

Data File : VX000189.D

Acq On : 02 Mar 2018 09:48

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050Manual Integrations
APPROVEDapatel
3/3/2018 1:20:15 PM

Quant Time: Mar 03 05:15:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	77193	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	5.51	113	61498	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.73	98	246702	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.15	95	102646	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45496	38.14	ug/l	97
3) Chloromethane	1.32	50	44136	37.72	ug/l	98
4) Vinyl Chloride	1.41	62	56078	43.02	ug/l	98
5) Bromomethane	1.64	94	68361	66.80	ug/l	99
6) Chloroethane	1.72	64	39601	45.24	ug/l	94
7) Trichlorofluoromethane	1.93	101	106870	45.85	ug/l	96
8) Diethyl Ether	2.20	74	39094	48.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61957	47.56	ug/l	96
10) Methyl Iodide	2.51	142	51825	36.32	ug/l	96
11) Tert butyl alcohol	3.08	59	148725	266.75	ug/l	99
12) 1,1-Dichloroethene	2.38	96	52100	42.94	ug/l	88
13) Acrolein	2.30	56	54078	203.06	ug/l	100
14) Allyl chloride	2.73	41	102116	50.27	ug/l	96
15) Acrylonitrile	3.15	53	254690	267.48	ug/l	100
16) Acetone	2.45	43	318053	338.95	ug/l	99
17) Carbon Disulfide	2.57	76	105794	29.62	ug/l	99
18) Methyl Acetate	2.78	43	137347	62.42	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	213881	51.36	ug/l	99
20) Methylene Chloride	2.86	84	60503	50.70	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	56531	42.98	ug/l	92
22) Diisopropyl ether	3.88	45	204614	57.66	ug/l	91
23) Vinyl Acetate	3.83	43	953086	288.99	ug/l	97
24) 1,1-Dichloroethane	3.70	63	109667	52.16	ug/l	99
25) 2-Butanone	4.71	43	369392	281.98	ug/l	100
26) 2,2-Dichloropropane	4.59	77	86315	47.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59852	47.76	ug/l	99
28) Bromochloromethane	5.03	49	54217	57.51	ug/l	90
29) Tetrahydrofuran	5.18	42	225772	264.67	ug/l	97
30) Chloroform	5.23	83	111551	50.41	ug/l	94
31) Cyclohexane	5.58	56	78624	43.49	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	99875	49.04	ug/l	97
36) 1,1-Dichloropropene	5.81	75	78324	47.16	ug/l	96
37) Ethyl Acetate	4.87	43	118367	51.87	ug/l	97
38) Carbon Tetrachloride	5.79	117	84599	47.16	ug/l	96

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Manual Integrations

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	91845	45.93	ug/l	99
40) Benzene	6.15	78	230583	48.59	ug/l	99
41) Methacrylonitrile	5.07	41	61606	56.32	ug/l	98
42) 1,2-Dichloroethane	6.21	62	94386	54.21	ug/l	98
43) Isopropyl Acetate	6.48	43	182390	55.43	ug/l	97
44) Trichloroethene	7.22	130	65497	46.87	ug/l	91
45) 1,2-Dichloropropane	7.52	63	62720	53.93	ug/l	99
46) Dibromomethane	7.67	93	46250	50.97	ug/l	95
47) Bromodichloromethane	7.91	83	92387	55.12	ug/l	98
48) Methyl methacrylate	7.79	41	87136	54.02	ug/l	97
49) 1,4-Dioxane	7.77	88	42362	1001.67	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	732134	304.40	ug/l	97
52) Toluene	8.79	92	162522	51.27	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	103963	52.75	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	106674	54.51	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	72339	55.18	ug/l	98
56) Ethyl methacrylate	9.19	69	113610	56.47	ug/l	94
57) 1,3-Dichloropropane	9.38	76	115944	55.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	267406	262.98	ug/l	95
59) 2-Hexanone	9.51	43	638524	313.55	ug/l	97
60) Dibromochloromethane	9.59	129	77507	52.20	ug/l	97
61) 1,2-Dibromoethane	9.68	107	78457	53.93	ug/l	98
64) Tetrachloroethene	9.34	164	63749	45.94	ug/l	97
65) Chlorobenzene	10.15	112	199351	49.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71426	50.74	ug/l	98
67) Ethyl Benzene	10.26	91	340924	50.48	ug/l	99
68) m/p-Xylenes	10.37	106	270241	101.05	ug/l	97
69) o-Xylene	10.71	106	131728	51.07	ug/l	97
70) Styrene	10.72	104	223212	52.93	ug/l	98
71) Bromoform	10.87	173	63343	49.54	ug/l #	98
73) Isopropylbenzene	11.02	105	365574	49.05	ug/l	97
74) N-amyl acetate	6.48	43	182390	48.44	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	135870	52.34	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	125627m	51.57	ug/l	
77) Bromobenzene	11.26	156	91834	45.46	ug/l	92
78) n-propylbenzene	11.37	91	439105	49.97	ug/l	98
79) 2-Chlorotoluene	11.43	91	247955	49.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	314975	49.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	41579	48.61	ug/l	91
82) 4-Chlorotoluene	11.52	91	306229	50.35	ug/l	97
83) tert-Butylbenzene	11.78	119	313903	49.33	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	327480	50.06	ug/l	98
85) sec-Butylbenzene	11.96	105	398043	50.37	ug/l	99
86) p-Isopropyltoluene	12.07	119	355934	50.41	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	184599	47.64	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194585	48.60	ug/l	99
89) n-Butylbenzene	12.40	91	345402	51.87	ug/l	98
90) Hexachloroethane	12.60	117	58179	50.61	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	184939	48.49	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40266	55.89	ug/l	86

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030218\
Quantitation Report (QT Reviewed)

Data File : VX000189.D
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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050

Manual Integrations
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3/3/2018 1:20:15 PM

Quant Time: Mar 03 05:15:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132967	46.47	ug/l	99
94) Hexachlorobutadiene	13.79	225	55288	44.28	ug/l	98
95) Naphthalene	13.85	128	485560	50.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	133655	47.32	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

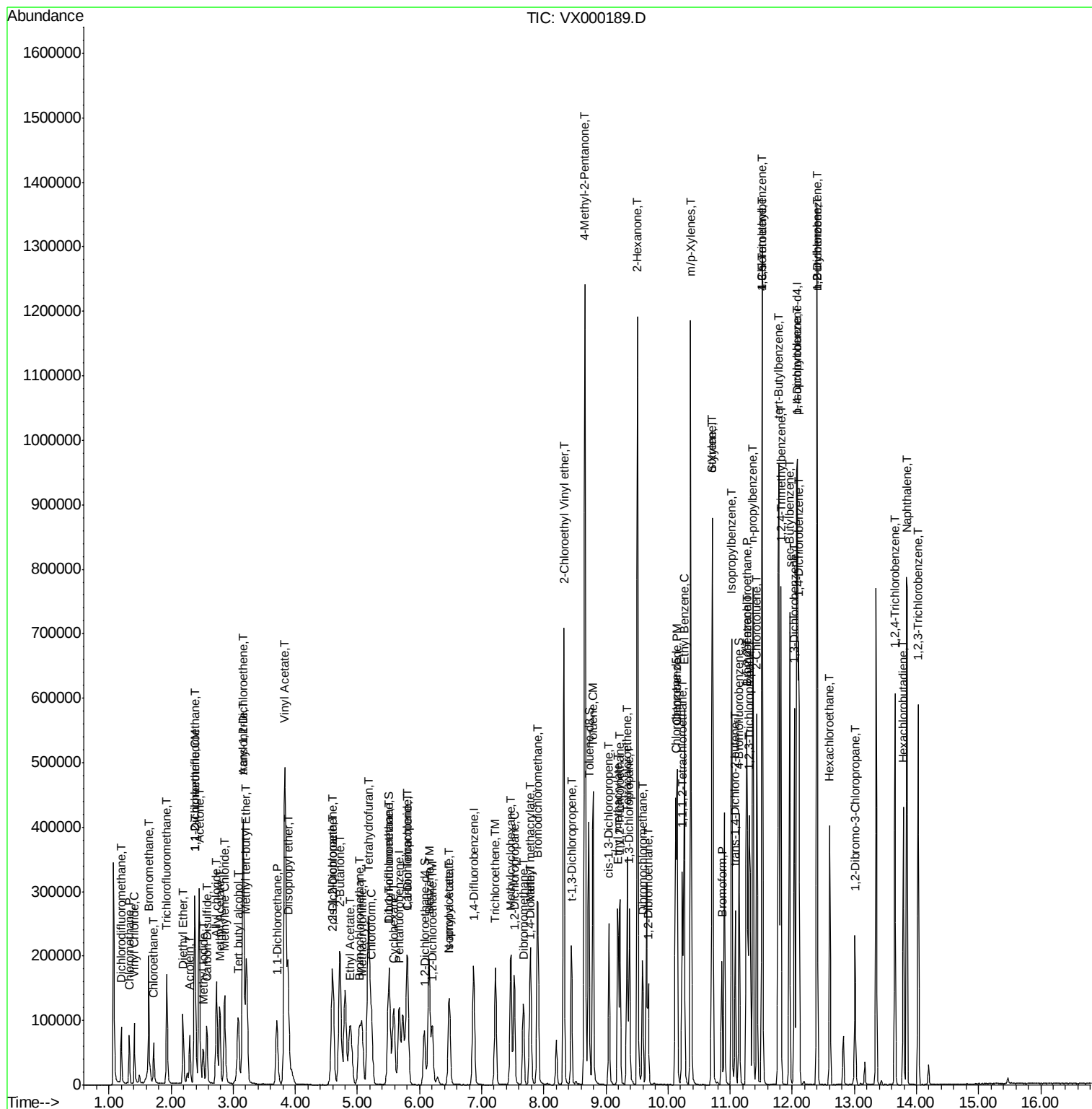
Data File : VX000189.D
Acq On : 02 Mar 2018 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

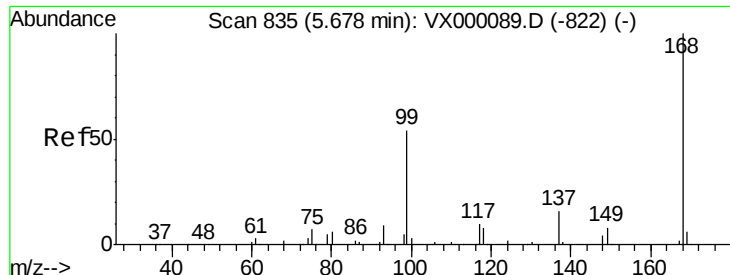
Instrument :
MSVOA_X
Client Sample ID :
VSTDCCC050

Manual Integrations
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3/3/2018 1:20:15 PM

Quant Time: Mar 03 05:15:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion:168 Resp: 115857

Ion Ratio Lower Upper

168 100

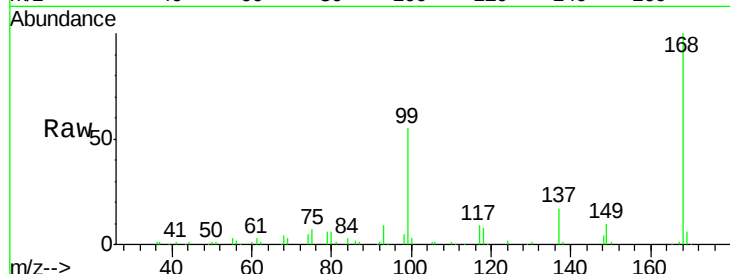
99 55.1 43.1 64.7

Manual Integrations

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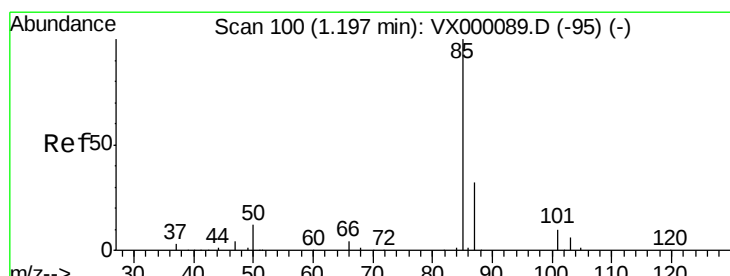
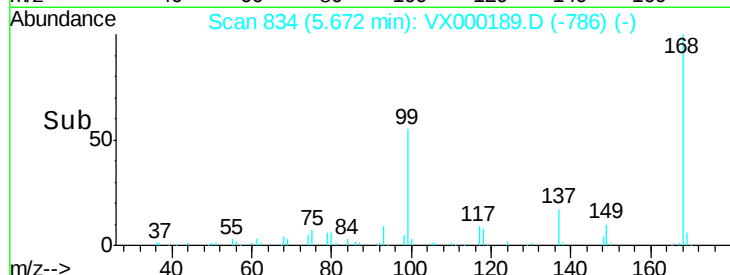
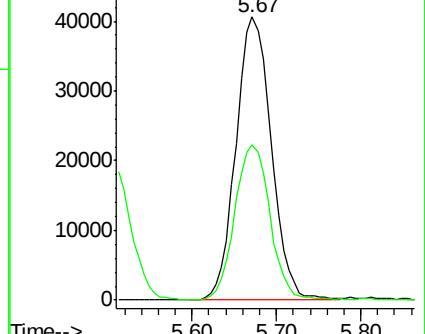
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.14 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000189.D

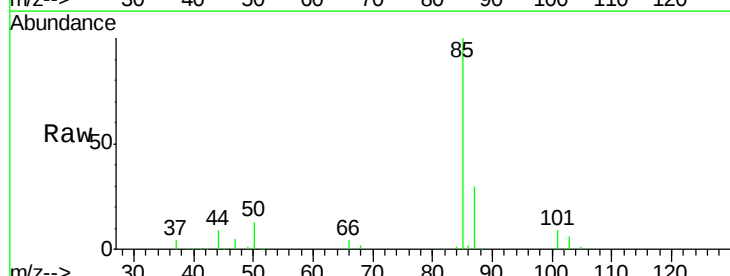
Acq: 02 Mar 2018 09:48

Tgt Ion: 85 Resp: 45496

Ion Ratio Lower Upper

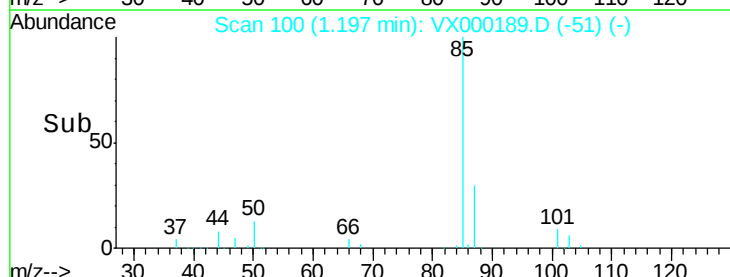
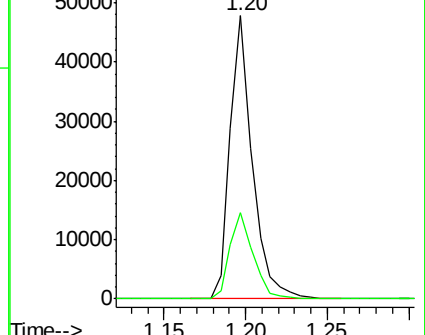
85 100

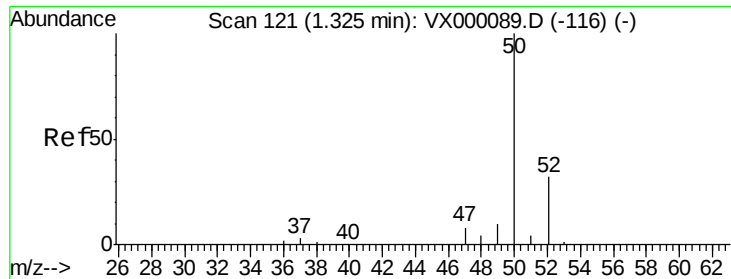
87 30.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 50 Resp: 44136

Ion Ratio Lower Upper

50 100

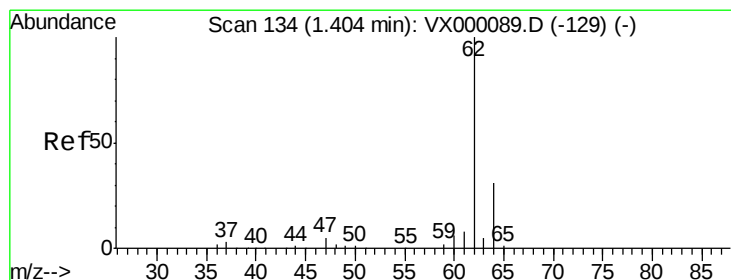
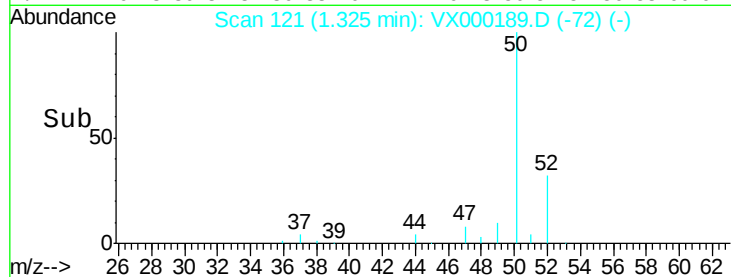
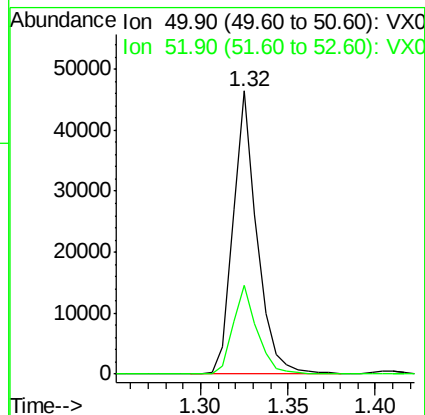
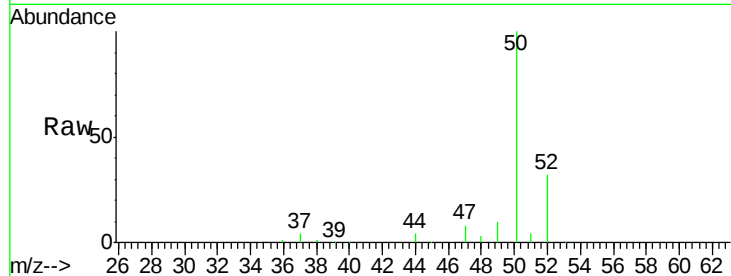
52 31.6 25.9 38.9

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#4

Vinyl Chloride

Concen: 43.02 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000189.D

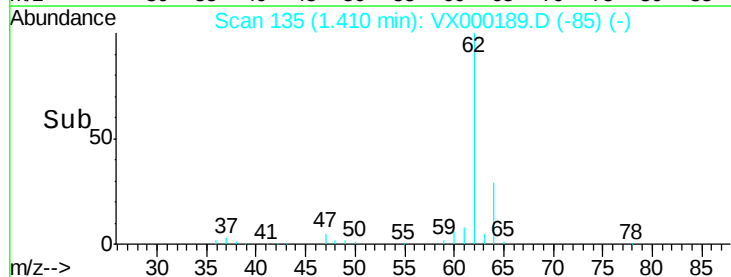
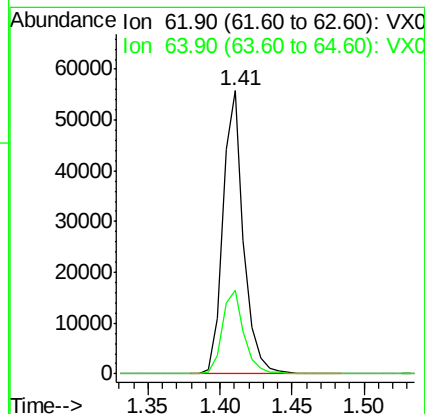
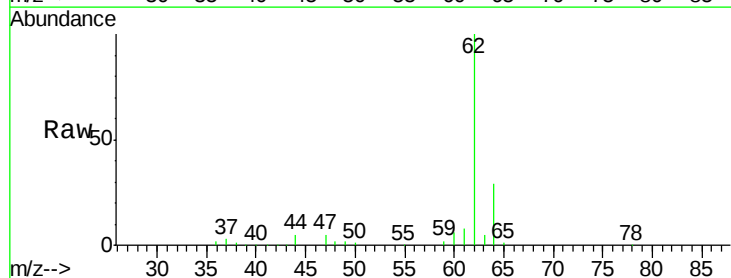
Acq: 02 Mar 2018 09:48

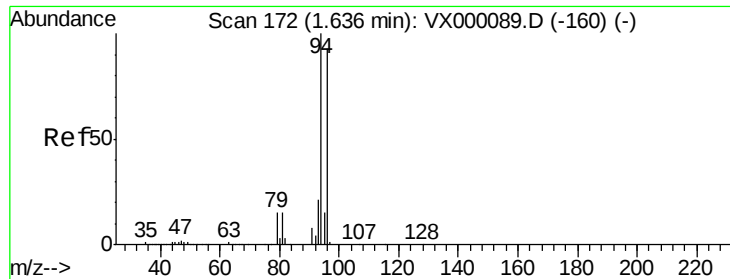
Tgt Ion: 62 Resp: 56078

Ion Ratio Lower Upper

62 100

64 29.5 24.6 37.0





#5

Bromomethane

Concen: 66.80 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 68361

Ion Ratio Lower Upper

94 100

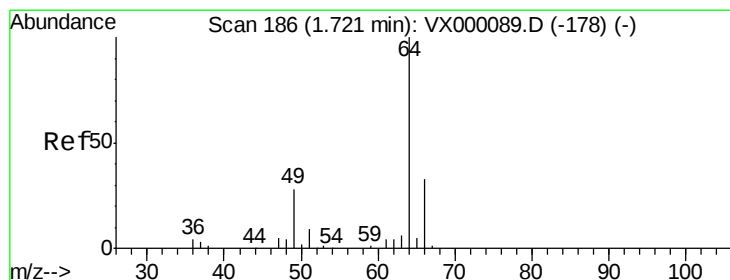
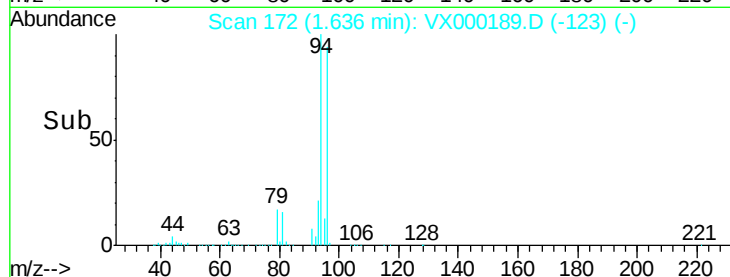
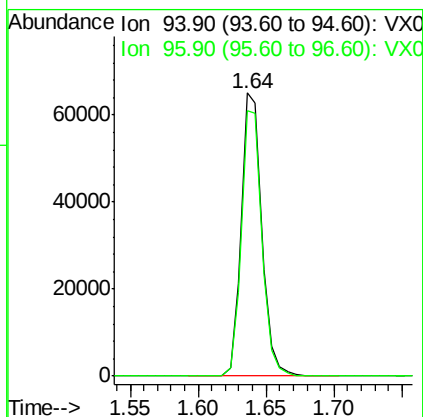
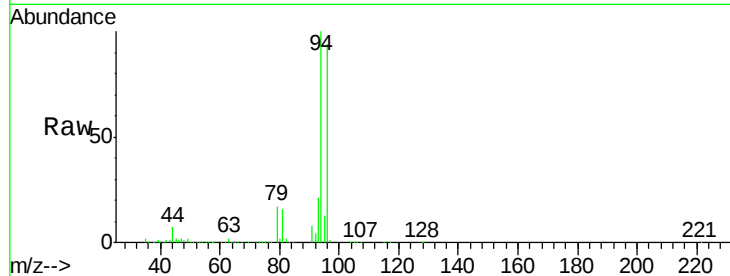
96 93.8 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 45.24 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000189.D

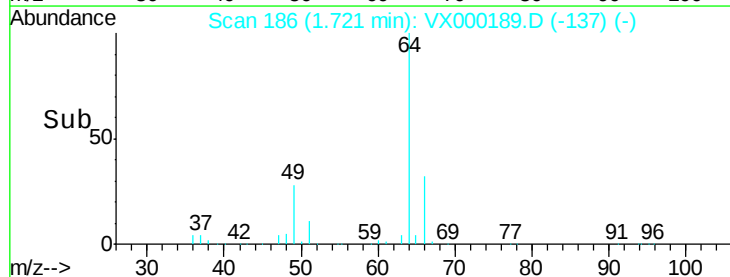
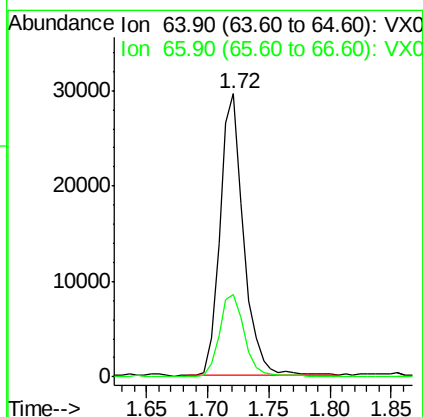
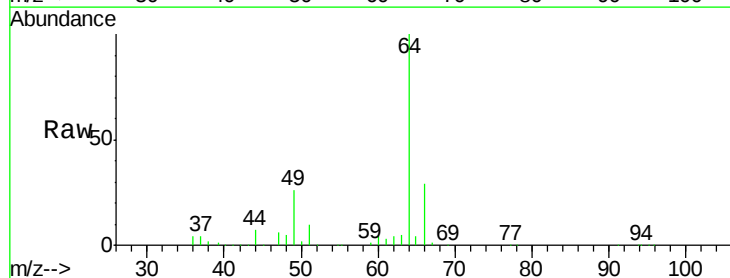
Acq: 02 Mar 2018 09:48

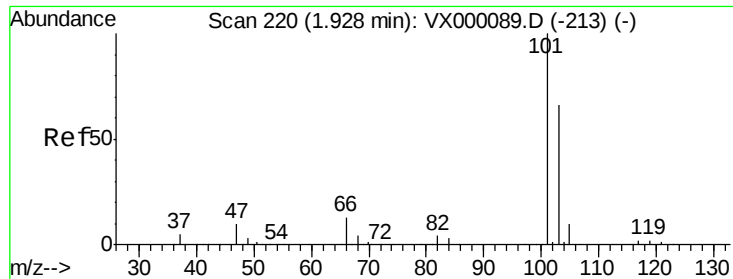
Tgt Ion: 64 Resp: 39601

Ion Ratio Lower Upper

64 100

66 29.3 26.0 39.0





#7

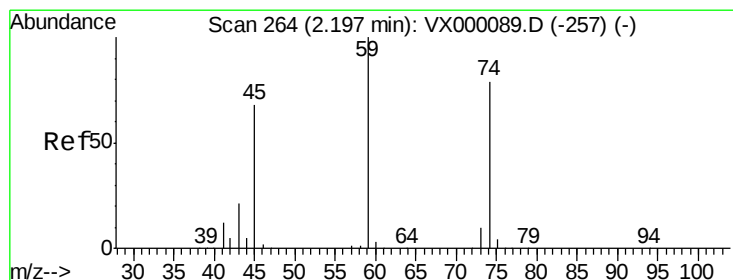
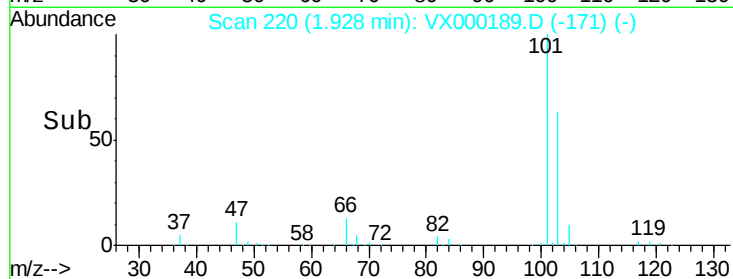
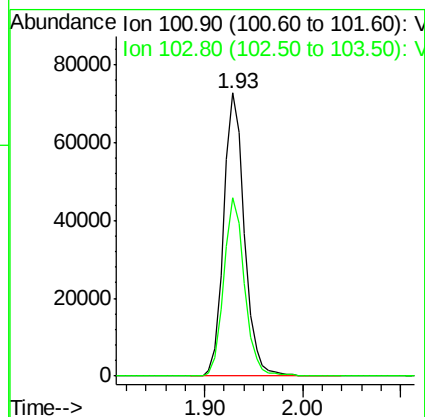
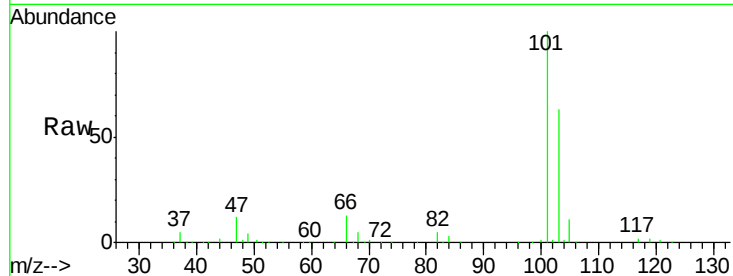
Trichlorofluoromethane
 Concen: 45.85 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 106870
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.7 79.1

Manual Integrations
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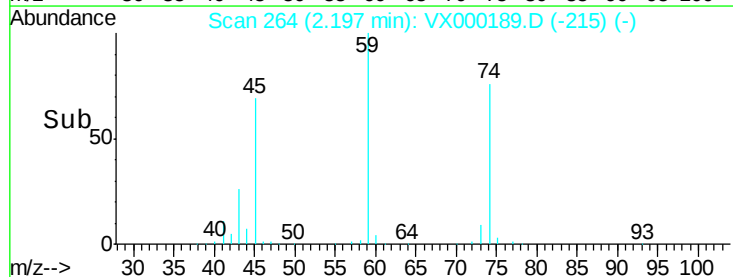
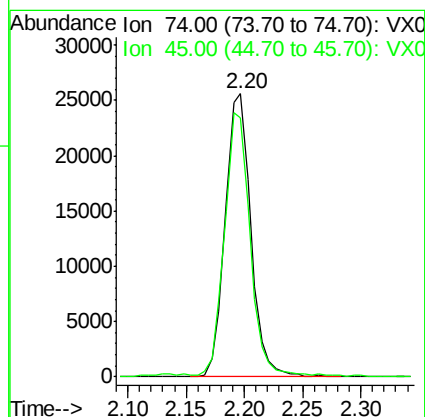
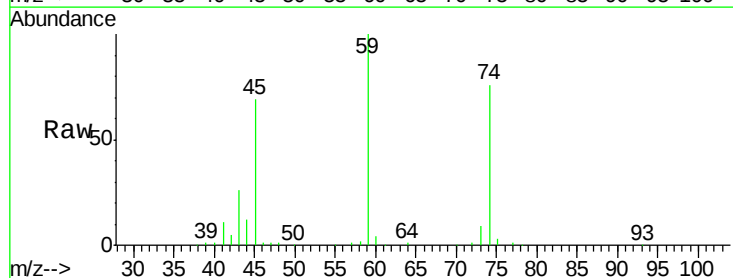
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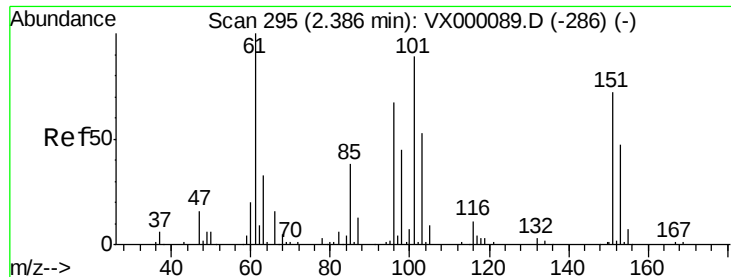


#8

Diethyl Ether
 Concen: 48.61 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 74 Resp: 39094
 Ion Ratio Lower Upper
 74 100
 45 92.1 44.7 134.1





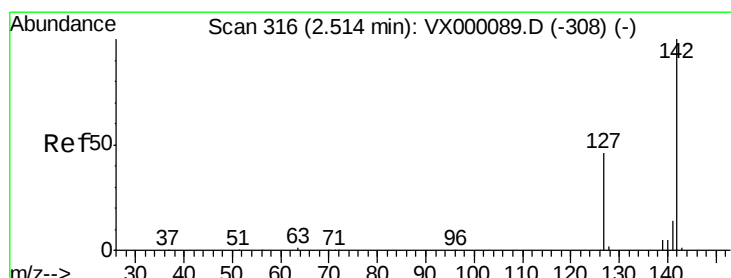
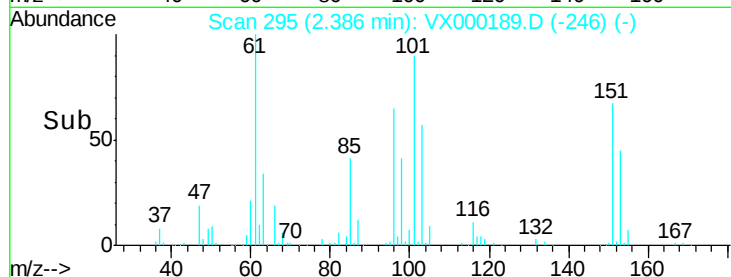
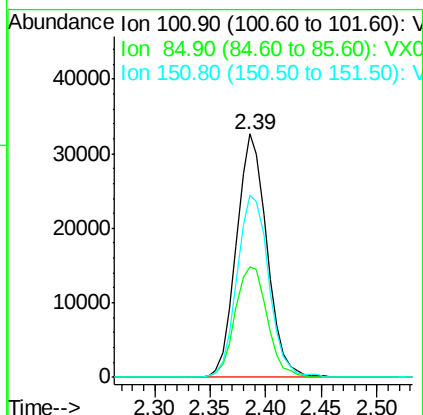
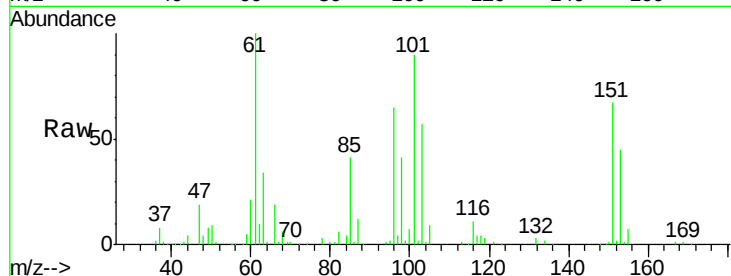
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.56 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	61957		
85	48.1	36.7	55.1	
151	78.4	65.8	98.6	

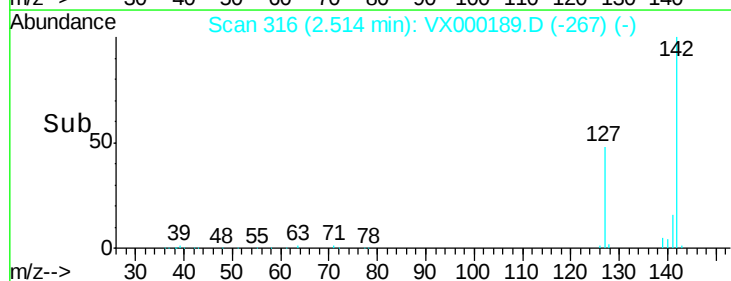
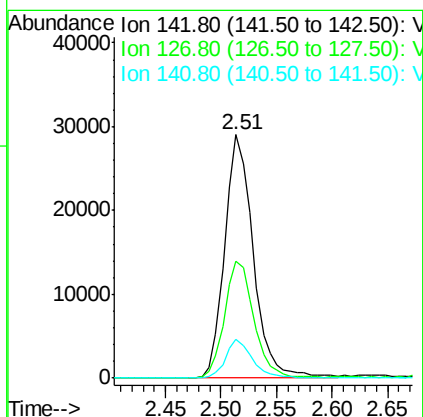
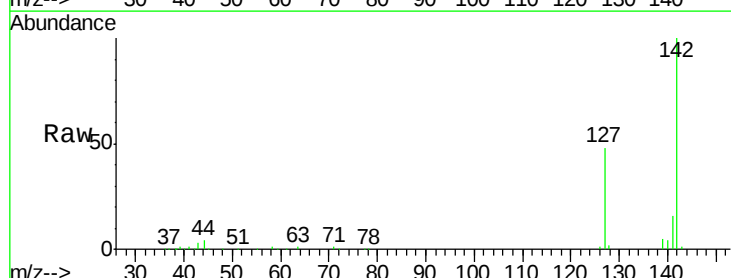
Manual Integrations
APPROVED

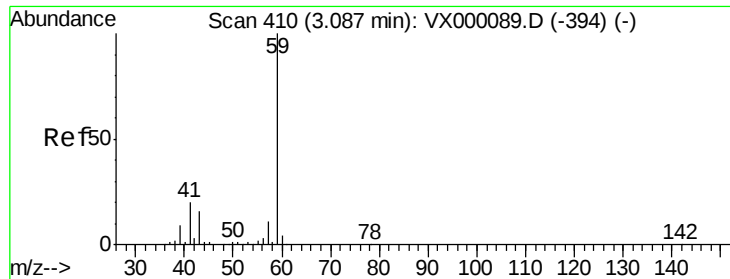
apatel
3/3/2018 1:20:15 PM



#10
Methyl Iodide
Concen: 36.32 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	51825		
127	49.0	36.8	55.2	
141	14.8	11.6	17.4	





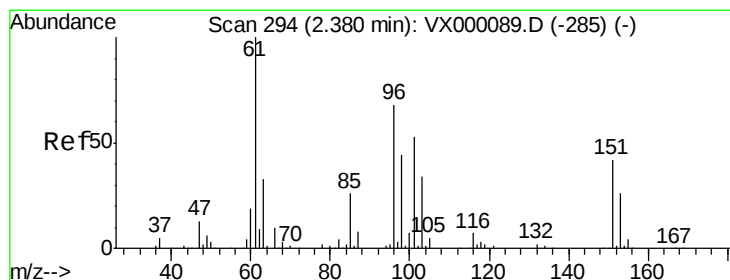
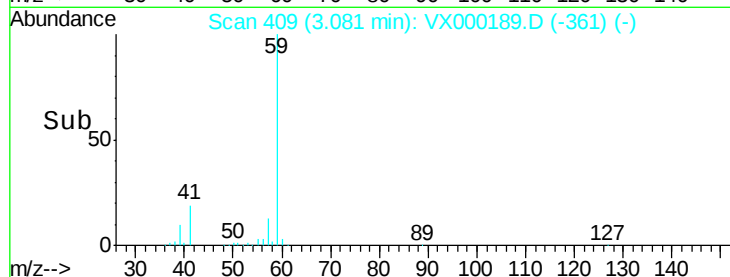
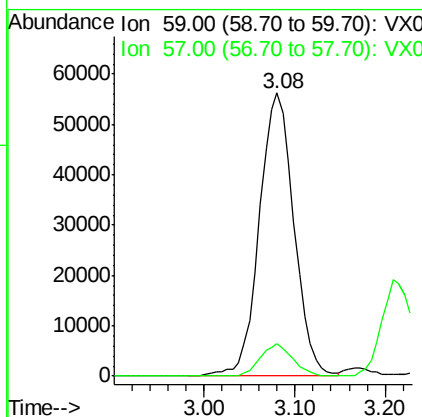
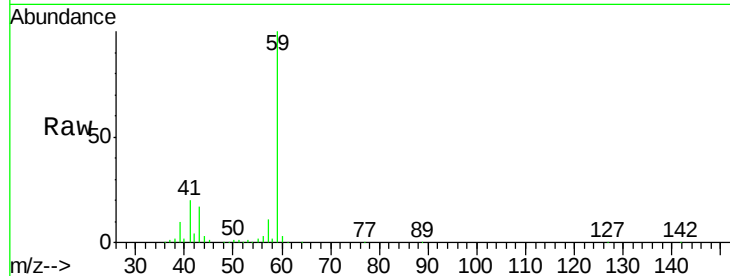
#11
Tert butyl alcohol
Concen: 266.75 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 148725
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

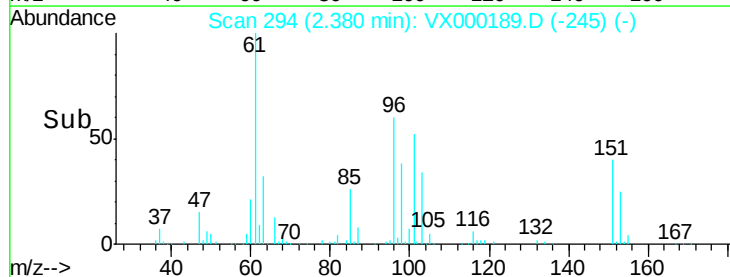
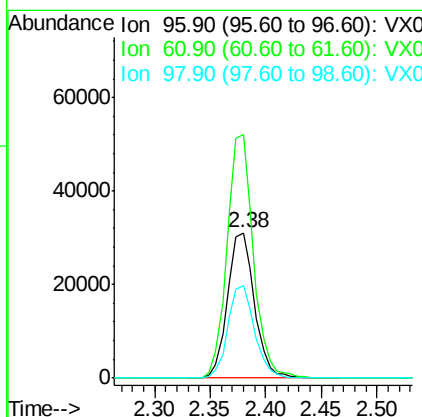
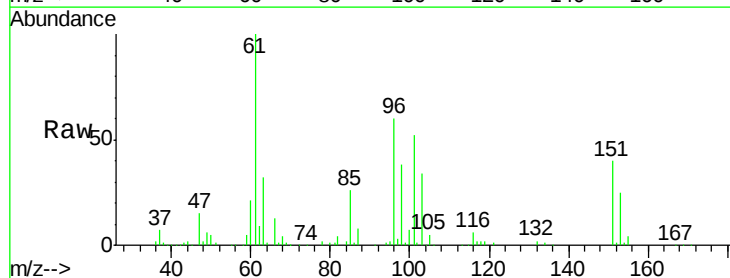
Manual Integrations
APPROVED

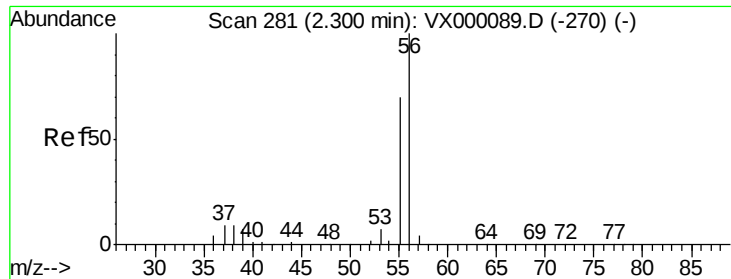
apatel
3/3/2018 1:20:15 PM



#12
1,1-Dichloroethene
Concen: 42.94 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 96 Resp: 52100
Ion Ratio Lower Upper
96 100
61 167.4 117.7 176.5
98 63.4 51.3 76.9





#13

Acrolein

Concen: 203.06 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 54078

Ion Ratio Lower Upper

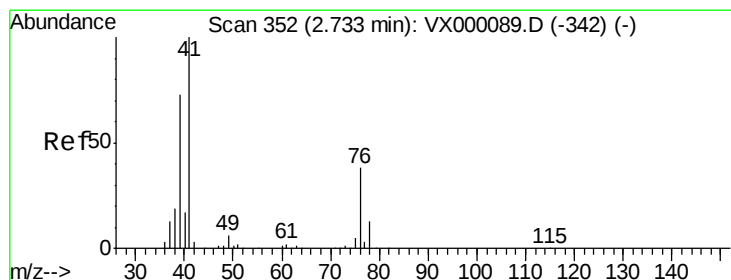
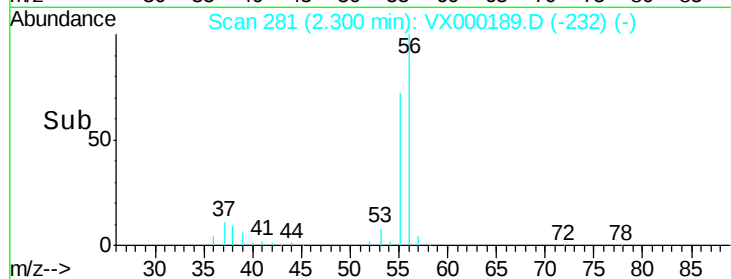
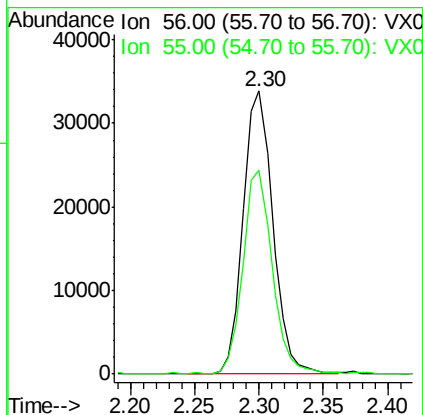
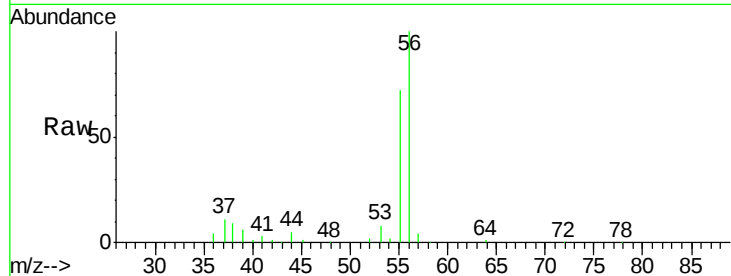
56 100

55 70.3 56.2 84.4

Manual Integrations
APPROVED

apatel

3/3/2018 1:20:15 PM



#14

Allyl chloride

Concen: 50.27 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

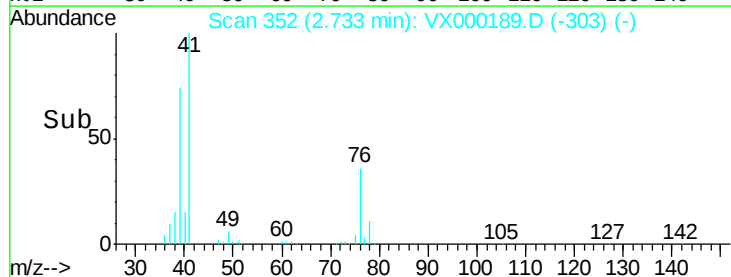
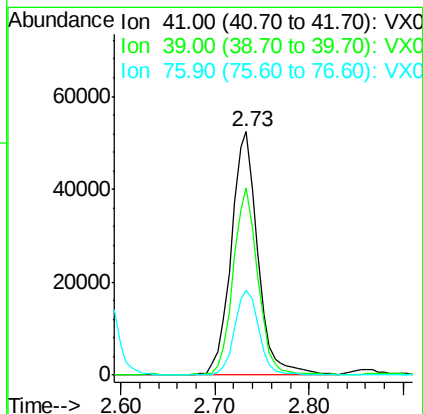
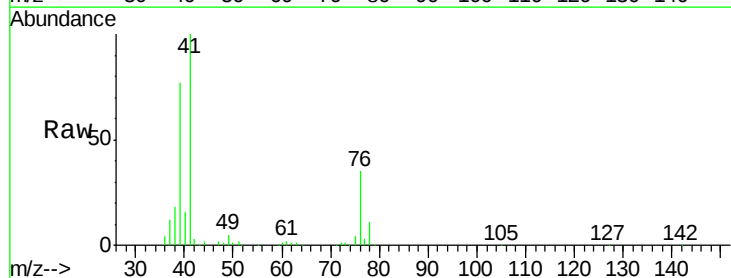
Tgt Ion: 41 Resp: 102116

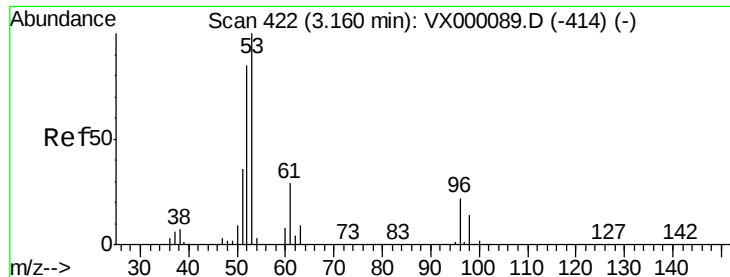
Ion Ratio Lower Upper

41 100

39 71.6 55.1 82.7

76 32.3 28.5 42.7





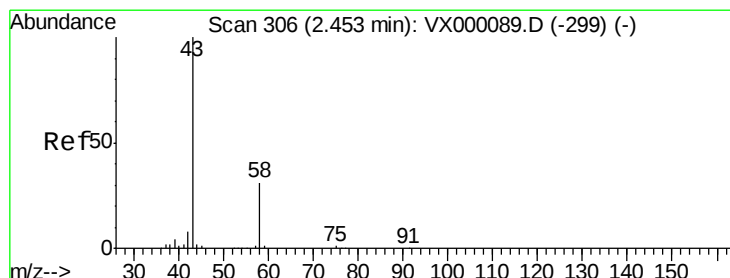
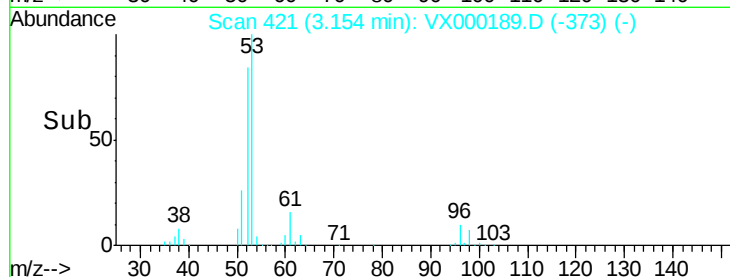
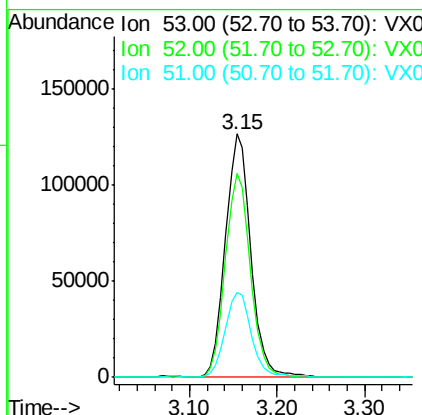
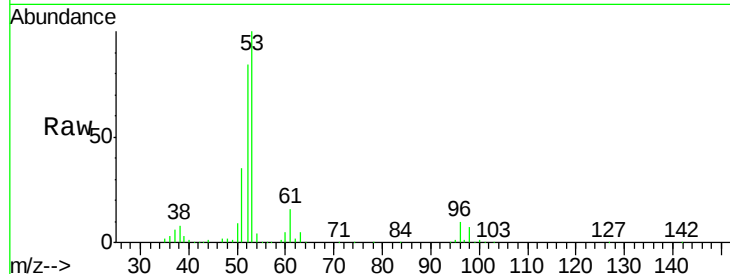
#15
 Acrylonitrile
 Concen: 267.48 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.5	99.7
51	36.5	29.0	43.6

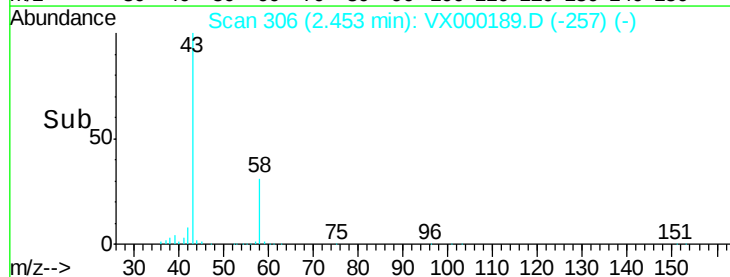
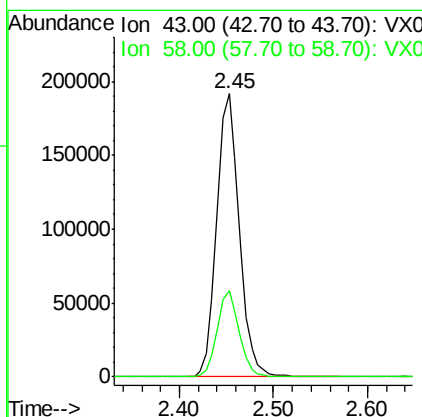
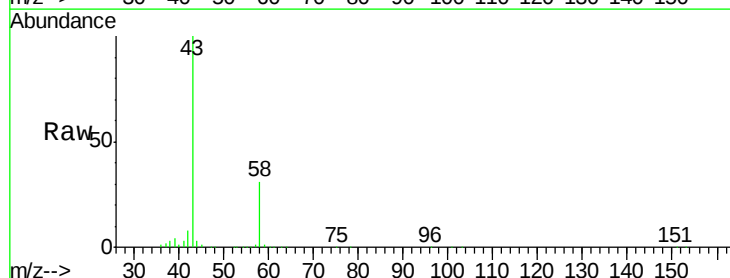
Manual Integrations
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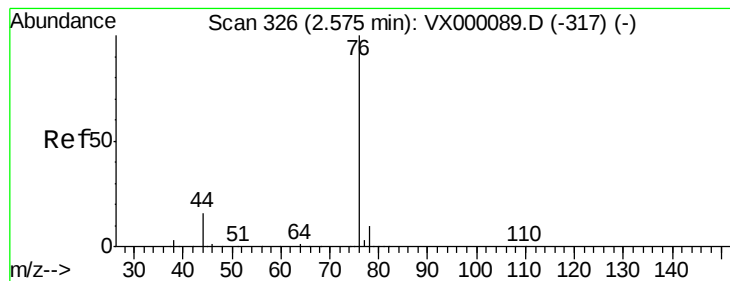
apatel
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#16
 Acetone
 Concen: 338.95 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.0	37.4





#17

Carbon Disulfide

Concen: 29.62 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 105794

Ion Ratio Lower Upper

76 100

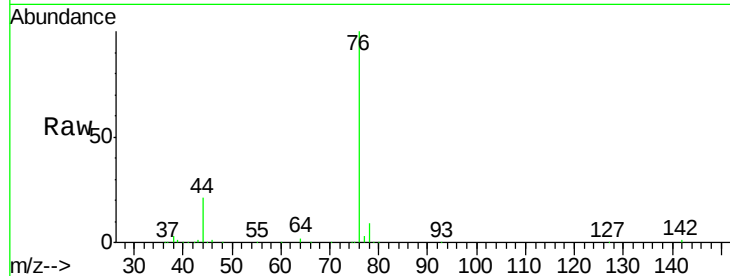
78 9.4 7.8 11.8

Manual Integrations

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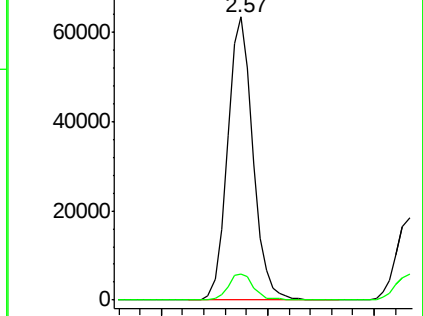
apatel

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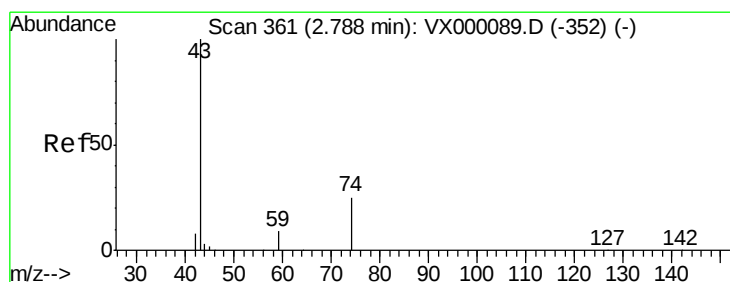
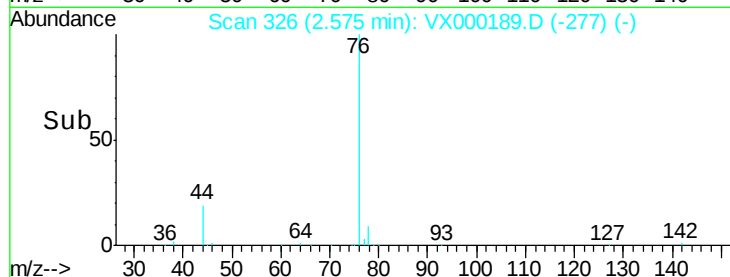


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 62.42 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000189.D

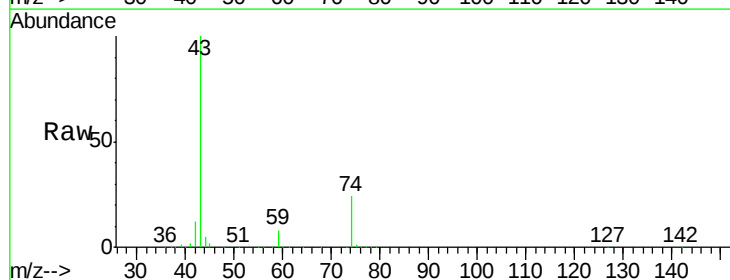
Acq: 02 Mar 2018 09:48

Tgt Ion: 43 Resp: 137347

Ion Ratio Lower Upper

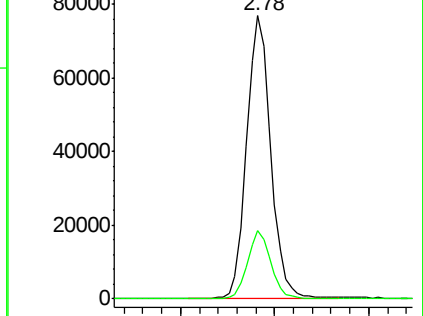
43 100

74 23.5 20.2 30.4

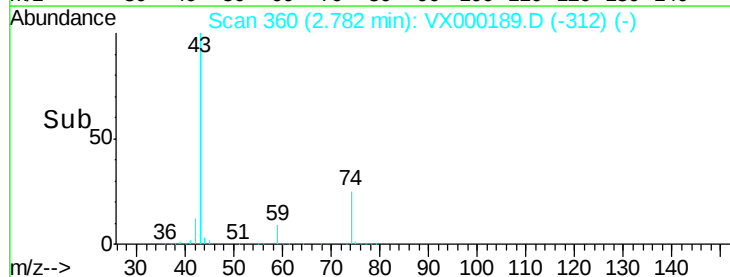


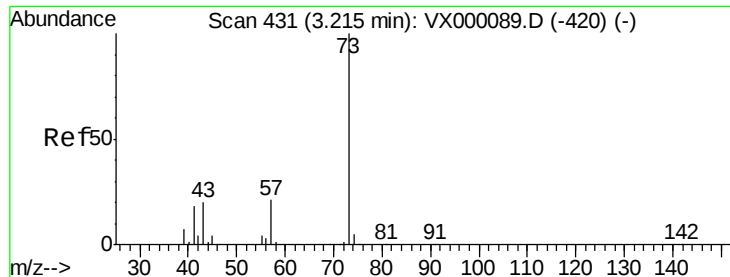
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





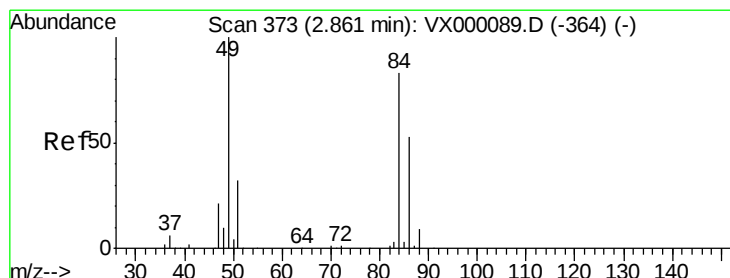
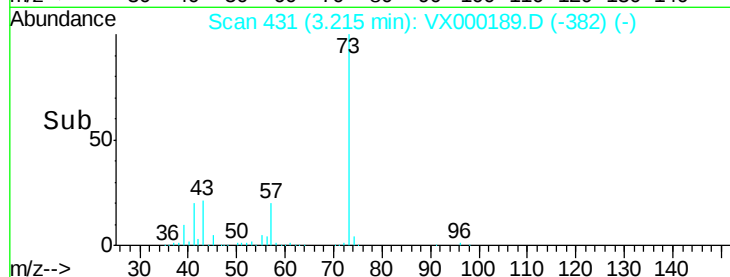
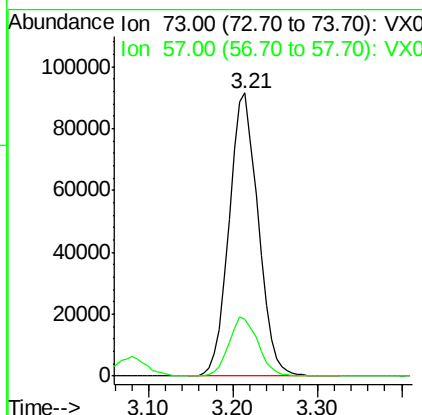
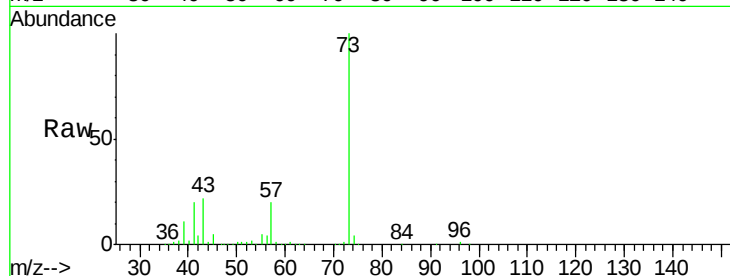
#19
Methyl tert-butyl Ether
Concen: 51.36 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 213881
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6

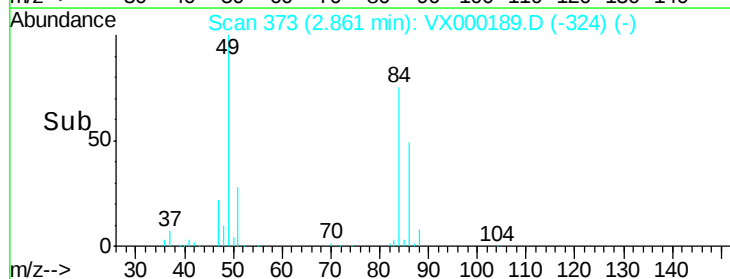
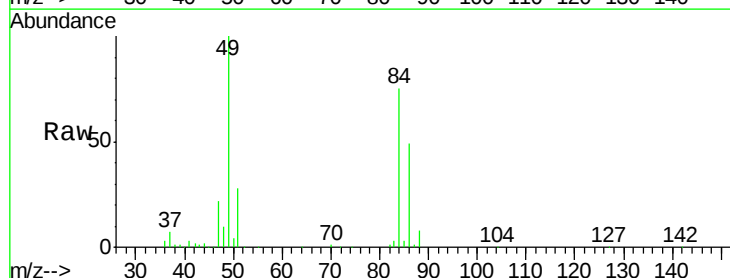
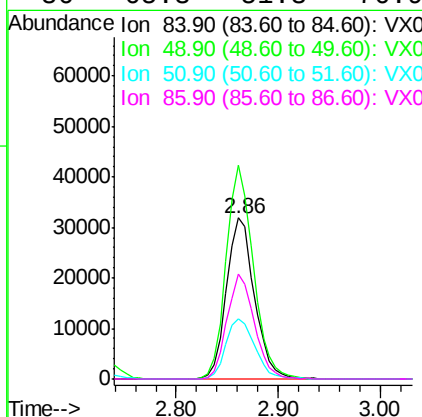
Manual Integrations
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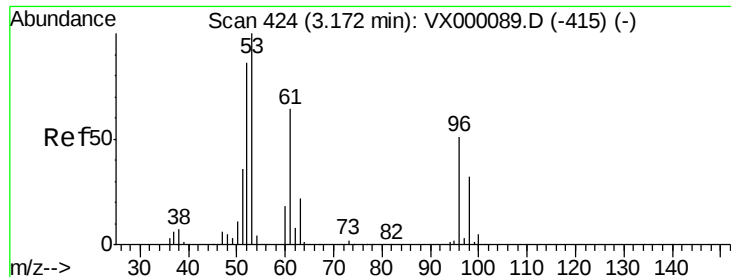
apatel
3/3/2018 1:20:15 PM



#20
Methylene Chloride
Concen: 50.70 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 84 Resp: 60503
Ion Ratio Lower Upper
84 100
49 132.5 96.1 144.1
51 37.3 30.5 45.7
86 65.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 42.98 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

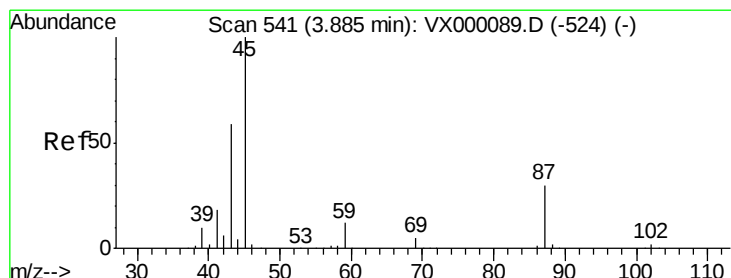
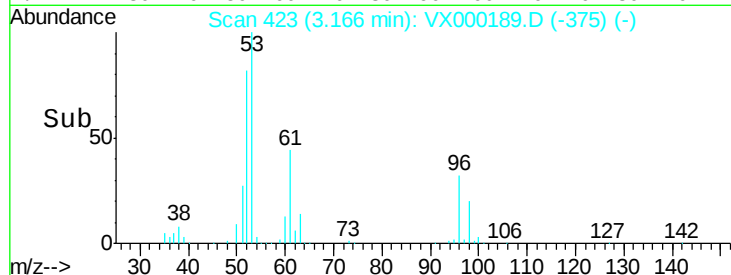
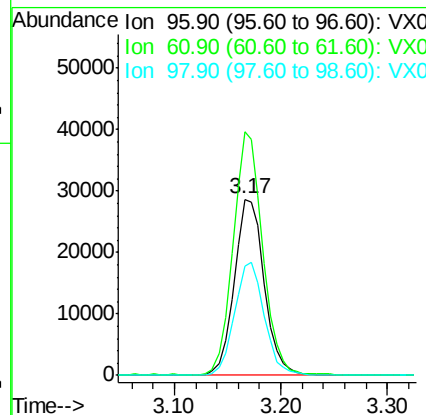
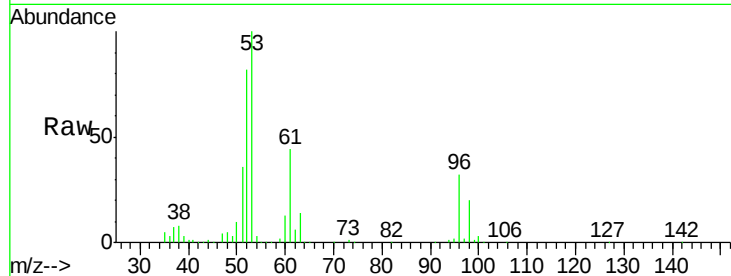
ClientSampled :

VSTDCCC050

Tgt Ion:	96	Resp:	56531
Ion	Ratio	Lower	Upper
96	100		
61	138.3	100.3	150.5
98	62.1	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.66 ug/l

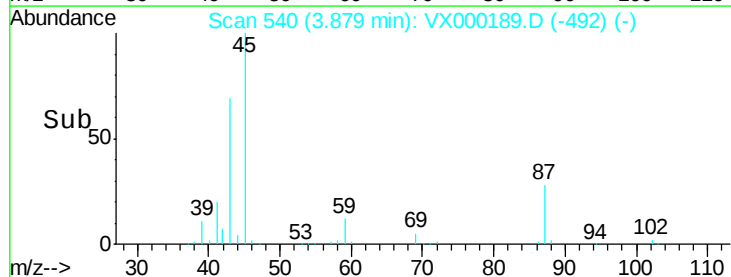
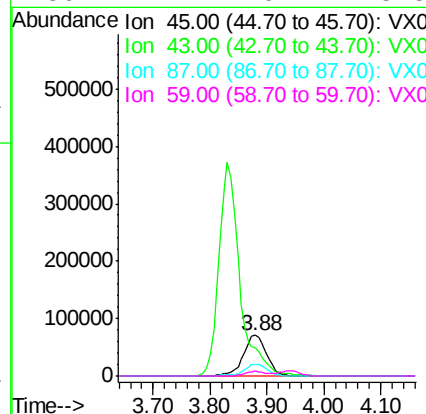
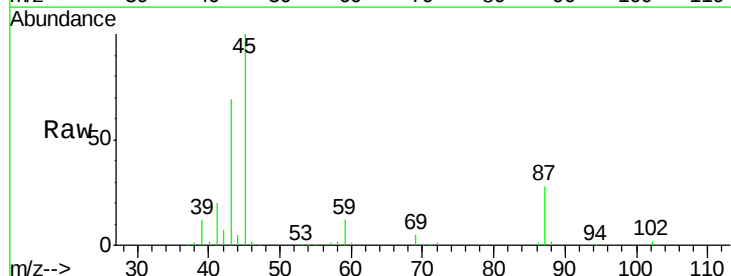
RT: 3.88 min Scan# 540

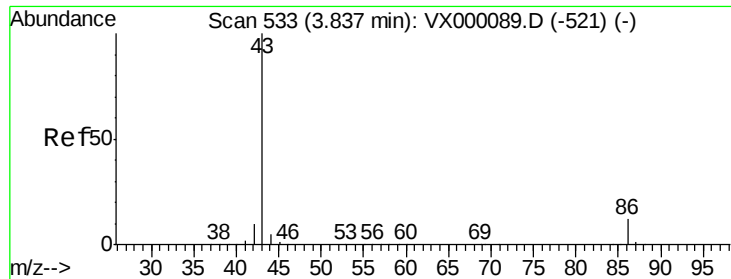
Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion:	45	Resp:	204614
Ion	Ratio	Lower	Upper
45	100		
43	69.1	47.4	71.2
87	28.3	24.2	36.2
59	12.2	9.2	13.8





#23

Vinyl Acetate

Concen: 288.99 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 953086

Ion Ratio Lower Upper

43 100

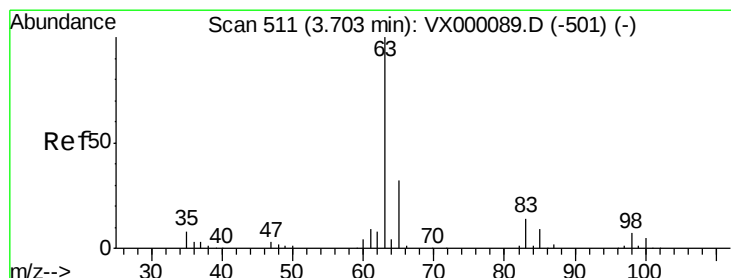
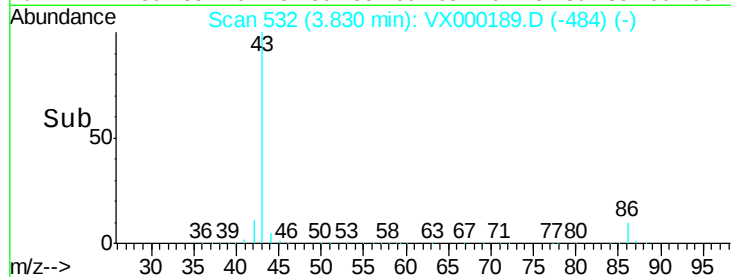
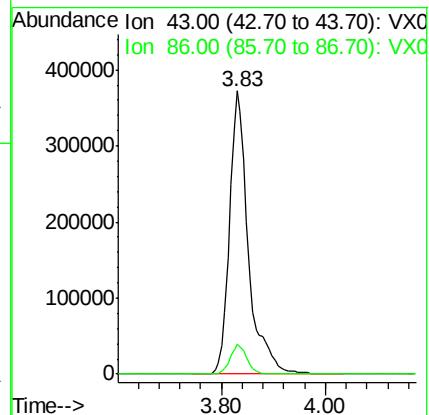
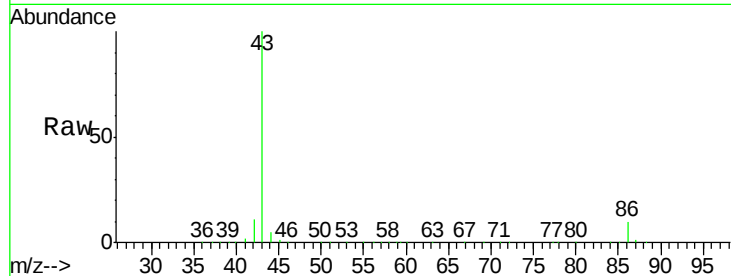
86 10.4 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.16 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

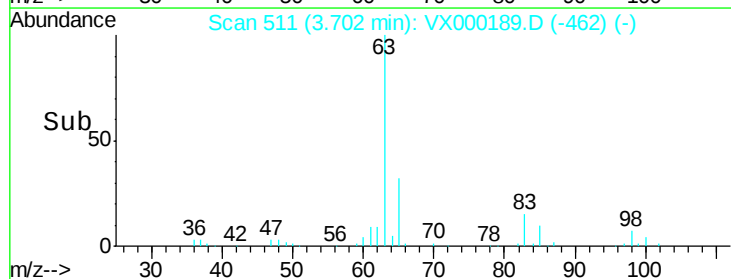
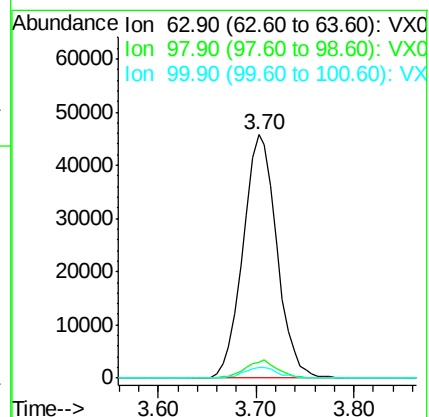
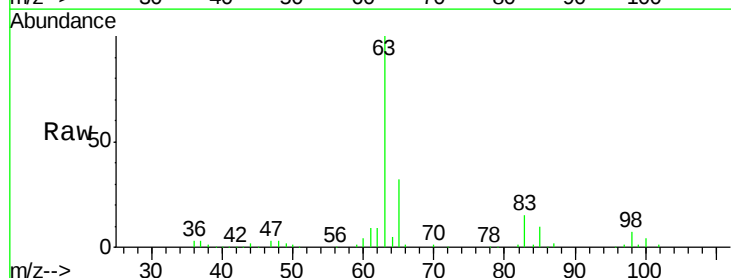
Tgt Ion: 63 Resp: 109667

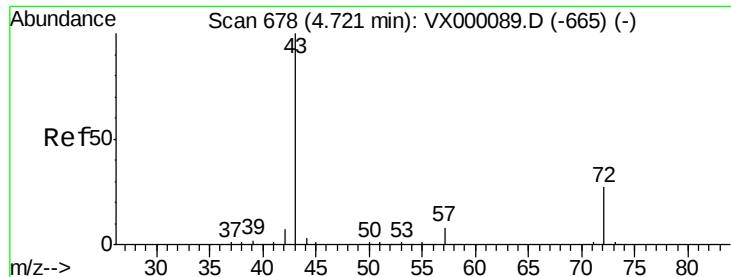
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 281.98 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 369392

Ion Ratio Lower Upper

43 100

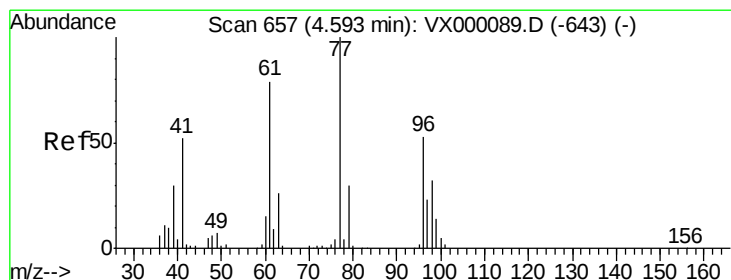
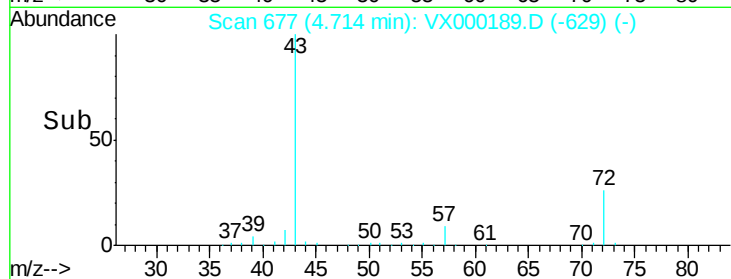
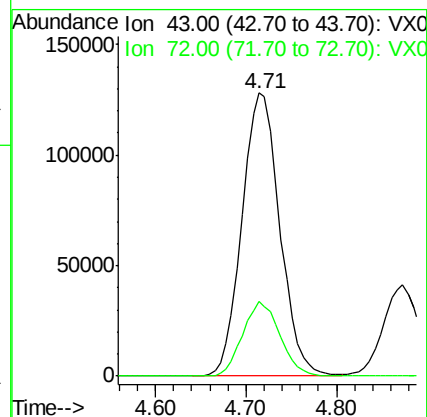
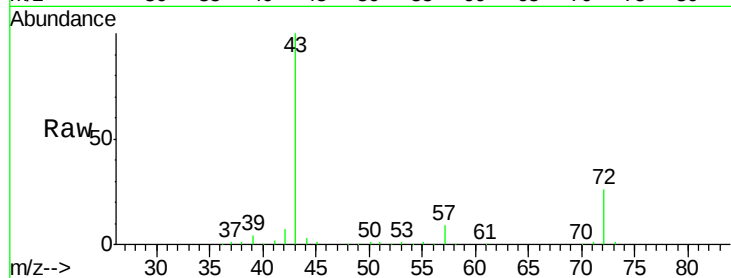
72 26.4 21.3 31.9

Manual Integrations

APPROVED

apatel

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#26

2,2-Dichloropropane

Concen: 47.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000189.D

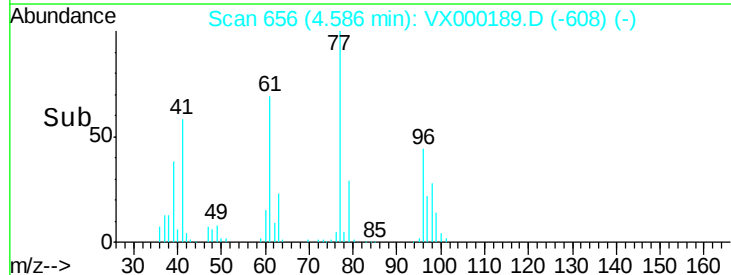
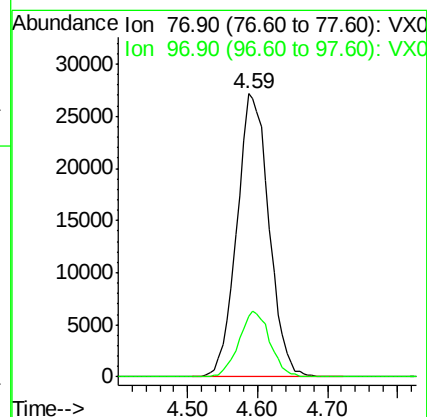
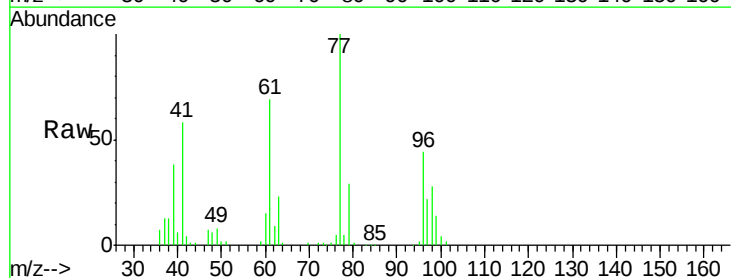
Acq: 02 Mar 2018 09:48

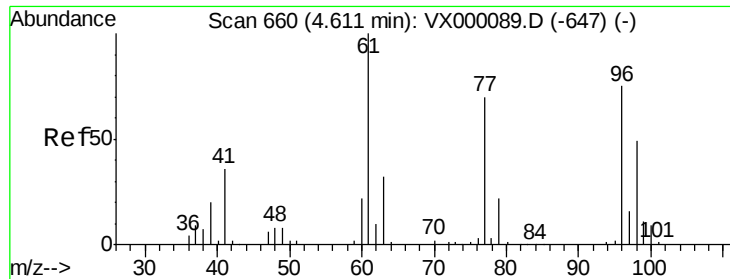
Tgt Ion: 77 Resp: 86315

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2





#27

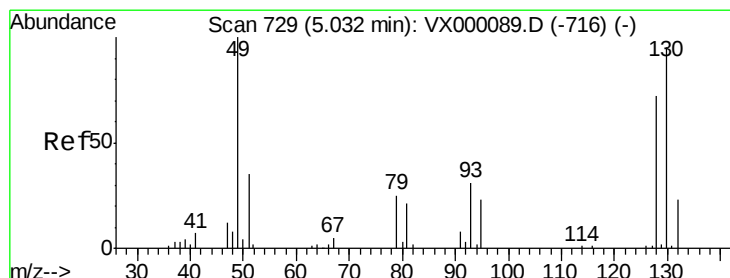
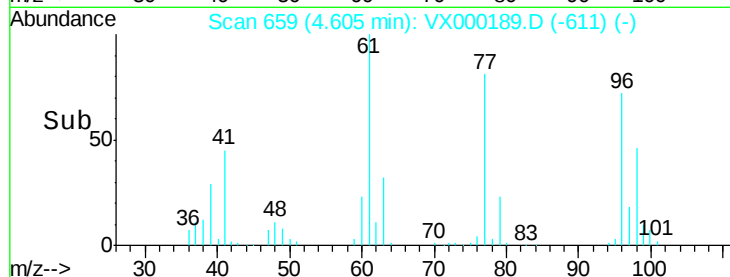
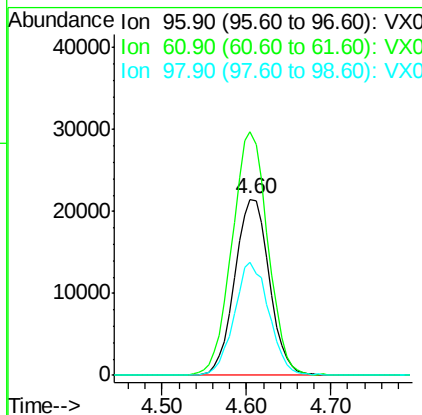
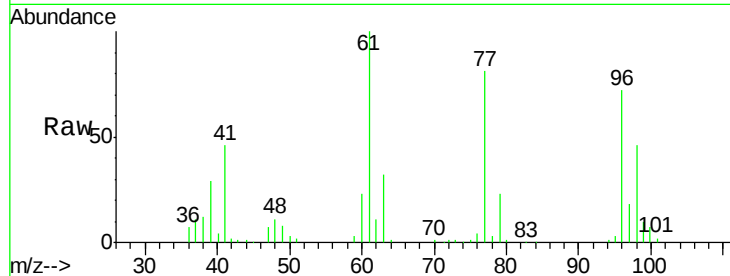
cis-1,2-Dichloroethene
Concen: 47.76 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	59852		
61	143.0	0.0	285.6	
98	64.2	0.0	131.8	

Manual Integrations
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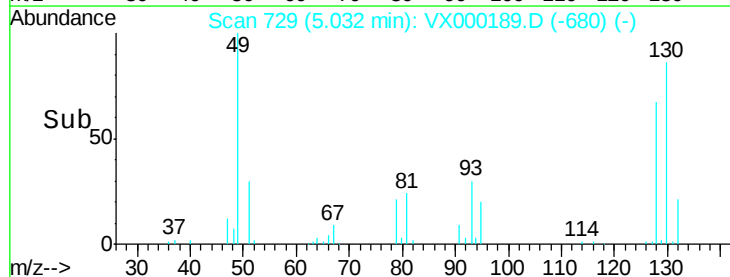
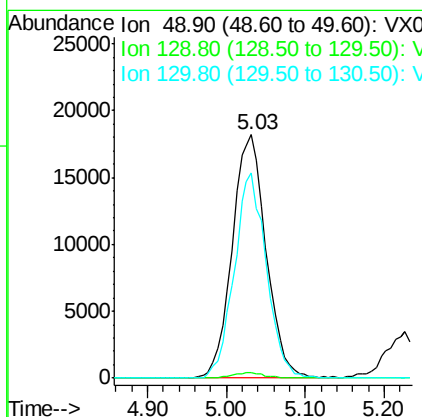
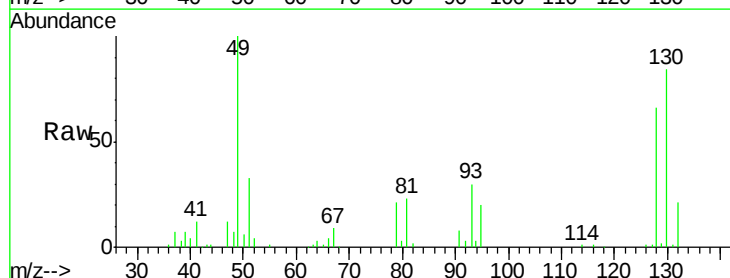
apatel
3/3/2018 1:20:15 PM

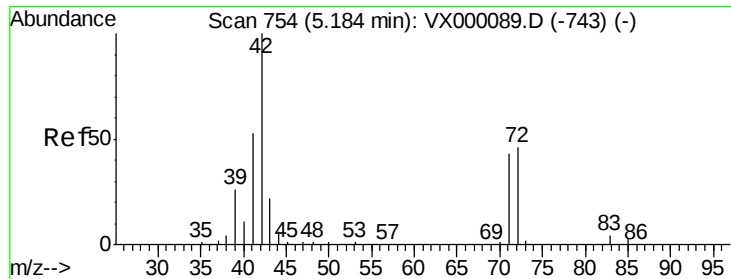


#28

Bromochloromethane
Concen: 57.51 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	54217		
129	2.1	0.0	5.0	
130	80.2	71.9	107.9	





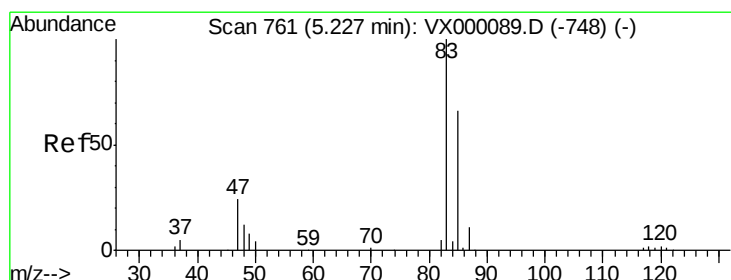
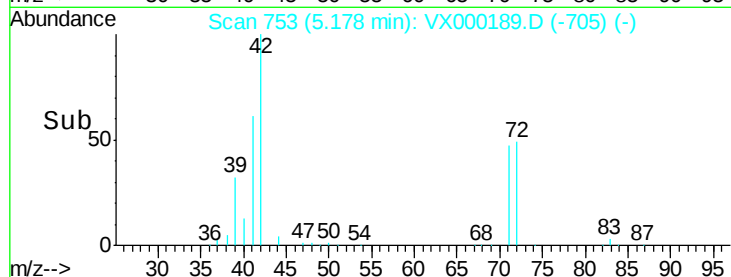
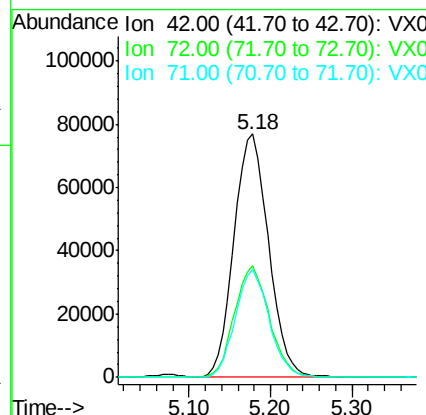
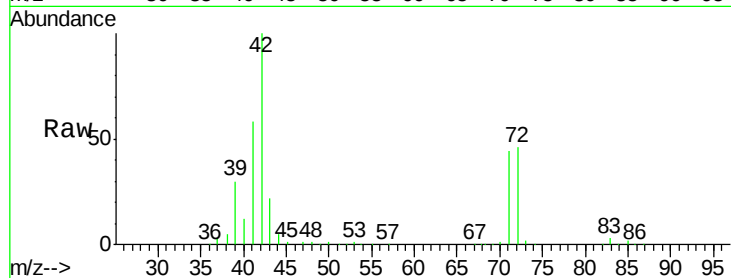
#29
Tetrahydrofuran
Concen: 264.67 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.3	38.6	58.0
71	43.3	36.2	54.4

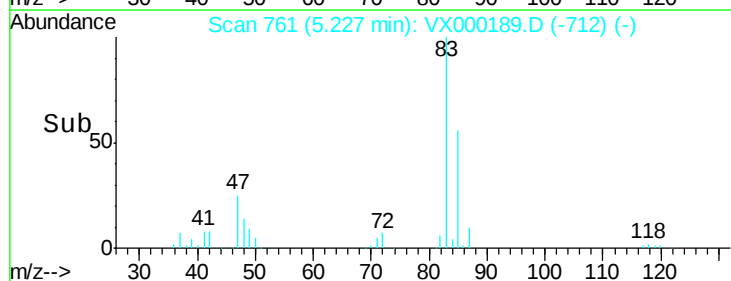
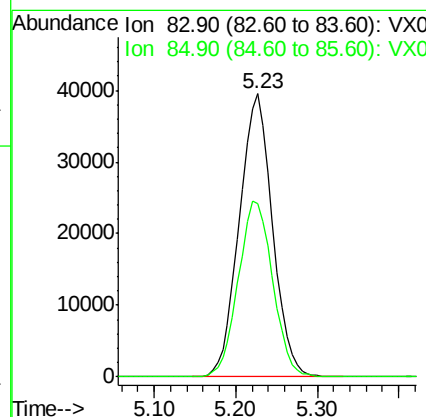
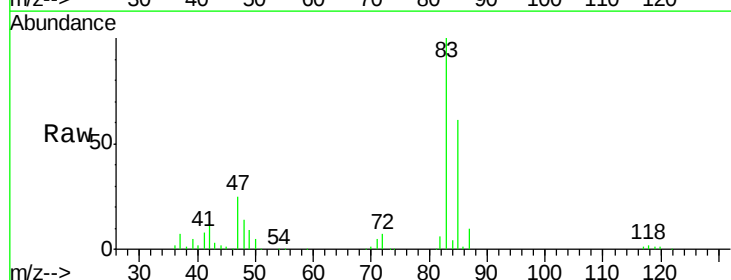
Manual Integrations
APPROVED

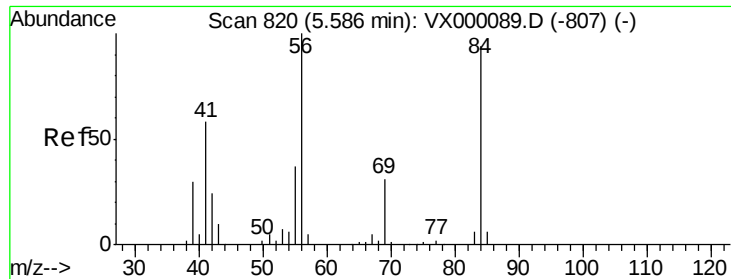
apatel
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#30
Chloroform
Concen: 50.41 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.7	79.1





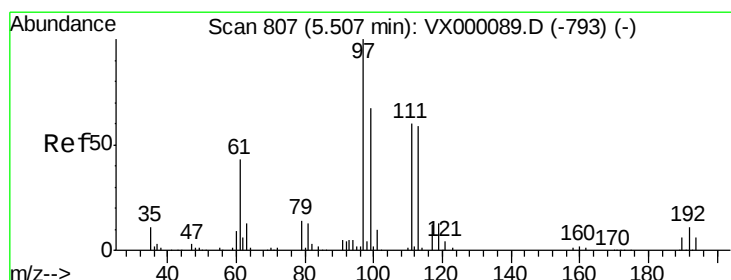
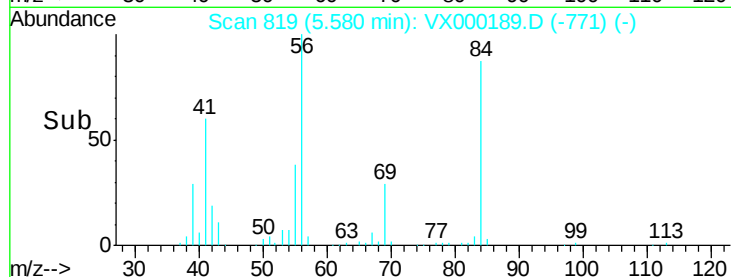
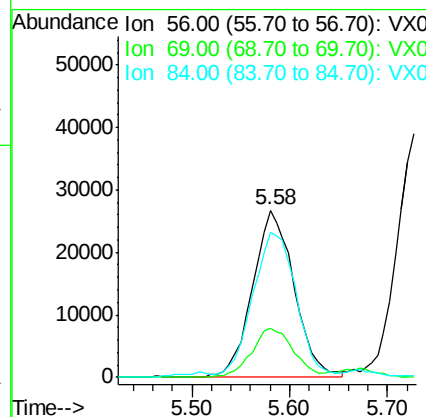
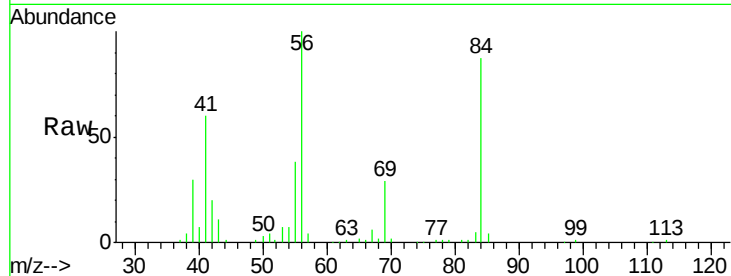
#31
Cyclohexane
Concen: 43.49 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 56 Resp: 78624
Ion Ratio Lower Upper
56 100
69 29.3 24.9 37.3
84 84.6 75.0 112.4

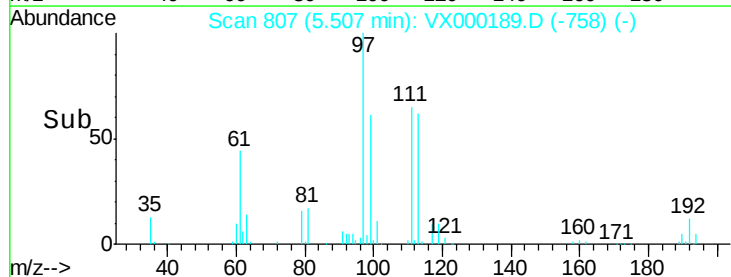
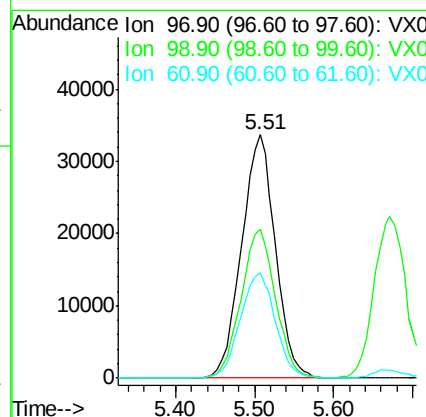
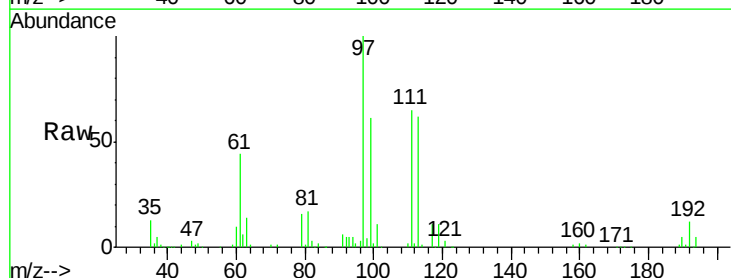
Manual Integrations
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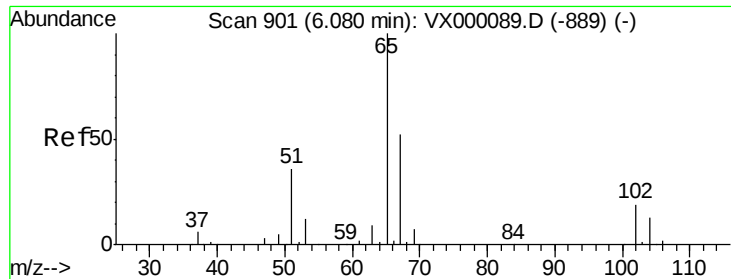
apatel
3/3/2018 1:20:15 PM



#32
1,1,1-Trichloroethane
Concen: 49.04 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 97 Resp: 99875
Ion Ratio Lower Upper
97 100
99 62.6 51.1 76.7
61 45.1 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 53.35 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion: 65 Resp: 77193

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8

Instrument :

MSVOA_X

ClientSampleId :

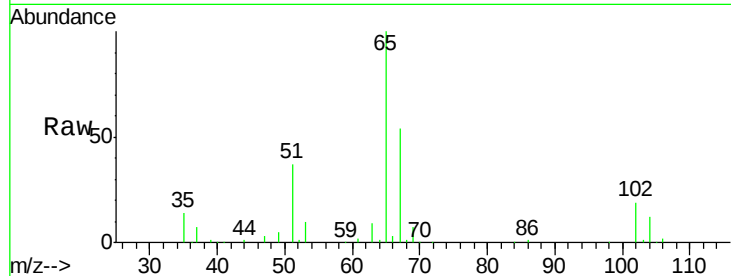
VSTDCCC050

Manual Integrations

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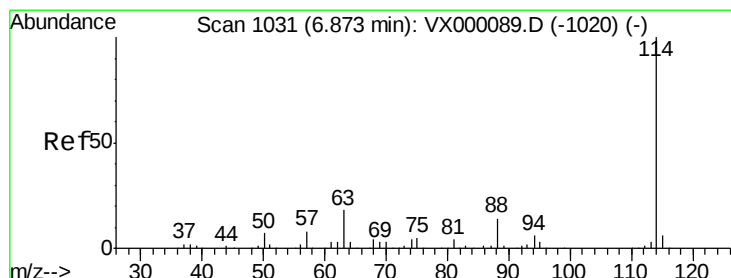
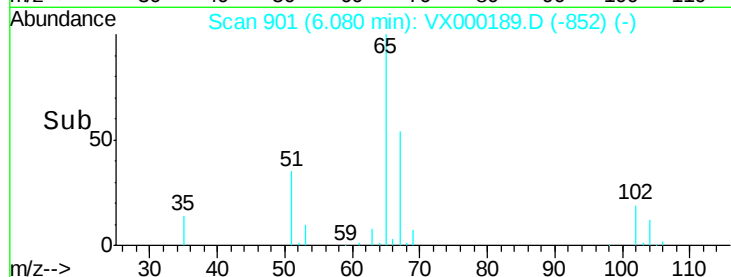
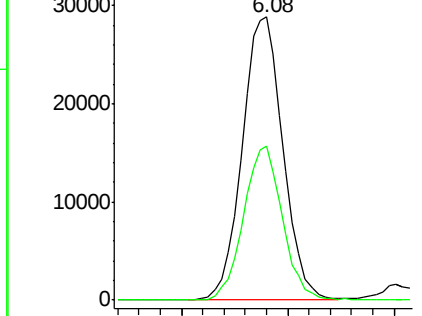
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

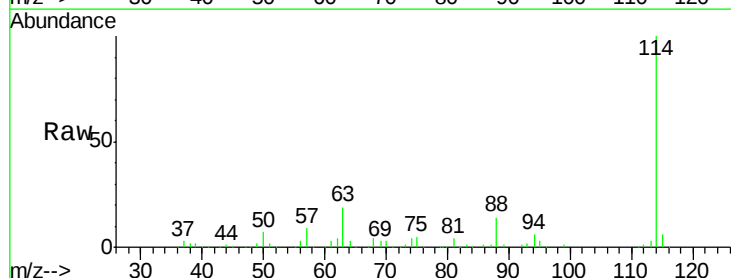
Tgt Ion: 114 Resp: 185072

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

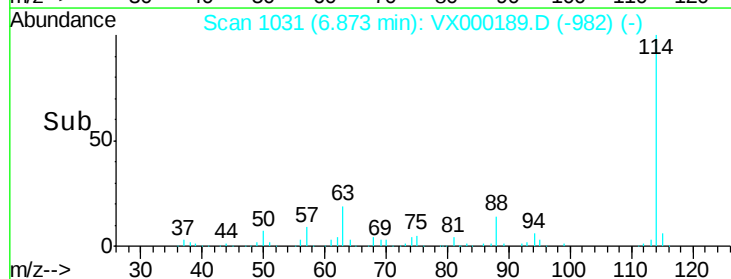
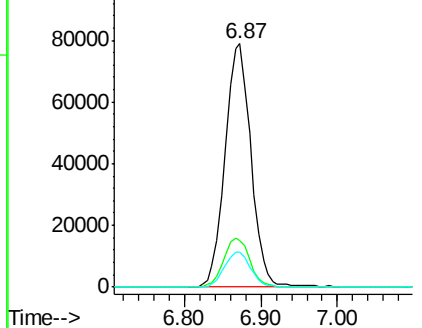
88 14.4 0.0 29.0

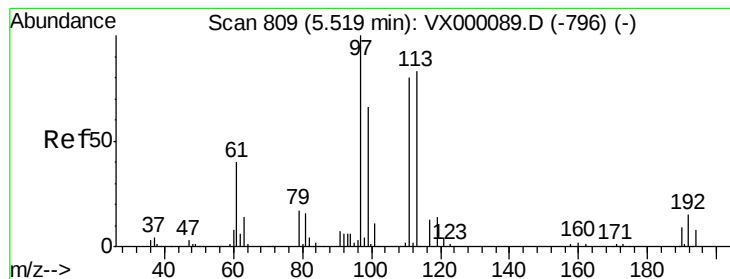


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.65 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

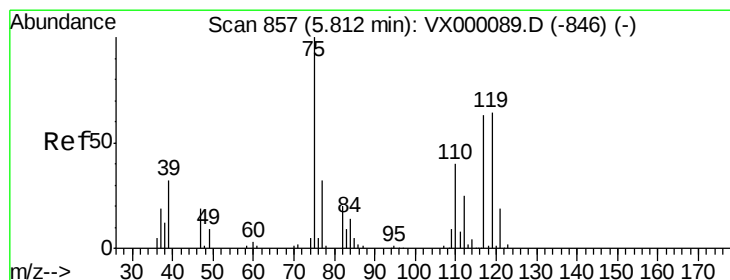
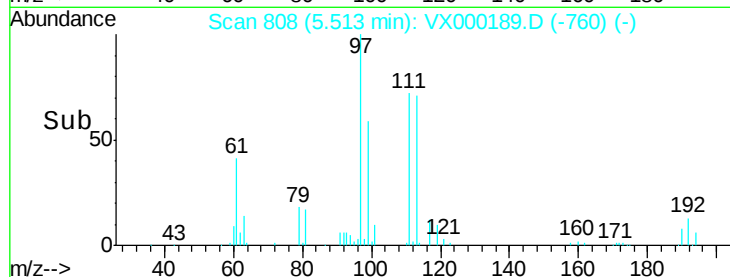
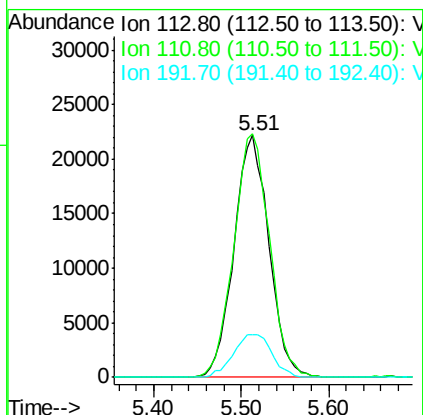
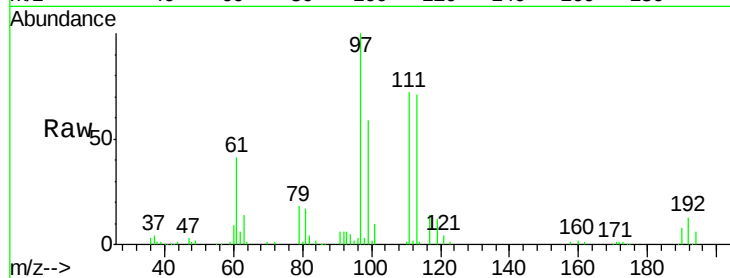
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	61498		
111	103.2	81.0	121.6	
192	19.6	15.7	23.5	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.16 ug/l

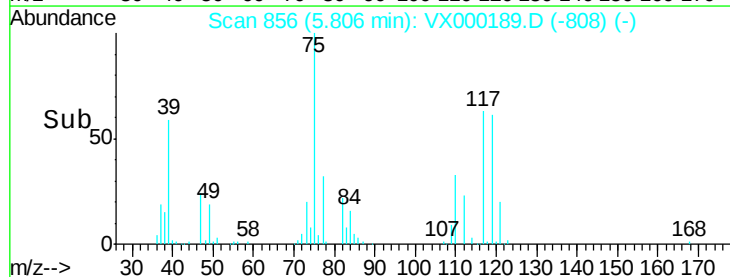
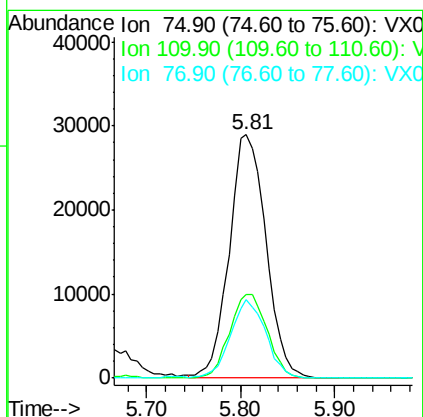
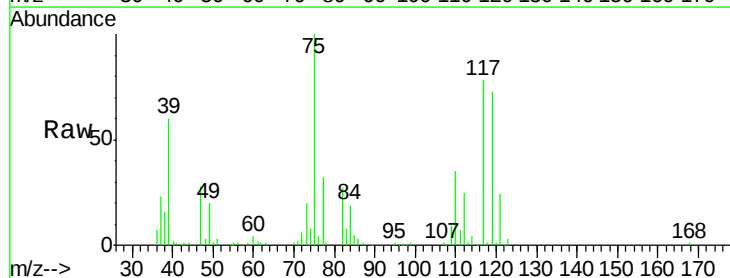
RT: 5.81 min Scan# 856

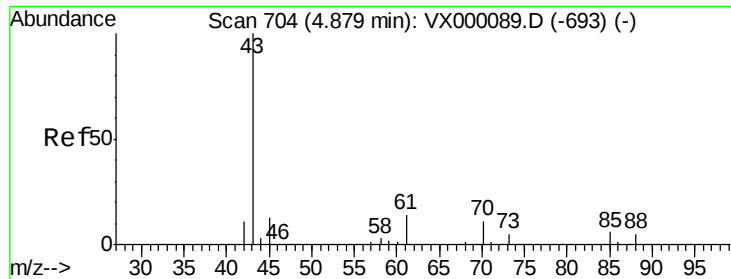
Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78324		
110	35.2	19.5	58.5	
77	31.3	24.7	37.1	





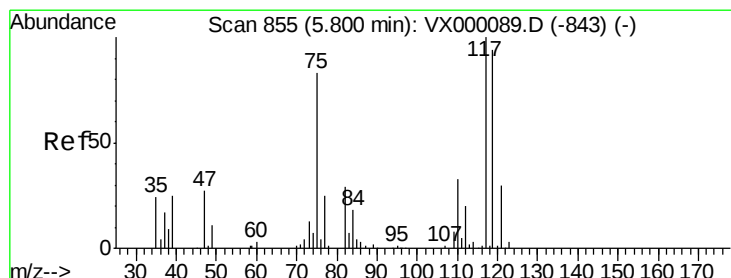
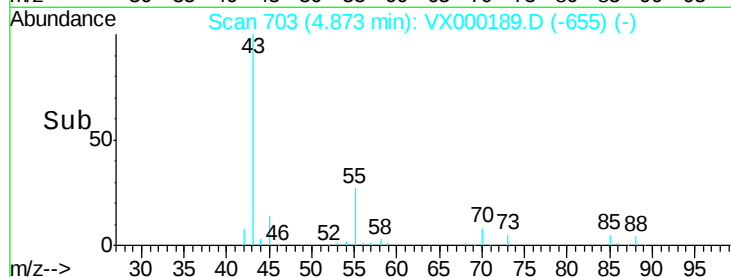
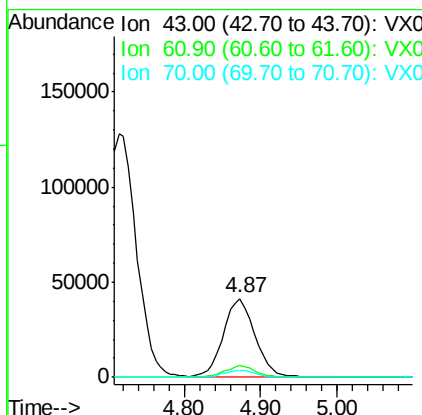
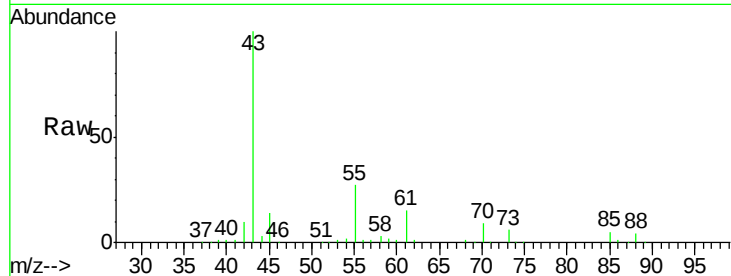
#37
Ethyl Acetate
Concen: 51.87 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	9.2	9.0	13.4

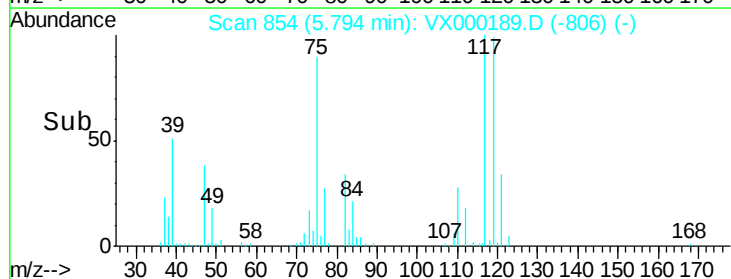
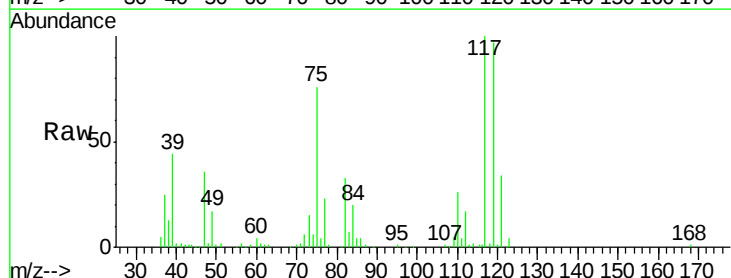
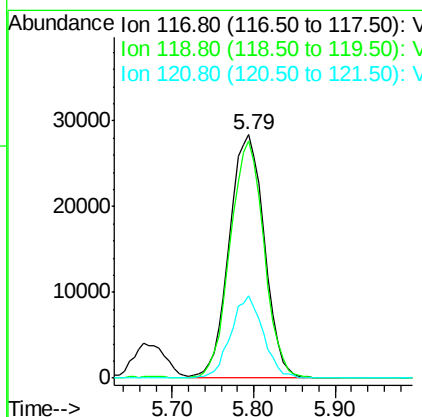
Manual Integrations
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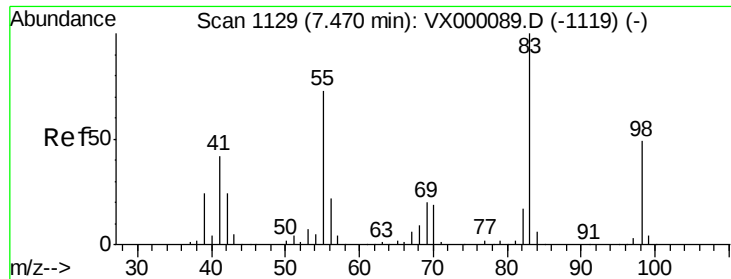
apatel
3/3/2018 1:20:15 PM



#38
Carbon Tetrachloride
Concen: 47.16 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.3	112.9
121	33.7	23.7	35.5





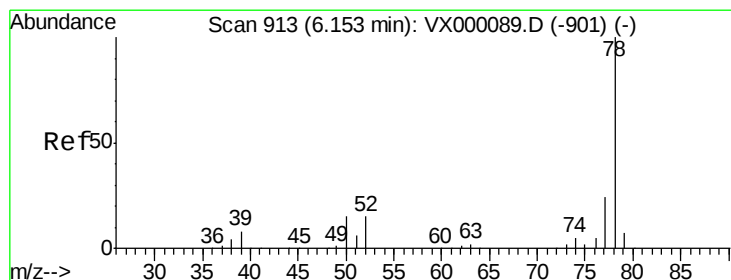
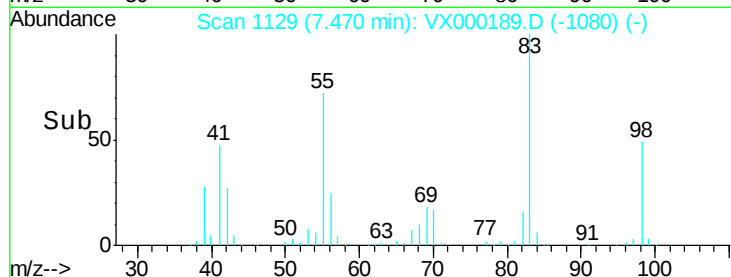
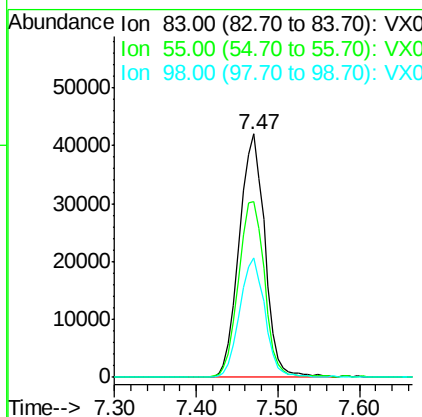
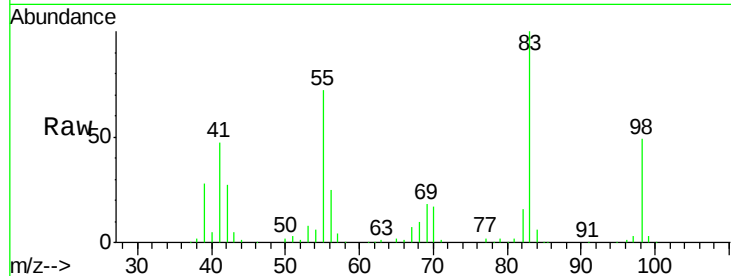
#39
Methylcyclohexane
Concen: 45.93 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.3	58.2	87.2
98	49.3	39.0	58.6

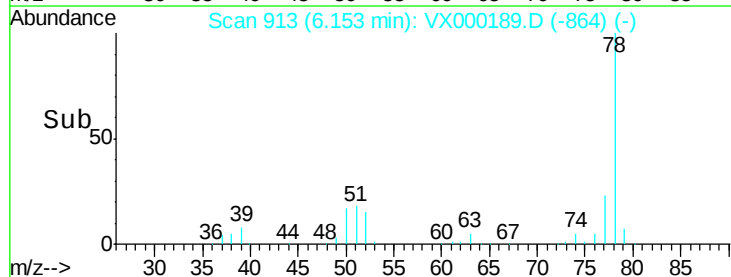
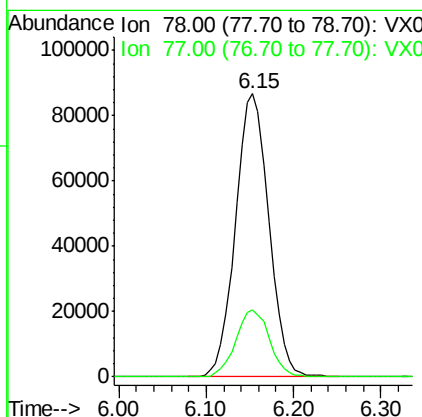
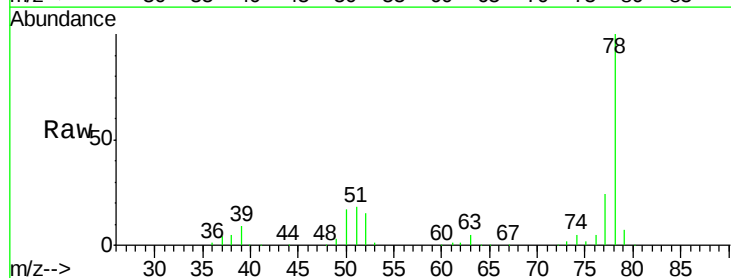
Manual Integrations
APPROVED

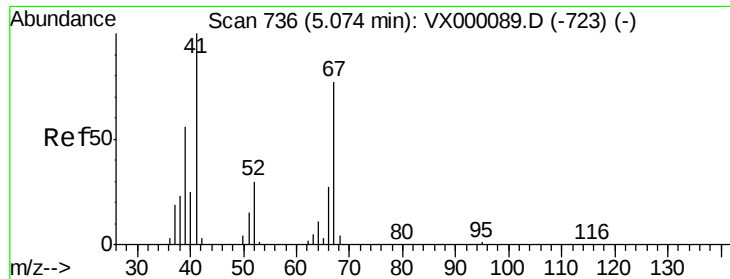
apatel
3/3/2018 1:20:15 PM



#40
Benzene
Concen: 48.59 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





#41

Methacrylonitrile

Concen: 56.32 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

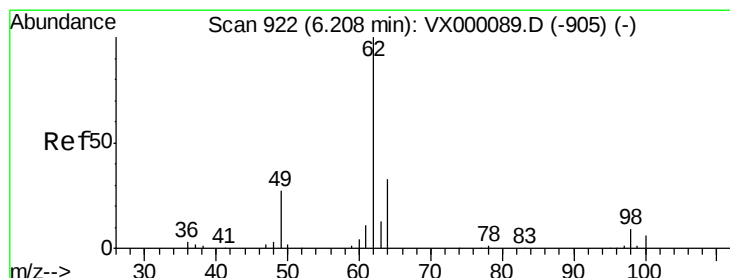
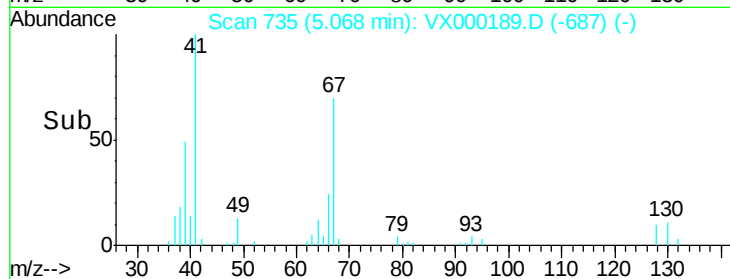
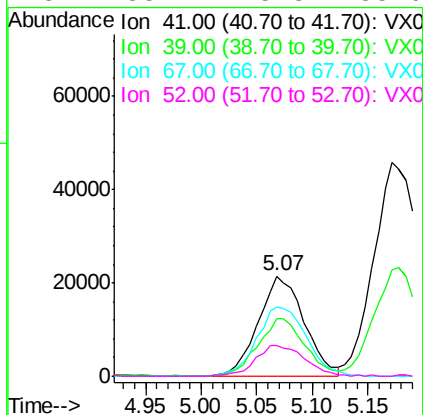
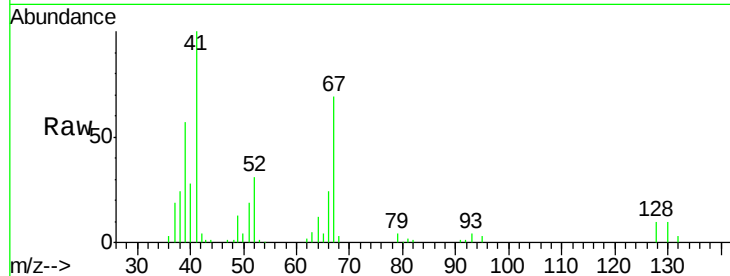
ClientSampleId :

VSTDCCC050

Tgt Ion:	41	Resp:	61606
Ion Ratio	Lower	Upper	
41	100		
39	58.0	45.1	67.7
67	74.9	61.0	91.4
52	33.4	25.8	38.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.21 ug/l

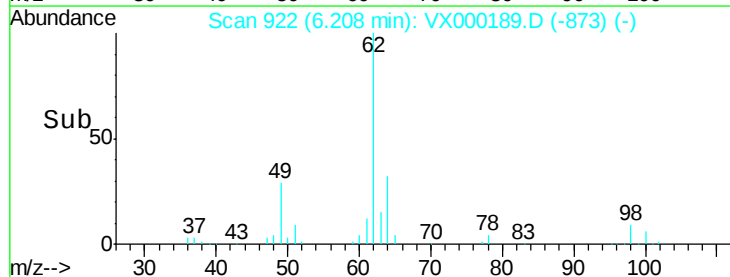
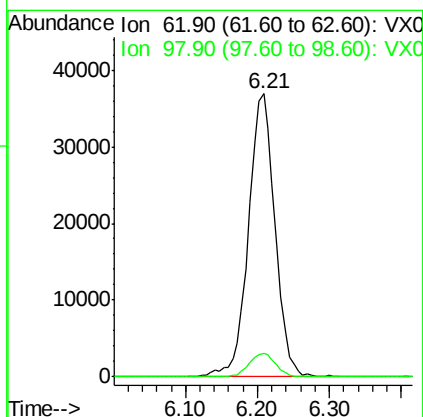
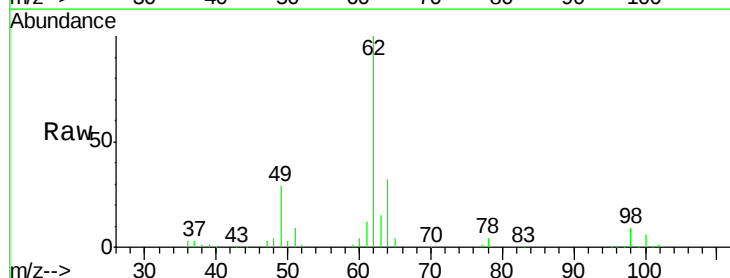
RT: 6.21 min Scan# 922

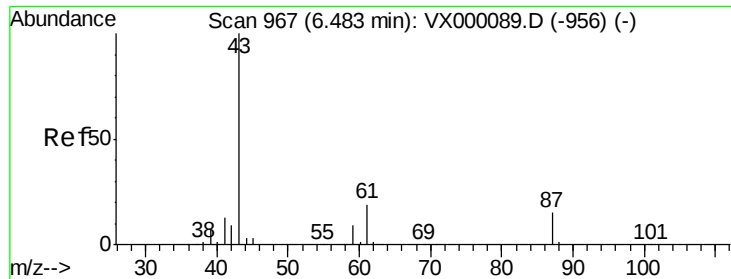
Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion:	62	Resp:	94386
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	17.8





#43

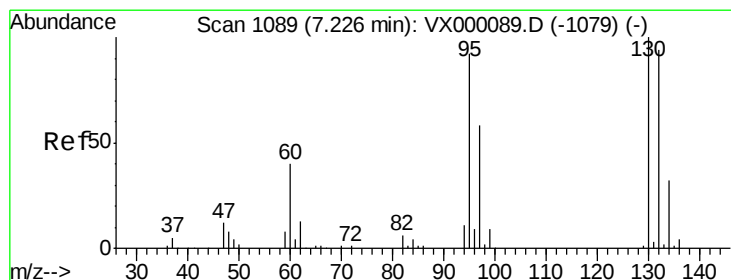
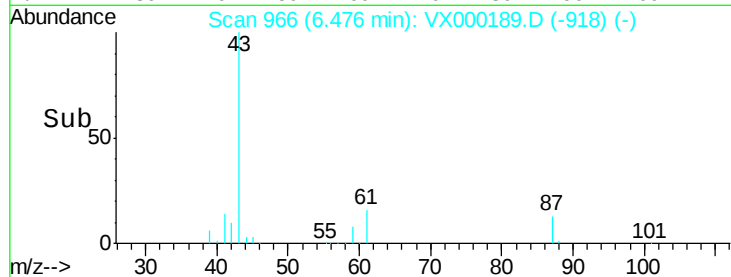
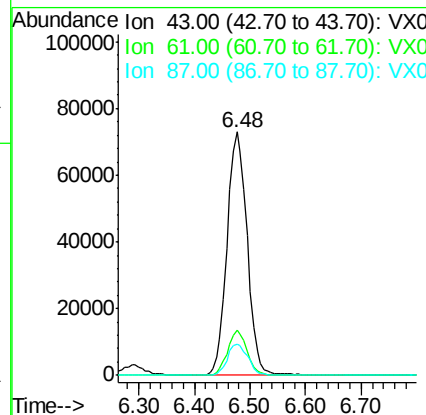
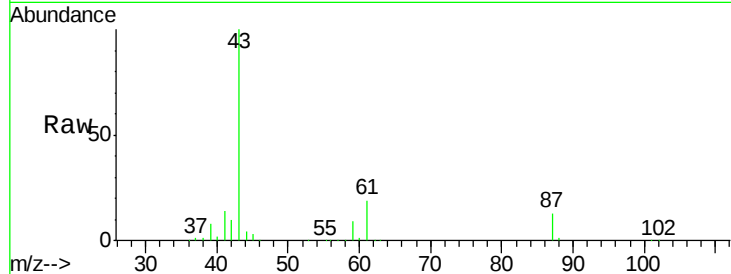
Isopropyl Acetate
 Concen: 55.43 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	15.6	23.4
87	13.2	11.7	17.5

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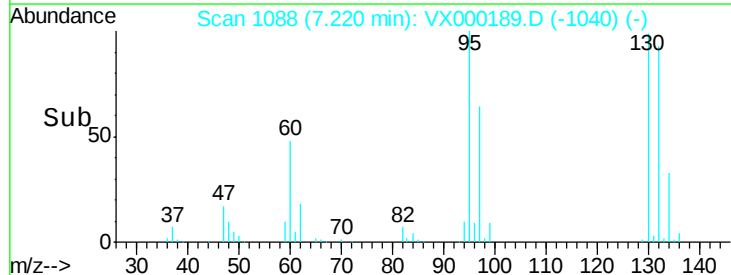
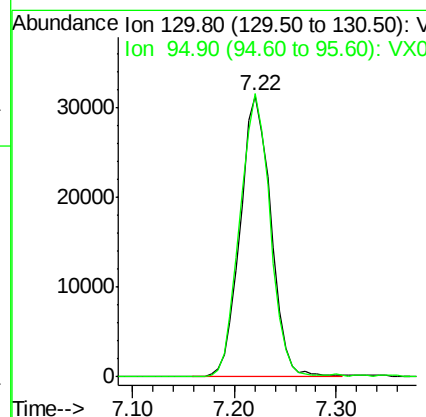
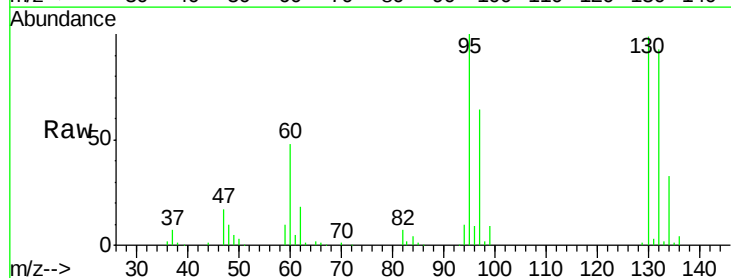
apatel
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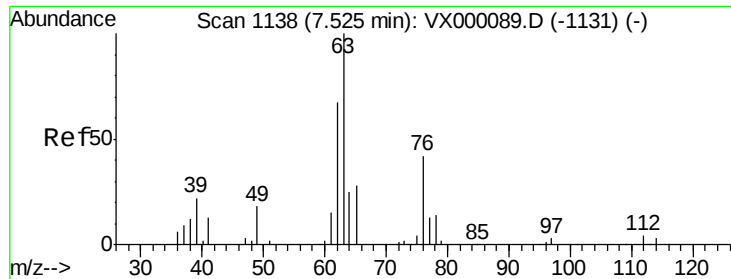


#44

Trichloroethene
 Concen: 46.87 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	183.4





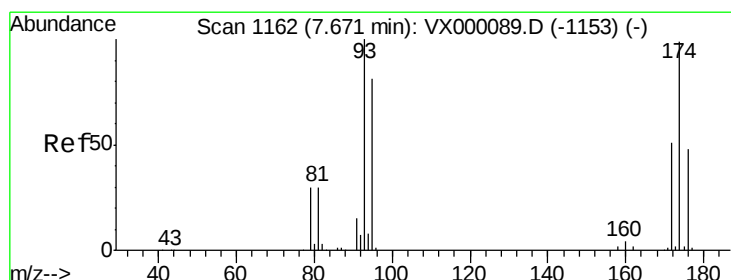
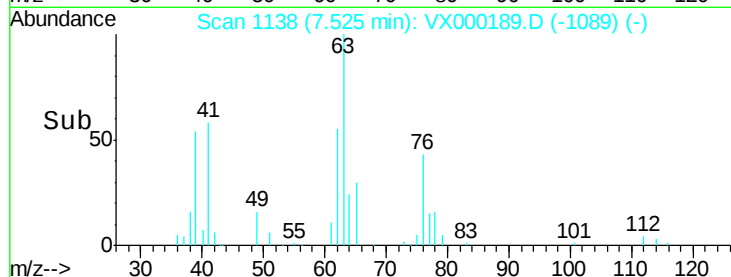
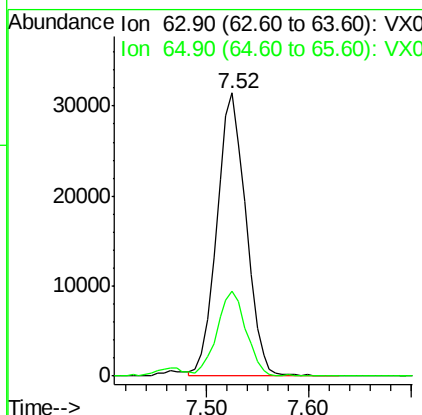
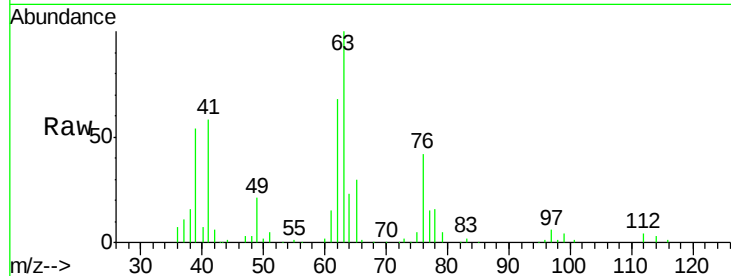
#45
 1,2-Dichloropropane
 Concen: 53.93 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 62720
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.8

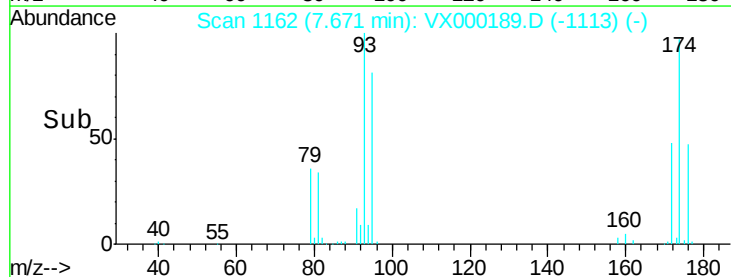
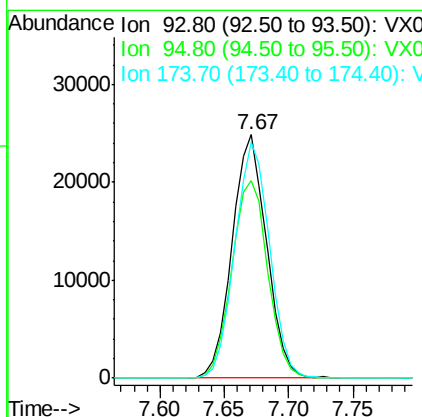
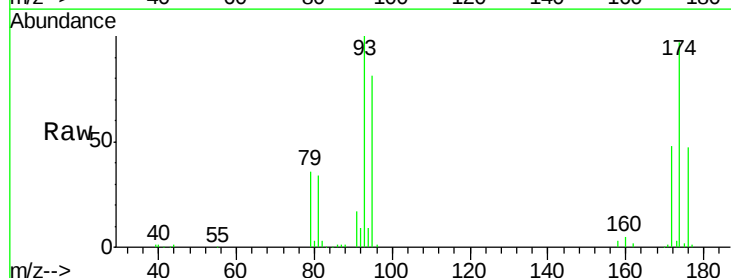
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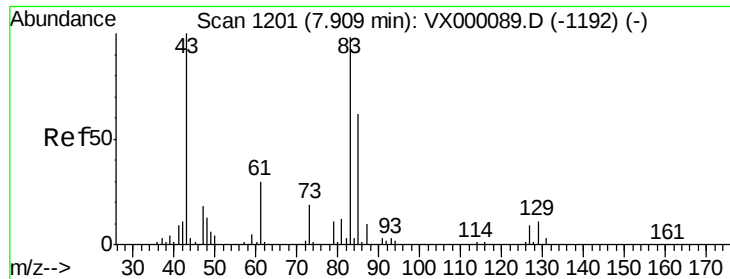
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#46
 Dibromomethane
 Concen: 50.97 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 93 Resp: 46250
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.0 97.6
 174 97.2 83.1 124.7





#47

Bromodichloromethane

Concen: 55.12 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

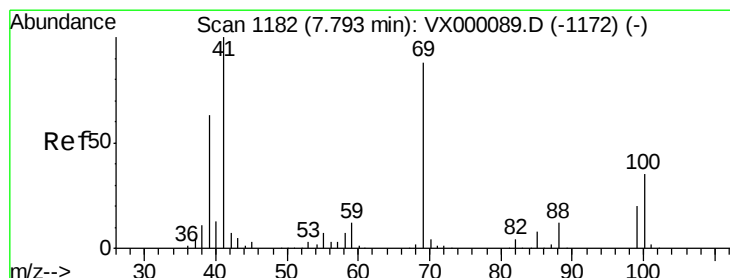
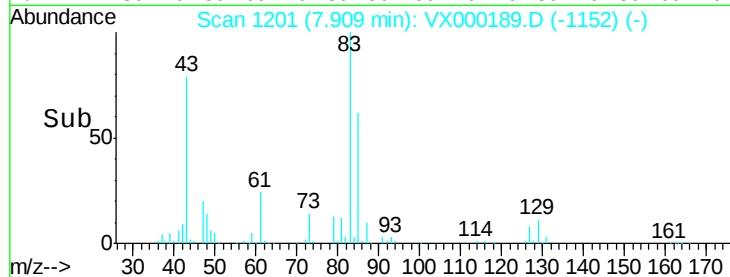
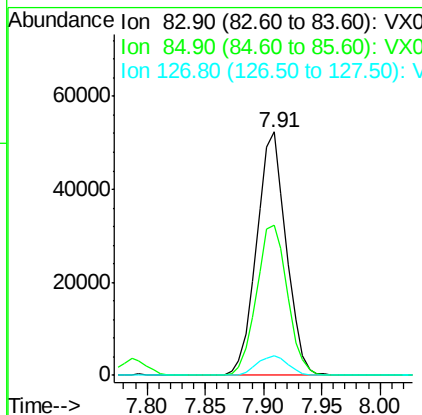
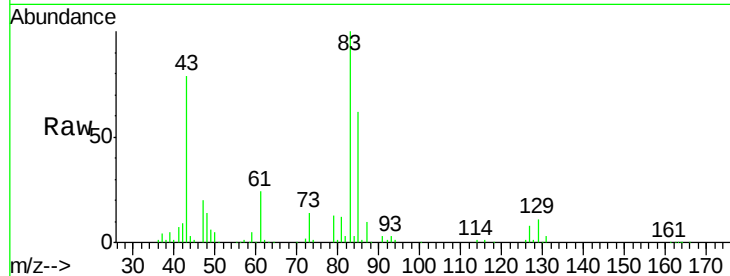
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	92387
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.4	75.6
127	7.9	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.02 ug/l

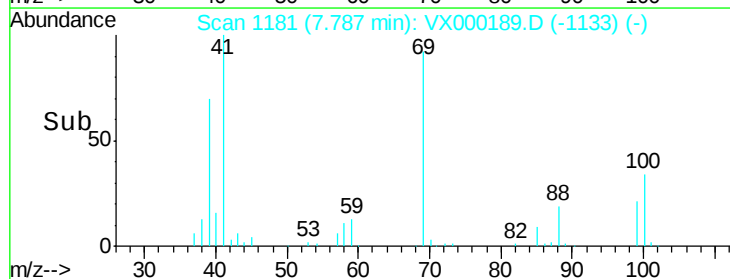
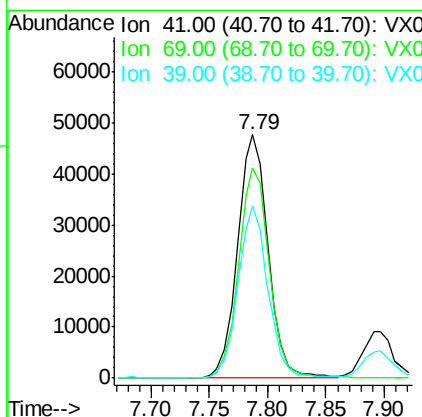
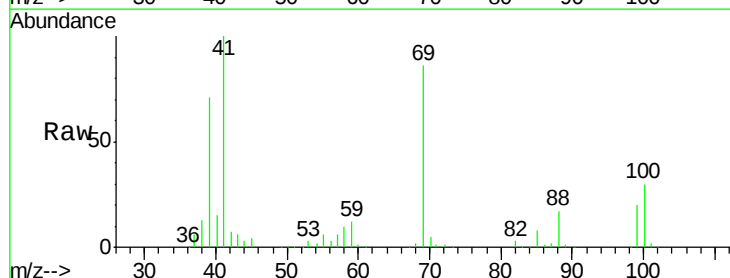
RT: 7.79 min Scan# 1181

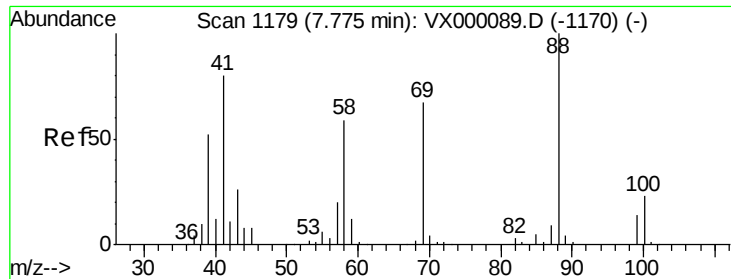
Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion:	41	Resp:	87136
Ion	Ratio	Lower	Upper
41	100		
69	87.1	70.2	105.4
39	69.0	51.0	76.6





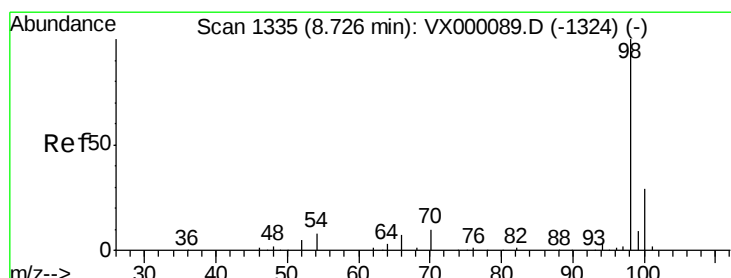
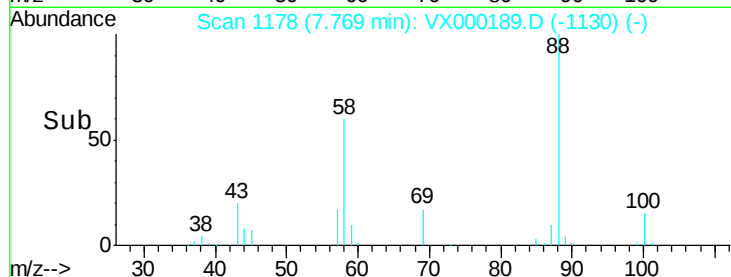
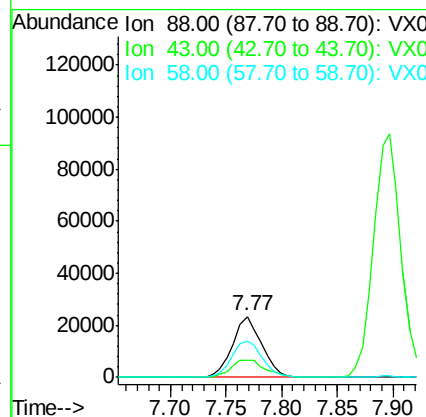
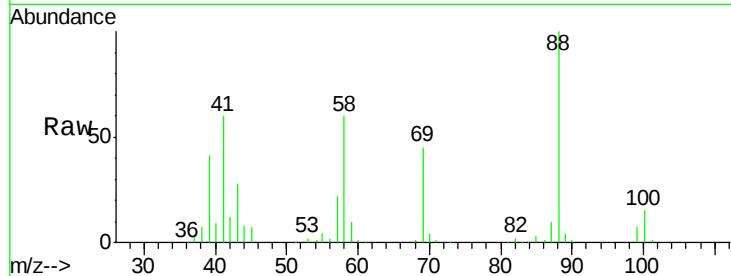
#49
1,4-Dioxane
Concen: 1001.67 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.5	24.1	36.1
58	63.9	49.0	73.6

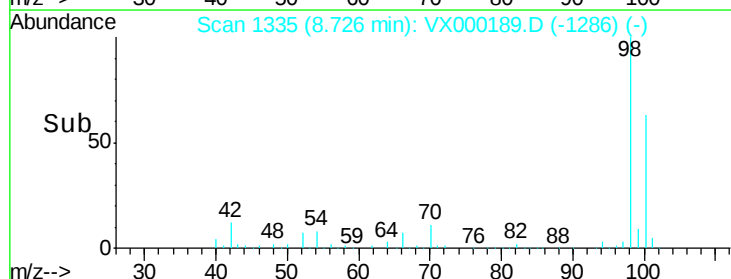
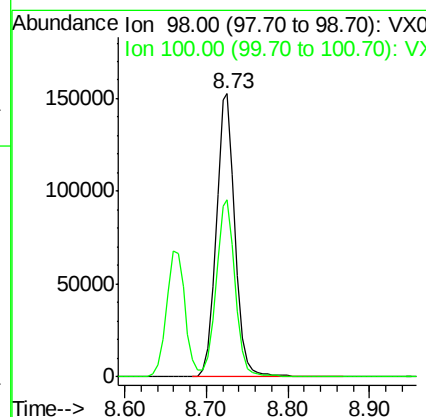
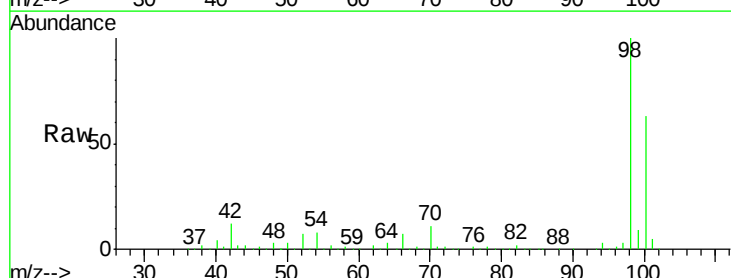
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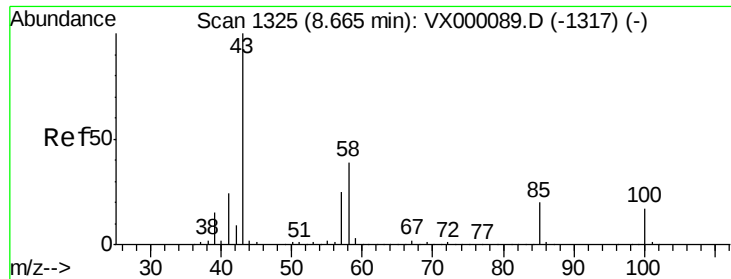
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#50
Toluene-d8
Concen: 53.54 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 304.40 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 732134

Ion Ratio Lower Upper

43 100

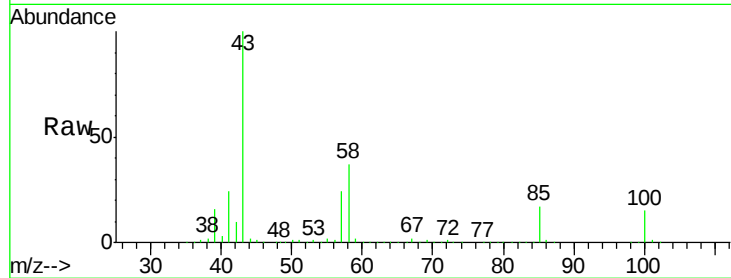
58 37.7 31.6 47.4

Manual Integrations

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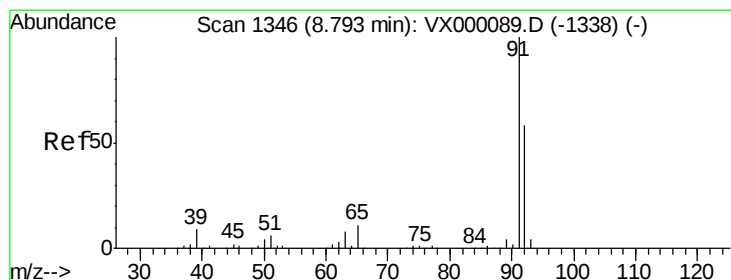
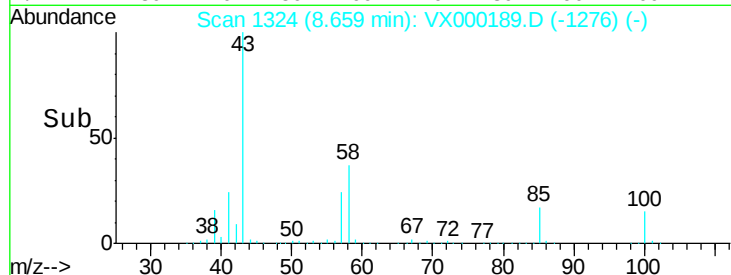
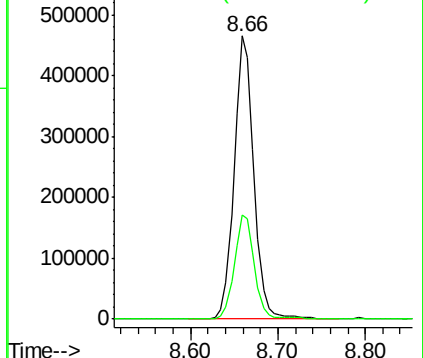
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.27 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000189.D

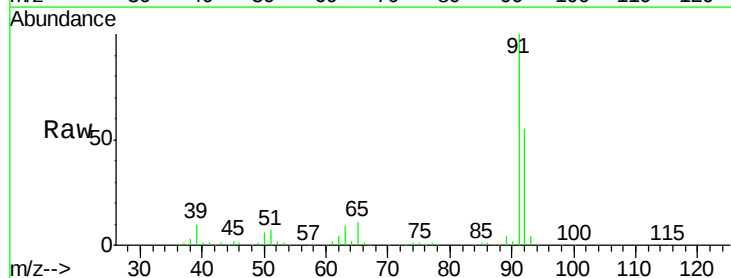
Acq: 02 Mar 2018 09:48

Tgt Ion: 92 Resp: 162522

Ion Ratio Lower Upper

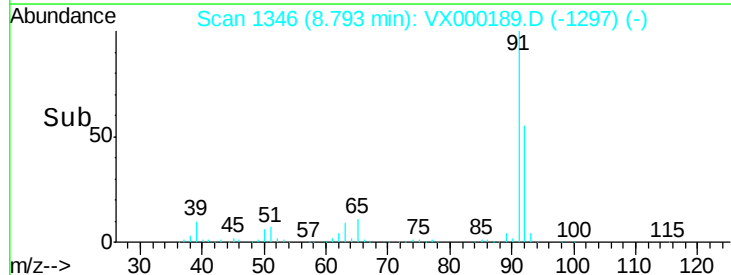
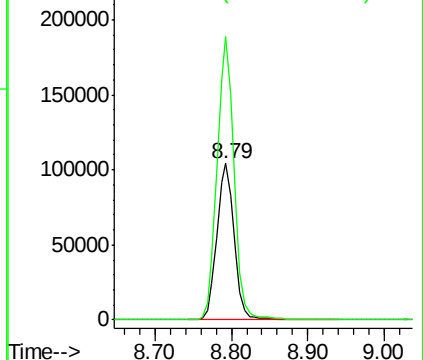
92 100

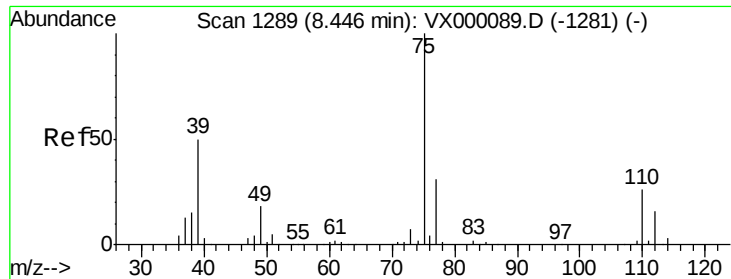
91 177.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





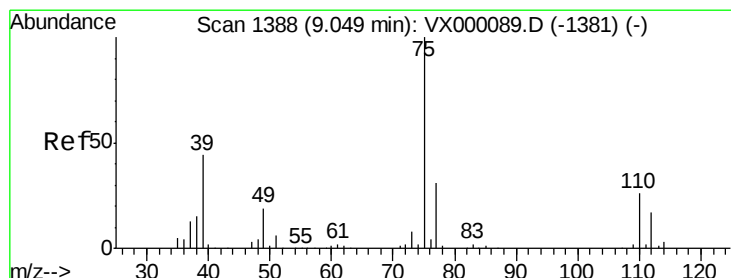
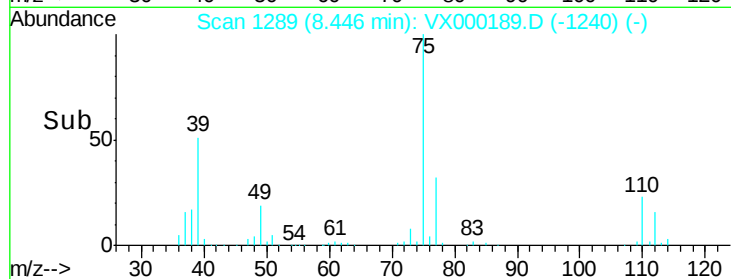
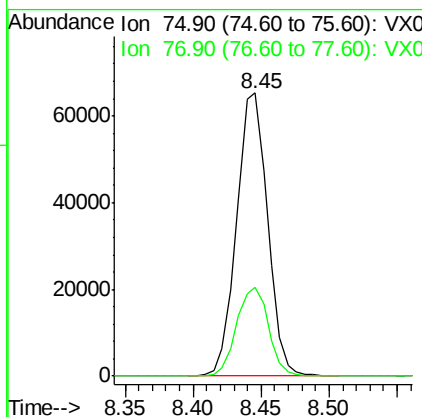
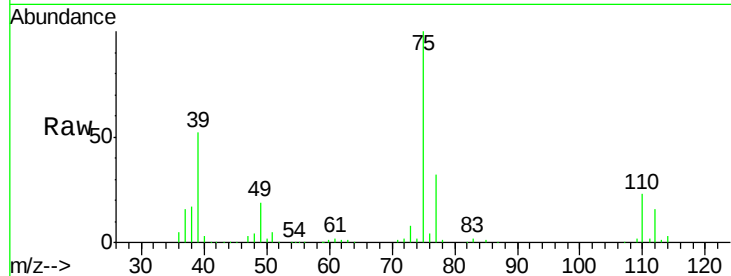
#53
 t-1,3-Dichloropropene
 Concen: 52.75 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 103963
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6

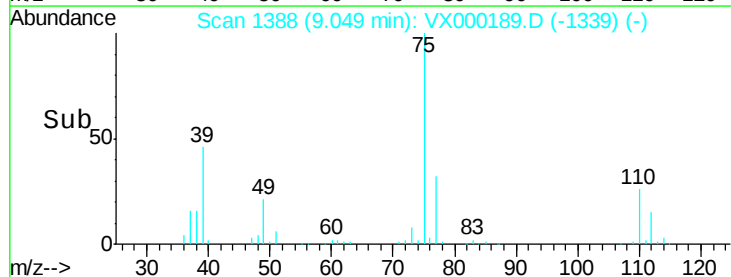
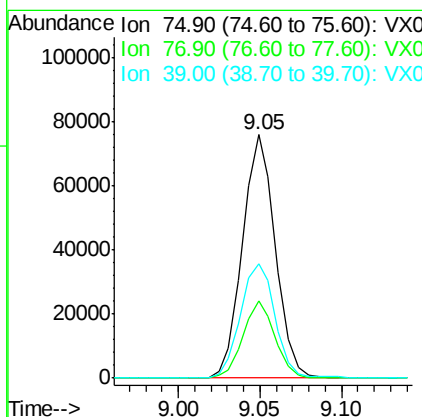
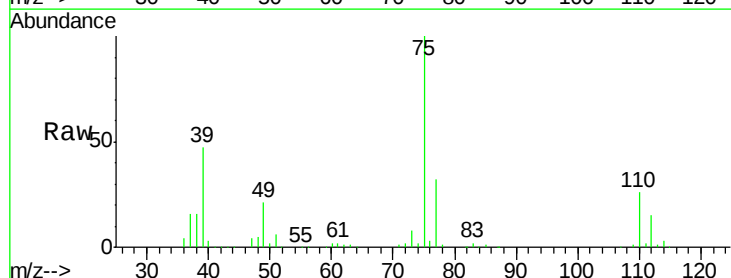
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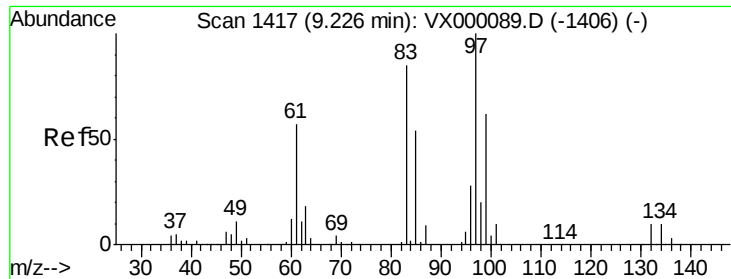
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#54
 cis-1,3-Dichloropropene
 Concen: 54.51 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 75 Resp: 106674
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6
 39 46.7 35.4 53.0





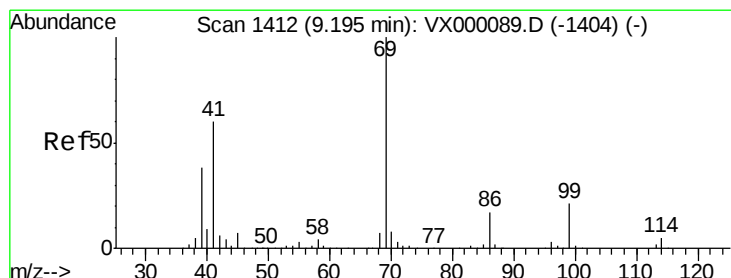
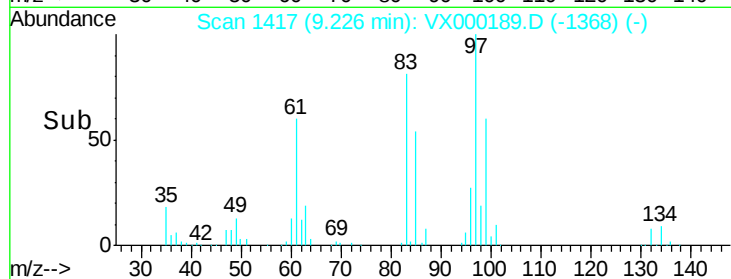
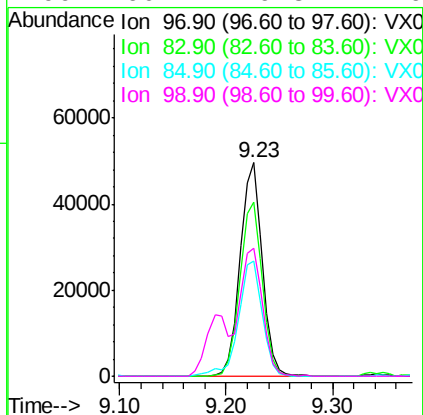
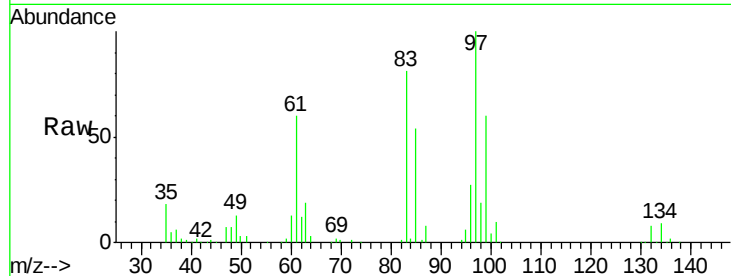
#55
 1,1,2-Trichloroethane
 Concen: 55.18 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	72339
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.6	101.4
85	53.8	42.9	64.3
99	60.2	49.8	74.6

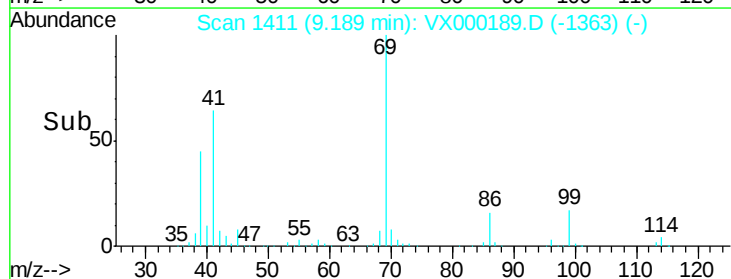
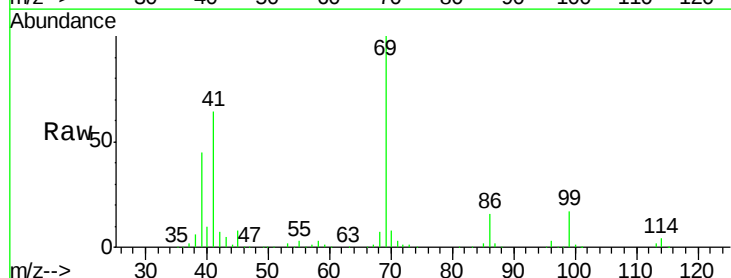
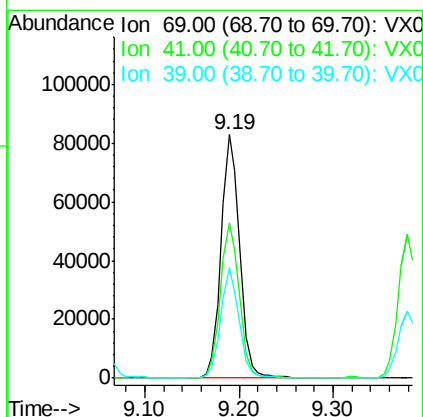
Manual Integrations
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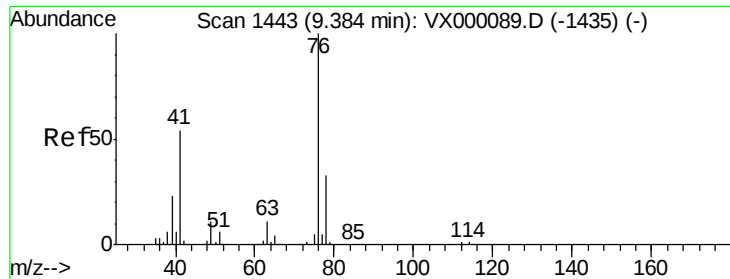
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#56
 Ethyl methacrylate
 Concen: 56.47 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion:	69	Resp:	113610
Ion	Ratio	Lower	Upper
69	100		
41	65.2	49.4	74.0
39	44.3	31.3	46.9





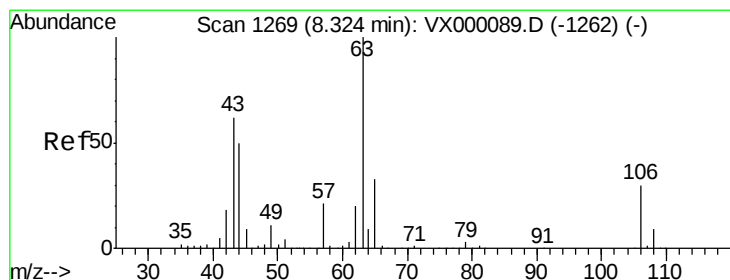
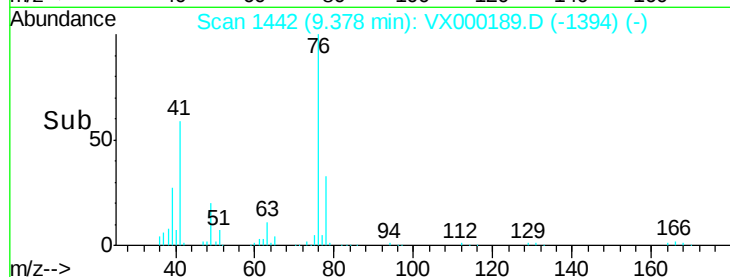
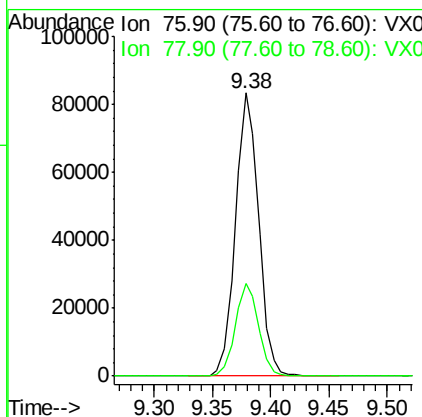
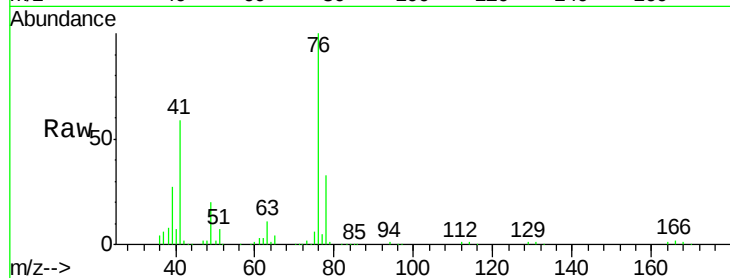
#57
 1,3-Dichloropropane
 Concen: 55.68 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 115944
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

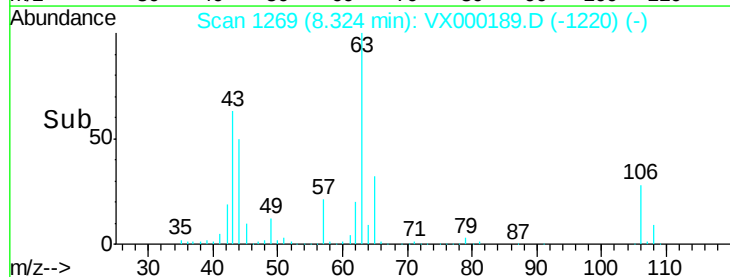
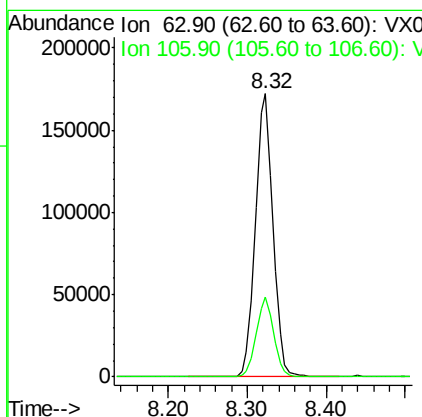
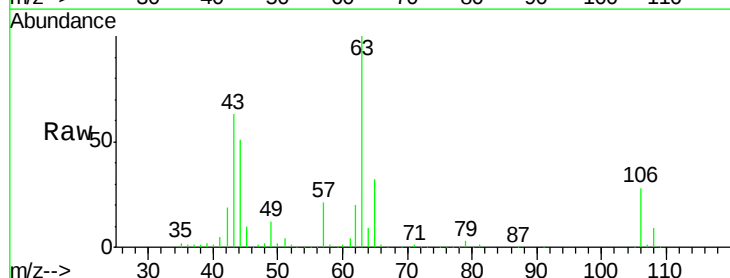
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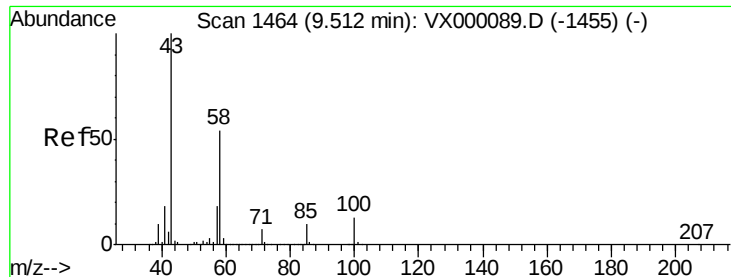
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.98 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 63 Resp: 267406
 Ion Ratio Lower Upper
 63 100
 106 28.0 24.6 37.0





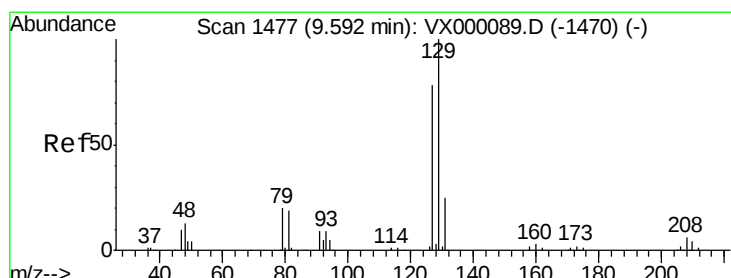
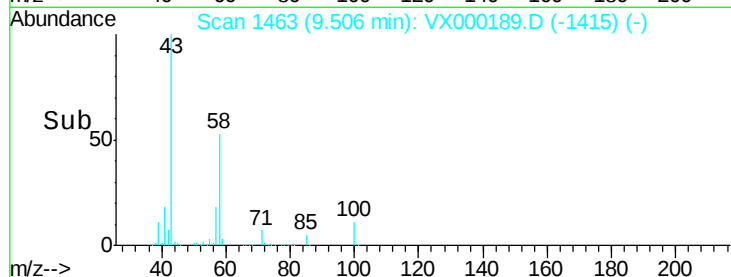
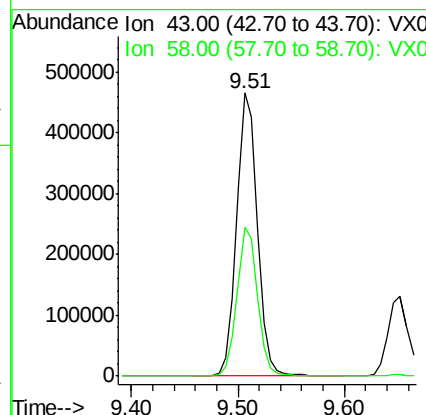
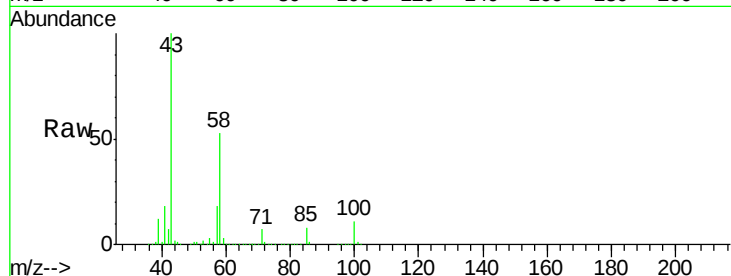
#59
2-Hexanone
Concen: 313.55 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 638524
Ion Ratio Lower Upper
43 100
58 52.3 27.1 81.3

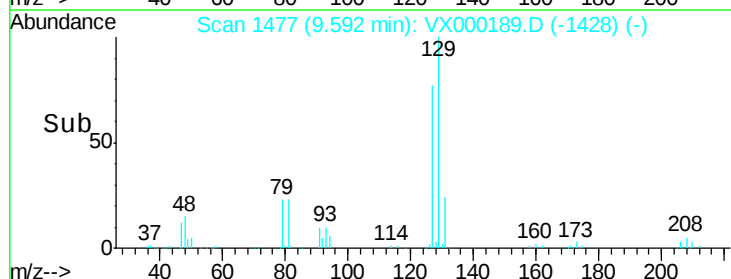
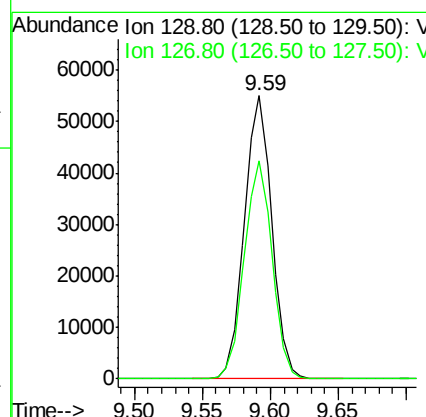
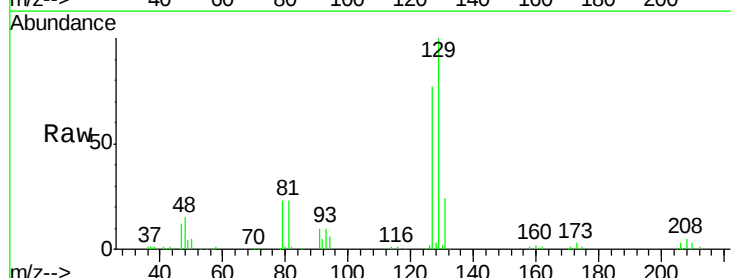
Manual Integrations
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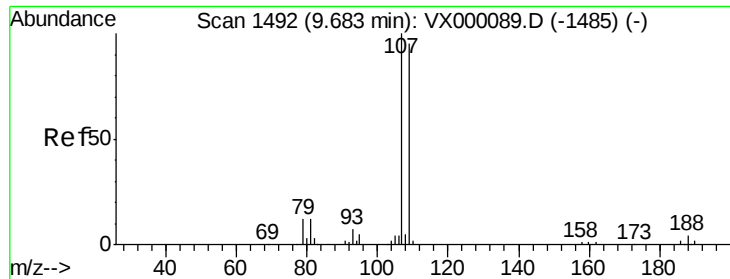
apatel
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#60
Dibromochloromethane
Concen: 52.20 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 129 Resp: 77507
Ion Ratio Lower Upper
129 100
127 78.2 37.6 112.9





#61

1,2-Dibromoethane

Concen: 53.93 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 78457

Ion Ratio Lower Upper

107 100

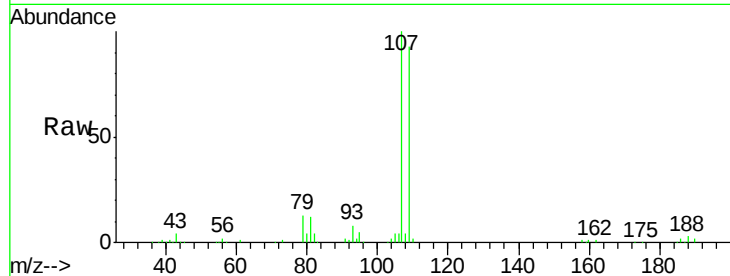
109 93.8 76.4 114.6

Manual Integrations

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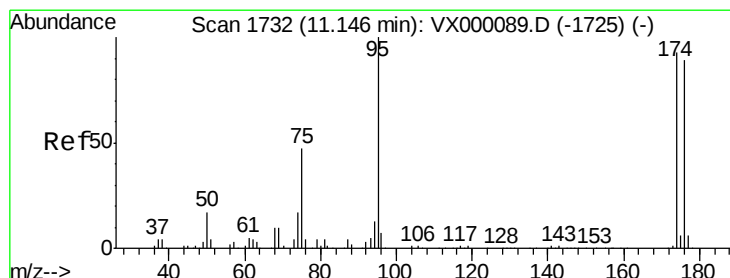
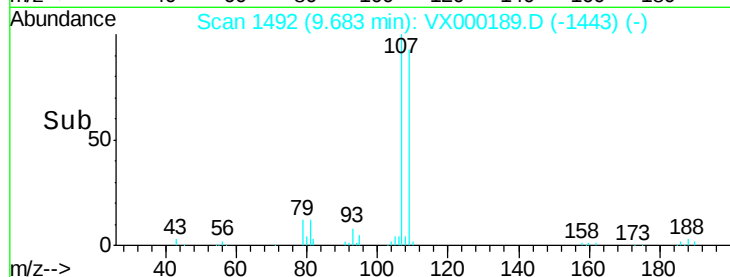
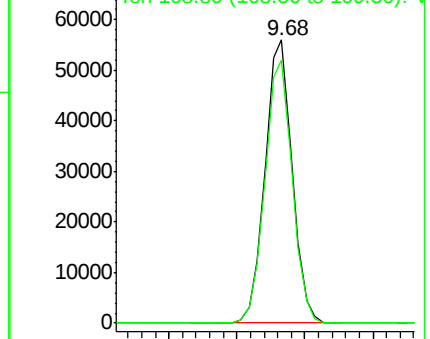
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

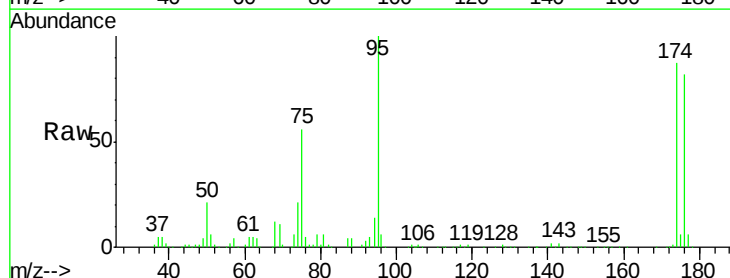
Tgt Ion: 95 Resp: 102646

Ion Ratio Lower Upper

95 100

174 84.2 0.0 187.8

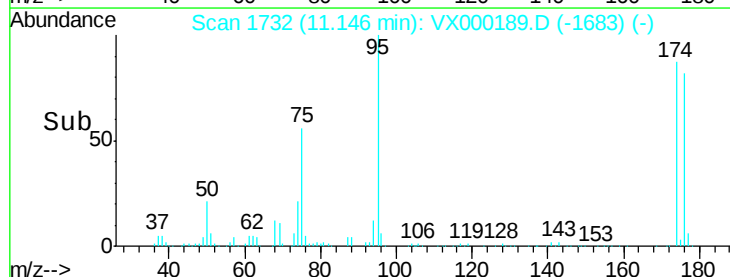
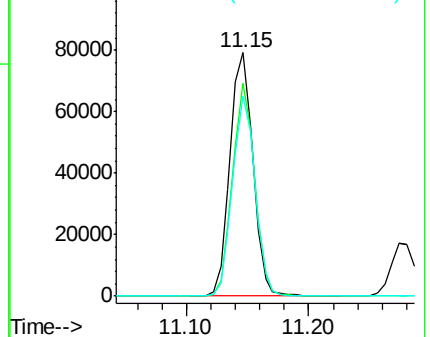
176 80.7 0.0 181.2

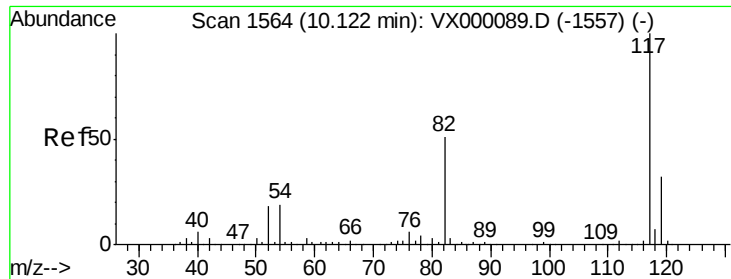


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





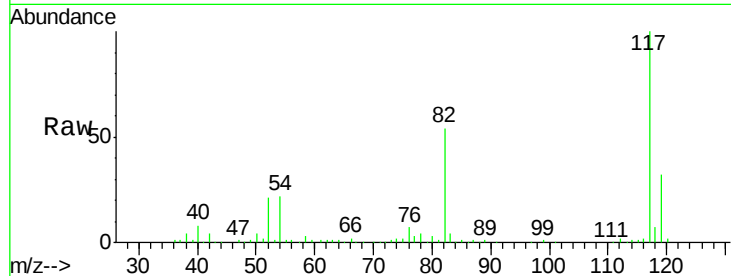
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

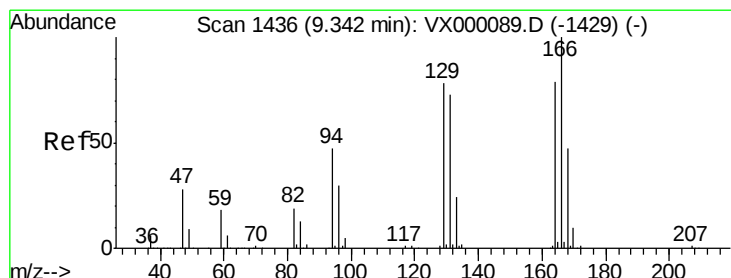
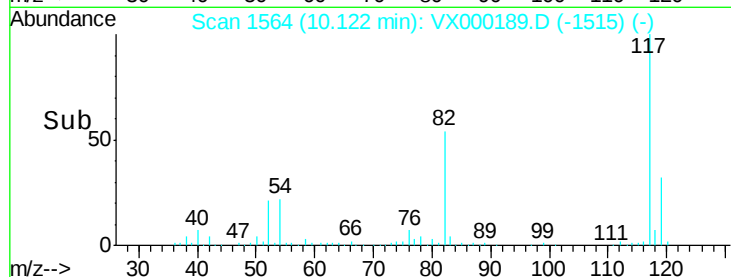
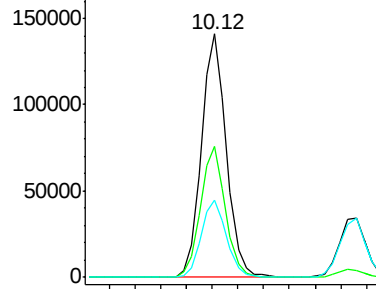
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.0	61.6
119	31.8	25.5	38.3

Manual Integrations
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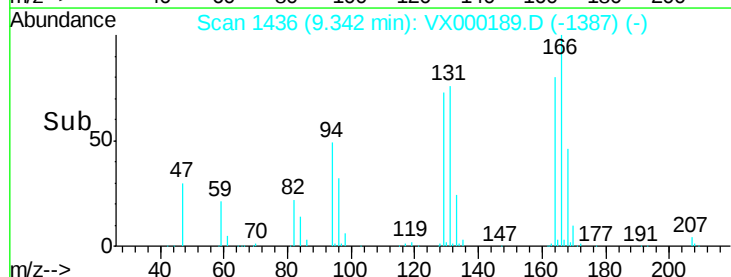
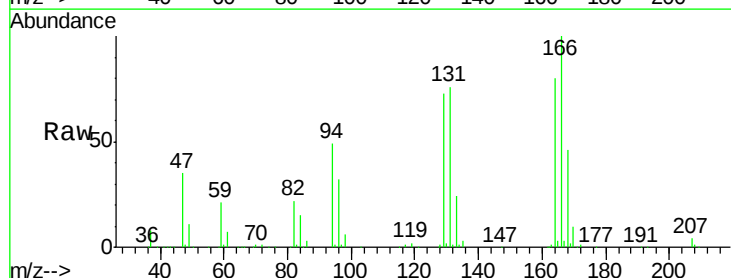
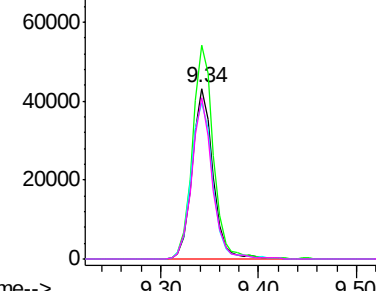
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

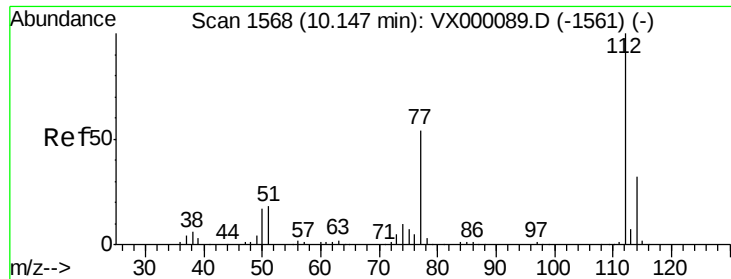


#64
Tetrachloroethene
Concen: 45.94 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.4	152.2
129	91.8	78.6	118.0
131	94.6	73.8	110.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





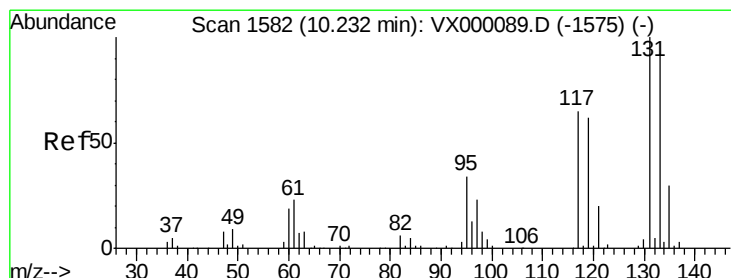
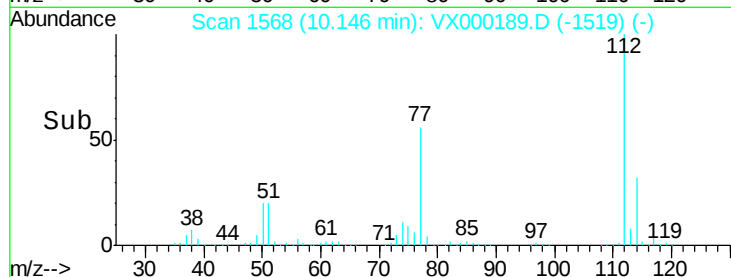
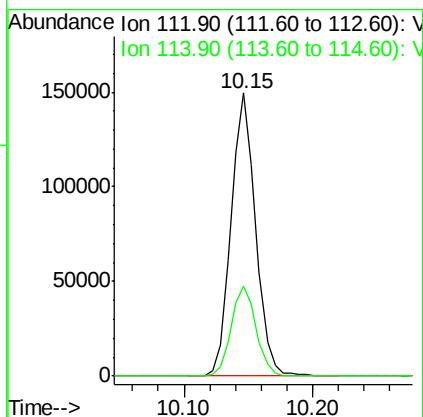
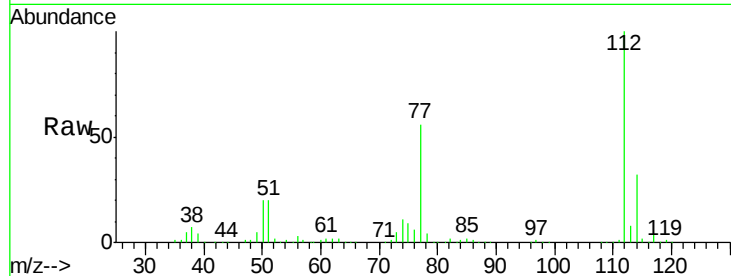
#65
Chlorobenzene
Concen: 49.55 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 199351
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

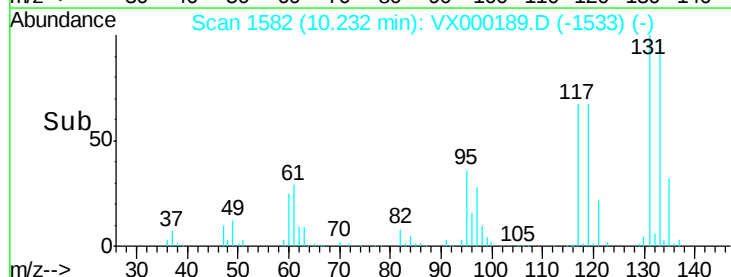
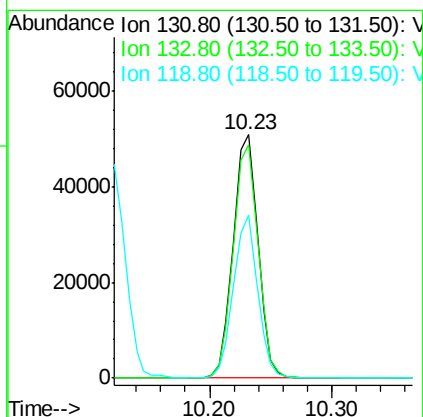
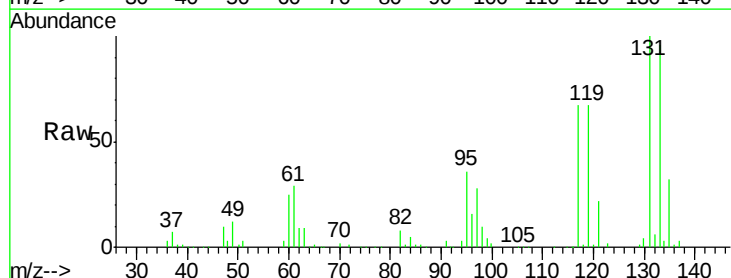
Manual Integrations
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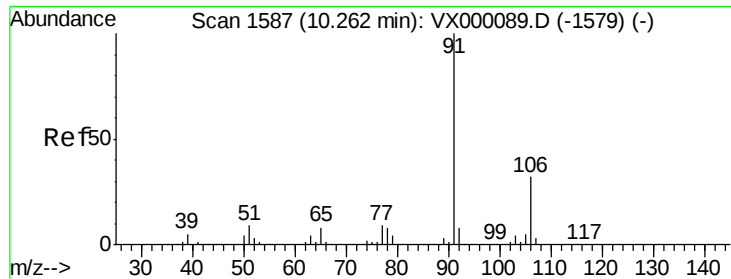
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.74 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion:131 Resp: 71426
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 65.5 31.7 95.1





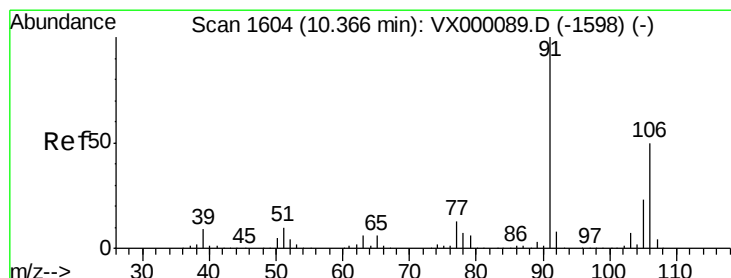
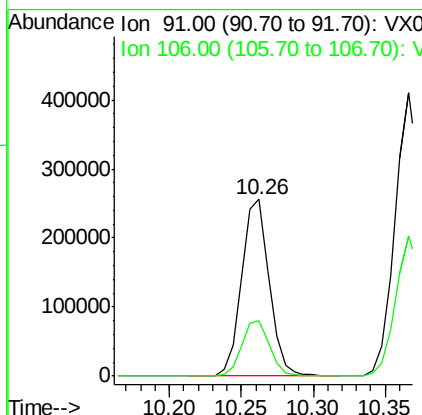
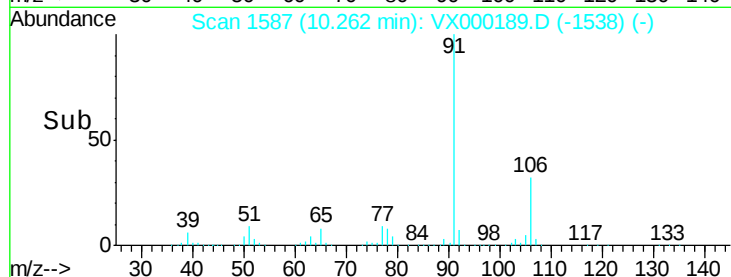
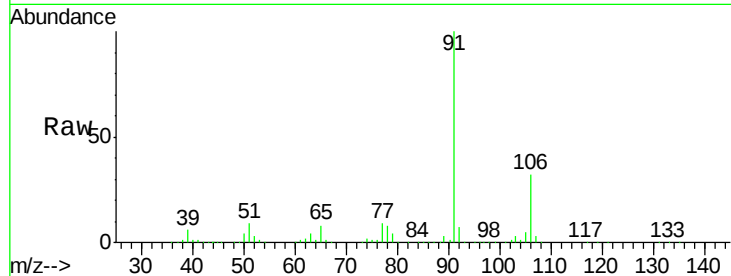
#67
Ethyl Benzene
Concen: 50.48 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 340924
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6

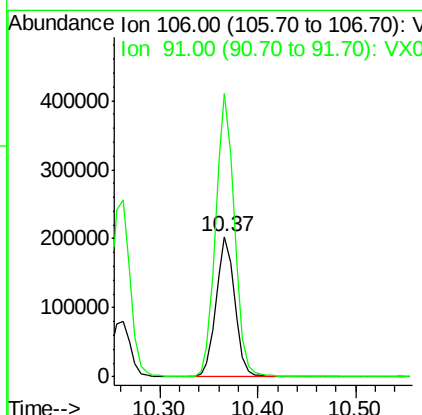
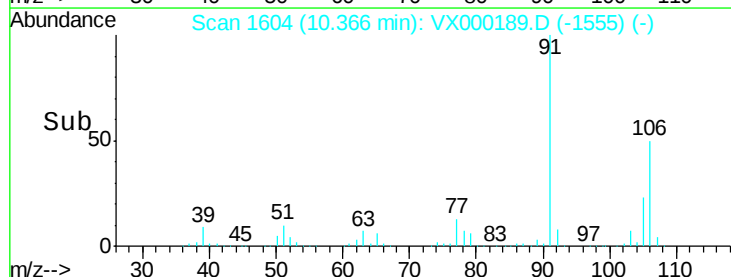
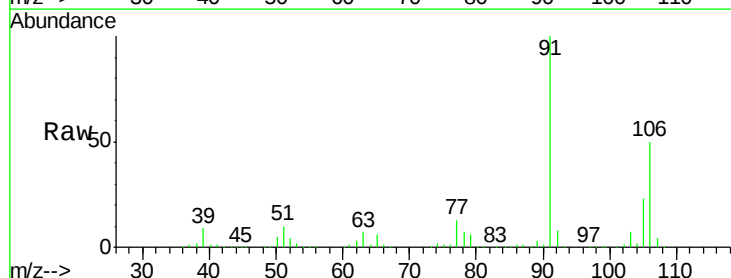
Manual Integrations
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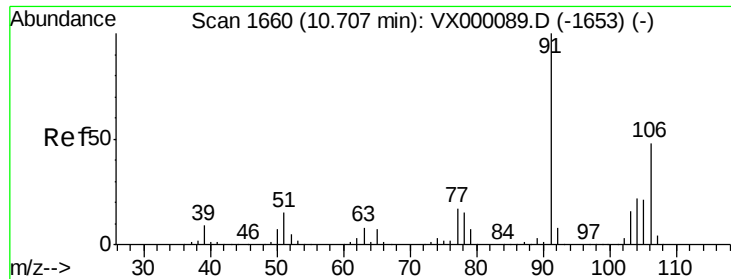
apatel
3/3/2018 1:20:15 PM



#68
m/p-Xylenes
Concen: 101.05 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 106 Resp: 270241
Ion Ratio Lower Upper
106 100
91 203.3 159.1 238.7





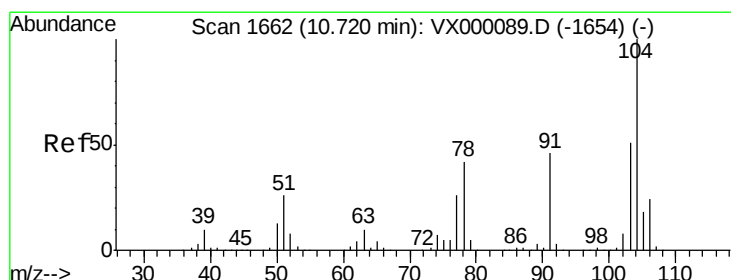
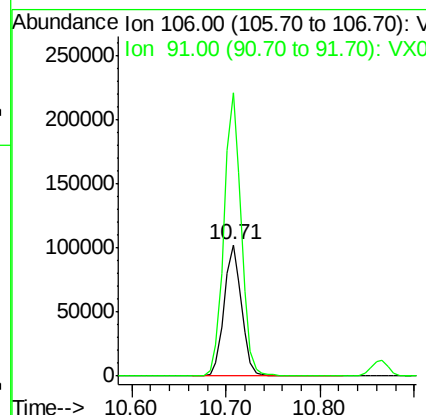
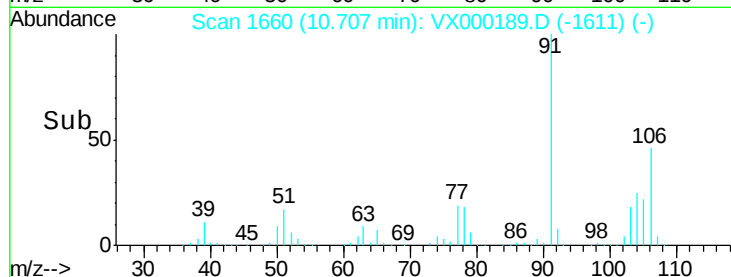
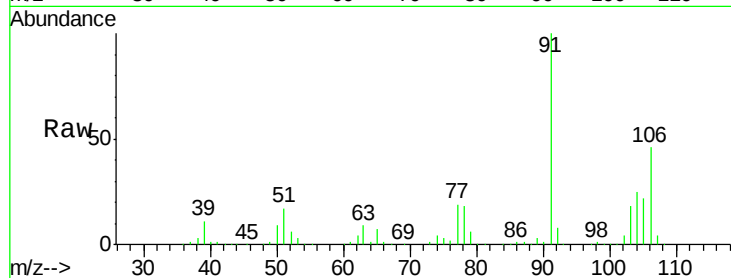
#69
o-Xylene
Concen: 51.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 131728
Ion Ratio Lower Upper
106 100
91 212.1 103.8 311.6

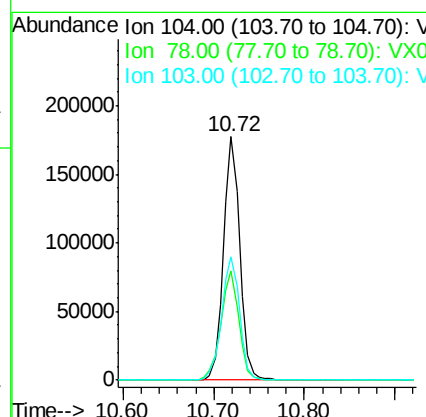
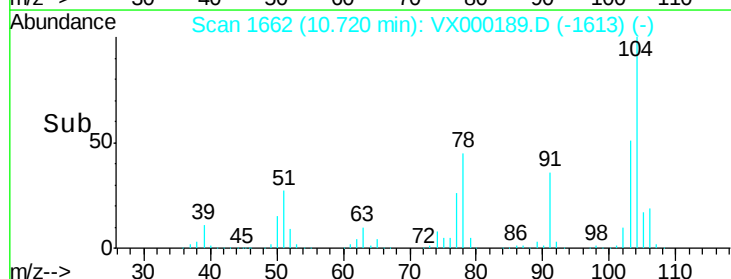
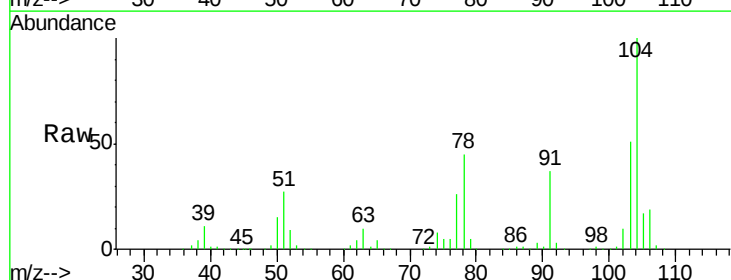
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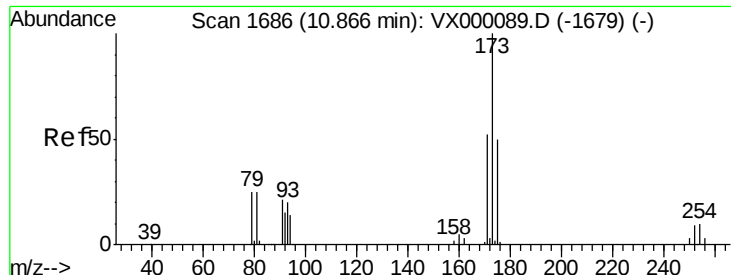
apatel
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#70
Styrene
Concen: 52.93 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion:104 Resp: 223212
Ion Ratio Lower Upper
104 100
78 49.7 38.2 57.4
103 55.9 44.2 66.4





#71

Bromoform

Concen: 49.54 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

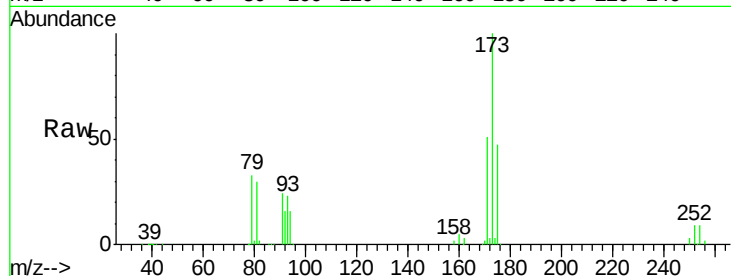
ClientSampleId :

VSTDCCC050

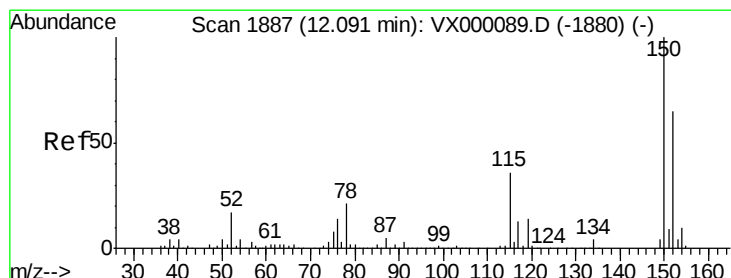
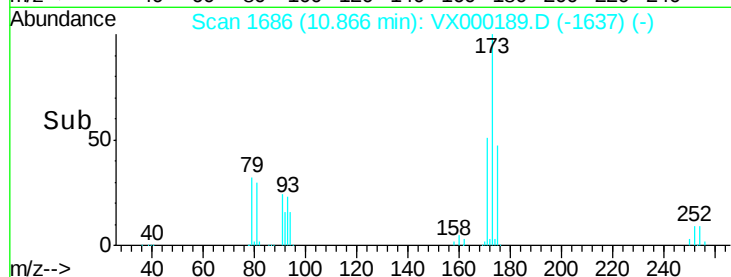
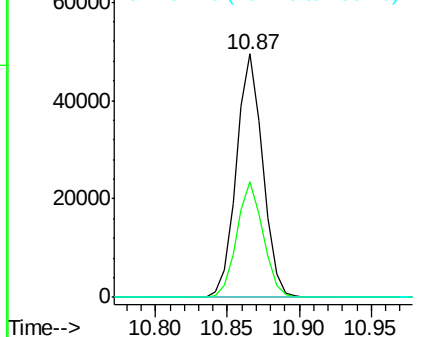
Tgt Ion:	173	Resp:	63343
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.3	73.0
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

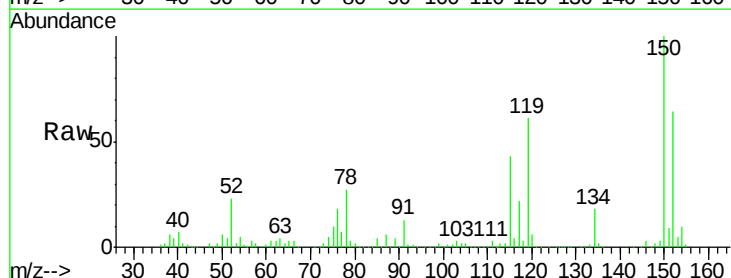
RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

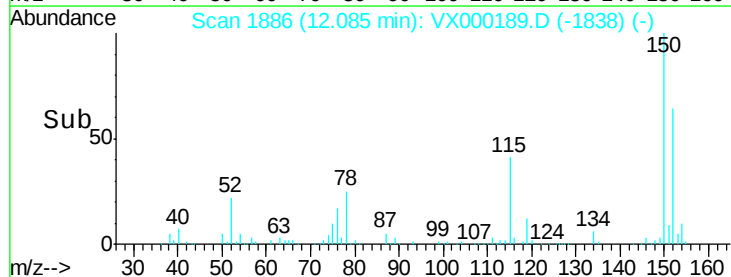
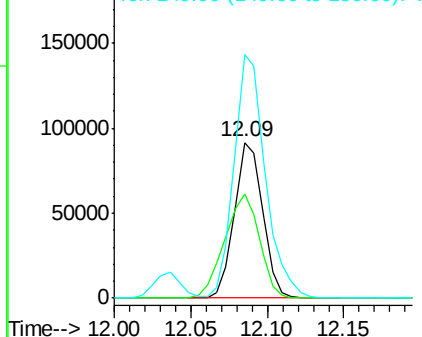
Lab File: VX000189.D

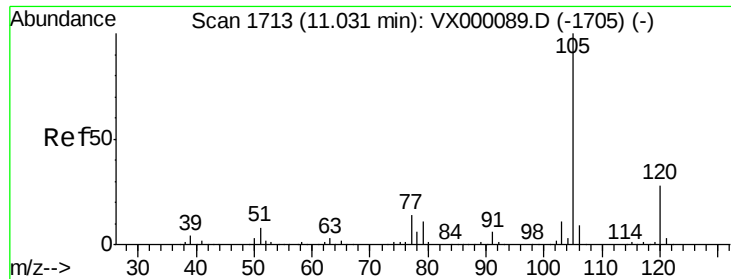
Acq: 02 Mar 2018 09:48

Tgt Ion:	152	Resp:	117599
Ion Ratio	Lower	Upper	
152	100		
115	81.3	39.1	117.2
150	173.6	0.0	348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.05 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 365574

Ion Ratio Lower Upper

105 100

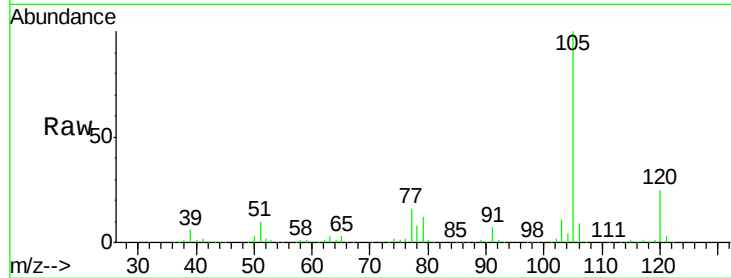
120 26.5 14.0 42.0

Manual Integrations

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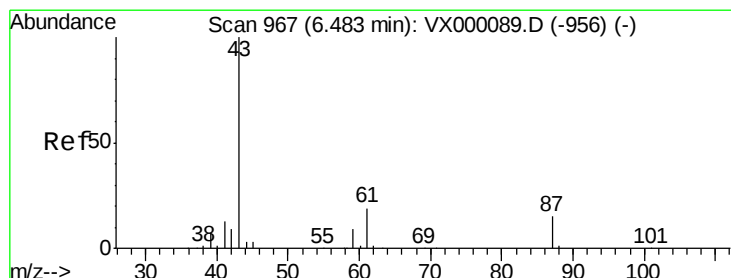
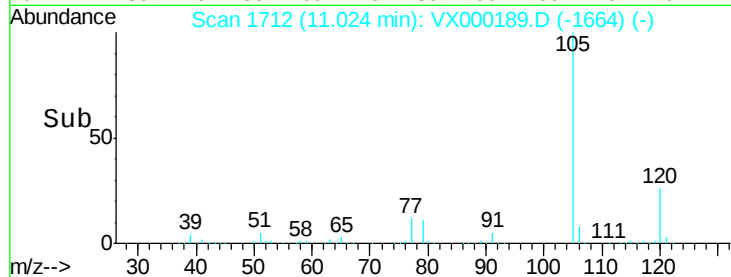
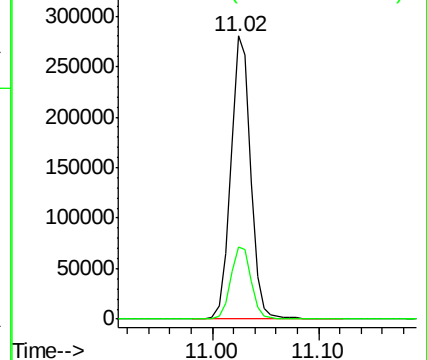
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.44 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion: 43 Resp: 182390

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

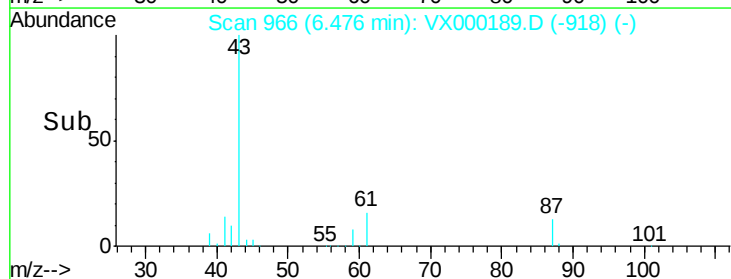
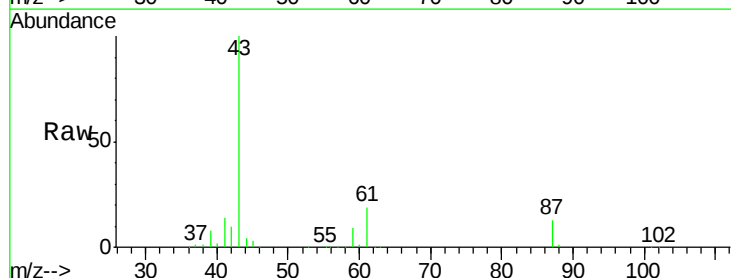
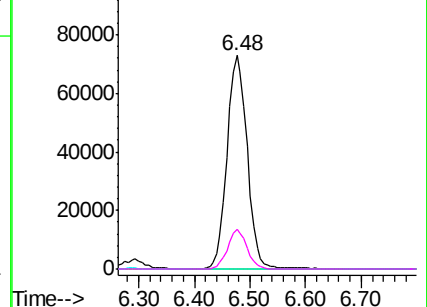
61 17.9 15.6 23.4

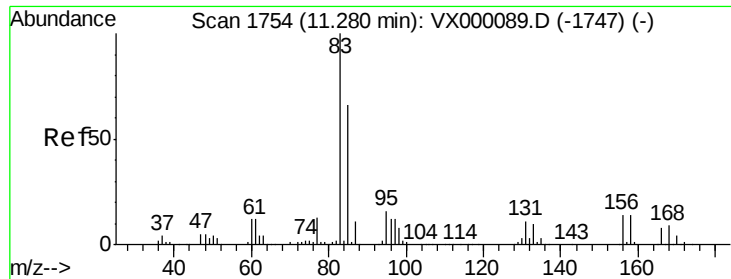
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.34 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

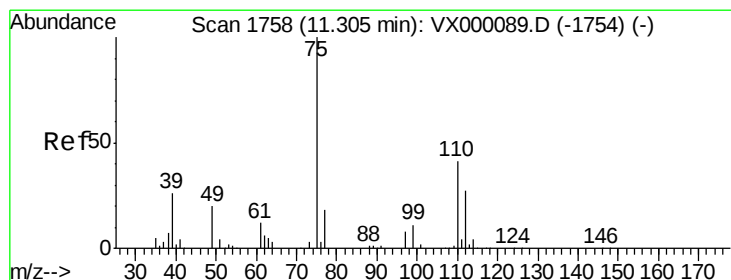
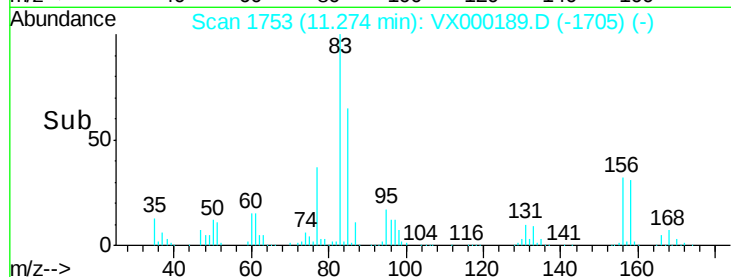
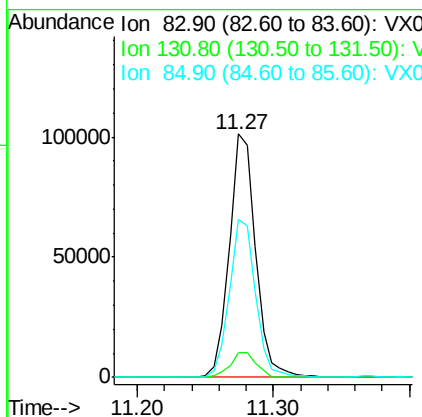
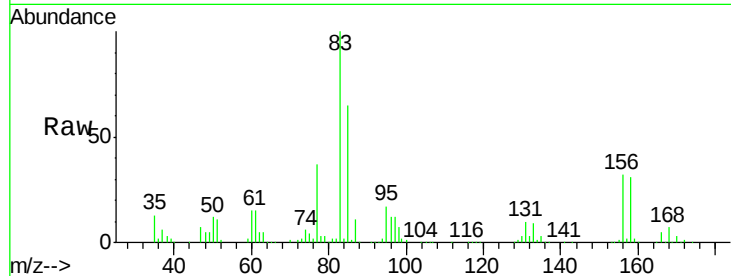
ClientSampled :

VSTDCCC050

Tgt Ion:	83	Resp:	135870
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.6	16.8
85	65.0	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 51.57 ug/l m

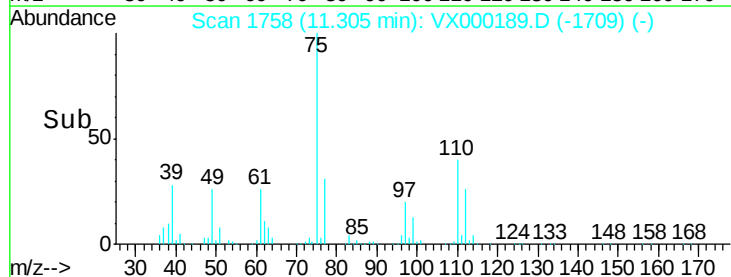
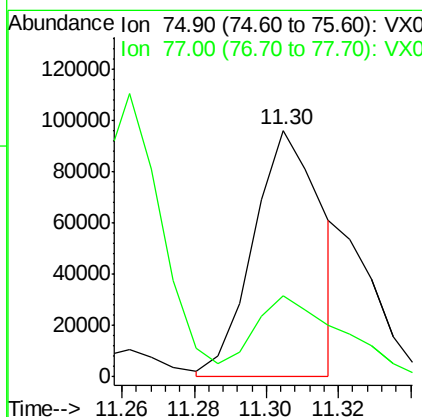
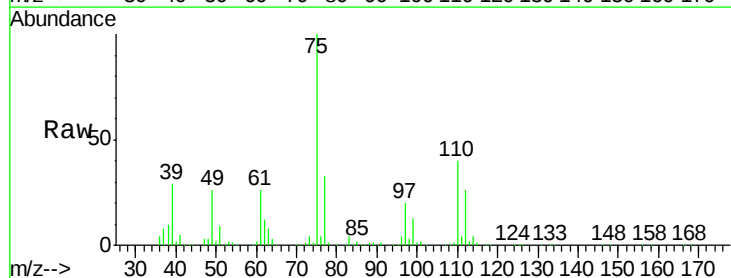
RT: 11.30 min Scan# 1758

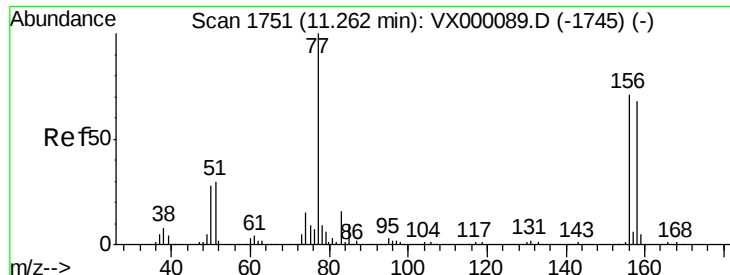
Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion:	75	Resp:	125627
Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.8	68.3





#77

Bromobenzene

Concen: 45.46 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

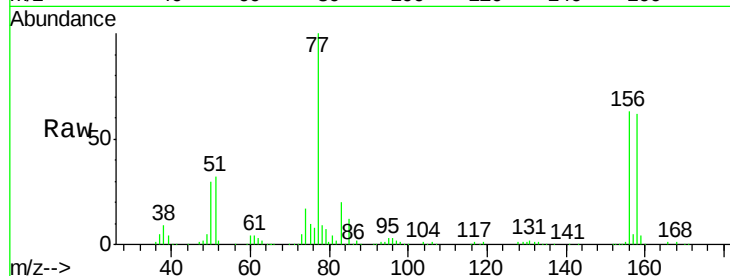
ClientSampled :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.6	67.0	201.0
158	96.2	48.3	144.9

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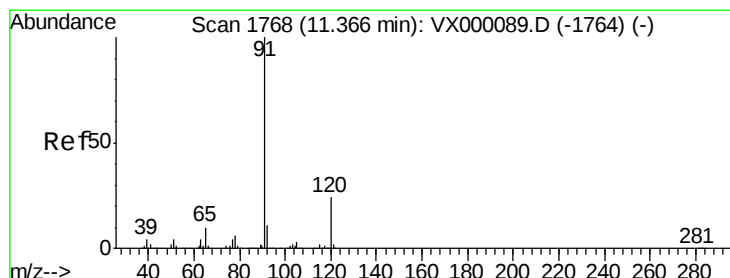
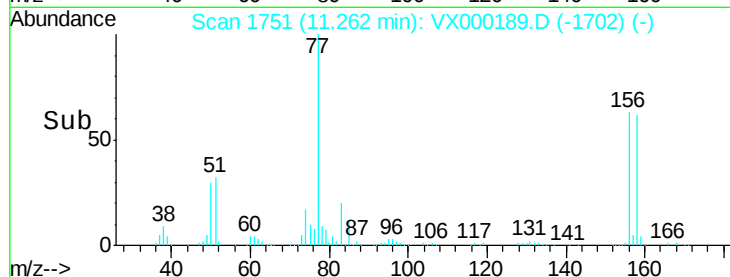
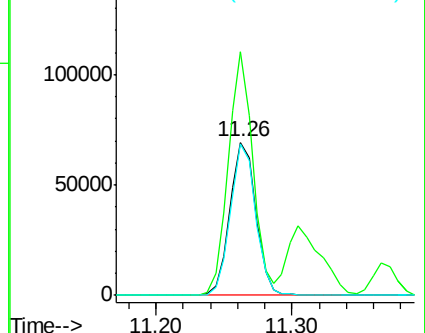
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.97 ug/l

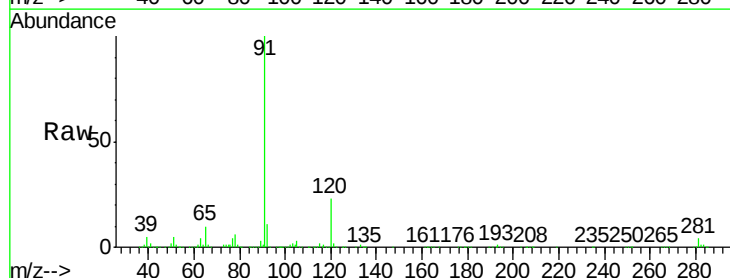
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000189.D

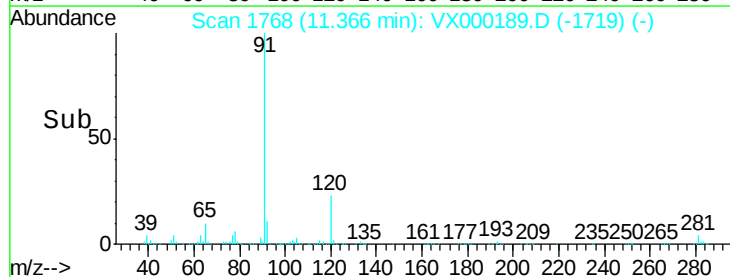
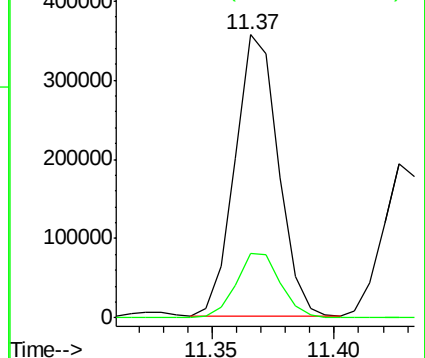
Acq: 02 Mar 2018 09:48

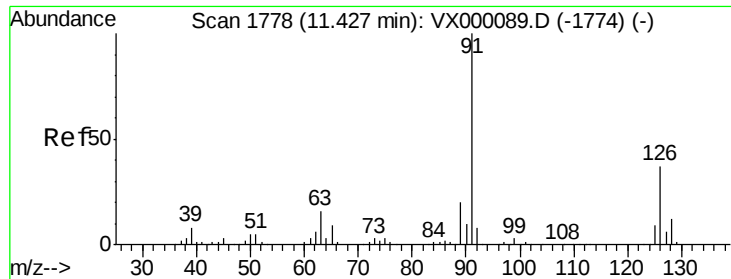
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





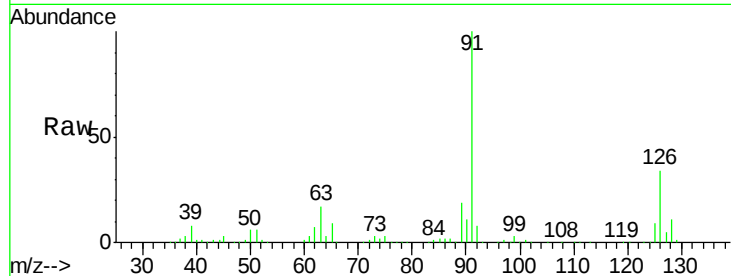
#79
 2-Chlorotoluene
 Concen: 49.32 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

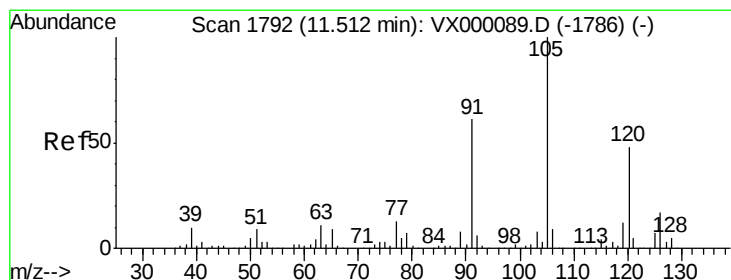
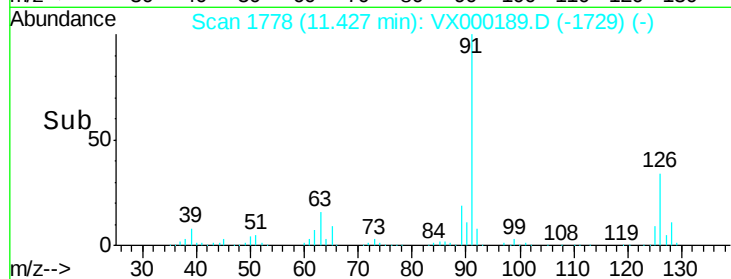
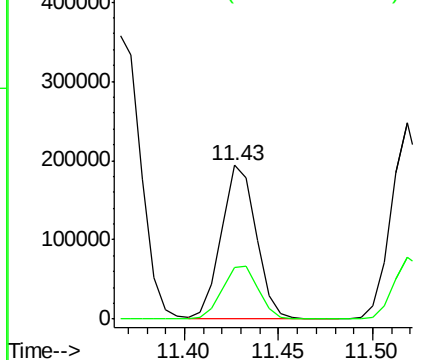
Tgt Ion: 91 Resp: 247955
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.4 55.2

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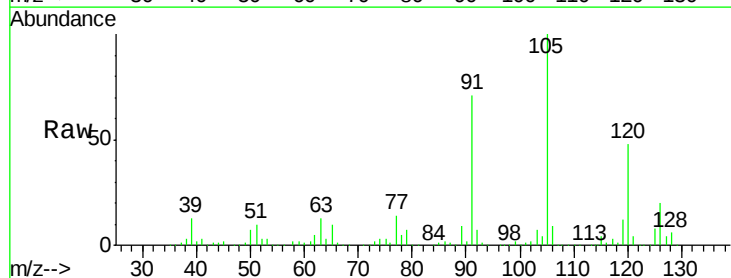


Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1774) (-)
 Ion 125.90 (125.60 to 126.60): VX000089.D (-1774) (-)

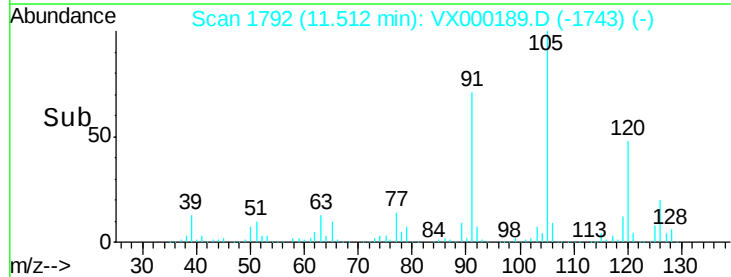
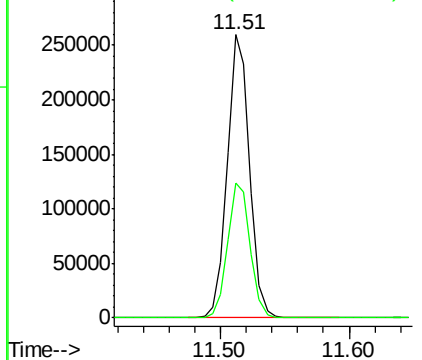


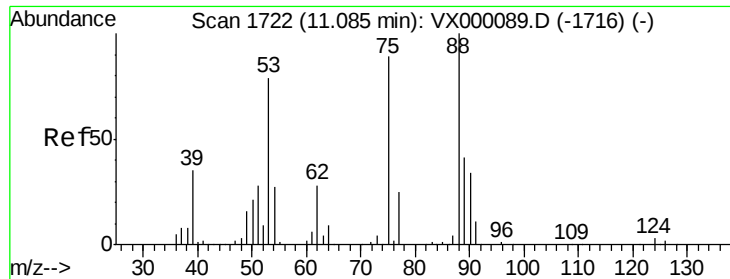
#80
 1,3,5-Trimethylbenzene
 Concen: 49.99 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 105 Resp: 314975
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000089.D (-1786) (-)
 Ion 120.00 (119.70 to 120.70): VX000089.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.61 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

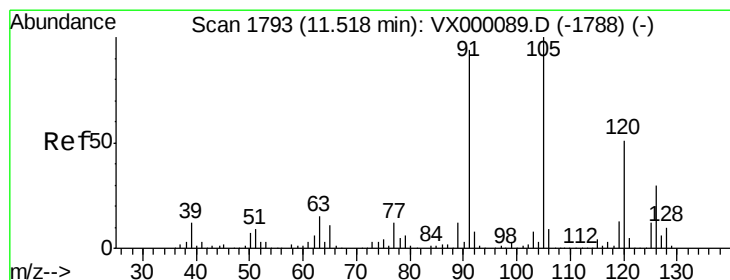
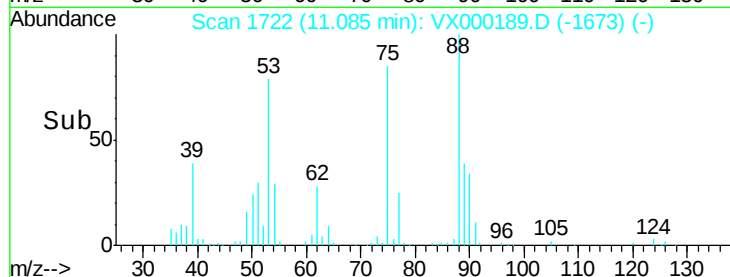
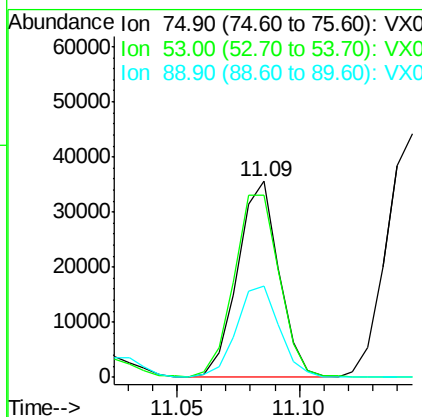
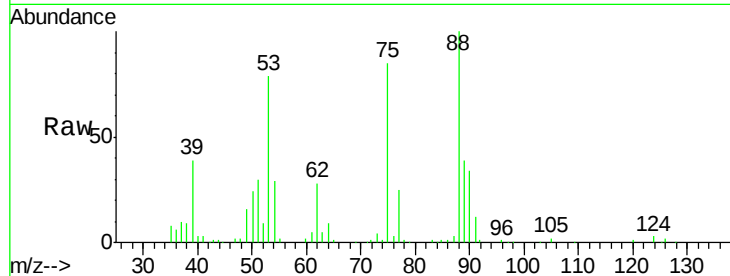
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	41579
Ion	Ratio	Lower	Upper
75	100		
53	103.0	72.3	108.5
89	49.2	40.6	60.8

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#82

4-Chlorotoluene

Concen: 50.35 ug/l

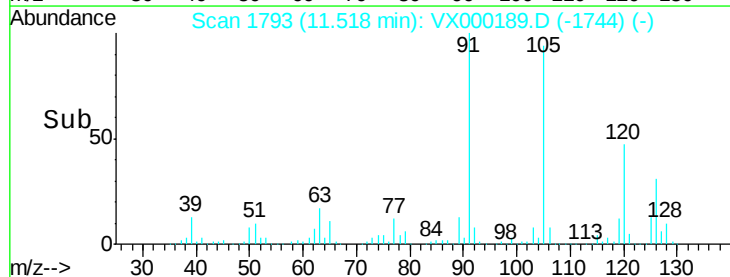
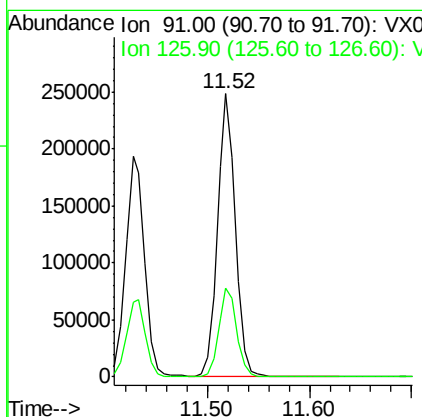
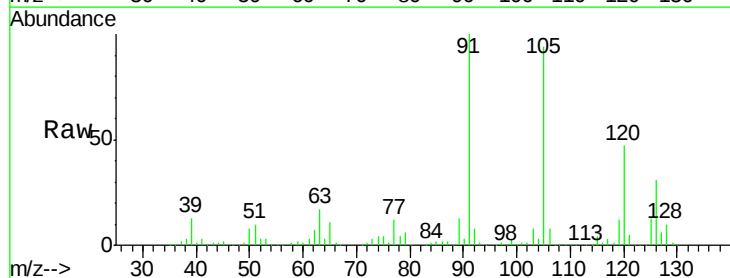
RT: 11.52 min Scan# 1793

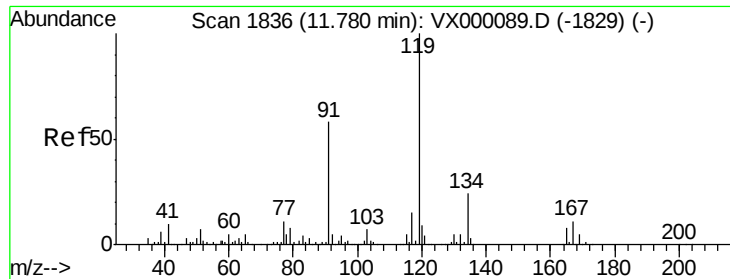
Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion:	91	Resp:	306229
Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.7	50.0





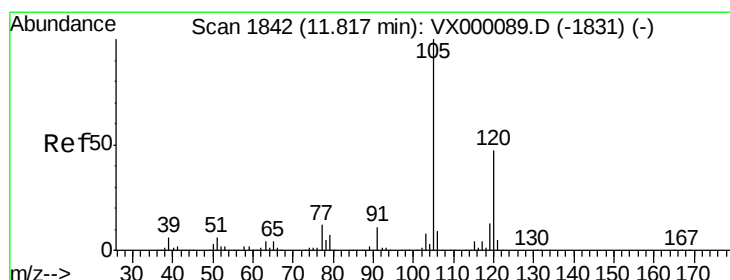
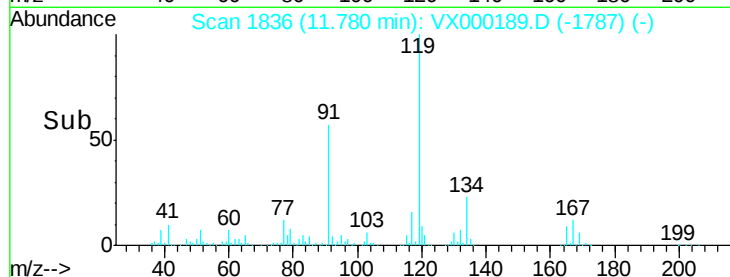
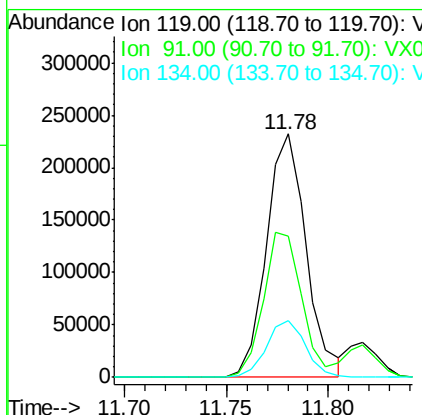
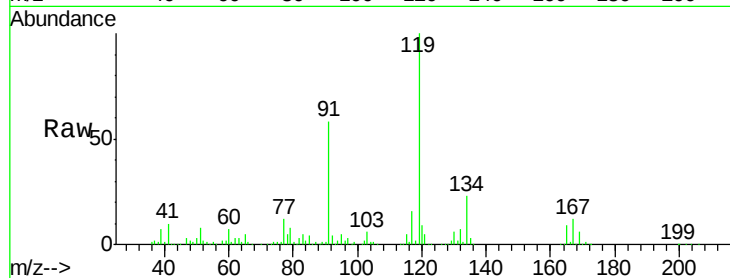
#83
 tert-Butylbenzene
 Concen: 49.33 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.4	85.2
134	23.0	11.8	35.4

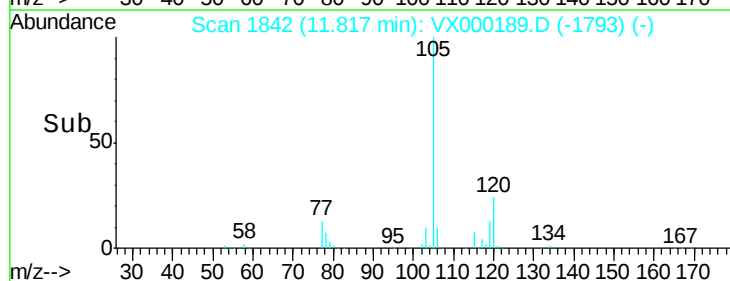
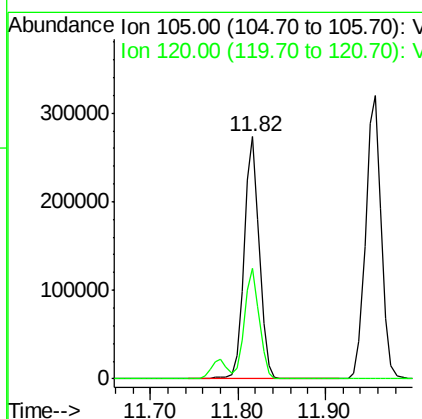
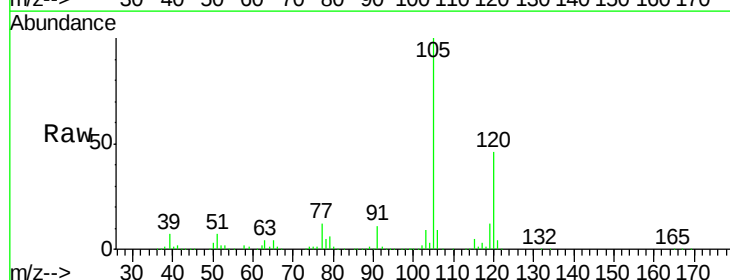
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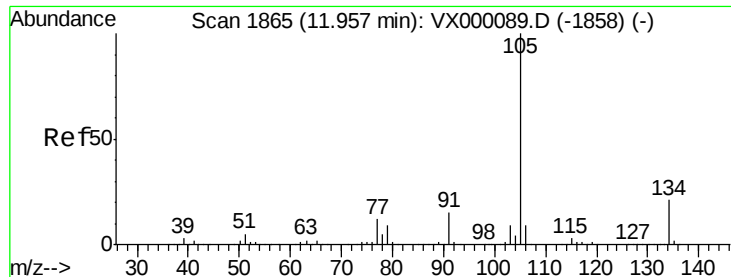
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.06 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.1	69.2





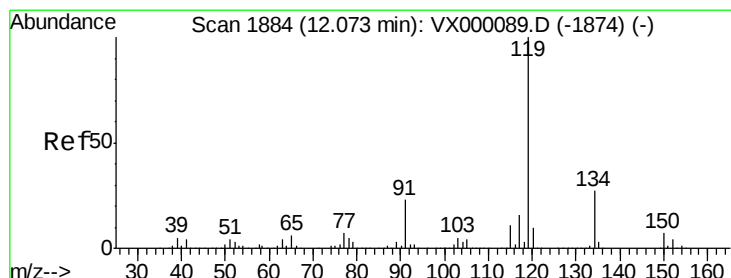
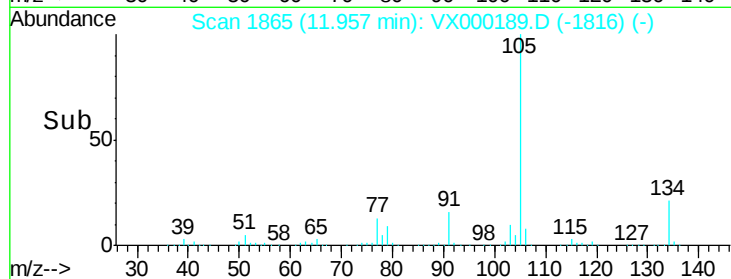
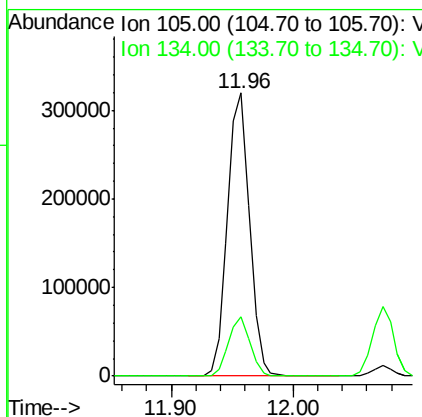
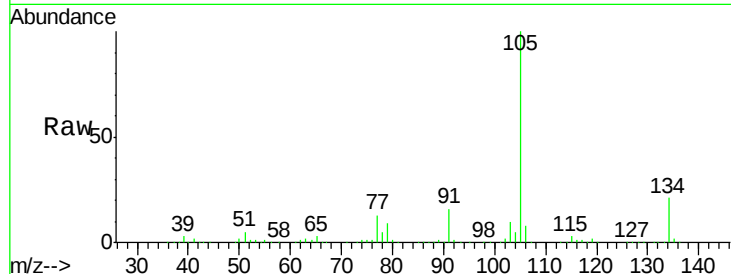
#85
 sec-Butylbenzene
 Concen: 50.37 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 398043
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.6

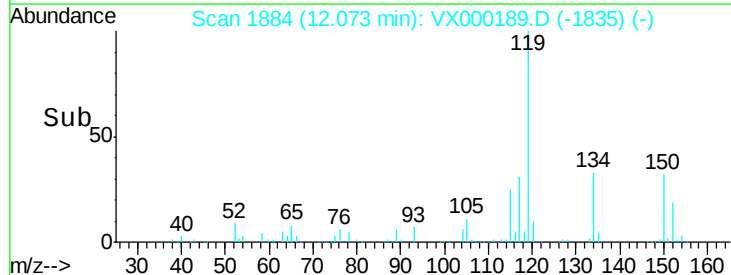
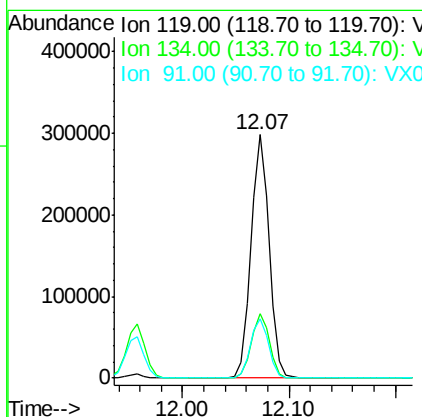
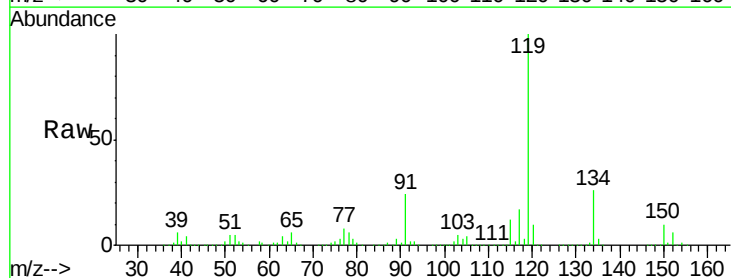
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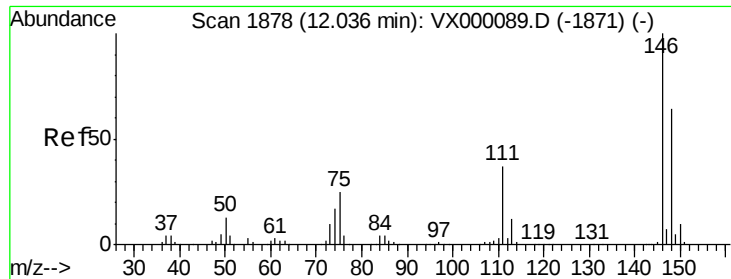
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#86
 p-Isopropyltoluene
 Concen: 50.41 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion:119 Resp: 355934
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.7 41.0
 91 24.6 11.7 35.0





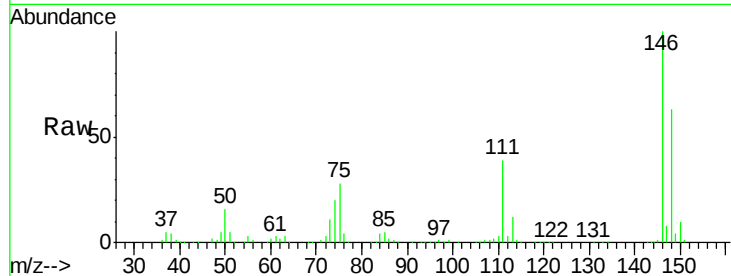
#87
 1,3-Dichlorobenzene
 Concen: 47.64 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

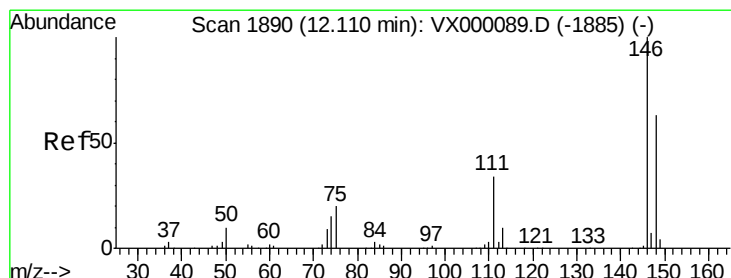
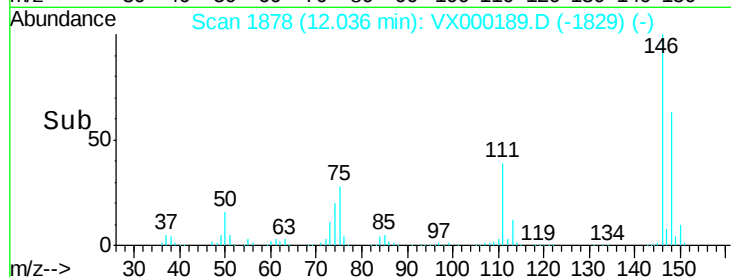
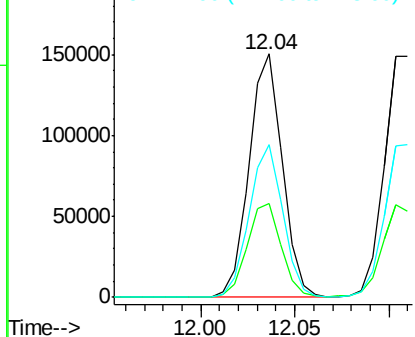
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.1	57.3
148	63.1	32.2	96.6

Manual Integrations
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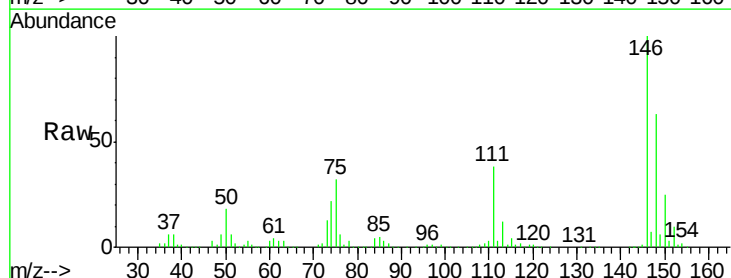


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

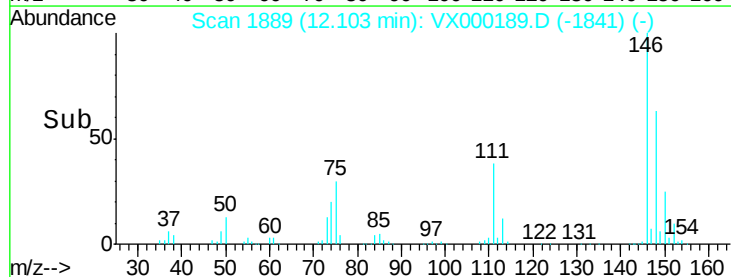
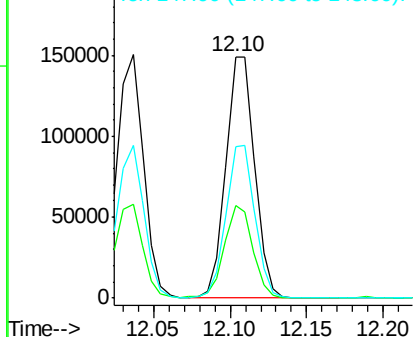


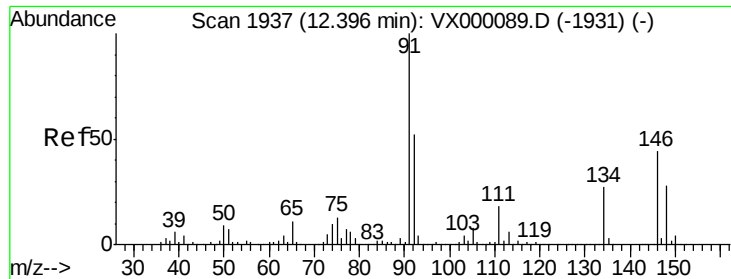
#88
 1,4-Dichlorobenzene
 Concen: 48.60 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.0
148	63.4	31.9	95.9



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





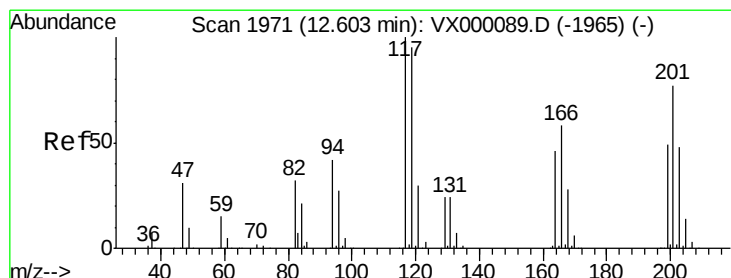
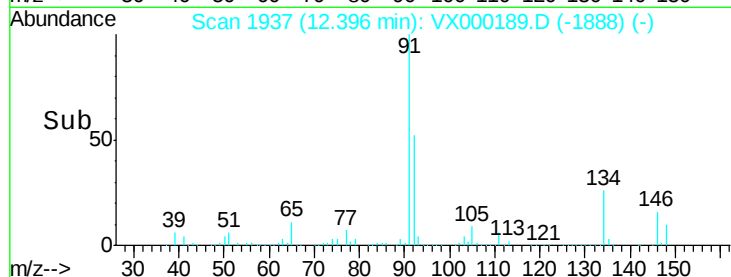
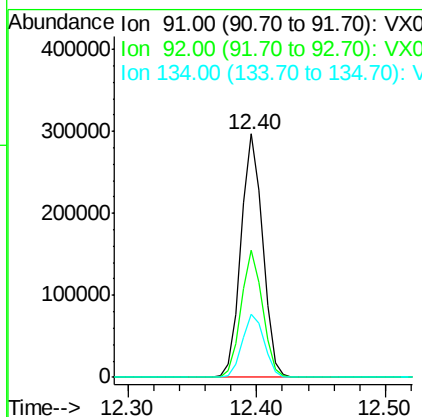
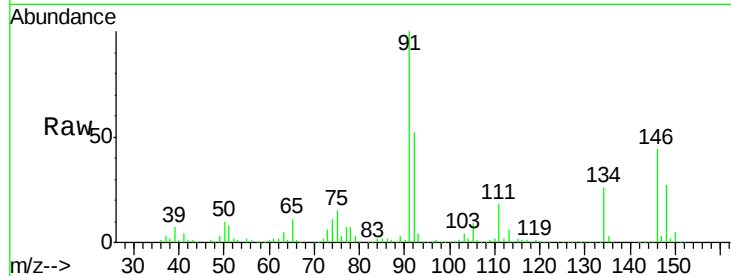
#89
n-Butylbenzene
Concen: 51.87 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.2	78.6
134	26.2	14.3	42.9

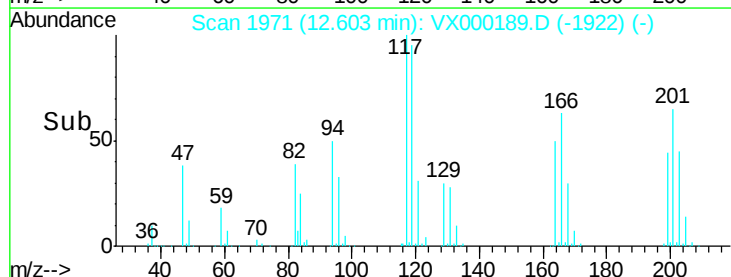
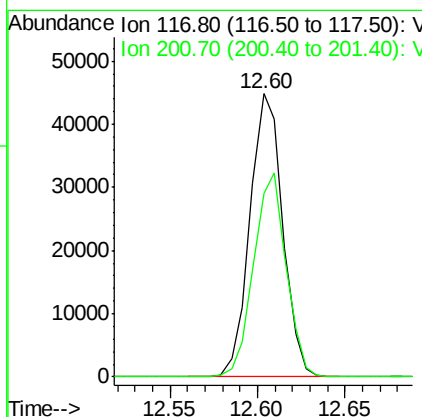
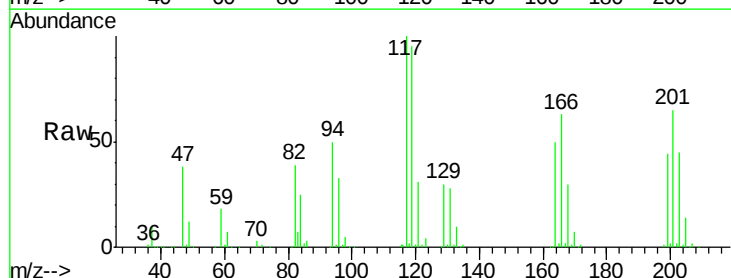
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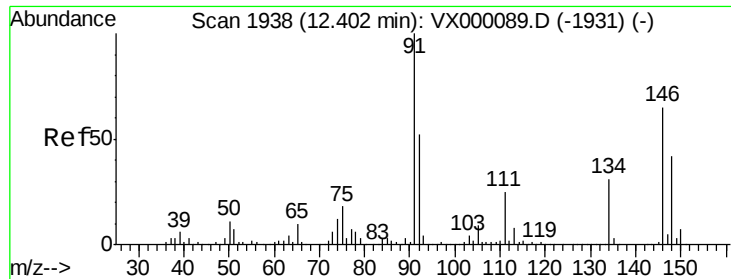
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#90
Hexachloroethane
Concen: 50.61 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.6	41.1	123.4





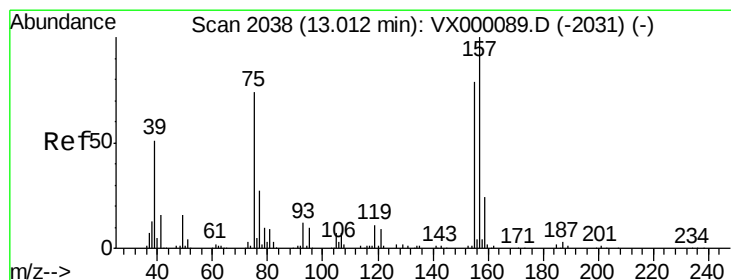
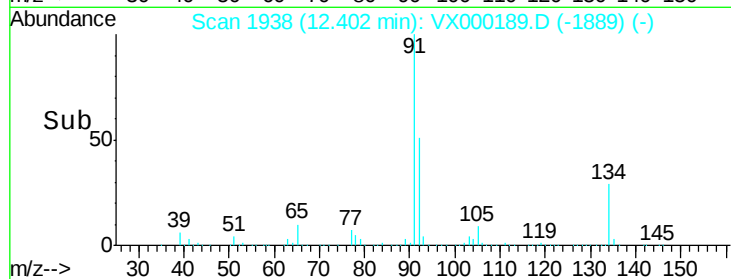
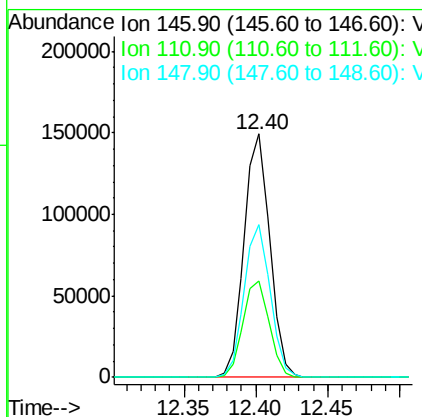
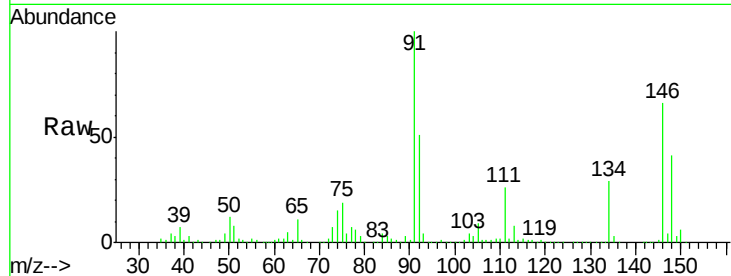
#91
 1,2-Dichlorobenzene
 Concen: 48.49 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	63.6	32.4	97.0

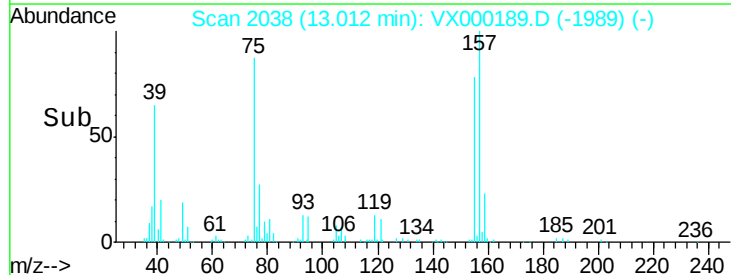
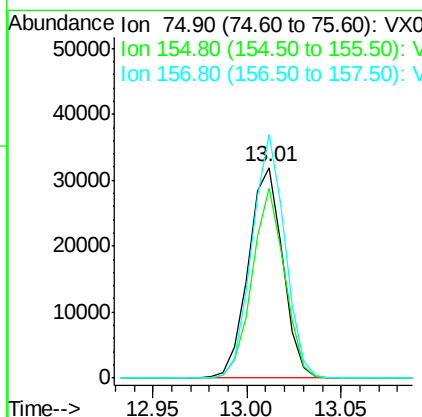
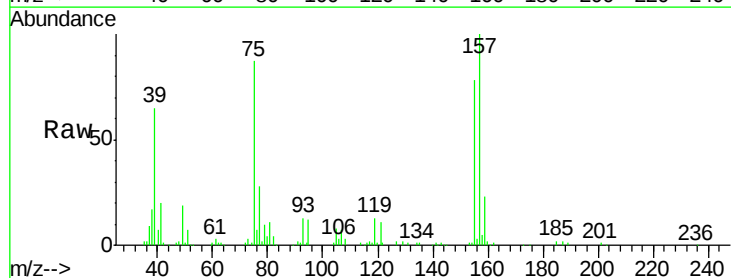
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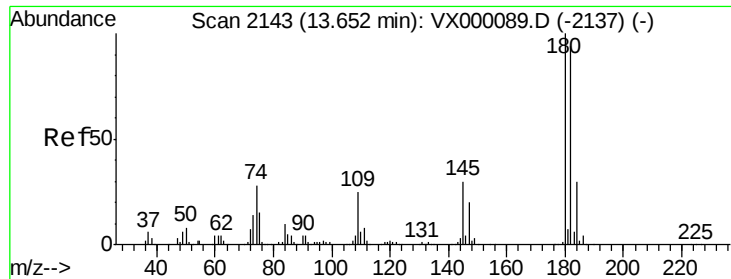
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.89 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	49.3	147.9
157	110.6	63.7	191.1





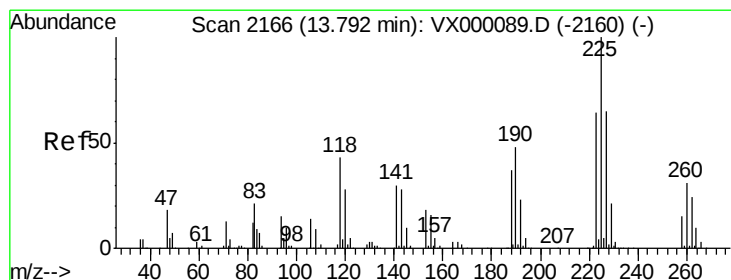
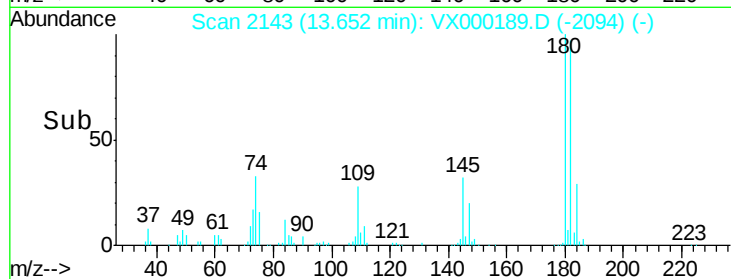
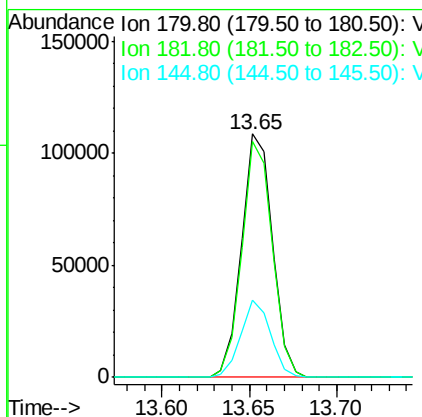
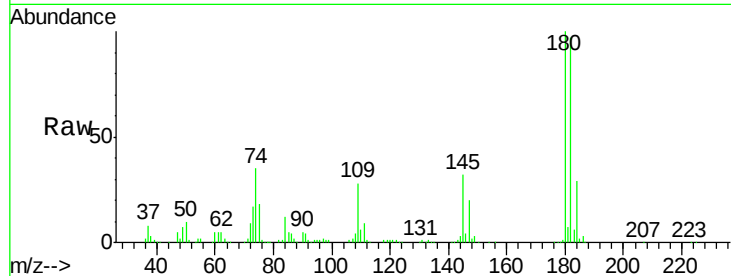
#93
 1,2,4-Trichlorobenzene
 Concen: 46.47 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132967		
182	95.5	47.8	143.4	
145	31.0	14.7	44.1	

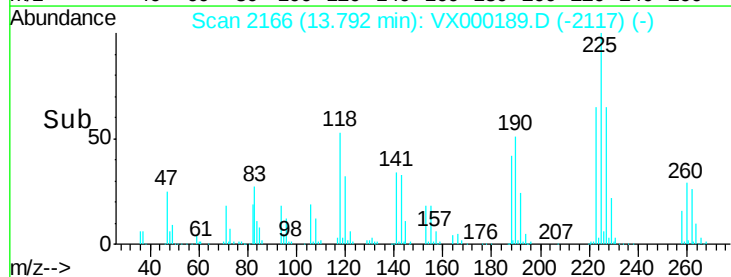
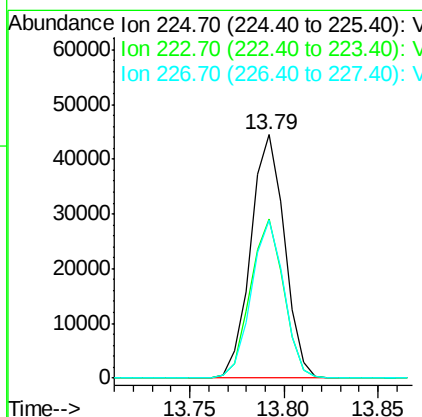
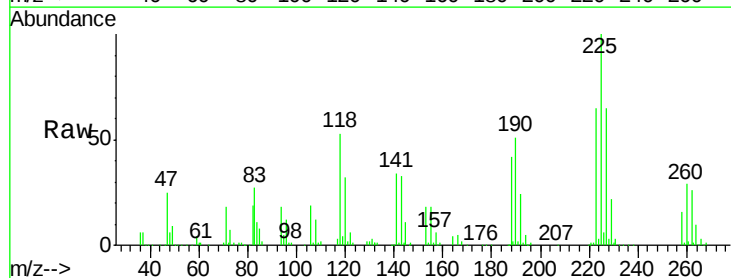
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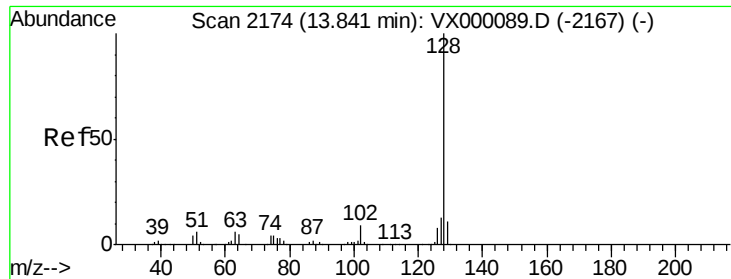
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#94
 Hexachlorobutadiene
 Concen: 44.28 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55288		
223	64.3	31.9	95.7	
227	62.4	32.8	98.4	





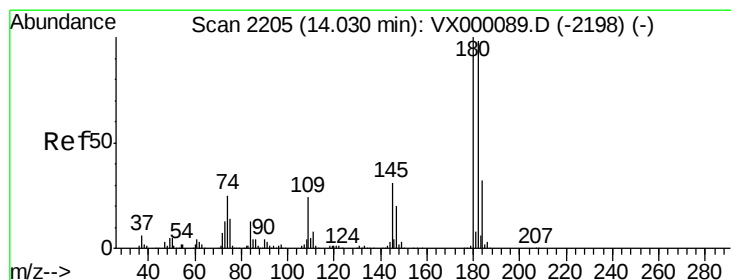
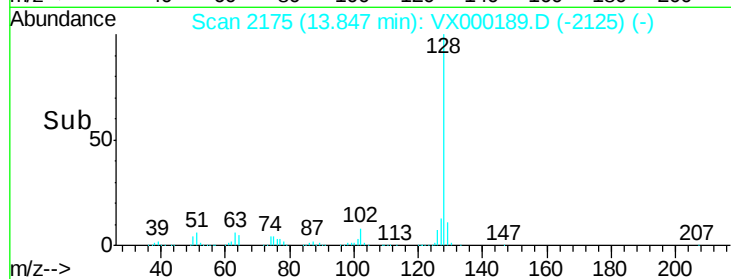
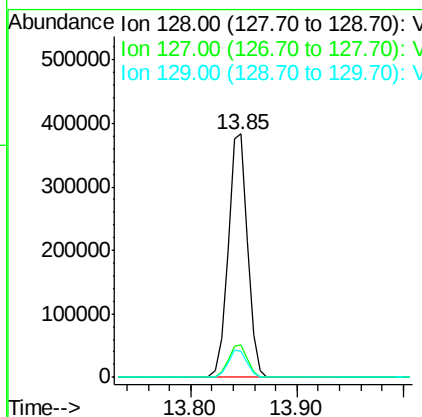
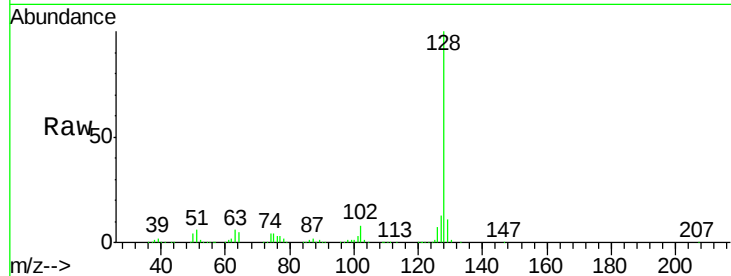
#95
Naphthalene
Concen: 50.05 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	485560		
127	13.3	10.4	15.6	
129	11.0	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.32 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	133655		
182	95.1	48.2	144.6	
145	32.5	15.3	45.9	

