

Data File : VX000249.D

Acq On : 09 Mar 2018 11:52

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050Manual Integrations
APPROVEDapatel
3/10/2018 12:55:49 PM

Quant Time: Mar 09 16:41:17 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	125248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	128957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	78684	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.51	113	62326	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.73	98	258501	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.15	95	105874	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57778	42.34	ug/l	96
3) Chloromethane	1.32	50	56830	42.65	ug/l	99
4) Vinyl Chloride	1.41	62	68020	43.81	ug/l	100
5) Bromomethane	1.64	94	85311	52.81	ug/l	100
6) Chloroethane	1.72	64	43748	45.15	ug/l	99
7) Trichlorofluoromethane	1.93	101	115978	45.02	ug/l	99
8) Diethyl Ether	2.19	74	41495	43.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64692	44.96	ug/l	98
10) Methyl Iodide	2.51	142	58654	39.54	ug/l	98
11) Tert butyl alcohol	3.07	59	150407	235.76	ug/l	99
12) 1,1-Dichloroethene	2.38	96	58864	44.56	ug/l	96
13) Acrolein	2.30	56	72068	214.87	ug/l	98
14) Allyl chloride	2.73	41	109393	44.83	ug/l	98
15) Acrylonitrile	3.15	53	264456	238.20	ug/l	99
16) Acetone	2.45	43	296075	237.45	ug/l	100
17) Carbon Disulfide	2.57	76	152746	42.20	ug/l	99
18) Methyl Acetate	2.78	43	127161	47.89	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	212605	45.19	ug/l	99
20) Methylene Chloride	2.86	84	64842	43.61	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	63411	43.65	ug/l	99
22) Diisopropyl ether	3.88	45	206837	49.36	ug/l	99
23) Vinyl Acetate	3.83	43	1036780	256.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	113515	44.19	ug/l	99
25) 2-Butanone	4.71	43	366938	238.47	ug/l	96
26) 2,2-Dichloropropane	4.59	77	80851	43.06	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60652	44.03	ug/l	97
28) Bromochloromethane	5.03	49	63004	57.71	ug/l	98
29) Tetrahydrofuran	5.18	42	238905	247.20	ug/l	98
30) Chloroform	5.22	83	111948	45.07	ug/l	99
31) Cyclohexane	5.59	56	90177	47.47	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	99254	46.09	ug/l	98
36) 1,1-Dichloropropene	5.81	75	83598	46.87	ug/l	100
37) Ethyl Acetate	4.87	43	121036	46.95	ug/l	99
38) Carbon Tetrachloride	5.79	117	86867	48.12	ug/l	97

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Quant Title : SW846 8260

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	105307	48.11	ug/l	96
40) Benzene	6.15	78	242417	47.12	ug/l	98
41) Methacrylonitrile	5.07	41	62910	47.88	ug/l	97
42) 1,2-Dichloroethane	6.20	62	99018	49.07	ug/l	99
43) Isopropyl Acetate	6.48	43	184852	49.60	ug/l	99
44) Trichloroethene	7.22	130	70136	47.63	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65348	50.15	ug/l	99
46) Dibromomethane	7.67	93	50178	48.68	ug/l	99
47) Bromodichloromethane	7.90	83	91037	50.21	ug/l	98
48) Methyl methacrylate	7.79	41	89451	48.73	ug/l	98
49) 1,4-Dioxane	7.76	88	43026	1032.44	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	747256	265.63	ug/l	99
52) Toluene	8.79	92	172063	48.80	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	105838	49.53	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	107945	52.22	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	73406	51.40	ug/l	98
56) Ethyl methacrylate	9.19	69	112530	52.65	ug/l	95
57) 1,3-Dichloropropane	9.38	76	116174	48.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	290816	269.52	ug/l	99
59) 2-Hexanone	9.51	43	649242	270.67	ug/l	99
60) Dibromochloromethane	9.59	129	77691	51.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	81208	51.21	ug/l	97
64) Tetrachloroethene	9.34	164	69090	47.10	ug/l	97
65) Chlorobenzene	10.15	112	205441	48.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	70533	48.73	ug/l	98
67) Ethyl Benzene	10.26	91	353834	47.89	ug/l	97
68) m/p-Xylenes	10.37	106	284698	100.11	ug/l	99
69) o-Xylene	10.71	106	135392	49.54	ug/l	98
70) Styrene	10.72	104	230542	50.85	ug/l	99
71) Bromoform	10.87	173	62442	42.73	ug/l #	99
73) Isopropylbenzene	11.02	105	372301	46.11	ug/l	100
74) N-amyl acetate	6.48	43	184852	44.75	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	137130	48.45	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	146146m	56.54	ug/l	
77) Bromobenzene	11.26	156	93053	44.58	ug/l	95
78) n-propylbenzene	11.37	91	457058	48.10	ug/l	98
79) 2-Chlorotoluene	11.43	91	256150	47.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	328901	48.79	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	42021	49.78	ug/l	97
82) 4-Chlorotoluene	11.52	91	317044	48.65	ug/l	98
83) tert-Butylbenzene	11.78	119	314178	47.90	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	339187	48.93	ug/l	98
85) sec-Butylbenzene	11.96	105	402504	48.51	ug/l	99
86) p-Isopropyltoluene	12.07	119	366277	50.06	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	187906	47.35	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194866	46.85	ug/l	100
89) n-Butylbenzene	12.40	91	353216	50.13	ug/l	99
90) Hexachloroethane	12.60	117	56696	48.10	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	184791	47.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41254	51.90	ug/l	92

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QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128736	45.04	ug/l	97
94) Hexachlorobutadiene	13.79	225	54180	45.54	ug/l	99
95) Naphthalene	13.84	128	486113	48.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	129398	45.76	ug/l	100

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

Data File : VX000249.D

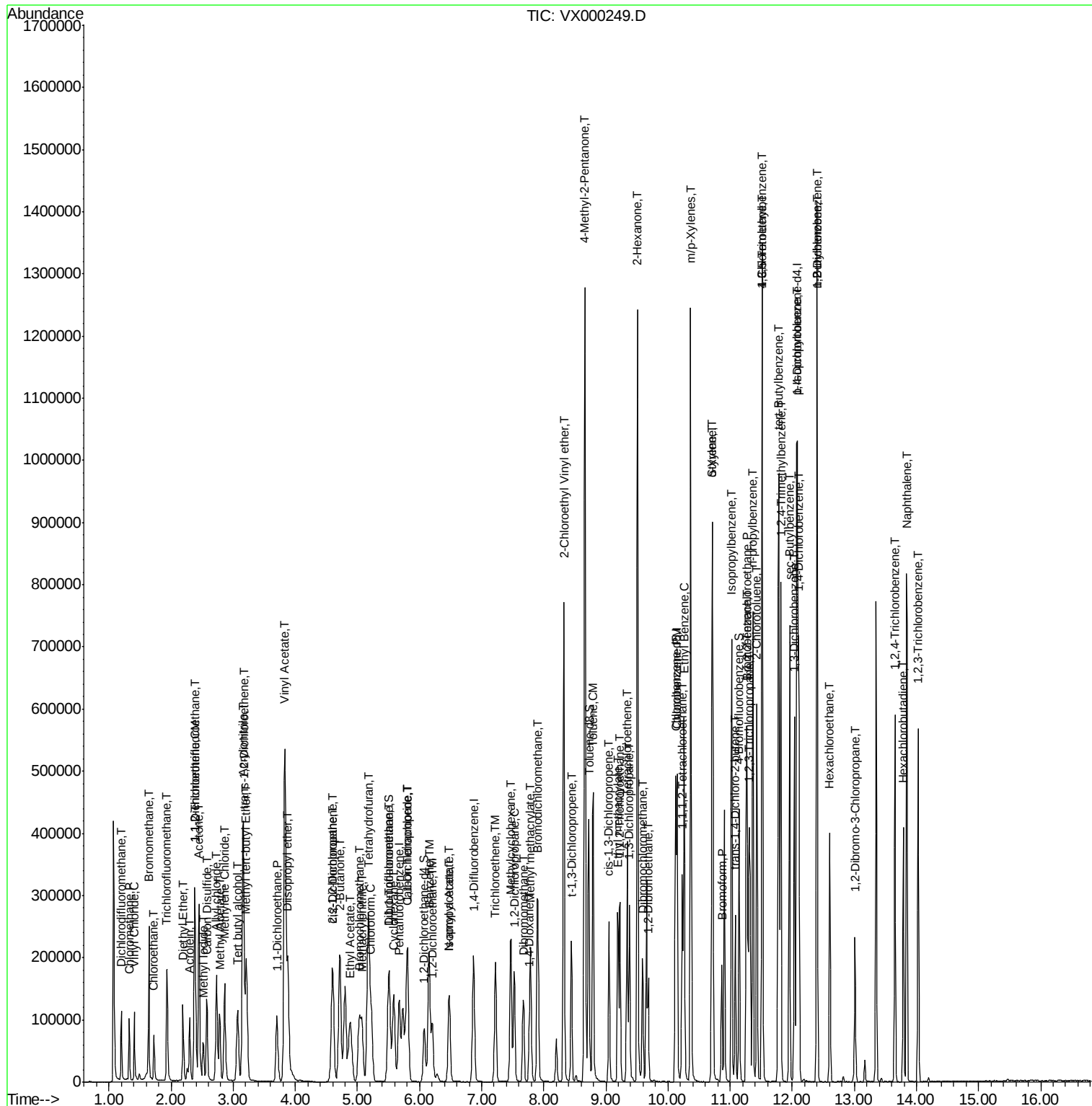
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Acq On       : 09 Mar 2018   11:52
Operator    : JC/MD
Sample      : VSTDCCC050
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial     : 1      Sample Multiplier: 1
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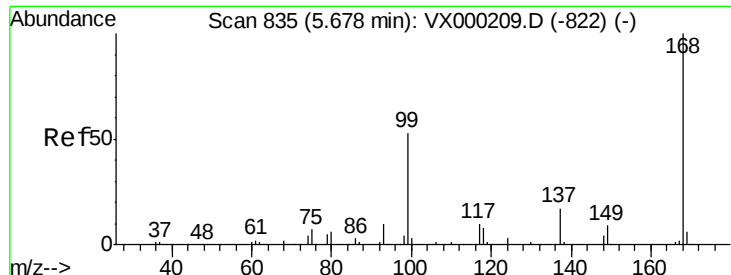
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 125248

Ion Ratio Lower Upper

168 100

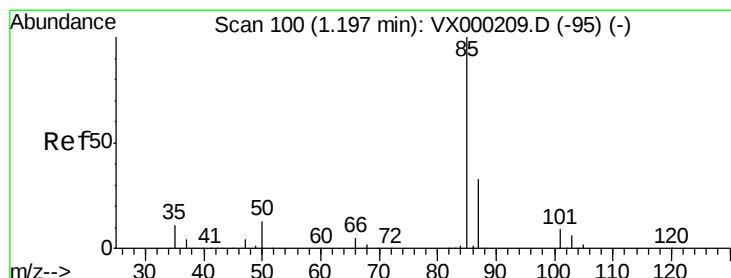
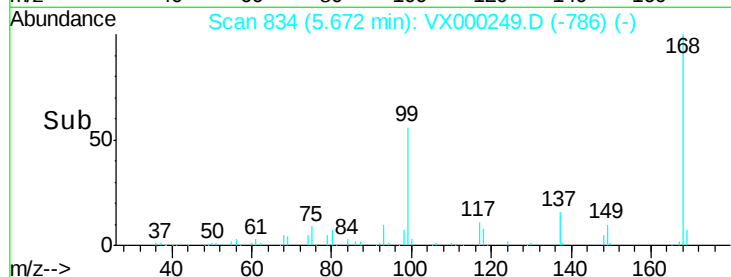
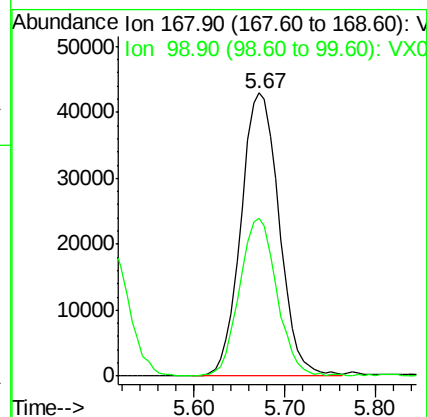
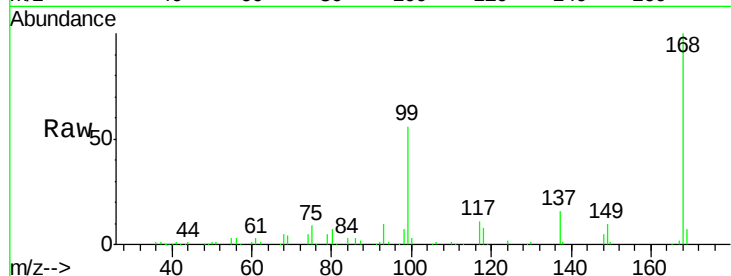
99 55.4 42.8 64.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 42.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000249.D

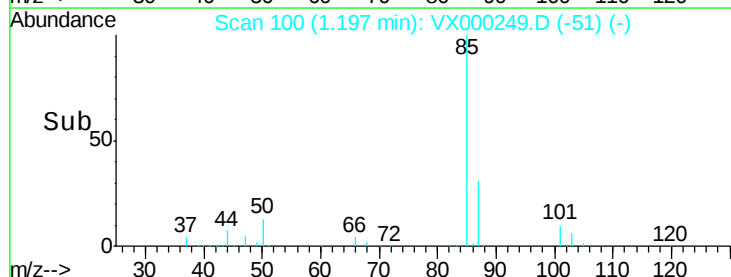
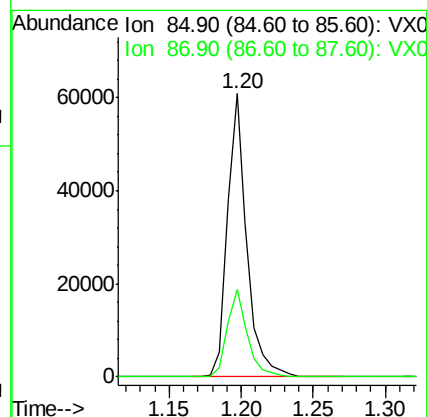
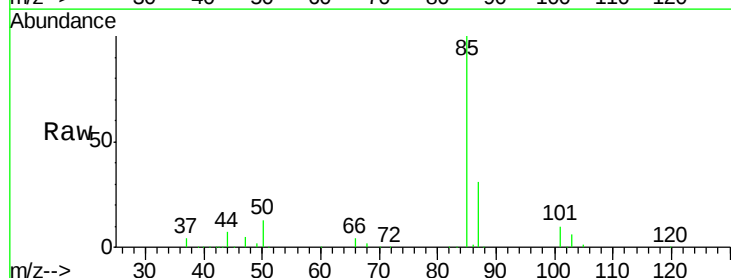
Acq: 09 Mar 2018 11:52

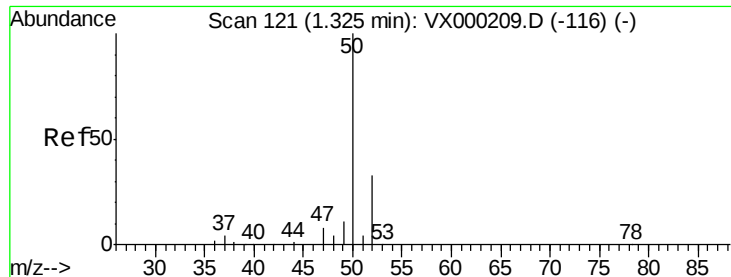
Tgt Ion: 85 Resp: 57778

Ion Ratio Lower Upper

85 100

87 31.0 16.7 50.0





#3

Chloromethane

Concen: 42.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 56830

Ion Ratio Lower Upper

50 100

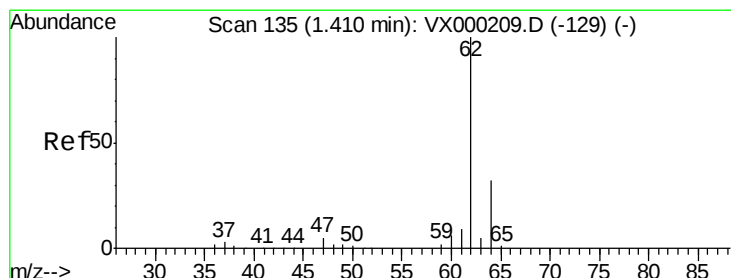
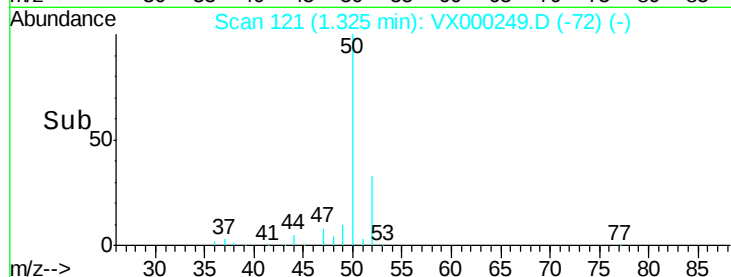
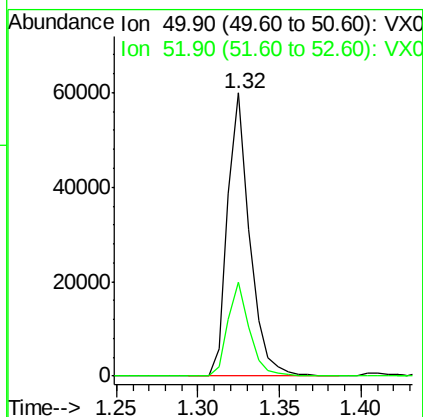
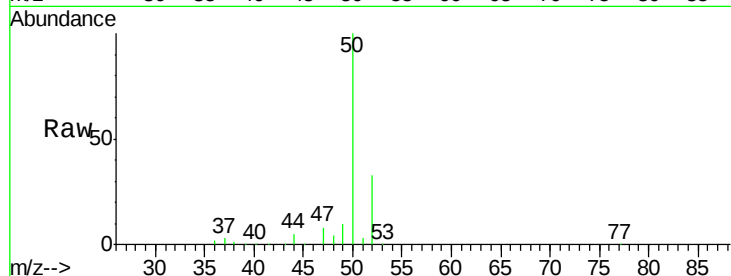
52 33.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.81 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000249.D

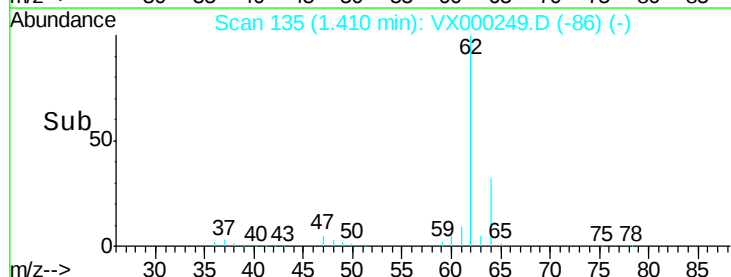
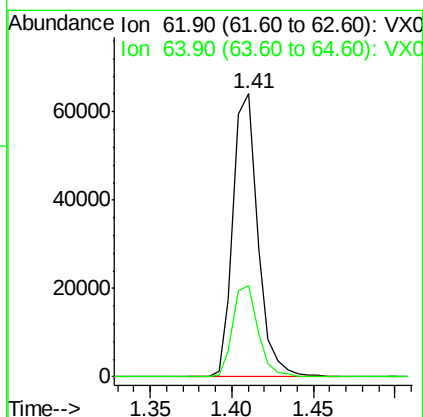
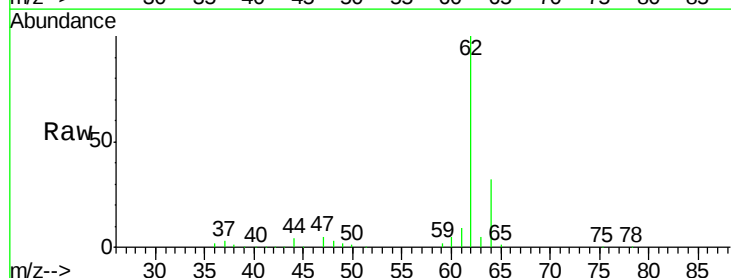
Acq: 09 Mar 2018 11:52

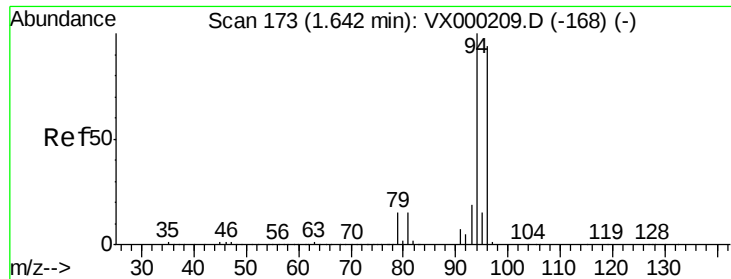
Tgt Ion: 62 Resp: 68020

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 52.81 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 85311

Ion Ratio Lower Upper

94 100

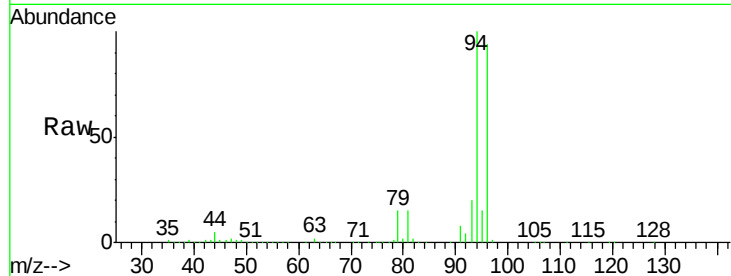
96 94.2 75.3 112.9

Manual Integrations

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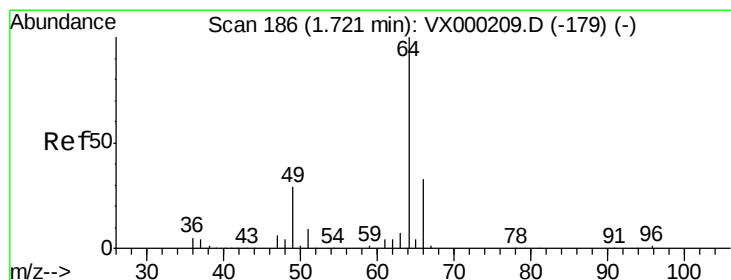
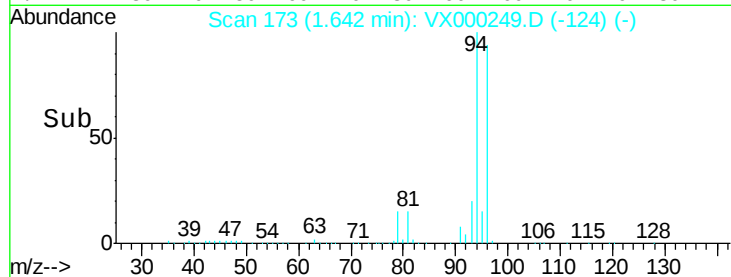
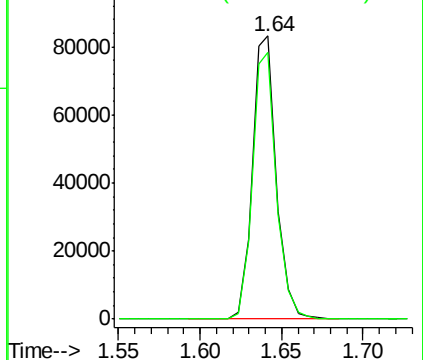
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.15 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000249.D

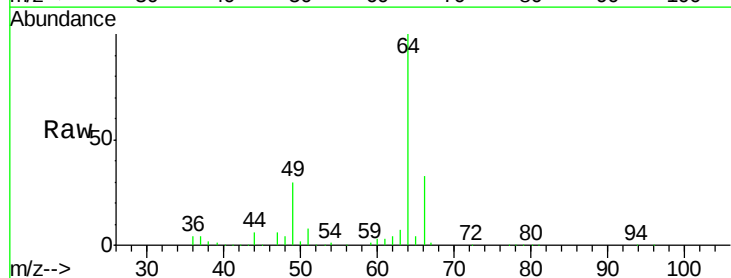
Acq: 09 Mar 2018 11:52

Tgt Ion: 64 Resp: 43748

Ion Ratio Lower Upper

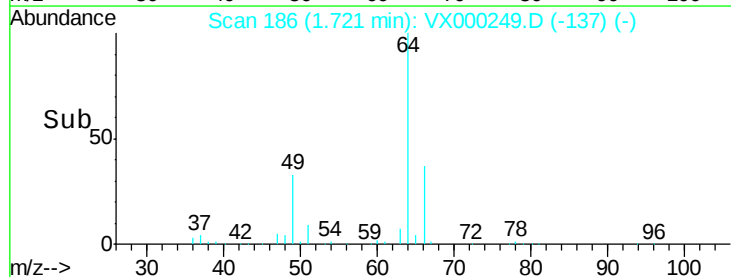
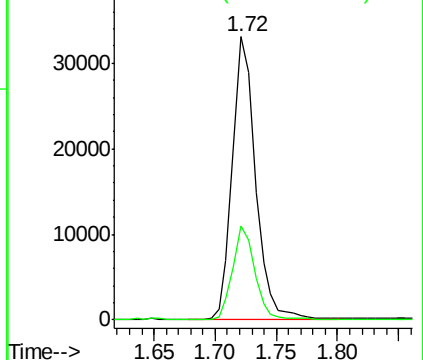
64 100

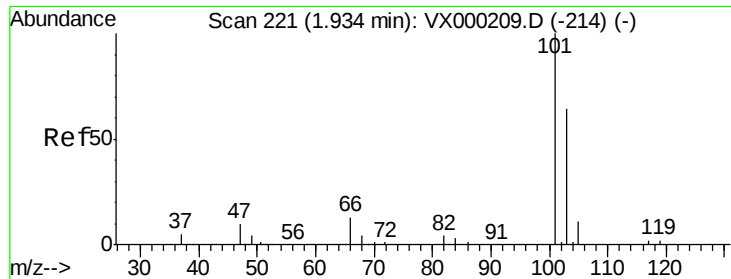
66 33.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

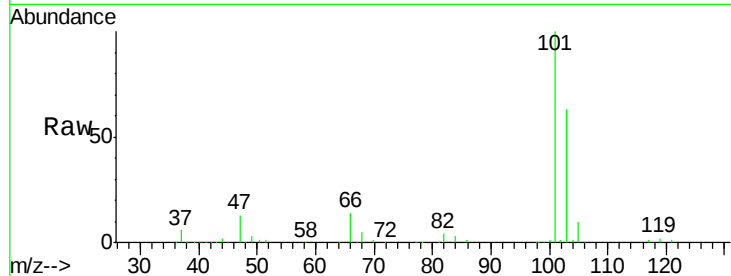
Trichlorofluoromethane
Concen: 45.02 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000249.D
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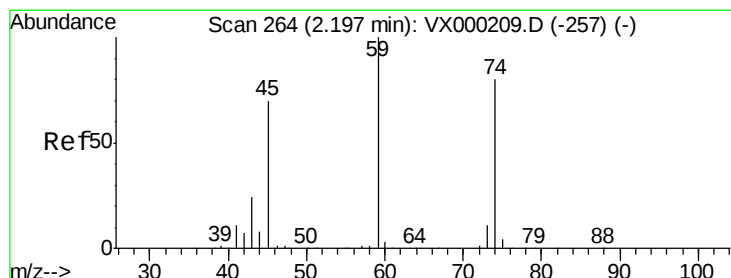
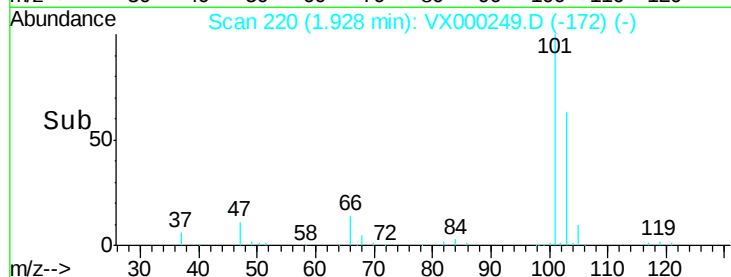
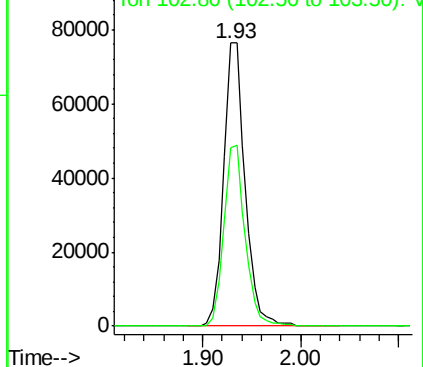
Tgt Ion: 101 Resp: 115978
Ion Ratio Lower Upper
101 100
103 63.2 51.2 76.8

Manual Integrations
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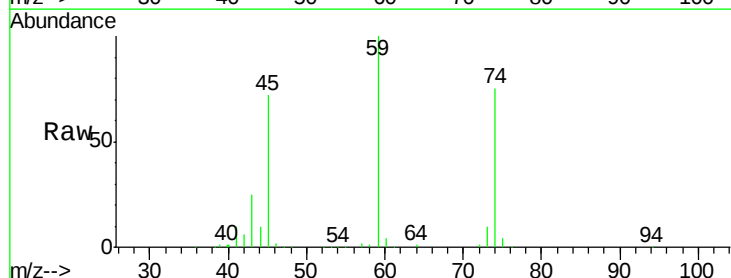
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



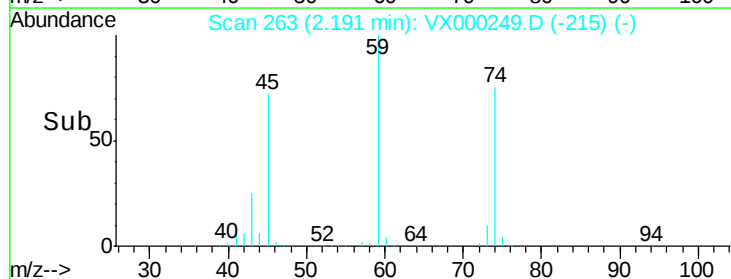
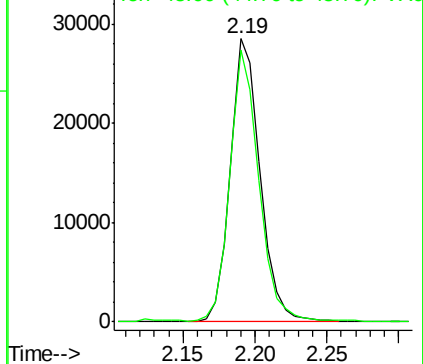
#8

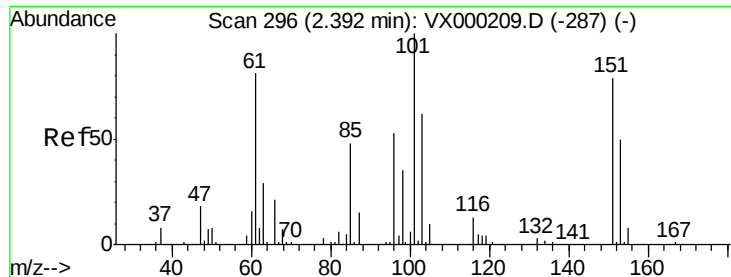
Diethyl Ether
Concen: 43.89 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000249.D
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Tgt Ion: 74 Resp: 41495
Ion Ratio Lower Upper
74 100
45 92.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





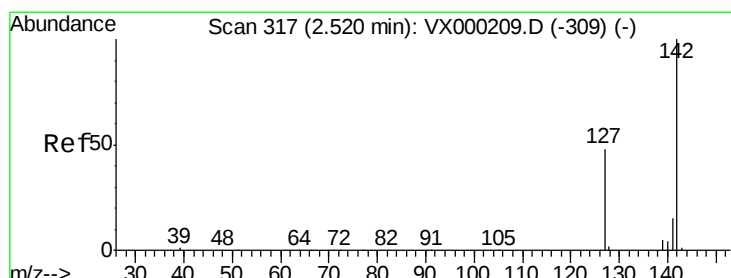
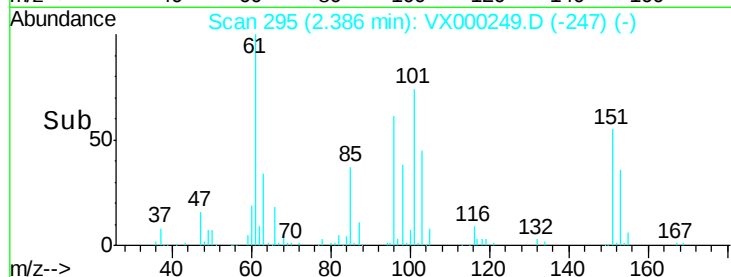
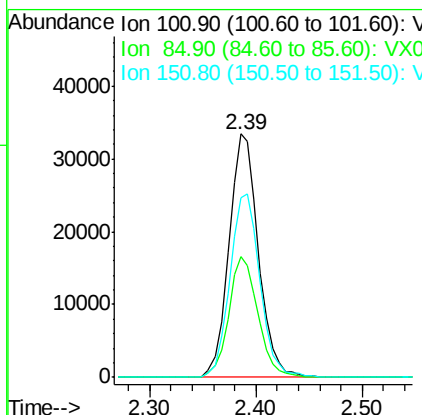
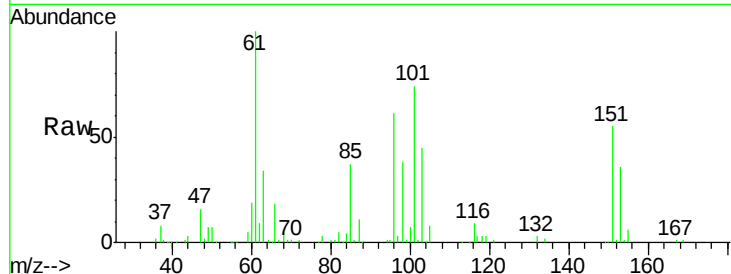
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.96 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 64692
 Ion Ratio Lower Upper
 101 100
 85 49.2 38.3 57.5
 151 77.2 62.8 94.2

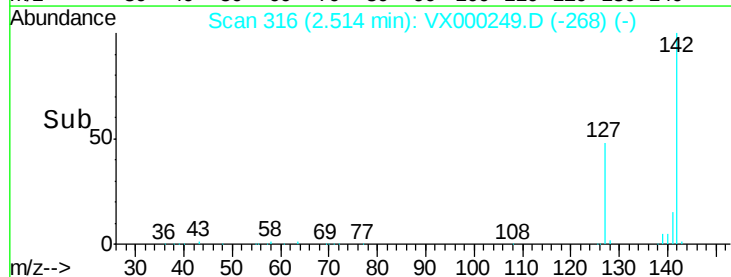
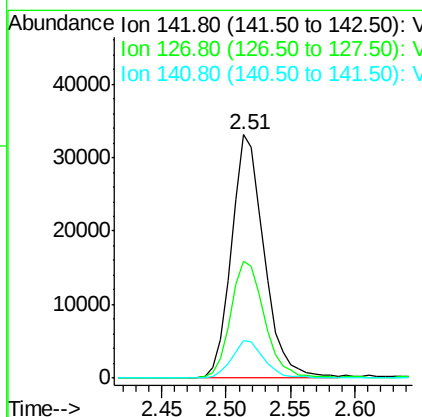
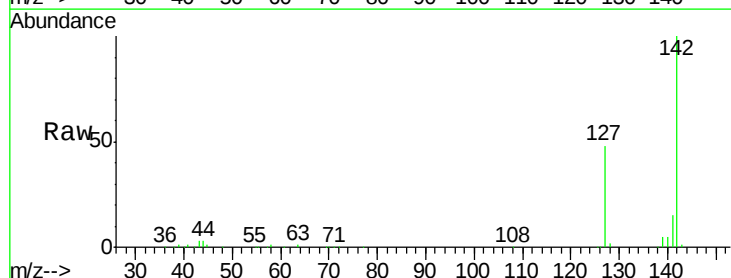
Manual Integrations
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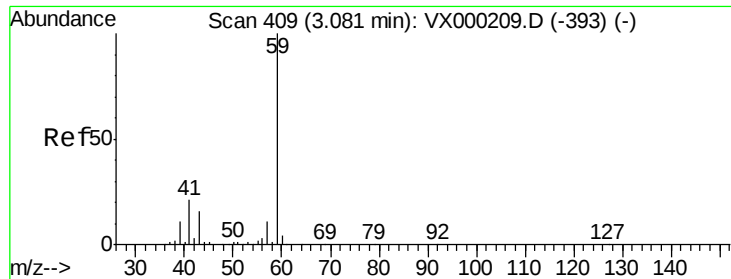
apatel
 3/10/2018 12:55:49 PM



#10
 Methyl Iodide
 Concen: 39.54 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion:142 Resp: 58654
 Ion Ratio Lower Upper
 142 100
 127 49.9 39.0 58.6
 141 15.2 11.6 17.4





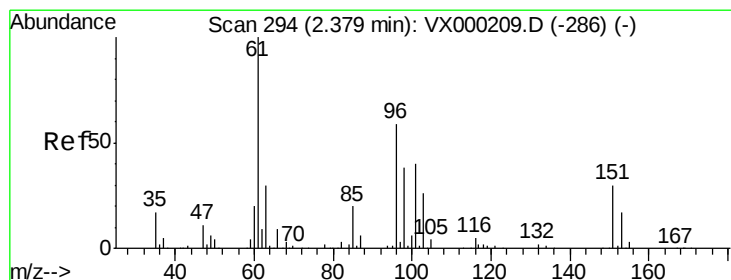
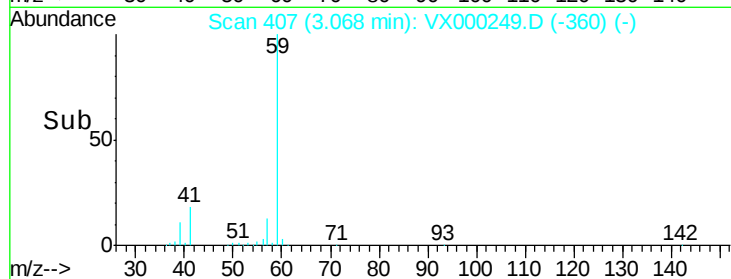
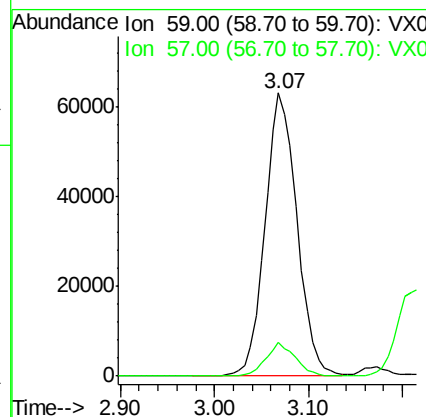
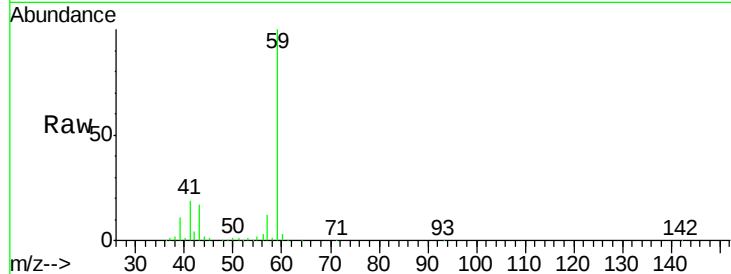
#11
Tert butyl alcohol
Concen: 235.76 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 150407
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

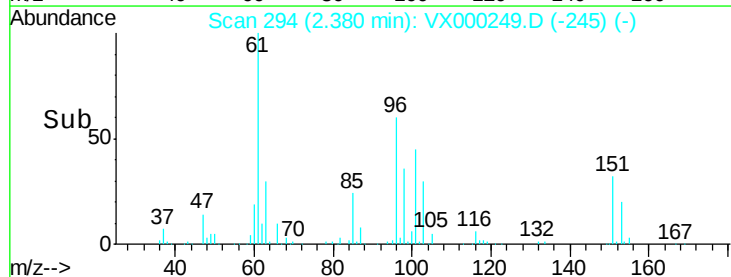
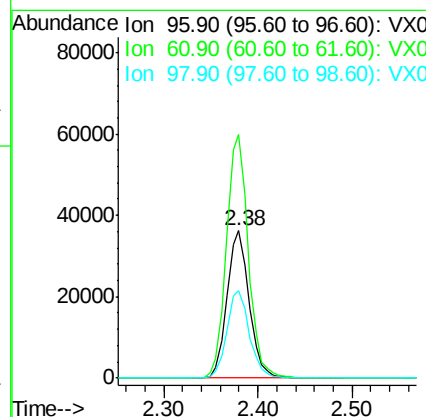
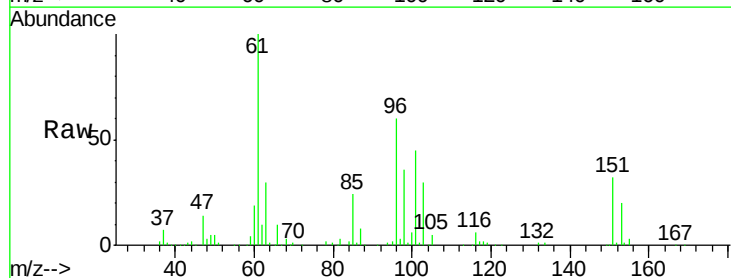
Manual Integrations
APPROVED

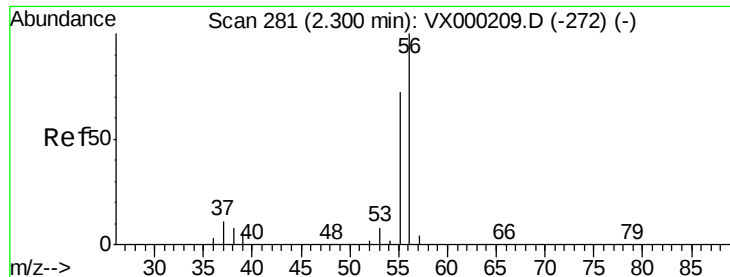
apatel
3/10/2018 12:55:49 PM



#12
1,1-Dichloroethene
Concen: 44.56 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 96 Resp: 58864
Ion Ratio Lower Upper
96 100
61 165.6 135.8 203.6
98 59.4 51.1 76.7





#13

Acrolein

Concen: 214.87 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 72068

Ion Ratio Lower Upper

56 100

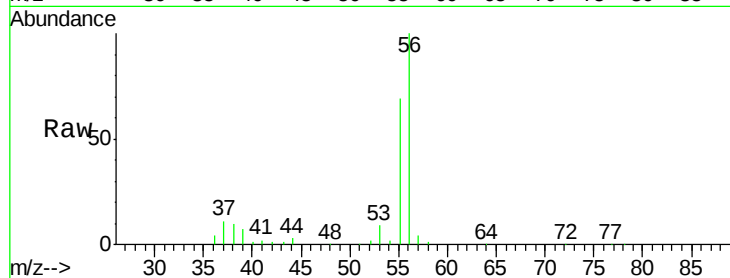
55 72.2 59.2 88.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

50000

40000

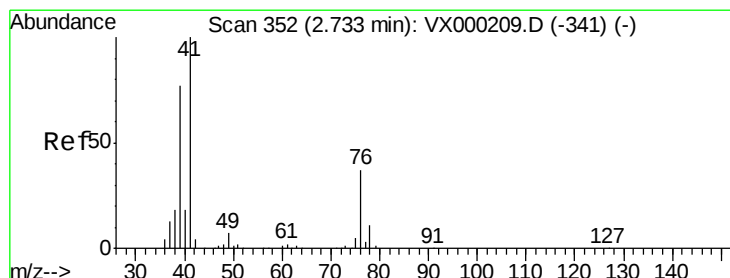
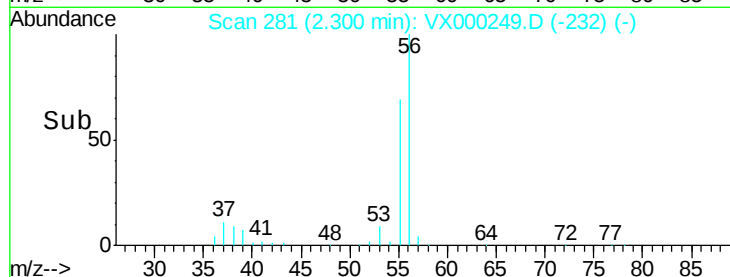
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 44.83 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

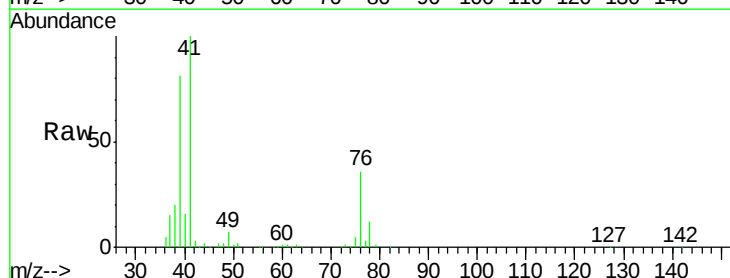
Tgt Ion: 41 Resp: 109393

Ion Ratio Lower Upper

41 100

39 72.8 57.0 85.6

76 32.4 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

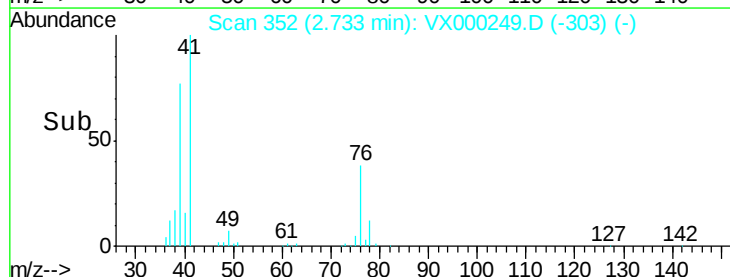
60000

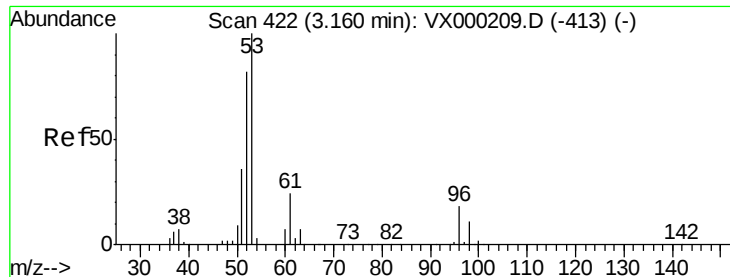
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 238.20 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

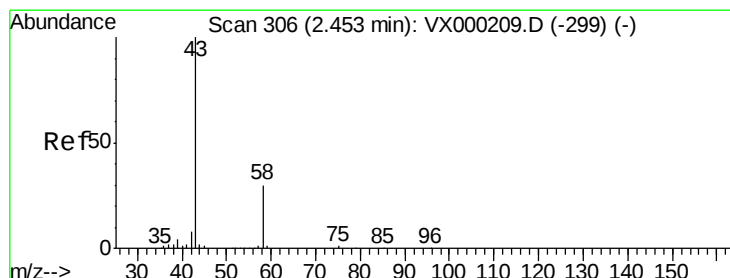
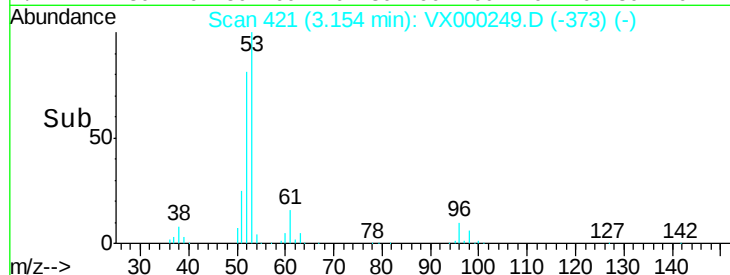
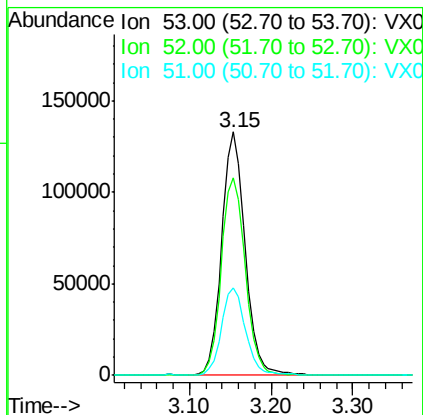
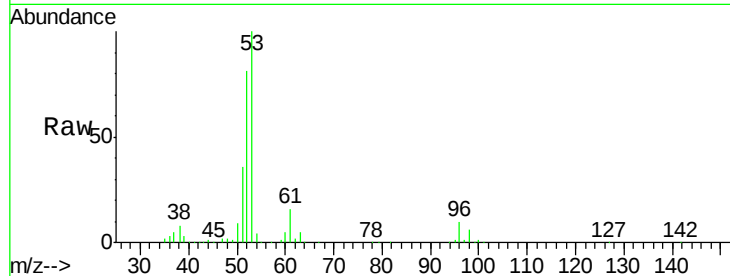
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	264456
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.3	99.5
51	37.2	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 237.45 ug/l

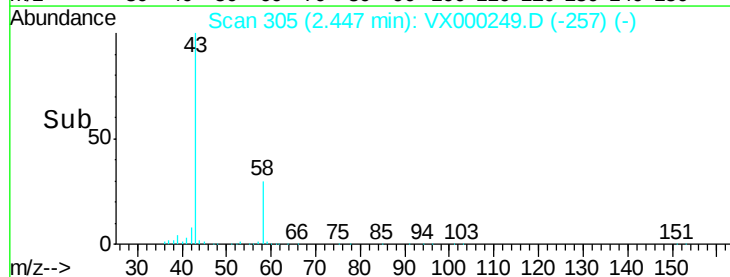
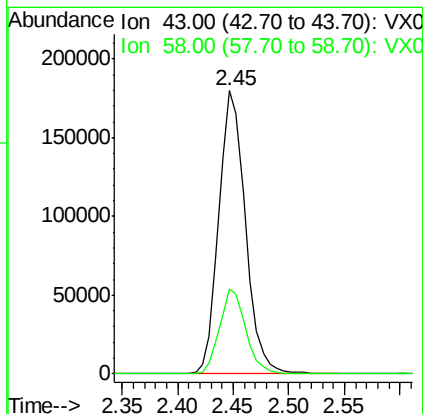
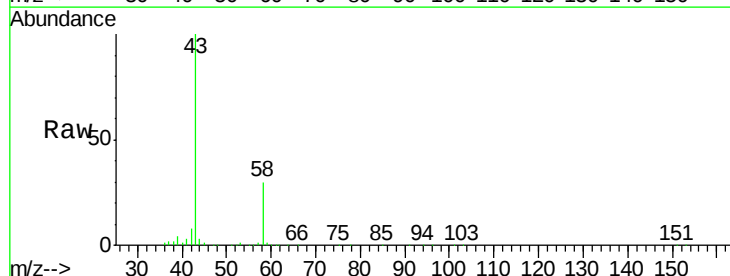
RT: 2.45 min Scan# 305

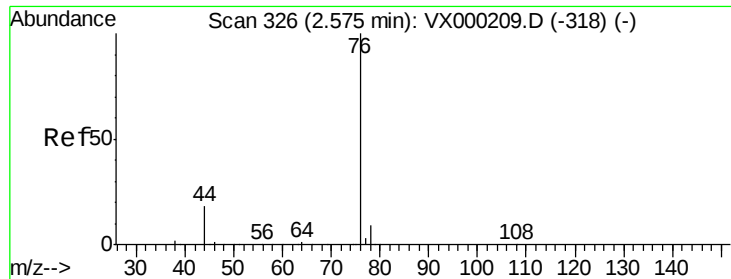
Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion:	43	Resp:	296075
Ion Ratio	Lower	Upper	
43	100		
58	29.9	23.8	35.6





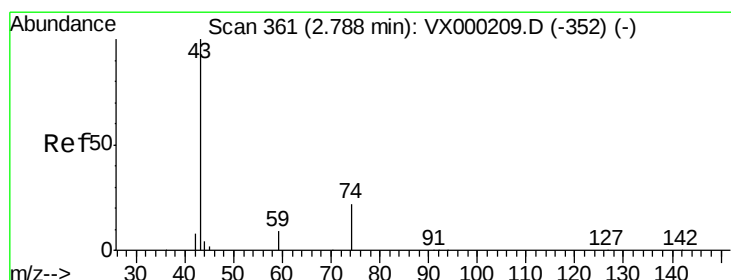
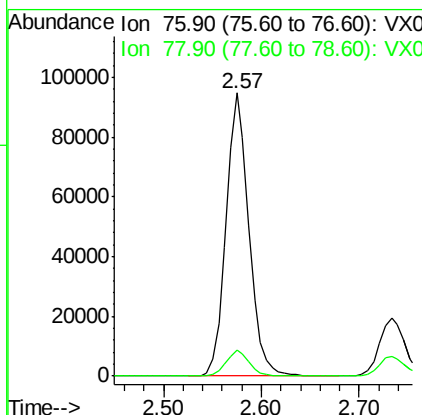
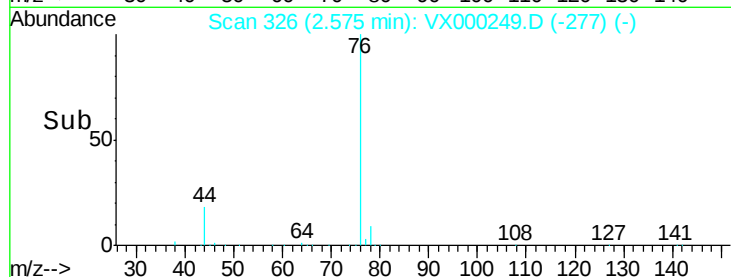
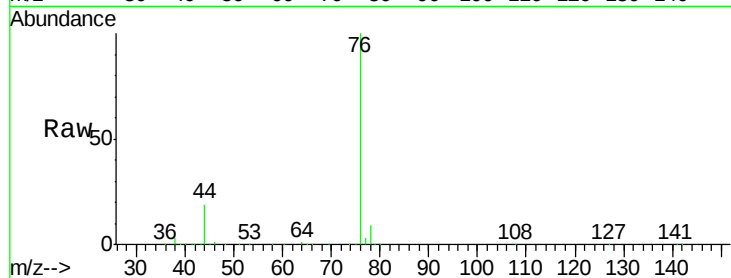
#17
Carbon Disulfide
Concen: 42.20 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 152746
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

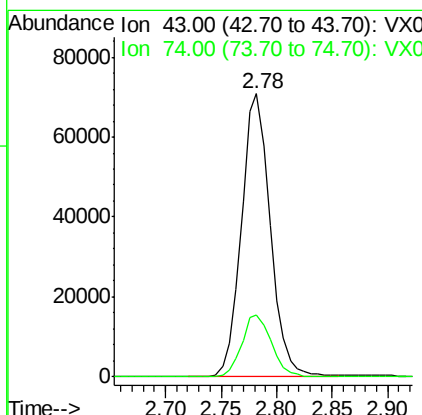
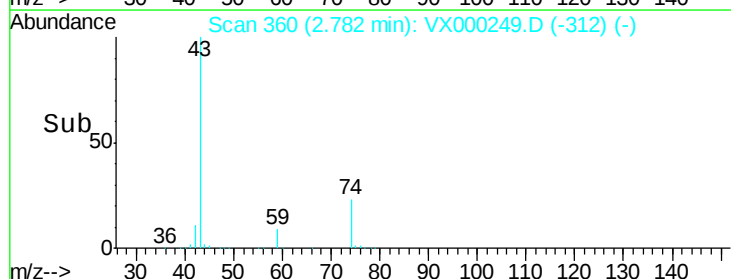
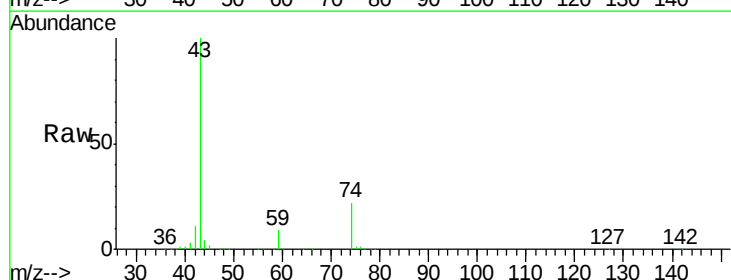
Manual Integrations
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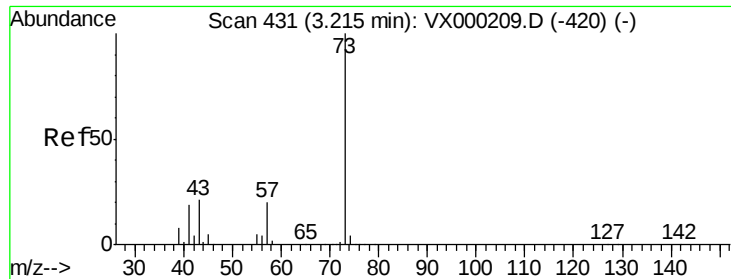
apatel
3/10/2018 12:55:49 PM



#18
Methyl Acetate
Concen: 47.89 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 43 Resp: 127161
Ion Ratio Lower Upper
43 100
74 23.0 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 45.19 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion: 73 Resp: 212605

Ion Ratio Lower Upper

73 100

57 20.8 16.3 24.5

Instrument :

MSVOA_X

ClientSampleId :

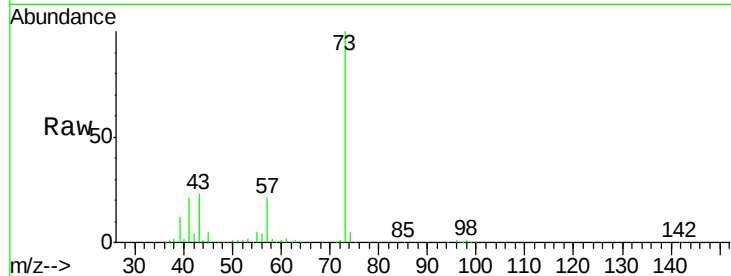
VSTDCCC050

Manual Integrations

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

100000

80000

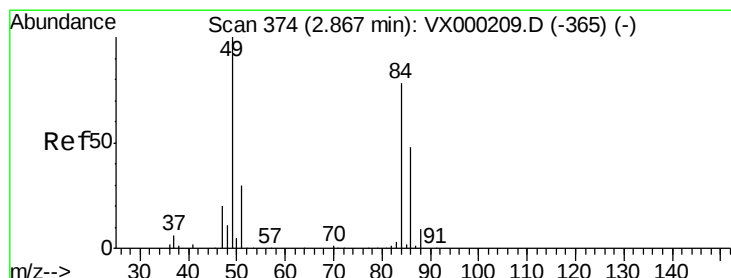
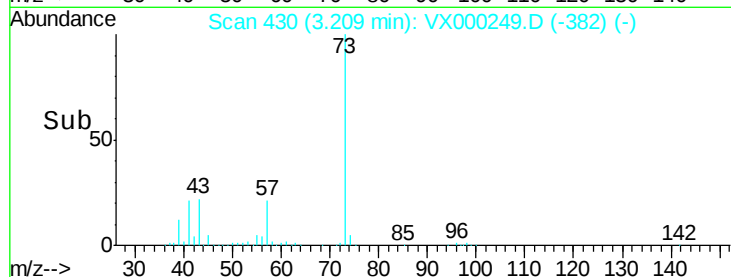
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 43.61 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion: 84 Resp: 64842

Ion Ratio Lower Upper

84 100

49 132.4 102.1 153.1

51 41.3 30.6 45.8

86 63.7 49.0 73.6

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

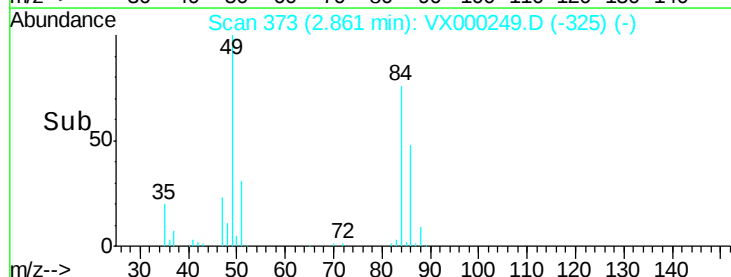
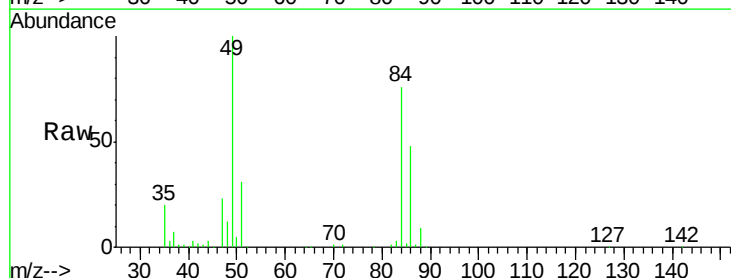
60000

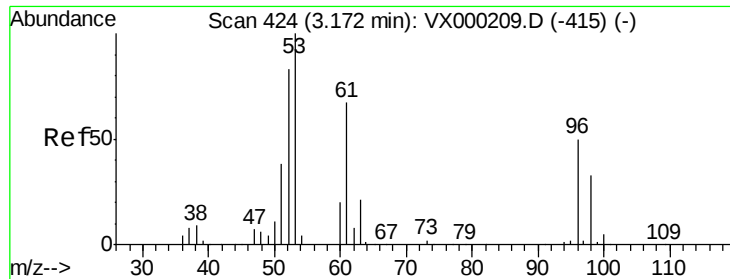
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 43.65 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

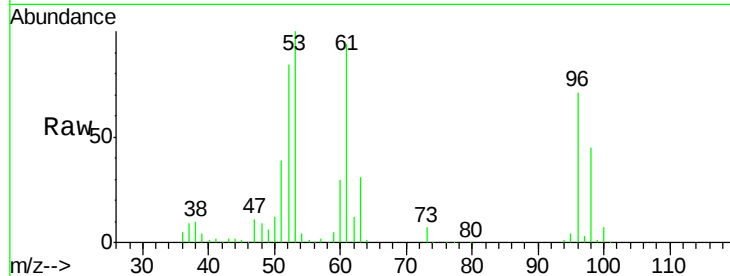
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	63411
Ion Ratio	Lower	Upper	
96	100		
61	132.8	107.0	160.4
98	63.5	51.8	77.8

Manual Integrations
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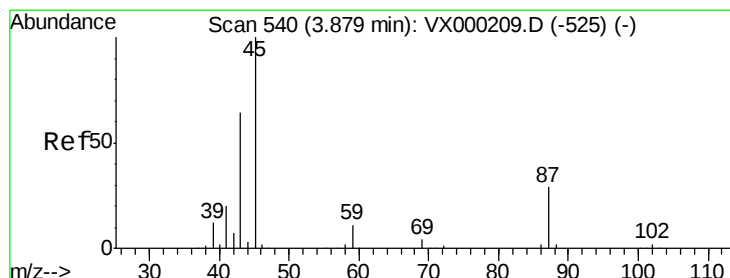
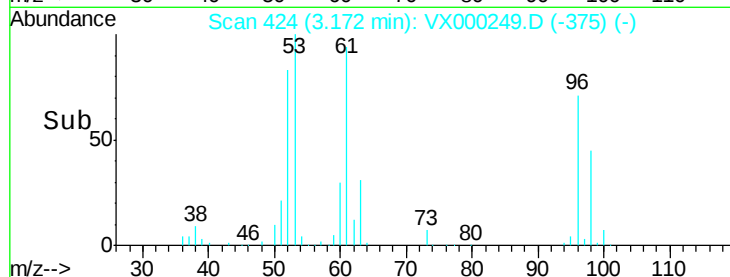
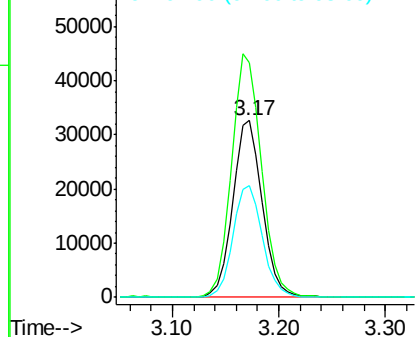


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.36 ug/l

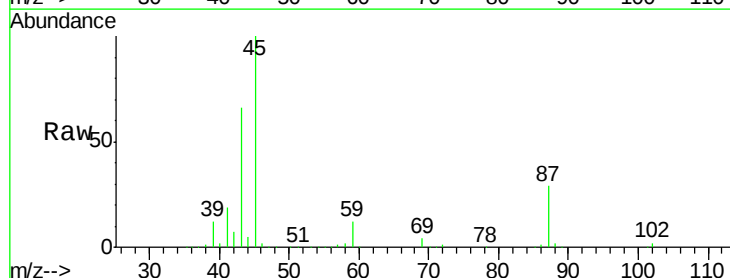
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion:	45	Resp:	206837
Ion Ratio	Lower	Upper	
45	100		
43	65.6	53.5	80.3
87	29.0	23.3	34.9
59	12.2	9.0	13.6



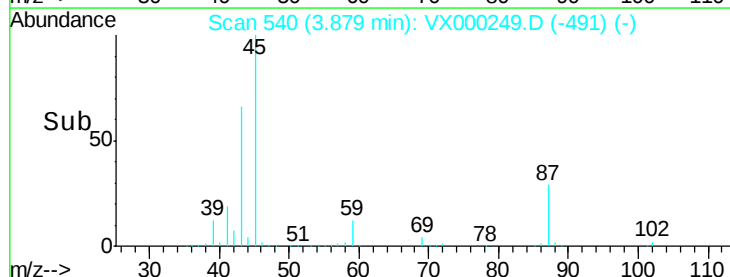
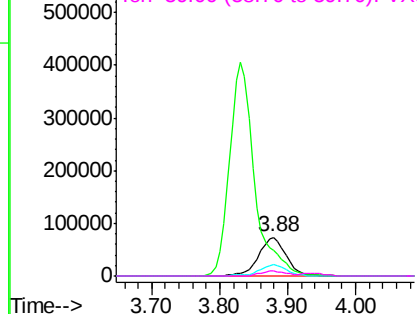
Abundance

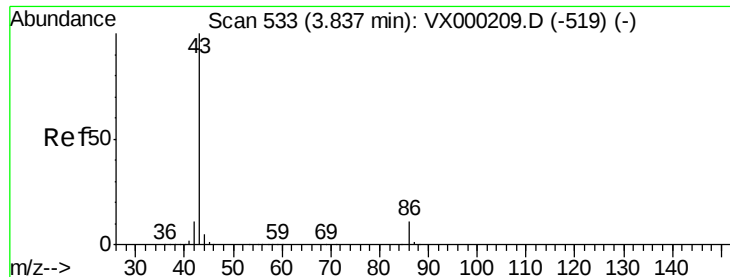
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1036780

Ion Ratio Lower Upper

43 100

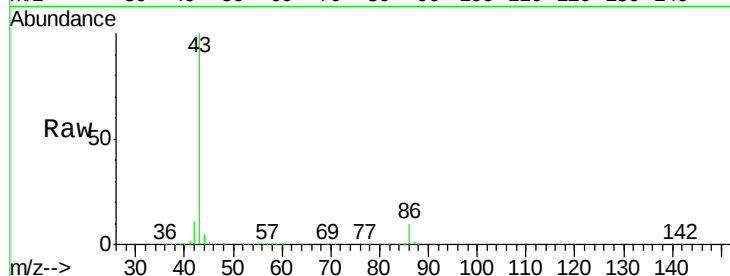
86 10.5 8.5 12.7

Manual Integrations

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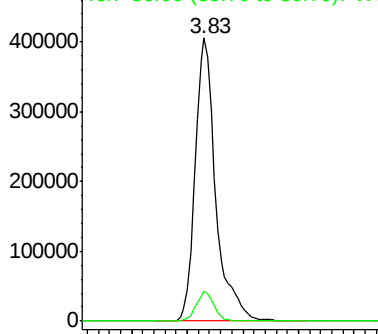
apatel

3/10/2018 12:55:49 PM

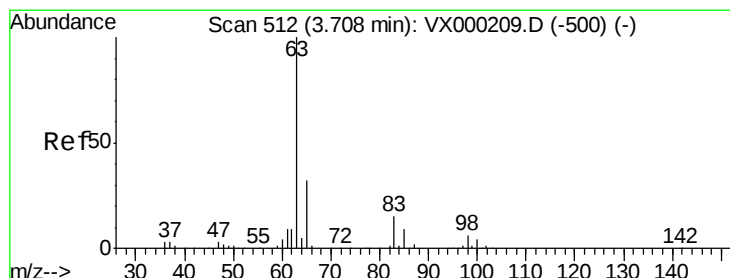
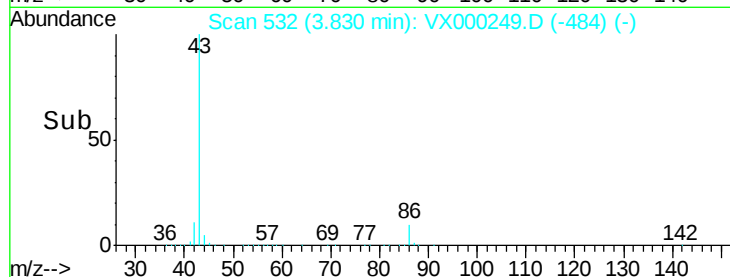


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 44.19 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

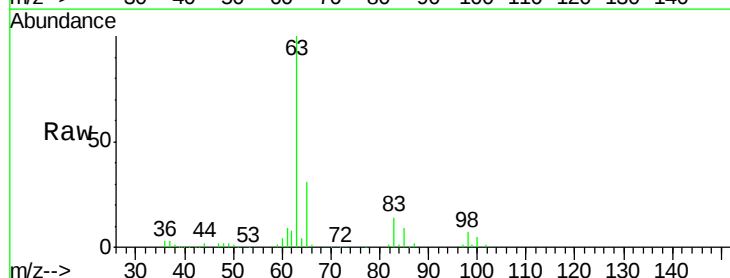
Tgt Ion: 63 Resp: 113515

Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

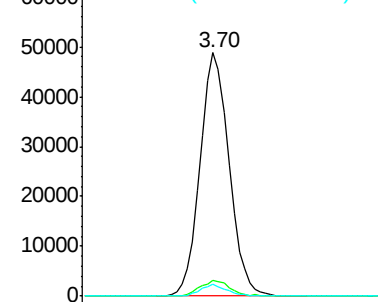
100 4.8 2.2 6.6



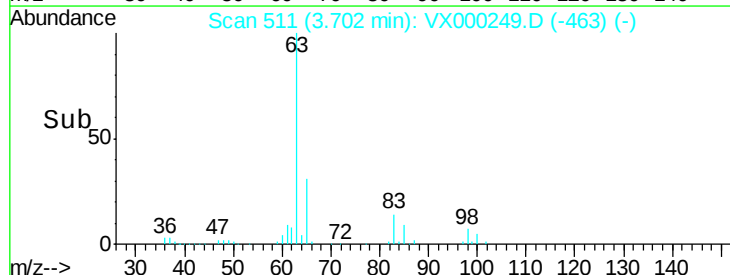
Abundance Ion 62.90 (62.60 to 63.60): VX0

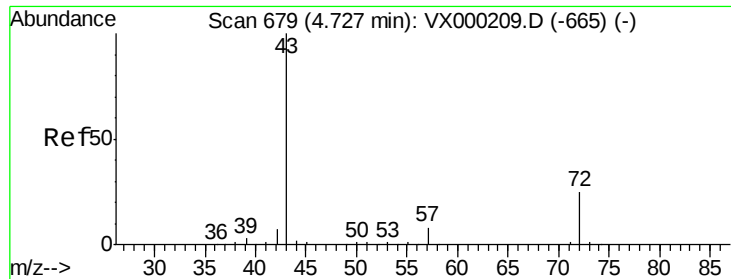
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 238.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion: 43 Resp: 366938

Ion Ratio Lower Upper

43 100

72 27.1 20.2 30.2

Instrument :

MSVOA_X

ClientSampleId :

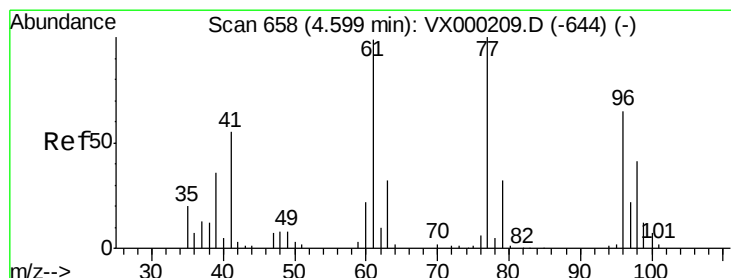
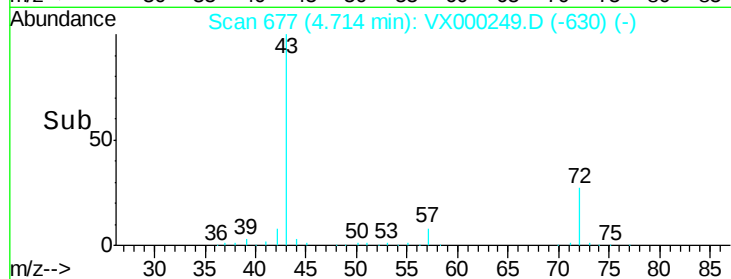
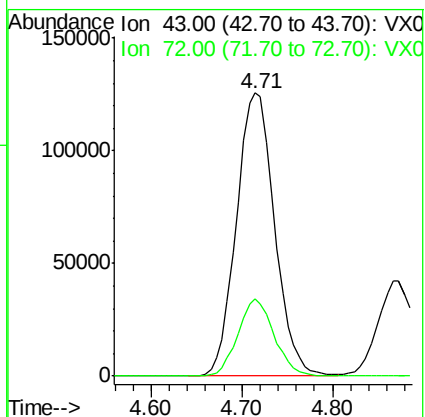
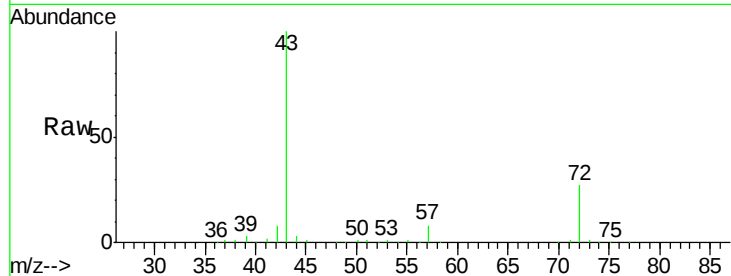
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 43.06 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000249.D

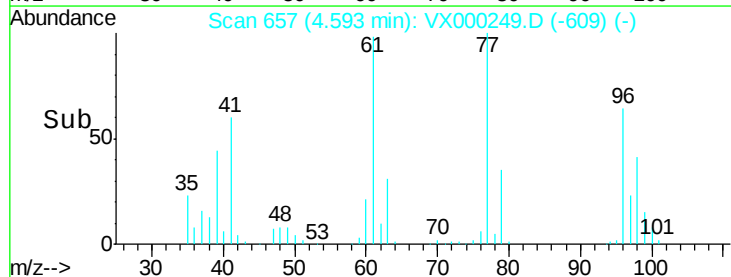
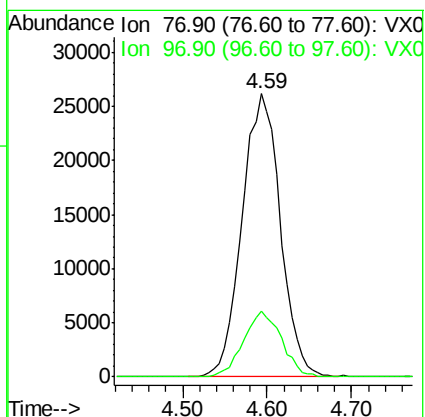
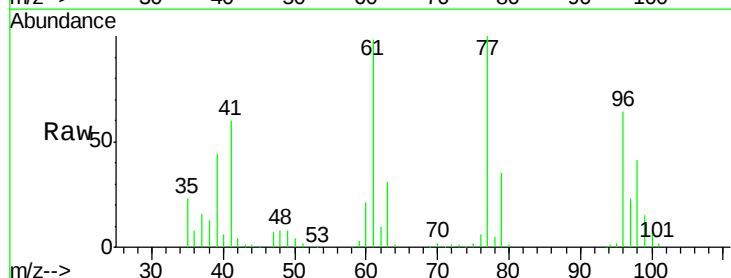
Acq: 09 Mar 2018 11:52

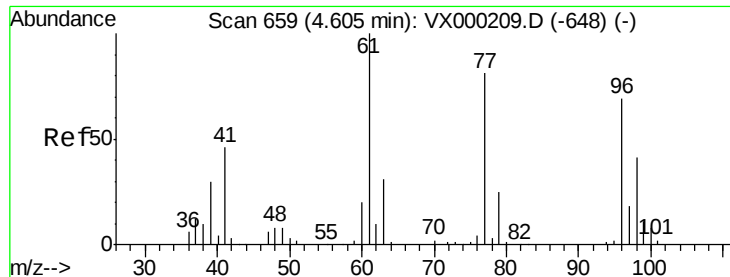
Tgt Ion: 77 Resp: 80851

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

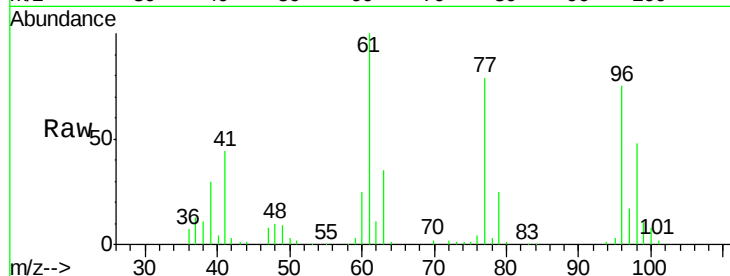
cis-1,2-Dichloroethene
Concen: 44.03 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	60652		
61	143.2	0.0	296.4	
98	65.7	0.0	130.6	

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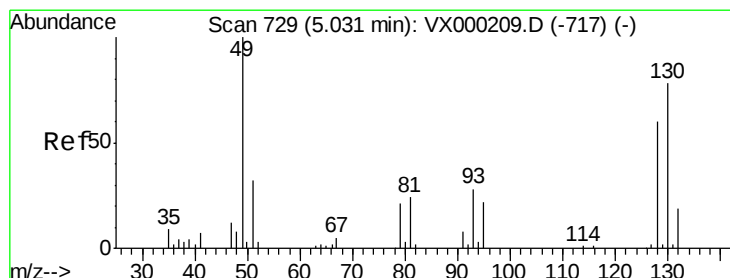
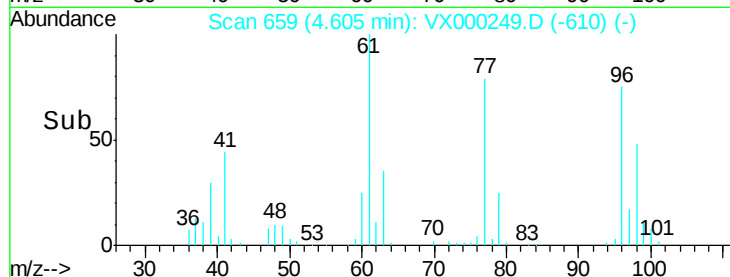
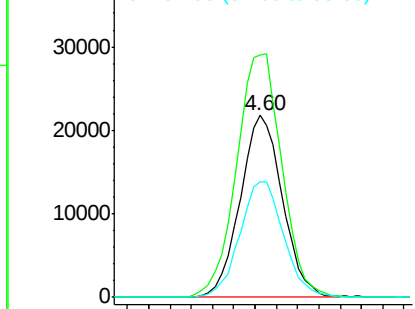


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

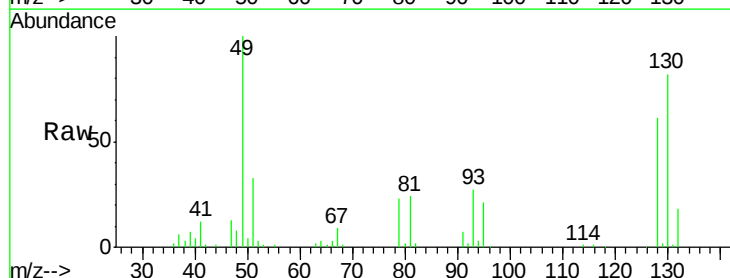
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 57.71 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	63004		
129	2.4	0.0	5.0	
130	81.0	63.5	95.3	

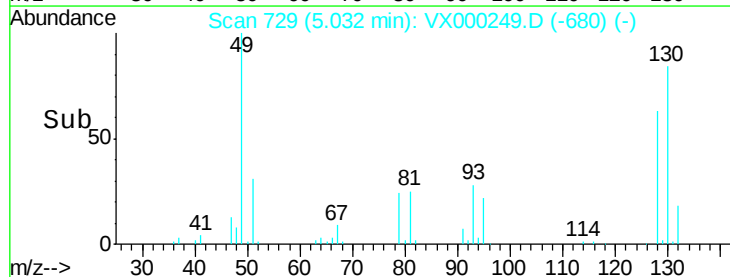
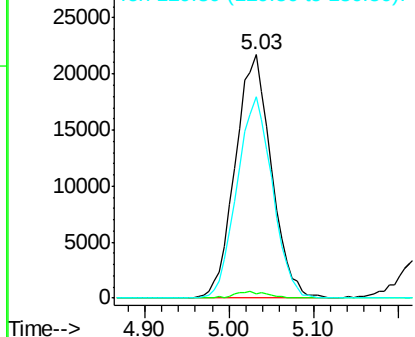


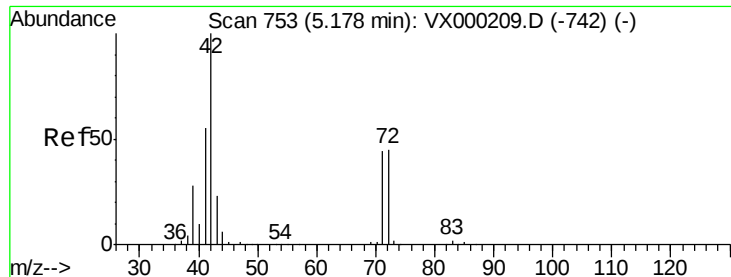
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





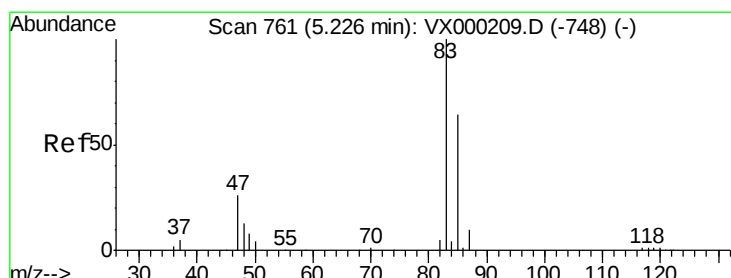
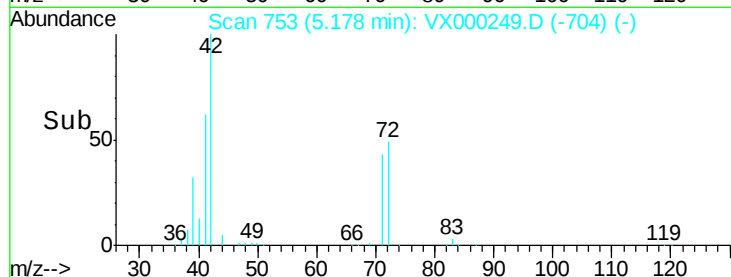
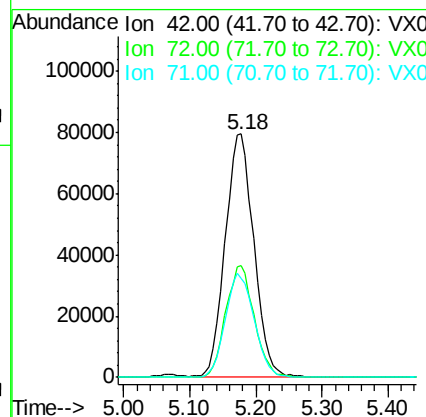
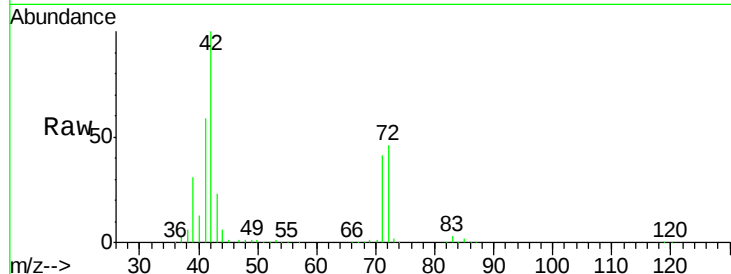
#29
Tetrahydrofuran
Concen: 247.20 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.5	37.3	55.9
71	42.8	35.0	52.4

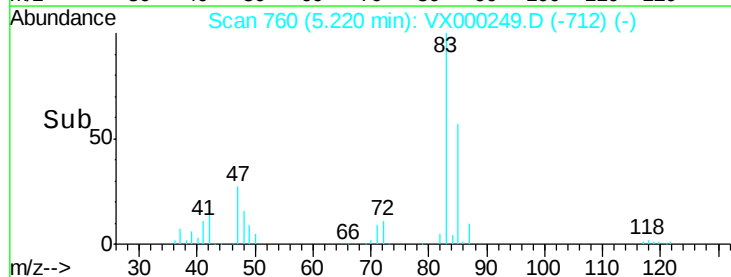
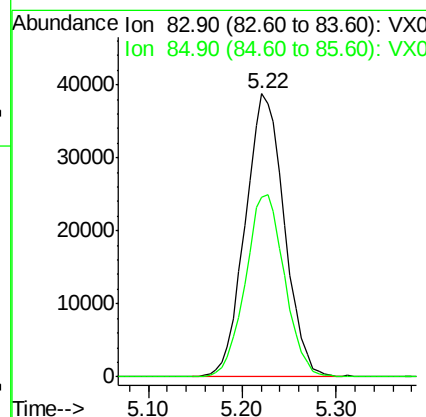
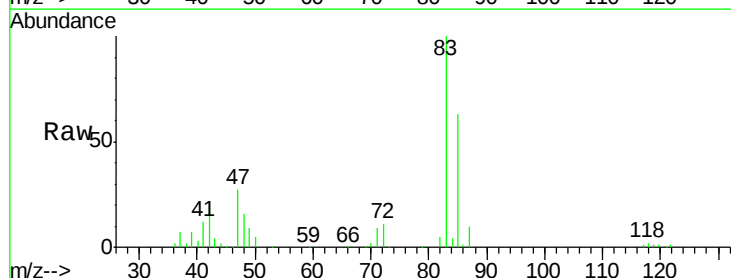
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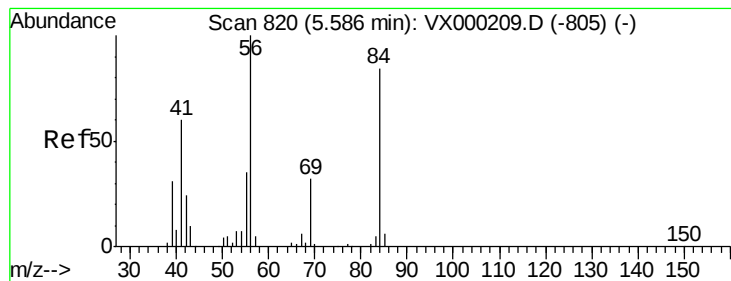
apatel
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#30
Chloroform
Concen: 45.07 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.0	76.6





#31

Cyclohexane

Concen: 47.47 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

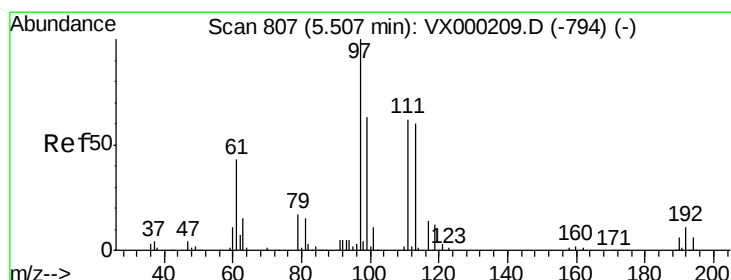
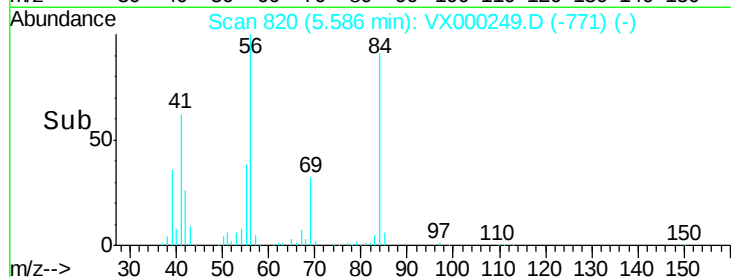
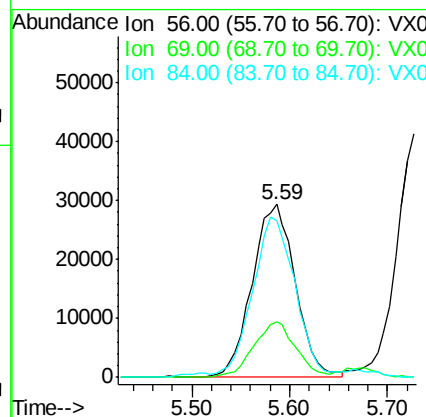
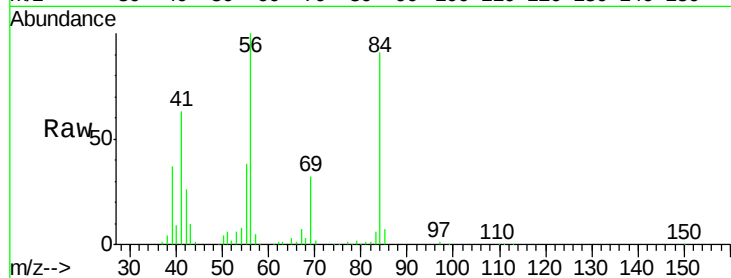
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	90177
Ion Ratio		Lower	Upper
56	100		
69	32.2	25.3	37.9
84	88.8	67.2	100.8

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#32

1,1,1-Trichloroethane

Concen: 46.09 ug/l

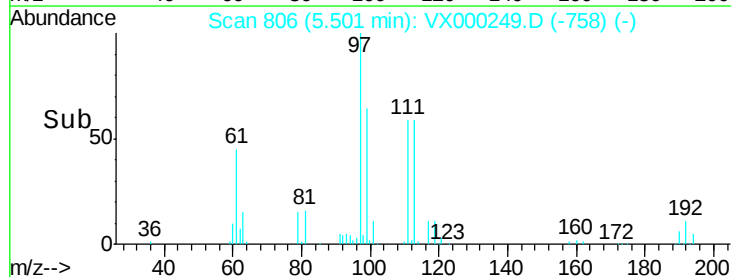
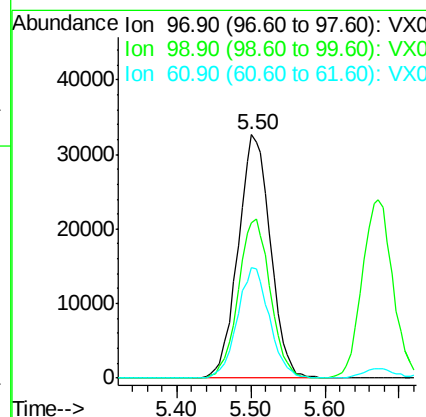
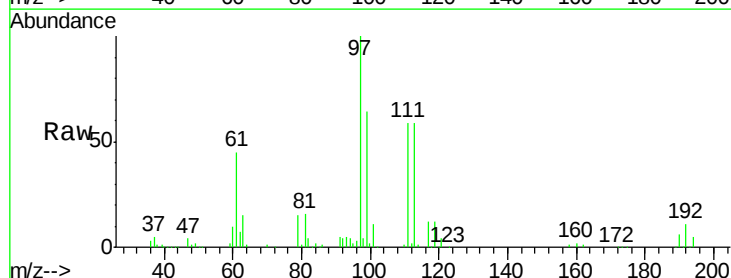
RT: 5.50 min Scan# 806

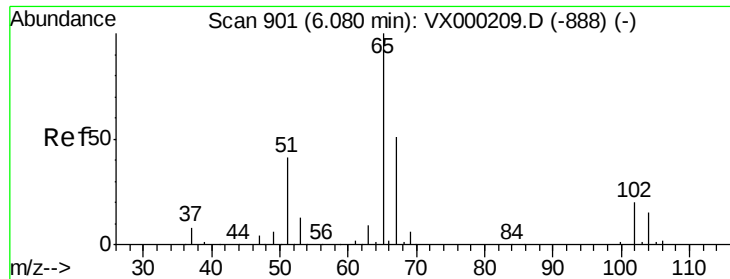
Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion:	97	Resp:	99254
Ion Ratio		Lower	Upper
97	100		
99	64.9	50.9	76.3
61	45.0	35.4	53.0





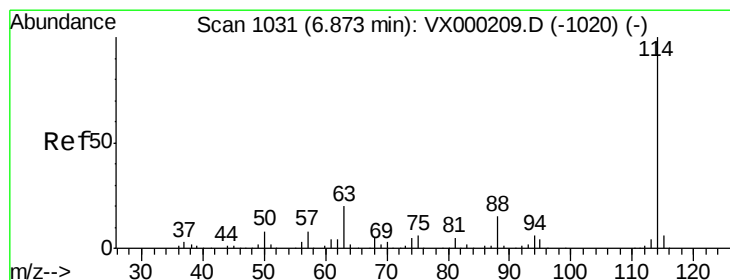
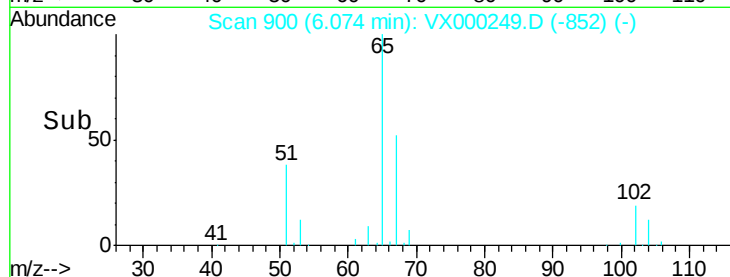
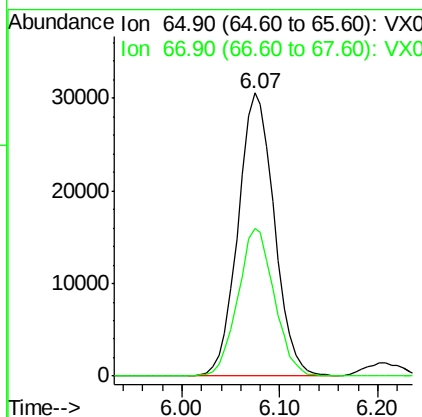
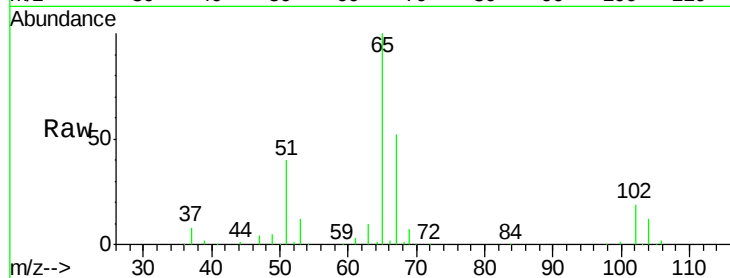
#33
 1,2-Dichloroethane-d4
 Concen: 45.32 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 78684
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.4

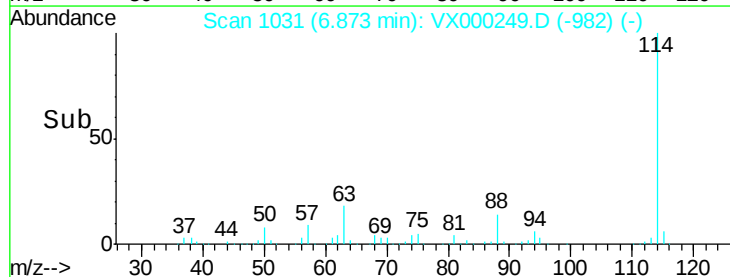
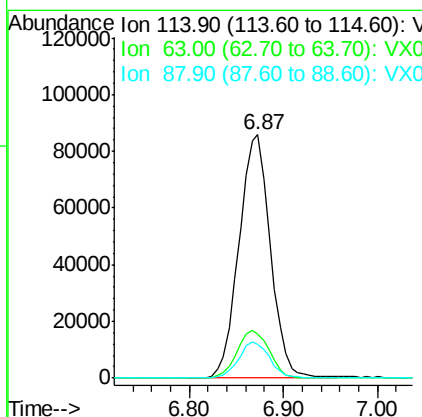
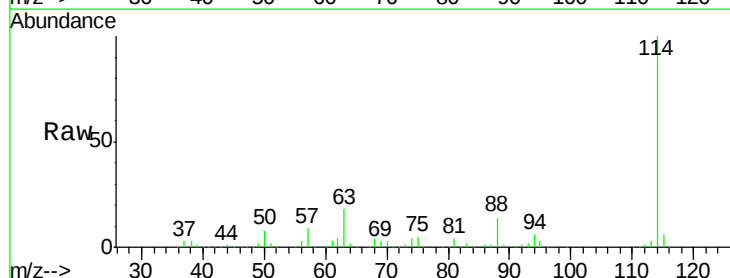
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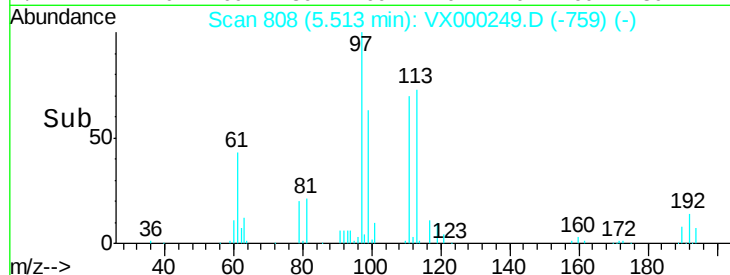
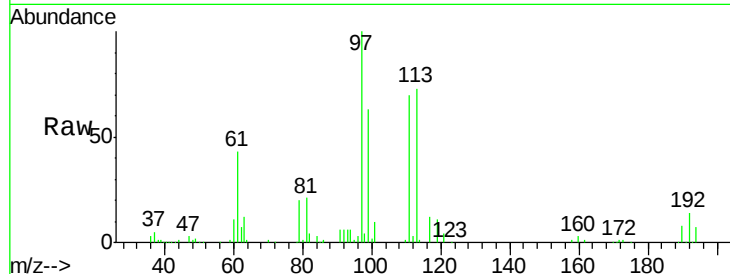
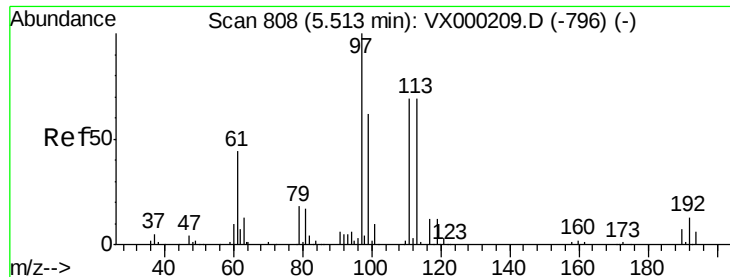
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 114 Resp: 200467
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.2
 88 13.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.49 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000249.D

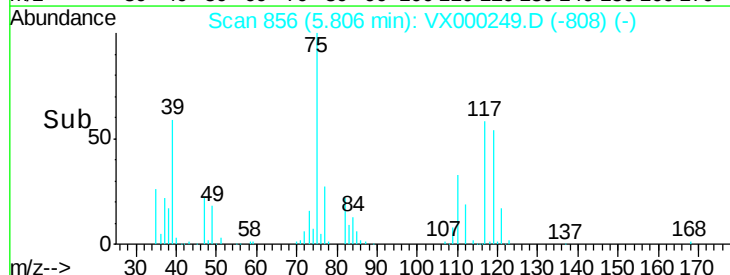
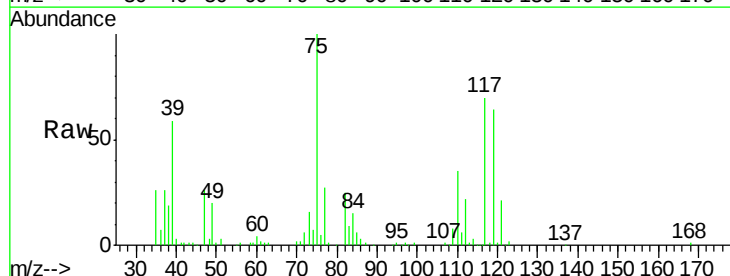
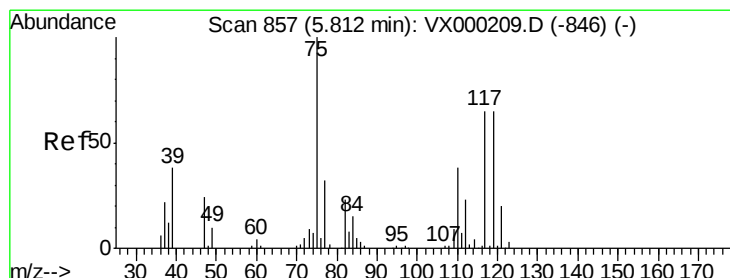
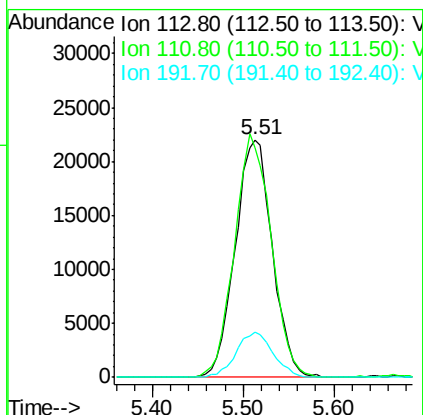
Acq: 09 Mar 2018 11:52

Tgt Ion:	113	Resp:	62326
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	18.9	15.5	23.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#36

1,1-Dichloropropene

Concen: 46.87 ug/l

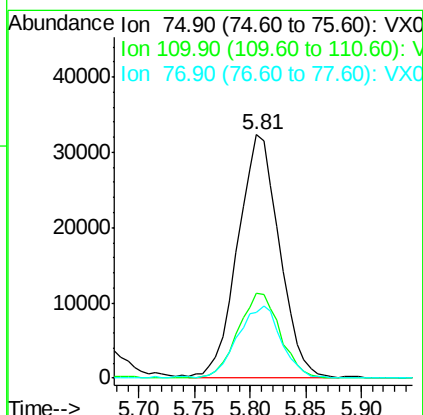
RT: 5.81 min Scan# 856

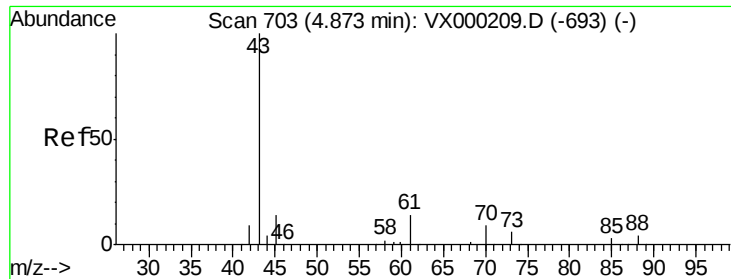
Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion:	75	Resp:	83598
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	31.3	24.9	37.3





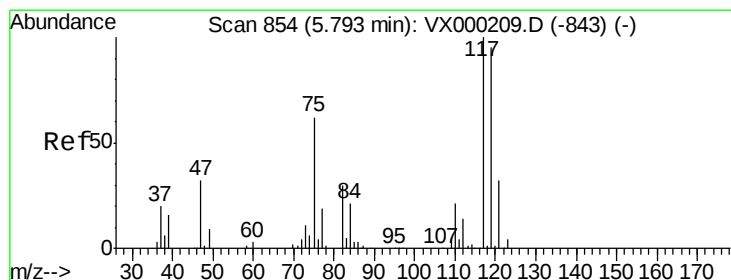
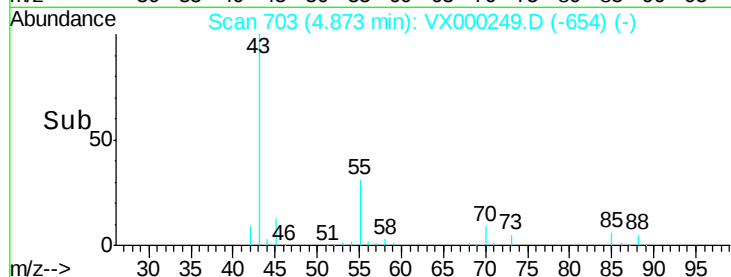
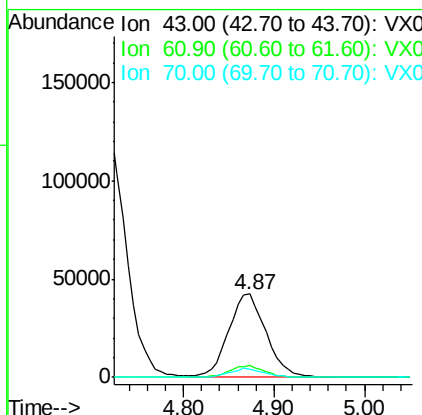
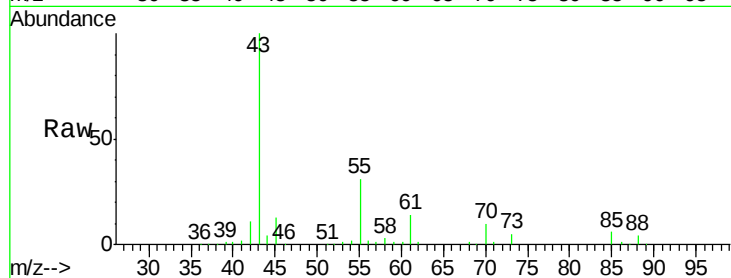
#37
Ethyl Acetate
Concen: 46.95 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.6
70	9.9	7.8	11.6

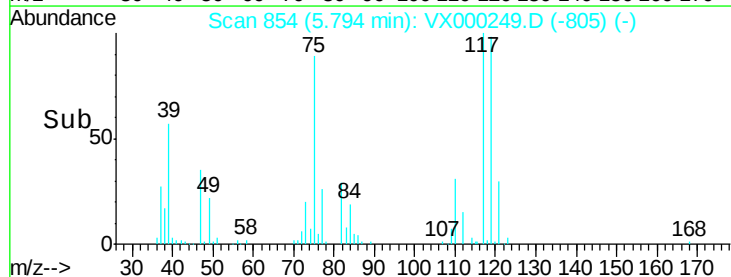
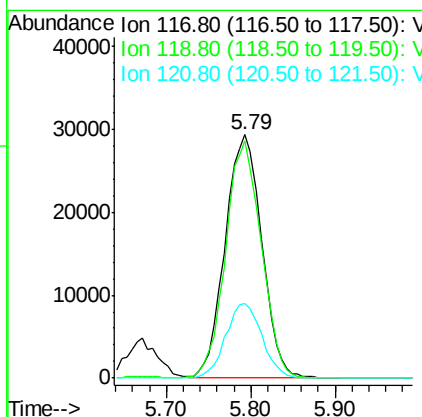
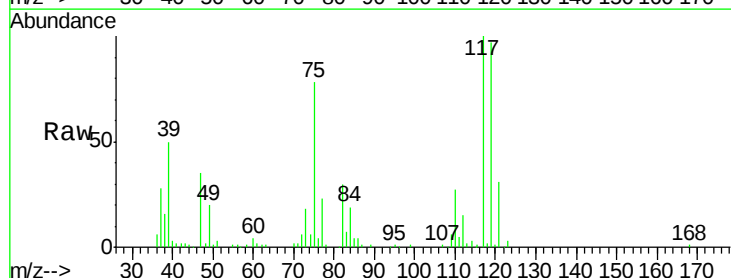
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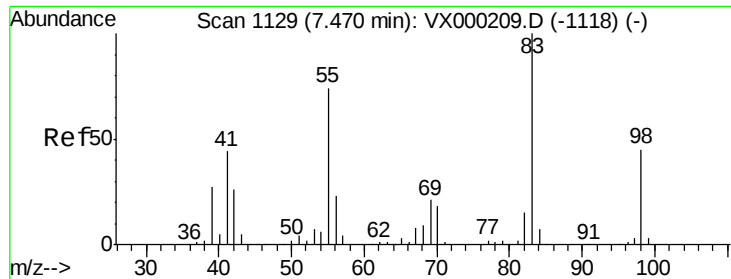
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#38
Carbon Tetrachloride
Concen: 48.12 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.9	113.9
121	30.7	25.8	38.6





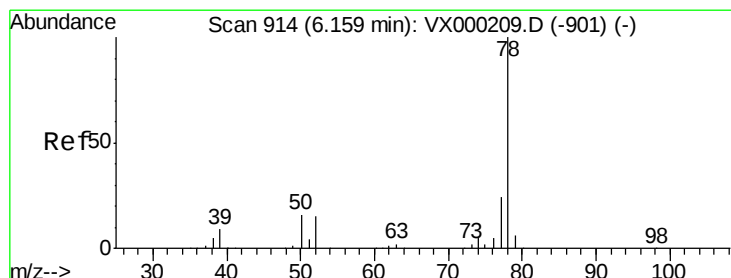
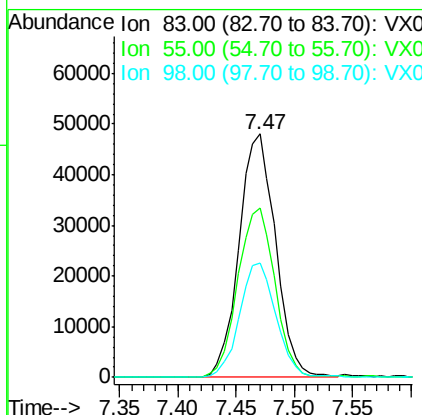
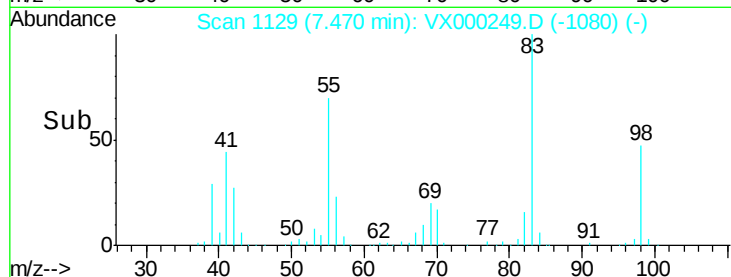
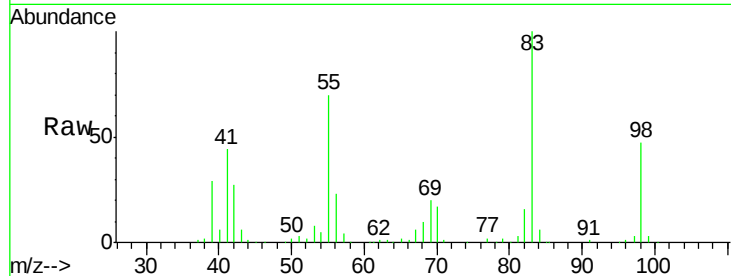
#39
Methylcyclohexane
Concen: 48.11 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.6	59.4	89.0
98	47.1	36.3	54.5

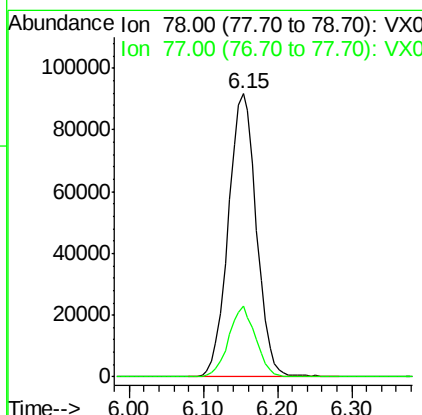
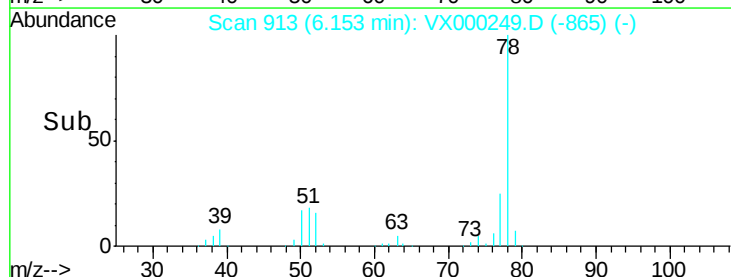
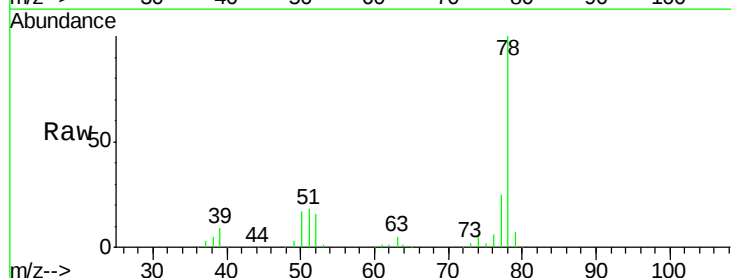
Manual Integrations
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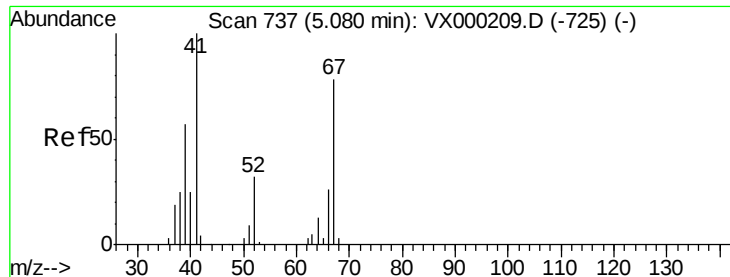
apatel
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#40
Benzene
Concen: 47.12 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.4	29.2





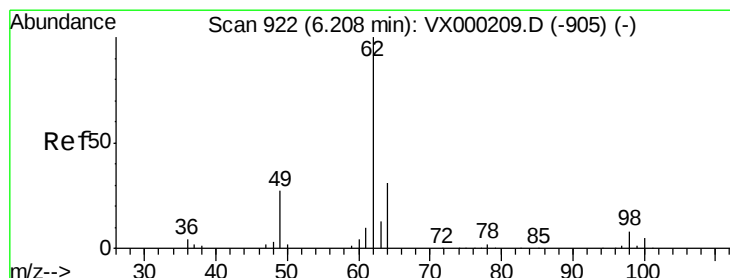
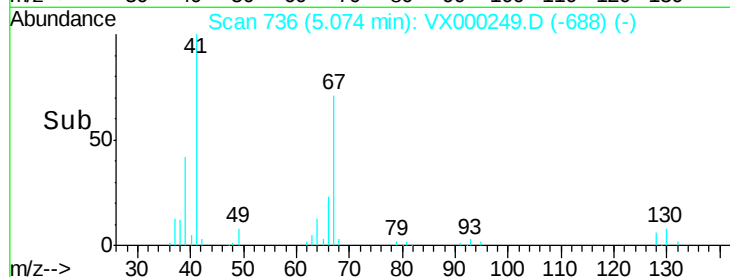
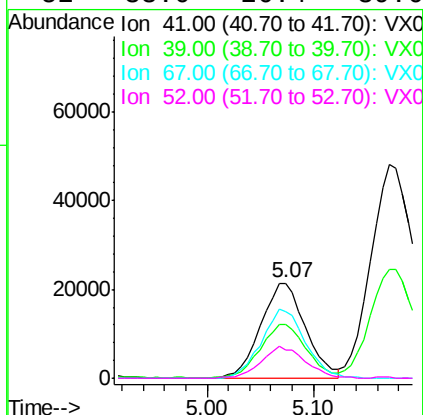
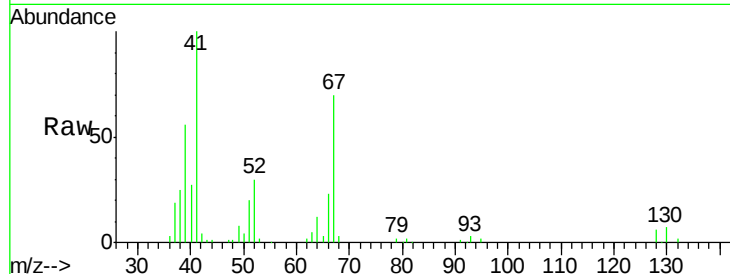
#41
Methacrylonitrile
Concen: 47.88 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.8	47.8	71.6
67	70.9	59.3	88.9
52	33.0	26.4	39.6

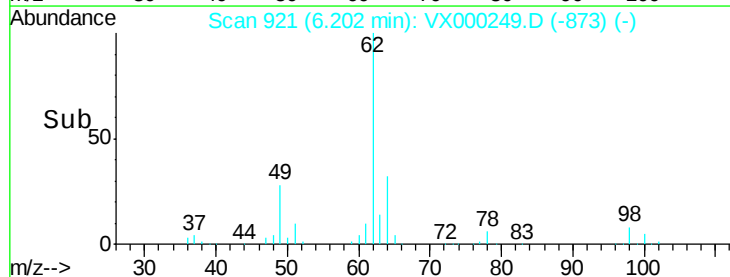
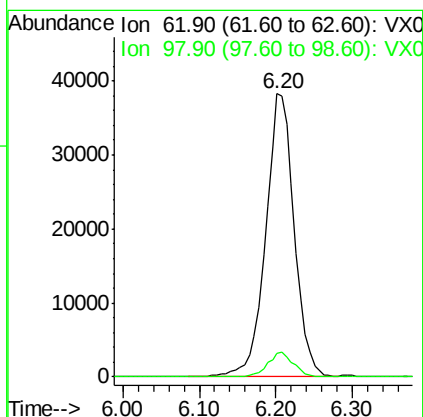
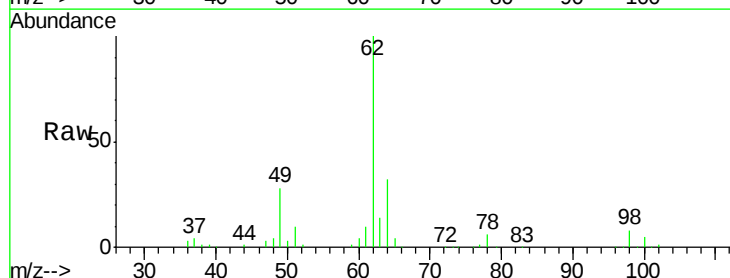
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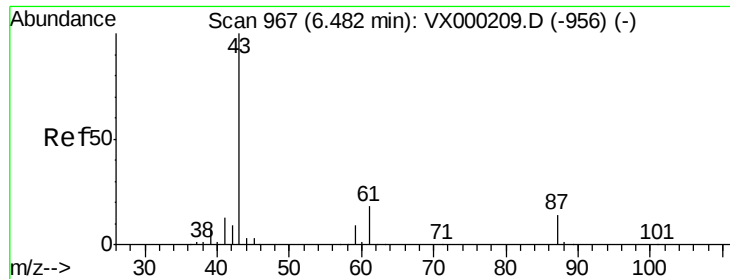
apatel
3/10/2018 12:55:49 PM



#42
1,2-Dichloroethane
Concen: 49.07 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2





#43

Isopropyl Acetate

Concen: 49.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

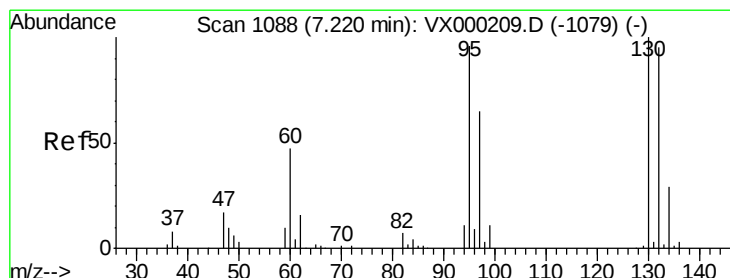
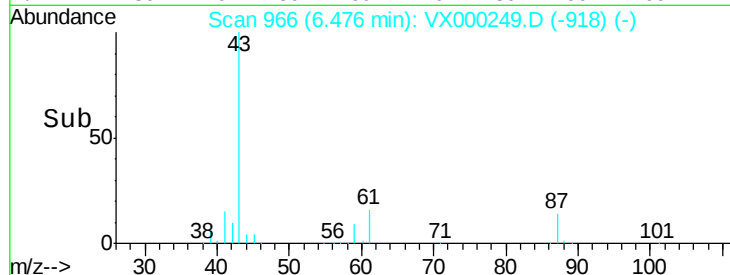
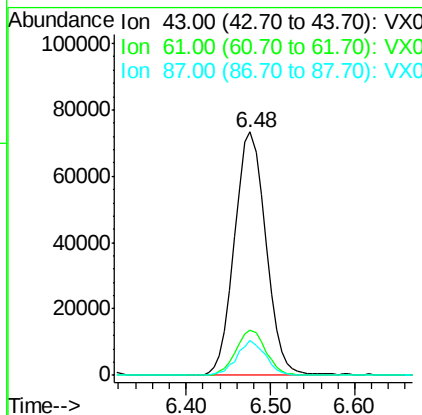
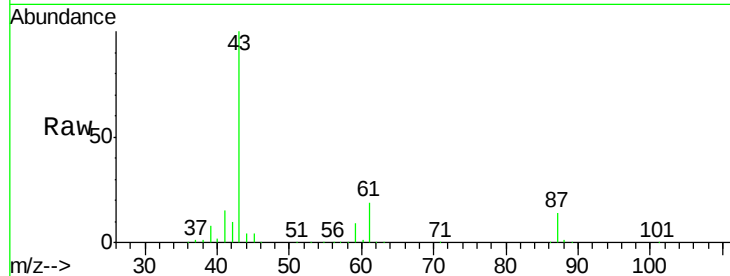
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	184852
Ion Ratio		Lower	Upper
43	100		
61	17.8	14.8	22.2
87	12.9	10.6	16.0

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#44

Trichloroethene

Concen: 47.63 ug/l

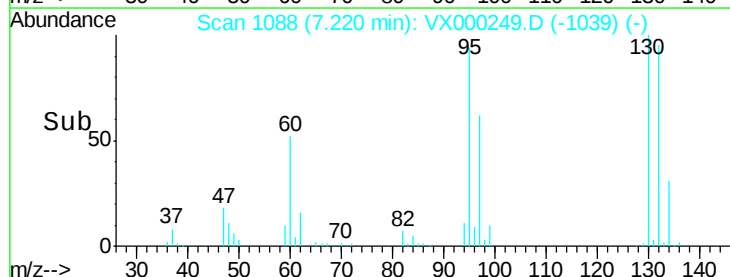
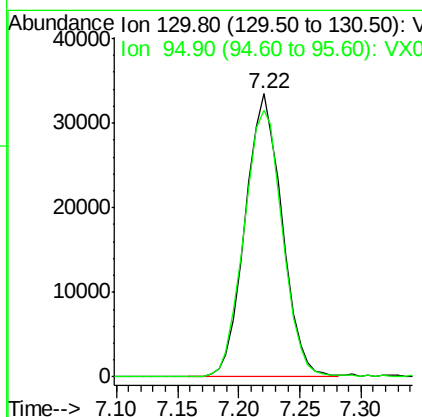
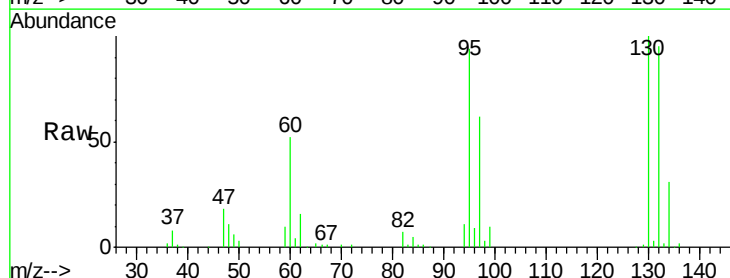
RT: 7.22 min Scan# 1088

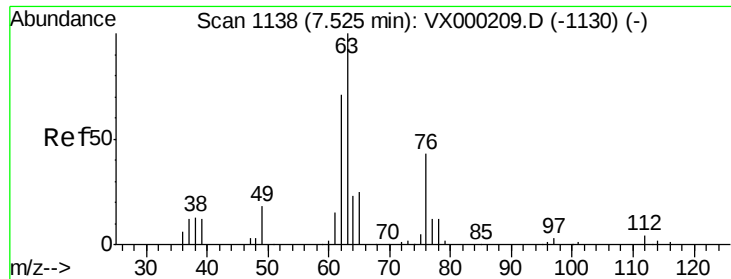
Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion:	130	Resp:	70136
Ion Ratio		Lower	Upper
130	100		
95	94.4	0.0	191.8





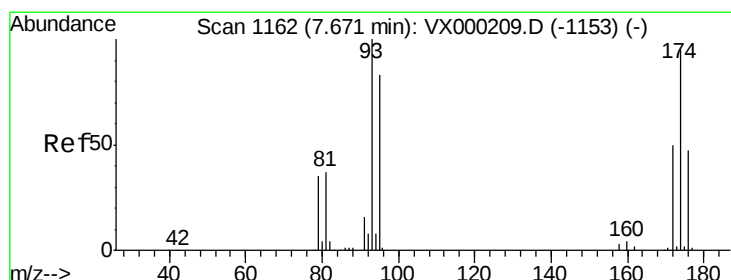
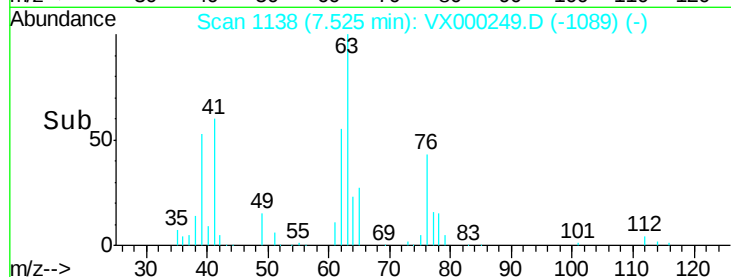
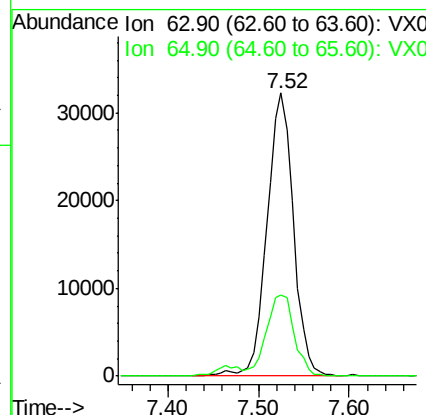
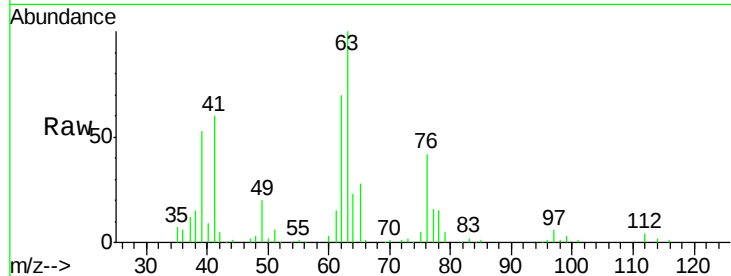
#45
1,2-Dichloropropane
Concen: 50.15 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 65348
Ion Ratio Lower Upper
63 100
65 28.5 22.3 33.5

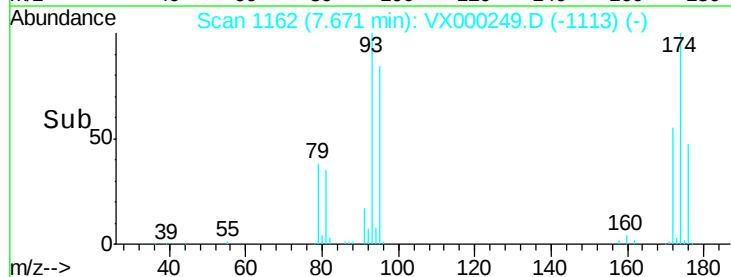
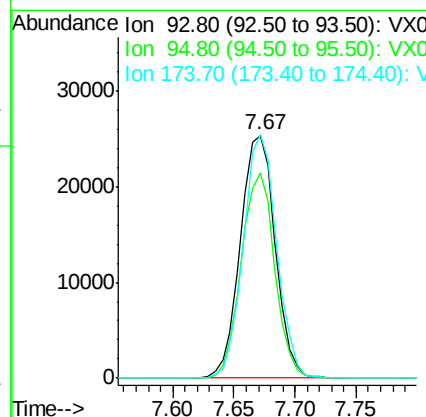
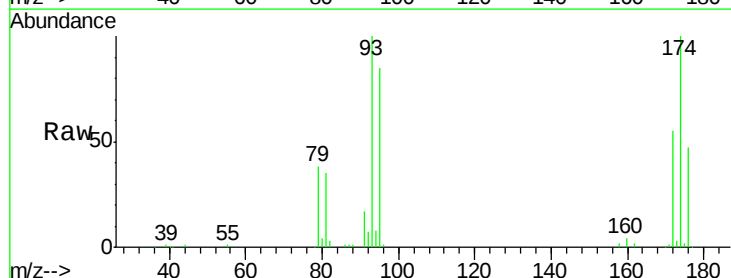
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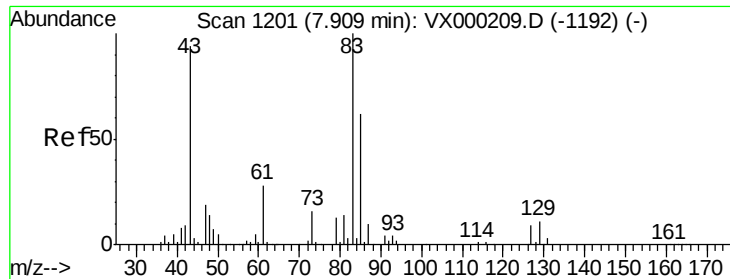
apatel
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#46
Dibromomethane
Concen: 48.68 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 93 Resp: 50178
Ion Ratio Lower Upper
93 100
95 81.2 64.1 96.1
174 96.0 75.8 113.8





#47

Bromodichloromethane

Concen: 50.21 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

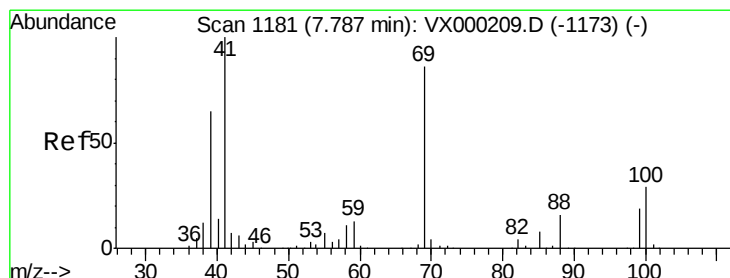
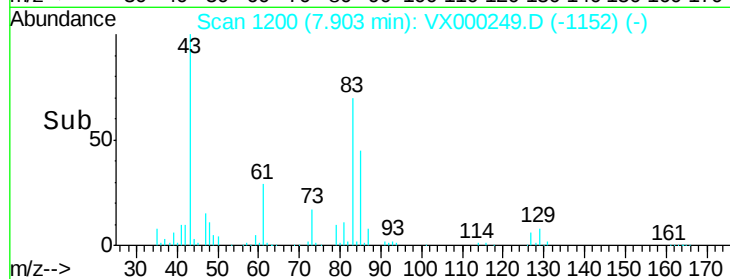
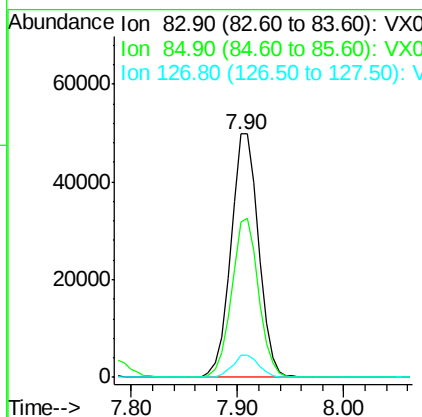
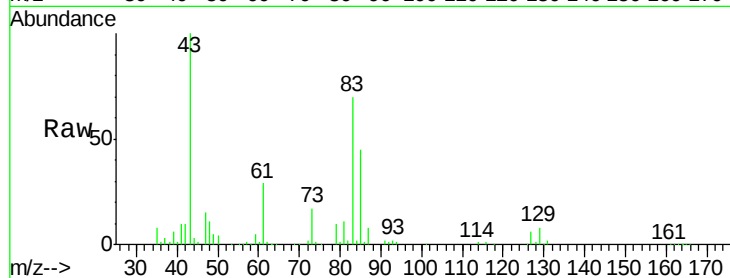
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	91037
Ion Ratio	Lower	Upper	
83	100		
85	63.9	49.6	74.4
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.73 ug/l

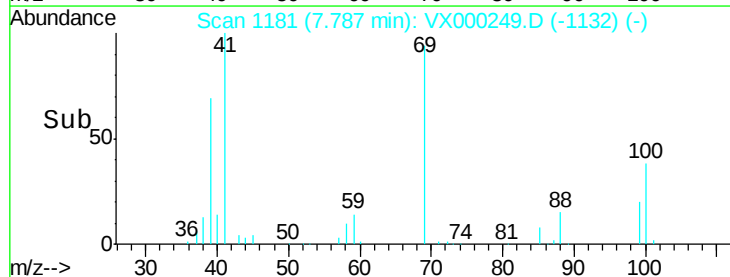
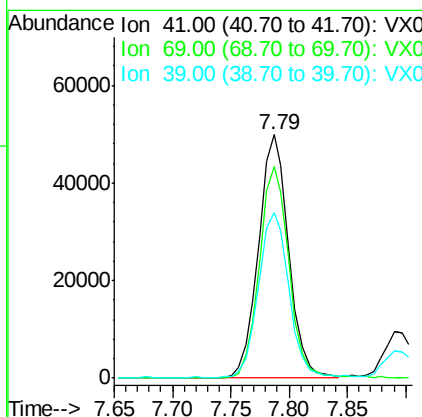
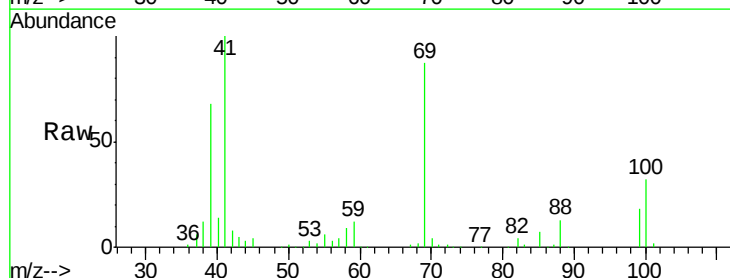
RT: 7.79 min Scan# 1181

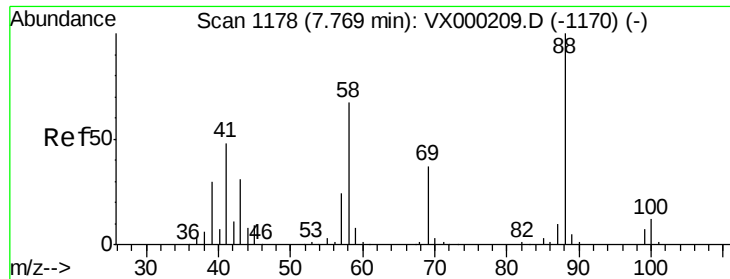
Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion:	41	Resp:	89451
Ion Ratio	Lower	Upper	
41	100		
69	86.3	70.0	105.0
39	69.3	53.6	80.4





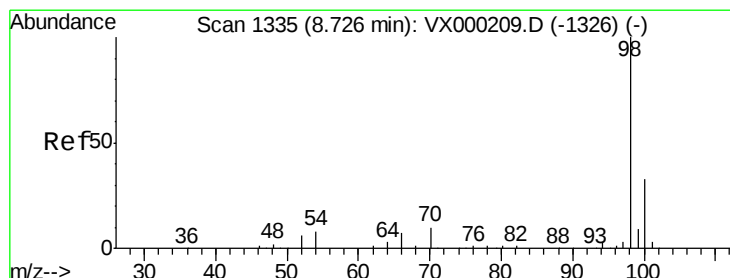
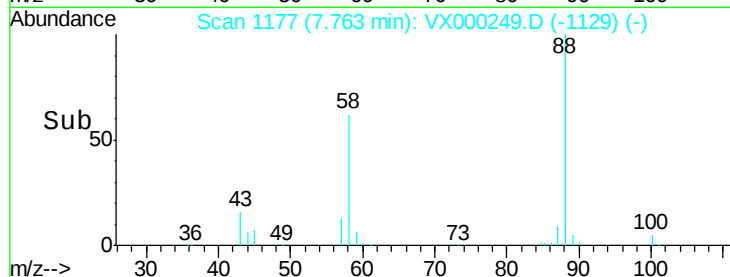
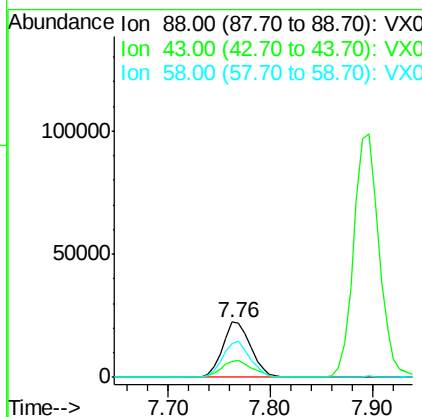
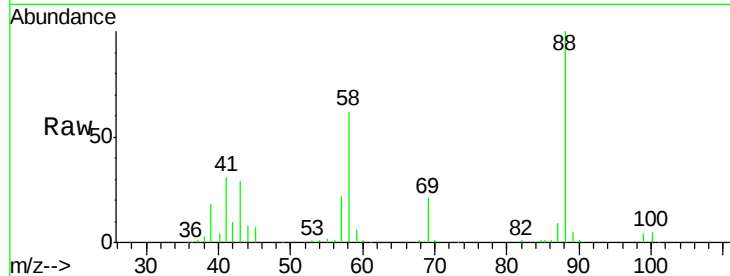
#49
1,4-Dioxane
Concen: 1032.44 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.9	40.3
58	64.2	52.2	78.4

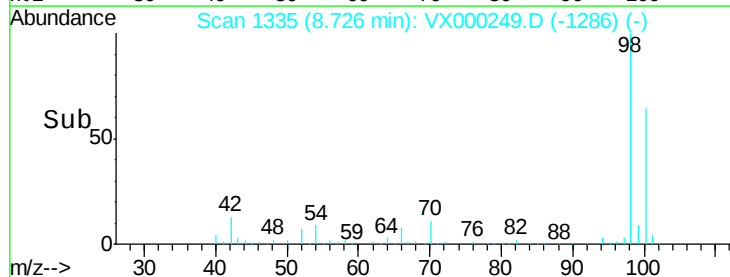
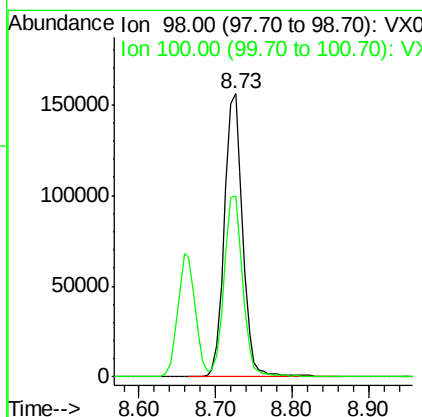
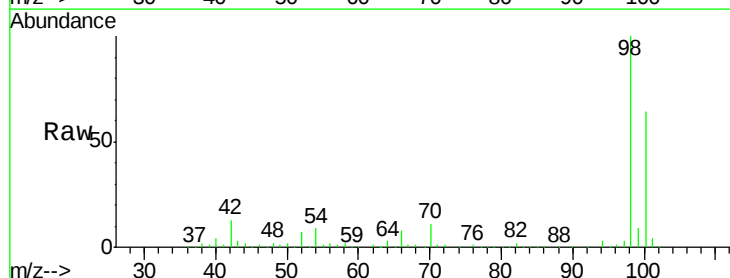
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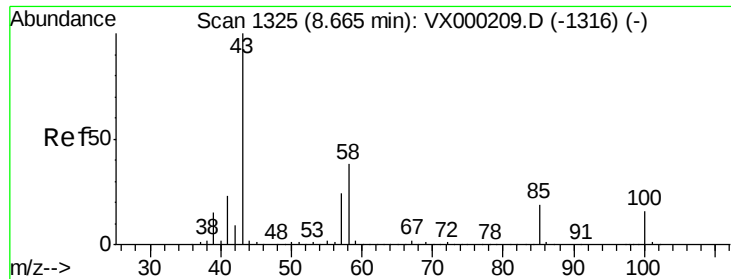
apatel
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#50
Toluene-d8
Concen: 49.56 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 265.63 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 747256

Ion Ratio Lower Upper

43 100

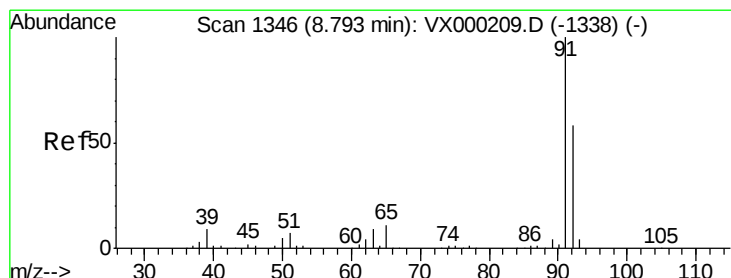
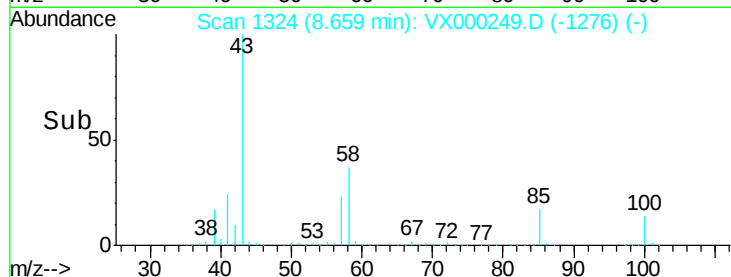
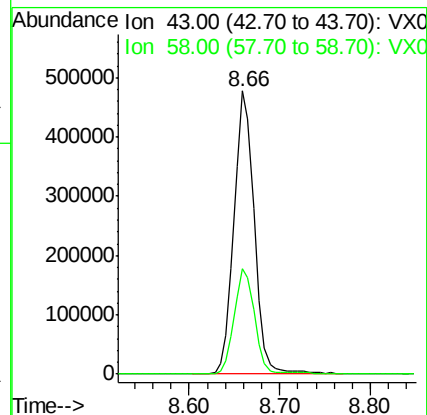
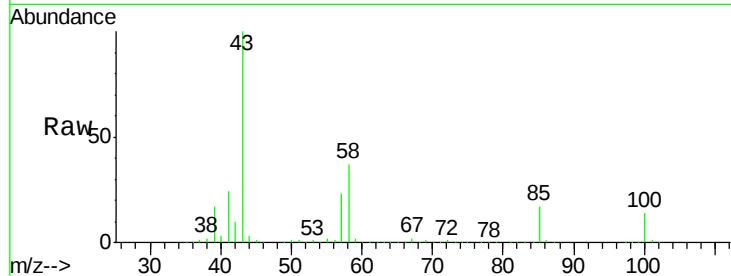
58 36.9 30.2 45.2

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#52

Toluene

Concen: 48.80 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000249.D

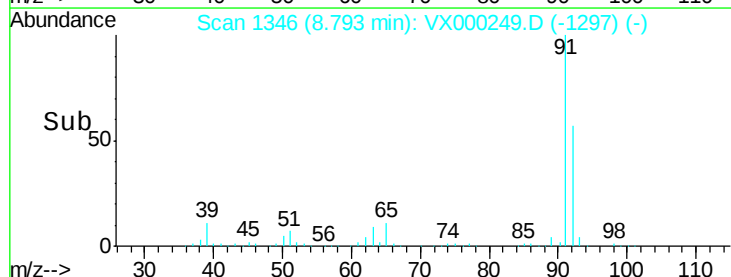
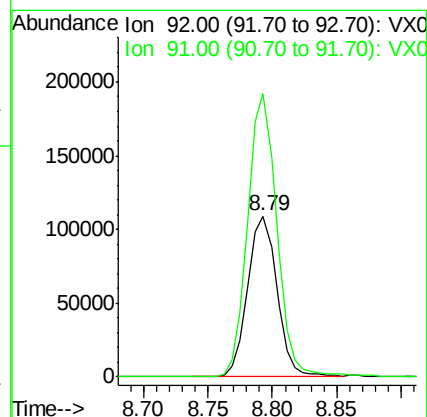
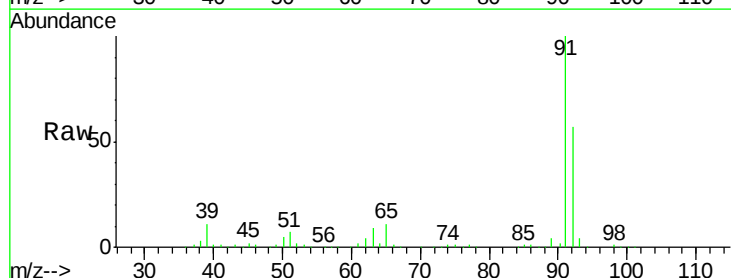
Acq: 09 Mar 2018 11:52

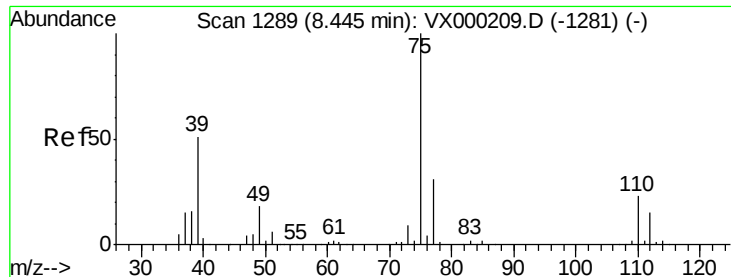
Tgt Ion: 92 Resp: 172063

Ion Ratio Lower Upper

92 100

91 175.3 139.0 208.6





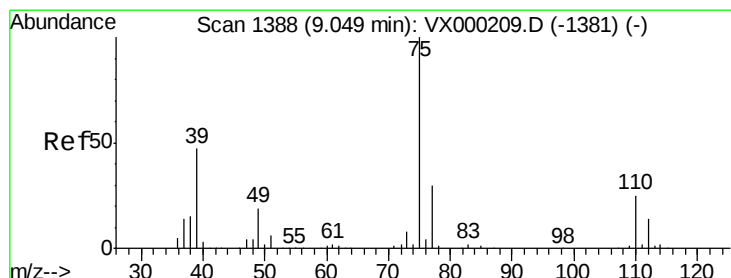
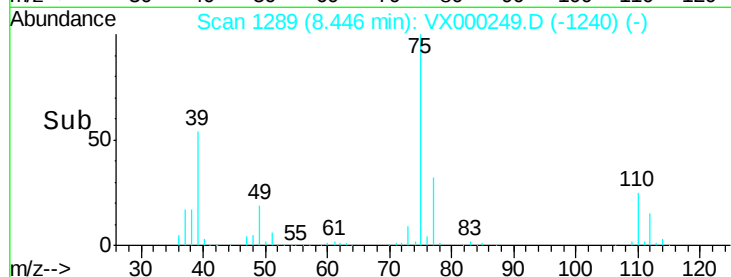
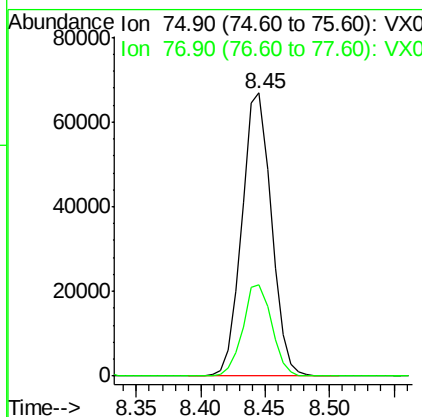
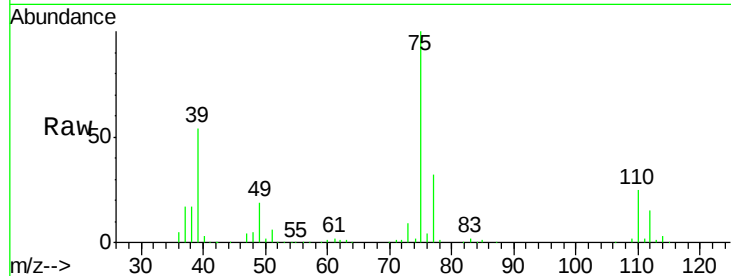
#53
 t-1,3-Dichloropropene
 Concen: 49.53 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 105838
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2

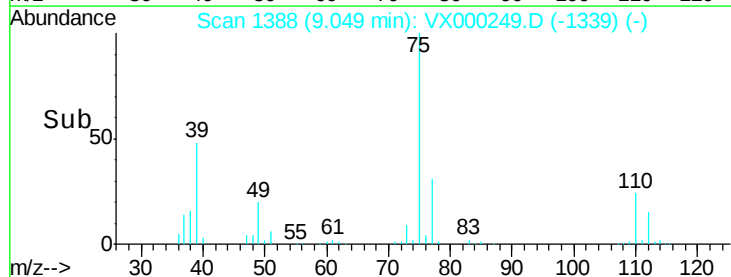
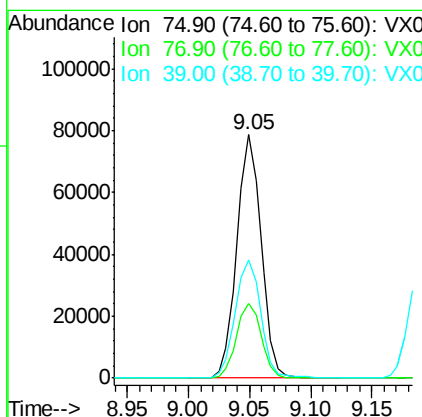
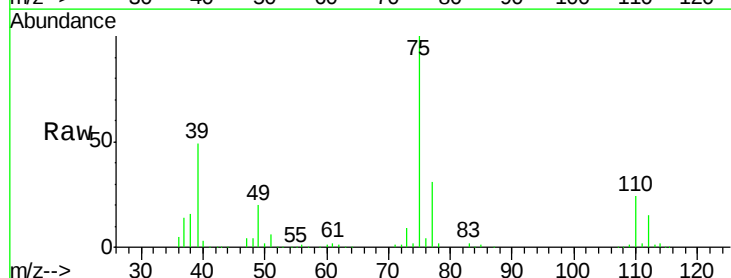
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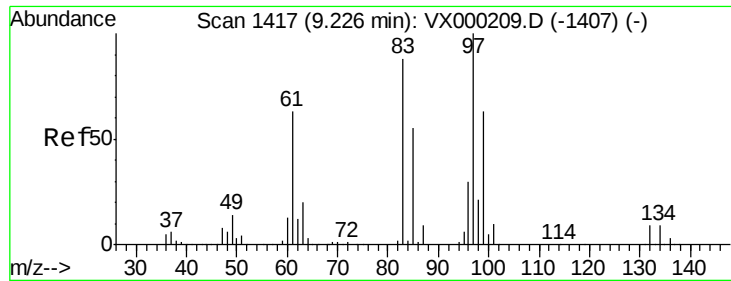
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 52.22 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 75 Resp: 107945
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.9 35.9
 39 48.4 37.4 56.2





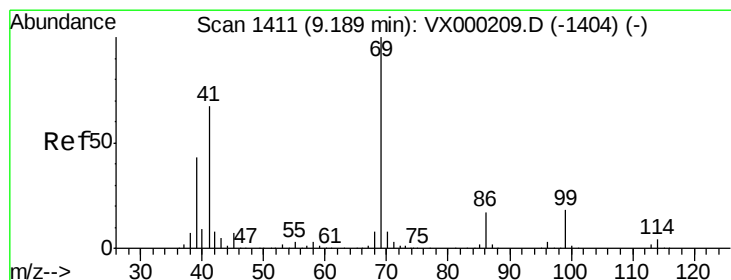
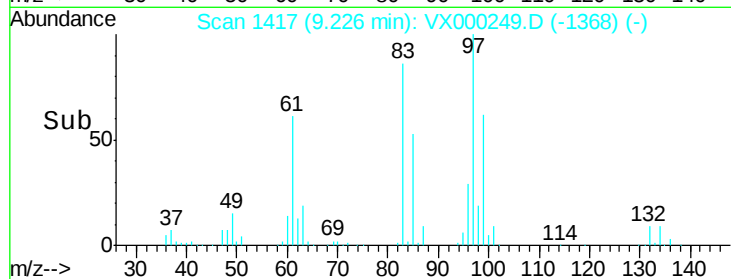
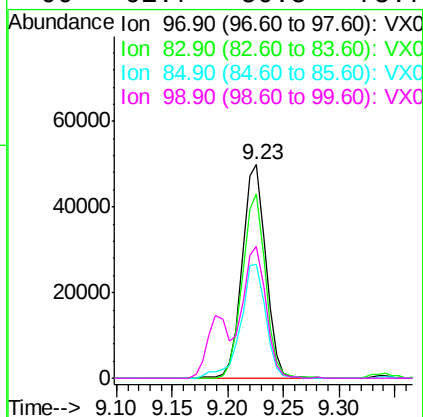
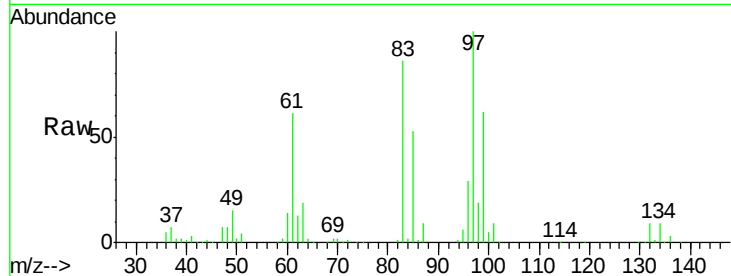
#55
1,1,2-Trichloroethane
Concen: 51.40 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.4	105.6
85	53.5	43.9	65.9
99	61.7	50.5	75.7

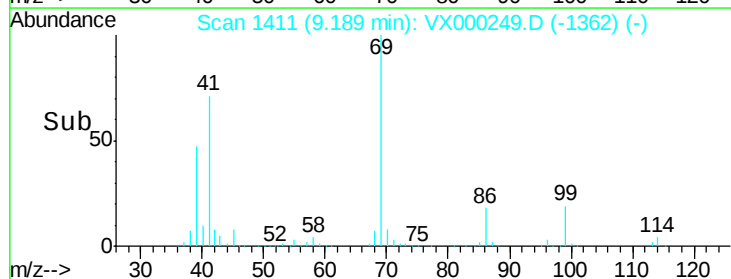
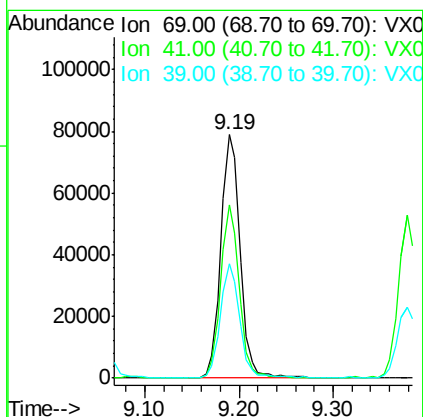
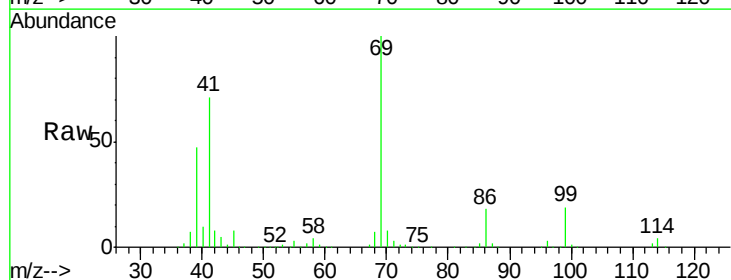
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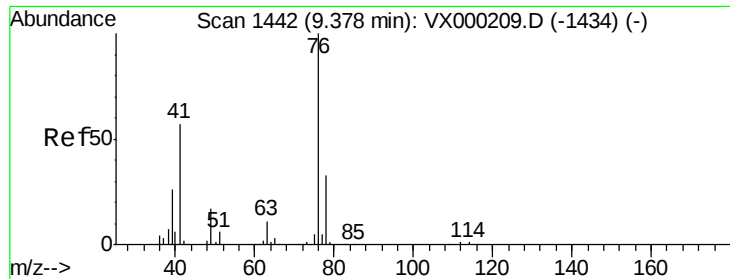
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#56
Ethyl methacrylate
Concen: 52.65 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	52.2	78.2
39	46.6	34.3	51.5





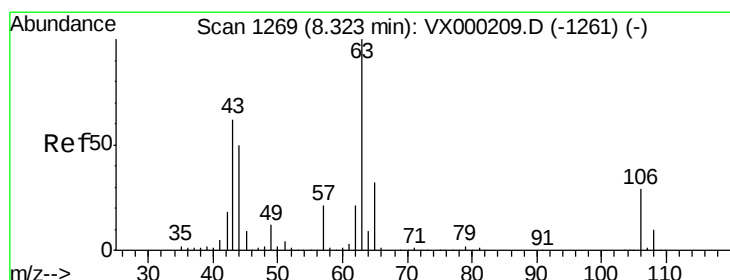
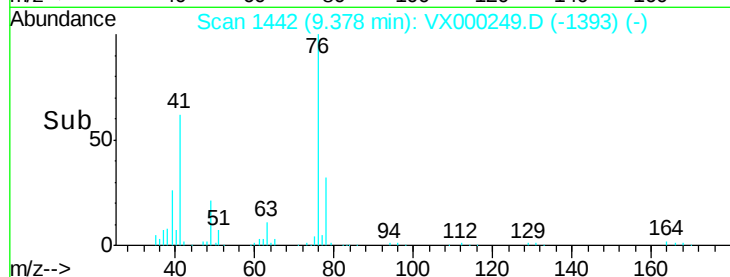
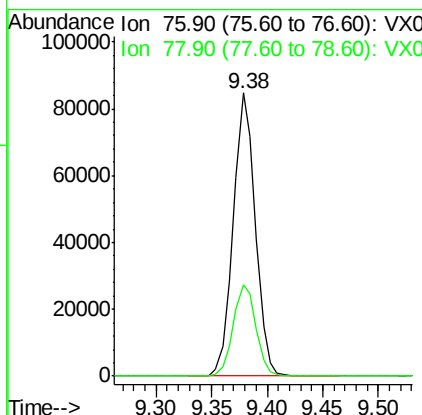
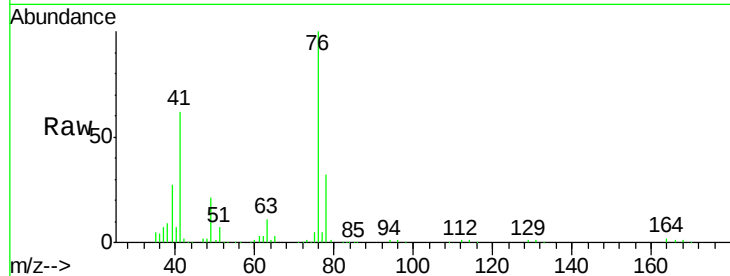
#57
 1,3-Dichloropropane
 Concen: 48.45 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 116174
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.2

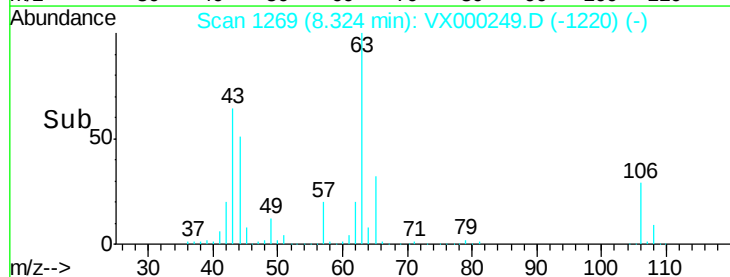
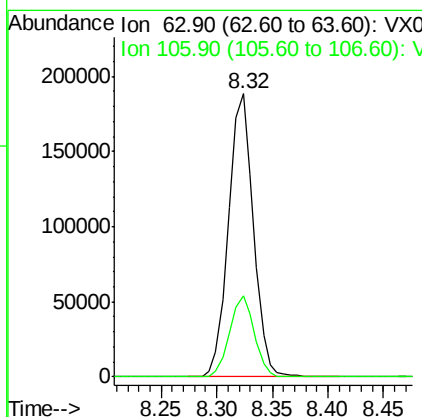
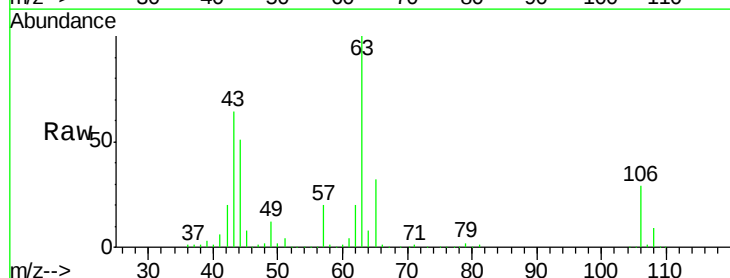
Manual Integrations
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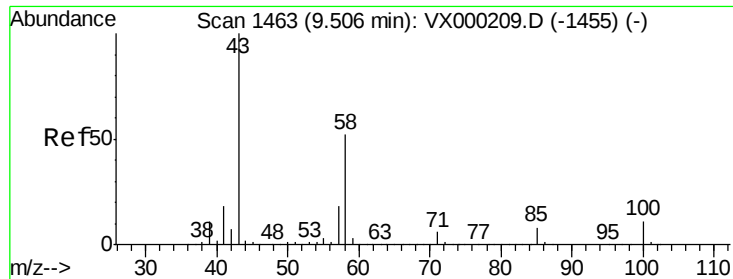
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 269.52 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 63 Resp: 290816
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





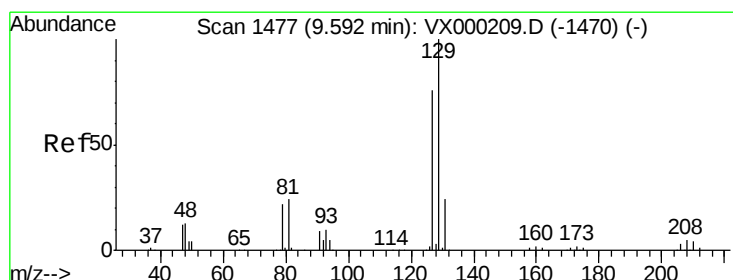
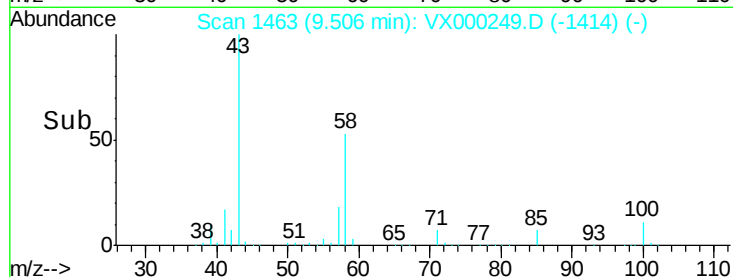
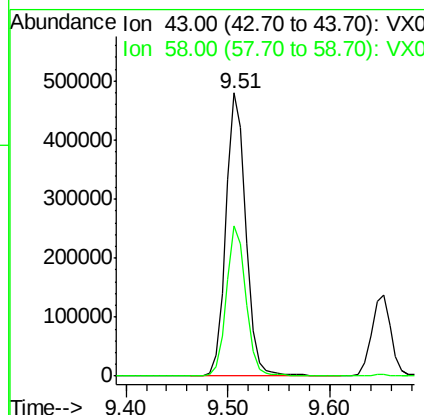
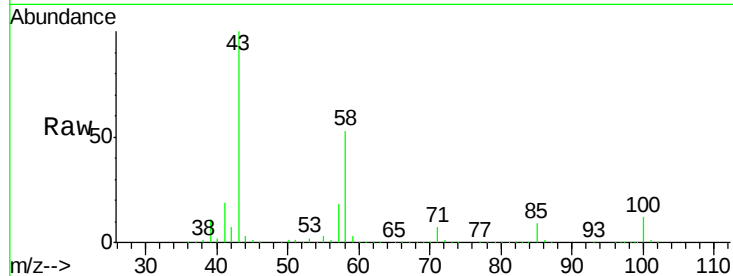
#59
2-Hexanone
Concen: 270.67 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 649242
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7

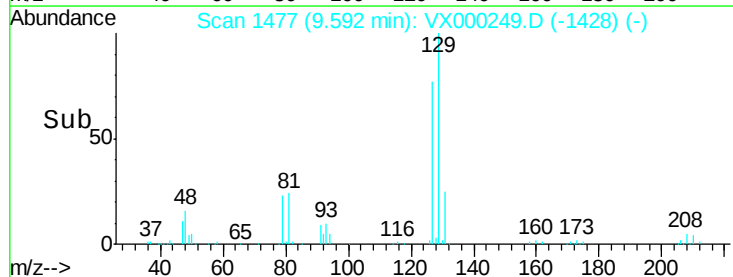
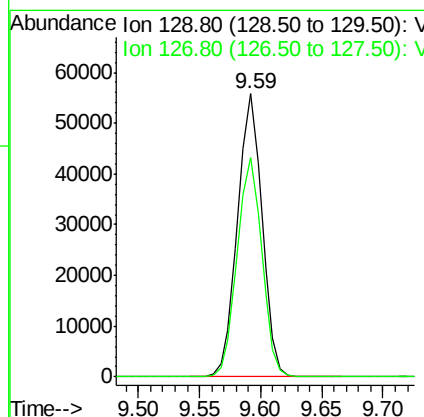
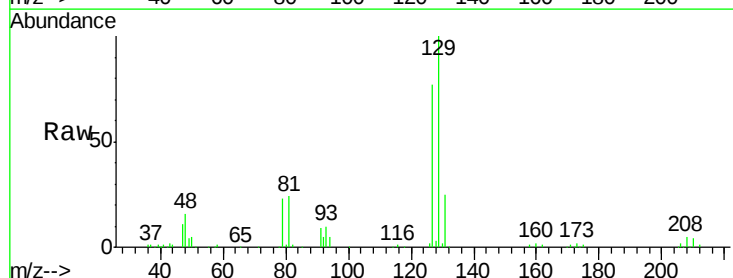
Manual Integrations
APPROVED

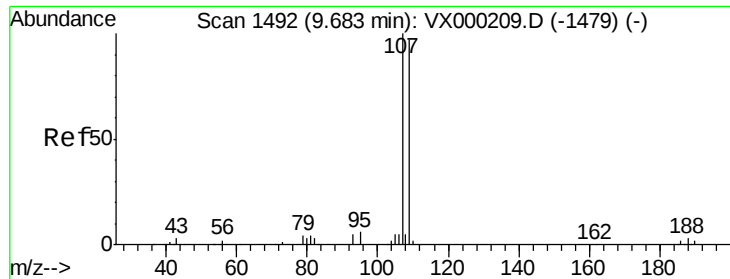
apatel
3/10/2018 12:55:49 PM



#60
Dibromochloromethane
Concen: 51.60 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 129 Resp: 77691
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.21 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 81208

Ion Ratio Lower Upper

107 100

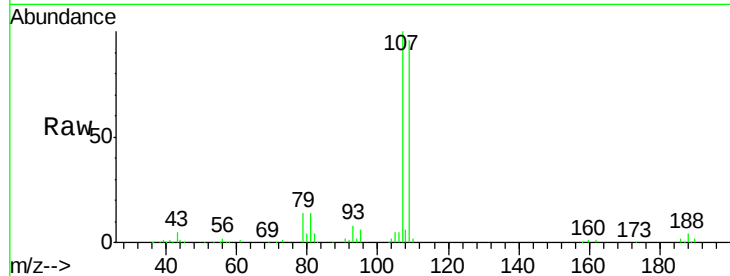
109 93.2 76.8 115.2

Manual Integrations

APPROVED

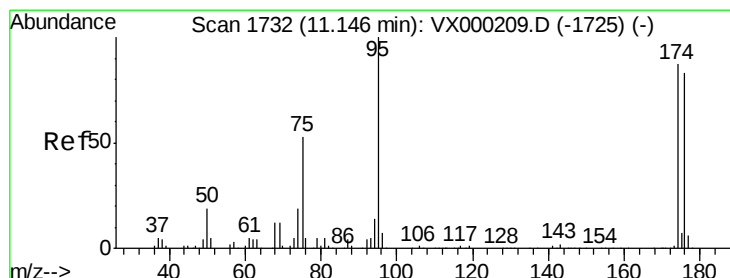
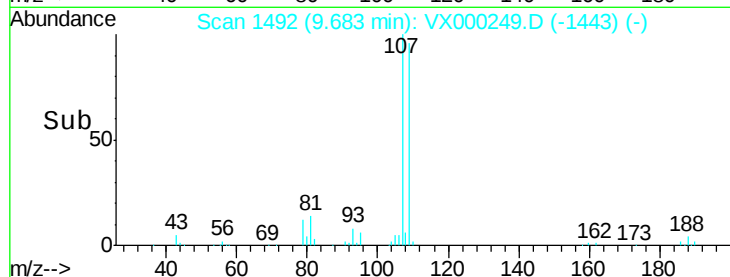
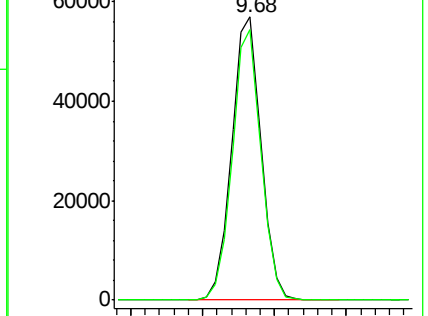
apatel

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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: 52.01 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

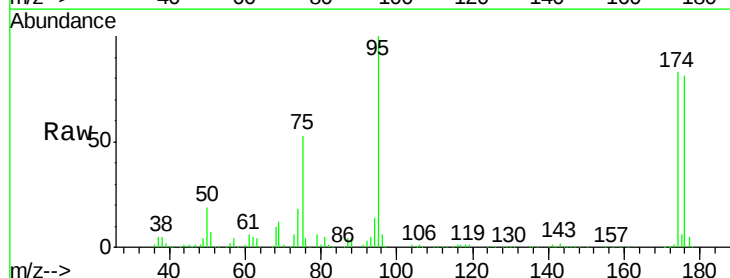
Tgt Ion: 95 Resp: 105874

Ion Ratio Lower Upper

95 100

174 83.6 0.0 175.6

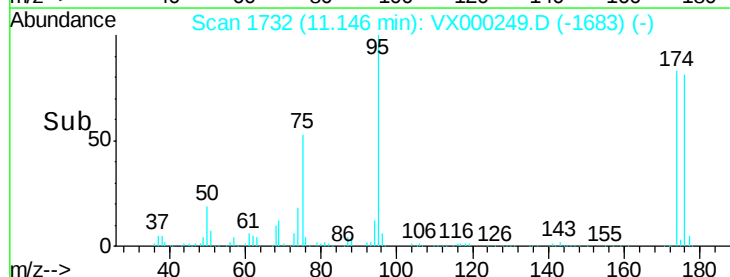
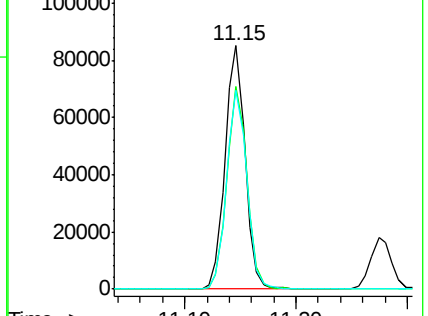
176 82.7 0.0 171.0

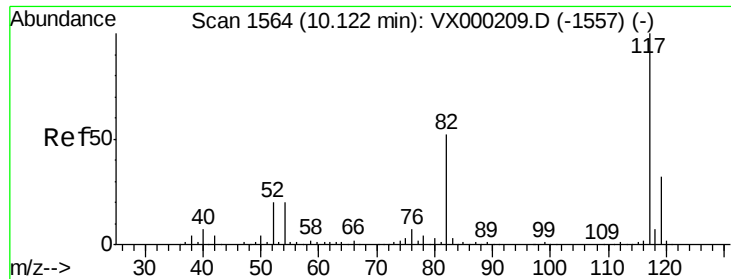


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





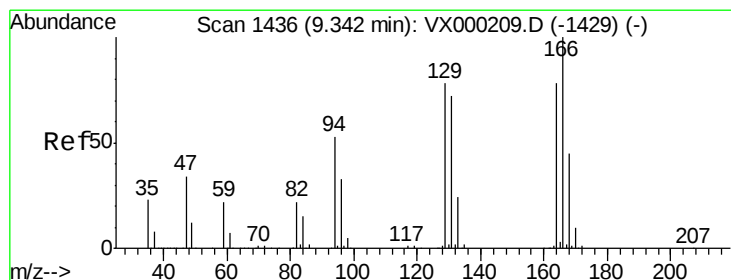
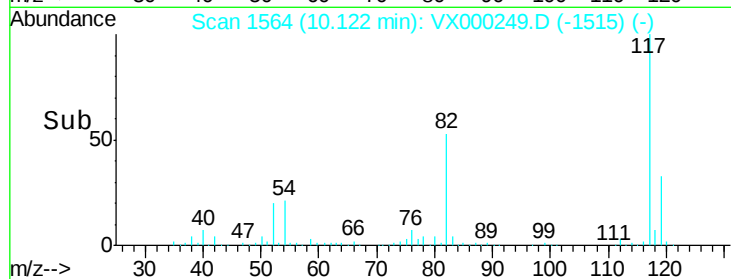
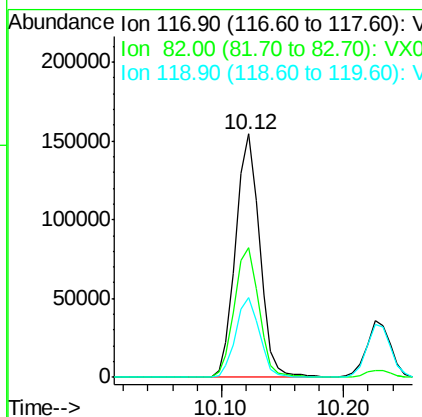
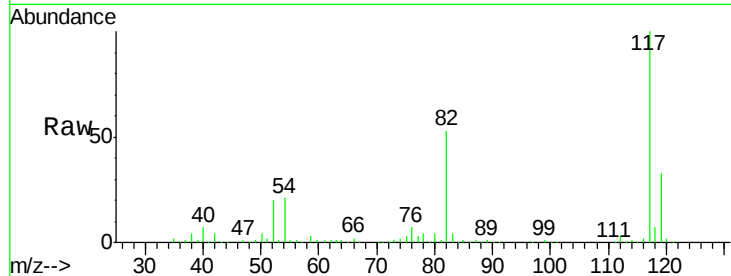
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	209635		
82	53.0	42.0	63.0	
119	32.6	25.3	37.9	

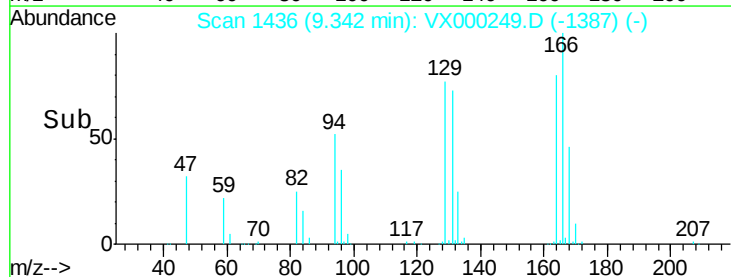
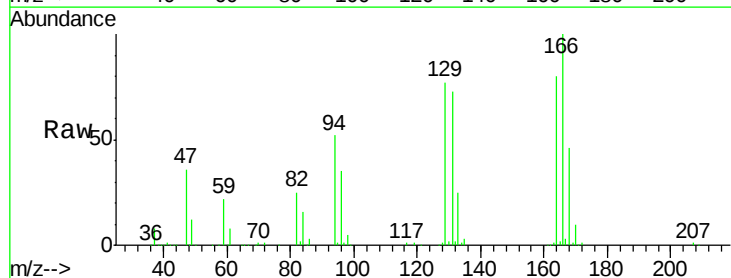
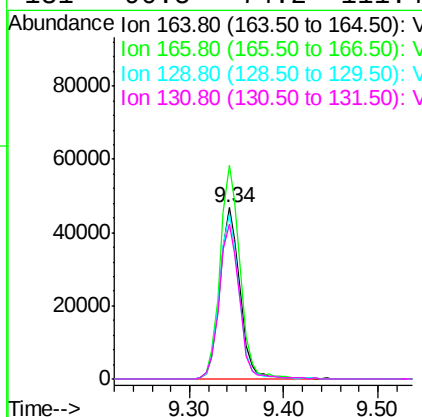
Manual Integrations
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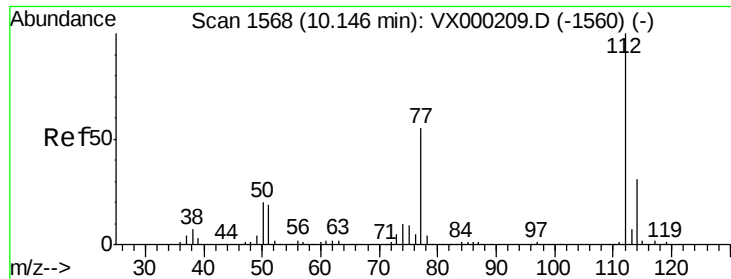
apatel
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#64
Tetrachloroethene
Concen: 47.10 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69090		
166	124.8	103.0	154.6	
129	96.5	80.2	120.4	
131	90.5	74.2	111.4	





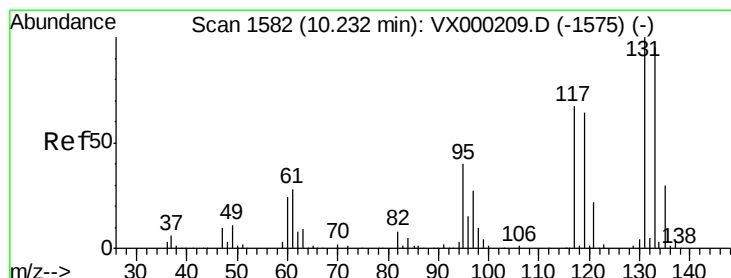
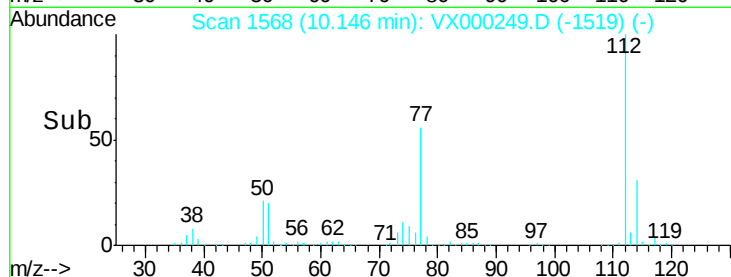
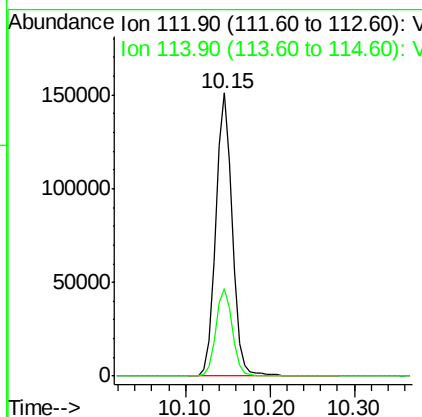
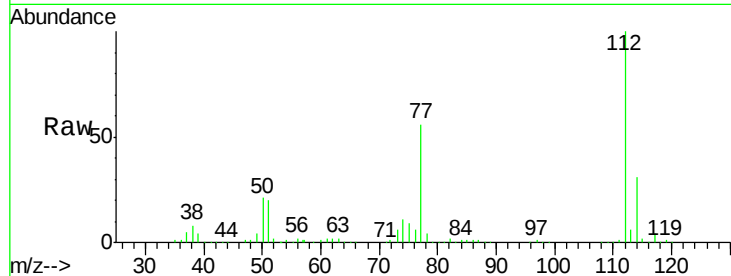
#65
Chlorobenzene
Concen: 48.53 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 205441
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

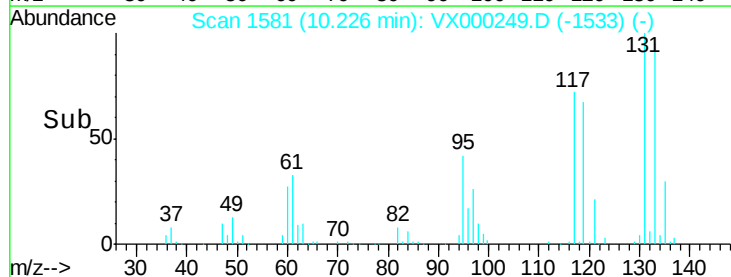
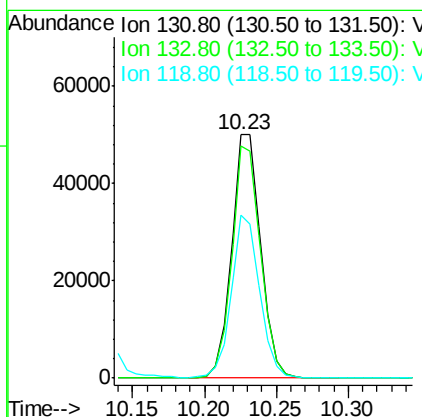
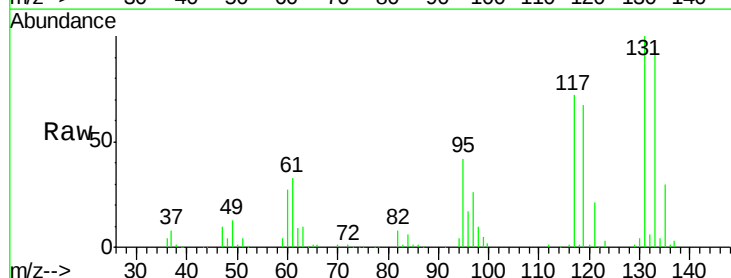
Manual Integrations
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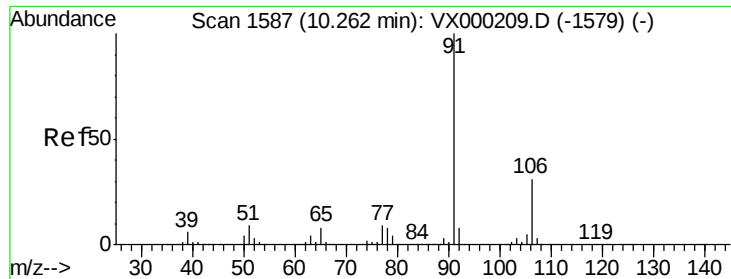
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.73 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion:131 Resp: 70533
Ion Ratio Lower Upper
131 100
133 94.4 48.3 144.9
119 65.5 32.3 96.8





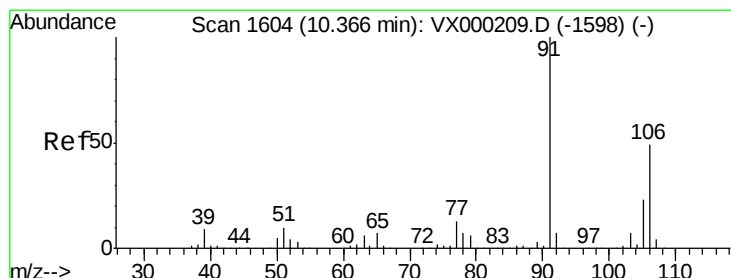
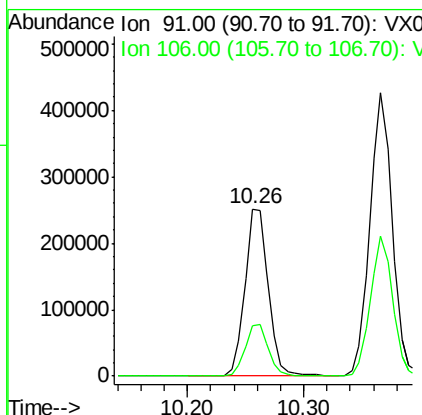
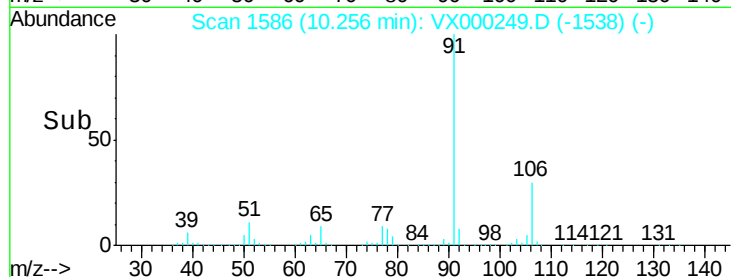
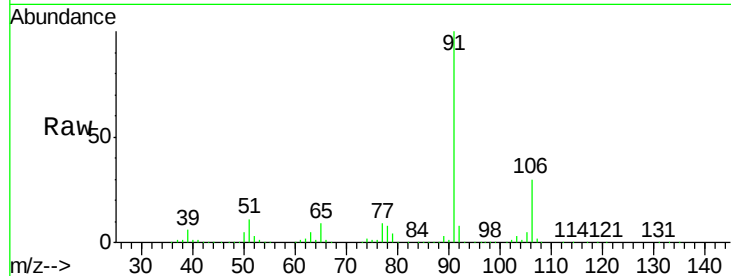
#67
Ethyl Benzene
Concen: 47.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 353834
Ion Ratio Lower Upper
91 100
106 30.1 25.2 37.8

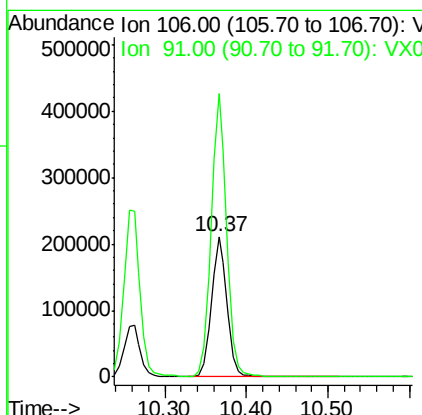
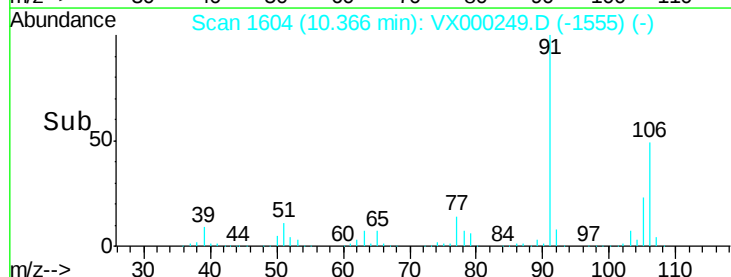
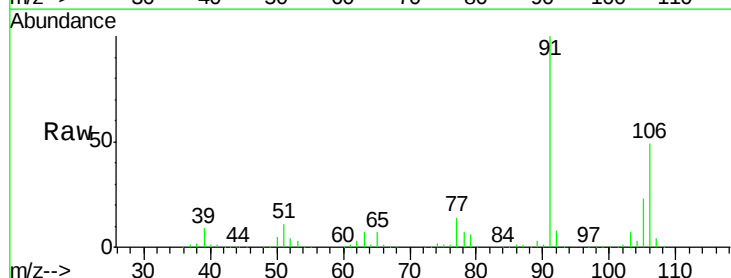
Manual Integrations
APPROVED

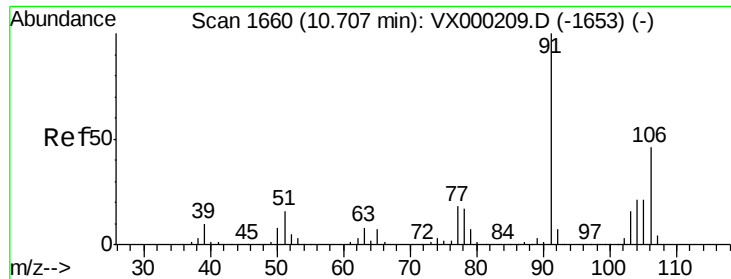
apatel
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#68
m/p-Xylenes
Concen: 100.11 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion: 106 Resp: 284698
Ion Ratio Lower Upper
106 100
91 202.5 160.9 241.3





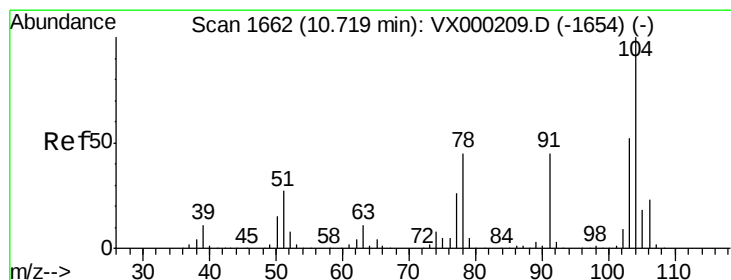
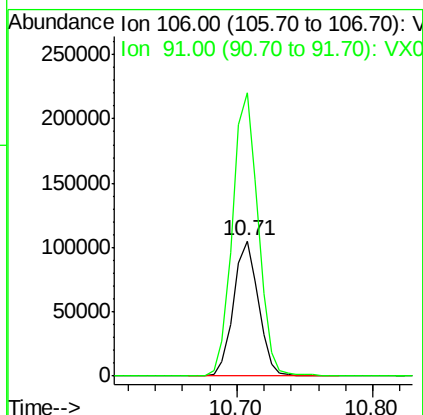
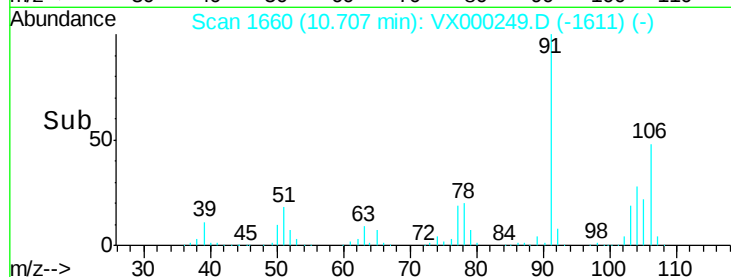
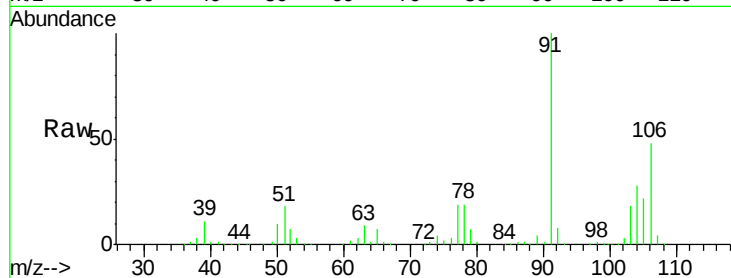
#69
o-Xylene
Concen: 49.54 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135392
Ion Ratio Lower Upper
106 100
91 214.6 105.9 317.7

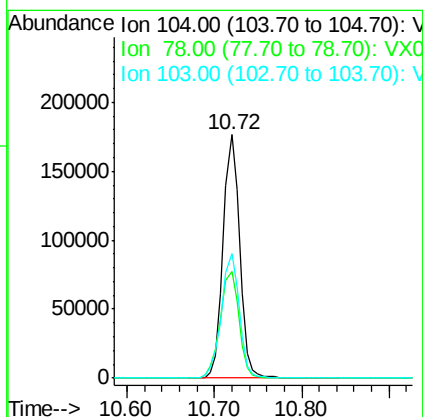
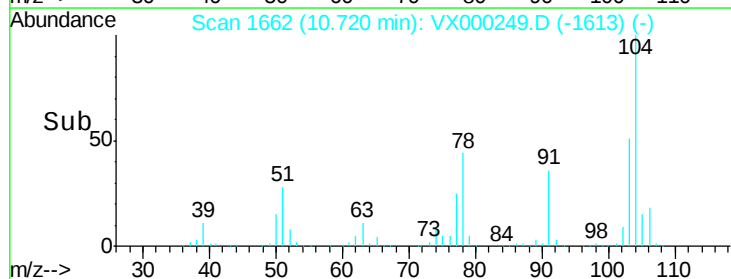
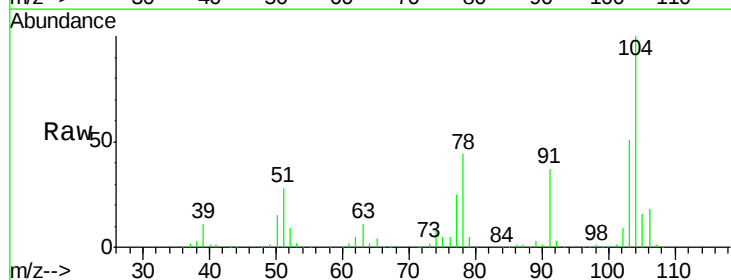
Manual Integrations
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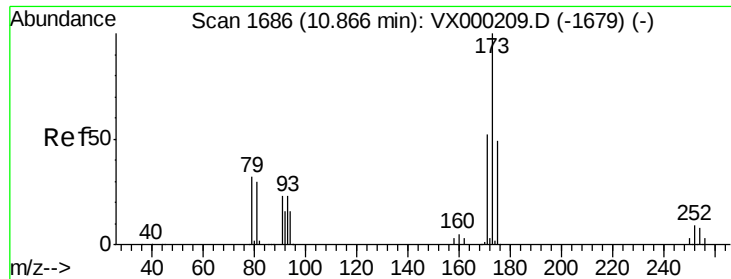
apatel
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#70
Styrene
Concen: 50.85 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion:104 Resp: 230542
Ion Ratio Lower Upper
104 100
78 49.9 39.6 59.4
103 55.2 45.0 67.6





#71

Bromoform

Concen: 42.73 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 62442

Ion Ratio Lower Upper

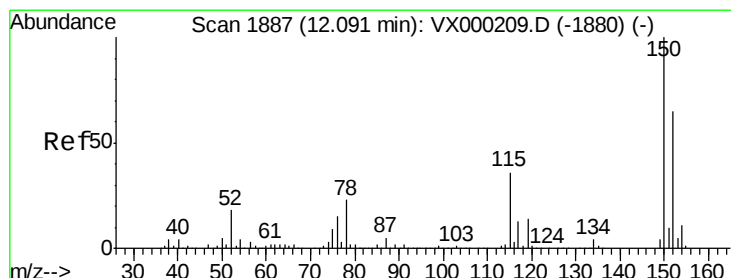
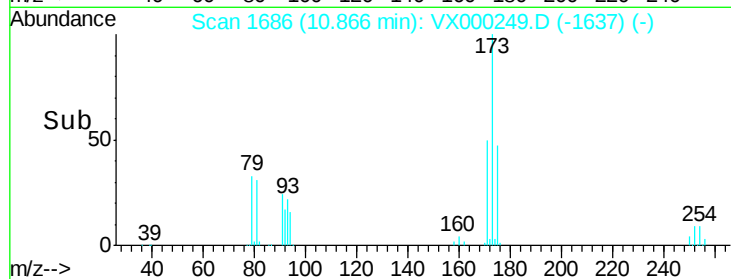
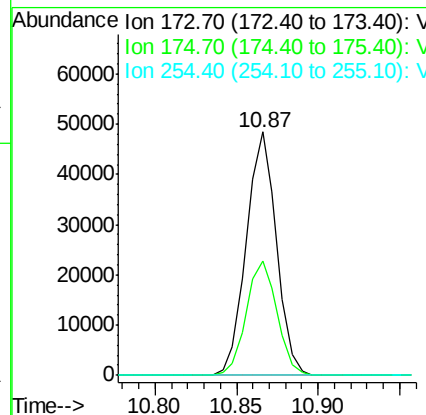
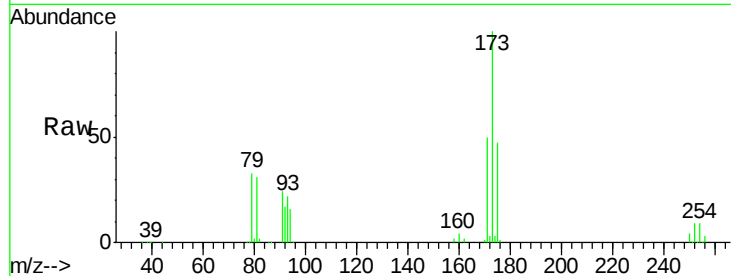
173 100

175 48.1 24.4 73.2

254 0.1 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

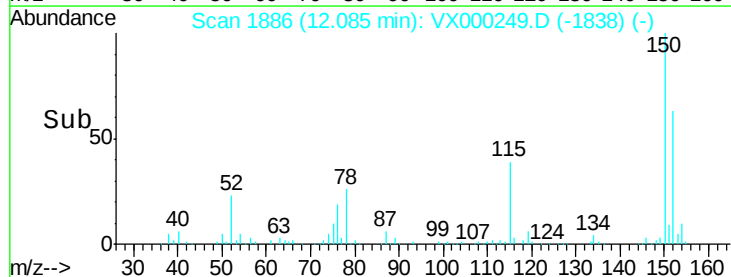
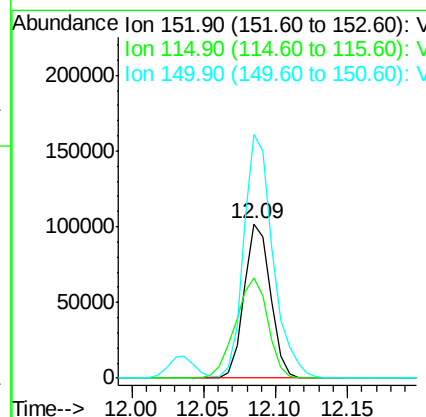
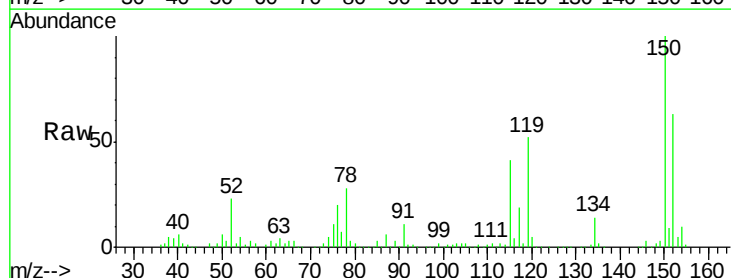
Tgt Ion:152 Resp: 128957

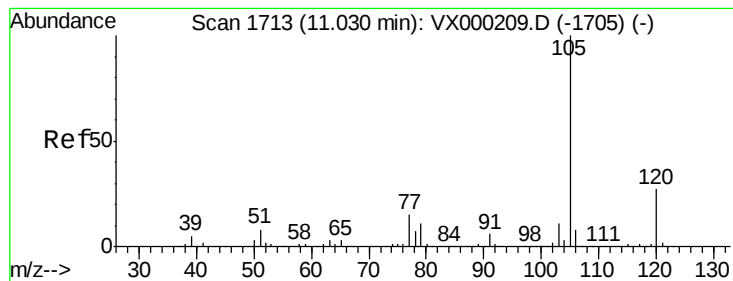
Ion Ratio Lower Upper

152 100

115 80.5 39.8 119.3

150 174.2 0.0 345.0





#73

Isopropylbenzene

Concen: 46.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 372301

Ion Ratio Lower Upper

105 100

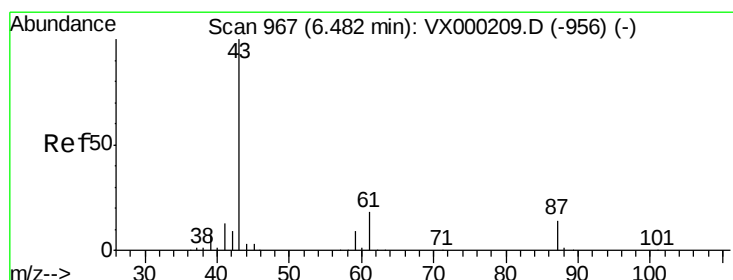
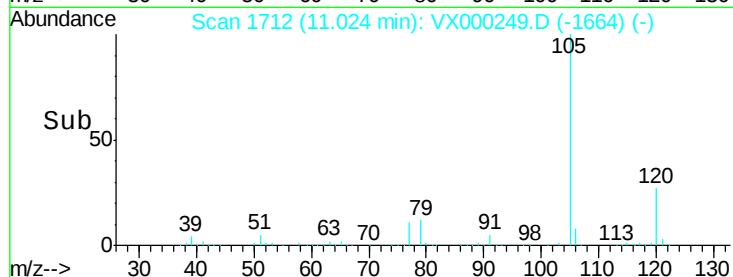
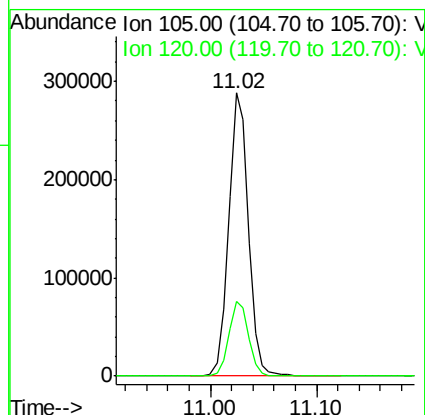
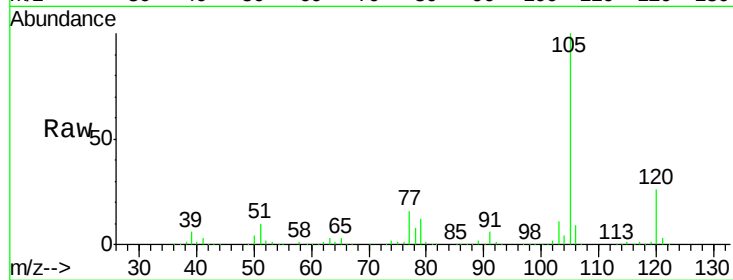
120 26.7 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 44.75 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion: 43 Resp: 184852

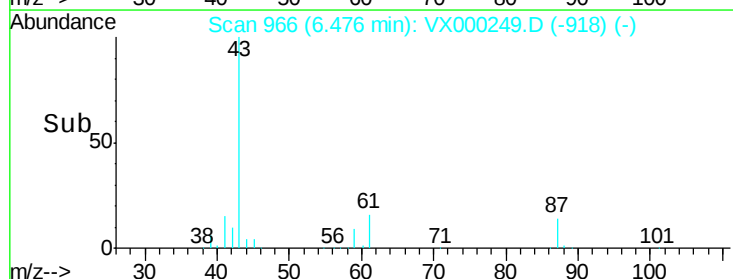
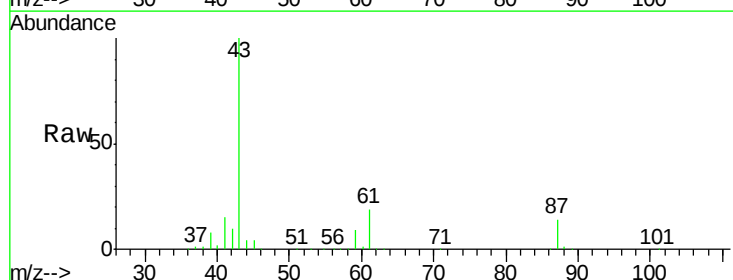
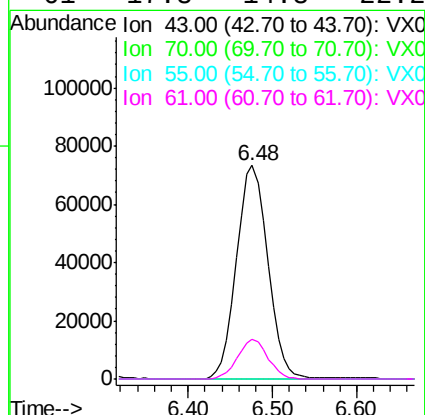
Ion Ratio Lower Upper

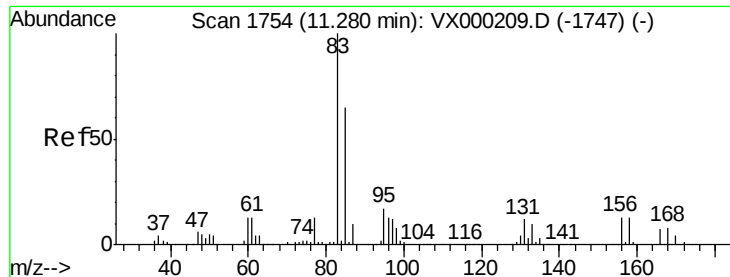
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.45 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

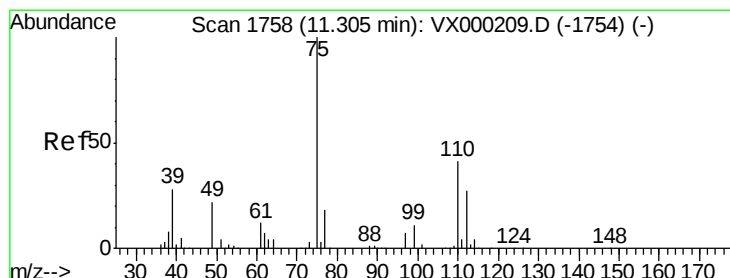
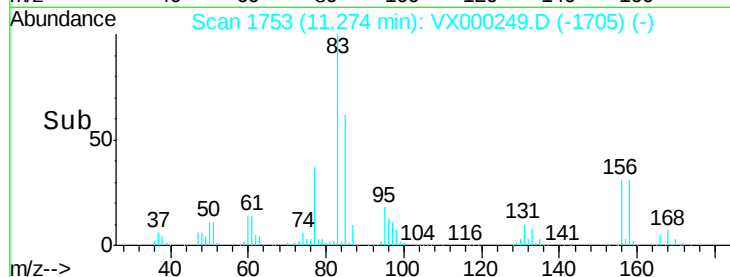
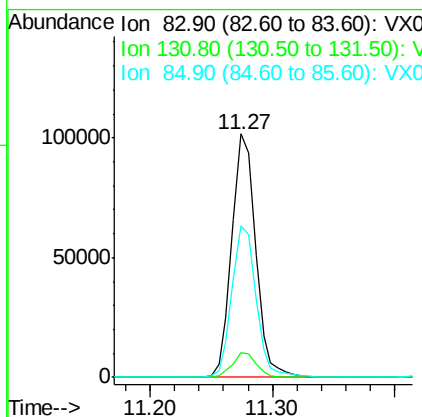
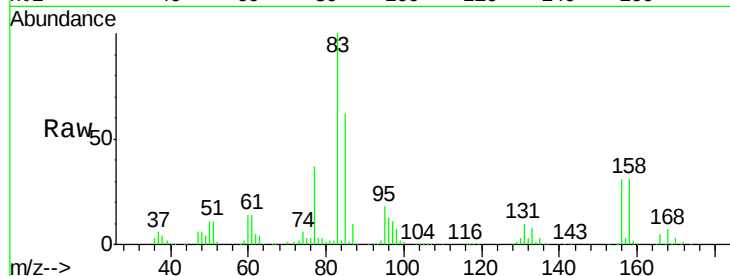
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	137130
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.5	16.5
85	63.0	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 56.54 ug/l m

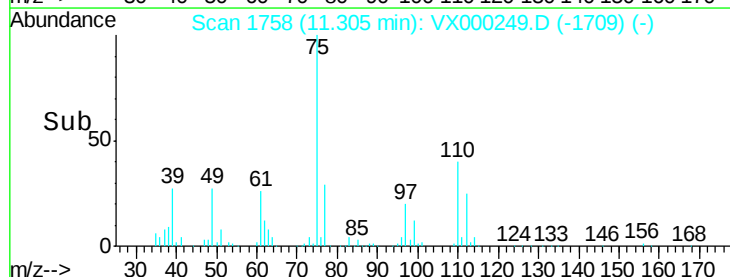
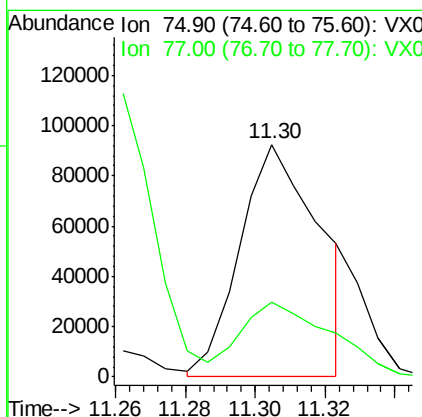
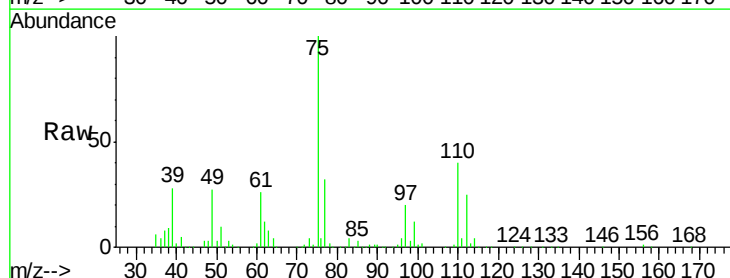
RT: 11.30 min Scan# 1758

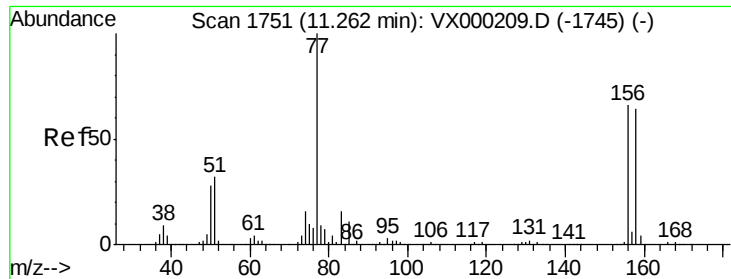
Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion:	75	Resp:	146146
Ion Ratio	Lower	Upper	
75	100		
77	36.5	22.3	66.8





#77

Bromobenzene

Concen: 44.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

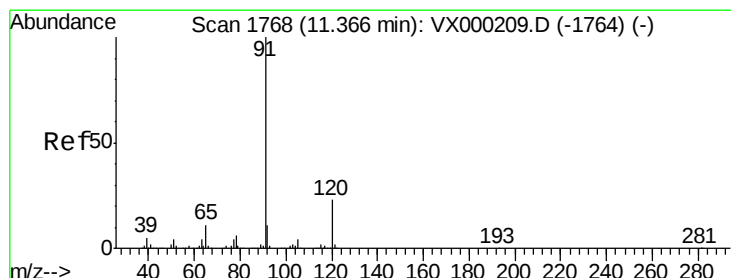
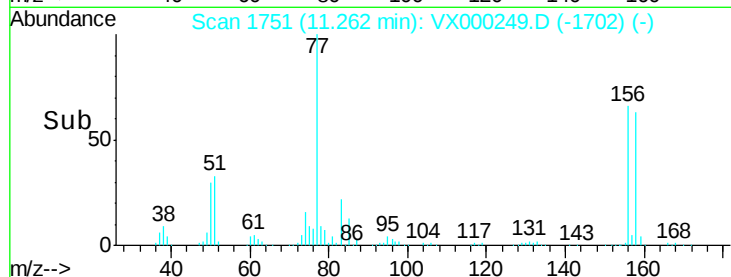
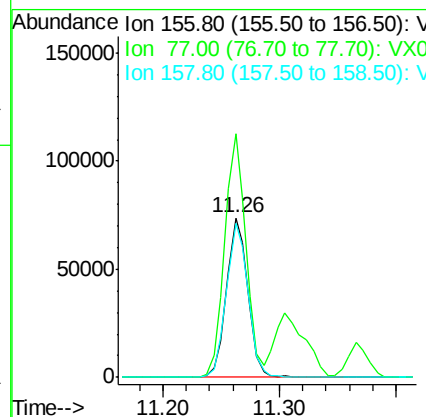
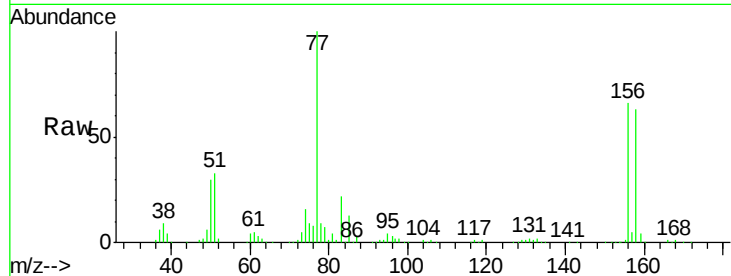
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	151.4	71.9	215.7
158	98.3	48.0	144.2

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#78

n-propylbenzene

Concen: 48.10 ug/l

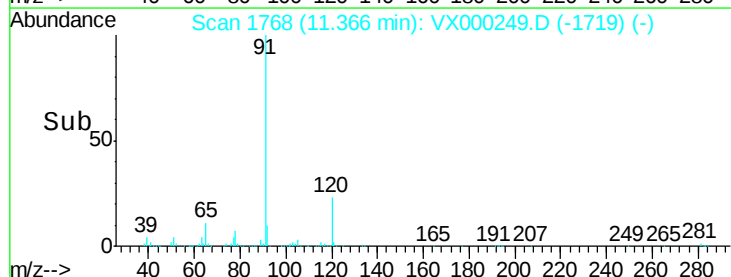
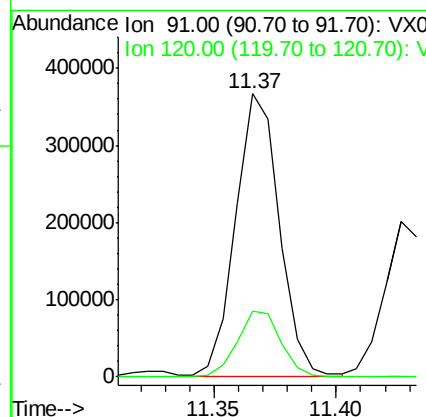
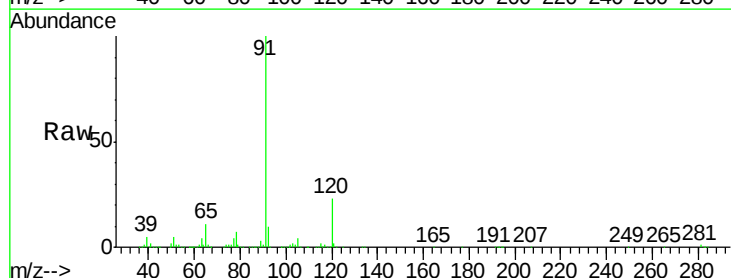
RT: 11.37 min Scan# 1768

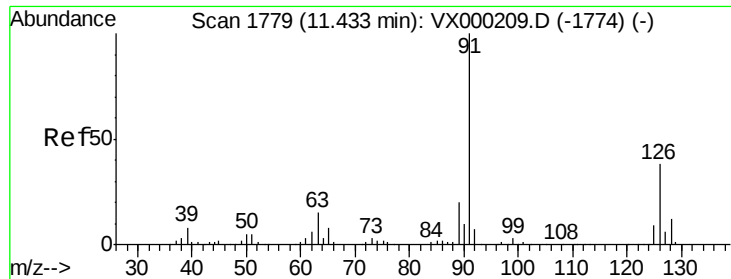
Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.2	36.4





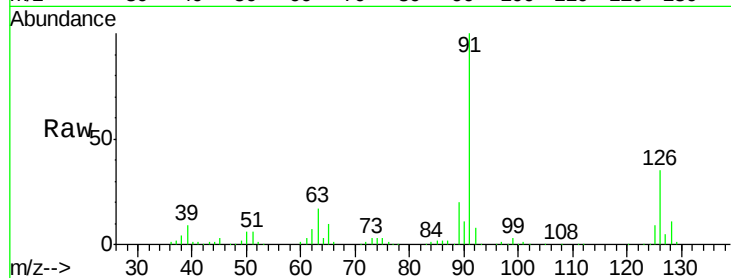
#79
 2-Chlorotoluene
 Concen: 47.79 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

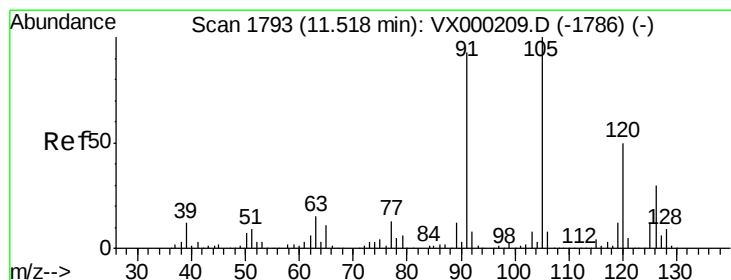
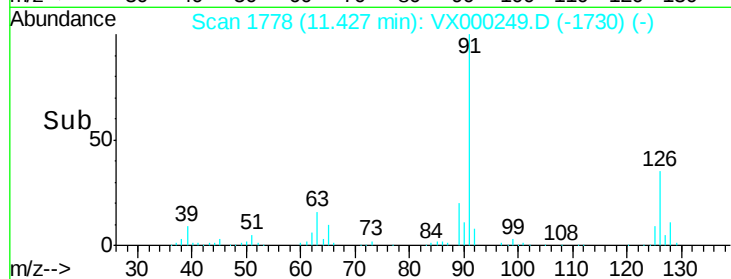
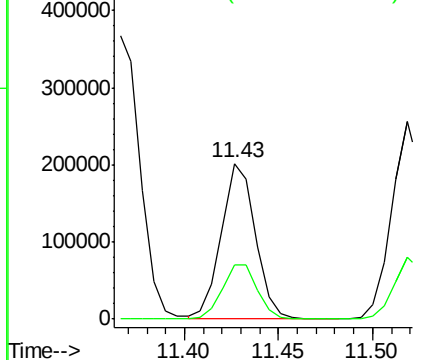
Tgt Ion: 91 Resp: 256150
 Ion Ratio Lower Upper
 91 100
 126 35.6 18.4 55.2

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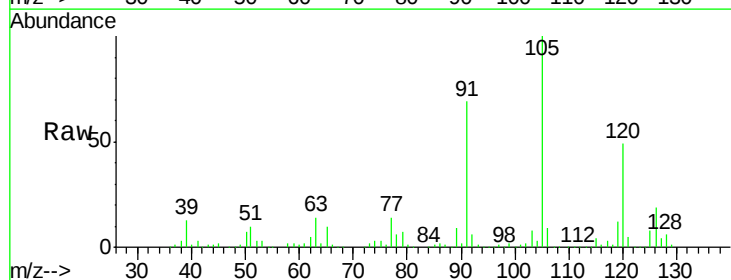


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

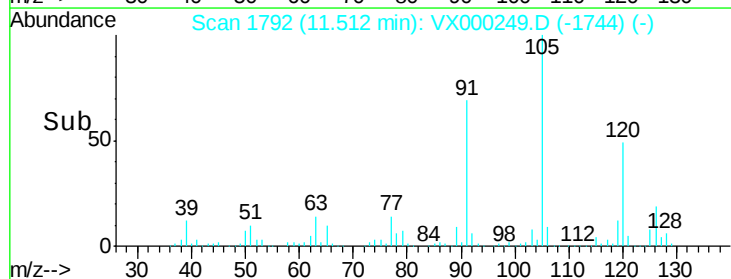
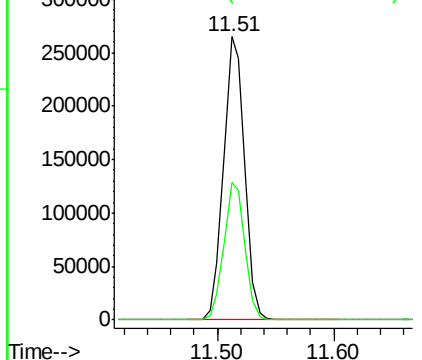


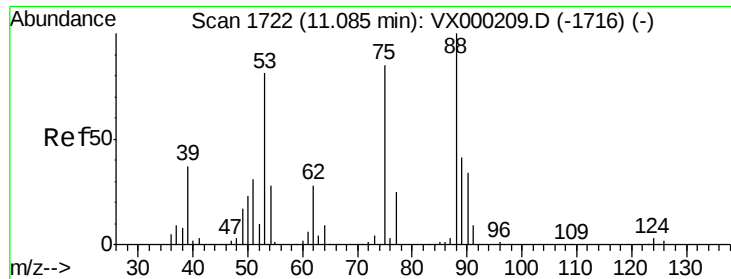
#80
 1,3,5-Trimethylbenzene
 Concen: 48.79 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion: 105 Resp: 328901
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





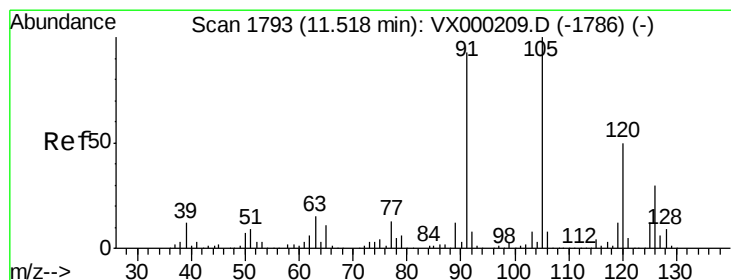
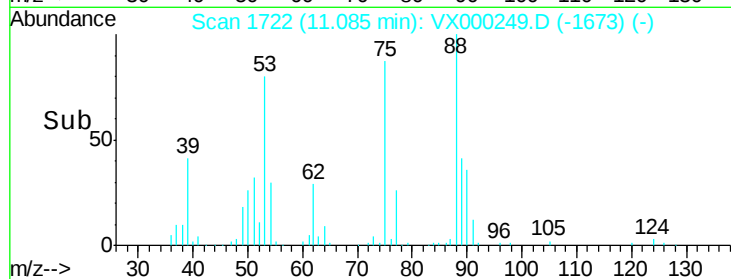
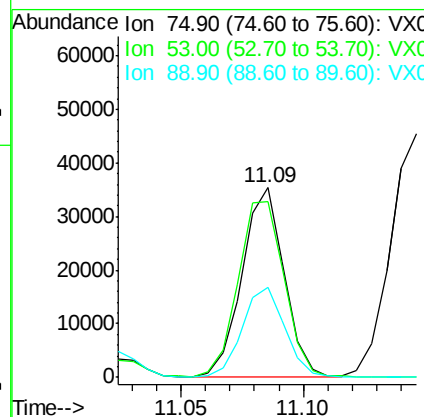
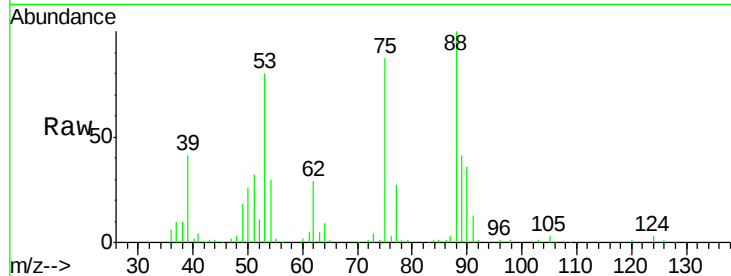
#81
trans-1,4-Dichloro-2-butene
Concen: 49.78 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.3	78.6	118.0
89	48.5	38.8	58.2

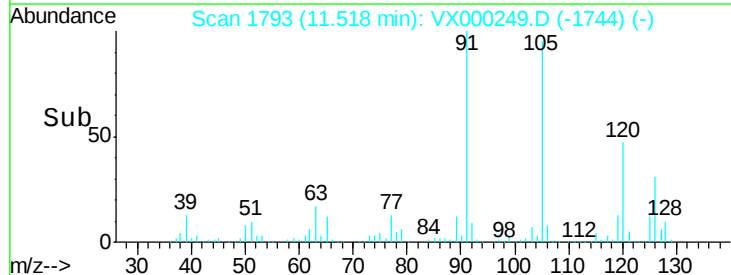
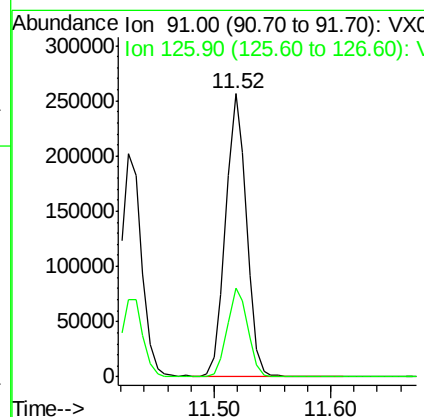
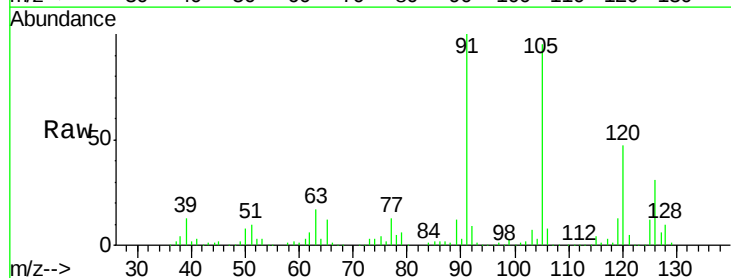
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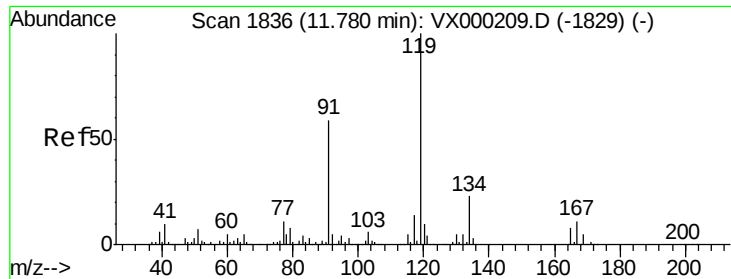
apatel
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#82
4-Chlorotoluene
Concen: 48.65 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.0	48.0





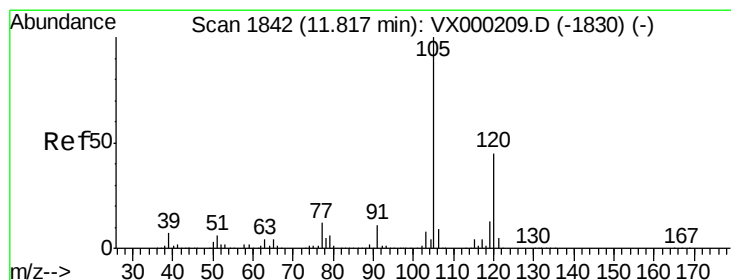
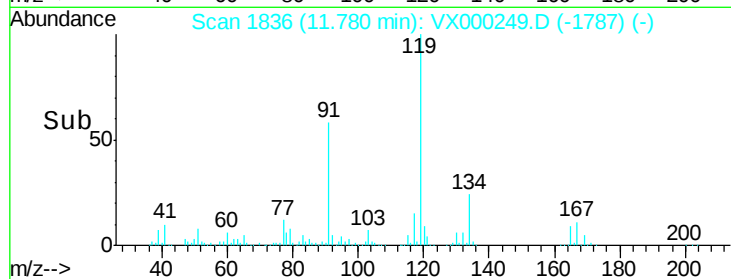
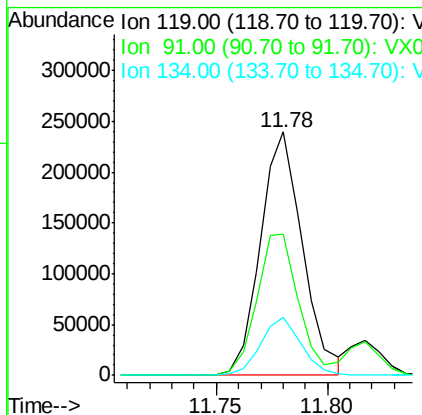
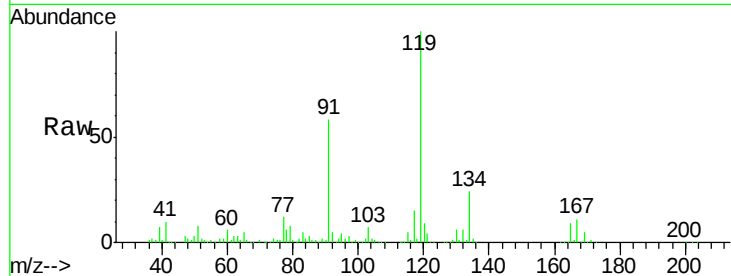
#83
 tert-Butylbenzene
 Concen: 47.90 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.5	28.9	86.7
134	22.8	11.5	34.4

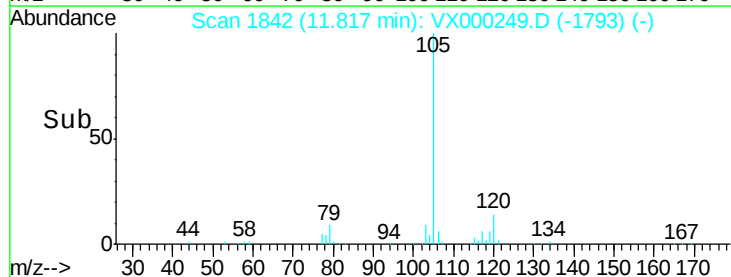
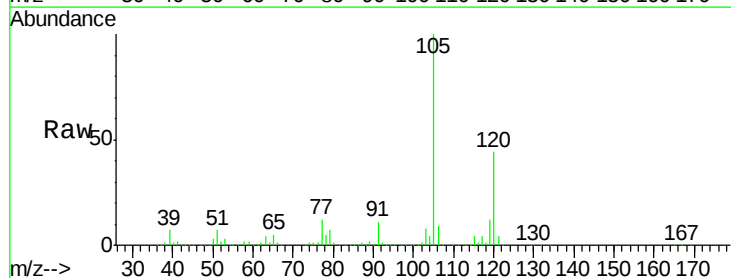
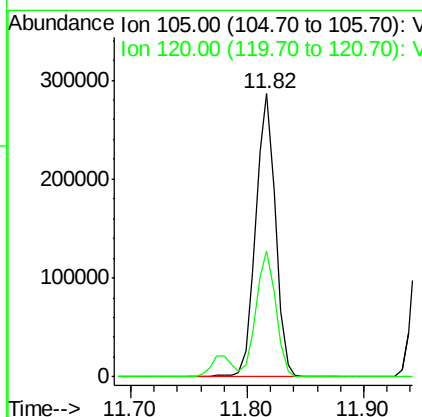
Manual Integrations
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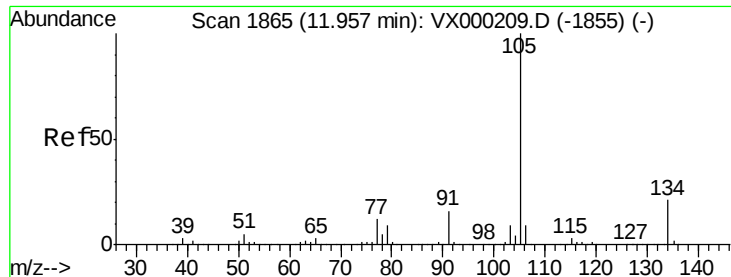
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.93 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 48.51 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 402504

Ion Ratio Lower Upper

105 100

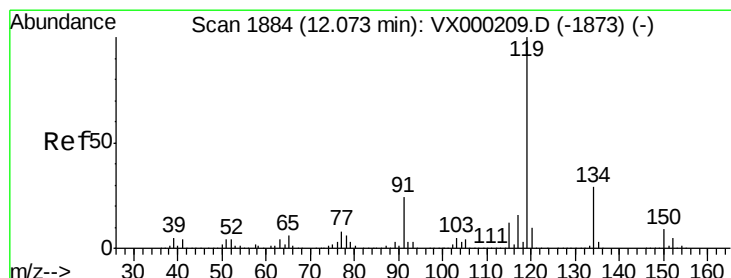
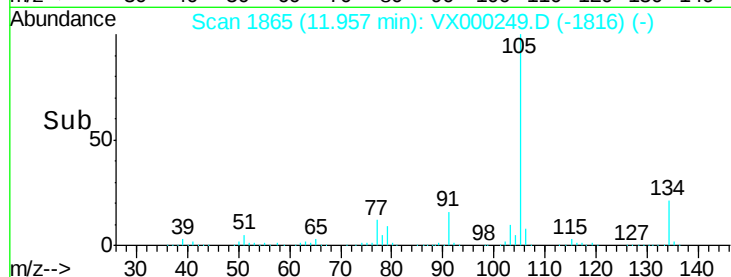
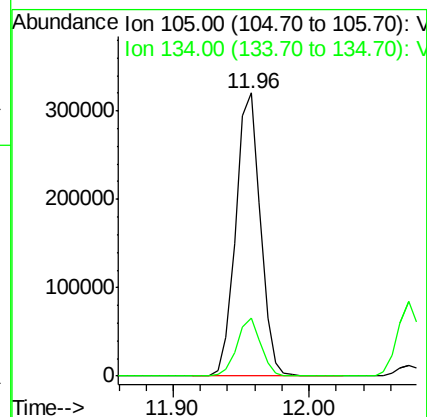
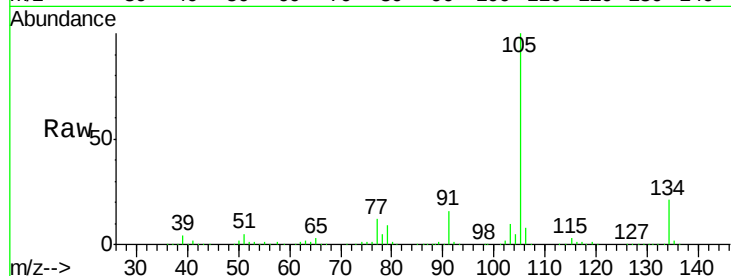
134 19.9 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.06 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

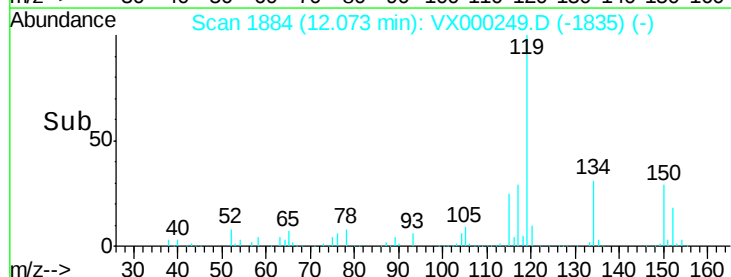
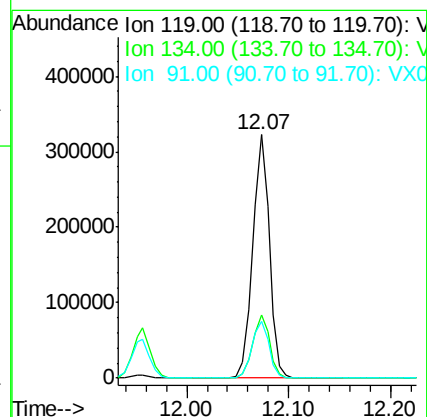
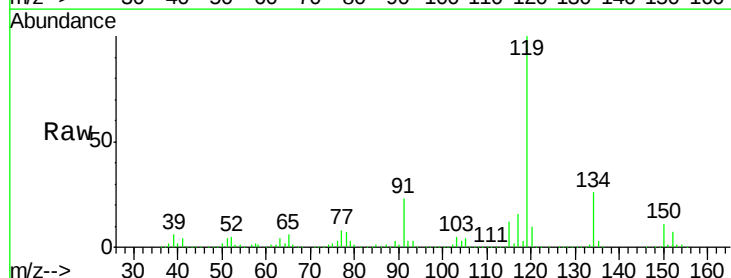
Tgt Ion:119 Resp: 366277

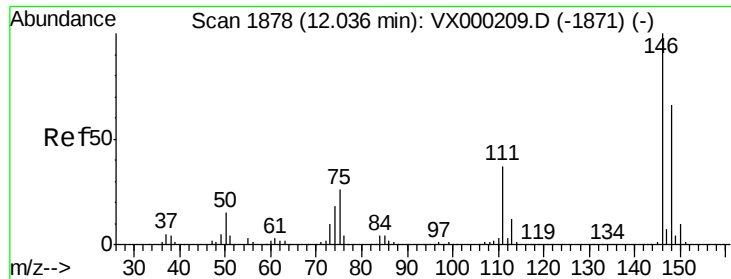
Ion Ratio Lower Upper

119 100

134 26.4 13.8 41.3

91 24.0 12.0 36.0





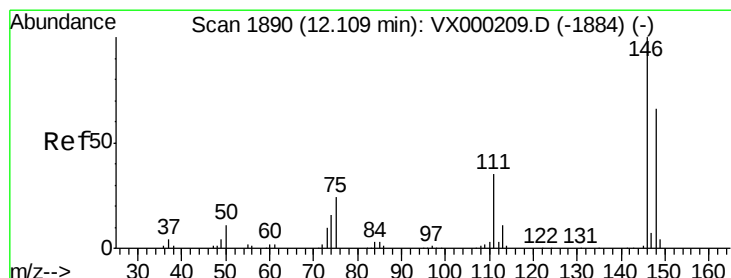
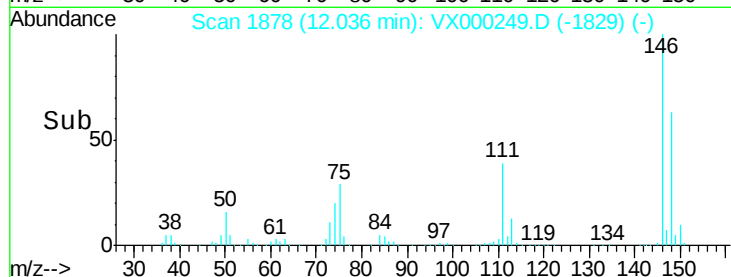
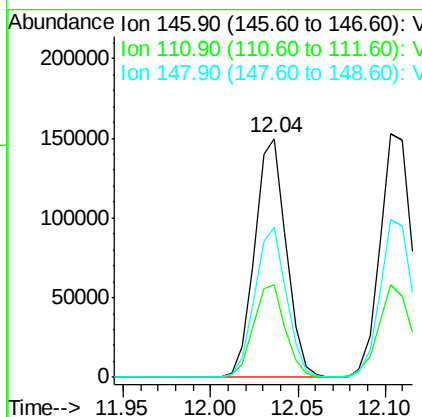
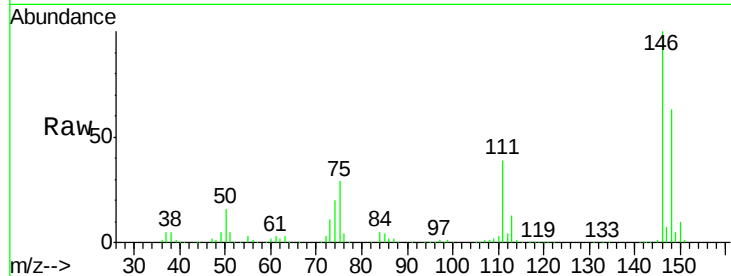
#87
 1,3-Dichlorobenzene
 Concen: 47.35 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.0	57.0
148	63.0	32.1	96.3

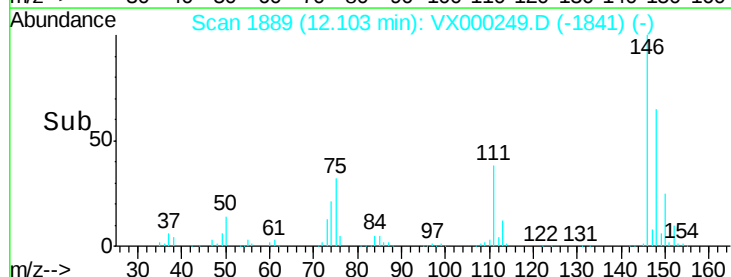
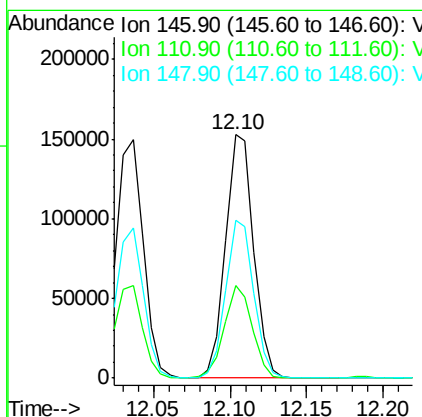
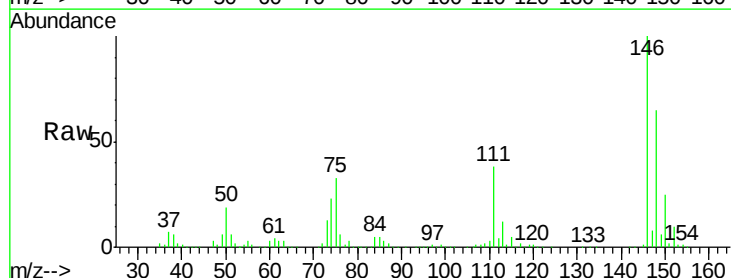
Manual Integrations
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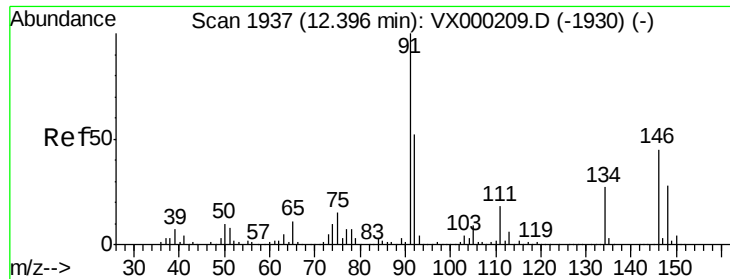
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#88
 1,4-Dichlorobenzene
 Concen: 46.85 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	64.8	32.6	97.8





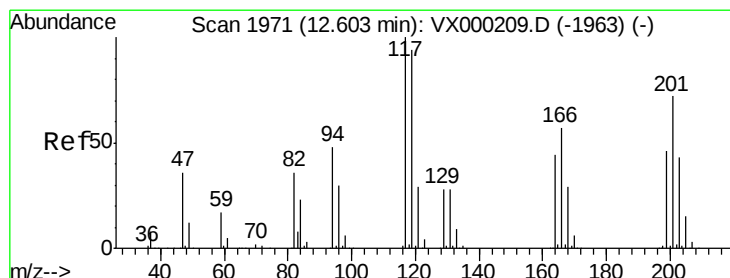
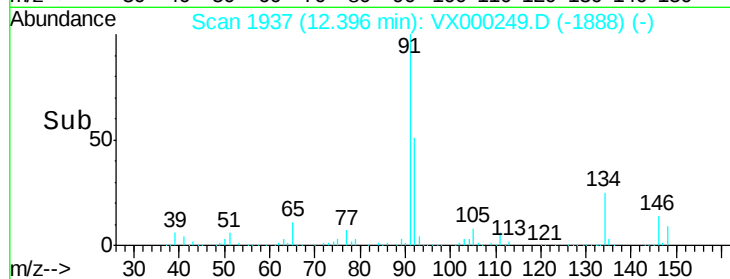
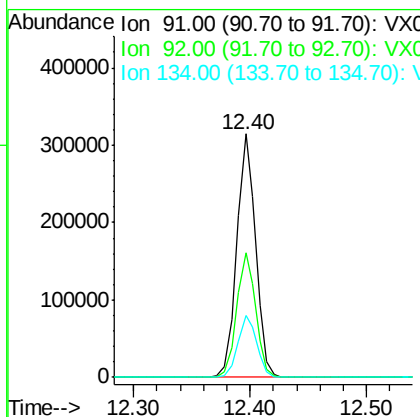
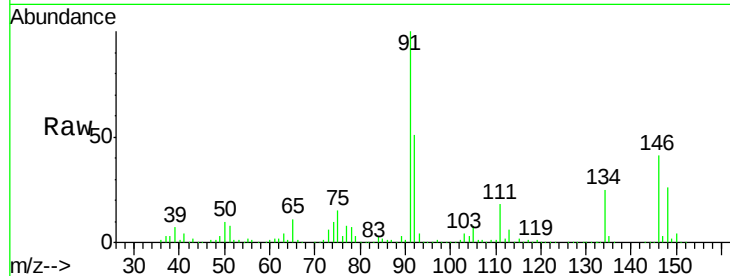
#89
n-Butylbenzene
Concen: 50.13 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.4
134	25.6	13.5	40.5

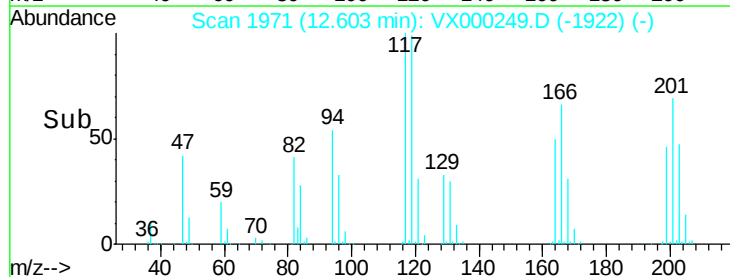
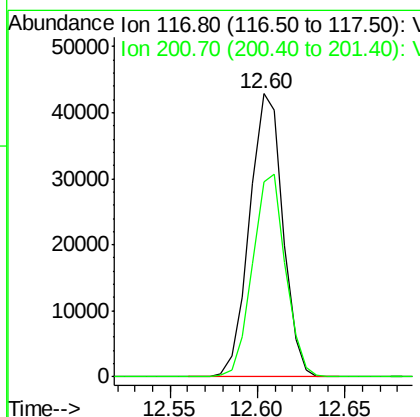
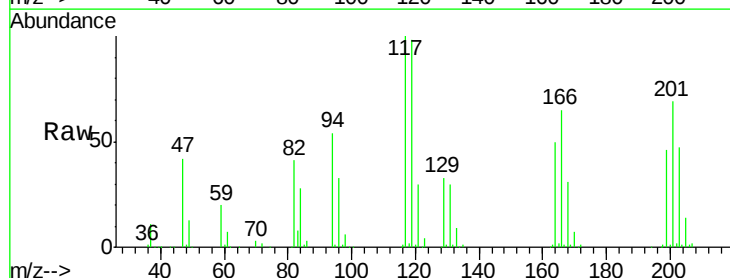
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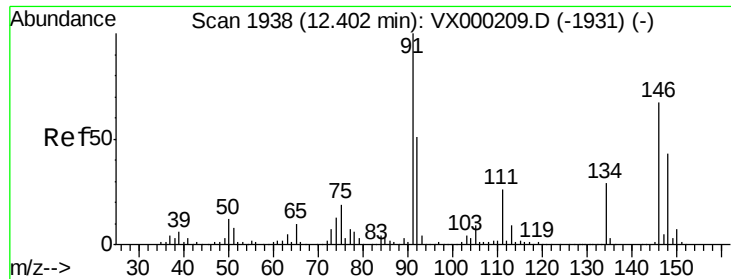
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#90
Hexachloroethane
Concen: 48.10 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	38.2	114.6





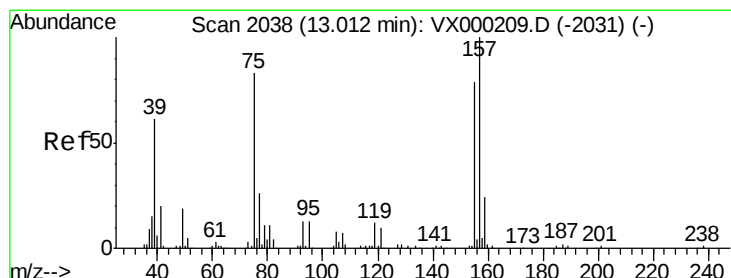
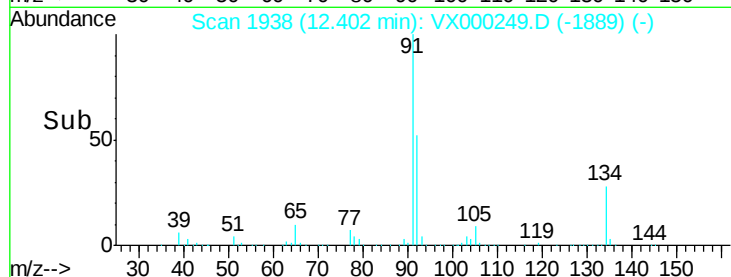
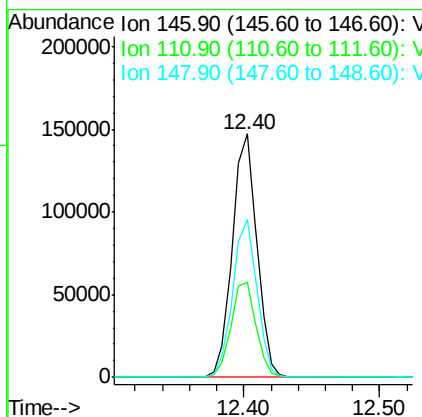
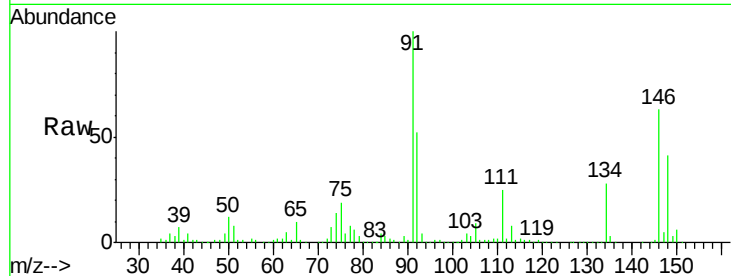
#91
1,2-Dichlorobenzene
Concen: 47.03 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.0
148	64.5	32.0	96.0

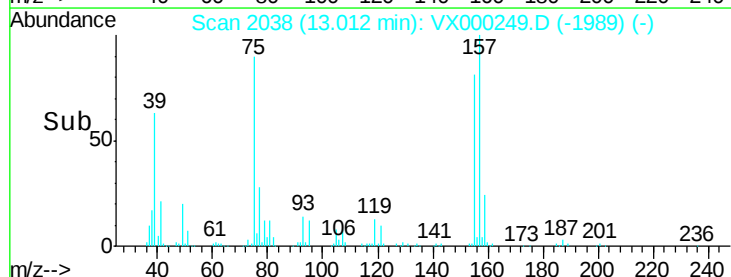
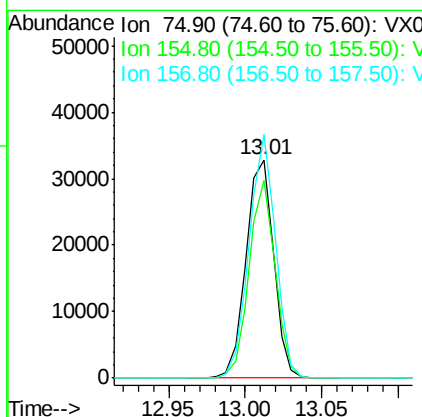
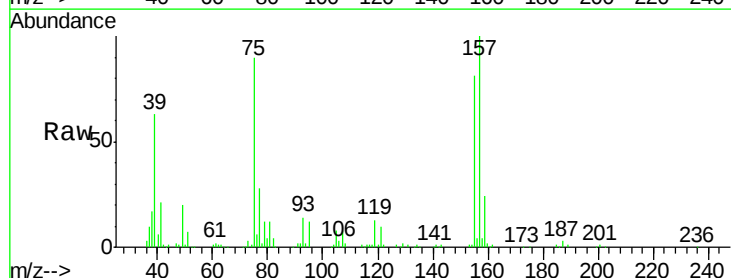
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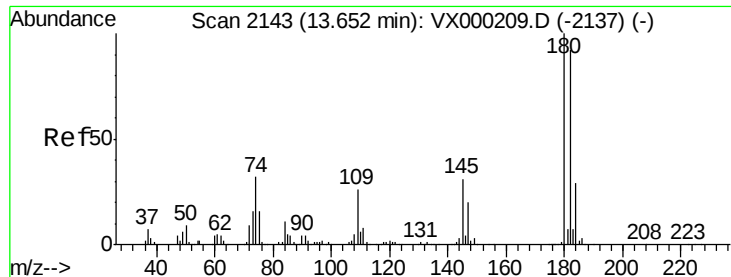
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#92
1,2-Dibromo-3-Chloropropane
Concen: 51.90 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000249.D
Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.5	45.5	136.5
157	106.3	58.6	175.8





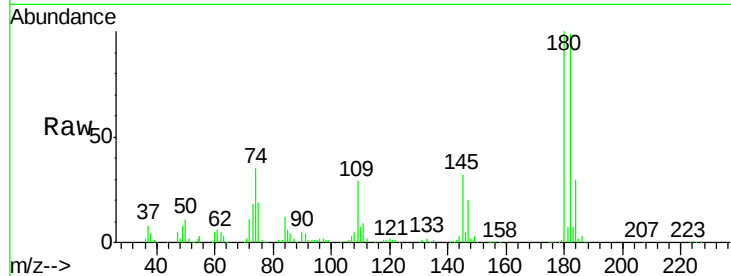
#93
 1,2,4-Trichlorobenzene
 Concen: 45.04 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

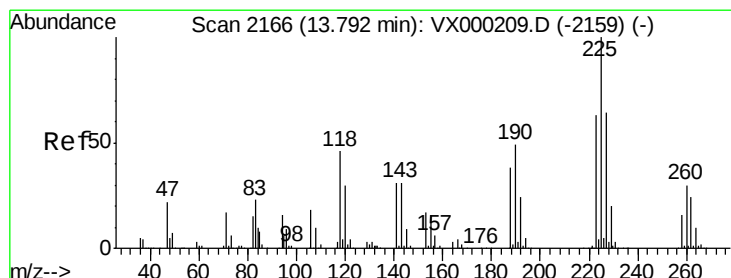
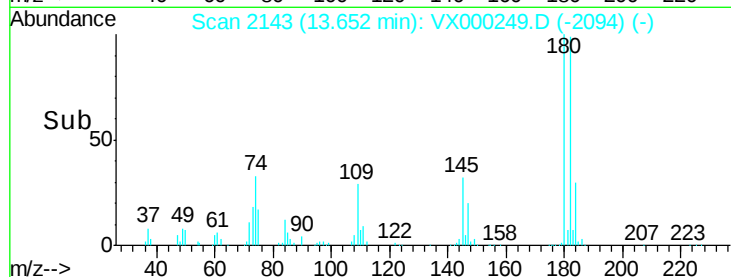
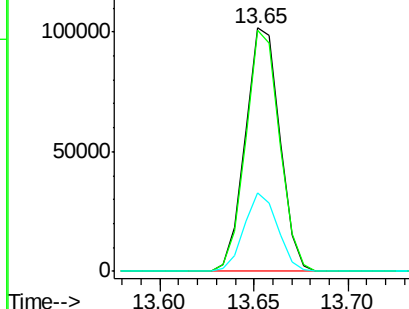
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	128736		
182	97.1	47.0	141.0	
145	31.5	15.3	45.9	

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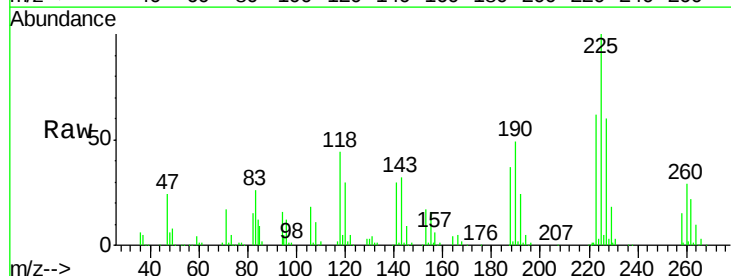


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

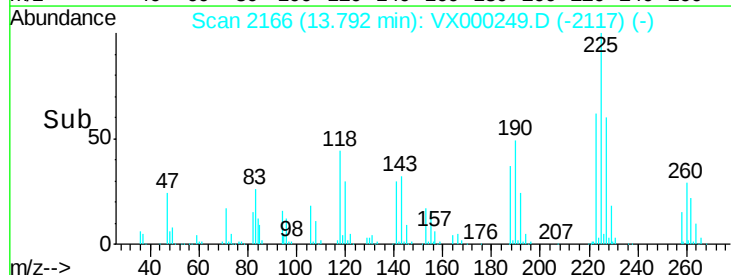
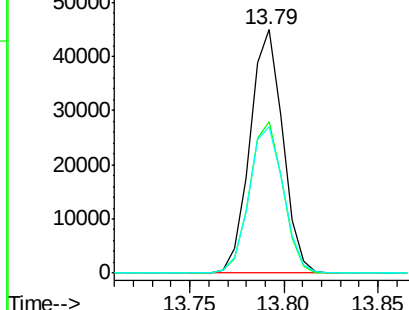


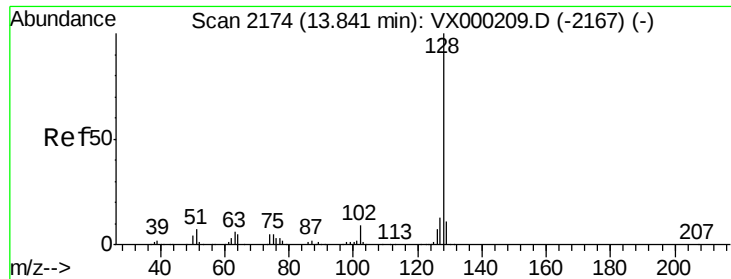
#94
 Hexachlorobutadiene
 Concen: 45.54 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000249.D
 Acq: 09 Mar 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54180		
223	63.3	31.8	95.3	
227	62.9	31.9	95.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.73 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Instrument :

MSVOA_X

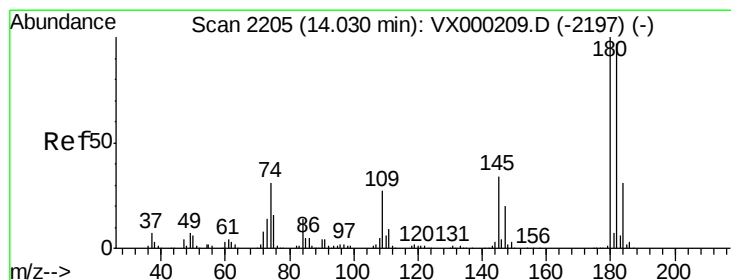
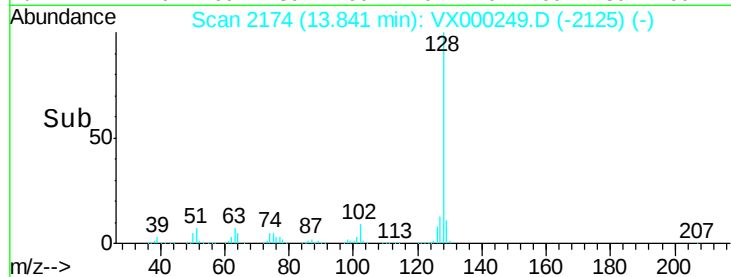
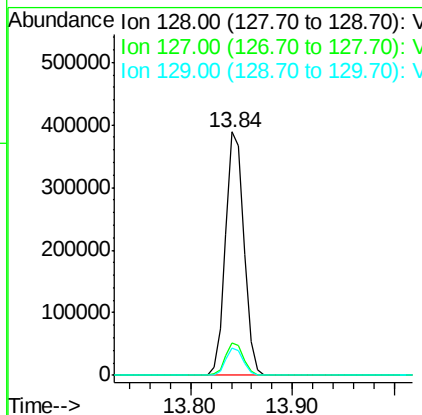
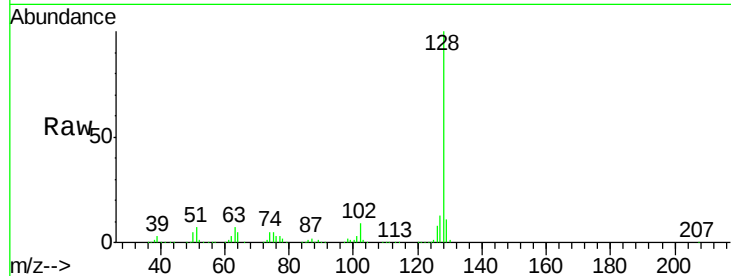
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	486113
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 45.76 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000249.D

Acq: 09 Mar 2018 11:52

Tgt Ion:	180	Resp:	129398
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.0
145	32.2	16.3	48.8

