

Data File : VX000343.D
Acq On : 16 Mar 2018 12:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
3/19/2018 5:31:44 PM

Quant Time: Mar 16 14:48:30 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	128093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124736	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	79633	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
35) Dibromofluoromethane	5.51	113	62070	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.73	98	250937	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.15	95	99244	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	58381	42.31	ug/l	96
3) Chloromethane	1.32	50	60933	43.32	ug/l	97
4) Vinyl Chloride	1.41	62	74720	47.43	ug/l	99
5) Bromomethane	1.64	94	99470	56.58	ug/l	96
6) Chloroethane	1.72	64	45981	41.07	ug/l	97
7) Trichlorofluoromethane	1.93	101	128177	46.84	ug/l	98
8) Diethyl Ether	2.19	74	45174	46.38	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72181	48.99	ug/l	99
10) Methyl Iodide	2.52	142	70264	47.20	ug/l	98
11) Tert butyl alcohol	3.07	59	137527	239.86	ug/l	99
12) 1,1-Dichloroethene	2.38	96	63966	45.75	ug/l	96
13) Acrolein	2.30	56	57523	233.20	ug/l	97
14) Allyl chloride	2.73	41	114998	46.12	ug/l	98
15) Acrylonitrile	3.15	53	265009	239.71	ug/l	100
16) Acetone	2.45	43	305633	258.31	ug/l	97
17) Carbon Disulfide	2.57	76	174950	42.83	ug/l	98
18) Methyl Acetate	2.78	43	130118	49.14	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	231043	46.94	ug/l	100
20) Methylene Chloride	2.86	84	70269	45.87	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	69248	44.80	ug/l	95
22) Diisopropyl ether	3.87	45	224174	54.02	ug/l	95
23) Vinyl Acetate	3.83	43	1089029	275.33	ug/l	97
24) 1,1-Dichloroethane	3.70	63	126715	48.54	ug/l	98
25) 2-Butanone	4.71	43	360206	254.72	ug/l	99
26) 2,2-Dichloropropane	4.60	77	91931	48.79	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	64664	45.79	ug/l	99
28) Bromochloromethane	5.03	49	51830	47.24	ug/l	99
29) Tetrahydrofuran	5.17	42	227342	249.77	ug/l	99
30) Chloroform	5.22	83	121508	49.30	ug/l	94
31) Cyclohexane	5.58	56	97652	48.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	106640	48.96	ug/l	98
36) 1,1-Dichloropropene	5.81	75	88727	48.07	ug/l	96
37) Ethyl Acetate	4.87	43	121126	49.38	ug/l	100
38) Carbon Tetrachloride	5.79	117	92974	49.97	ug/l	99

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Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	115282	53.55	ug/l	97
40) Benzene	6.15	78	262259	50.08	ug/l	97
41) Methacrylonitrile	5.07	41	63392	49.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	105323	50.75	ug/l	99
43) Isopropyl Acetate	6.48	43	190684	53.86	ug/l	99
44) Trichloroethene	7.22	130	75524	49.78	ug/l	94
45) 1,2-Dichloropropane	7.52	63	68470	53.02	ug/l	99
46) Dibromomethane	7.67	93	52700	50.80	ug/l	99
47) Bromodichloromethane	7.91	83	98786	53.64	ug/l	98
48) Methyl methacrylate	7.79	41	93109	52.01	ug/l	98
49) 1,4-Dioxane	7.76	88	38940	966.85	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	738428	268.58	ug/l	99
52) Toluene	8.79	92	184180	50.07	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	110918	52.19	ug/l	94
54) cis-1,3-Dichloropropene	9.05	75	111981	53.88	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	74484	50.47	ug/l	96
56) Ethyl methacrylate	9.19	69	118187	54.08	ug/l	99
57) 1,3-Dichloropropane	9.38	76	123389	51.61	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	286496	306.04	ug/l	99
59) 2-Hexanone	9.51	43	633530	273.50	ug/l	99
60) Dibromochloromethane	9.59	129	82105	52.61	ug/l	98
61) 1,2-Dibromoethane	9.68	107	82127	50.20	ug/l	99
64) Tetrachloroethene	9.34	164	75261	59.30	ug/l	98
65) Chlorobenzene	10.15	112	210726	52.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	75972	55.82	ug/l	99
67) Ethyl Benzene	10.26	91	373120	54.08	ug/l	98
68) m/p-Xylenes	10.37	106	295742	110.03	ug/l	100
69) o-Xylene	10.71	106	144487	55.34	ug/l	99
70) Styrene	10.72	104	244000	56.31	ug/l	99
71) Bromoform	10.87	173	66788	48.55	ug/l #	97
73) Isopropylbenzene	11.02	105	402572	53.59	ug/l	99
74) N-amyl acetate	6.48	43	190684	53.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	141153	52.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	125882m	56.12	ug/l	
77) Bromobenzene	11.26	156	99394	50.40	ug/l	99
78) n-propylbenzene	11.37	91	479653	52.95	ug/l	100
79) 2-Chlorotoluene	11.43	91	269846	52.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	352828	55.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	40927	49.53	ug/l	95
82) 4-Chlorotoluene	11.52	91	338338	53.55	ug/l	99
83) tert-Butylbenzene	11.78	119	335816	53.78	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	365433	55.54	ug/l	99
85) sec-Butylbenzene	11.96	105	432735	55.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	391403	56.27	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	196739	50.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	206456	51.34	ug/l	98
89) n-Butylbenzene	12.40	91	366965	54.26	ug/l	99
90) Hexachloroethane	12.60	117	61432	55.06	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	197495	52.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40601	56.08	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031618\
Quantitation Report (QT Reviewed)

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QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137435	50.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	57508	53.99	ug/l	97
95) Naphthalene	13.84	128	495473	52.88	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	139177	51.03	ug/l	99

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

Data File : VX000343.D

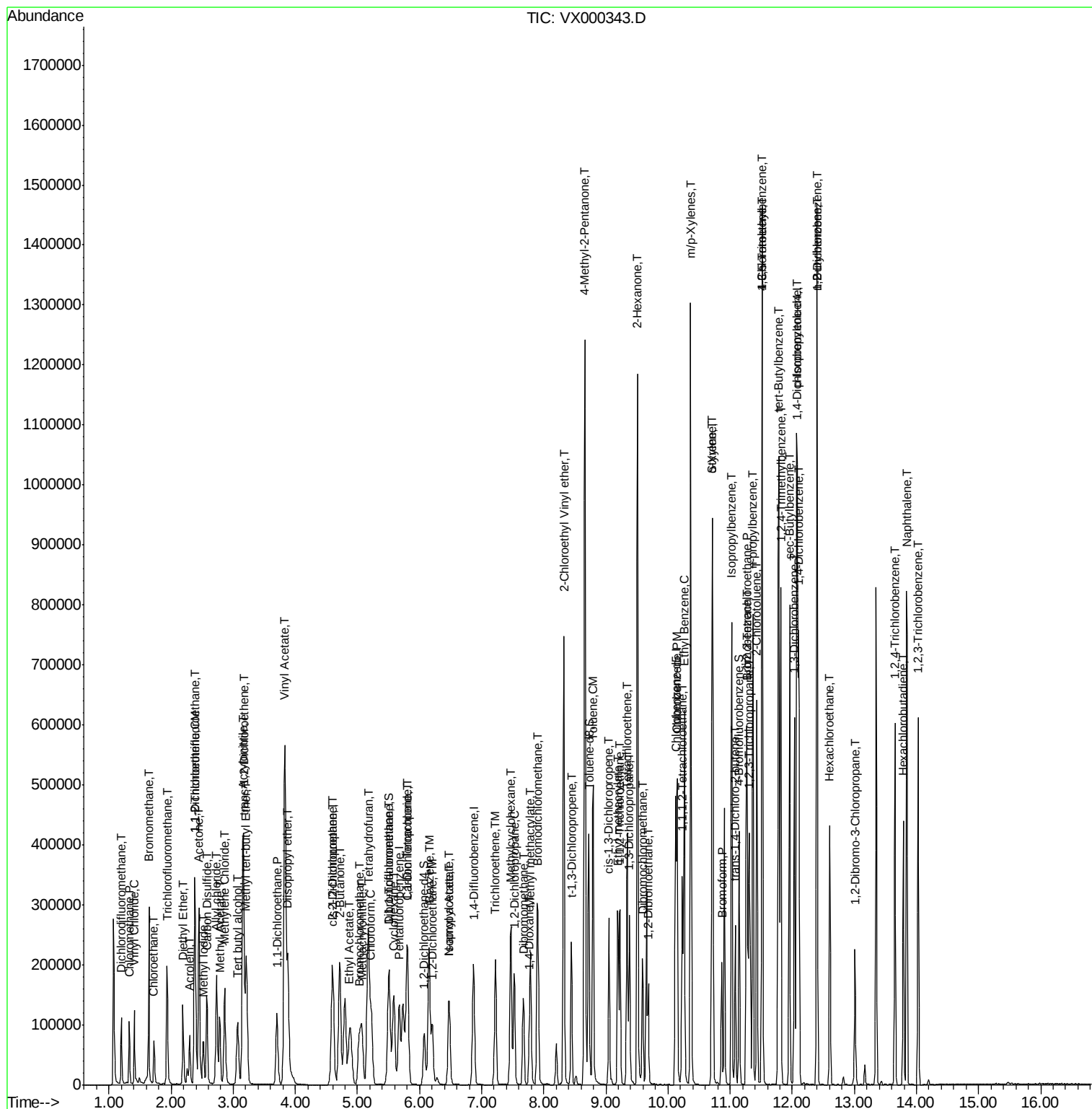
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Acq On       : 16 Mar 2018   12:40
Operator    : JC/MD
Sample      : VSTDCCC050
Misc       : 5.0mL/MSVOA_X/WATER
ALS Vial    : 1      Sample Multiplier: 1
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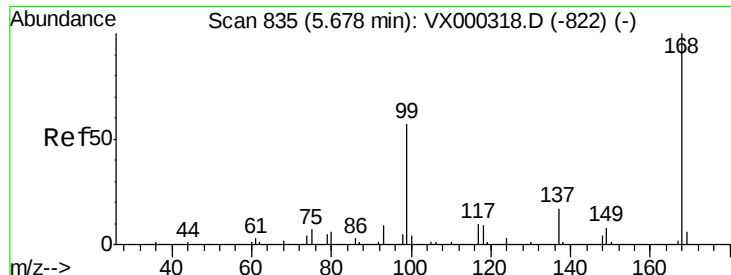
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Quant Time: Mar 16 14:48:30 2018
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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: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 128093

Ion Ratio Lower Upper

168 100

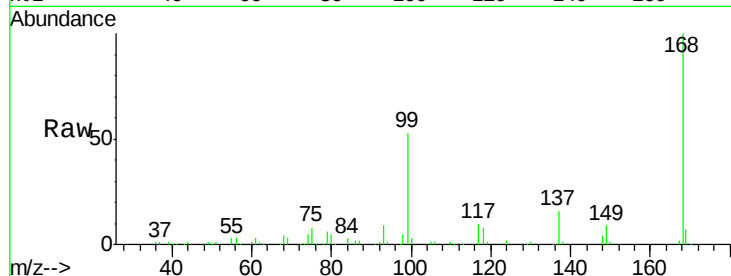
99 52.5 45.8 68.6

Manual Integrations

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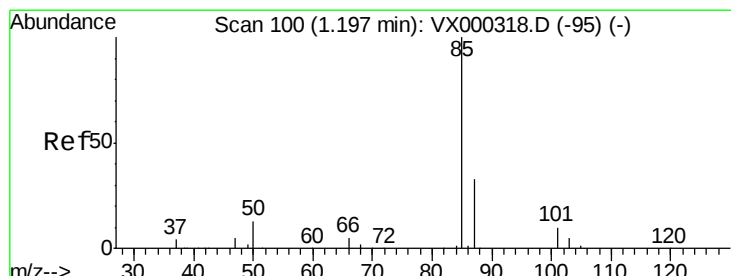
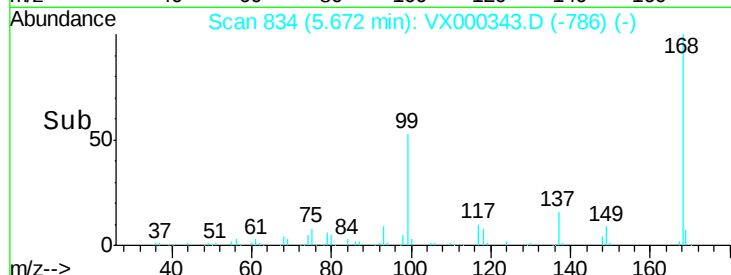
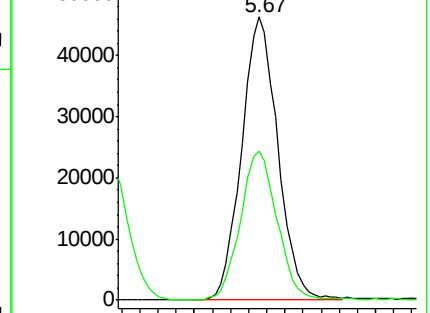
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000343.D

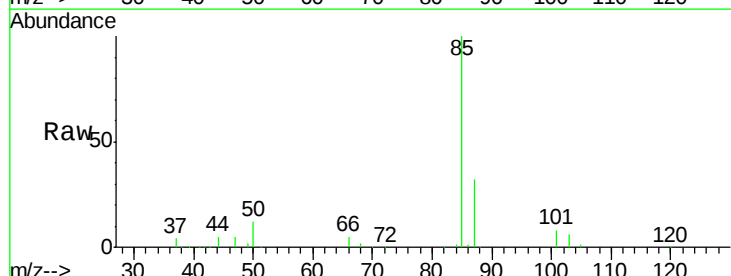
Acq: 16 Mar 2018 12:40

Tgt Ion: 85 Resp: 58381

Ion Ratio Lower Upper

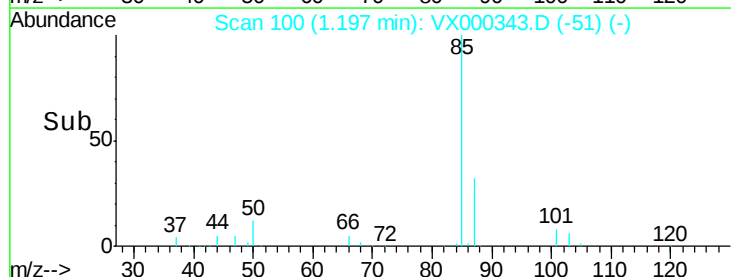
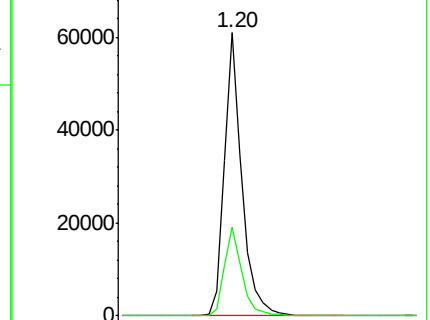
85 100

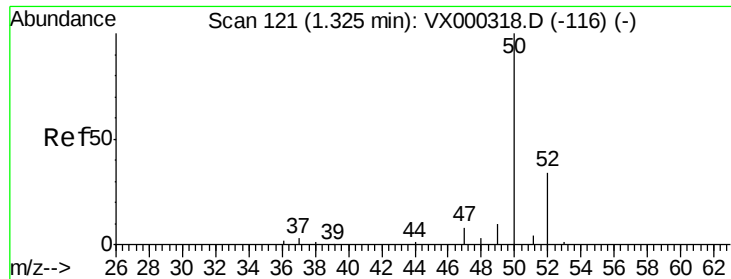
87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 60933

Ion Ratio Lower Upper

50 100

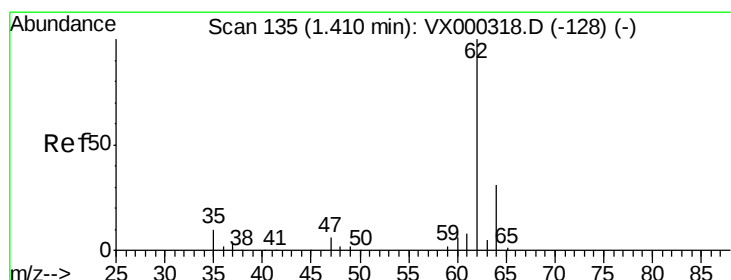
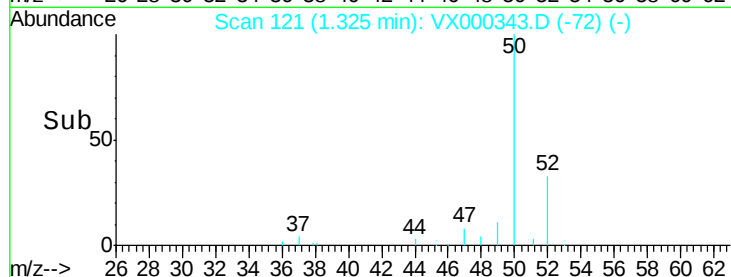
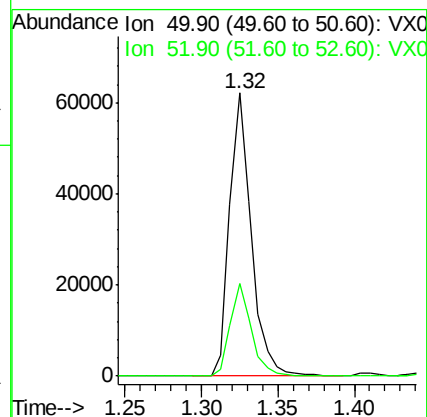
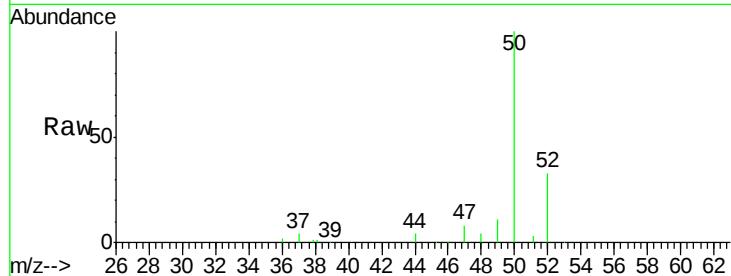
52 32.8 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.43 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000343.D

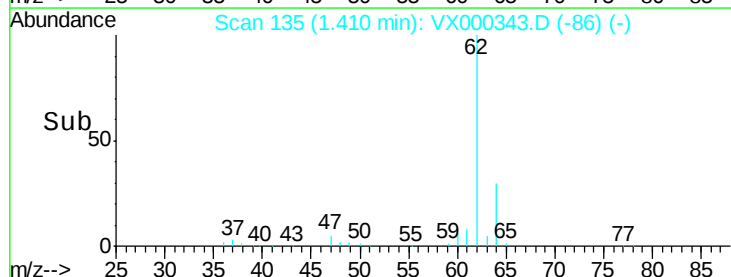
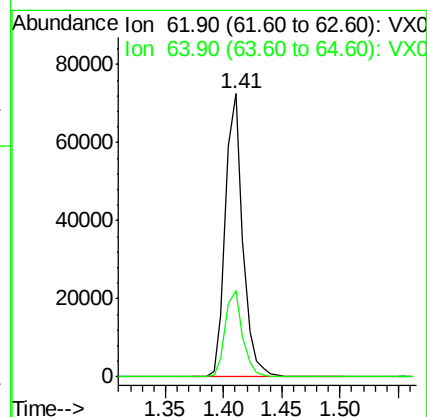
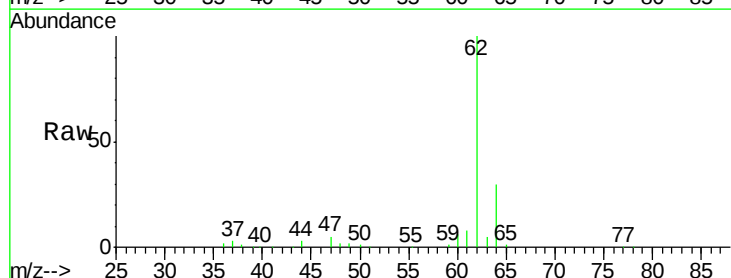
Acq: 16 Mar 2018 12:40

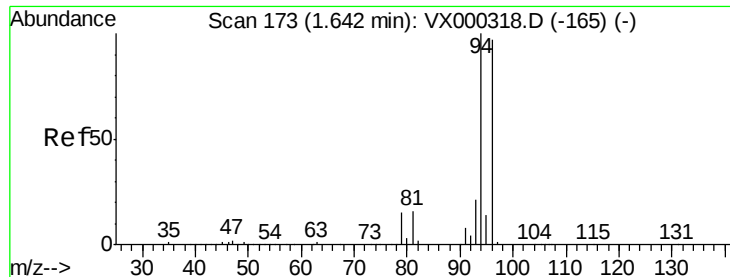
Tgt Ion: 62 Resp: 74720

Ion Ratio Lower Upper

62 100

64 30.4 24.8 37.2





#5

Bromomethane

Concen: 56.58 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 99470

Ion Ratio Lower Upper

94 100

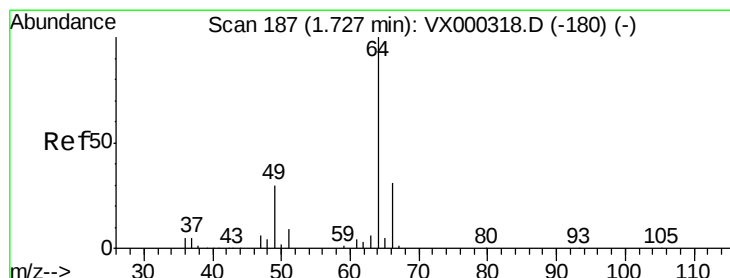
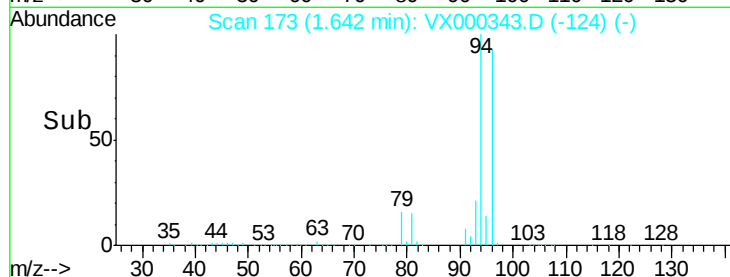
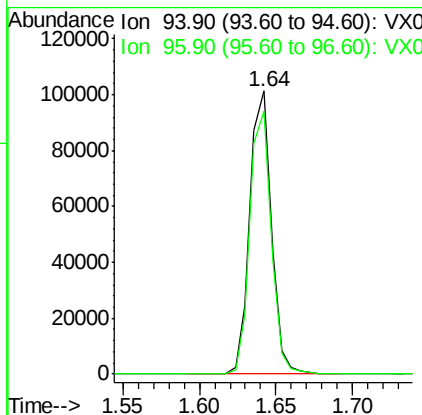
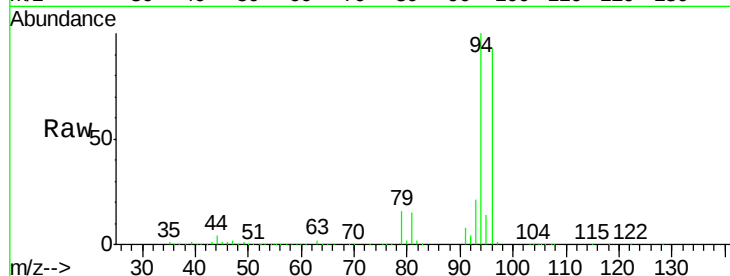
96 92.8 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 41.07 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000343.D

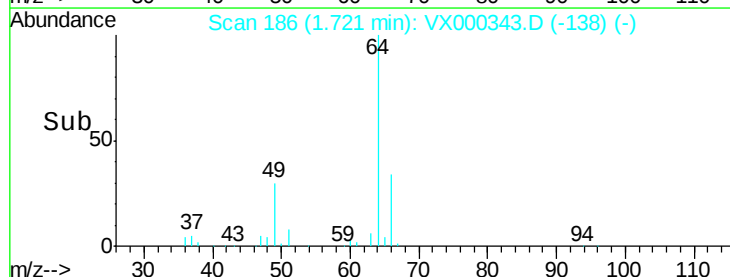
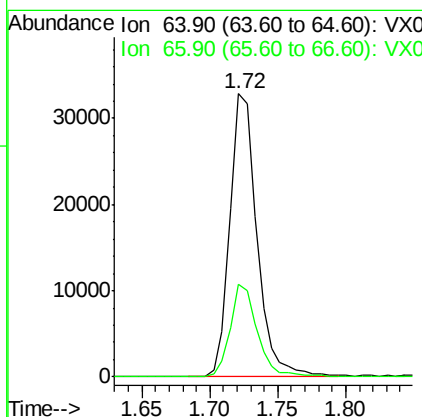
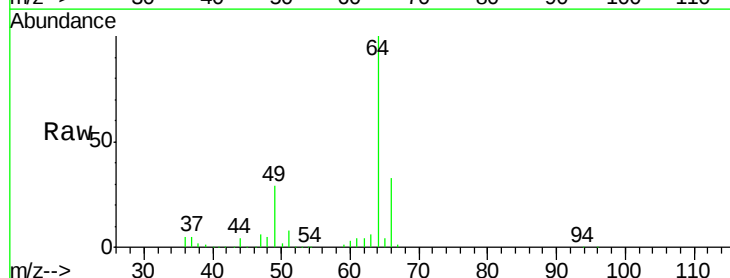
Acq: 16 Mar 2018 12:40

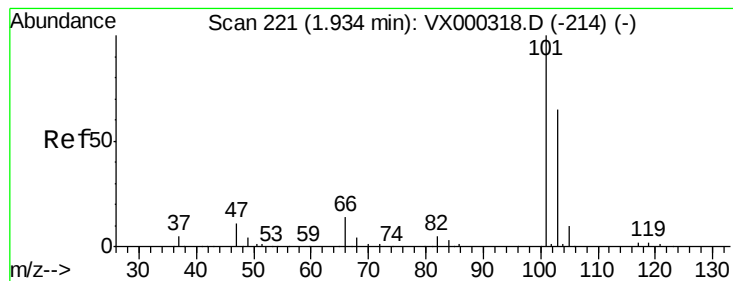
Tgt Ion: 64 Resp: 45981

Ion Ratio Lower Upper

64 100

66 32.6 24.8 37.2





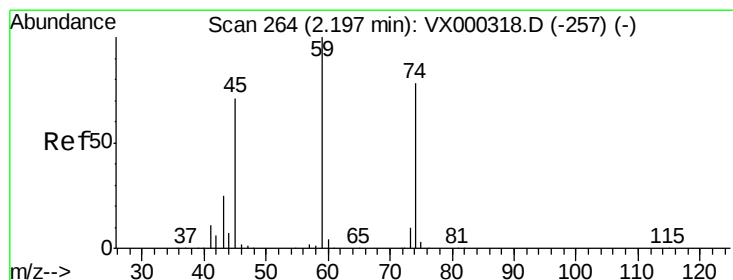
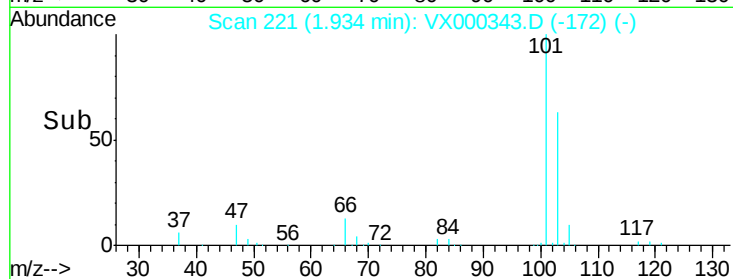
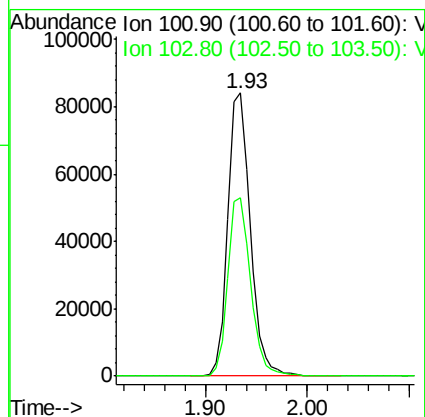
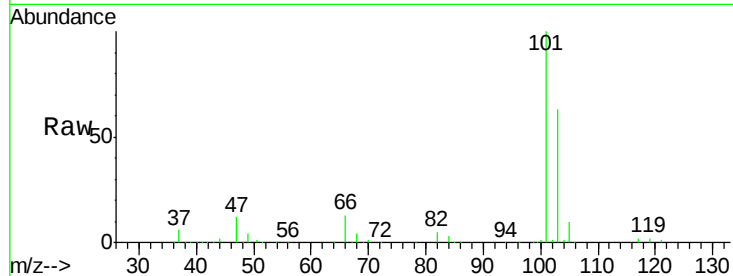
#7
 Trichlorofluoromethane
 Concen: 46.84 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 128177
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.6 77.4

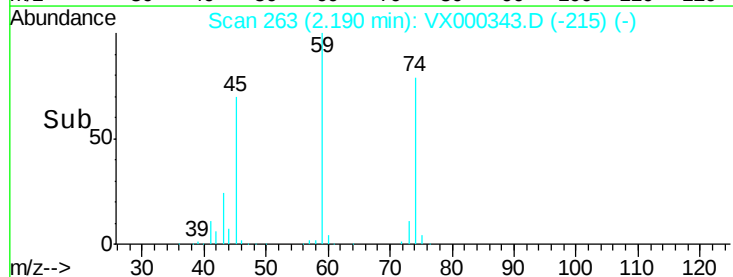
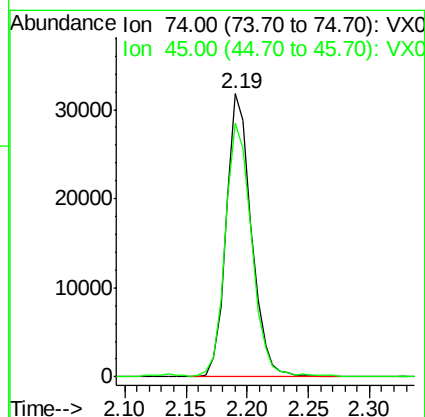
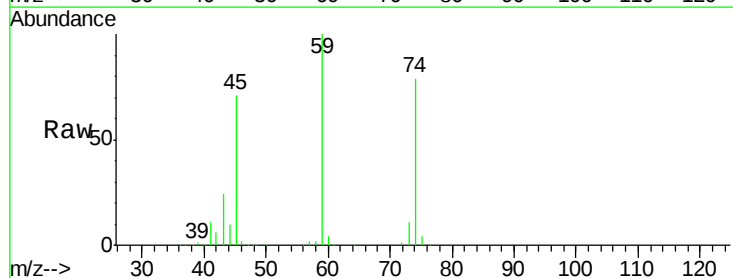
Manual Integrations
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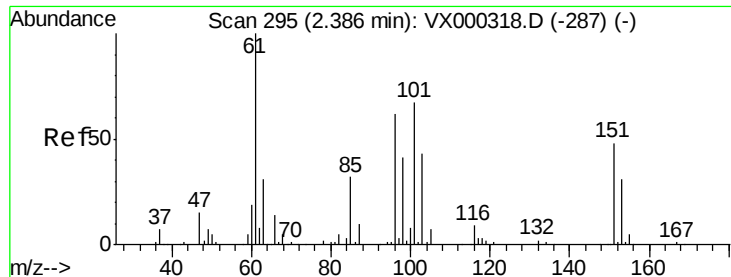
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#8
 Diethyl Ether
 Concen: 46.38 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion: 74 Resp: 45174
 Ion Ratio Lower Upper
 74 100
 45 93.3 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.99 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

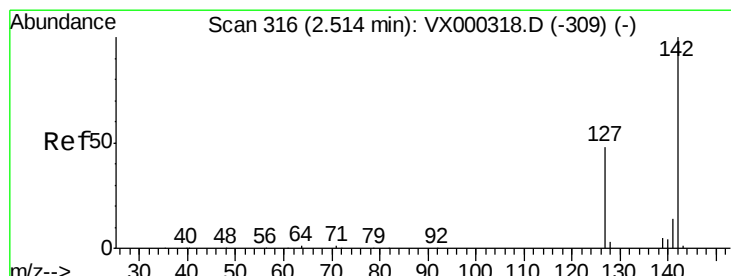
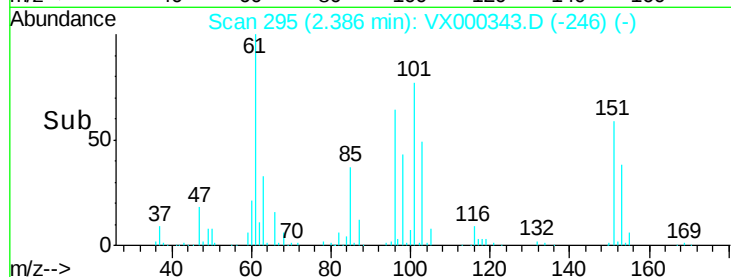
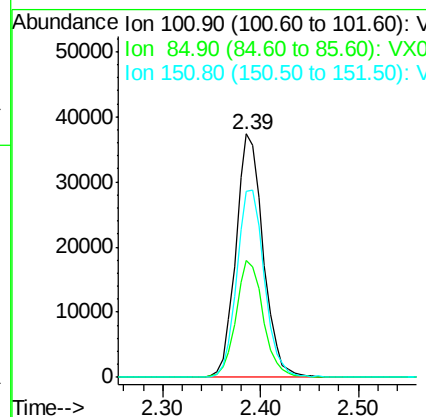
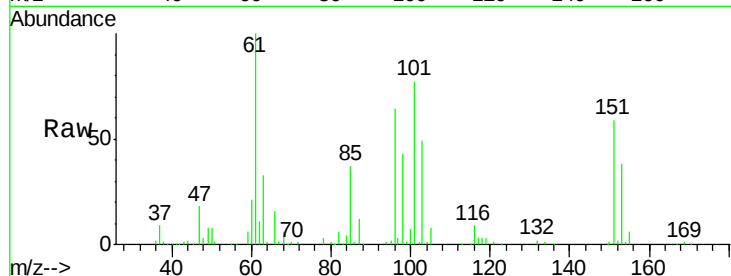
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	72181
Ion Ratio	Lower	Upper	
101	100		
85	48.2	37.6	56.4
151	78.2	62.6	93.8

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#10

Methyl Iodide

Concen: 47.20 ug/l

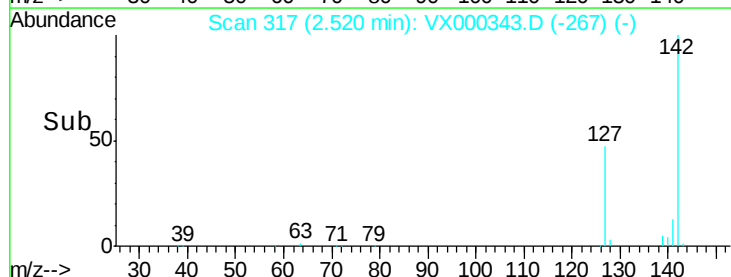
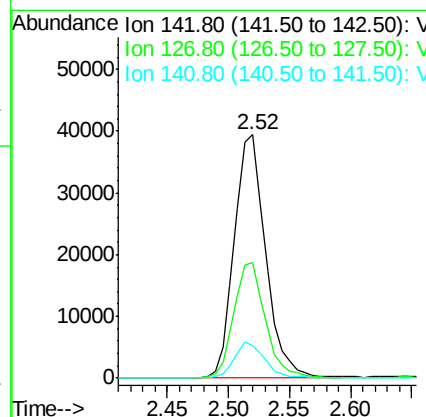
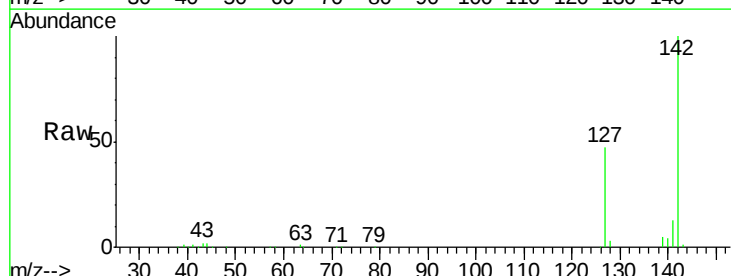
RT: 2.52 min Scan# 317

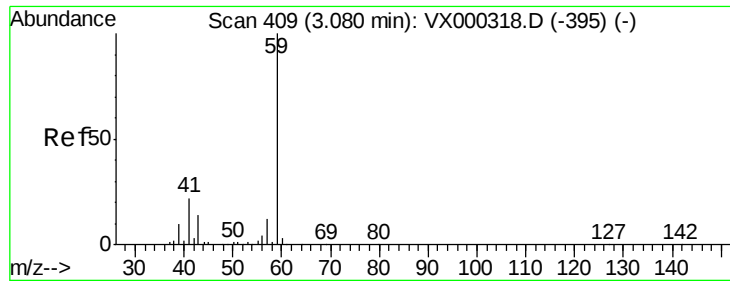
Delta R.T. 0.01 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Tgt Ion:	142	Resp:	70264
Ion Ratio	Lower	Upper	
142	100		
127	47.6	39.2	58.8
141	14.3	11.7	17.5





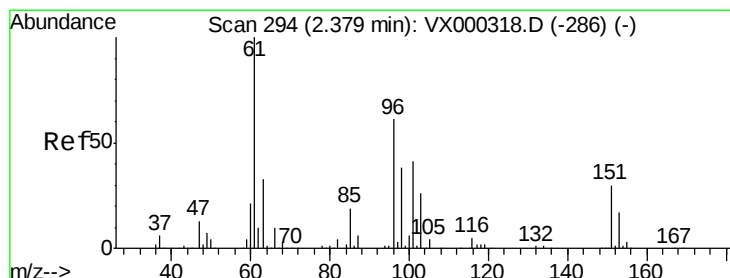
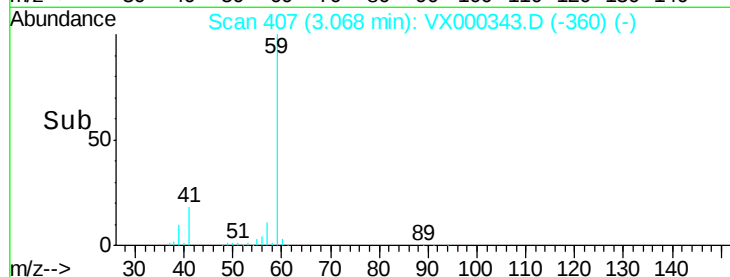
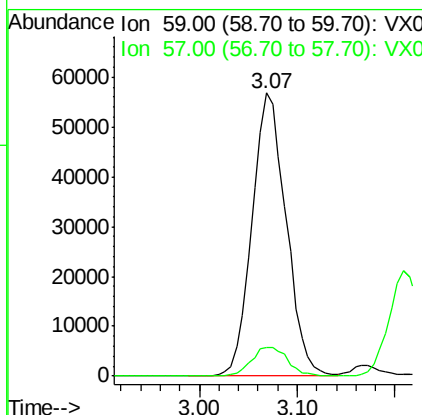
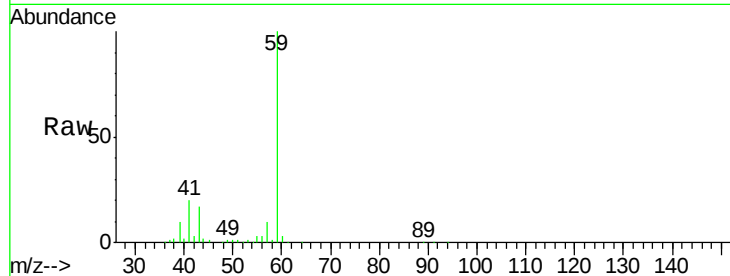
#11
Tert butyl alcohol
Concen: 239.86 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 137527
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

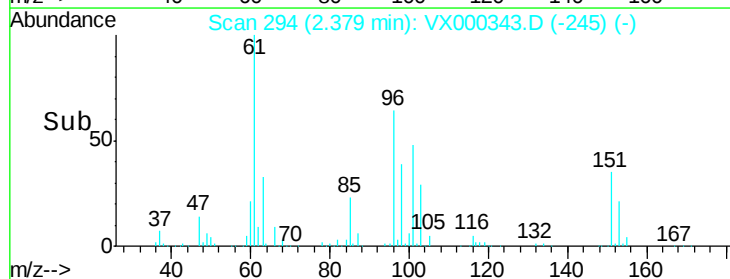
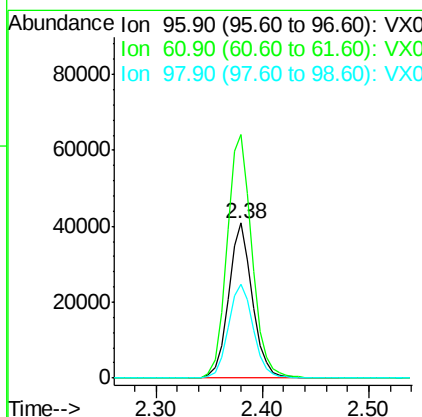
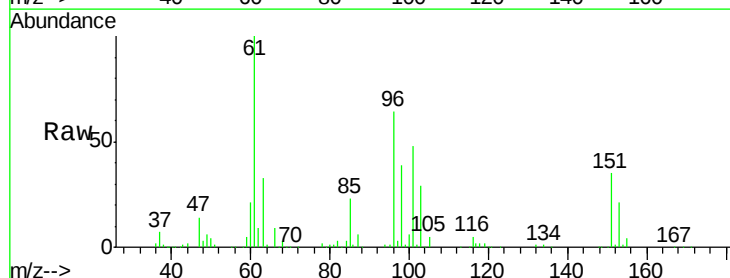
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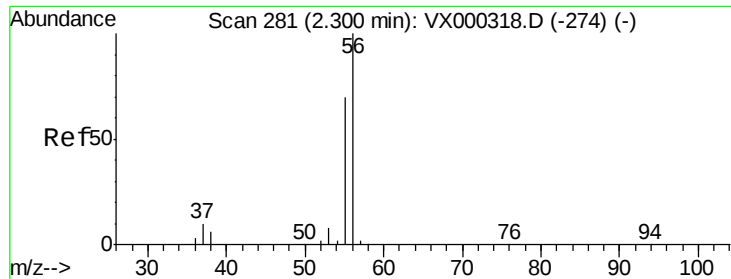
apatel
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#12
1,1-Dichloroethene
Concen: 45.75 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion: 96 Resp: 63966
Ion Ratio Lower Upper
96 100
61 157.1 131.2 196.8
98 60.8 49.8 74.8





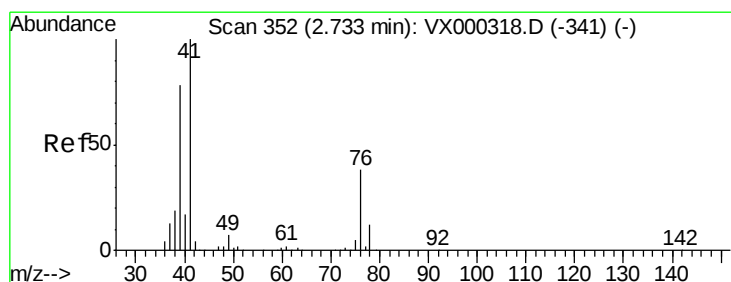
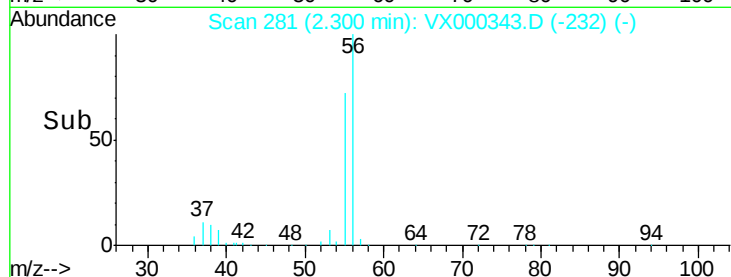
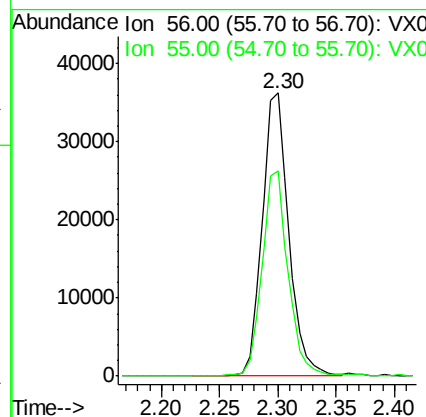
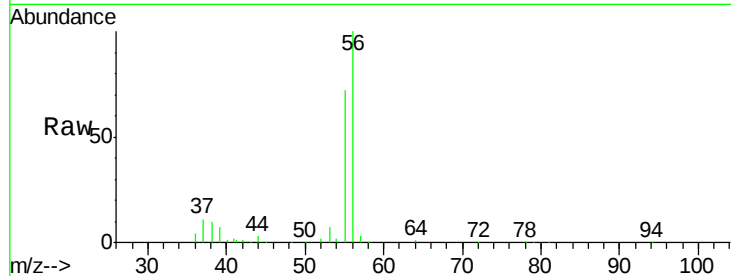
#13
Acrolein
Concen: 233.20 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 57523
Ion Ratio Lower Upper
56 100
55 71.4 58.8 88.2

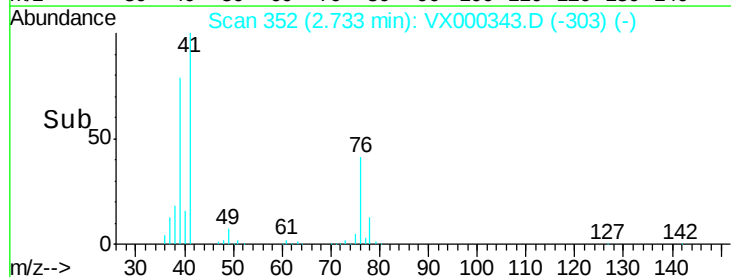
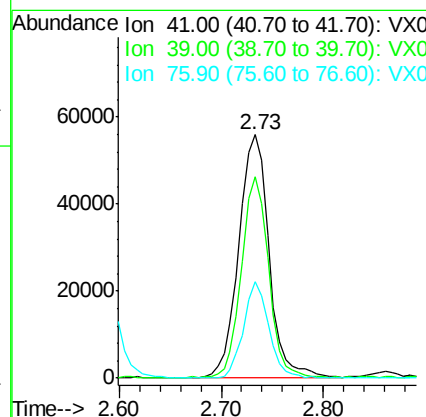
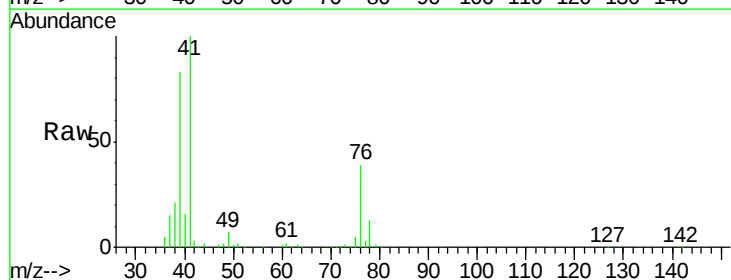
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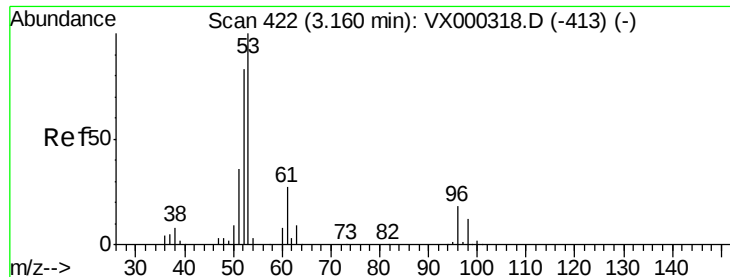
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#14
Allyl chloride
Concen: 46.12 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion: 41 Resp: 114998
Ion Ratio Lower Upper
41 100
39 73.8 57.6 86.4
76 33.3 27.3 40.9





#15

Acrylonitrile

Concen: 239.71 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

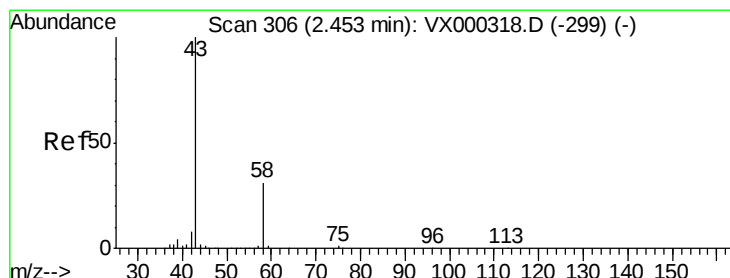
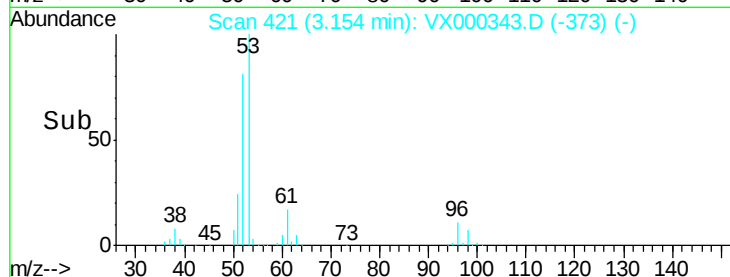
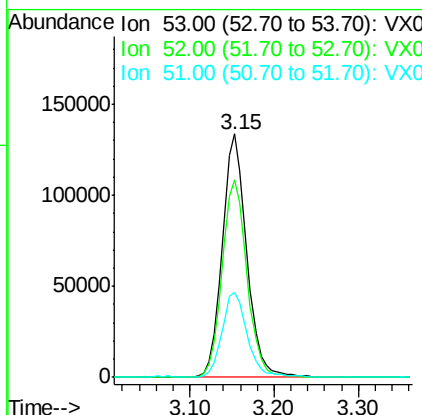
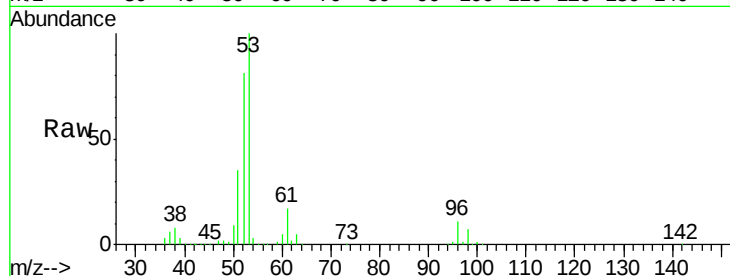
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	265009
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.6	99.8
51	36.0	29.3	43.9

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#16

Acetone

Concen: 258.31 ug/l

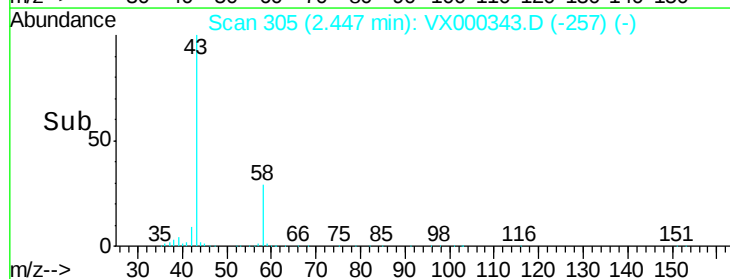
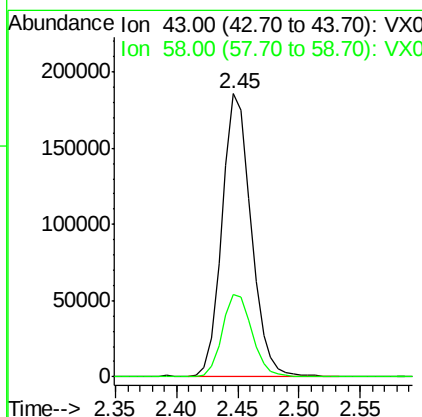
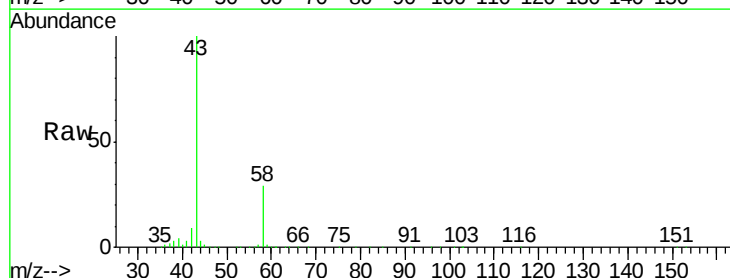
RT: 2.45 min Scan# 305

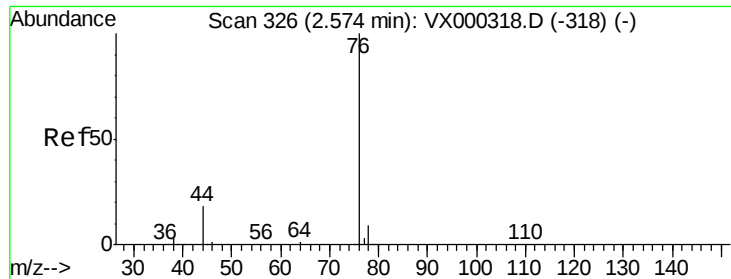
Delta R.T. -0.01 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Tgt Ion:	43	Resp:	305633
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.7	37.1





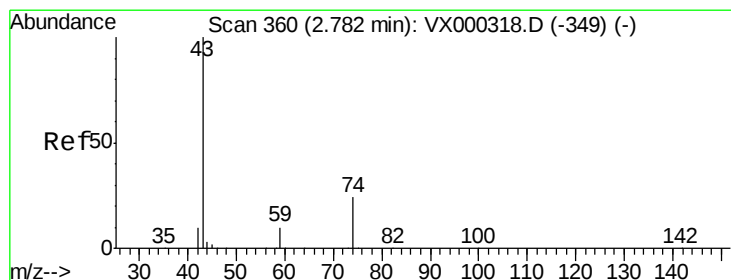
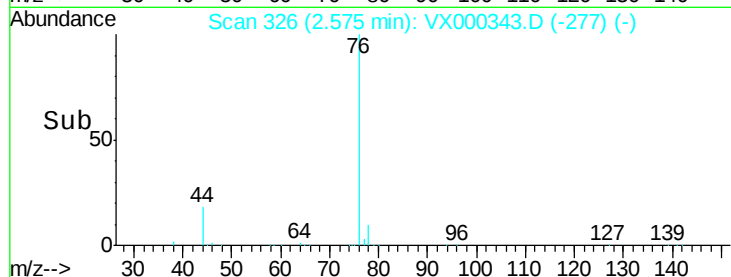
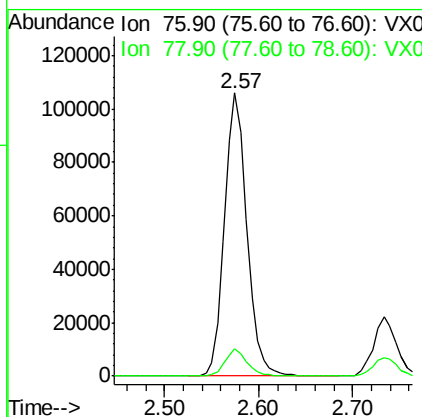
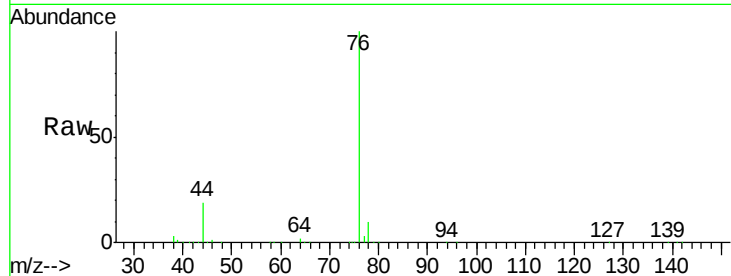
#17
Carbon Disulfide
Concen: 42.83 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 174950
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

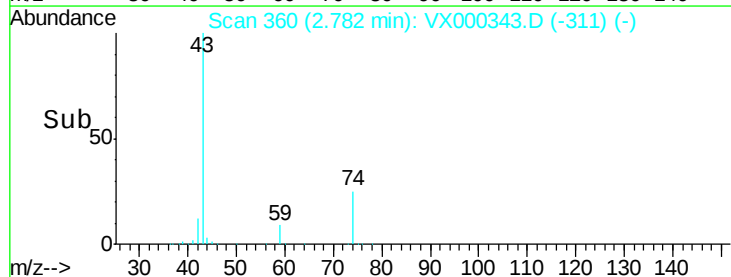
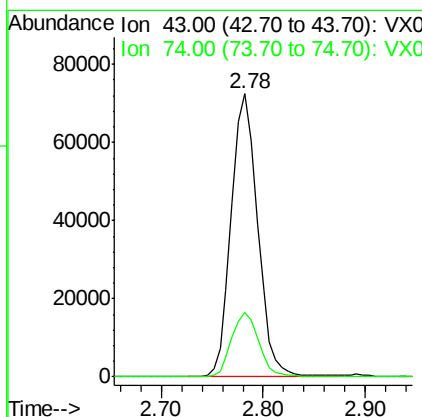
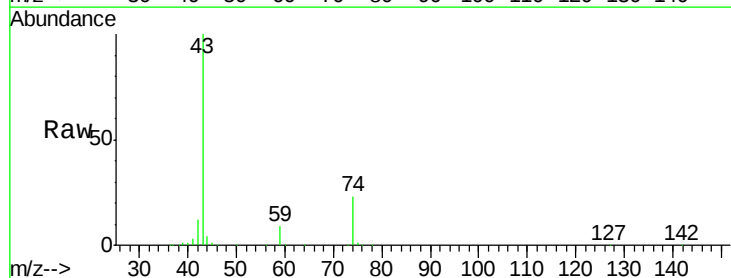
Manual Integrations
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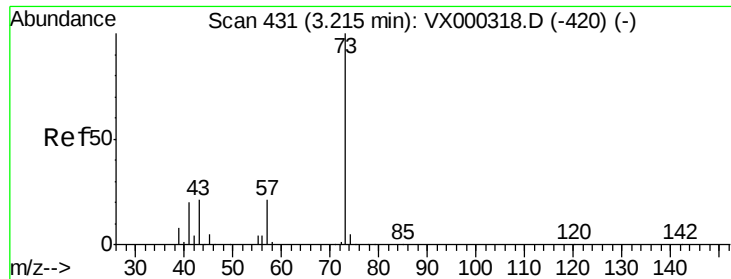
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#18
Methyl Acetate
Concen: 49.14 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion: 43 Resp: 130118
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2





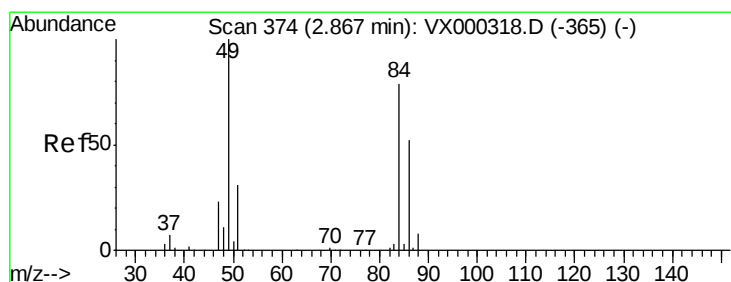
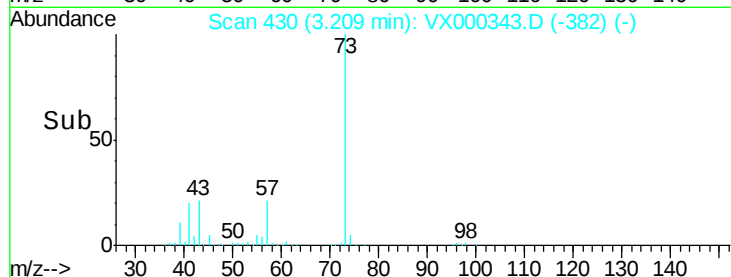
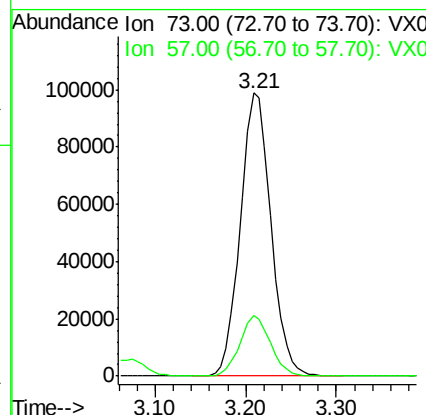
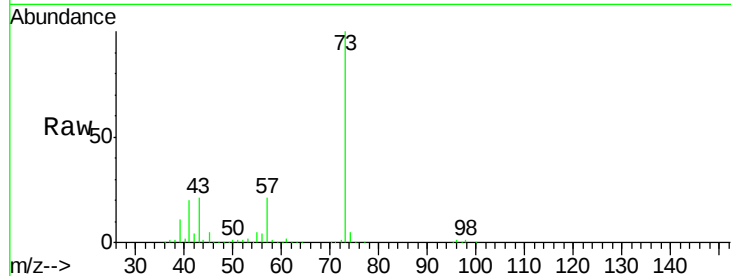
#19
Methyl tert-butyl Ether
Concen: 46.94 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 231043
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8

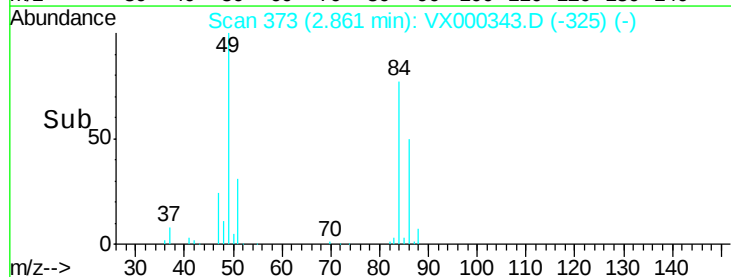
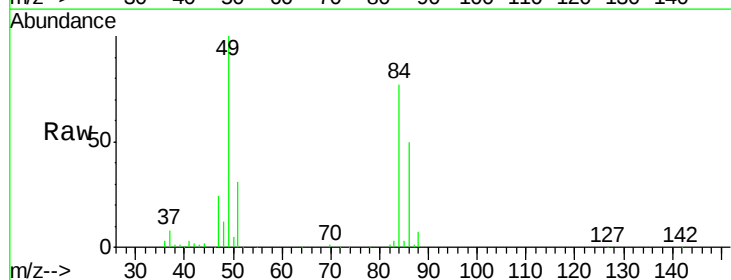
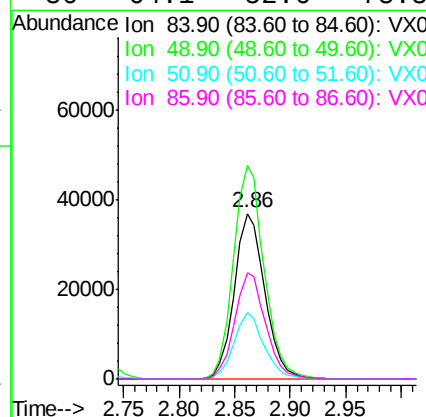
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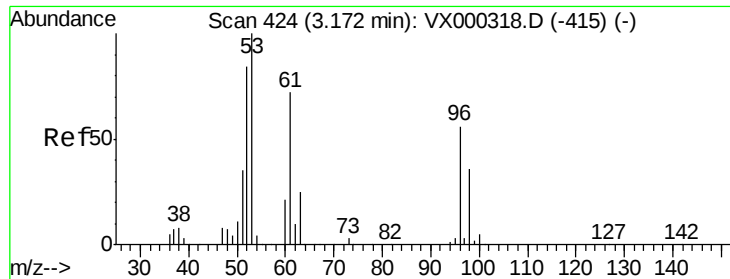
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#20
Methylene Chloride
Concen: 45.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion: 84 Resp: 70269
Ion Ratio Lower Upper
84 100
49 129.3 100.6 151.0
51 40.4 31.6 47.4
86 64.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 44.80 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

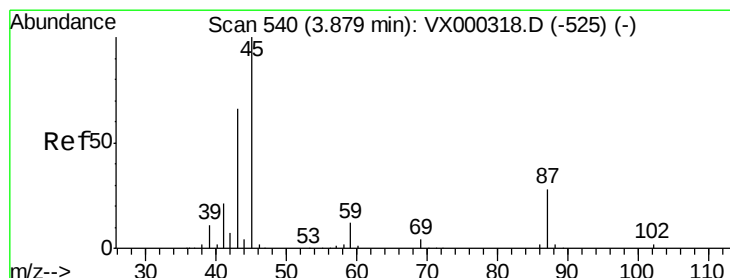
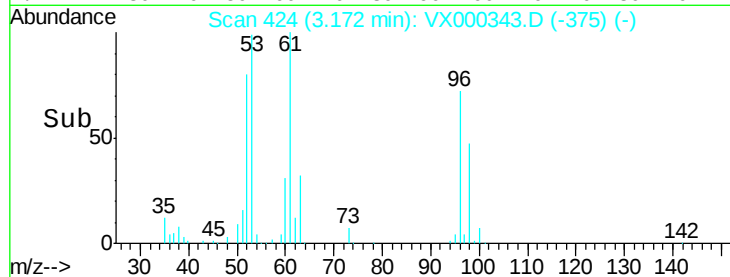
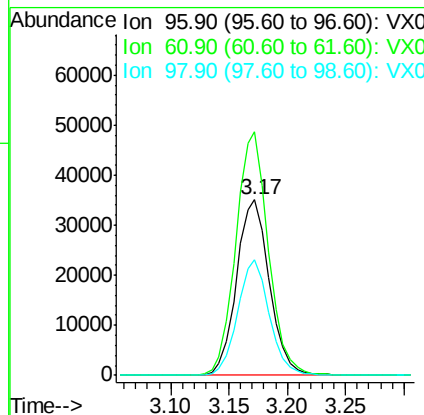
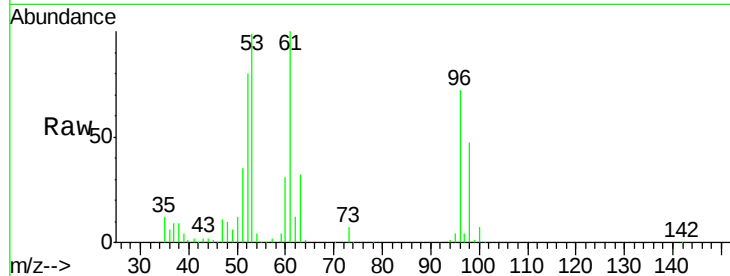
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	69248
Ion Ratio	Lower	Upper	
96	100		
61	138.9	104.0	156.0
98	65.8	52.1	78.1

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#22

Diisopropyl ether

Concen: 54.02 ug/l

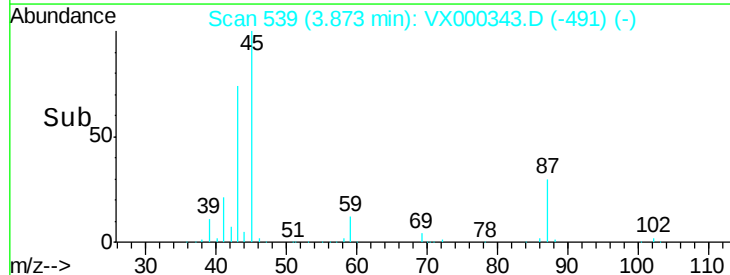
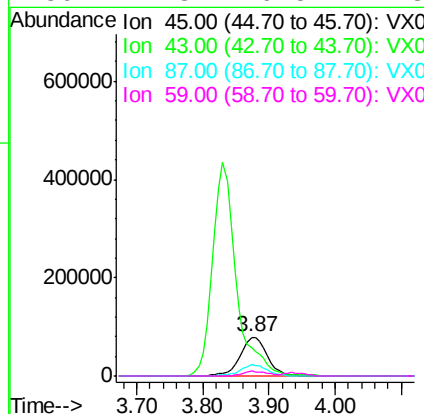
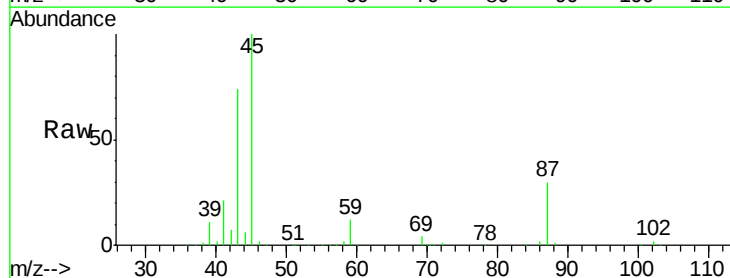
RT: 3.87 min Scan# 539

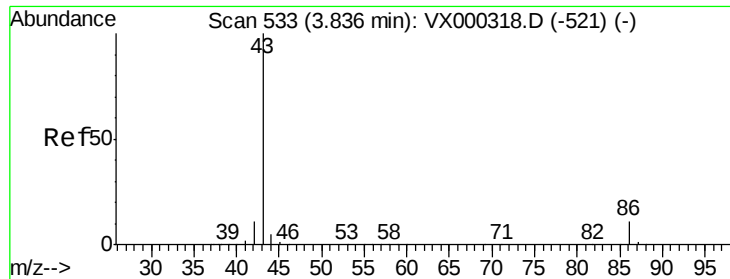
Delta R.T. -0.01 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Tgt Ion:	45	Resp:	224174
Ion Ratio	Lower	Upper	
45	100		
43	73.2	53.9	80.9
87	29.6	22.6	34.0
59	12.3	9.5	14.3





#23

Vinyl Acetate

Concen: 275.33 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1089029

Ion Ratio Lower Upper

43 100

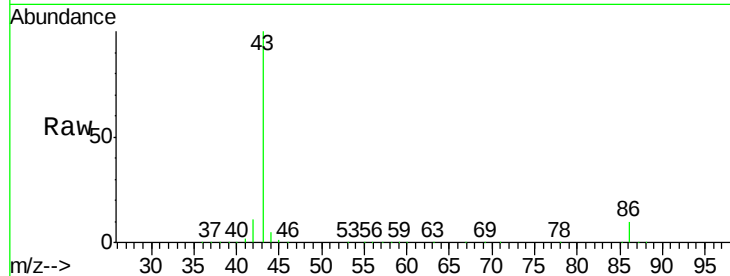
86 9.6 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

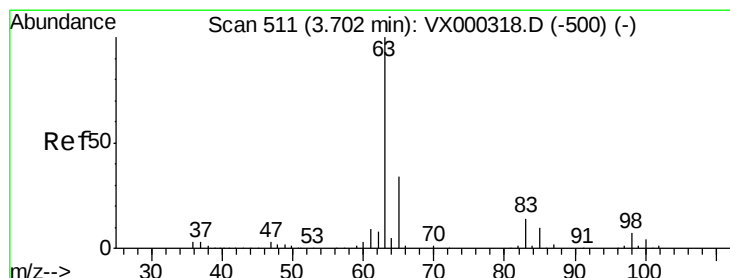
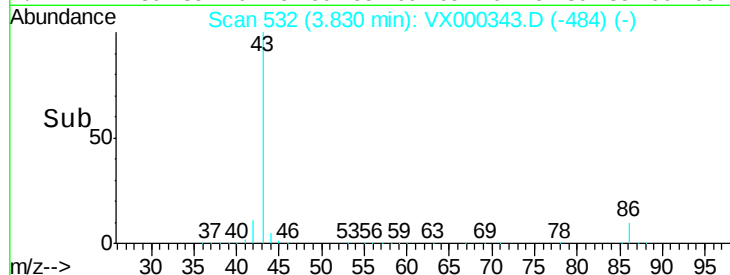
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

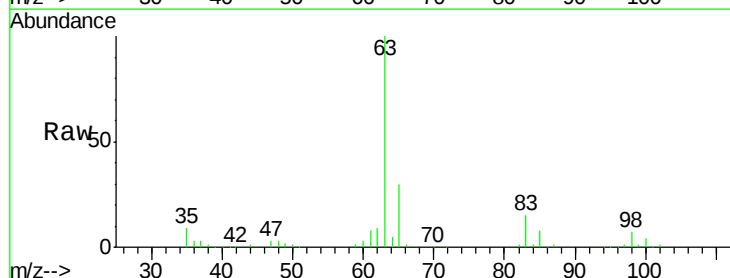
Tgt Ion: 63 Resp: 126715

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.4 2.0 5.8



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

3.70

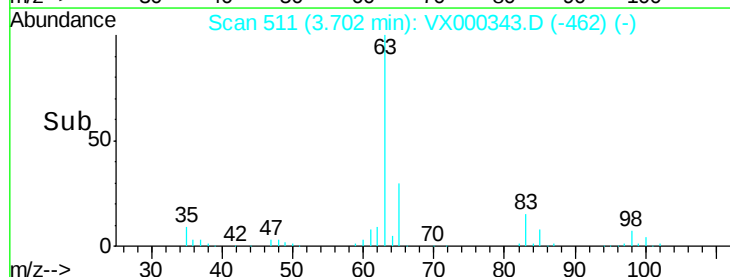
60000

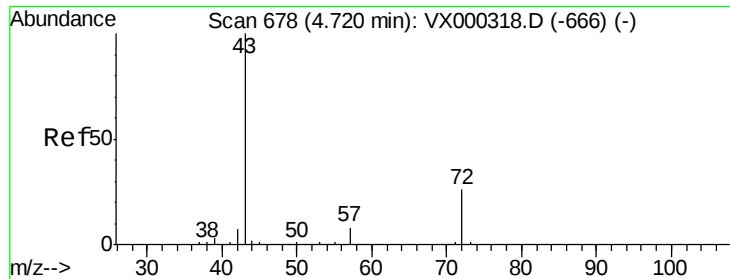
40000

20000

0

Time-->





#25

2-Butanone

Concen: 254.72 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 360206

Ion Ratio Lower Upper

43 100

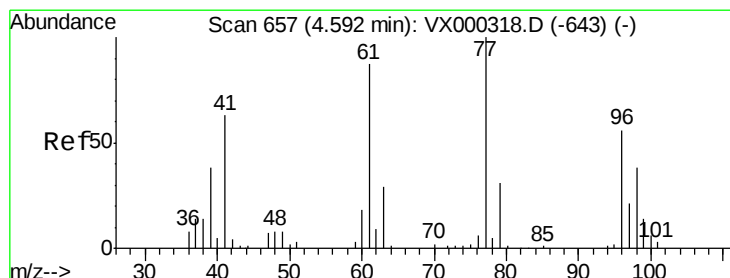
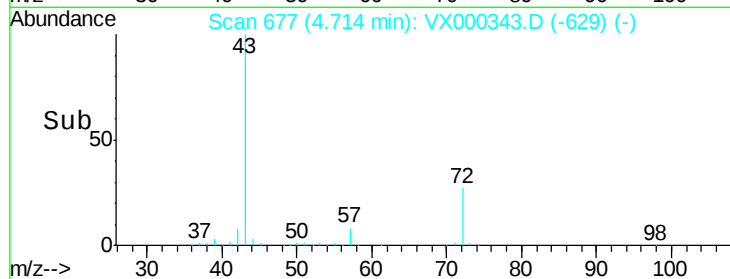
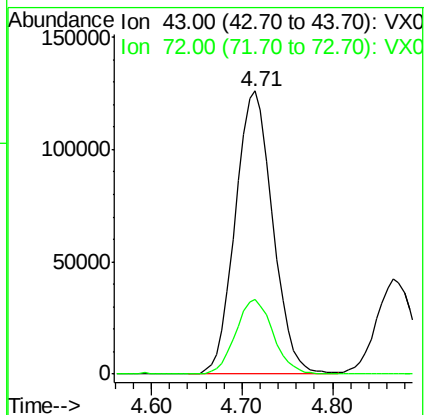
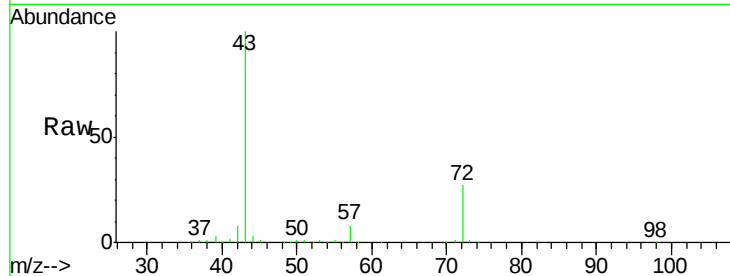
72 26.6 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.79 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000343.D

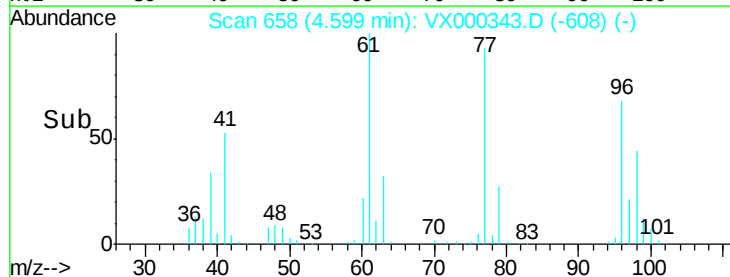
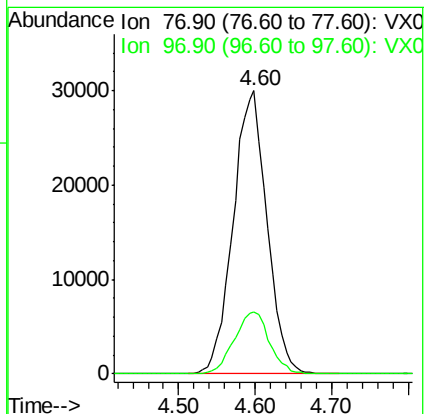
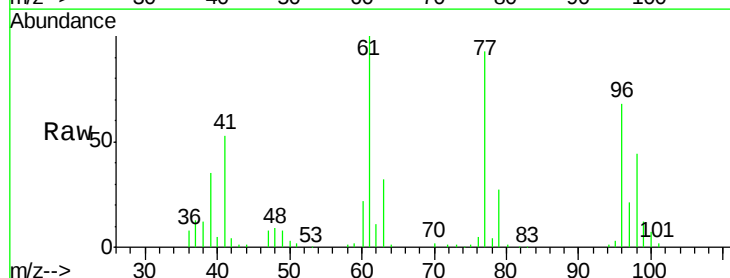
Acq: 16 Mar 2018 12:40

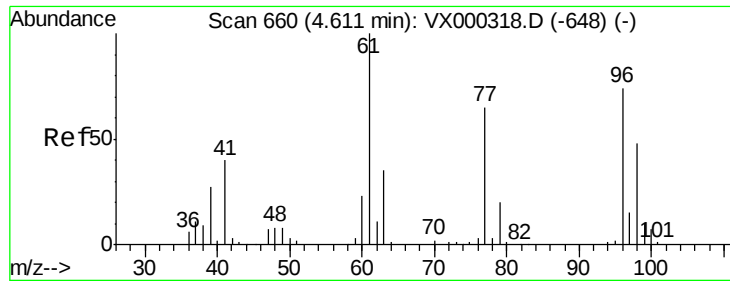
Tgt Ion: 77 Resp: 91931

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

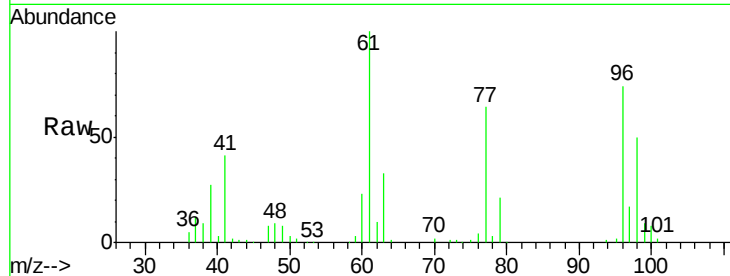
cis-1,2-Dichloroethene
Concen: 45.79 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

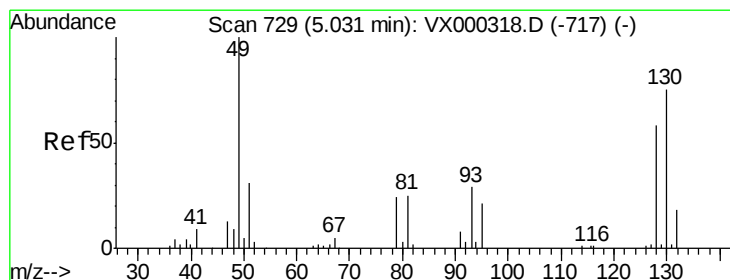
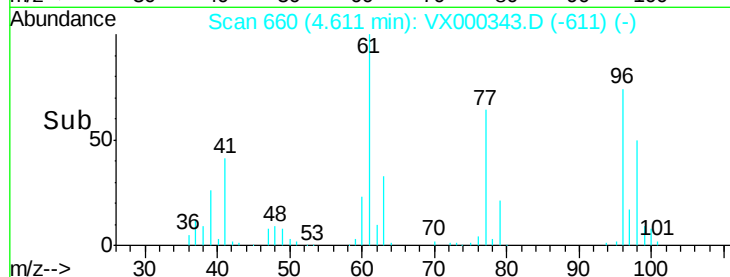
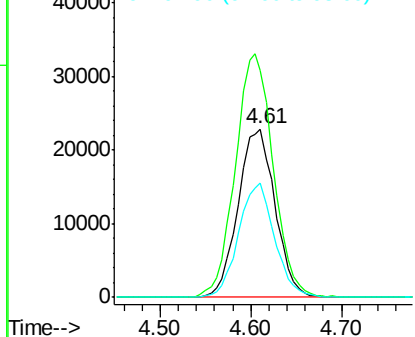
Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	291.6
98	65.7	0.0	132.0

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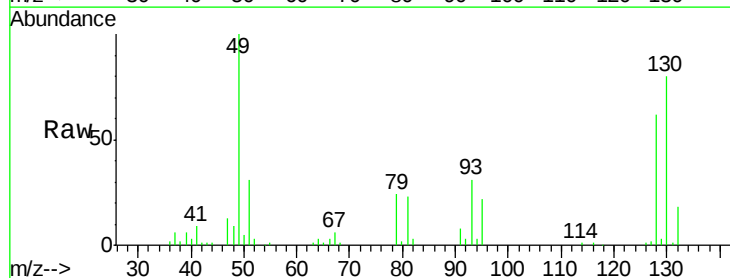
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



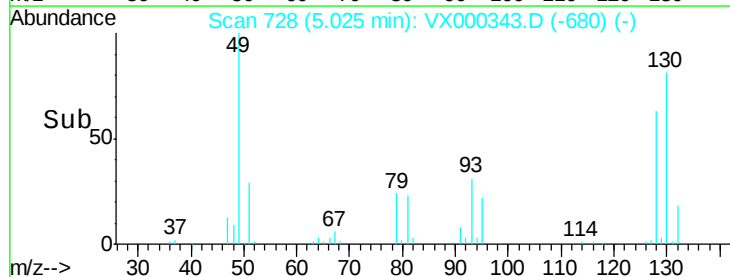
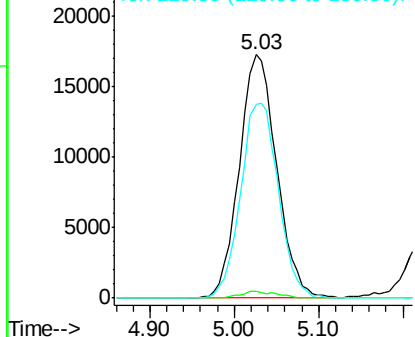
#28

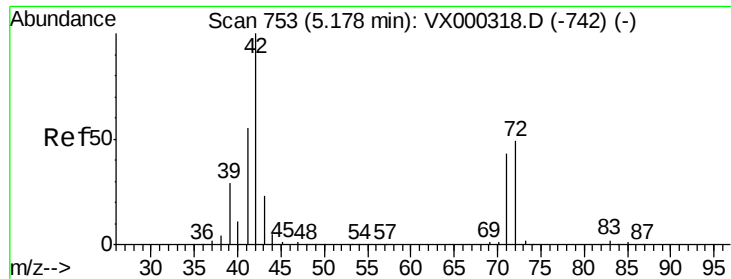
Bromochloromethane
Concen: 47.24 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	80.6	64.0	96.0



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





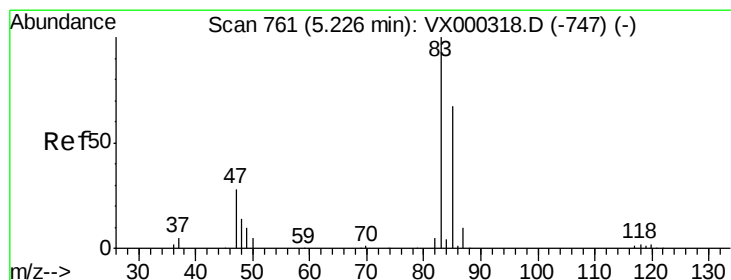
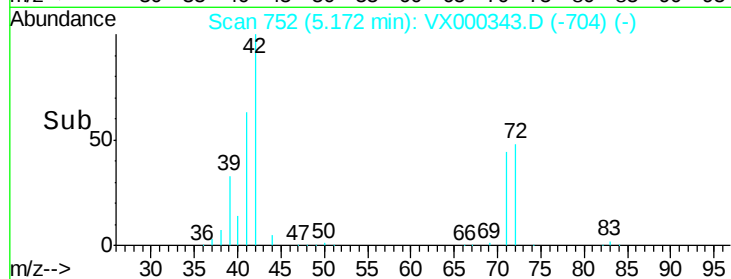
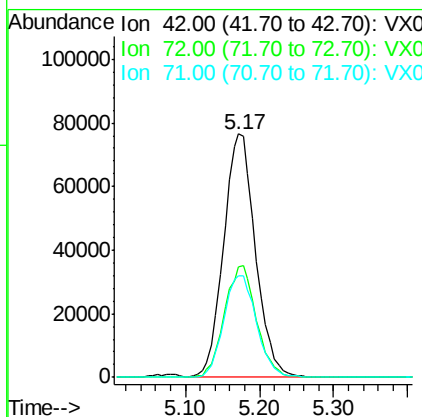
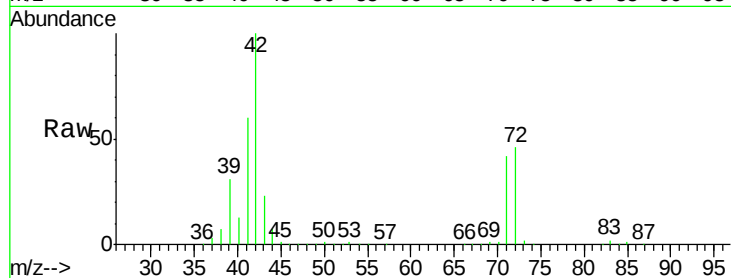
#29
Tetrahydrofuran
Concen: 249.77 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.9	56.9
71	43.2	34.4	51.6

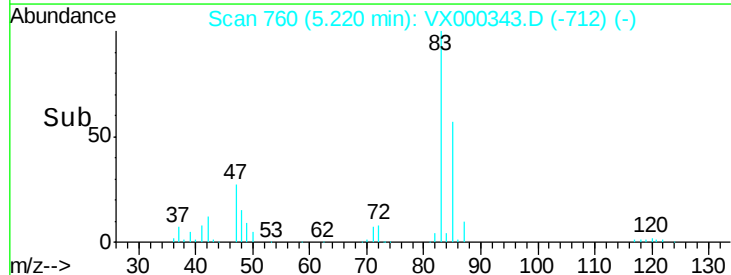
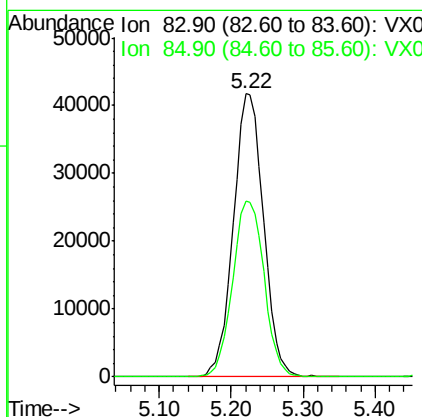
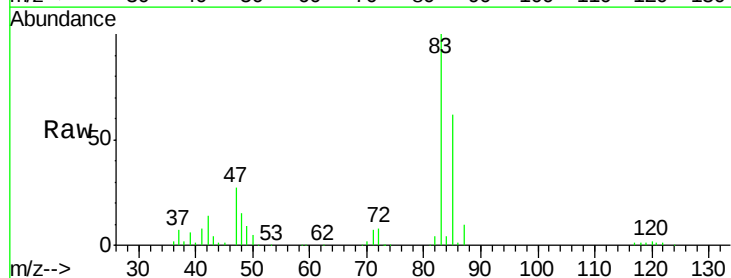
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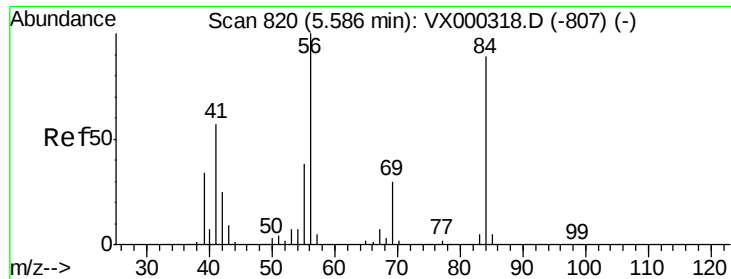
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#30
Chloroform
Concen: 49.30 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	53.3	79.9





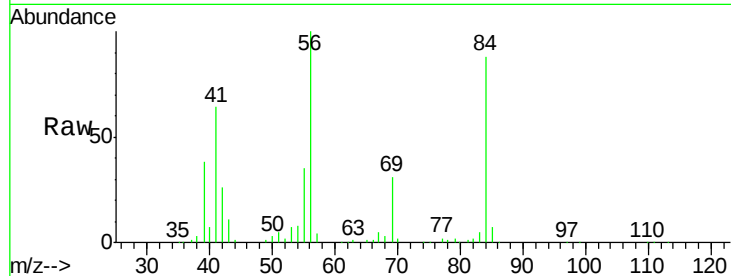
#31
Cyclohexane
Concen: 48.75 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

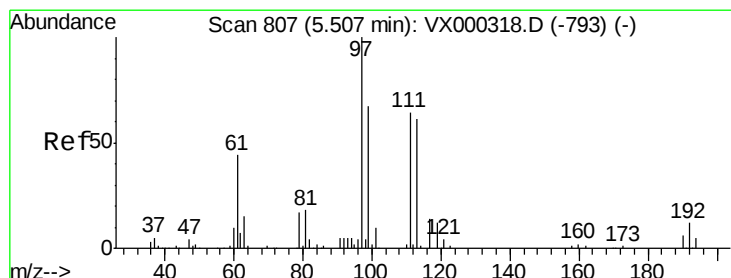
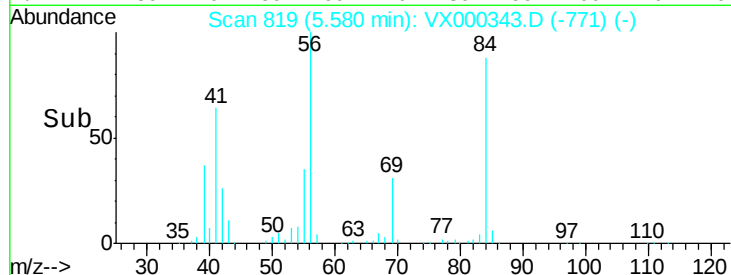
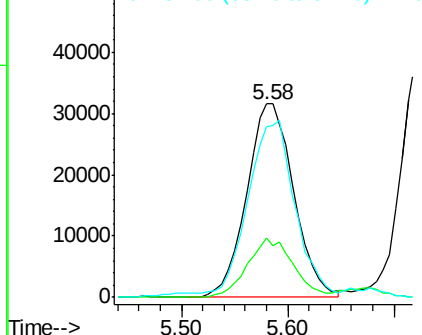
Tgt Ion: 56 Resp: 97652
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.0
84 85.7 71.0 106.4

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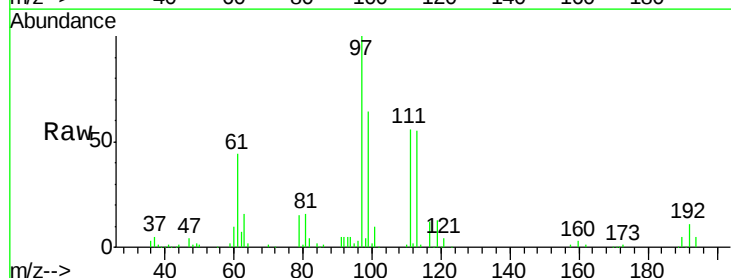


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

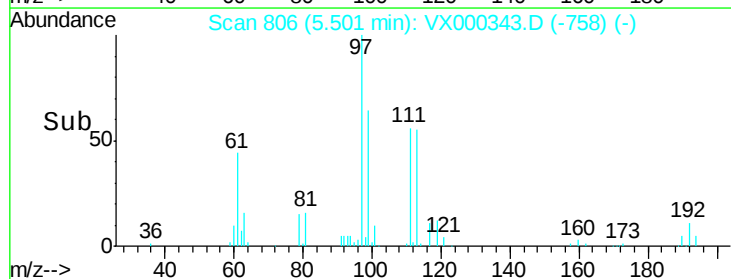
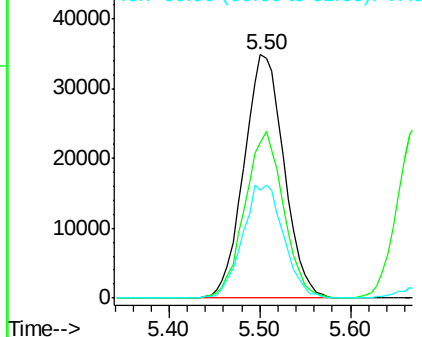


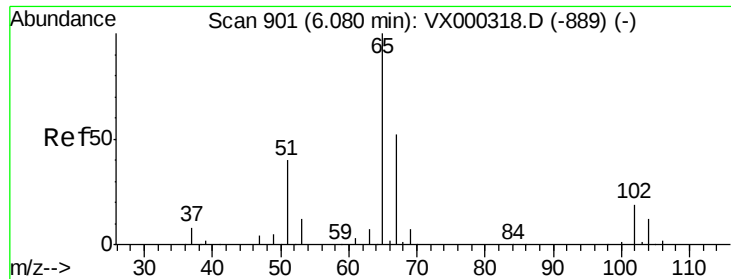
#32
1,1,1-Trichloroethane
Concen: 48.96 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion: 97 Resp: 106640
Ion Ratio Lower Upper
97 100
99 66.1 52.1 78.1
61 47.6 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





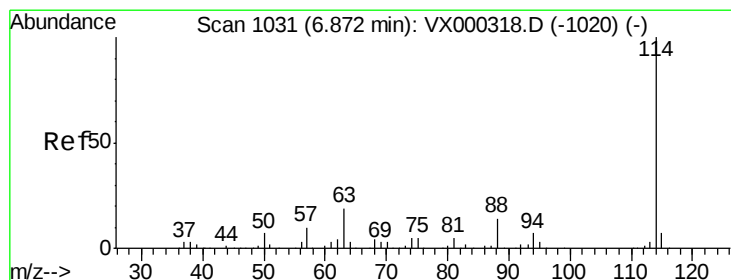
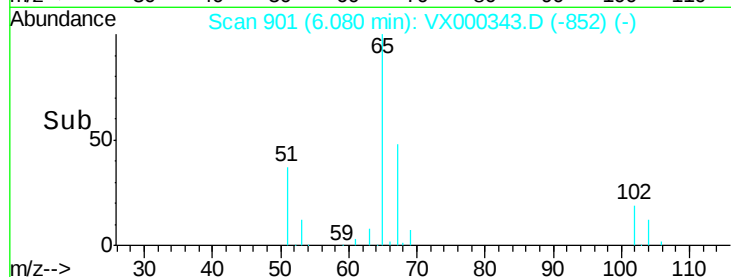
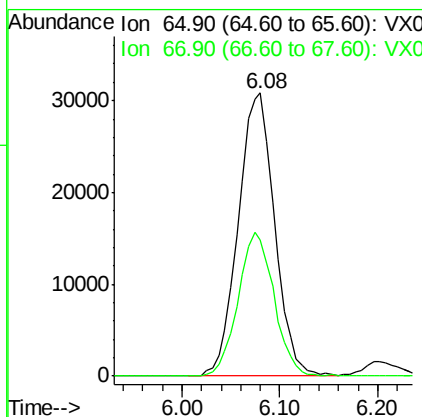
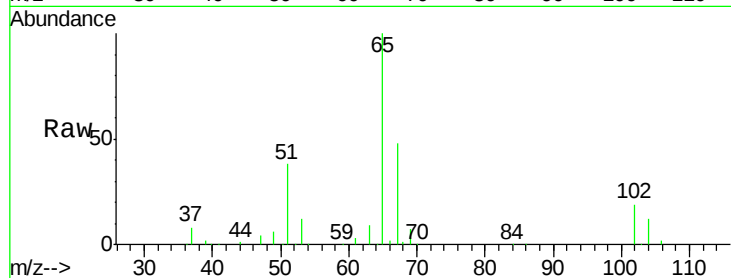
#33
 1,2-Dichloroethane-d4
 Concen: 44.94 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 79633
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.2

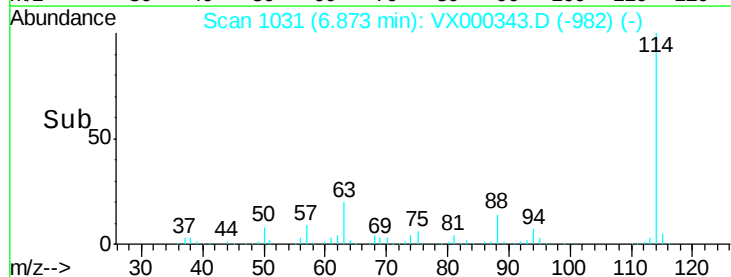
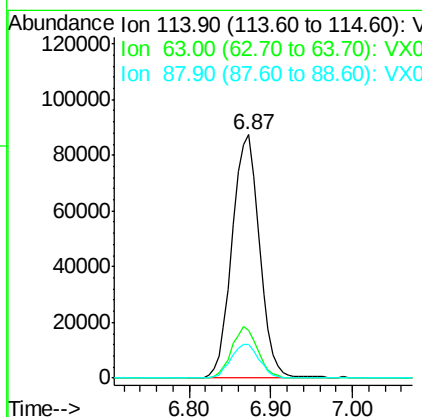
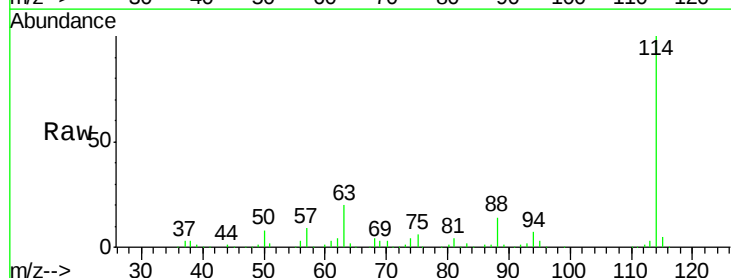
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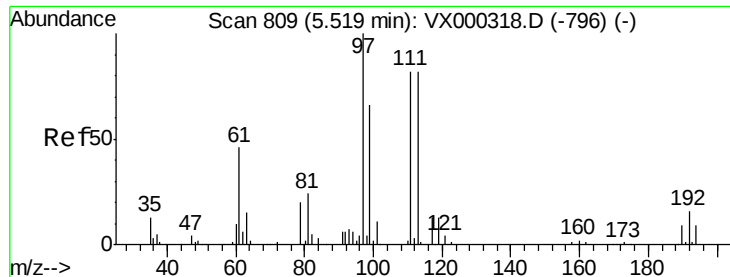
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion: 114 Resp: 203131
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 13.8 0.0 27.0





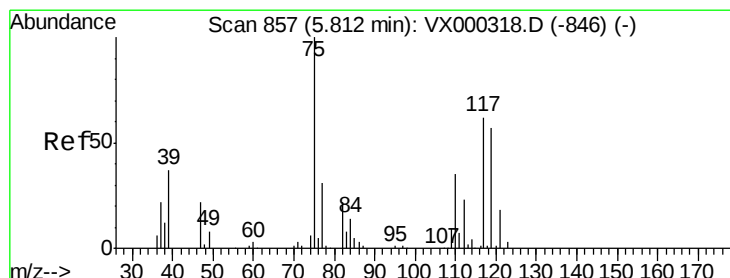
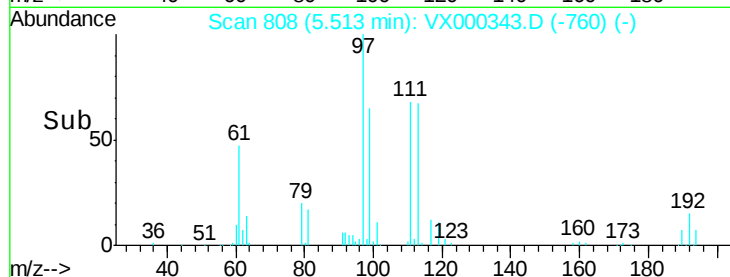
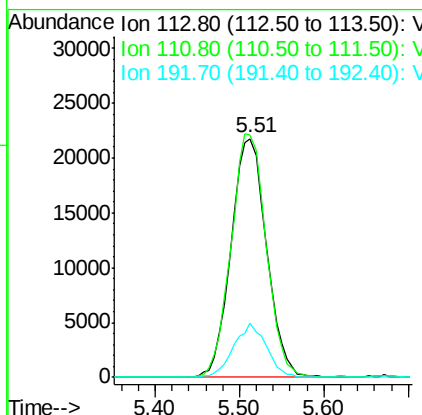
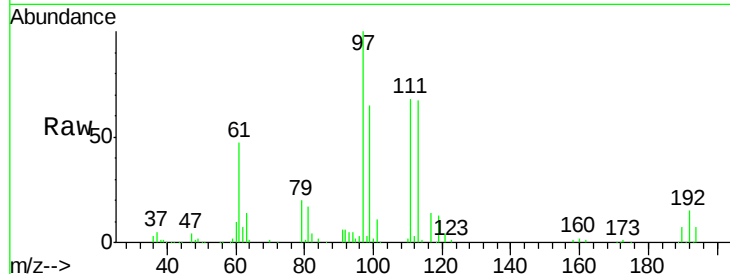
#35
 Dibromofluoromethane
 Concen: 48.43 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.4	123.6
192	20.8	15.8	23.6

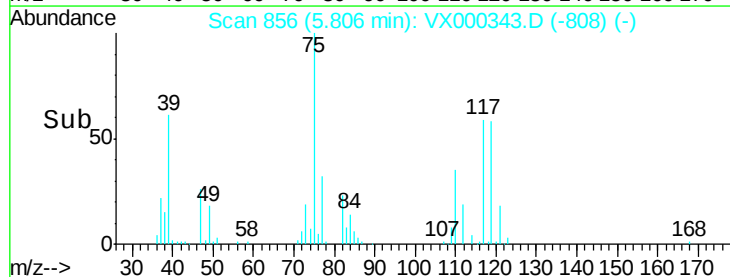
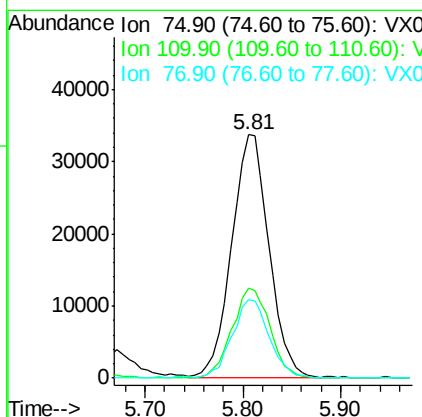
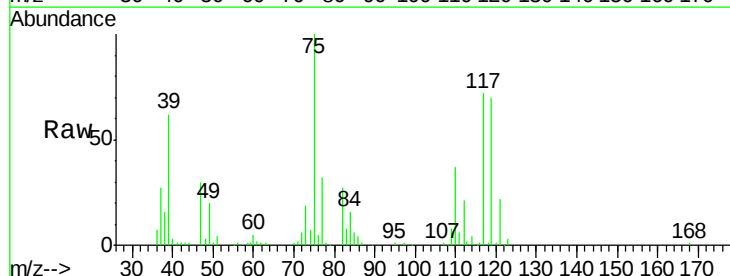
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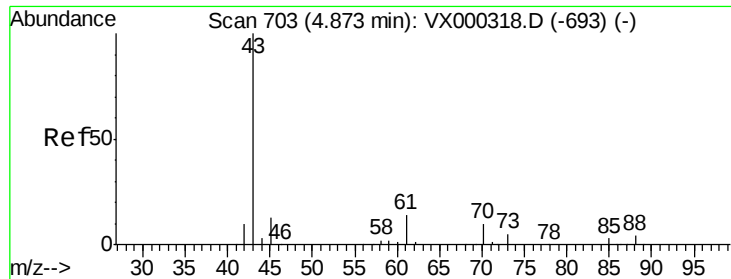
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#36
 1,1-Dichloropropene
 Concen: 48.07 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	17.9	53.7
77	32.4	24.0	36.0





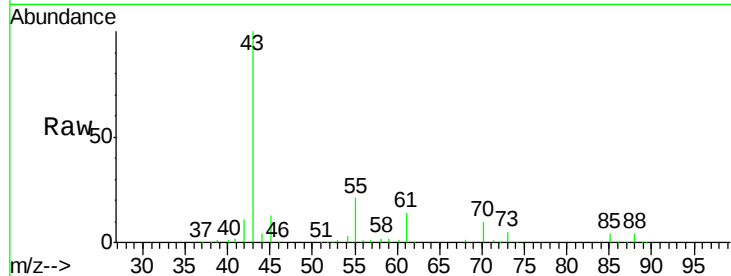
#37
Ethyl Acetate
Concen: 49.38 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

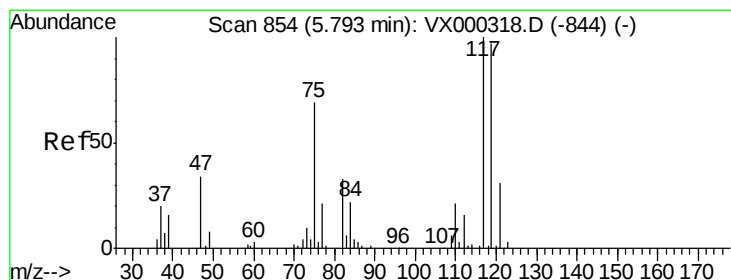
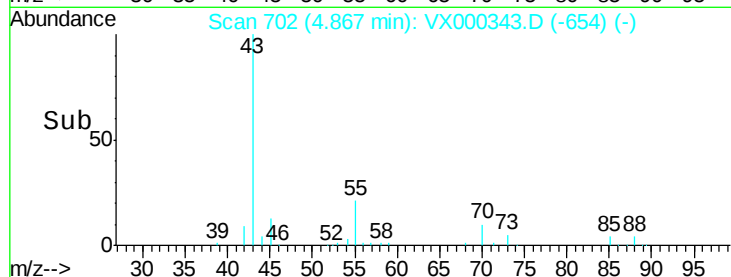
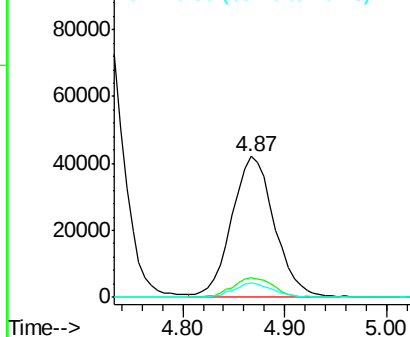
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	9.6	7.7	11.5

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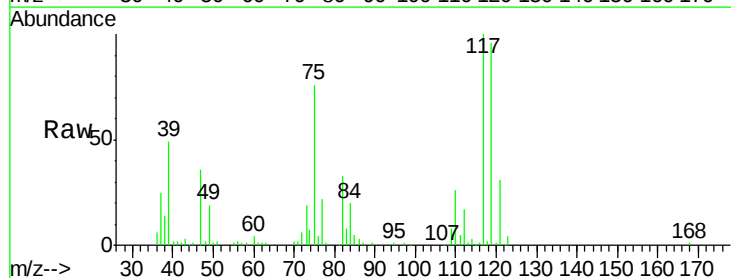


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

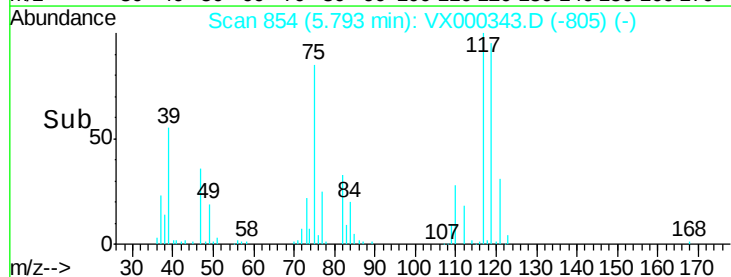
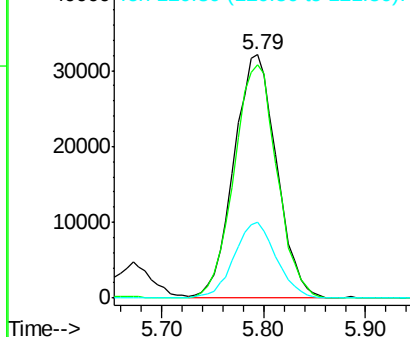


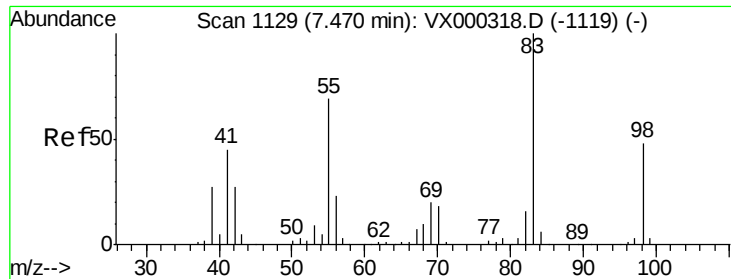
#38
Carbon Tetrachloride
Concen: 49.97 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.2
121	31.2	24.8	37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





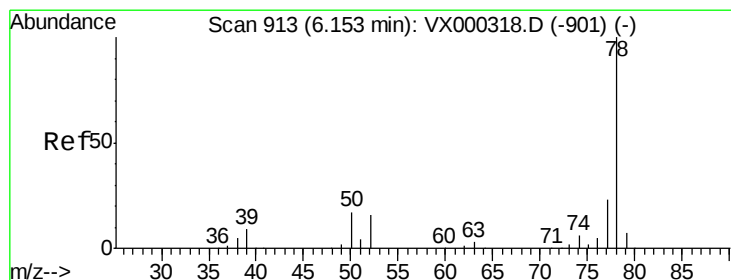
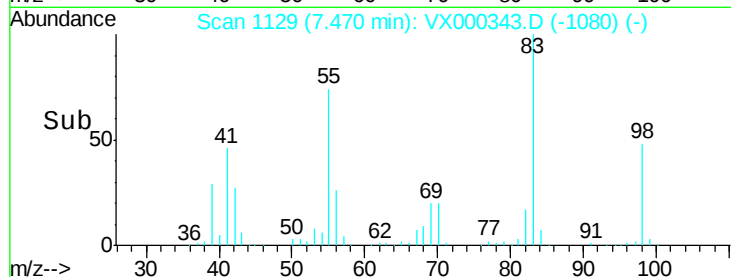
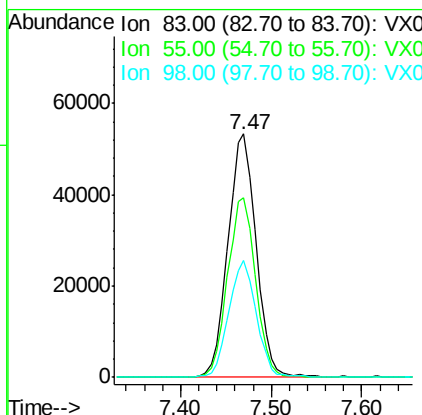
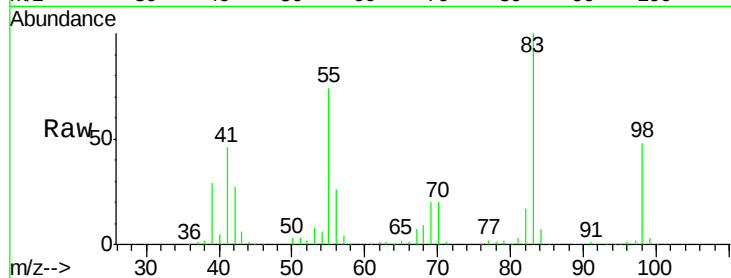
#39
Methylcyclohexane
Concen: 53.55 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.9	55.5	83.3
98	48.2	38.2	57.4

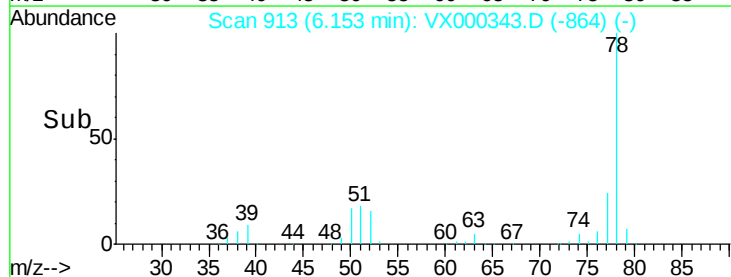
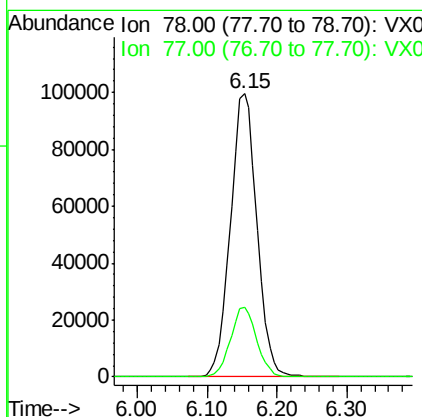
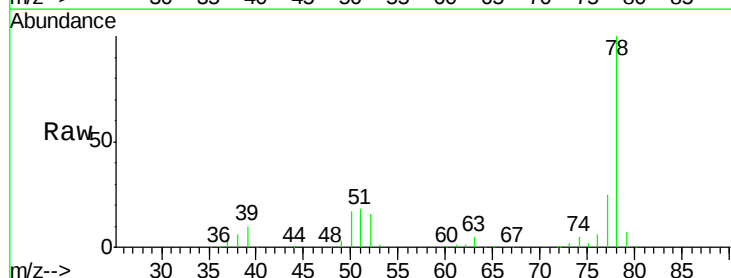
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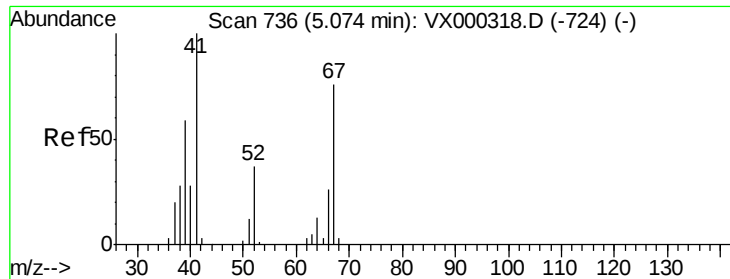
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#40
Benzene
Concen: 50.08 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.7	28.1





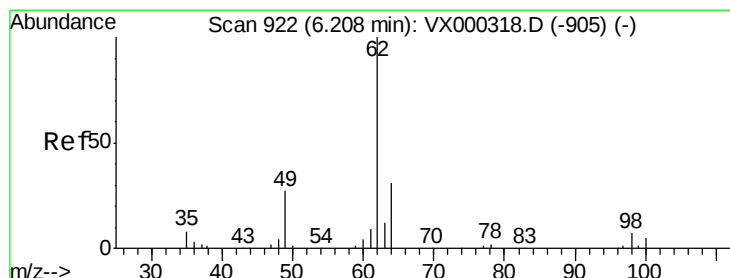
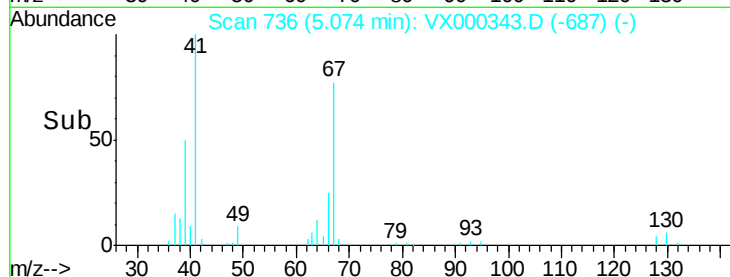
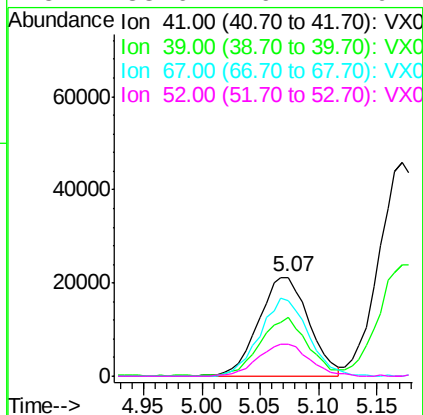
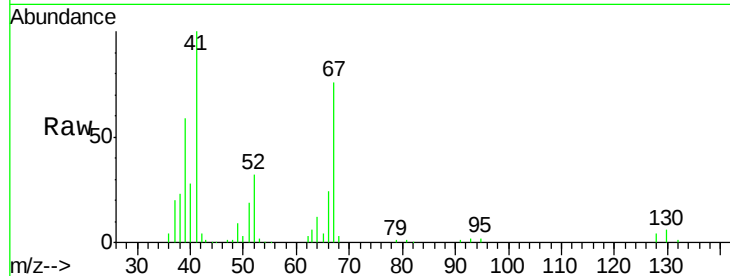
#41
Methacrylonitrile
Concen: 49.22 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	45.7	68.5	
67	75.8	57.8	86.8	
52	33.6	26.7	40.1	

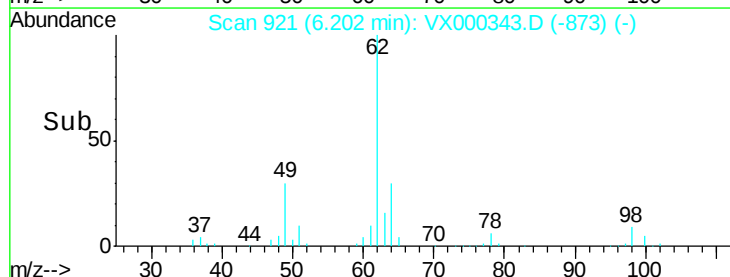
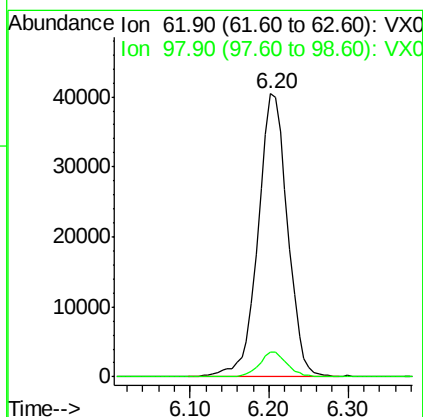
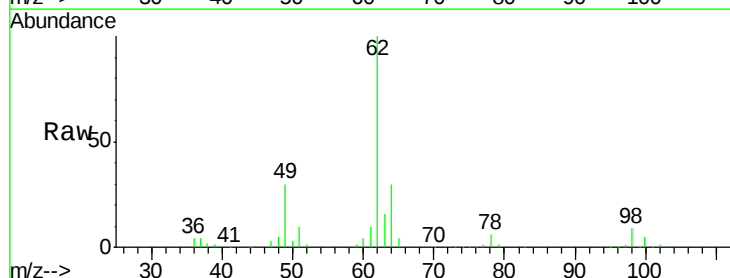
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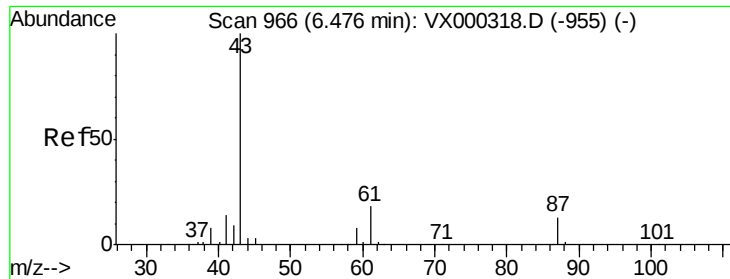
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#42
1,2-Dichloroethane
Concen: 50.75 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	15.8	





#43

Isopropyl Acetate

Concen: 53.86 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

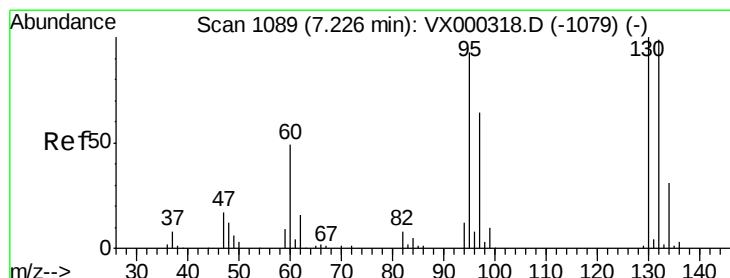
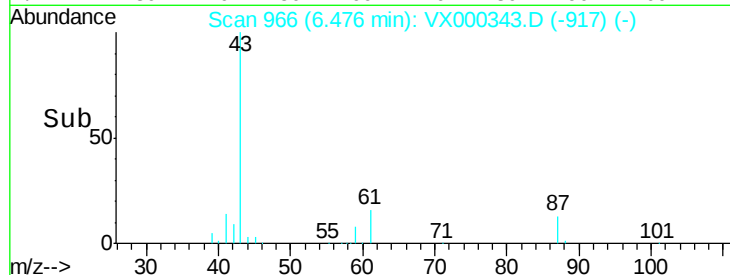
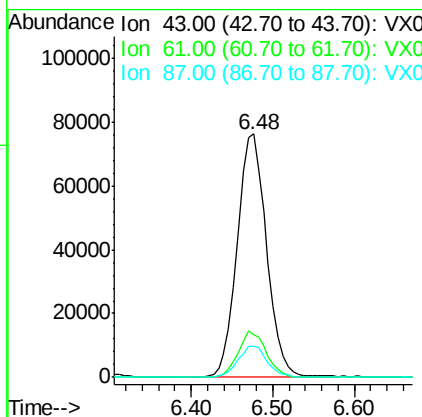
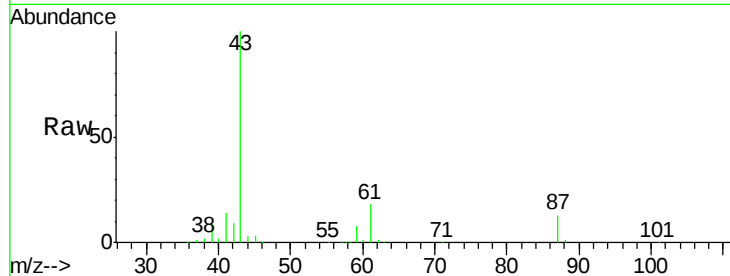
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	190684
Ion Ratio		Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.8	11.0	16.4

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#44

Trichloroethene

Concen: 49.78 ug/l

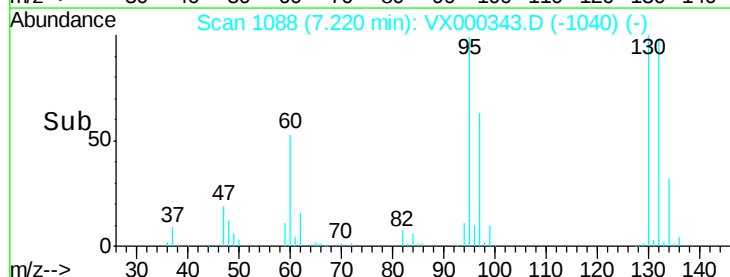
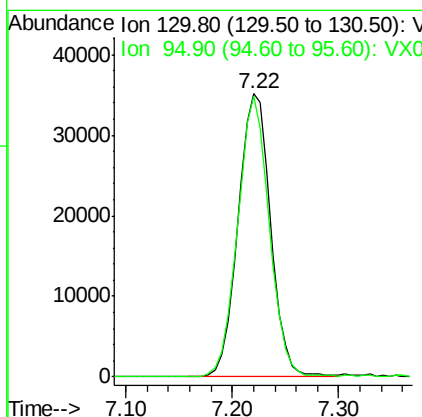
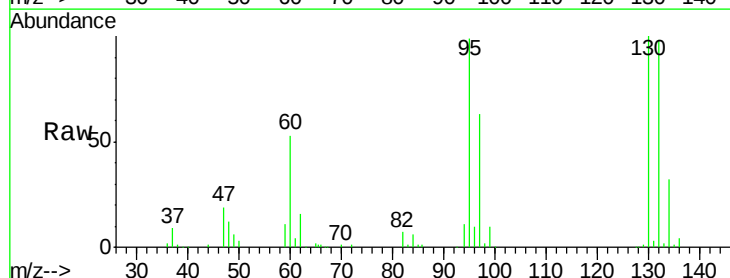
RT: 7.22 min Scan# 1088

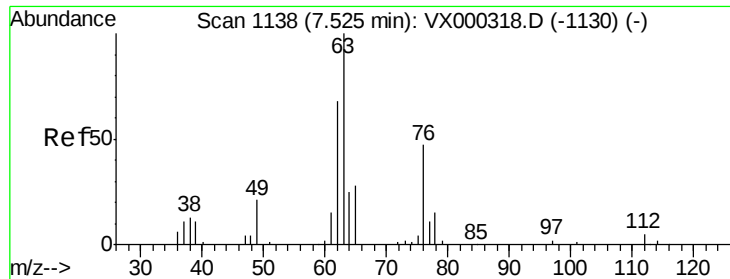
Delta R.T. -0.01 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Tgt Ion:	130	Resp:	75524
Ion Ratio		Lower	Upper
130	100		
95	99.0	0.0	186.0





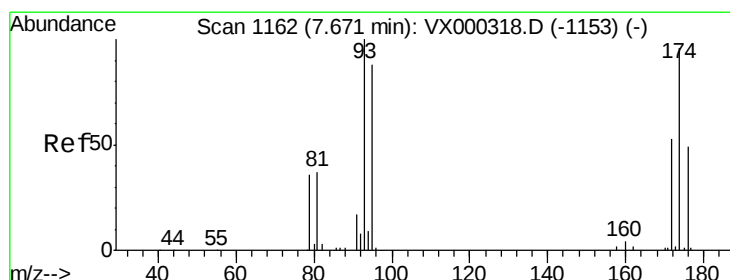
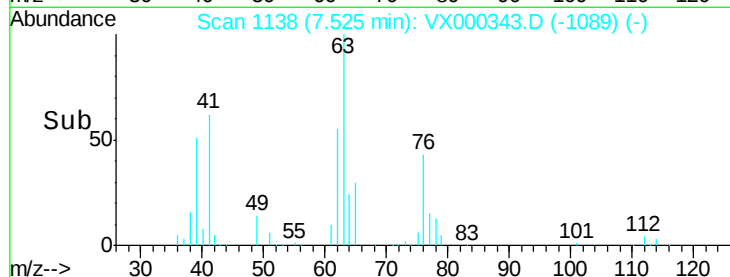
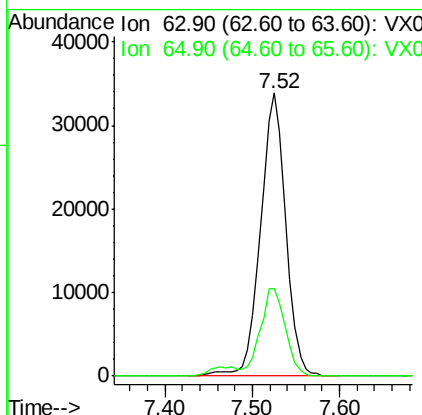
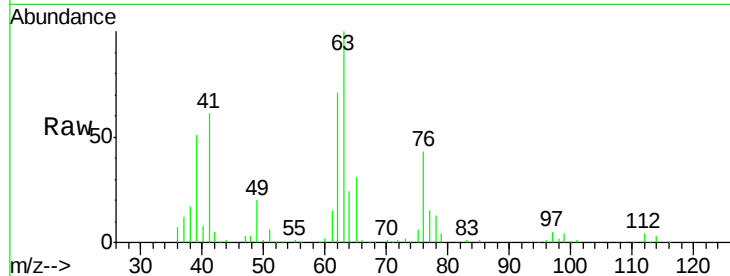
#45
 1,2-Dichloropropane
 Concen: 53.02 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 68470
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8

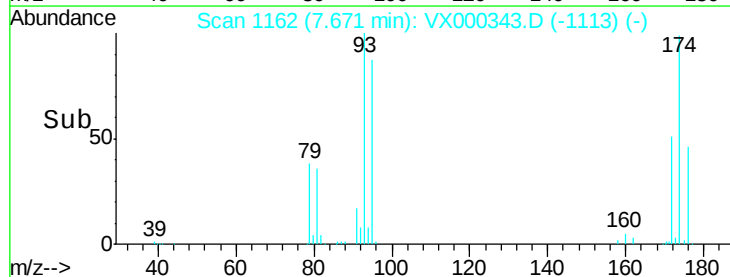
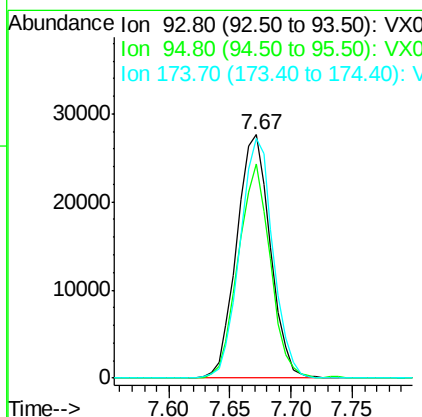
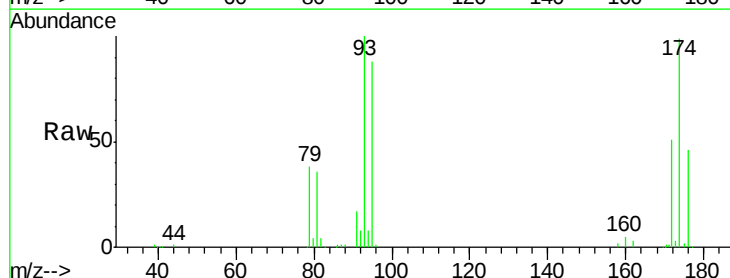
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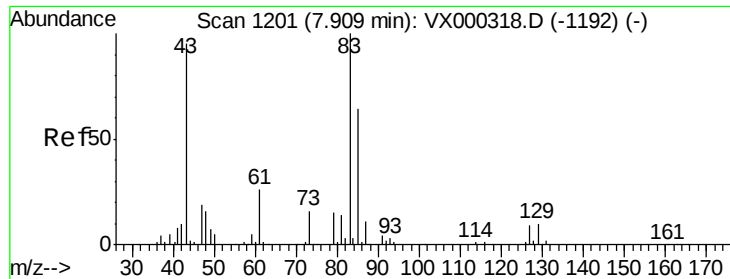
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#46
 Dibromomethane
 Concen: 50.80 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion: 93 Resp: 52700
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.5 99.7
 174 97.0 76.0 114.0





#47

Bromodichloromethane

Concen: 53.64 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

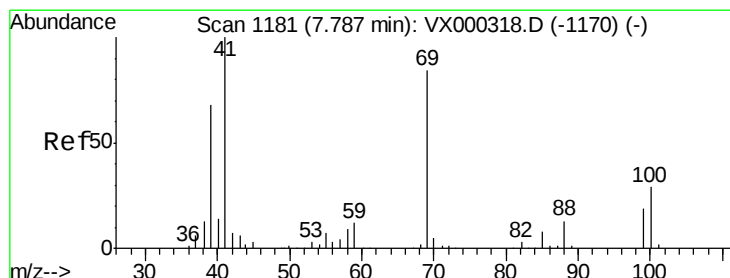
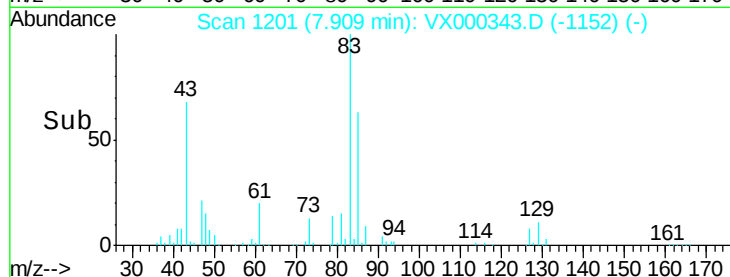
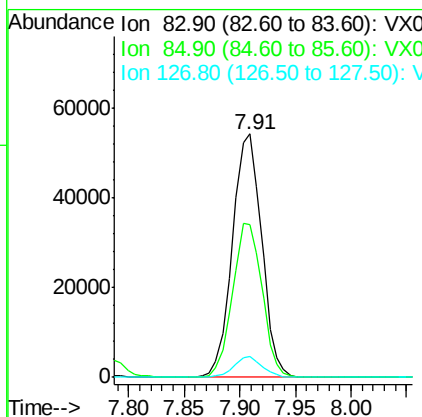
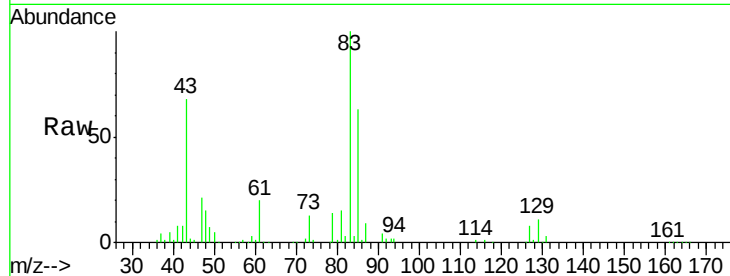
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	98786
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.0
127	8.5	7.0	10.6

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#48

Methyl methacrylate

Concen: 52.01 ug/l

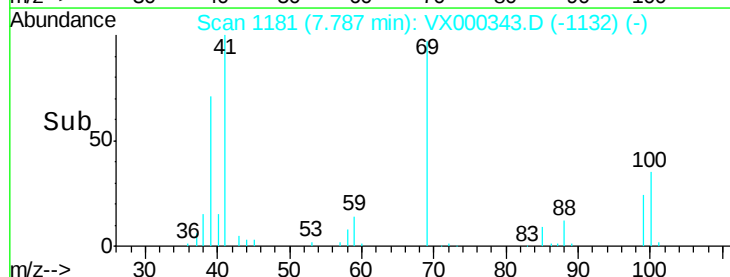
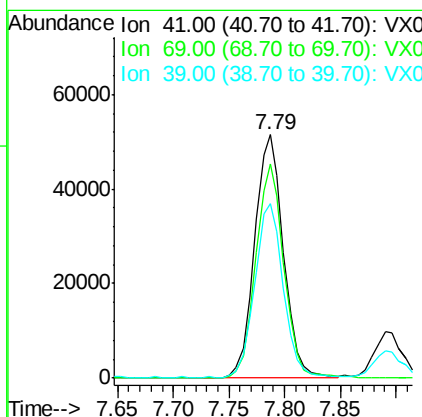
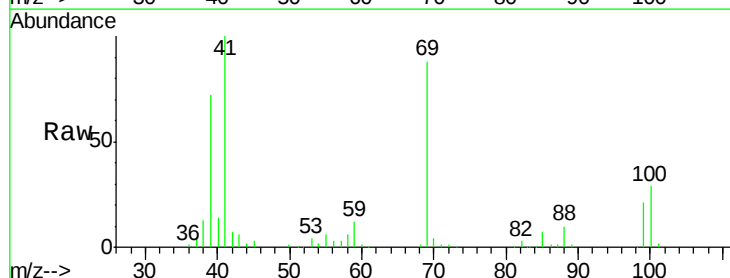
RT: 7.79 min Scan# 1181

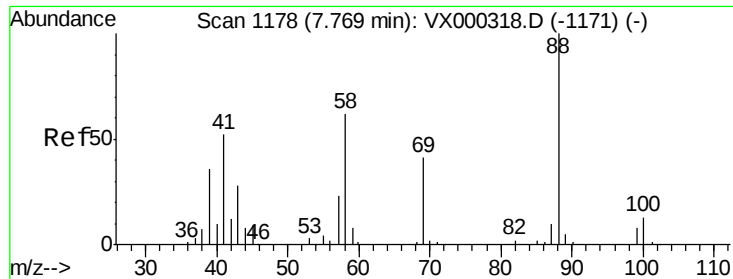
Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Tgt Ion:	41	Resp:	93109
Ion	Ratio	Lower	Upper
41	100		
69	85.9	68.2	102.4
39	70.6	54.6	81.8





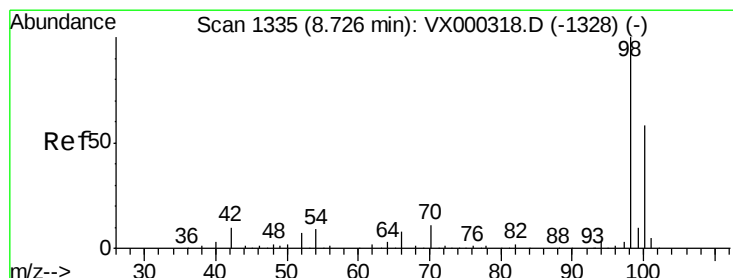
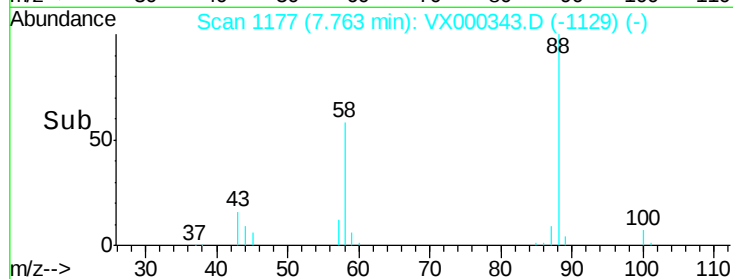
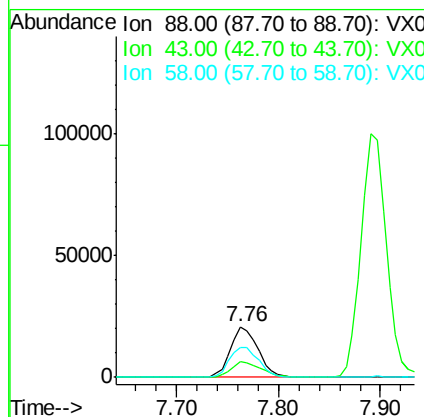
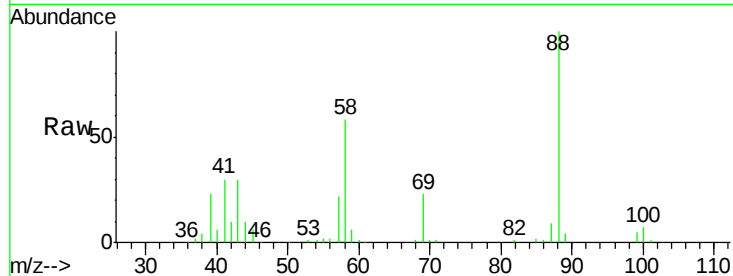
#49
1,4-Dioxane
Concen: 966.85 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.1	26.8	40.2
58	64.2	52.2	78.2

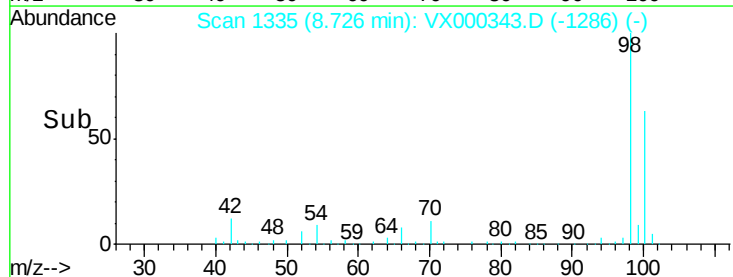
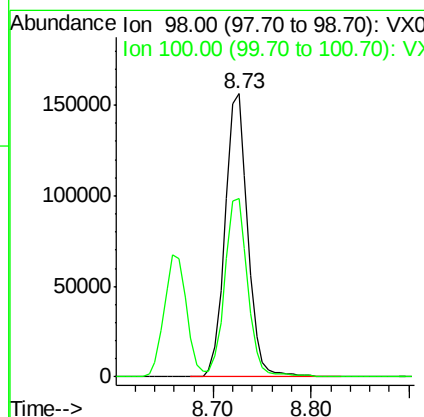
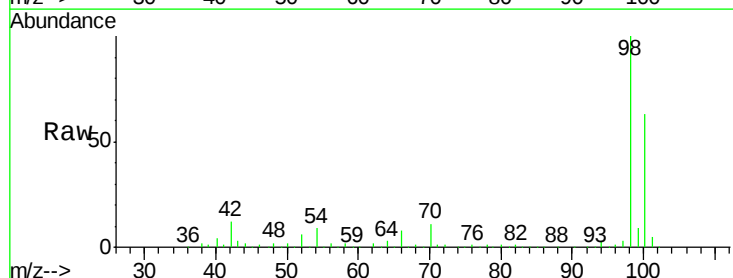
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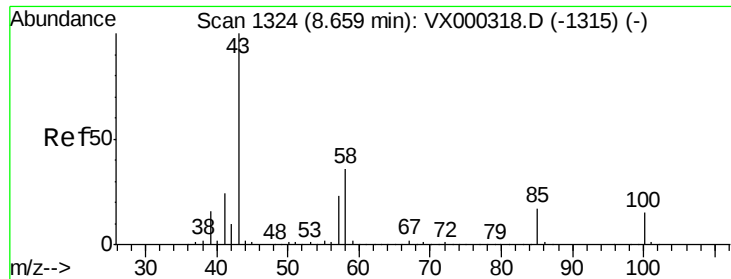
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#50
Toluene-d8
Concen: 46.93 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 268.58 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 738428

Ion Ratio Lower Upper

43 100

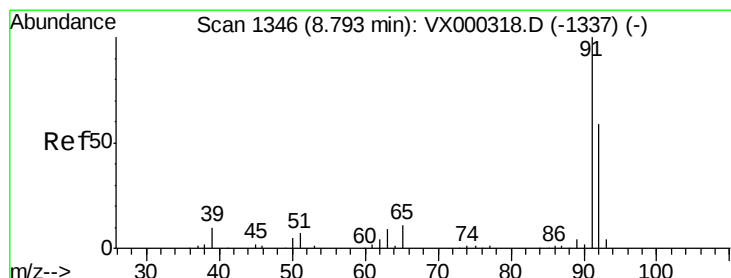
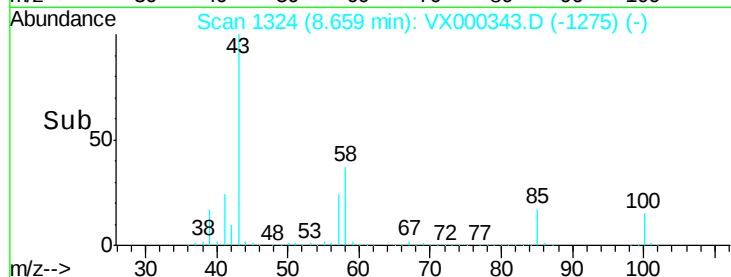
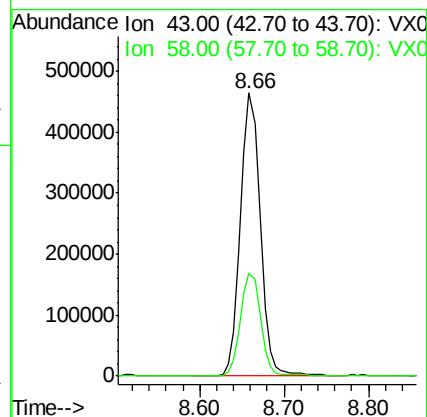
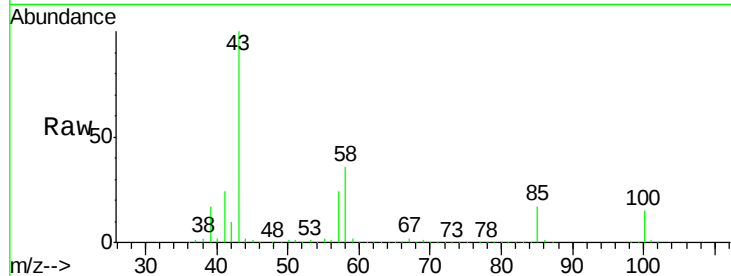
58 37.4 30.3 45.5

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#52

Toluene

Concen: 50.07 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000343.D

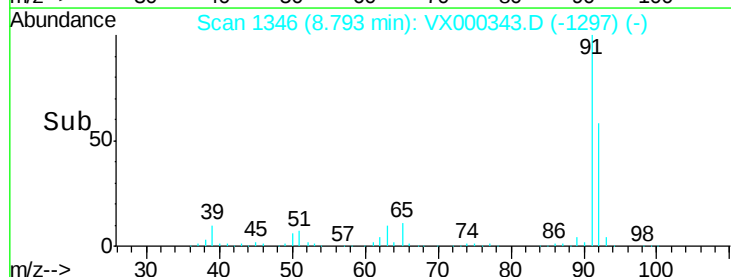
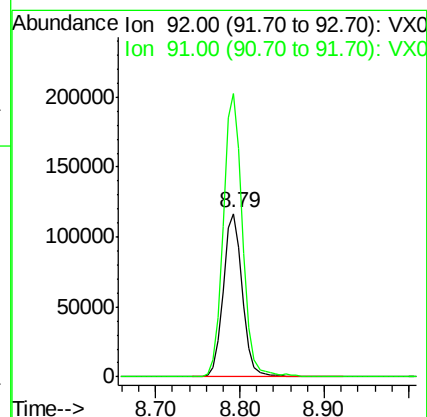
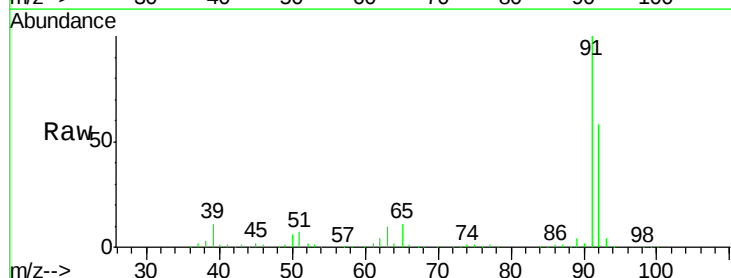
Acq: 16 Mar 2018 12:40

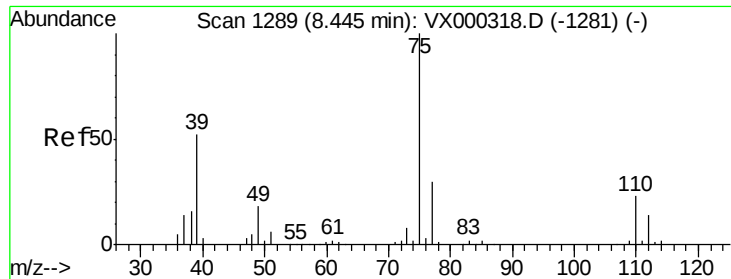
Tgt Ion: 92 Resp: 184180

Ion Ratio Lower Upper

92 100

91 173.7 140.2 210.2





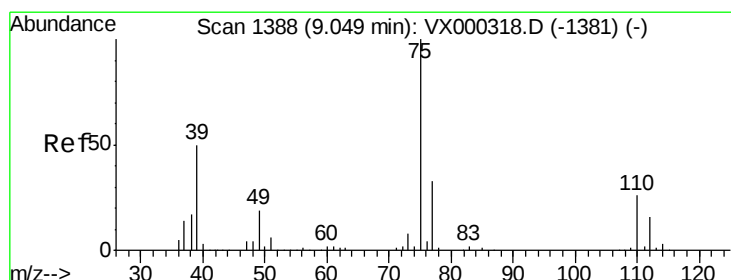
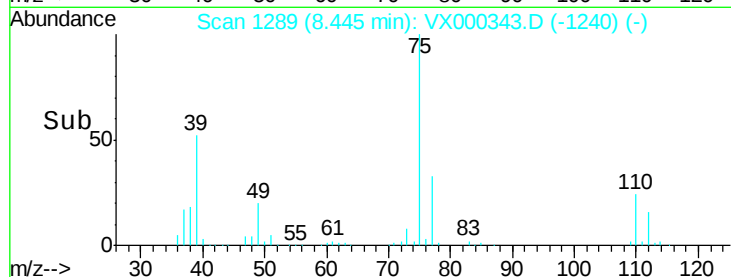
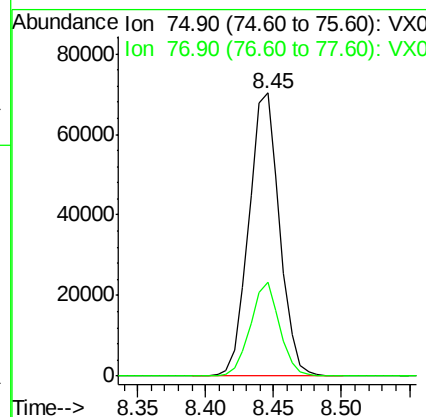
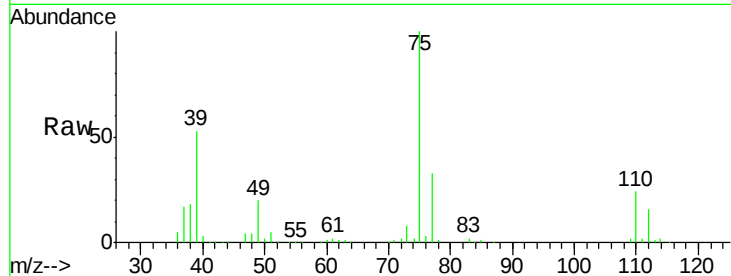
#53
t-1,3-Dichloropropene
Concen: 52.19 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 110918
Ion Ratio Lower Upper
75 100
77 33.3 24.0 36.0

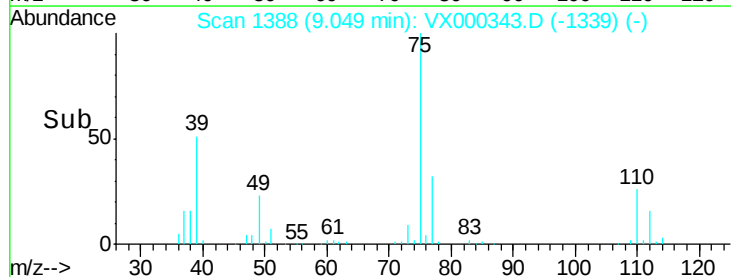
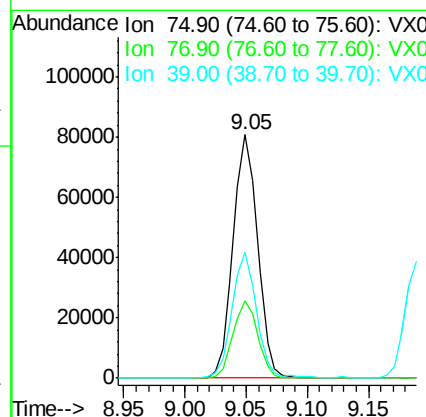
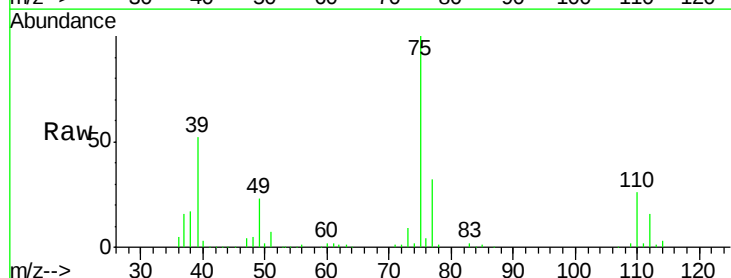
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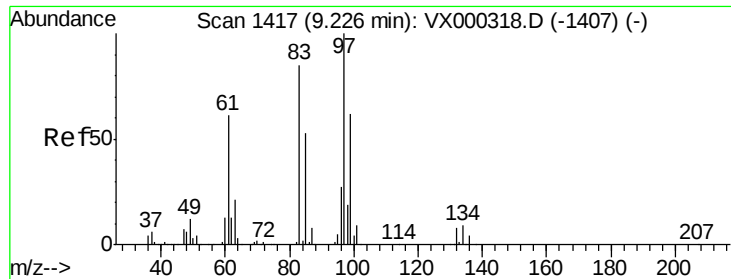
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#54
cis-1,3-Dichloropropene
Concen: 53.88 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion: 75 Resp: 111981
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 51.7 39.8 59.6





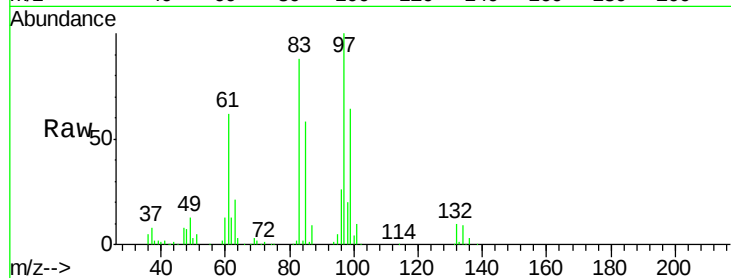
#55
 1,1,2-Trichloroethane
 Concen: 50.47 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

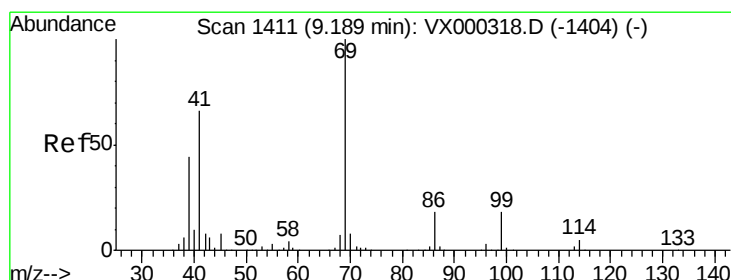
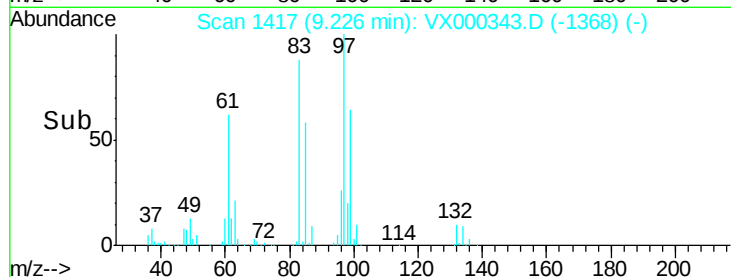
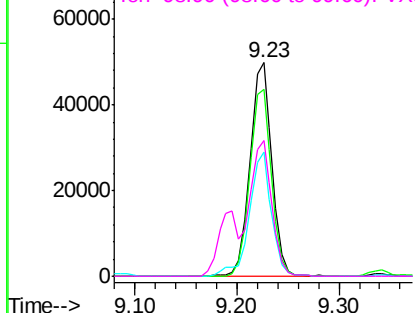
Tgt Ion:	97	Resp:	74484
Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.9	101.9
85	58.1	42.8	64.2
99	63.6	49.4	74.2

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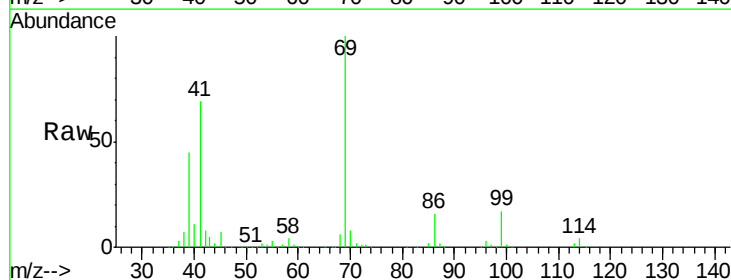


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

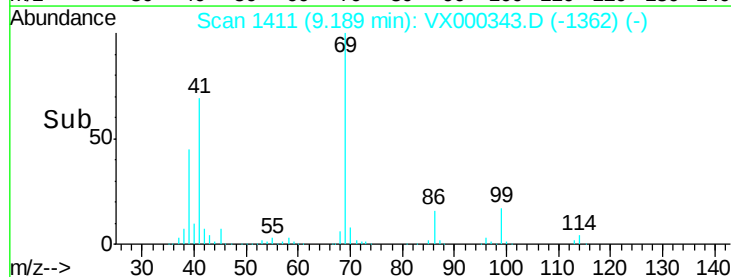
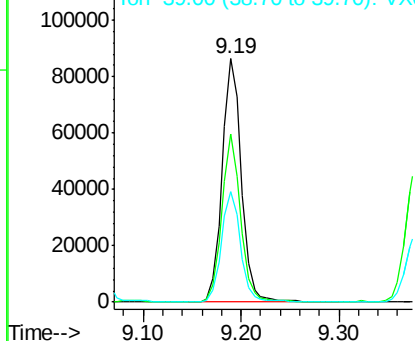


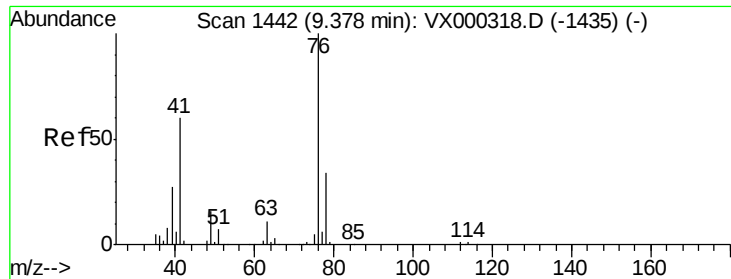
#56
 Ethyl methacrylate
 Concen: 54.08 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion:	69	Resp:	118187
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.0	79.6
39	45.1	35.3	52.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





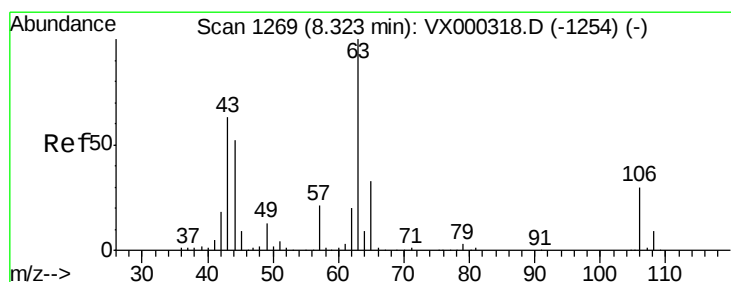
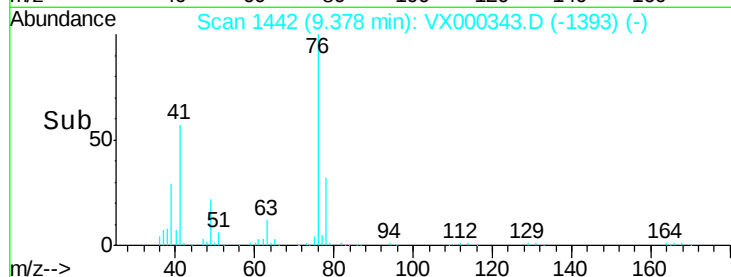
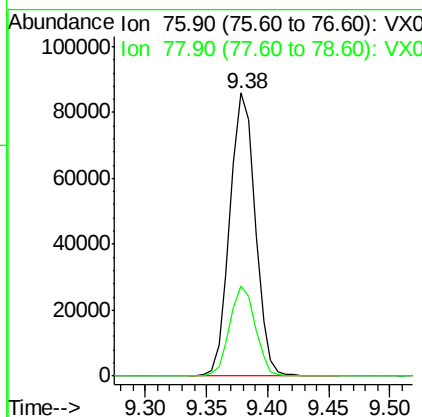
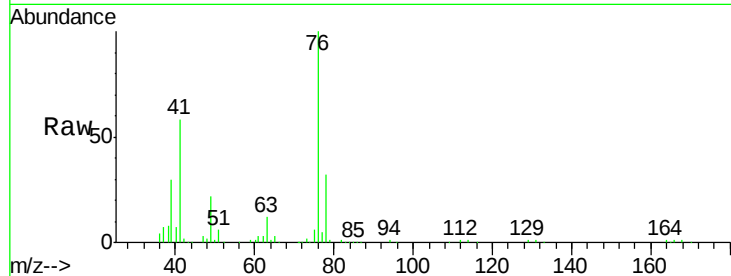
#57
 1,3-Dichloropropane
 Concen: 51.61 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 123389
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.4 39.6

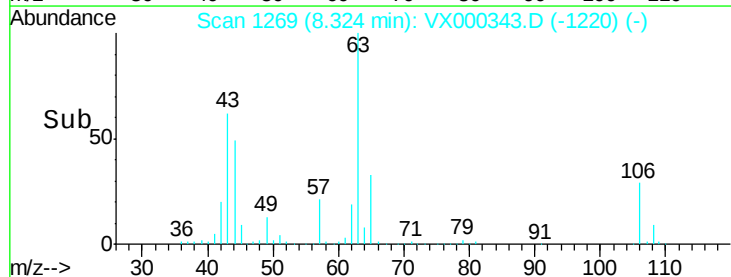
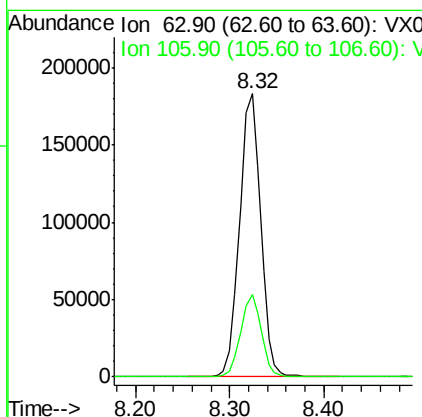
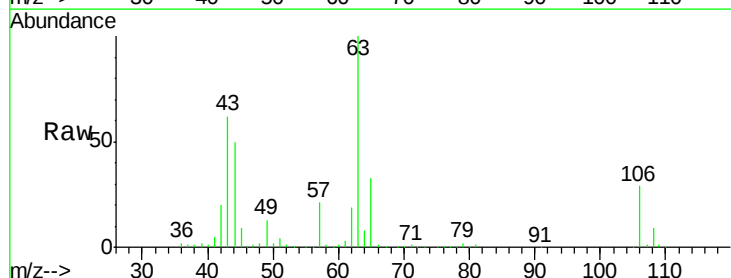
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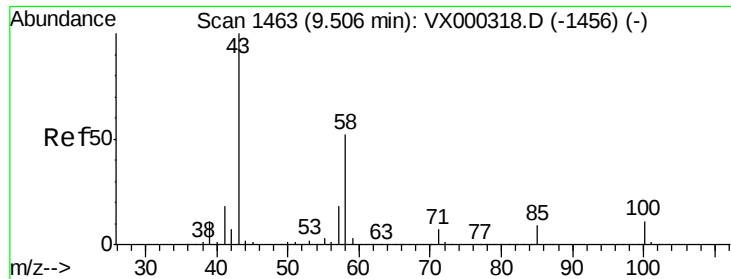
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 306.04 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion: 63 Resp: 286496
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





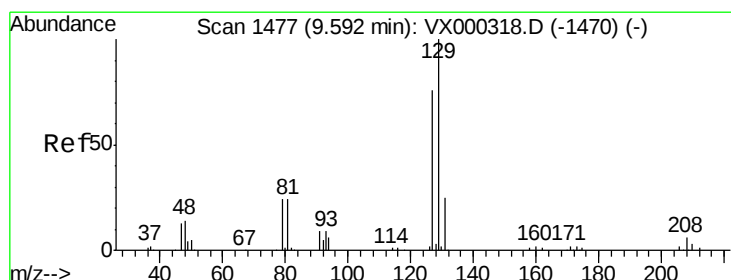
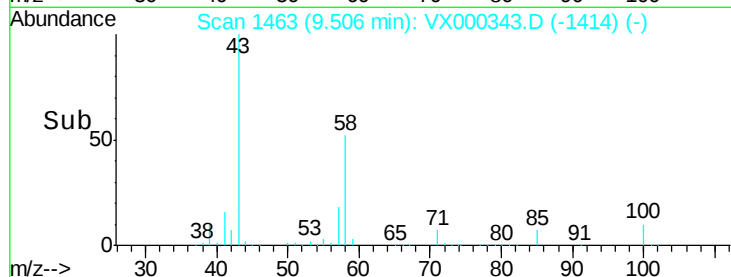
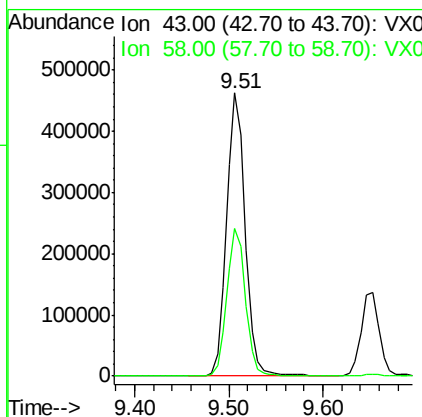
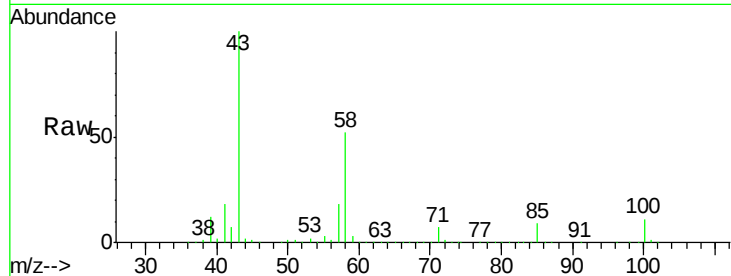
#59
2-Hexanone
Concen: 273.50 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 633530
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7

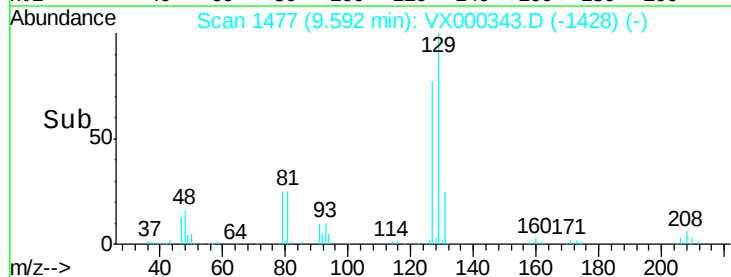
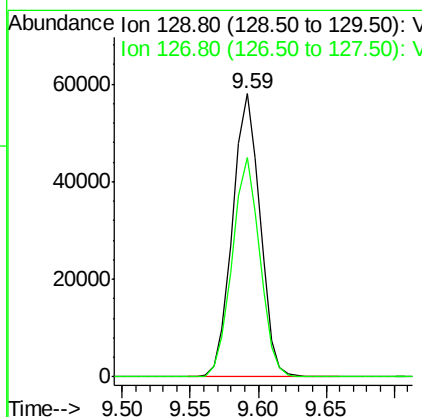
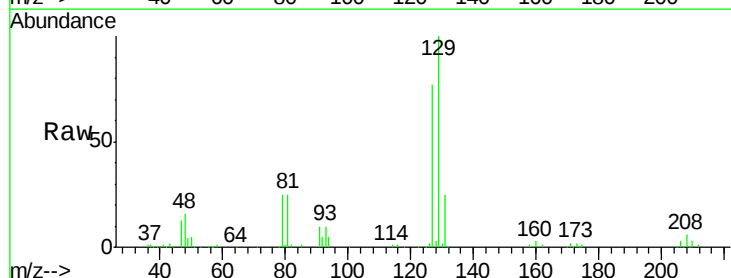
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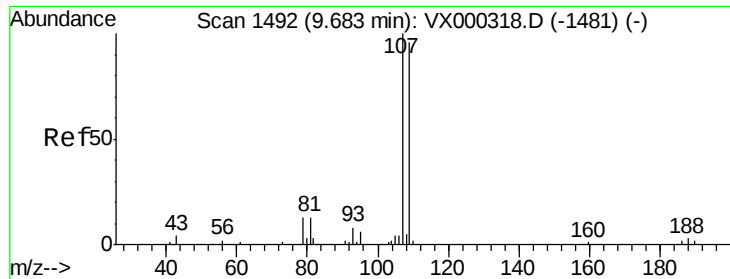
apatel
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#60
Dibromochloromethane
Concen: 52.61 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion: 129 Resp: 82105
Ion Ratio Lower Upper
129 100
127 77.3 37.9 113.6





#61

1,2-Dibromoethane

Concen: 50.20 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 82127

Ion Ratio Lower Upper

107 100

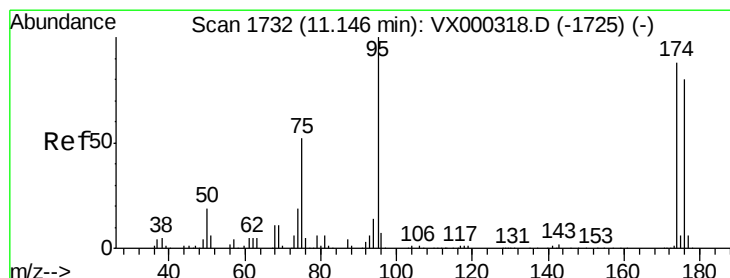
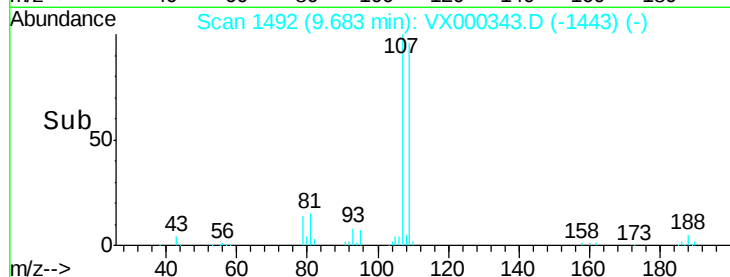
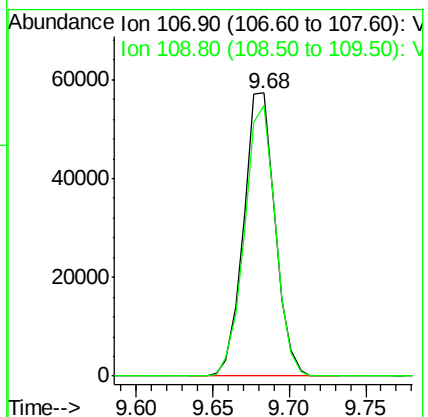
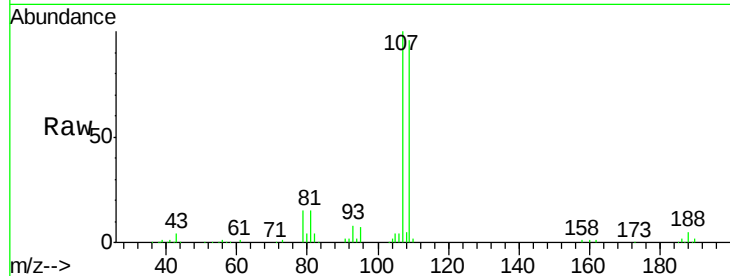
109 94.2 76.1 114.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.29 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

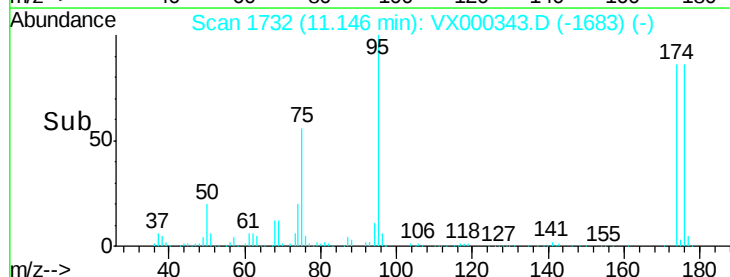
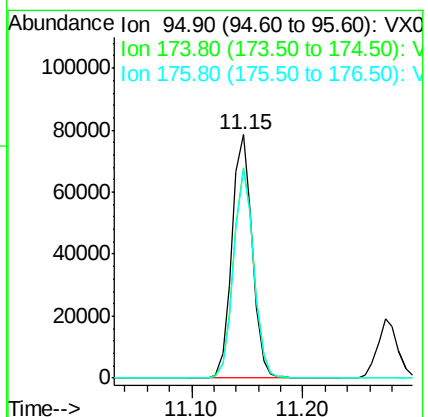
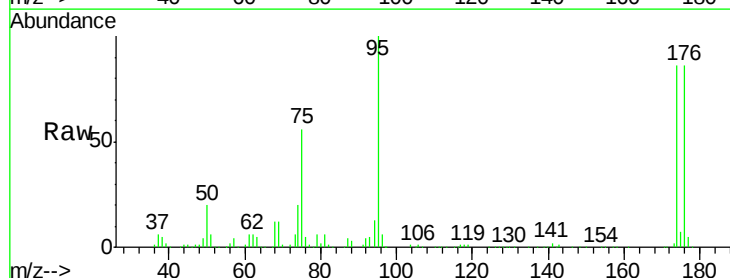
Tgt Ion: 95 Resp: 99244

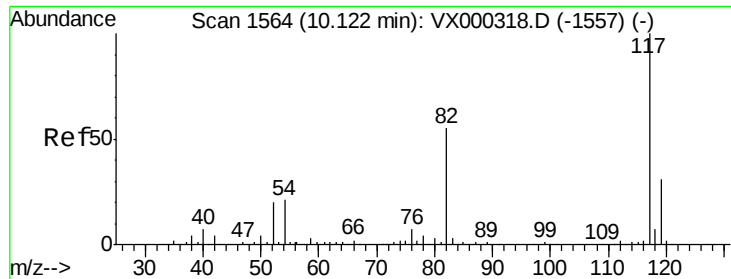
Ion Ratio Lower Upper

95 100

174 86.1 0.0 173.6

176 85.1 0.0 164.6





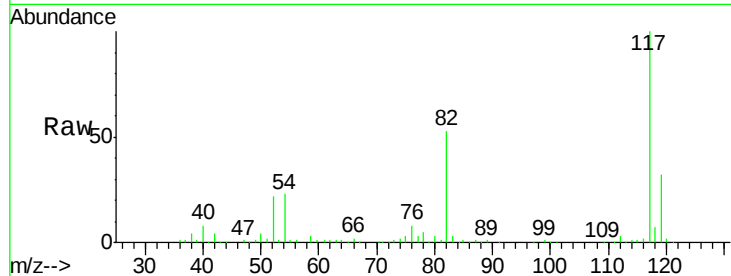
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	198708		
82	52.7	43.8	65.8	
119	31.9	24.9	37.3	

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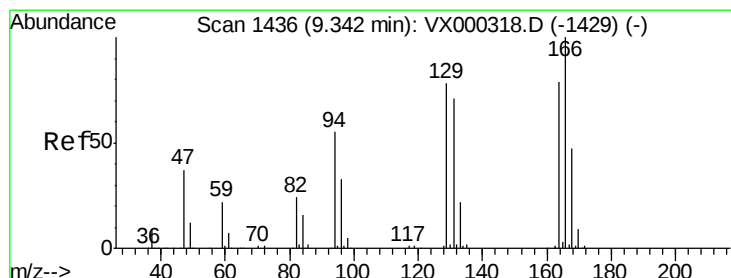
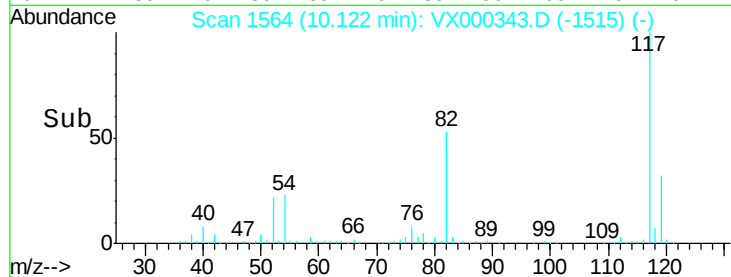
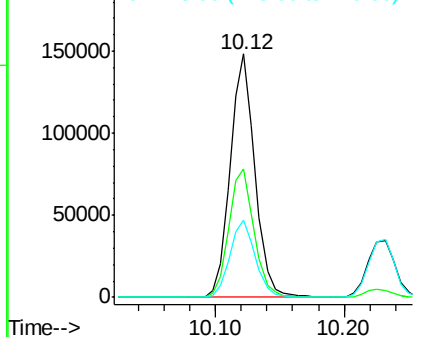


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 59.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75261		
166	127.4	101.0	151.6	
129	95.7	79.0	118.4	
131	92.3	71.9	107.9	

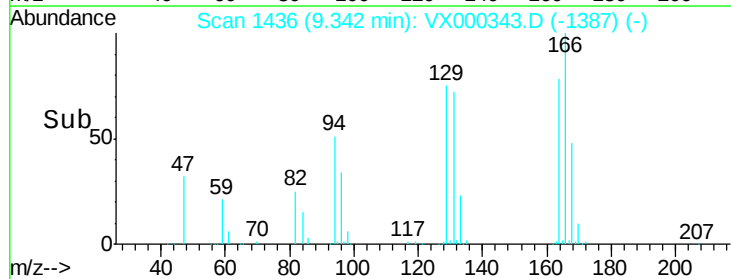
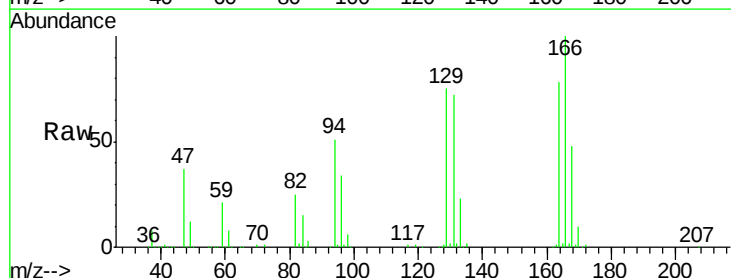
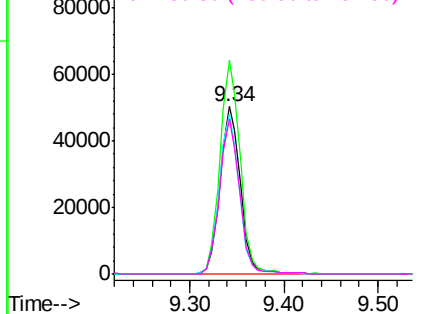
Abundance

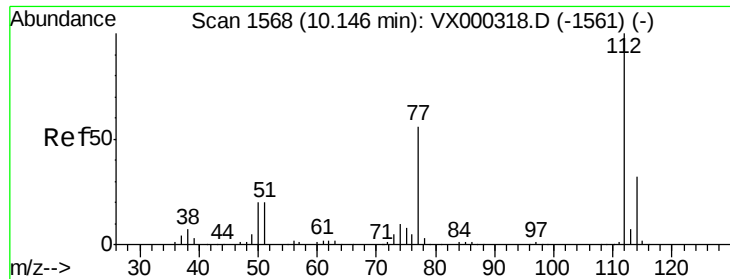
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





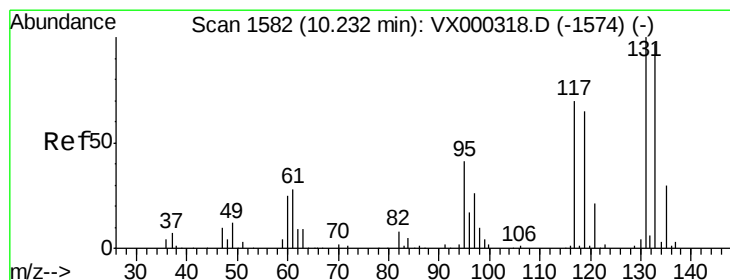
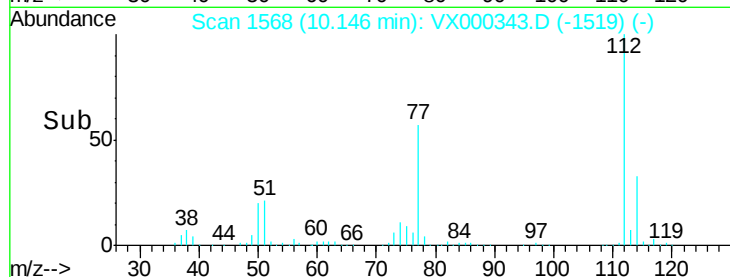
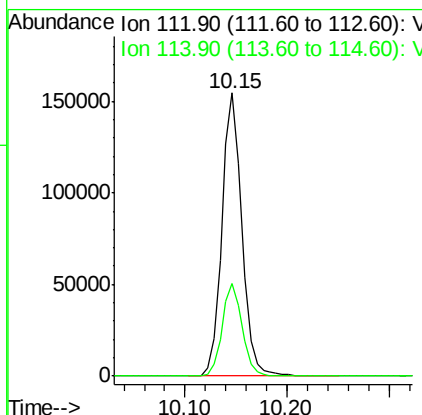
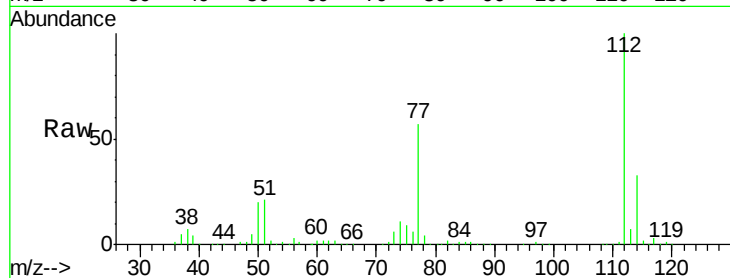
#65
Chlorobenzene
Concen: 52.08 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 210726
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

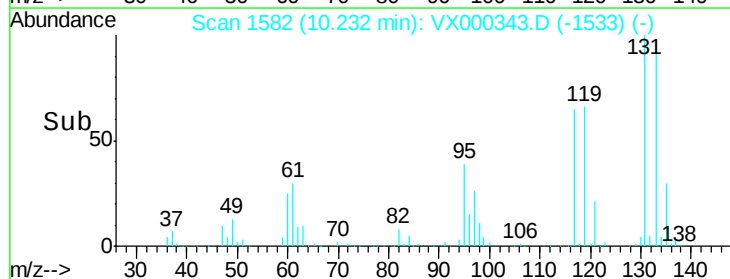
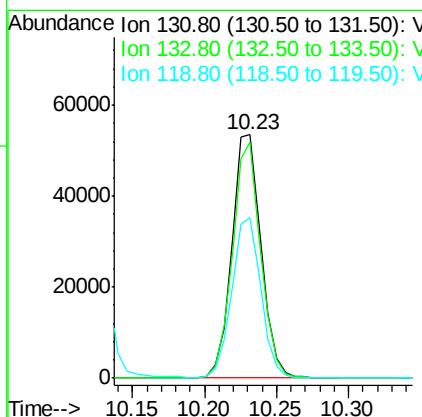
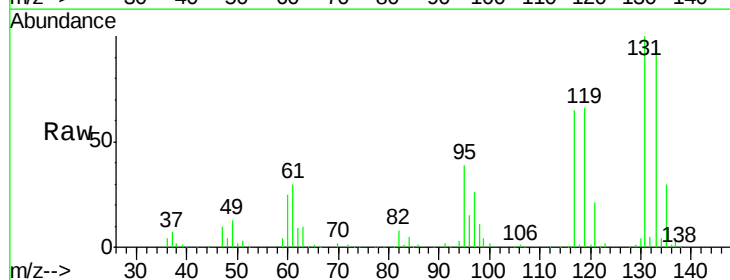
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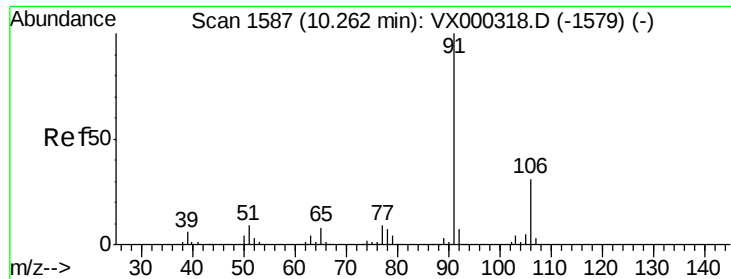
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.82 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion:131 Resp: 75972
Ion Ratio Lower Upper
131 100
133 93.7 47.1 141.3
119 65.7 33.1 99.2





#67

Ethyl Benzene

Concen: 54.08 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 373120

Ion Ratio Lower Upper

91 100

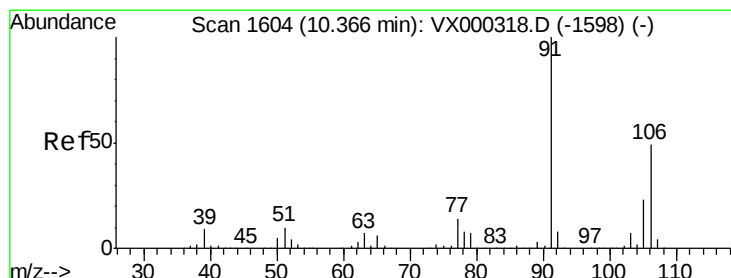
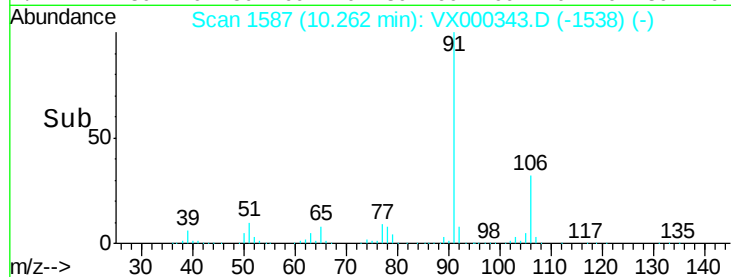
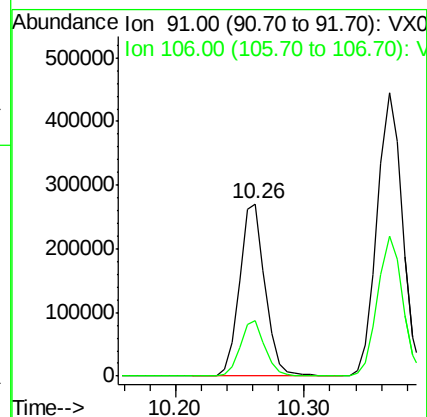
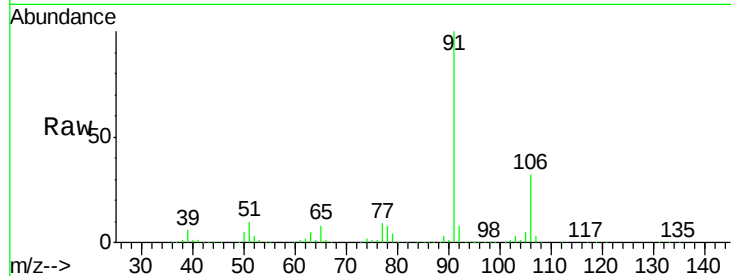
106 32.3 25.0 37.6

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#68

m/p-Xylenes

Concen: 110.03 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000343.D

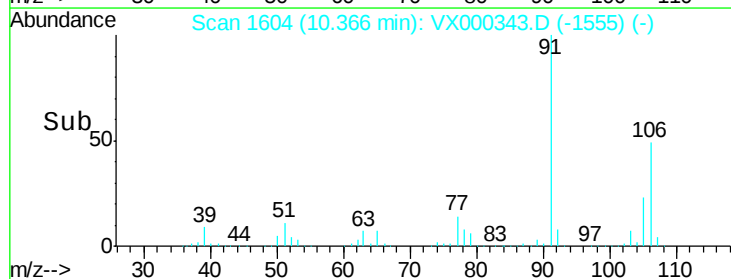
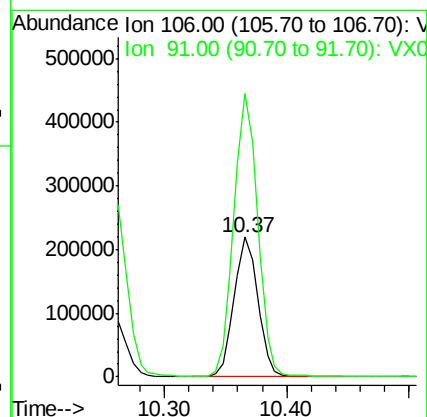
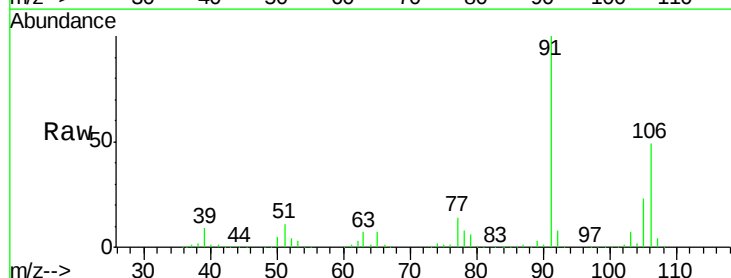
Acq: 16 Mar 2018 12:40

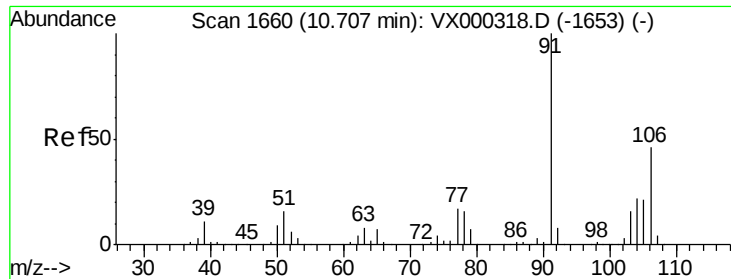
Tgt Ion: 106 Resp: 295742

Ion Ratio Lower Upper

106 100

91 204.2 163.4 245.2





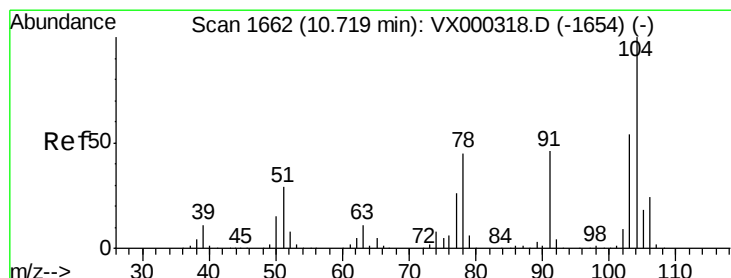
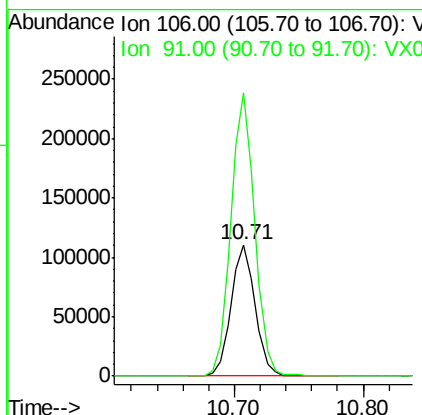
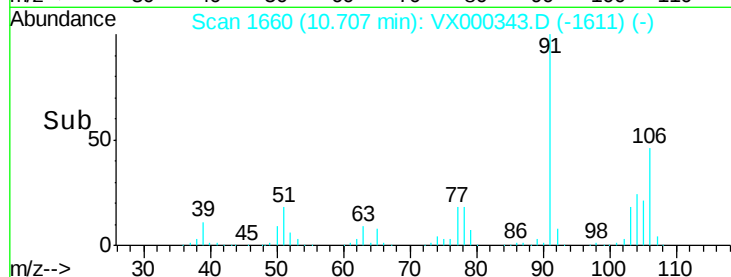
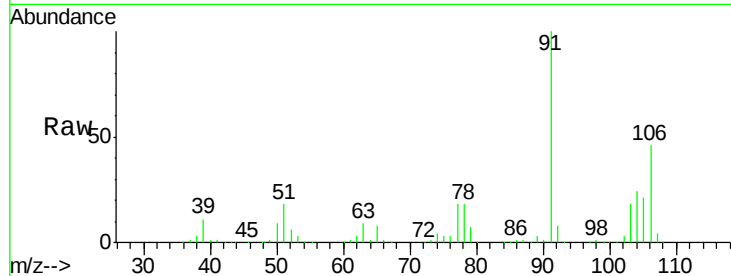
#69
o-Xylene
Concen: 55.34 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 144487
Ion Ratio Lower Upper
106 100
91 213.9 106.5 319.6

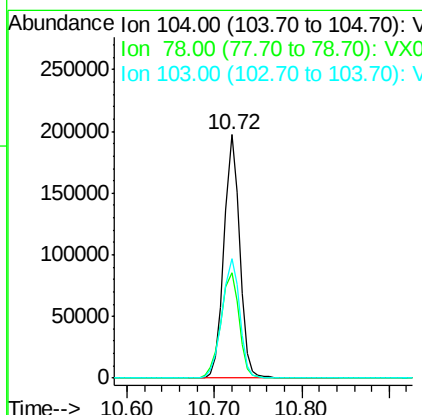
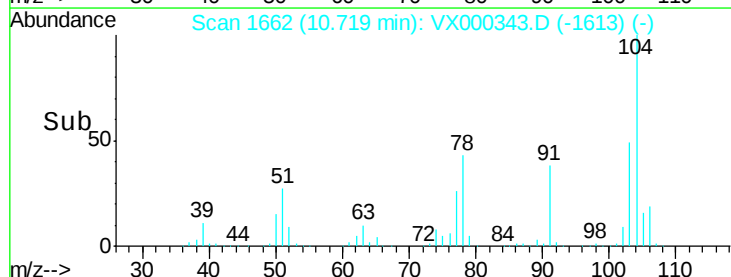
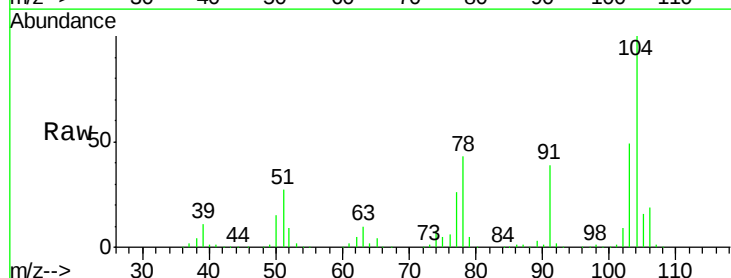
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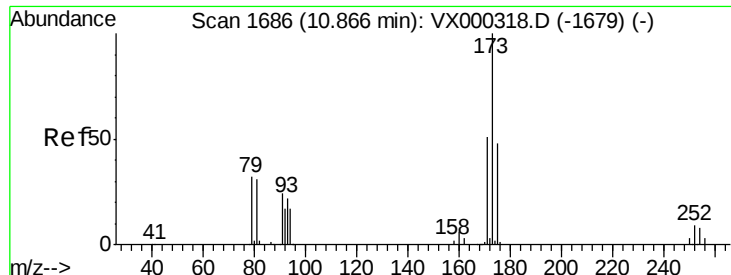
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#70
Styrene
Concen: 56.31 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion:104 Resp: 244000
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 55.3 45.7 68.5





#71

Bromoform

Concen: 48.55 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 66788

Ion Ratio Lower Upper

173 100

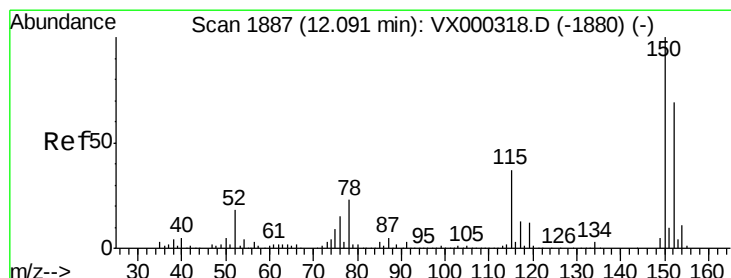
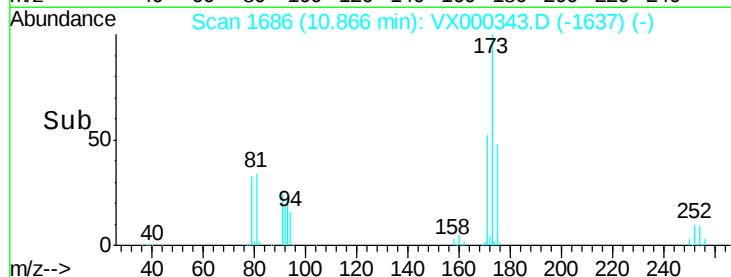
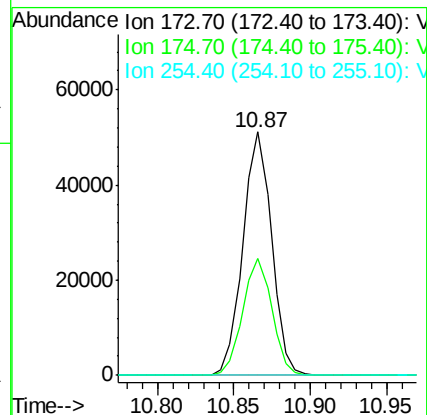
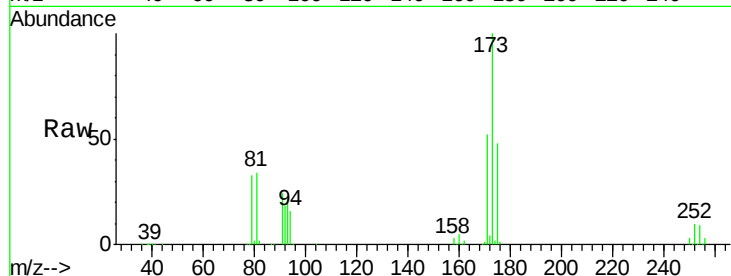
175 48.8 25.4 76.4

254 0.1 0.0 0.0#

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: VX000343.D

Acq: 16 Mar 2018 12:40

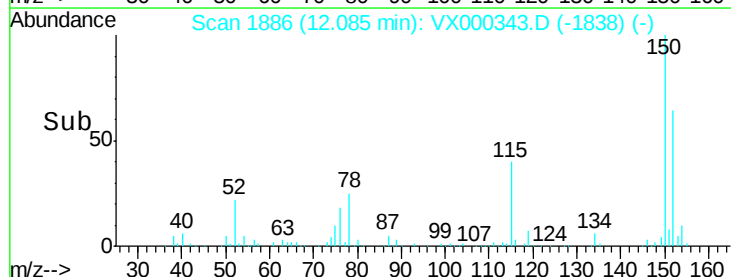
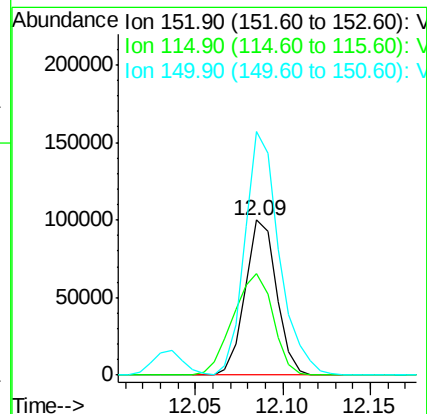
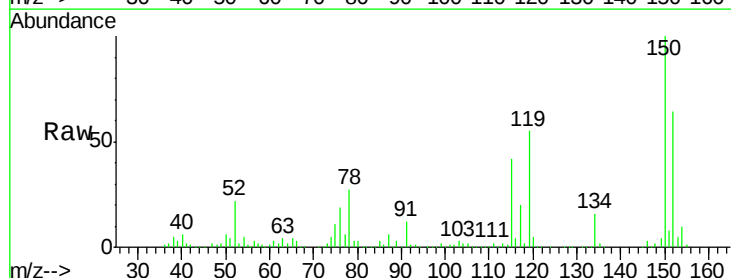
Tgt Ion:152 Resp: 124736

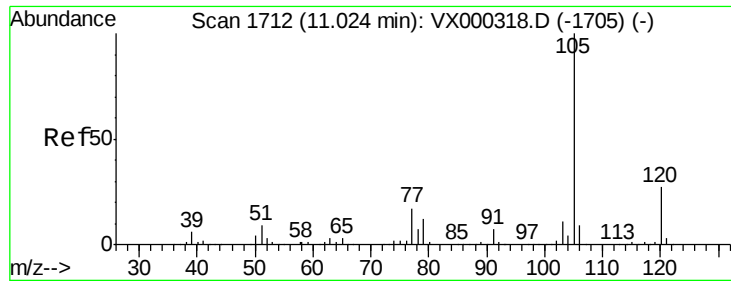
Ion Ratio Lower Upper

152 100

115 83.7 39.8 119.3

150 172.5 0.0 344.4





#73

Isopropylbenzene

Concen: 53.59 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 402572

Ion Ratio Lower Upper

105 100

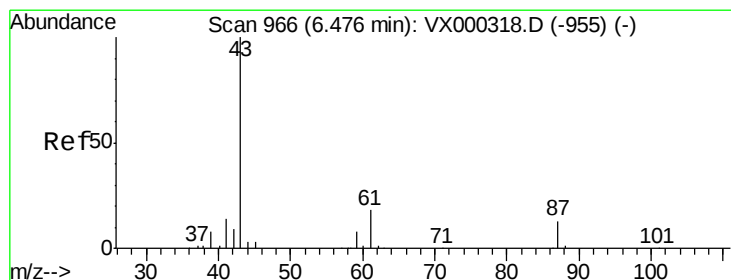
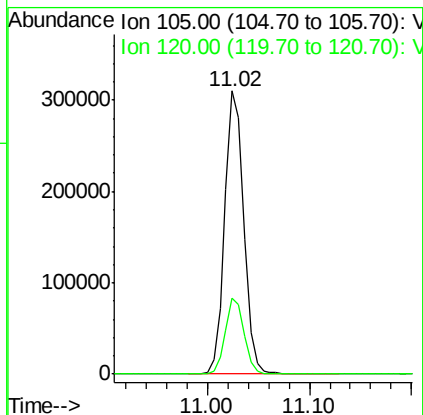
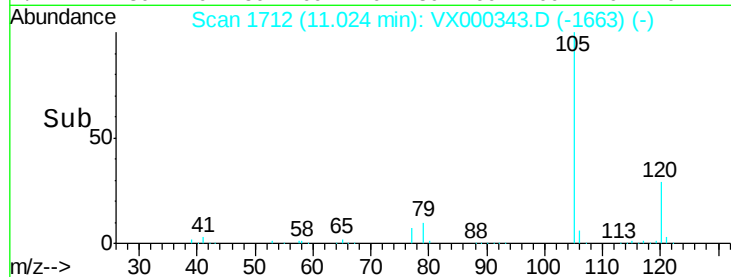
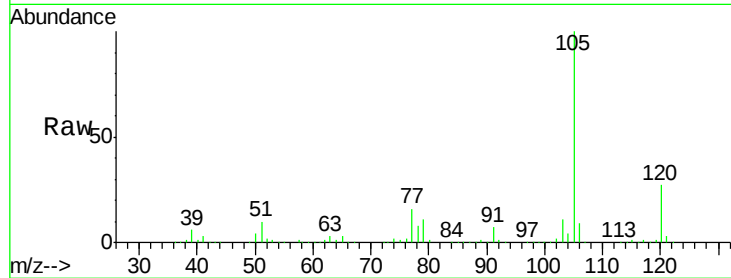
120 26.6 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.02 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Tgt Ion: 43 Resp: 190684

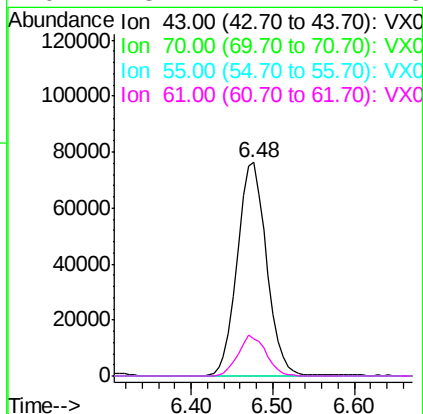
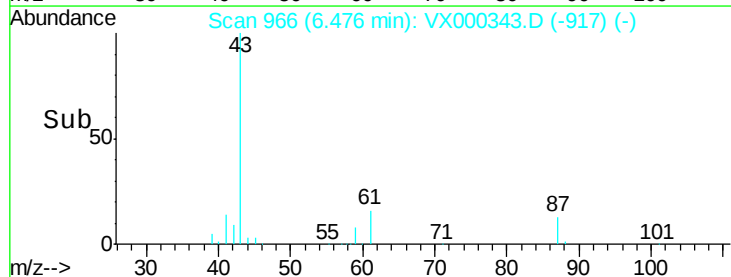
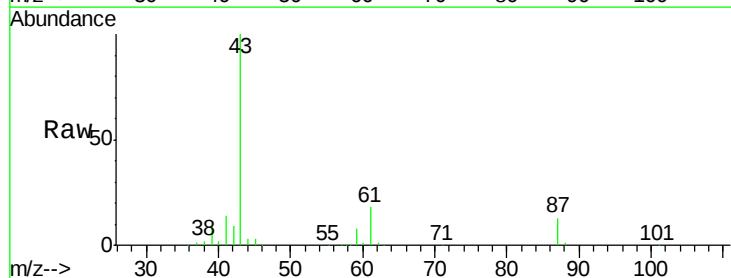
Ion Ratio Lower Upper

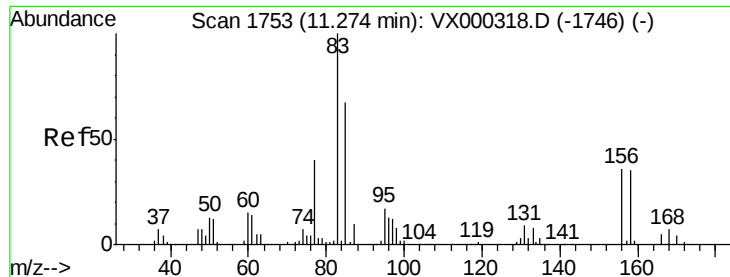
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 141153
Ion Ratio Lower Upper

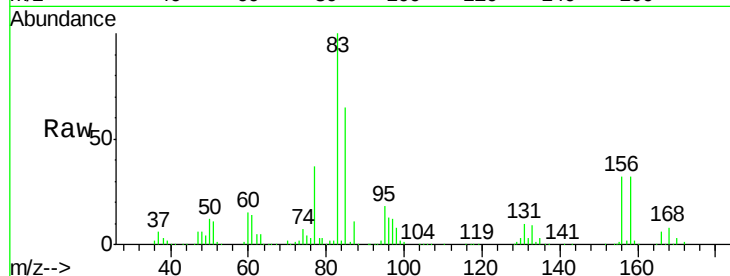
83 100

131 9.6 5.0 14.9

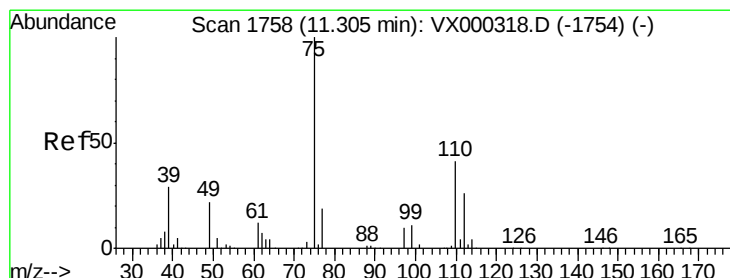
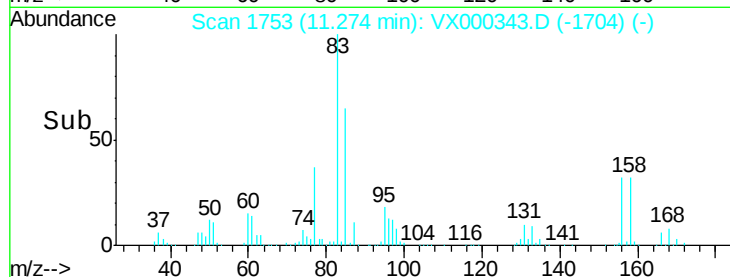
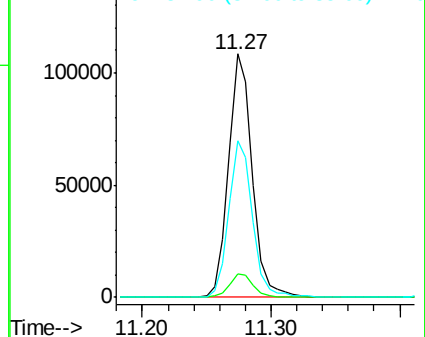
85 64.5 32.5 97.5

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.12 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

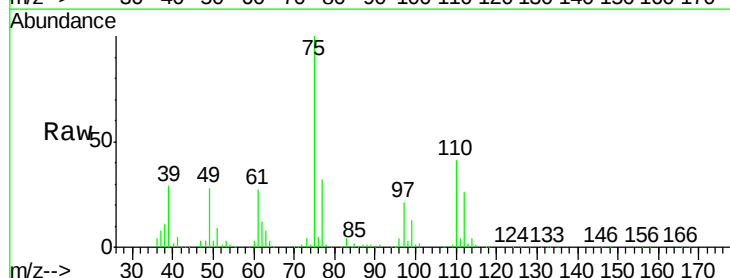
Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

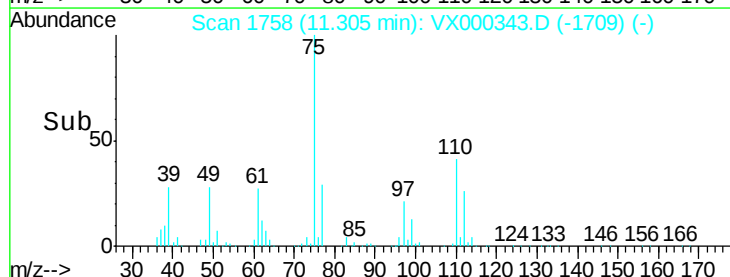
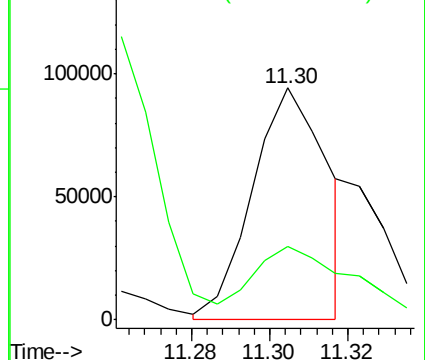
Tgt Ion: 75 Resp: 125882
Ion Ratio Lower Upper

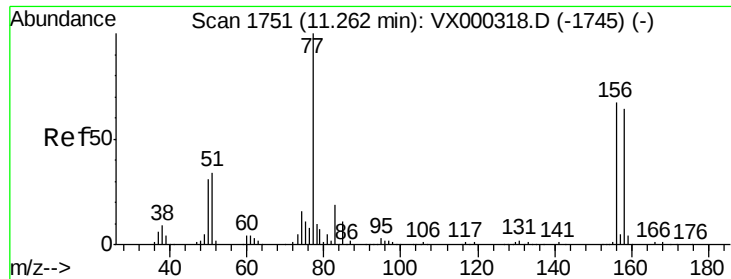
75 100

77 42.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

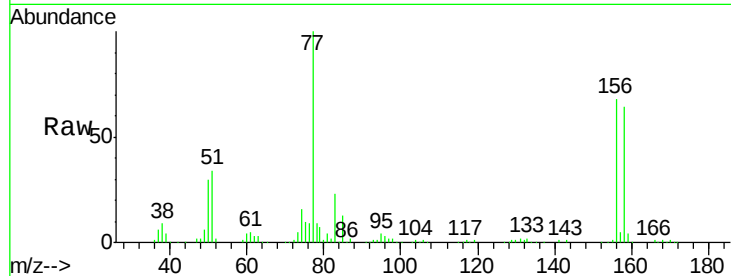
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	147.9	73.4	220.2
158	96.7	48.5	145.6

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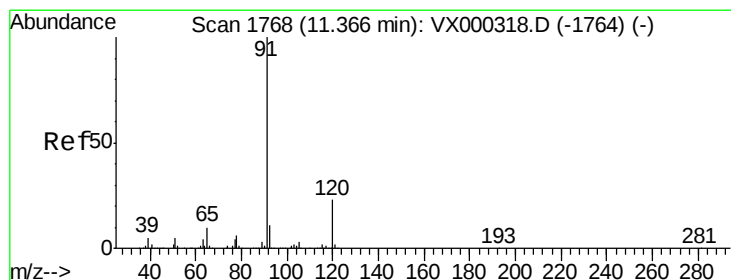
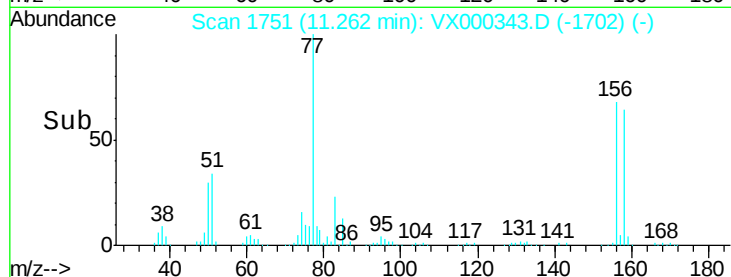
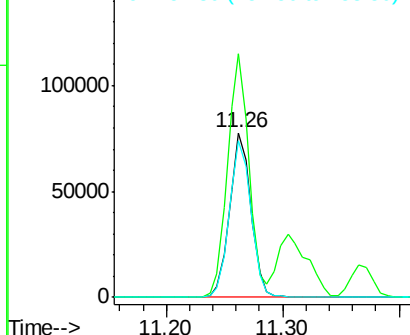
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.95 ug/l

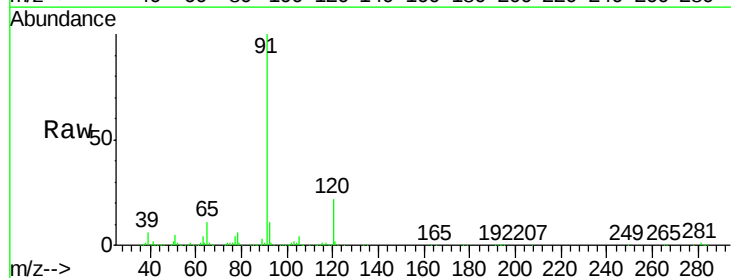
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000343.D

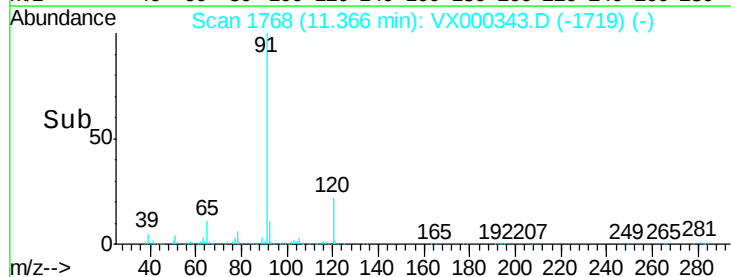
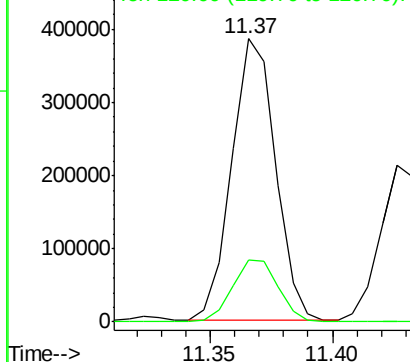
Acq: 16 Mar 2018 12:40

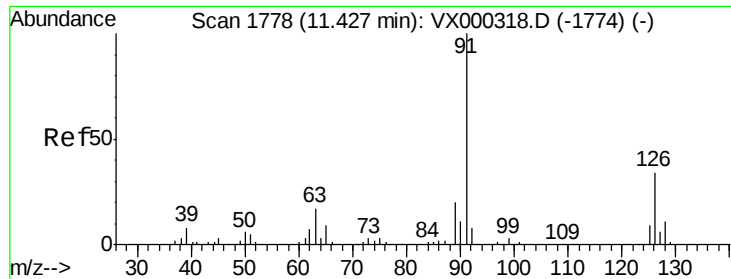
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 269846

Ion Ratio Lower Upper

91 100

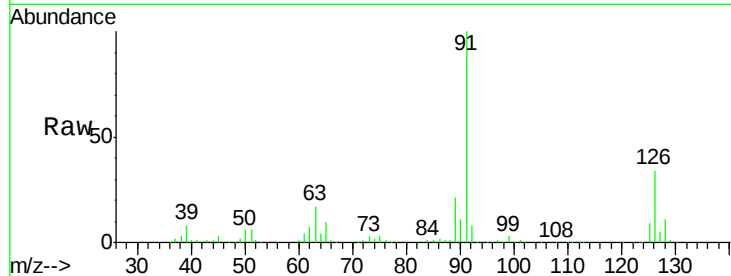
126 35.4 17.7 53.1

Manual Integrations

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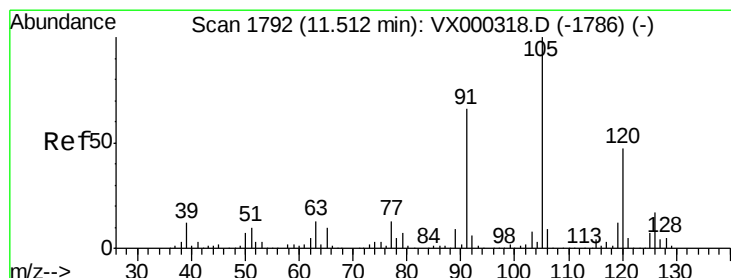
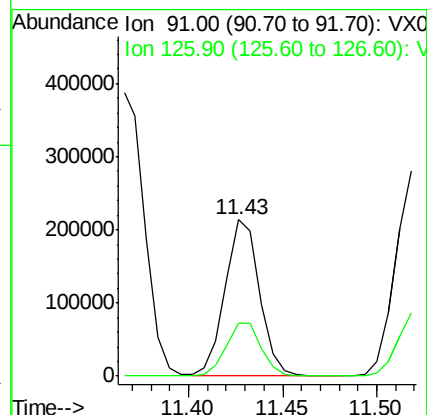
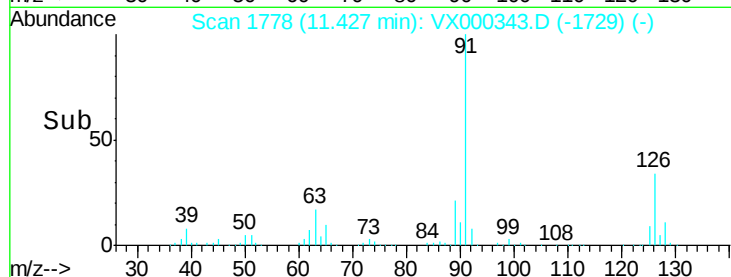
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Abundance Ion 91.00 (90.70 to 91.70): VX000318.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000318.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.13 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000343.D

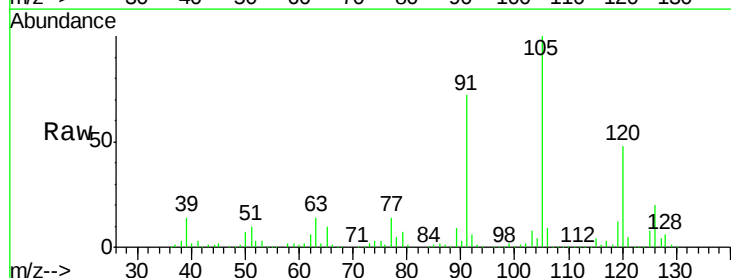
Acq: 16 Mar 2018 12:40

Tgt Ion: 105 Resp: 352828

Ion Ratio Lower Upper

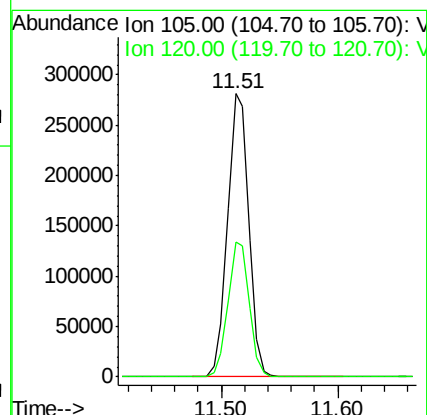
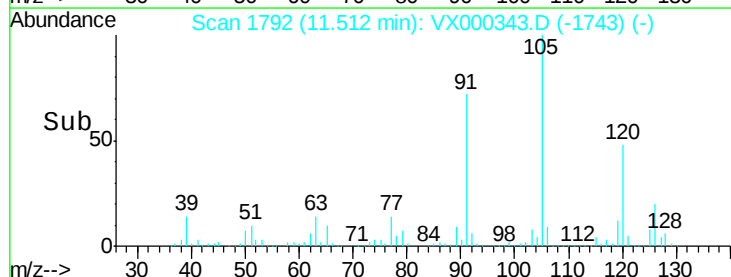
105 100

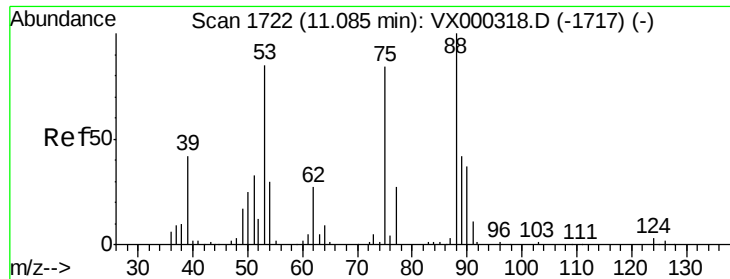
120 47.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000318.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000318.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.53 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 40927
Ion Ratio Lower Upper

75 100

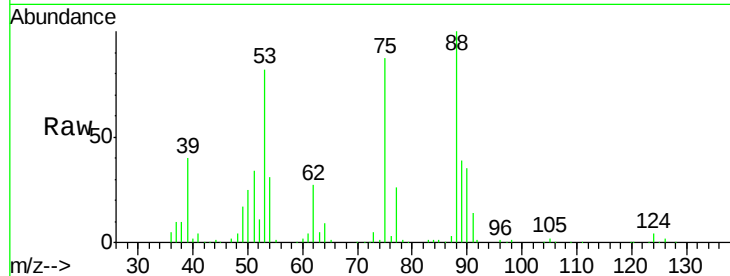
53 107.0 80.7 121.1

89 47.6 39.4 59.0

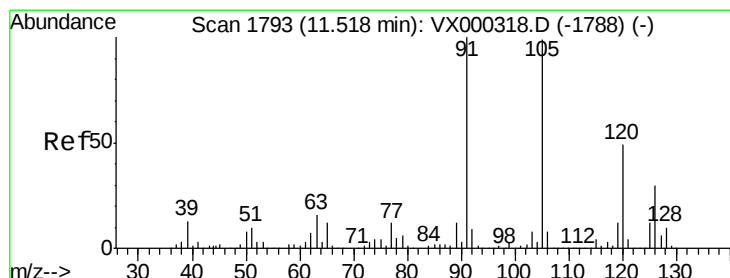
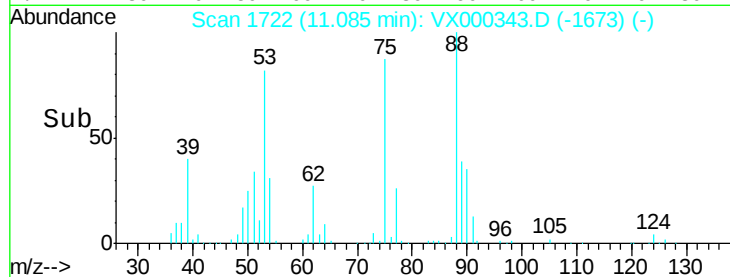
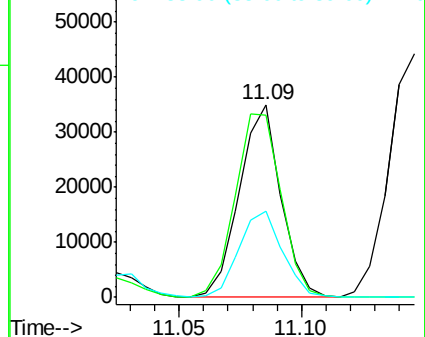
Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.55 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

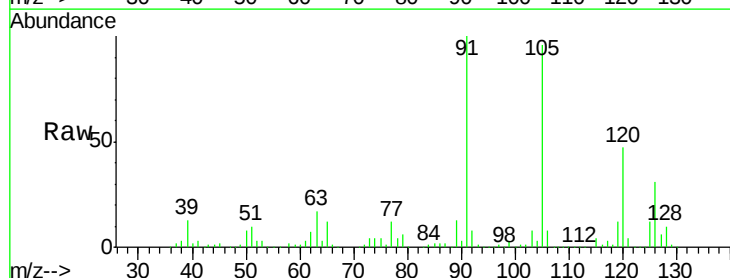
Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

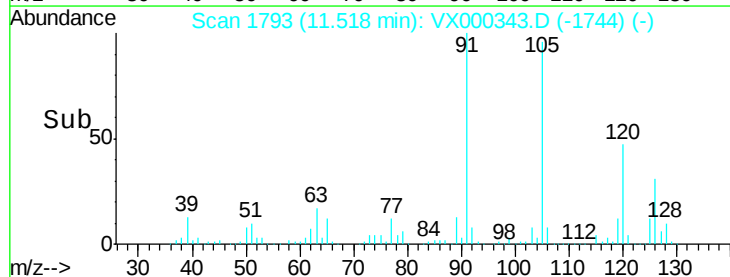
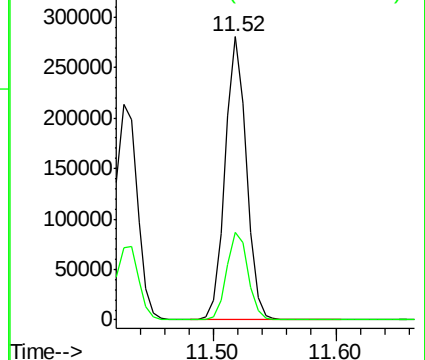
Tgt Ion: 91 Resp: 338338
Ion Ratio Lower Upper

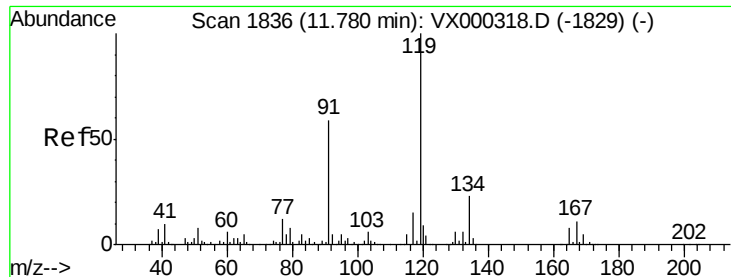
91 100

126 31.3 15.4 46.1



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





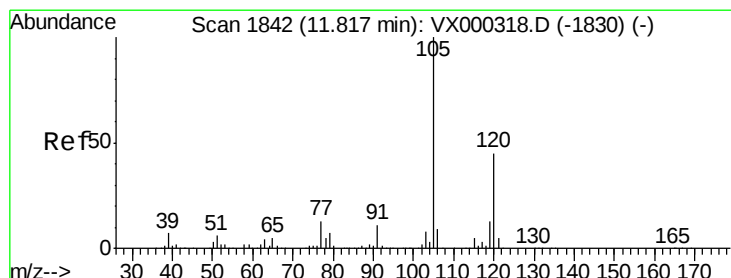
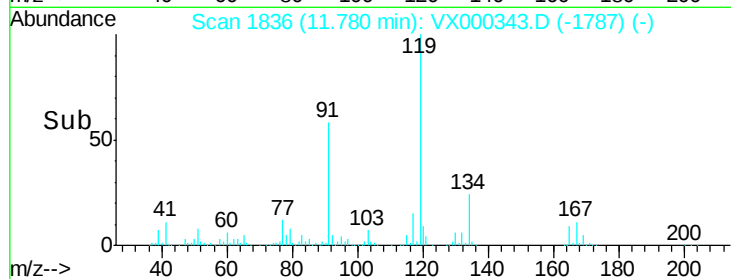
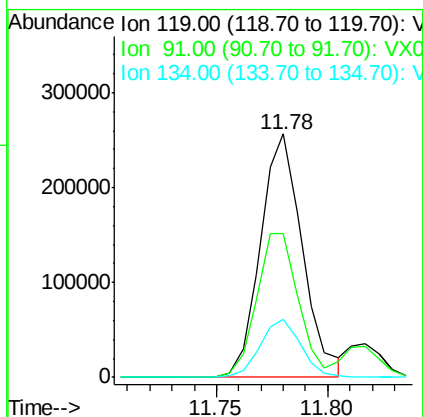
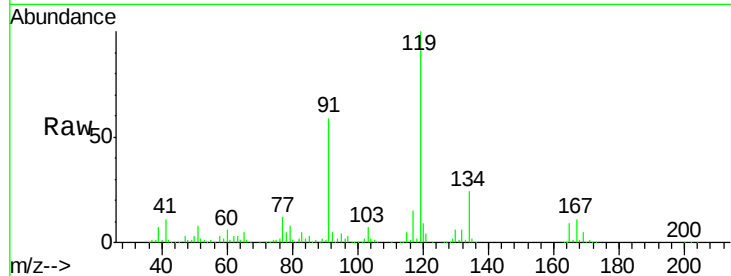
#83
 tert-Butylbenzene
 Concen: 53.78 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	335816		
91	59.0	28.8	86.4	
134	23.0	11.4	34.1	

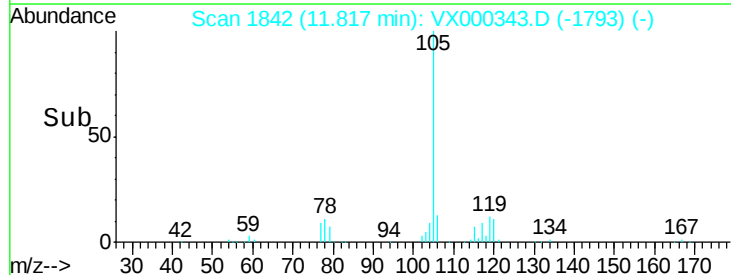
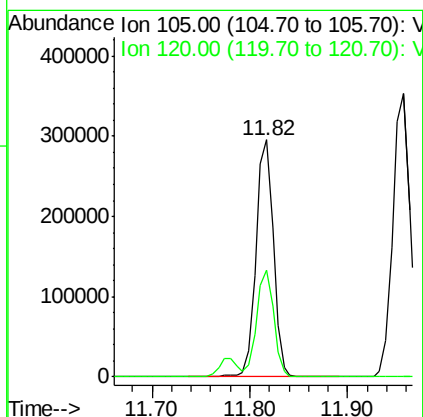
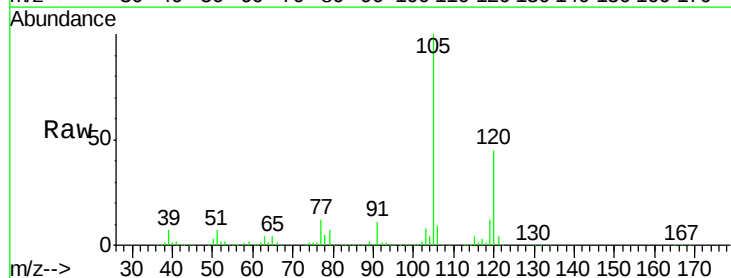
Manual Integrations
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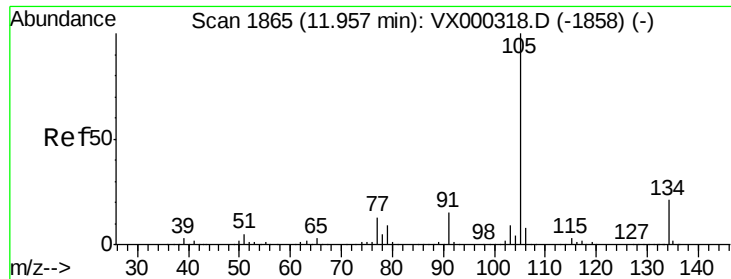
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.54 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365433		
120	44.5	22.4	67.3	





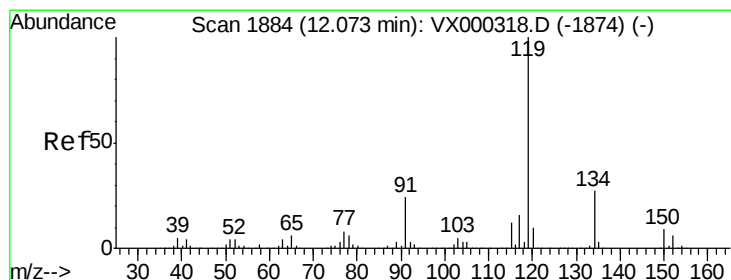
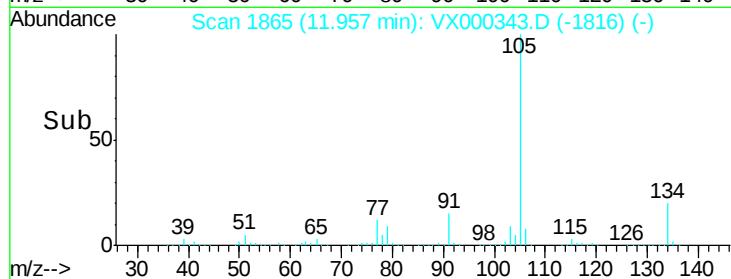
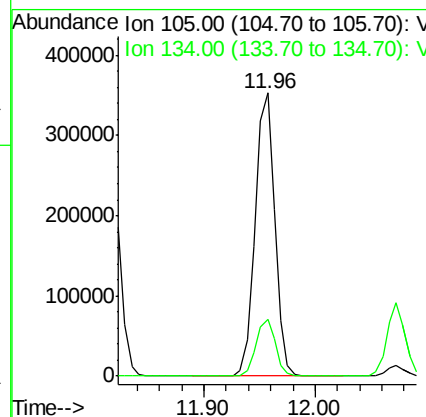
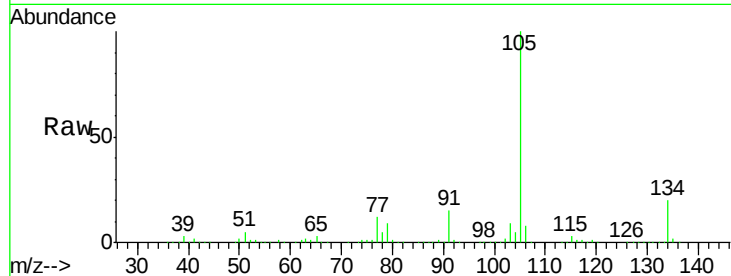
#85
 sec-Butylbenzene
 Concen: 55.36 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 432735
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8

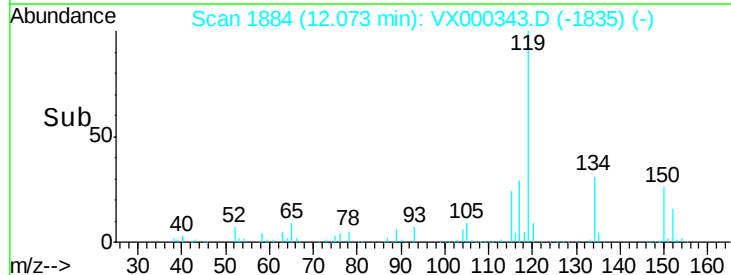
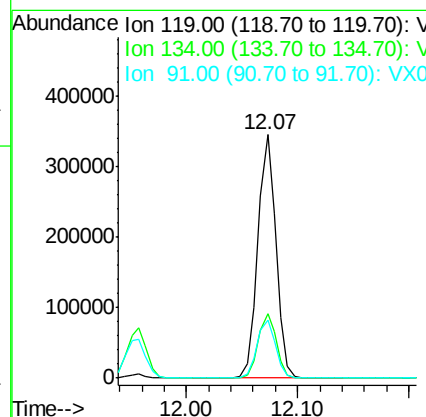
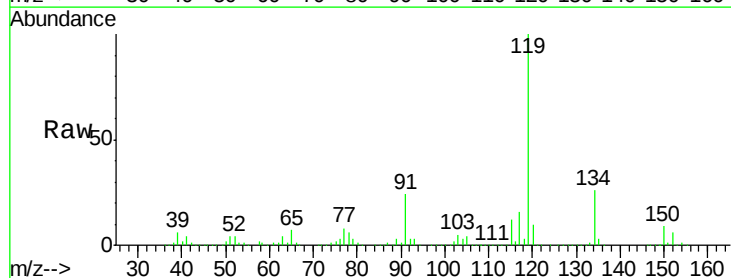
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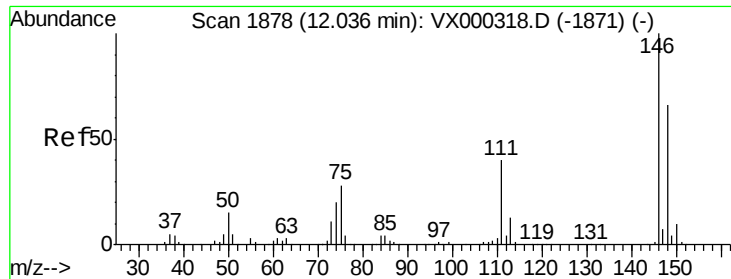
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#86
 p-Isopropyltoluene
 Concen: 56.27 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion:119 Resp: 391403
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.4 12.0 36.1





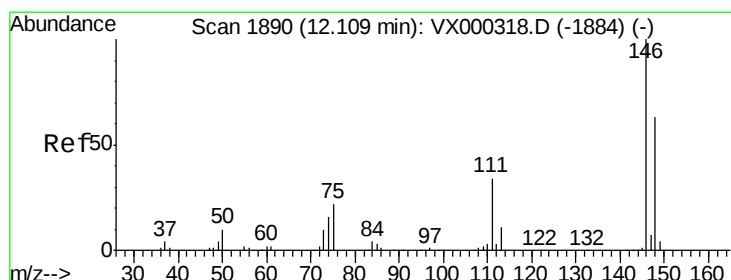
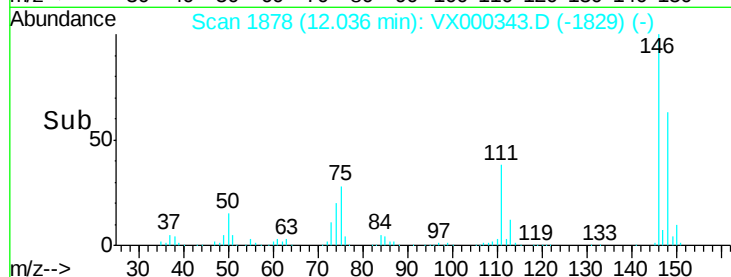
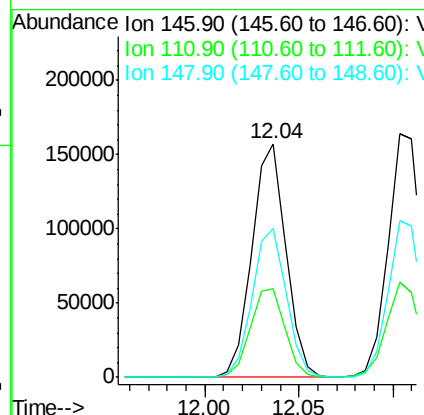
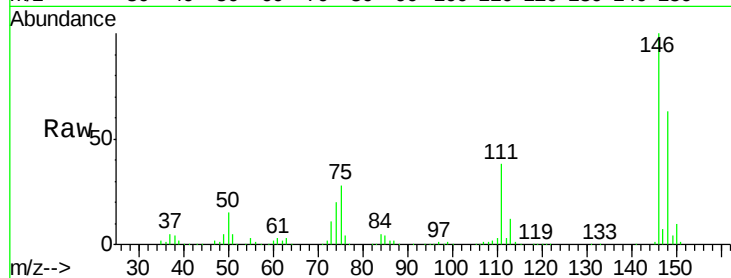
#87
 1,3-Dichlorobenzene
 Concen: 50.84 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.7	32.4	97.0

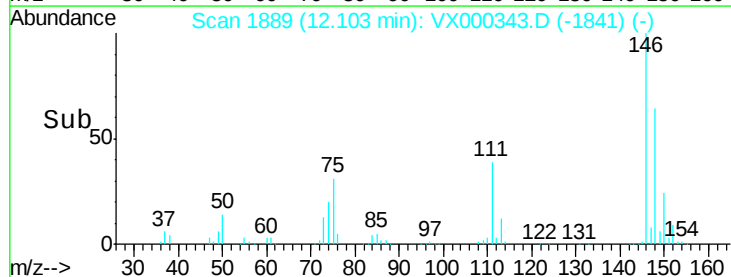
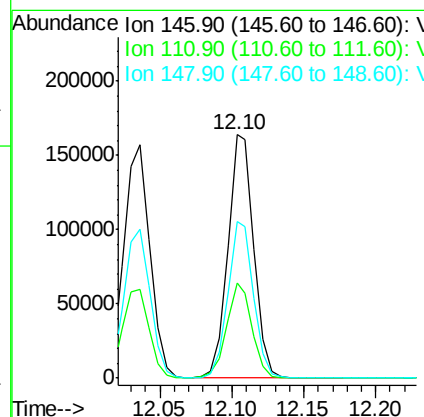
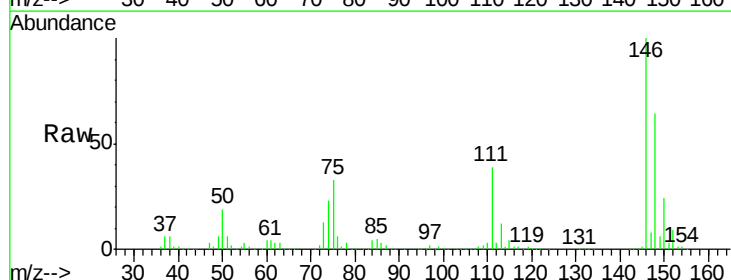
Manual Integrations
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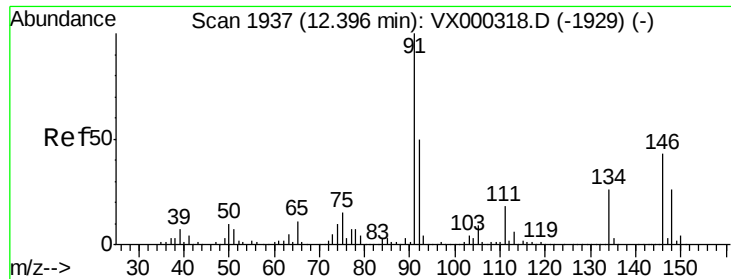
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#88
 1,4-Dichlorobenzene
 Concen: 51.34 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000343.D
 Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.1	31.0	93.0





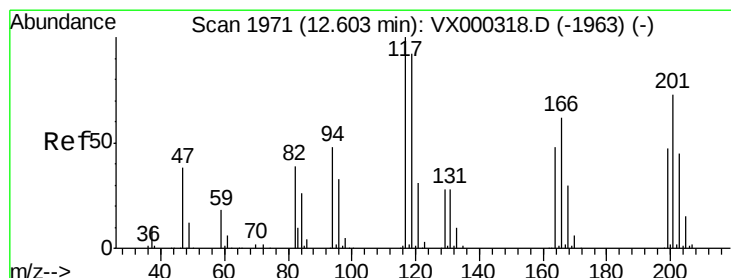
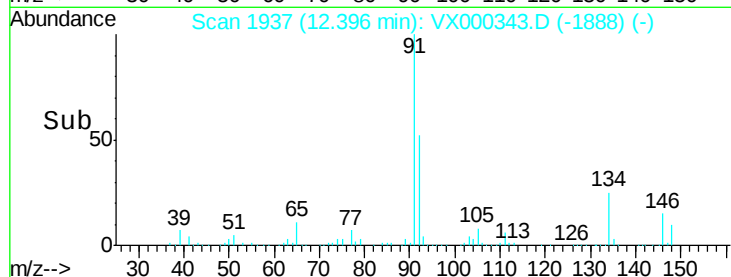
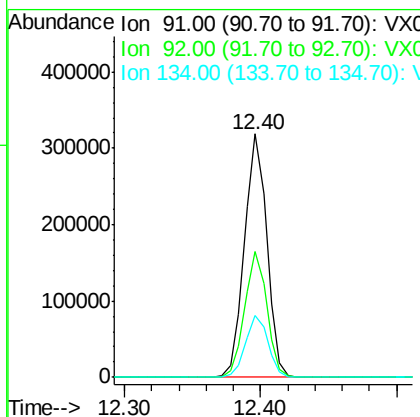
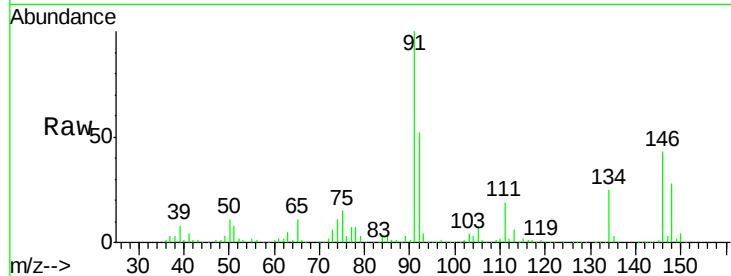
#89
n-Butylbenzene
Concen: 54.26 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	366965		
92	51.0	25.9	77.8	
134	25.4	13.1	39.3	

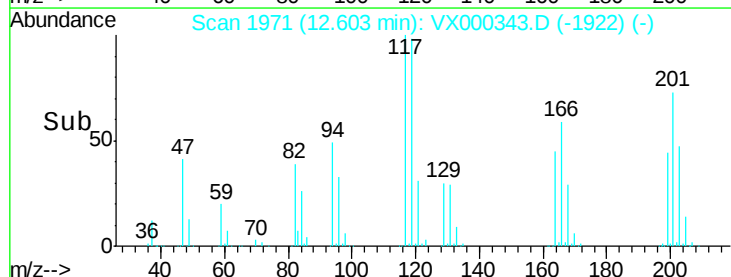
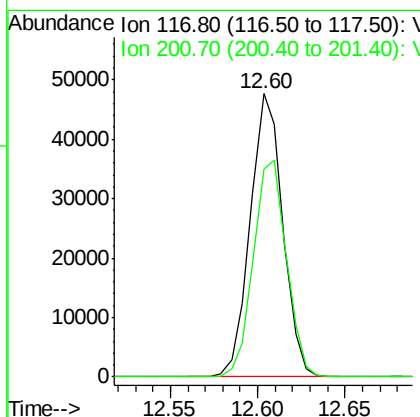
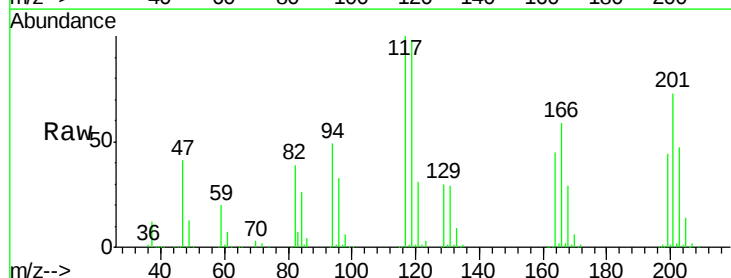
Manual Integrations
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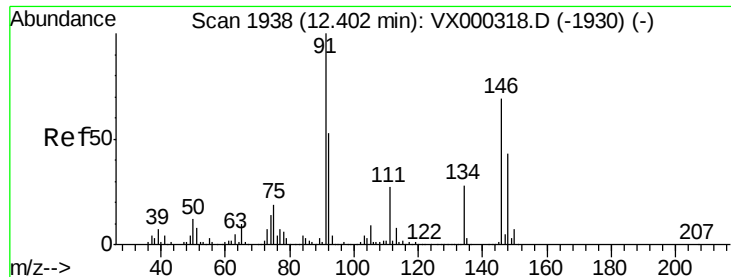
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#90
Hexachloroethane
Concen: 55.06 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61432		
201	78.0	37.9	113.6	





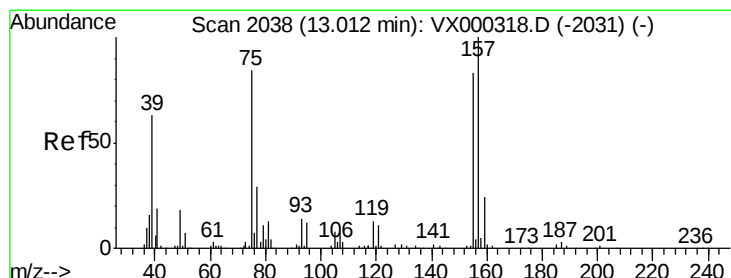
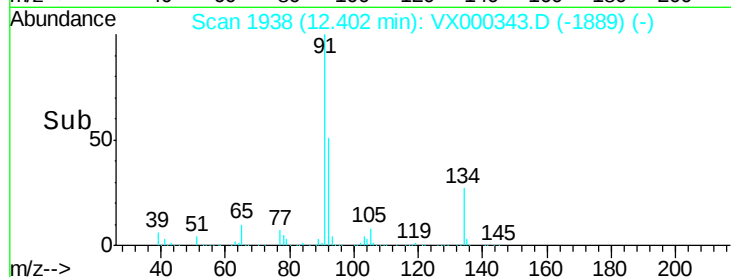
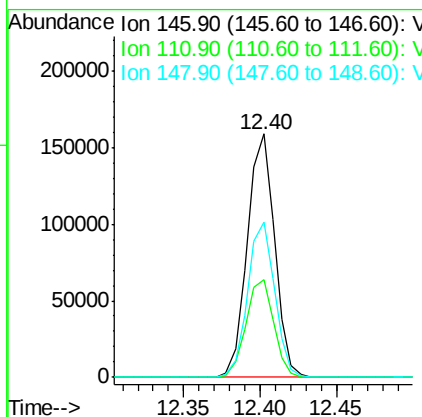
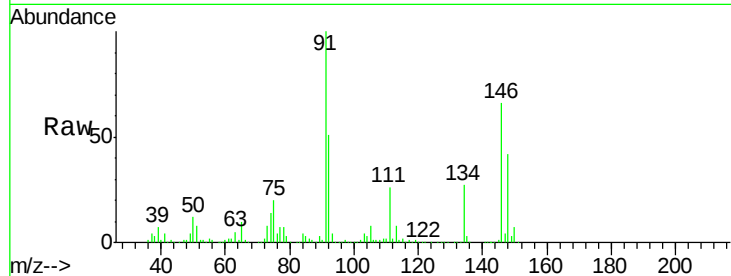
#91
1,2-Dichlorobenzene
Concen: 52.69 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.1	60.2
148	63.2	31.2	93.6

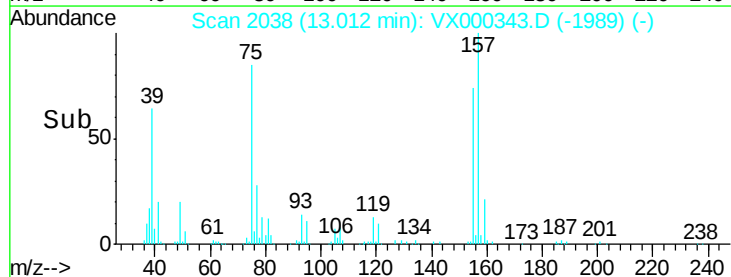
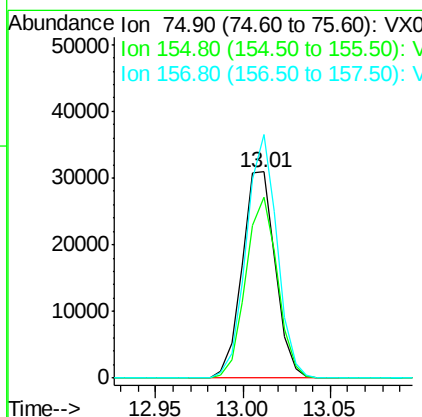
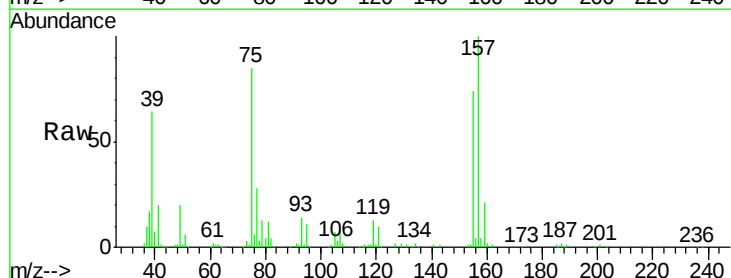
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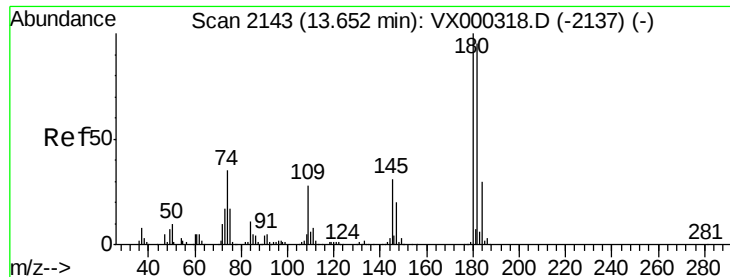
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#92
1,2-Dibromo-3-Chloropropane
Concen: 56.08 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	45.0	134.8
157	110.0	58.1	174.2





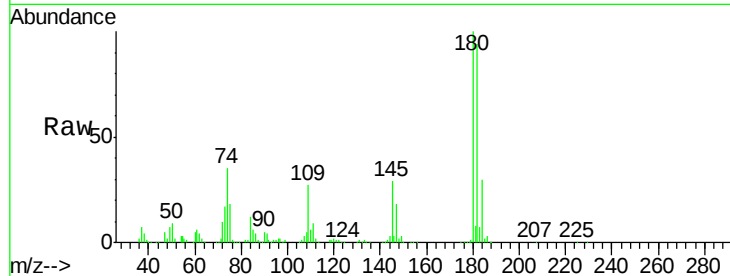
#93
1,2,4-Trichlorobenzene
Concen: 50.90 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

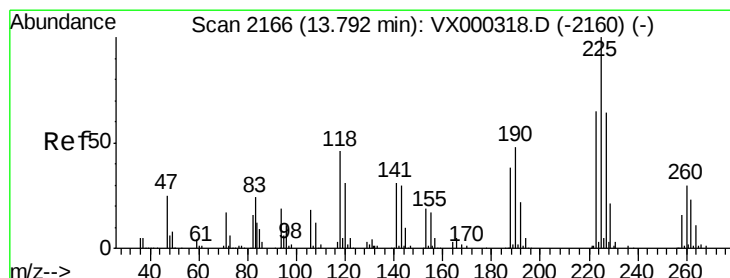
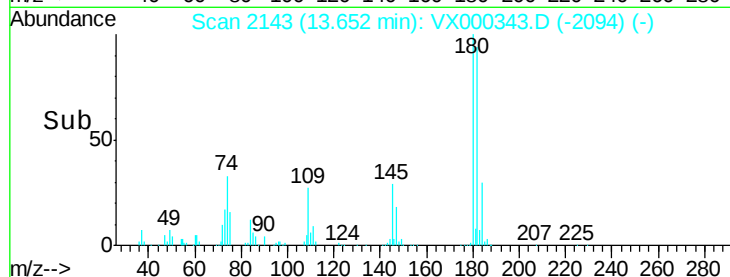
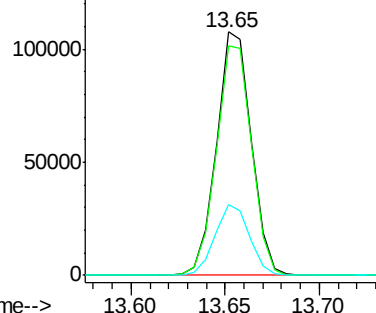
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137435		
182	95.8	47.6	142.9	
145	28.9	15.1	45.3	

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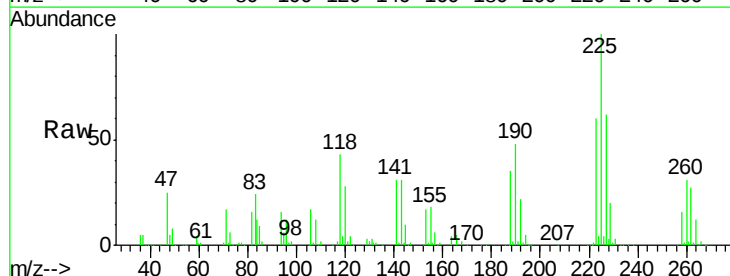


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

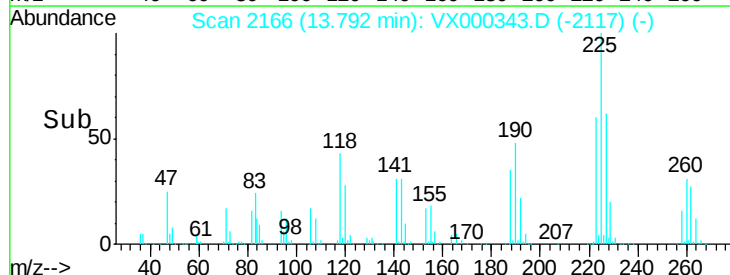
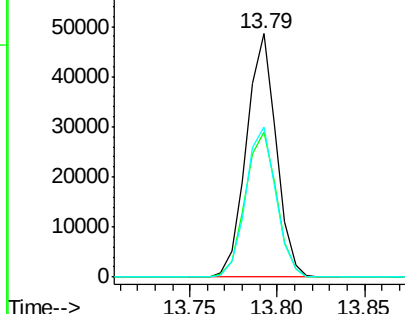


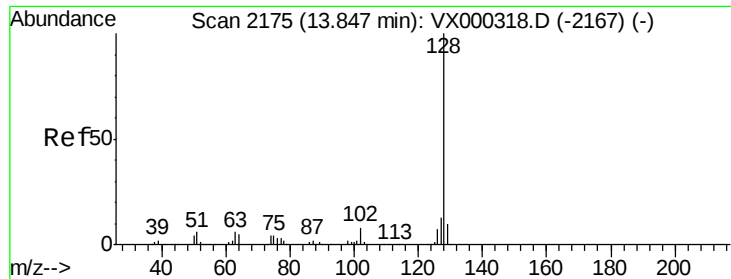
#94
Hexachlorobutadiene
Concen: 53.99 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000343.D
Acq: 16 Mar 2018 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57508		
223	62.4	32.0	96.0	
227	62.5	32.6	98.0	



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: 52.88 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Instrument :

MSVOA_X

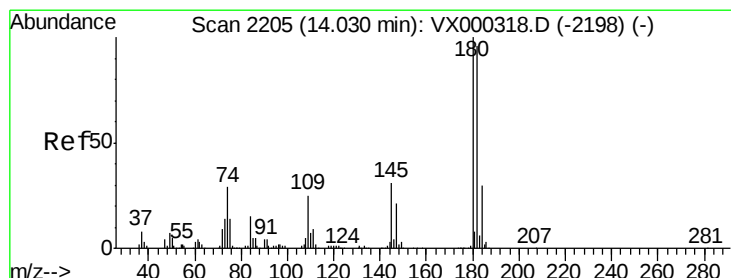
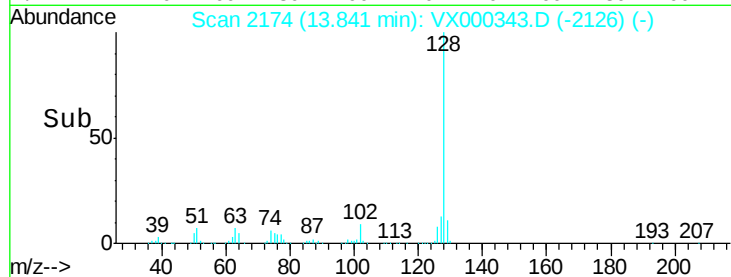
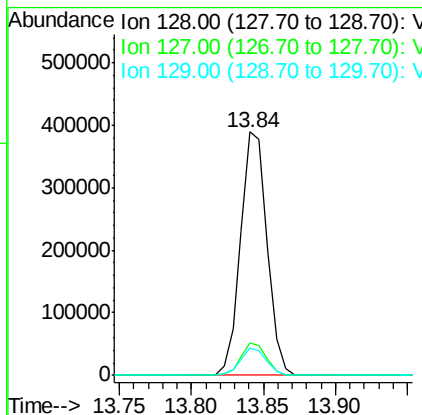
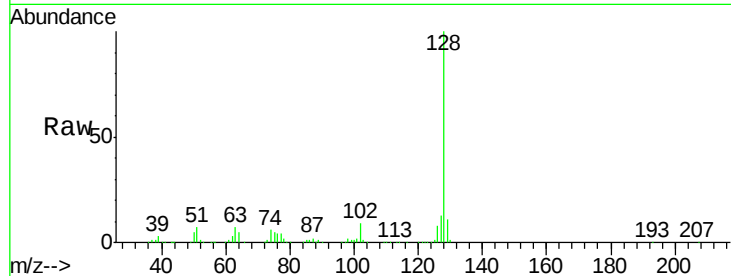
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	495473
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 51.03 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000343.D

Acq: 16 Mar 2018 12:40

Tgt Ion:	180	Resp:	139177
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.4	142.3
145	31.3	15.8	47.3

