

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000211.D
 Acq On : 07 Mar 2018 14:17
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 00:35:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	158005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173982	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	210605	104.31	ug/l	0.00
Spiked Amount			Recovery	=	208.62%	
35) Dibromofluoromethane	5.51	113	168924	101.57	ug/l	0.00
Spiked Amount			Recovery	=	203.14%	
50) Toluene-d8	8.73	98	721601	108.19	ug/l	0.00
Spiked Amount			Recovery	=	216.38%	
62) 4-Bromofluorobenzene	11.15	95	288065	110.50	ug/l	0.00
Spiked Amount			Recovery	=	221.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	162541	99.584	ug/l	99
3) Chloromethane	1.32	50	152405	95.312	ug/l	100
4) Vinyl Chloride	1.41	62	186503	103.881	ug/l	99
5) Bromomethane	1.64	94	198785	112.265	ug/l	98
6) Chloroethane	1.71	64	121498	99.975	ug/l	97
7) Trichlorofluoromethane	1.93	101	324934	101.048	ug/l	99
8) Diethyl Ether	2.20	74	111925	100.782	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172783	96.494	ug/l	98
10) Methyl Iodide	2.51	142	200425	105.343	ug/l	100
11) Tert butyl alcohol	3.10	59	388847	506.521	ug/l	100
12) 1,1-Dichloroethene	2.37	96	166162	99.874	ug/l	95
13) Acrolein	2.30	56	204571	542.304	ug/l	97
14) Allyl chloride	2.73	41	294378	104.634	ug/l	99
15) Acrylonitrile	3.16	53	704906	533.930	ug/l	99
16) Acetone	2.46	43	723471	545.082	ug/l	98
17) Carbon Disulfide	2.57	76	468201	95.788	ug/l	98
18) Methyl Acetate	2.79	43	314510	102.655	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	592465	103.437	ug/l	99
20) Methylene Chloride	2.86	84	173390	93.537	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	184822	102.136	ug/l	96
22) Diisopropyl ether	3.89	45	490001	100.974	ug/l	95
23) Vinyl Acetate	3.84	43	2350224	514.199	ug/l	99
24) 1,1-Dichloroethane	3.70	63	296360	99.302	ug/l	100
25) 2-Butanone	4.73	43	943039	519.642	ug/l	99
26) 2,2-Dichloropropane	4.59	77	235232	94.749	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	162264	94.980	ug/l	98
28) Bromochloromethane	5.03	49	133008	101.631	ug/l	97
29) Tetrahydrofuran	5.18	42	614003	521.993	ug/l	98
30) Chloroform	5.23	83	316050	103.826	ug/l	97
31) Cyclohexane	5.59	56	246347	98.836	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	284393	101.961	ug/l	99
36) 1,1-Dichloropropene	5.81	75	232194	98.324	ug/l	99
37) Ethyl Acetate	4.88	43	330595	101.487	ug/l	99
38) Carbon Tetrachloride	5.80	117	254231	100.779	ug/l	99

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000211.D
 Acq On : 07 Mar 2018 14:17
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 00:35:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	284320	99.737	ug/l	96
40) Benzene	6.15	78	679114	100.476	ug/l	98
41) Methacrylonitrile	5.07	41	166104	97.605	ug/l	98
42) 1,2-Dichloroethane	6.21	62	258370	103.181	ug/l	99
43) Isopropyl Acetate	6.48	43	493630	104.660	ug/l	99
44) Trichloroethene	7.23	130	194429	98.212	ug/l	97
45) 1,2-Dichloropropane	7.52	63	171655	103.162	ug/l	95
46) Dibromomethane	7.67	93	131114	100.925	ug/l	97
47) Bromodichloromethane	7.91	83	257174	107.417	ug/l	99
48) Methyl methacrylate	7.79	41	242192	105.034	ug/l	99
49) 1,4-Dioxane	7.77	88	112901	1905.175	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1970525	566.230	ug/l	99
52) Toluene	8.79	92	497040	109.326	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	300106	106.660	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	308337	110.407	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	201678	107.787	ug/l	98
56) Ethyl methacrylate	9.20	69	323869	112.572	ug/l	98
57) 1,3-Dichloropropane	9.38	76	312869	105.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	738775	508.907	ug/l	98
59) 2-Hexanone	9.51	43	1705677	577.773	ug/l	98
60) Dibromochloromethane	9.59	129	236049	112.417	ug/l	99
61) 1,2-Dibromoethane	9.68	107	228318	109.707	ug/l	98
64) Tetrachloroethene	9.34	164	185643	93.975	ug/l	100
65) Chlorobenzene	10.15	112	585921	101.061	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	202378	100.698	ug/l	98
67) Ethyl Benzene	10.26	91	985243	100.825	ug/l	97
68) m/p-Xylenes	10.37	106	812161	209.680	ug/l	96
69) o-Xylene	10.71	106	388892	104.484	ug/l	98
70) Styrene	10.72	104	668967	109.593	ug/l	98
71) Bromoform	10.87	173	207031	114.255	ug/l #	100
73) Isopropylbenzene	11.02	105	1056443	96.302	ug/l	99
74) N-amyl acetate	6.48	43	493630	89.481	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	380752	99.507	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	467558	130.843	ug/l	82
77) Bromobenzene	11.26	156	283136	96.356	ug/l	97
78) n-propylbenzene	11.37	91	1240154	95.841	ug/l	99
79) 2-Chlorotoluene	11.43	91	702206	95.173	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	906098	97.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	129749	104.763	ug/l	94
82) 4-Chlorotoluene	11.52	91	854372	95.057	ug/l	99
83) tert-Butylbenzene	11.78	119	907176	96.930	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	928878	96.419	ug/l	100
85) sec-Butylbenzene	11.96	105	1107818	95.114	ug/l	99
86) p-Isopropyltoluene	12.07	119	1010851	97.427	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	533517	93.842	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	557593	94.922	ug/l	99
89) n-Butylbenzene	12.40	91	942621	95.757	ug/l	100
90) Hexachloroethane	12.60	117	171873	102.509	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	536254	95.720	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	111441	105.146	ug/l	99

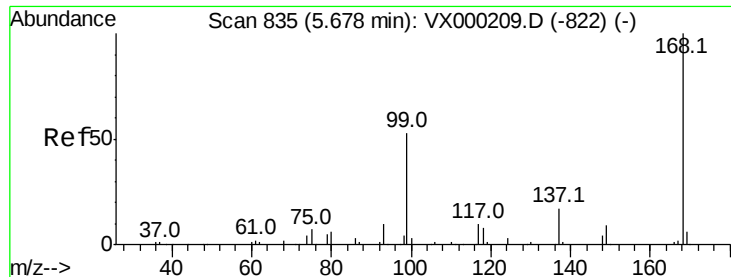
Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
Data File : VX000211.D
Acq On : 07 Mar 2018 14:17
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 08 00:35:23 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 00:32:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	389883	93.824	ug/l	99
94) Hexachlorobutadiene	13.79	225	155114	86.666	ug/l	99
95) Naphthalene	13.85	128	1391126	98.042	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	385770	94.156	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

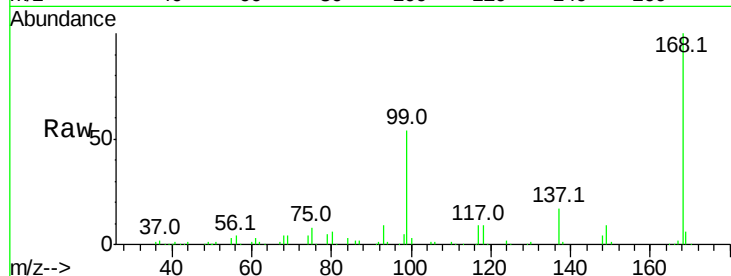
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 158005

Ion Ratio Lower Upper

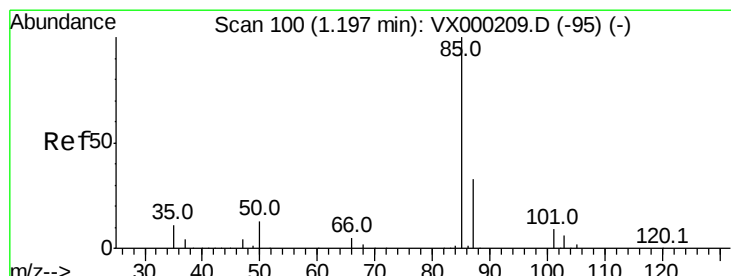
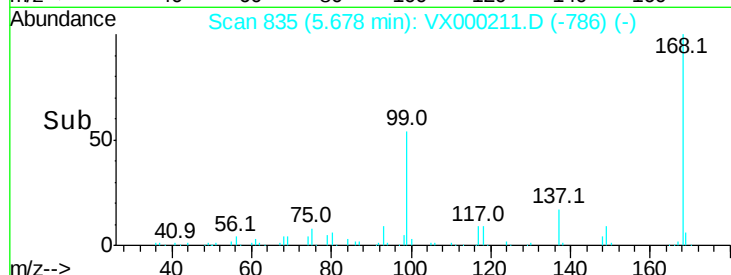
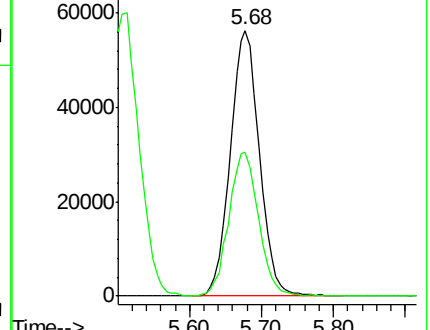
168 100

99 53.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 99.584 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000211.D

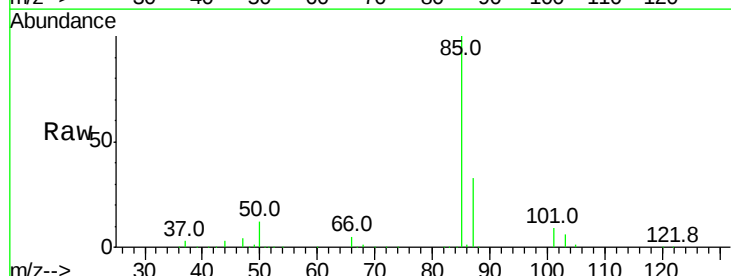
Acq: 07 Mar 2018 14:17

Tgt Ion: 85 Resp: 162541

Ion Ratio Lower Upper

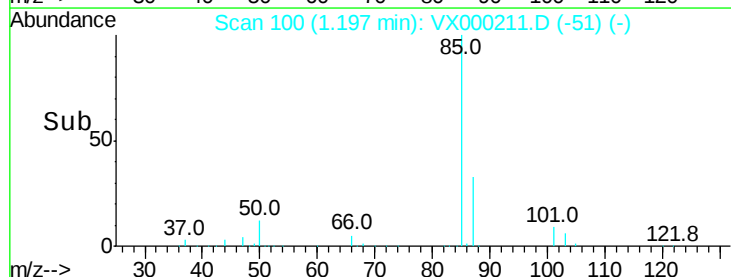
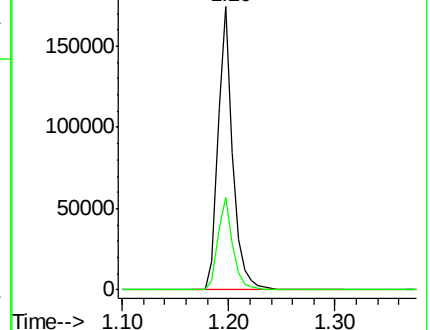
85 100

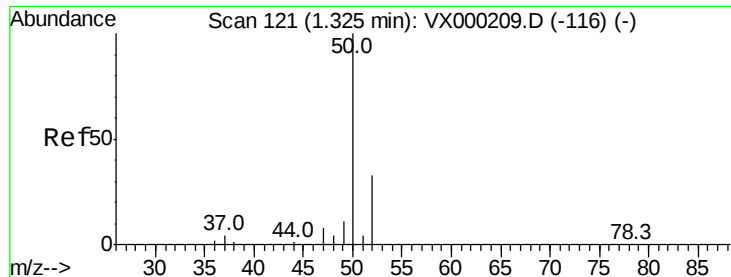
87 32.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 95.312 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

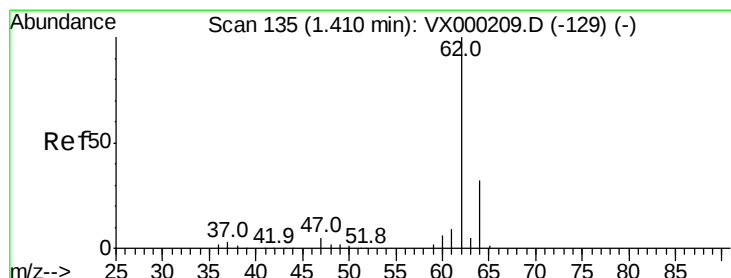
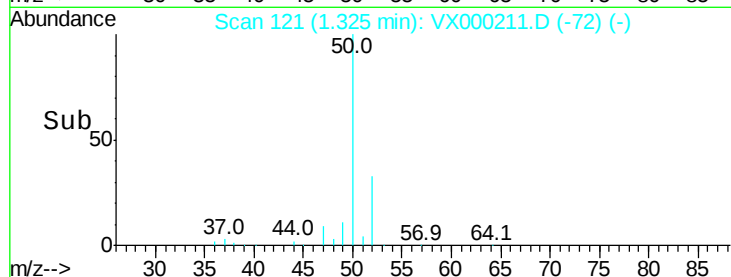
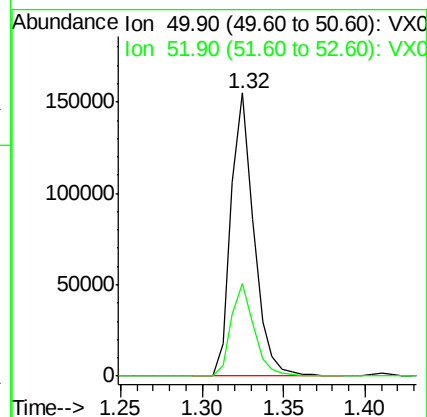
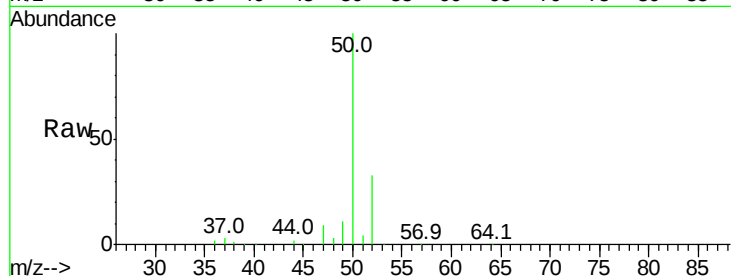
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 152405

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 103.881 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000211.D

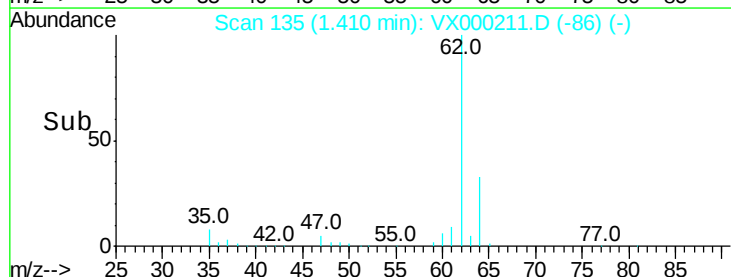
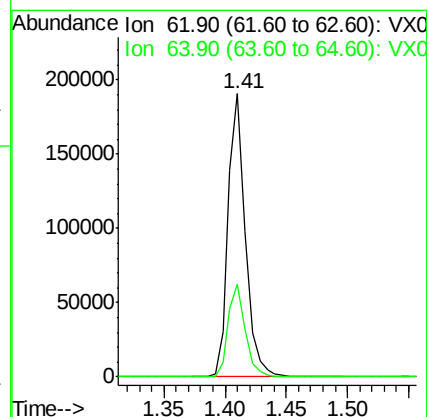
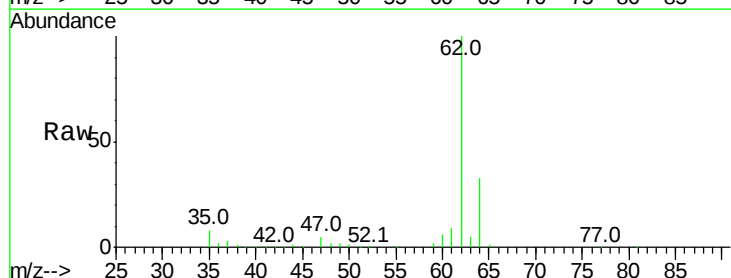
Acq: 07 Mar 2018 14:17

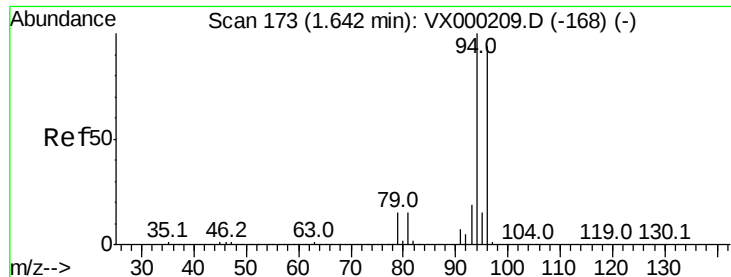
Tgt Ion: 62 Resp: 186503

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 112.265 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

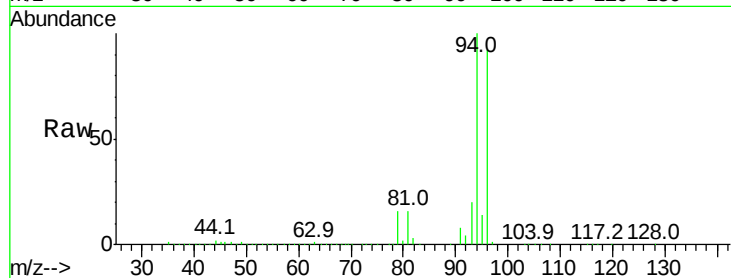
ClientSampleId :

Tot Ion: 94 Resp: 198785

Ion Ratio Lower Upper

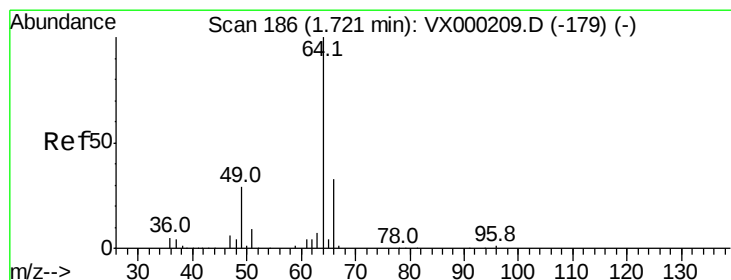
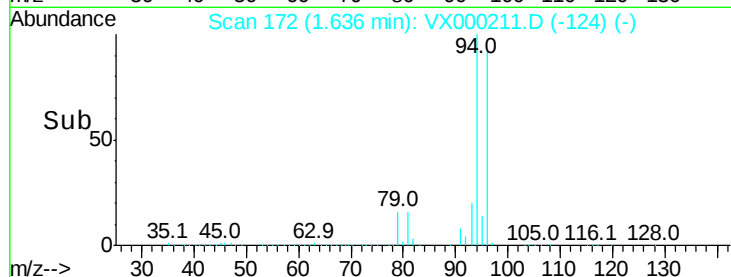
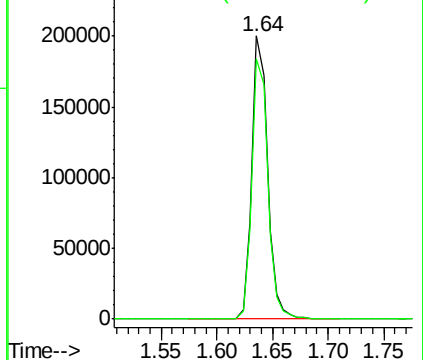
94 100

96 92.2 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 99.975 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000211.D

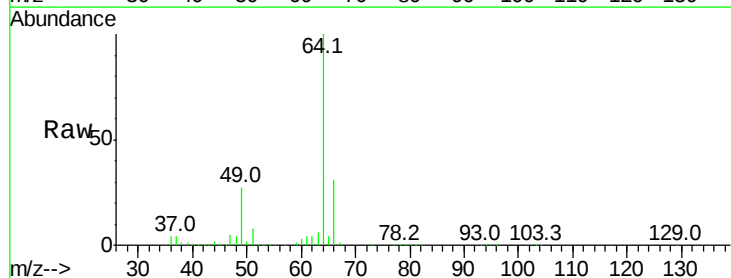
Acq: 07 Mar 2018 14:17

Tgt Ion: 64 Resp: 121498

Ion Ratio Lower Upper

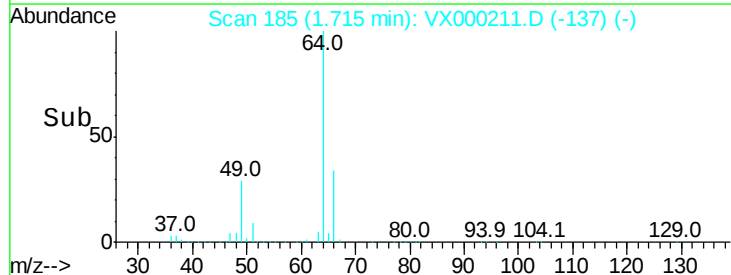
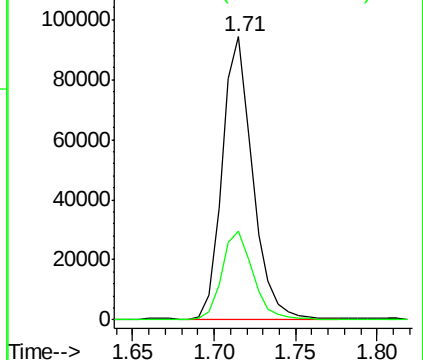
64 100

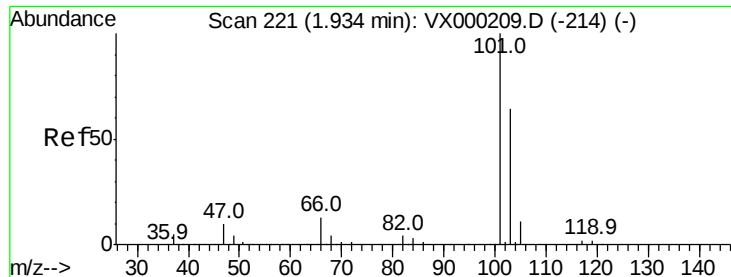
66 31.1 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



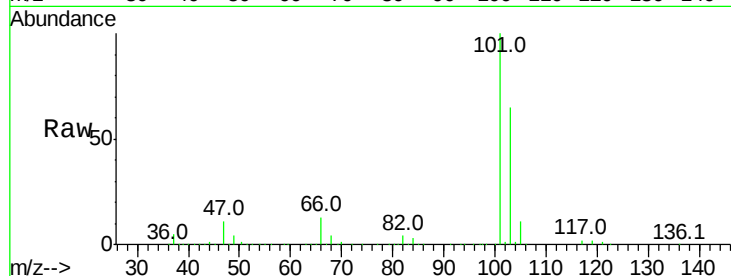


#7

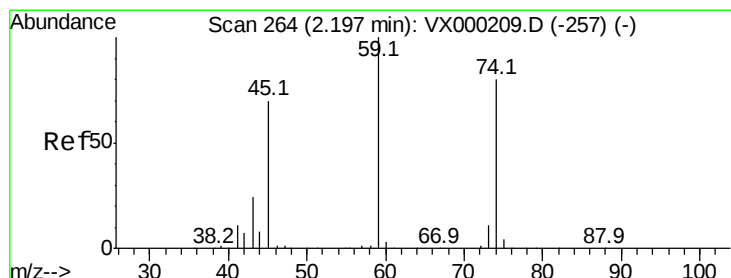
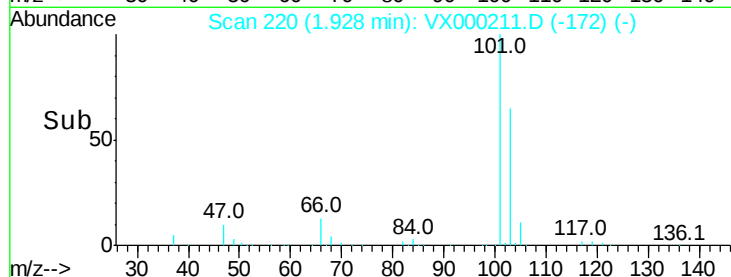
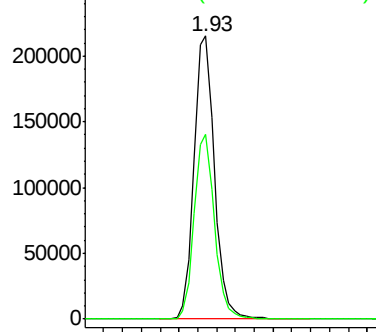
Trichlorofluoromethane
Concen: 101.048 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 324934
Ion Ratio Lower Upper
101 100
103 65.2 51.2 76.8



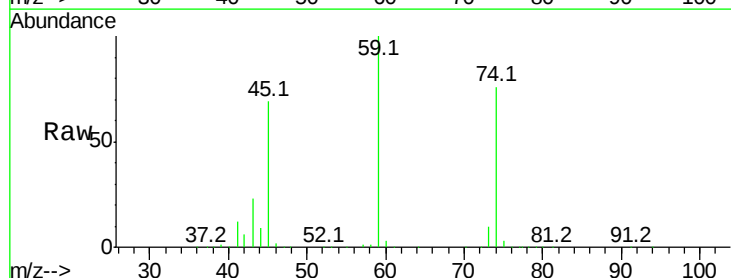
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



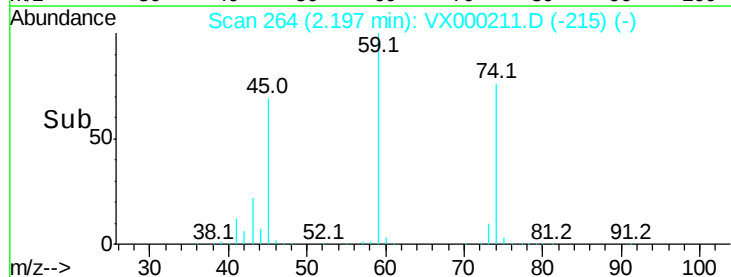
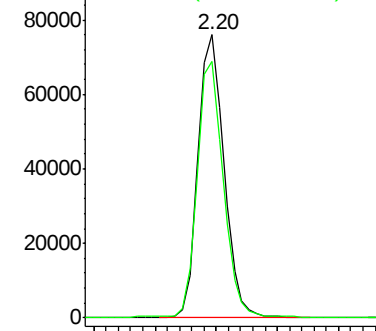
#8

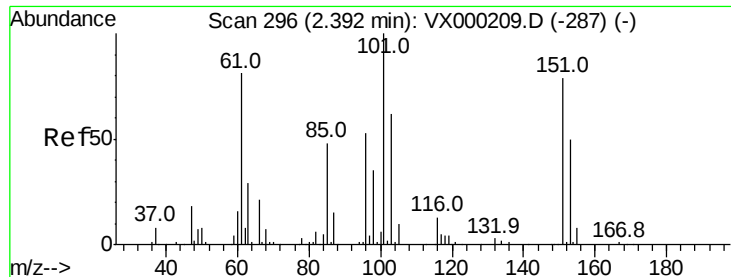
Diethyl Ether
Concen: 100.782 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 74 Resp: 111925
Ion Ratio Lower Upper
74 100
45 90.7 47.2 141.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.494 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

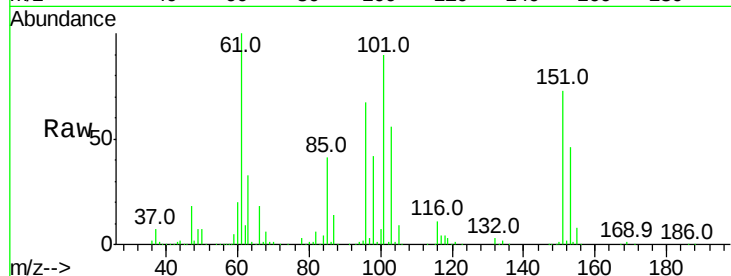
Tot Ion:101 Resp: 172783

Ion Ratio Lower Upper

101 100

85 46.9 38.3 57.5

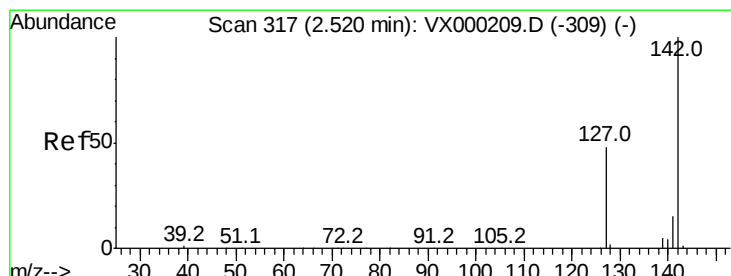
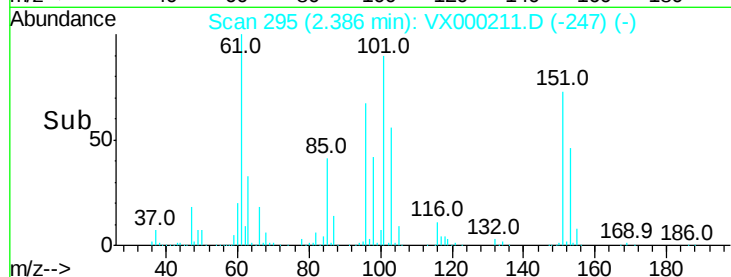
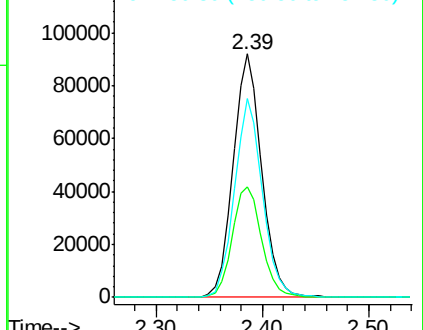
151 80.5 62.8 94.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 105.343 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

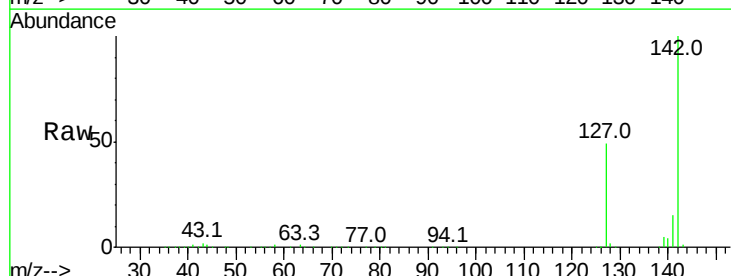
Tgt Ion:142 Resp: 200425

Ion Ratio Lower Upper

142 100

127 48.9 39.0 58.6

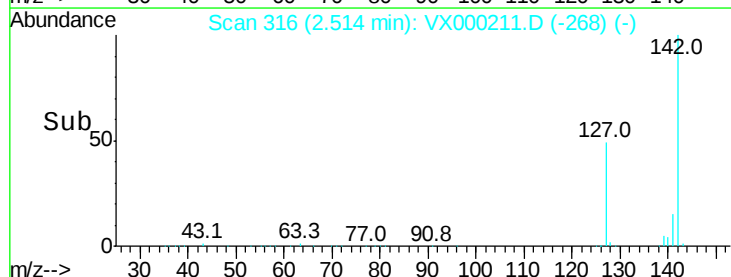
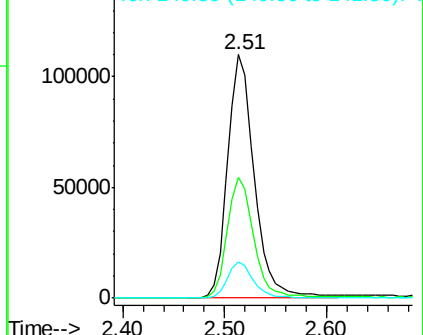
141 14.3 11.6 17.4

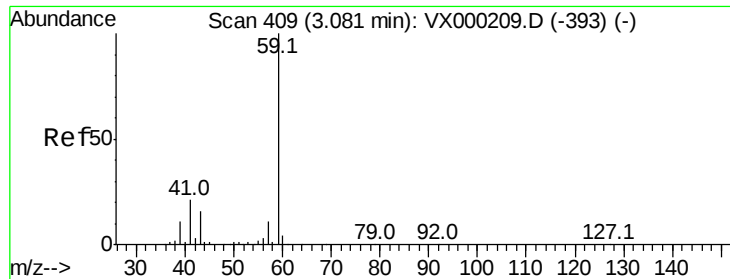


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



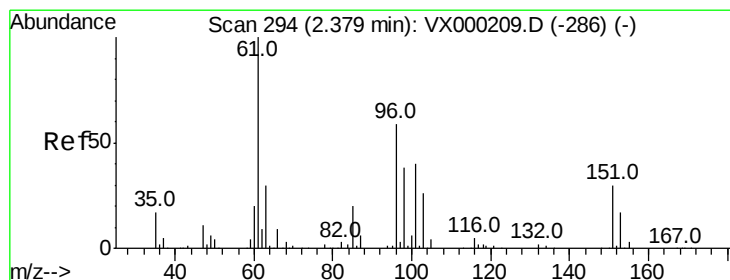
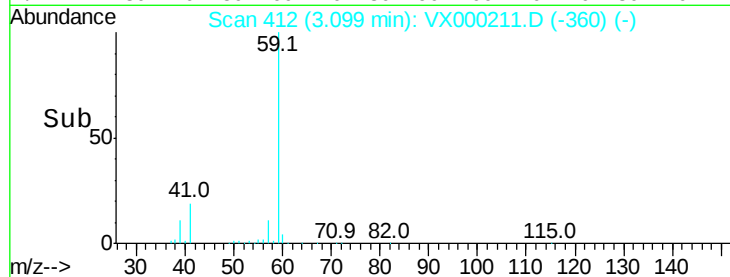
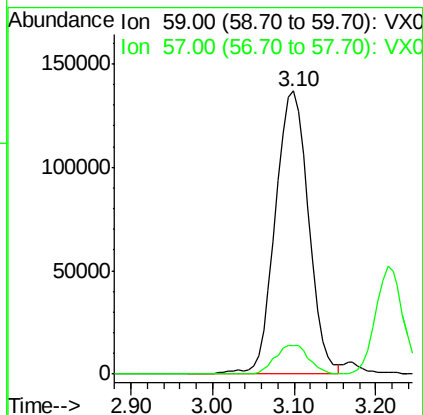
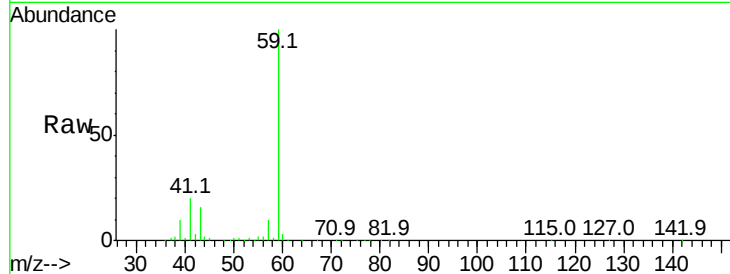


#11

Tert butyl alcohol
Concen: 506.521 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :

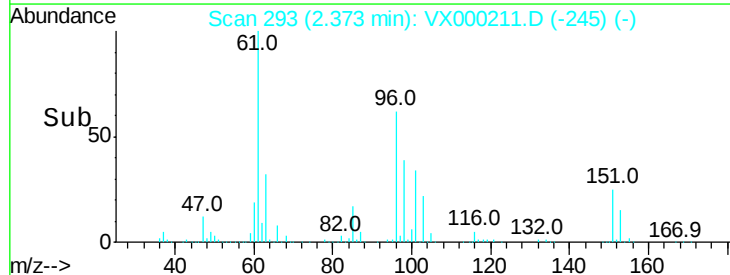
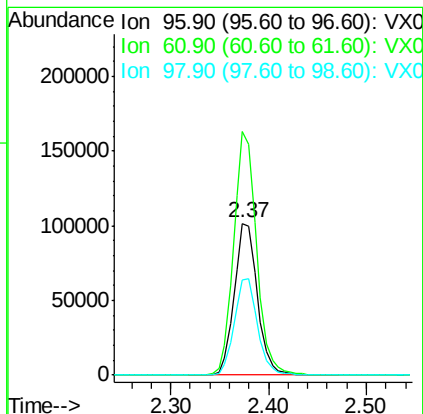
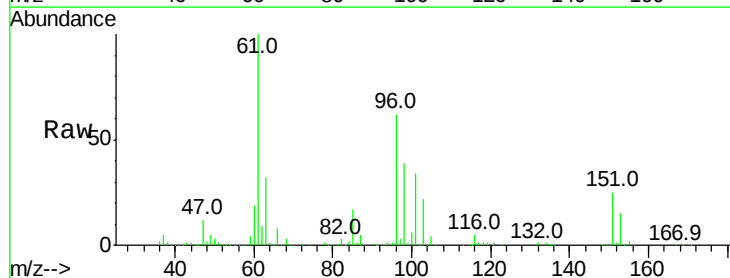
Tot Ion: 59 Resp: 388847
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

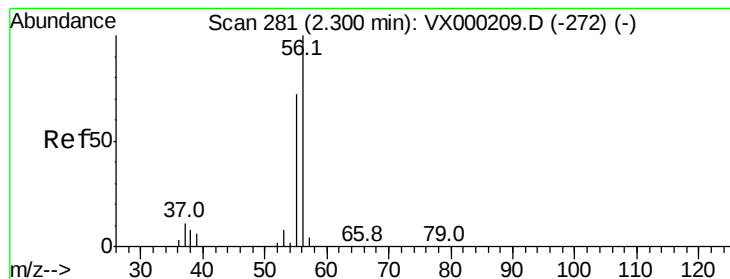


#12

1,1-Dichloroethene
Concen: 99.874 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 96 Resp: 166162
Ion Ratio Lower Upper
96 100
61 160.7 135.8 203.6
98 62.7 51.1 76.7





#13

Acrolein

Concen: 542.304 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

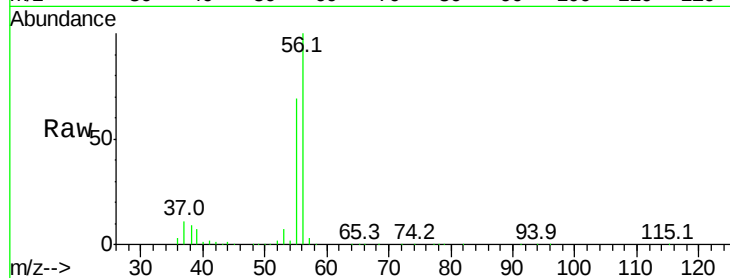
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 204571

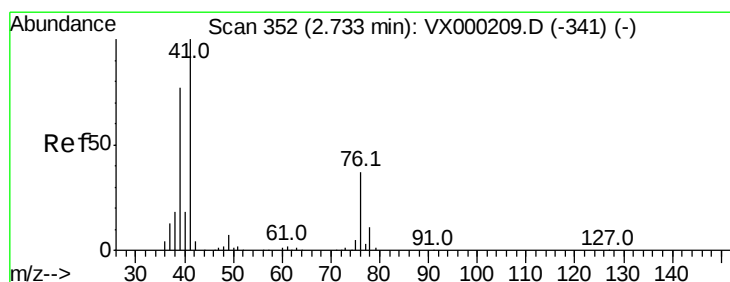
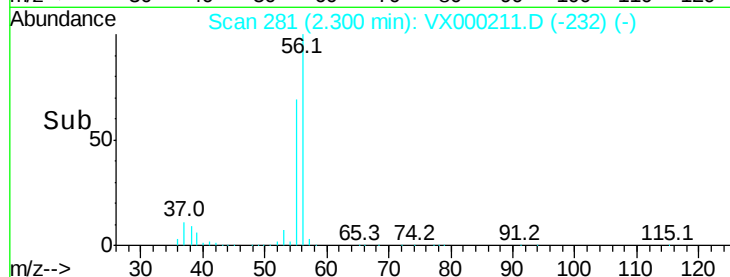
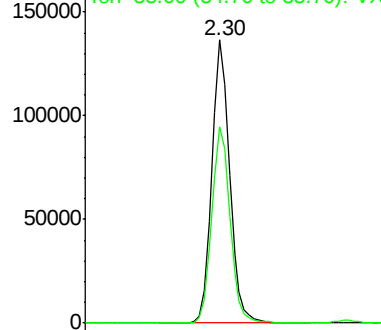
Ion Ratio Lower Upper

56 100

55 71.6 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 104.634 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

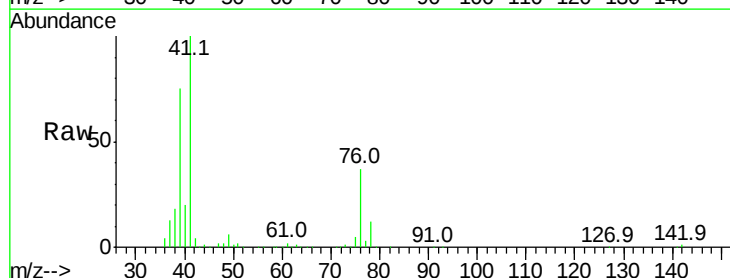
Tgt Ion: 41 Resp: 294378

Ion Ratio Lower Upper

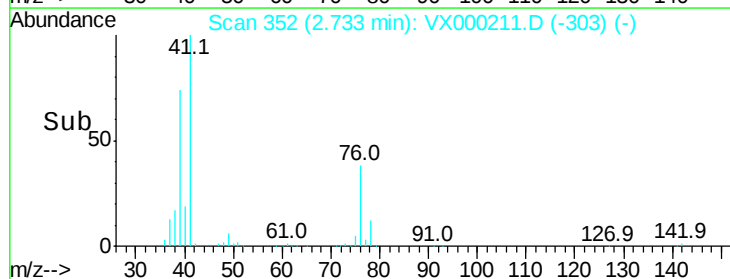
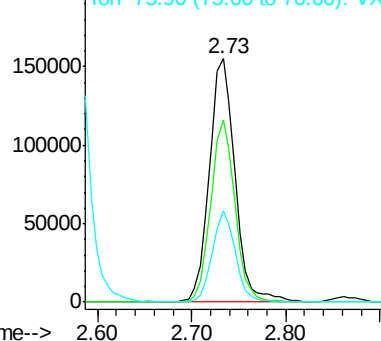
41 100

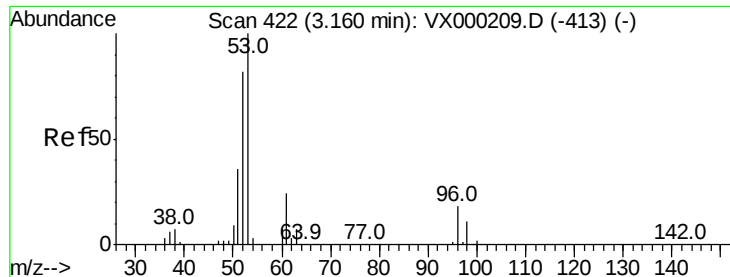
39 70.5 57.0 85.6

76 34.0 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 533.930 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :

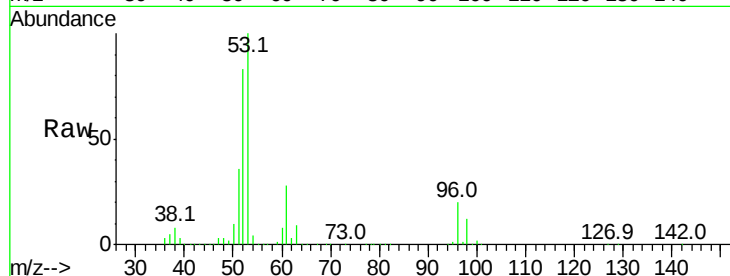
Tot Ion: 53 Resp: 704906

Ion Ratio Lower Upper

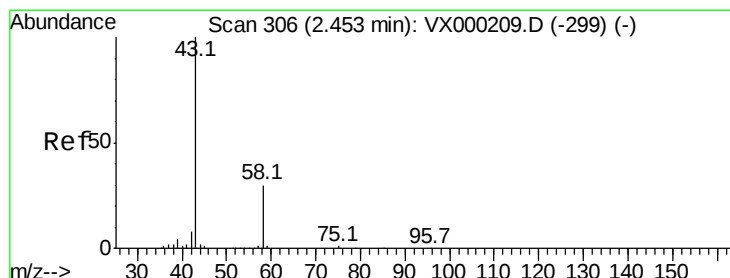
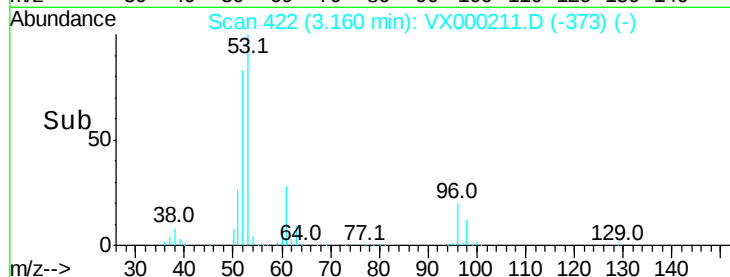
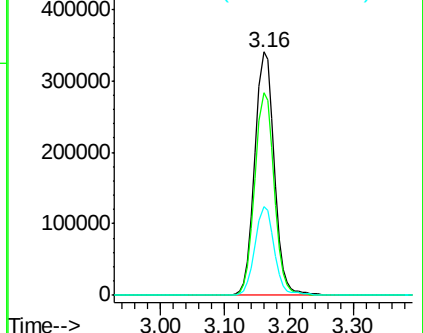
53 100

52 82.2 66.3 99.5

51 35.9 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 545.082 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000211.D

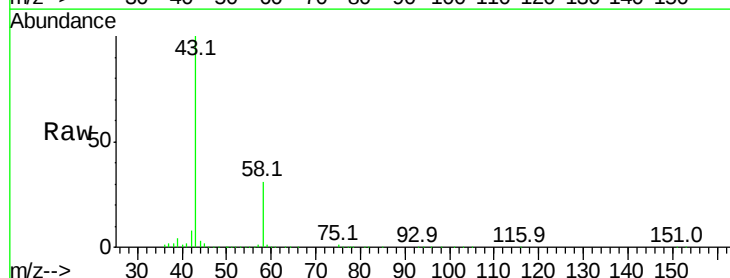
Acq: 07 Mar 2018 14:17

Tgt Ion: 43 Resp: 723471

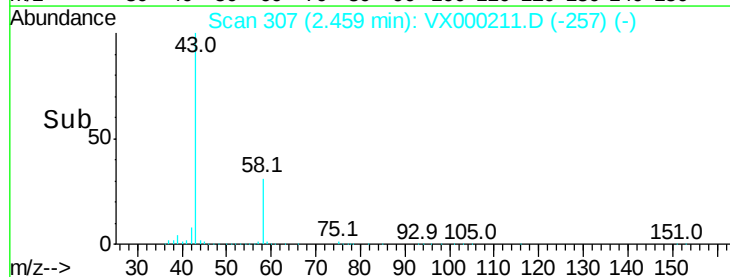
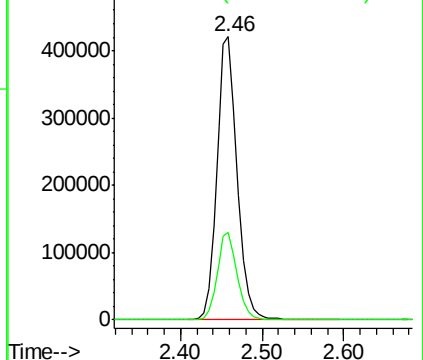
Ion Ratio Lower Upper

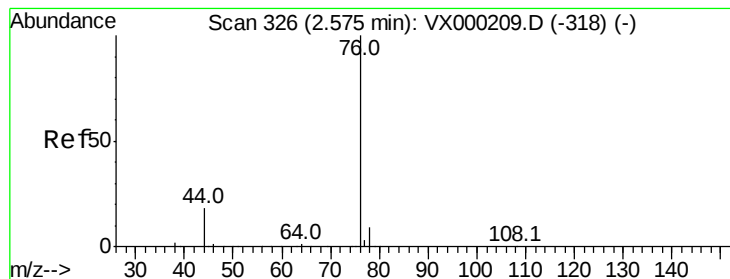
43 100

58 30.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 95.788 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

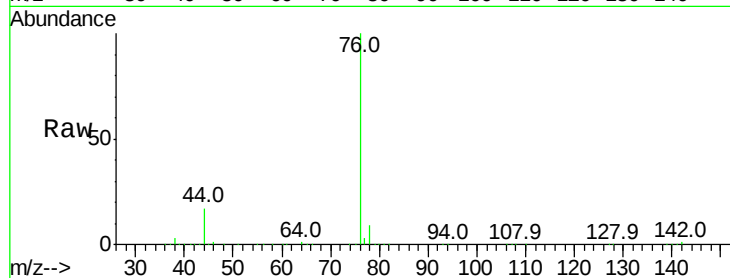
ClientSampled :

Tot Ion: 76 Resp: 468201

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300000

250000

200000

150000

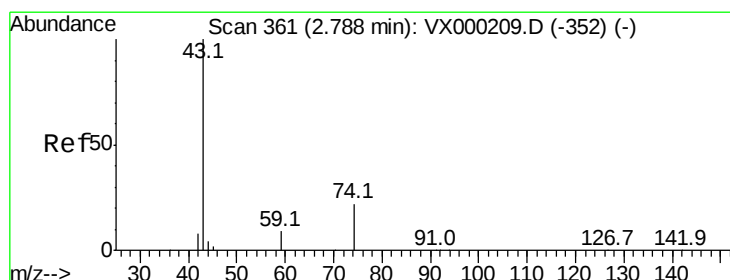
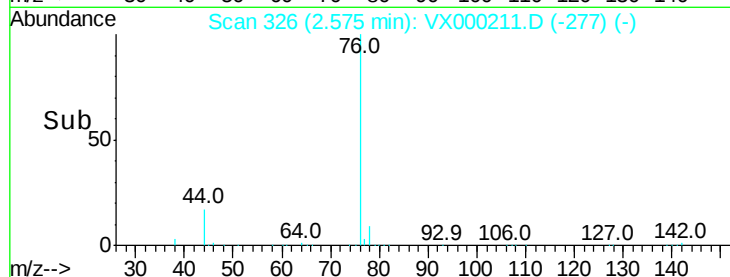
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 102.655 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000211.D

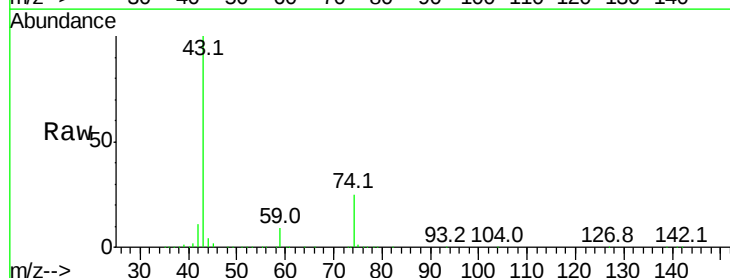
Acq: 07 Mar 2018 14:17

Tgt Ion: 43 Resp: 314510

Ion Ratio Lower Upper

43 100

74 24.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

200000

150000

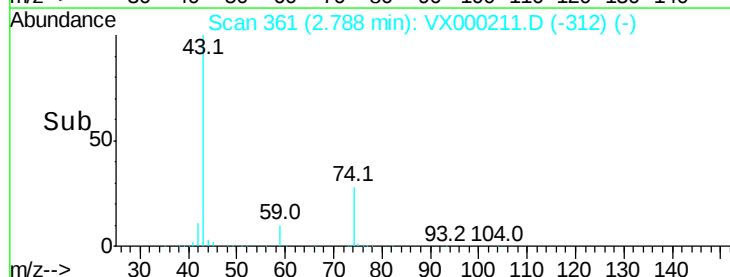
100000

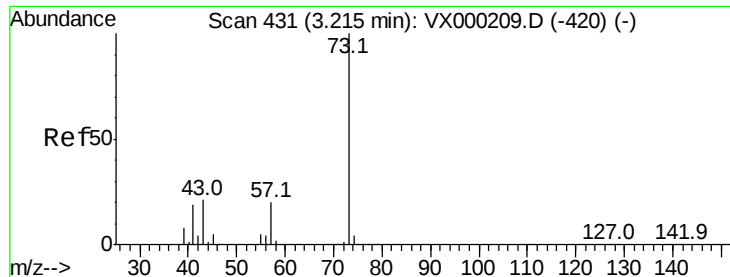
50000

0

Time-->

2.70 2.75 2.80 2.85 2.90



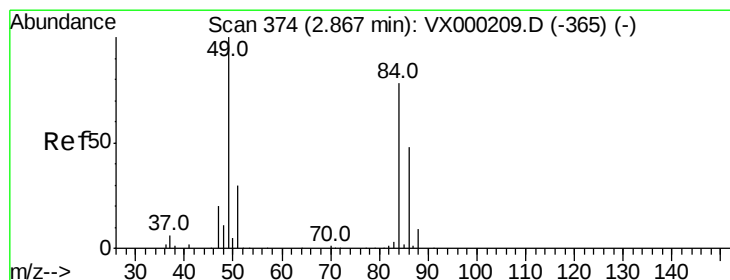
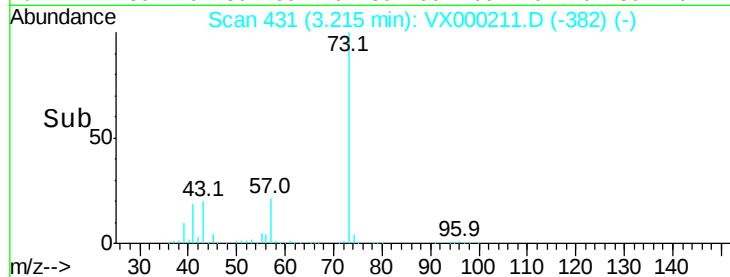
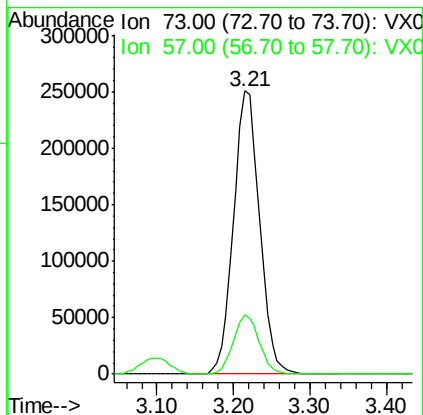
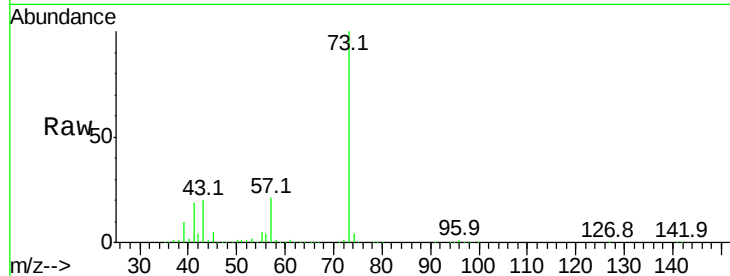


#19

Methyl tert-butyl Ether
 Concen: 103.437 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampled :

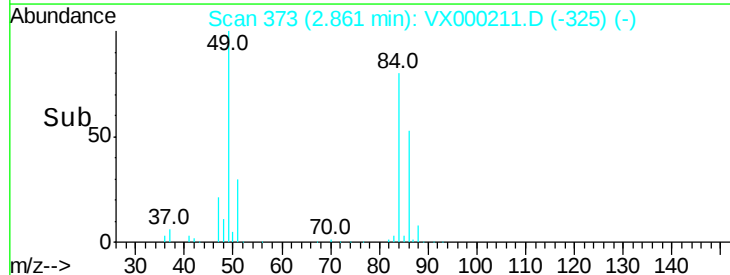
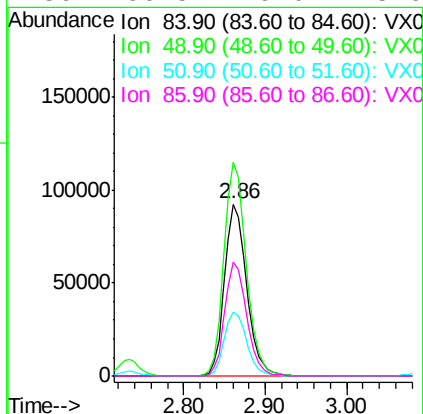
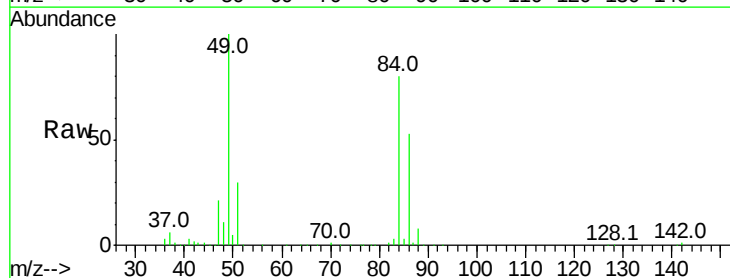
Tot Ion: 73 Resp: 592465
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.3 24.5

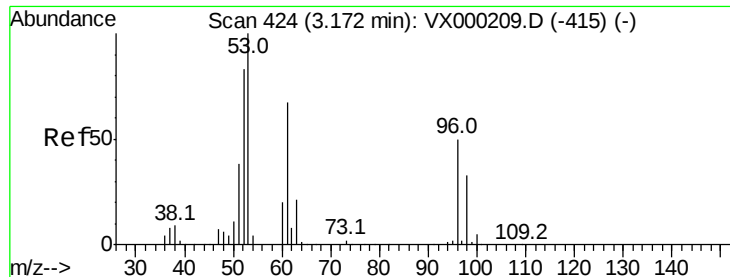


#20

Methylene Chloride
 Concen: 93.537 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion: 84 Resp: 173390
 Ion Ratio Lower Upper
 84 100
 49 124.4 102.1 153.1
 51 37.5 30.6 45.8
 86 66.5 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 102.136 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

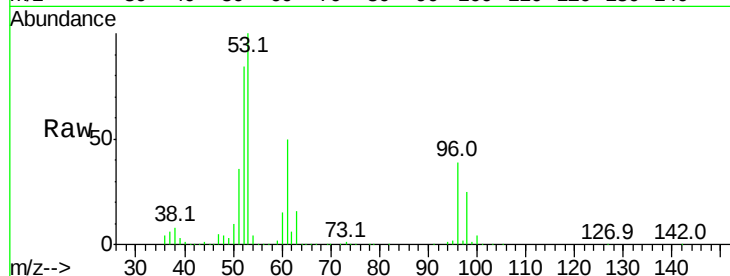
Tot Ion: 96 Resp: 184822

Ion Ratio Lower Upper

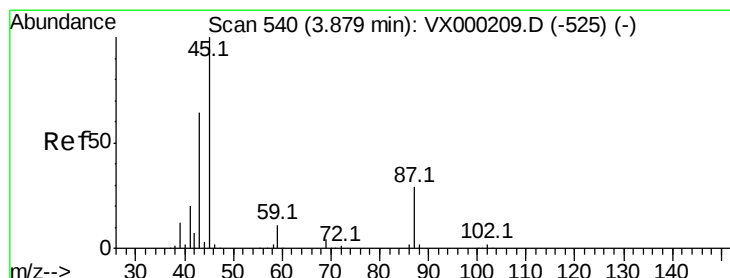
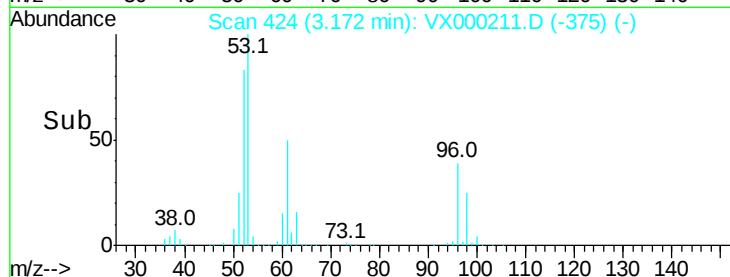
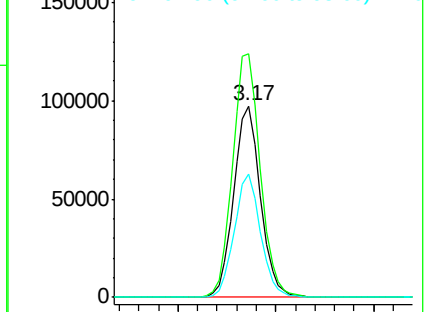
96 100

61 127.1 107.0 160.4

98 64.5 51.8 77.8



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



#22

Diisopropyl ether

Concen: 100.974 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion: 45 Resp: 490001

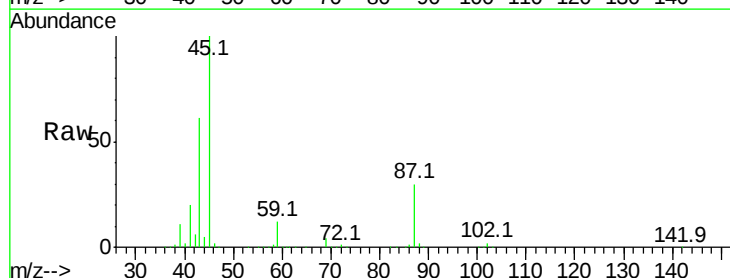
Ion Ratio Lower Upper

45 100

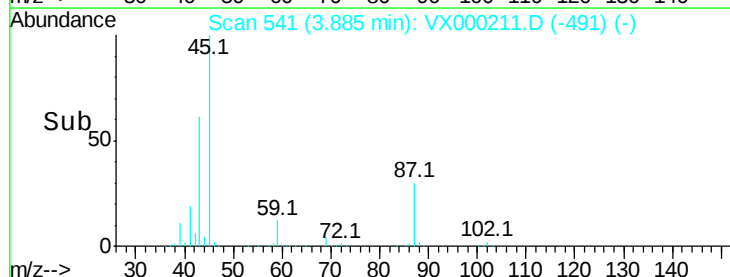
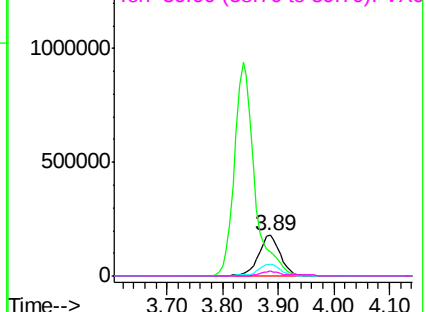
43 61.0 53.5 80.3

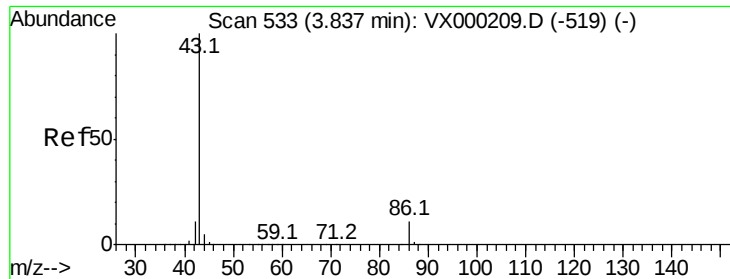
87 29.9 23.3 34.9

59 11.5 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 514.199 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

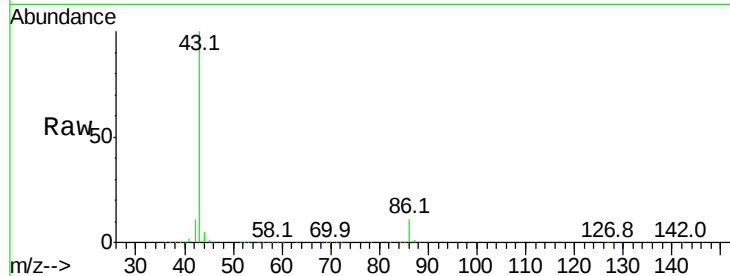
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2350224

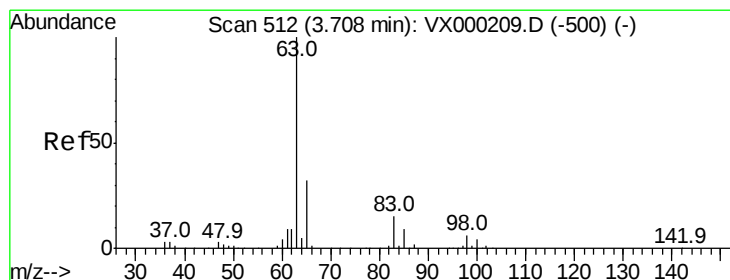
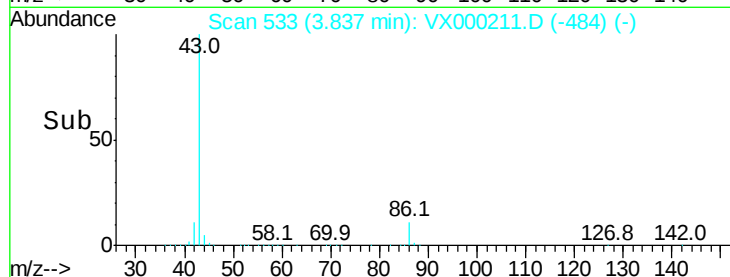
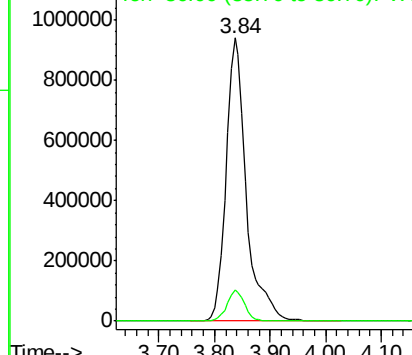
Ion Ratio Lower Upper

43 100

86 11.0 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 99.302 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

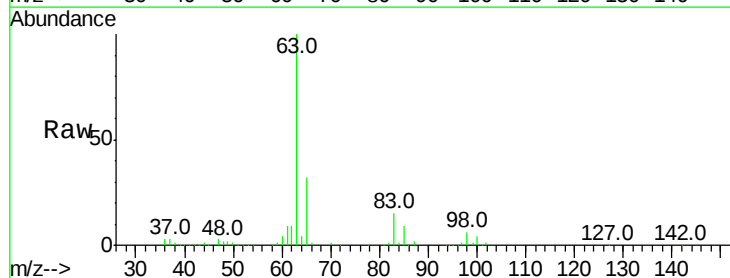
Tgt Ion: 63 Resp: 296360

Ion Ratio Lower Upper

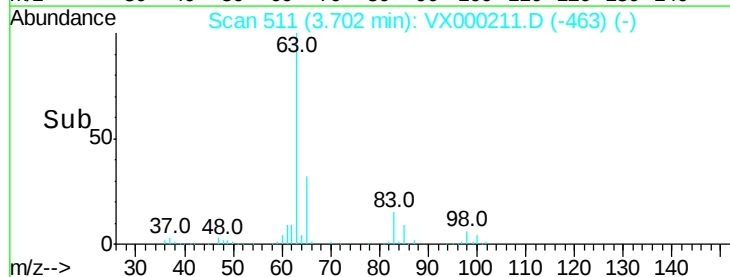
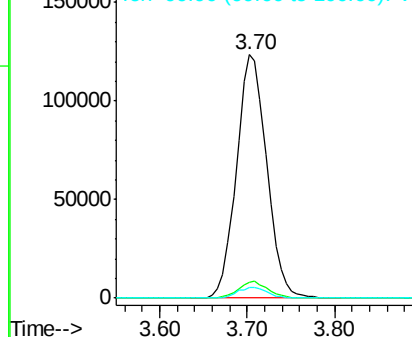
63 100

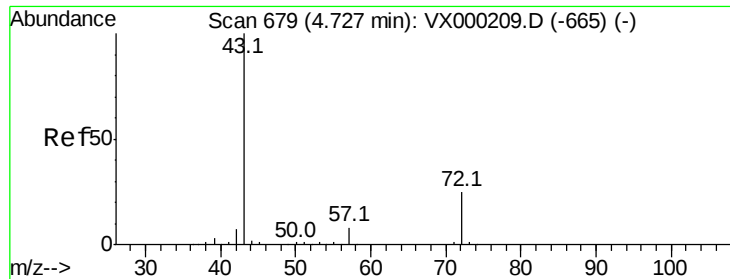
98 6.2 3.1 9.4

100 4.2 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 519.642 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

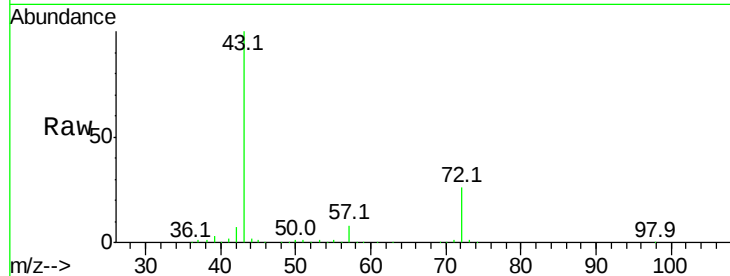
ClientSampleId :

Tot Ion: 43 Resp: 943039

Ion Ratio Lower Upper

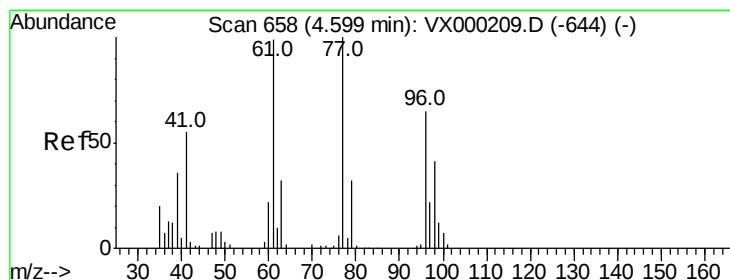
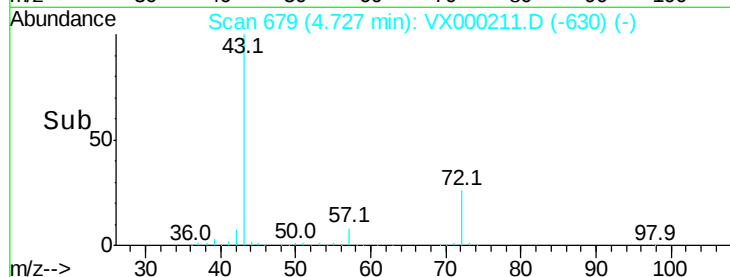
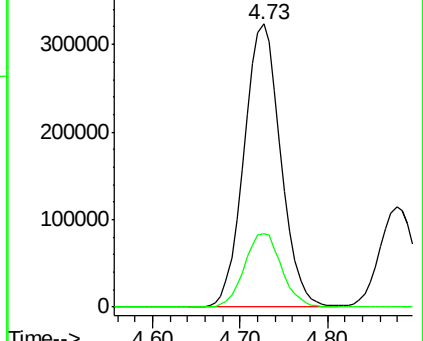
43 100

72 25.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 94.749 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000211.D

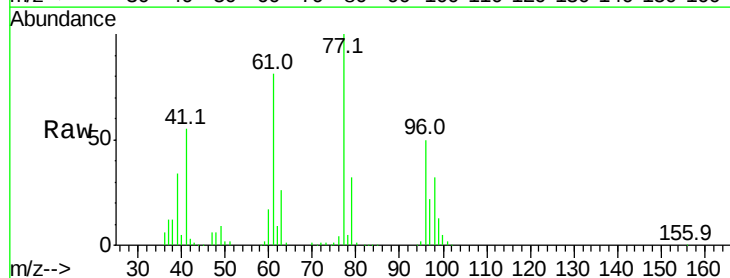
Acq: 07 Mar 2018 14:17

Tgt Ion: 77 Resp: 235232

Ion Ratio Lower Upper

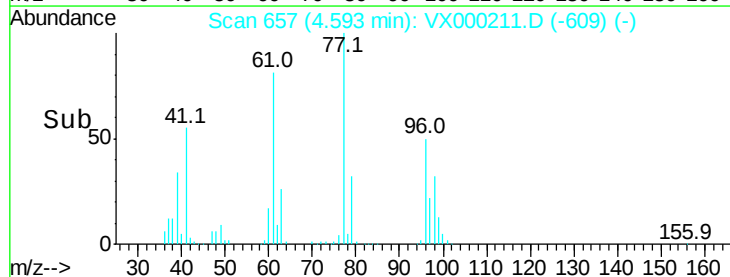
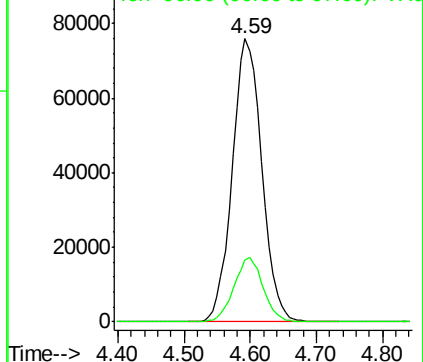
77 100

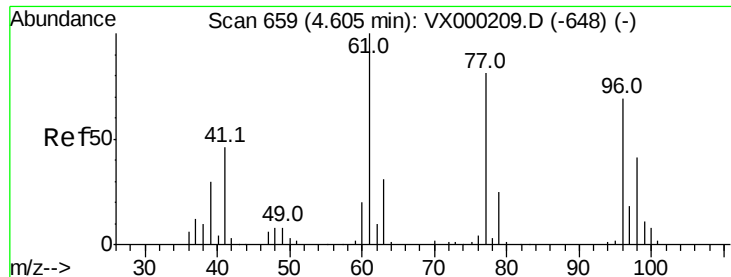
97 22.4 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



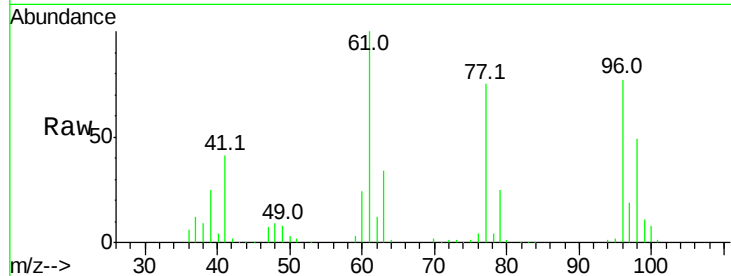


#27

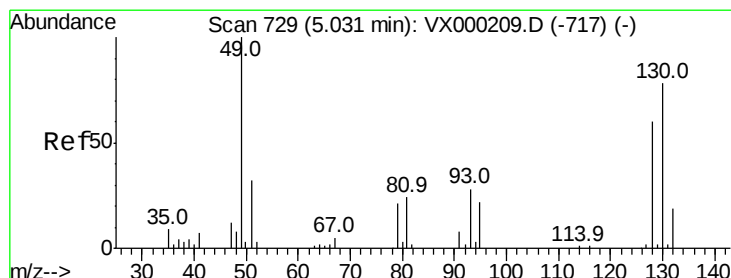
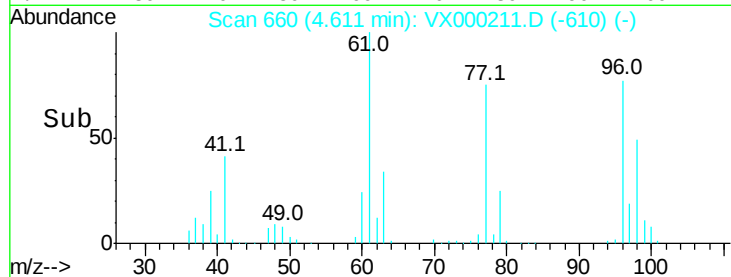
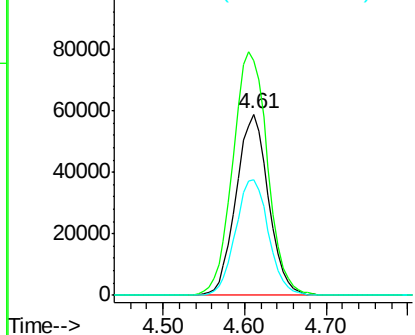
cis-1,2-Dichloroethene
Concen: 94.980 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 162264
Ion Ratio Lower Upper
96 100
61 144.0 0.0 296.4
98 65.2 0.0 130.6



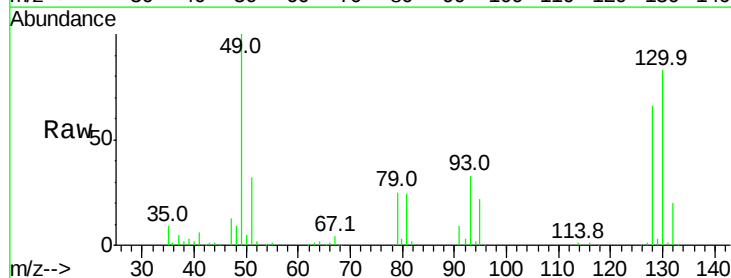
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



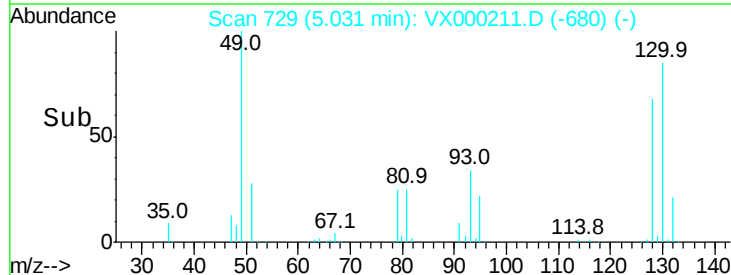
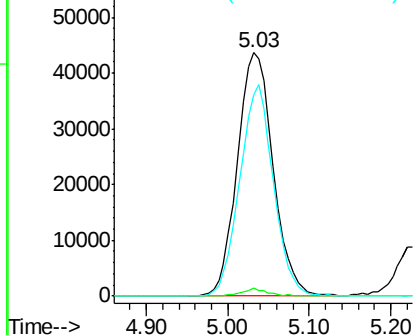
#28

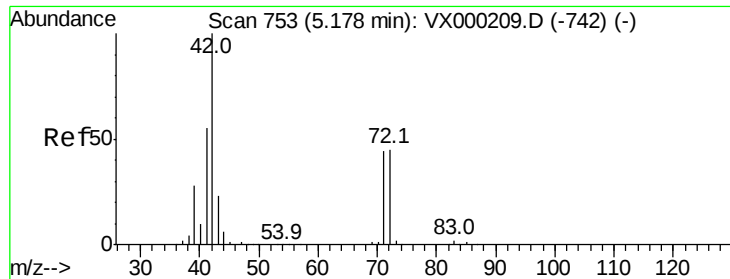
Bromochloromethane
Concen: 101.631 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 49 Resp: 133008
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 82.0 63.5 95.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

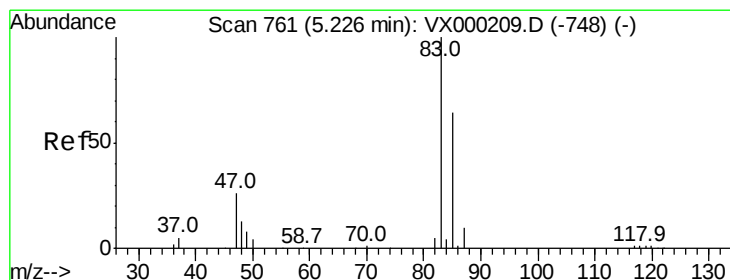
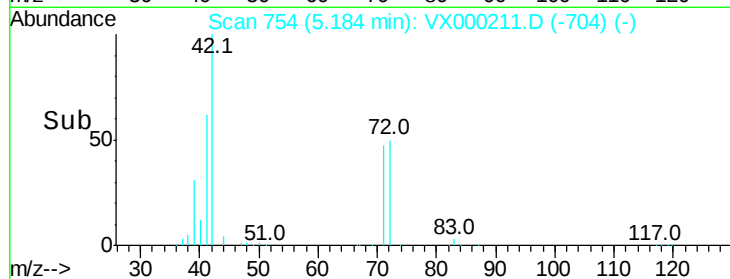
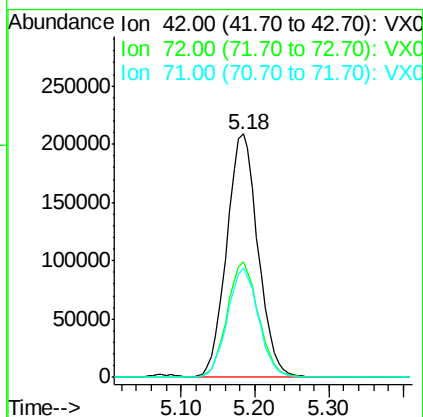
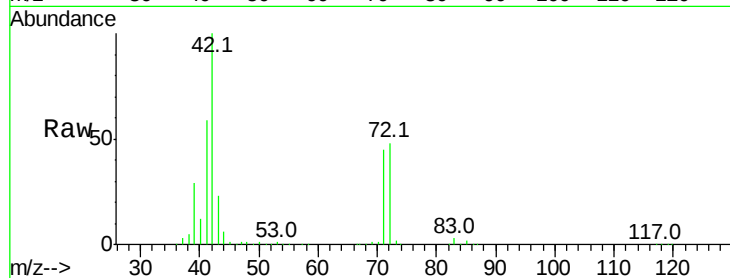




#29
Tetrahydrofuran
Concen: 521.993 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

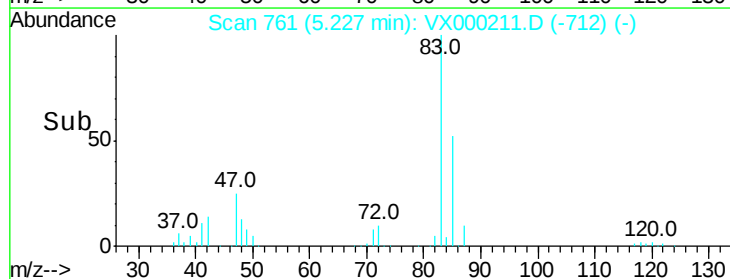
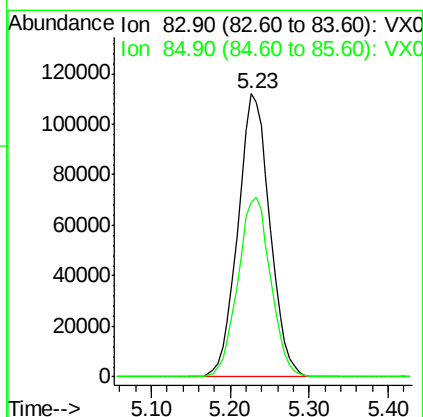
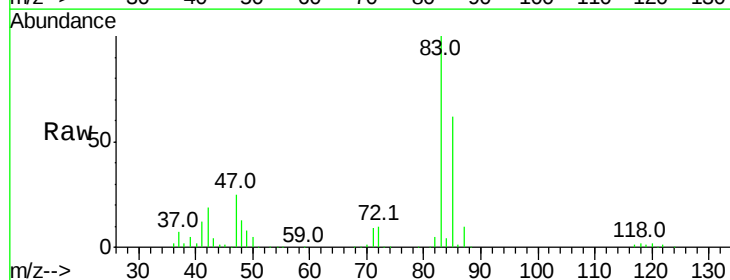
Instrument :
MSVOA_X
ClientSampled :

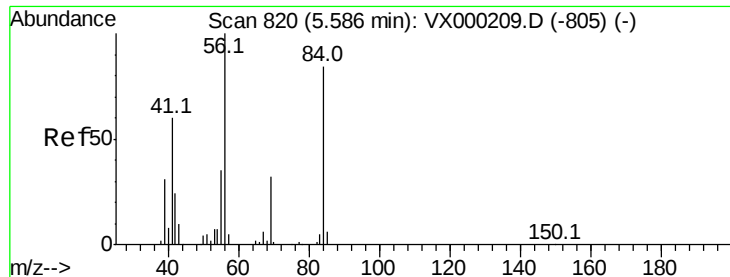
Tot Ion: 42 Resp: 614003
Ion Ratio Lower Upper
42 100
72 47.8 37.3 55.9
71 44.5 35.0 52.4



#30
Chloroform
Concen: 103.826 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 83 Resp: 316050
Ion Ratio Lower Upper
83 100
85 61.8 51.0 76.6

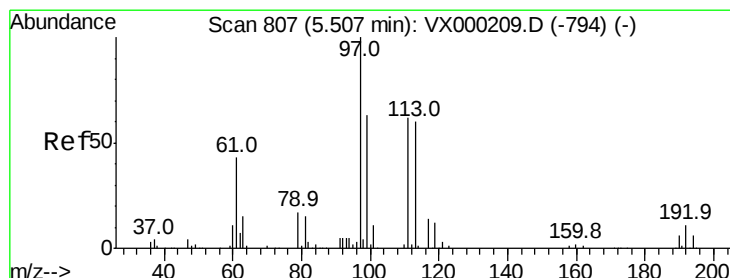
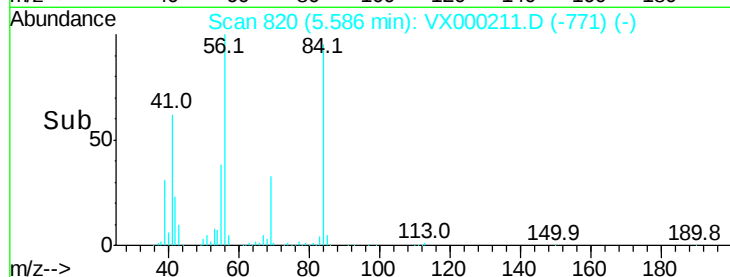
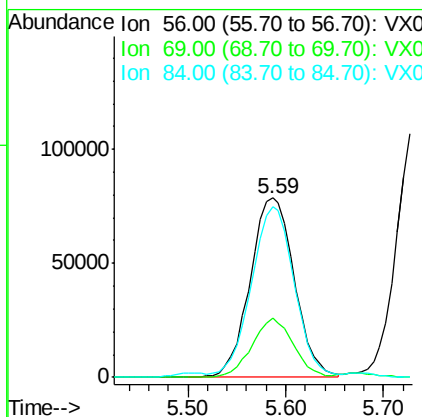
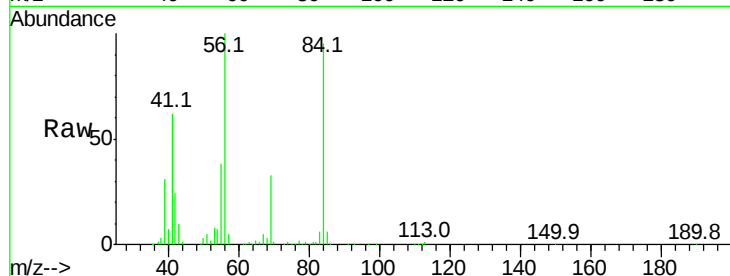




#31
Cyclohexane
Concen: 98.836 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

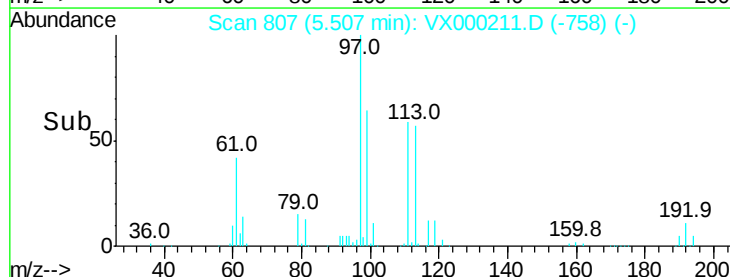
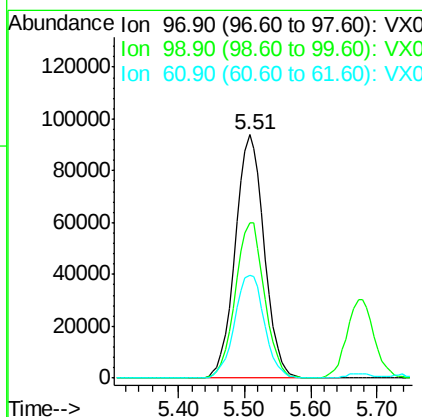
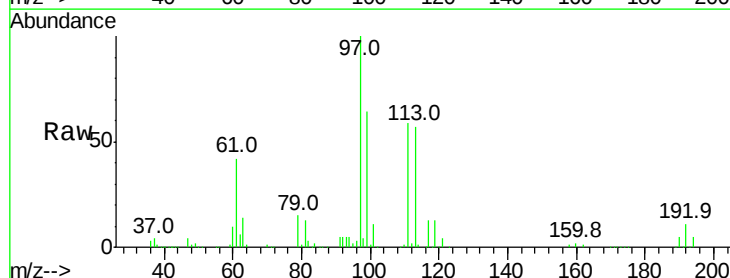
Instrument :
MSVOA_X
ClientSampled :

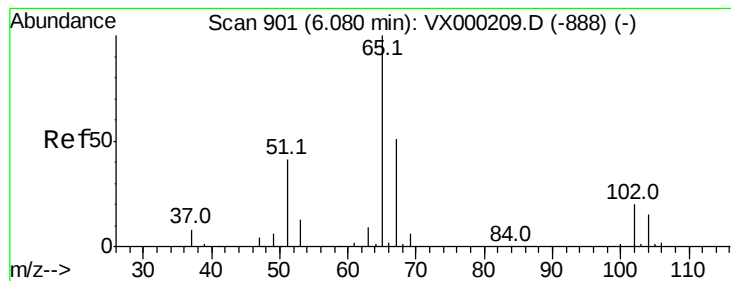
Tot Ion: 56 Resp: 246347
Ion Ratio Lower Upper
56 100
69 33.1 25.3 37.9
84 93.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 101.961 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 97 Resp: 284393
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 43.9 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 104.307 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

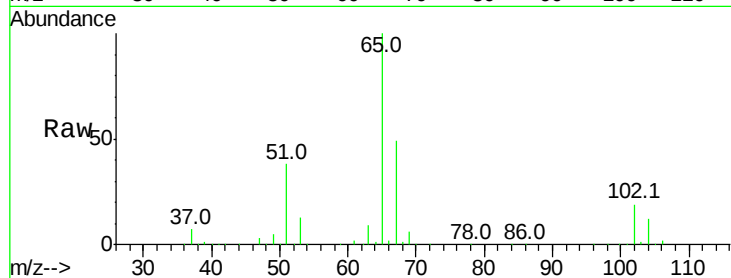
ClientSampleId :

Tot Ion: 65 Resp: 210605

Ion Ratio Lower Upper

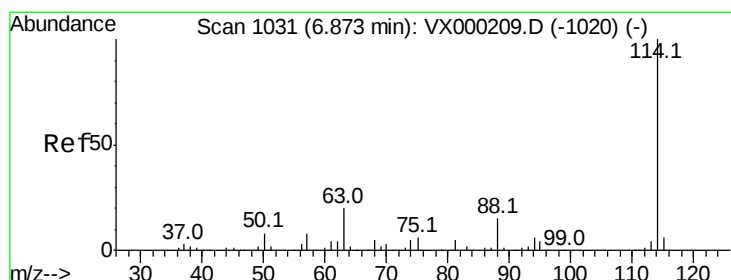
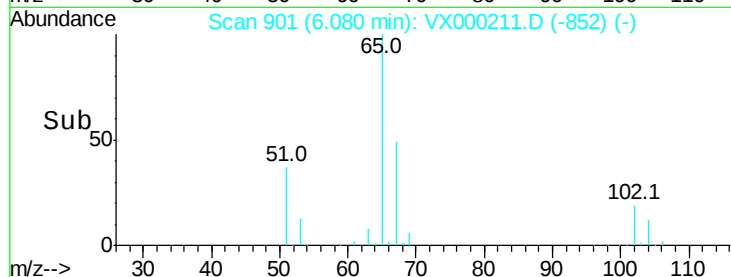
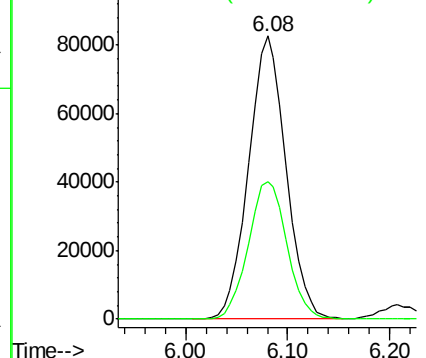
65 100

67 50.2 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

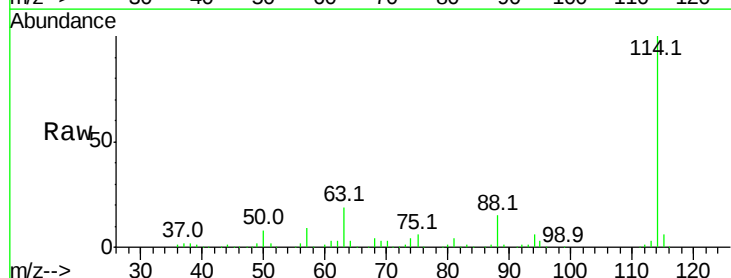
Tgt Ion:114 Resp: 262603

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

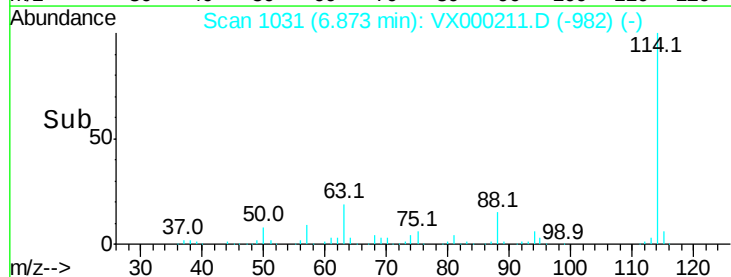
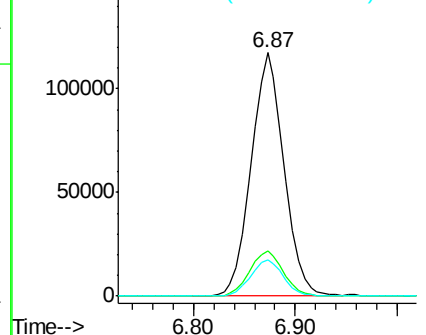
88 15.1 0.0 29.8

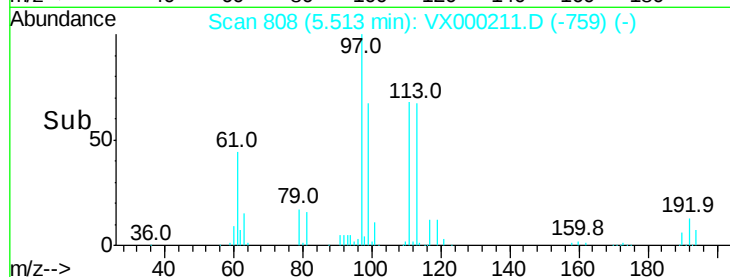
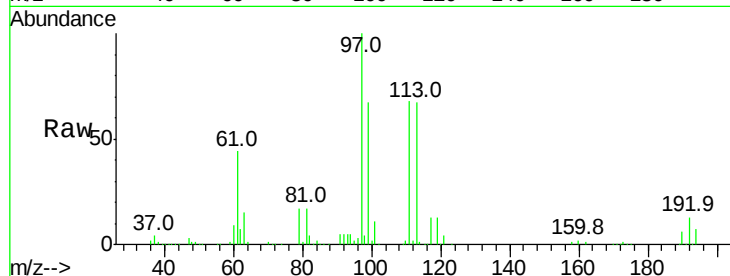
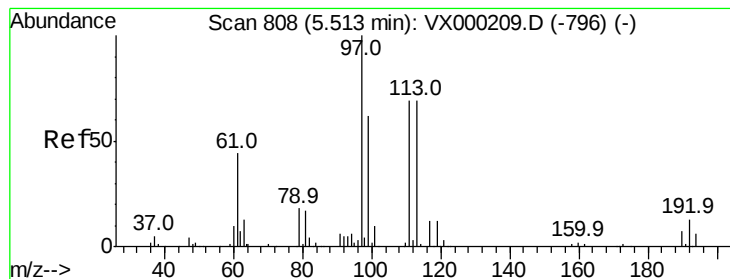


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 101.568 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

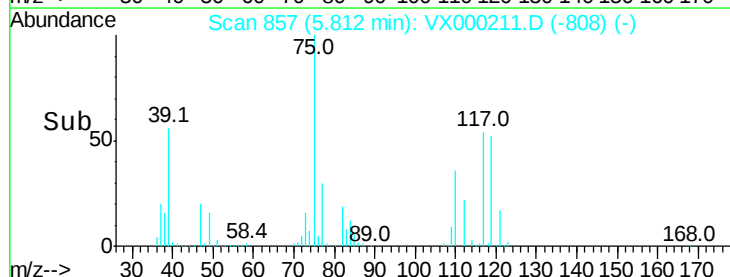
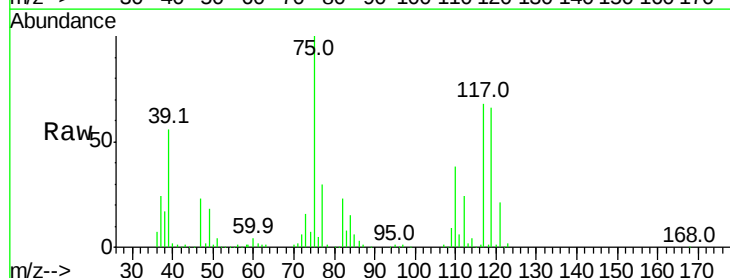
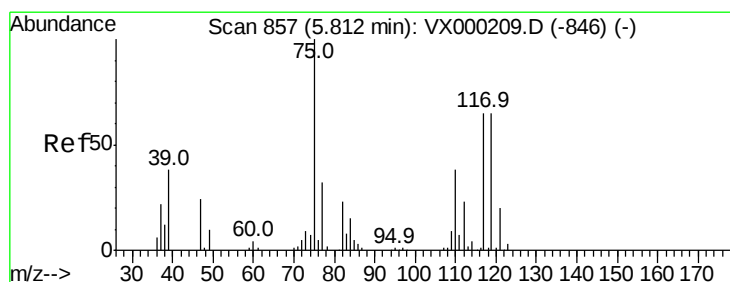
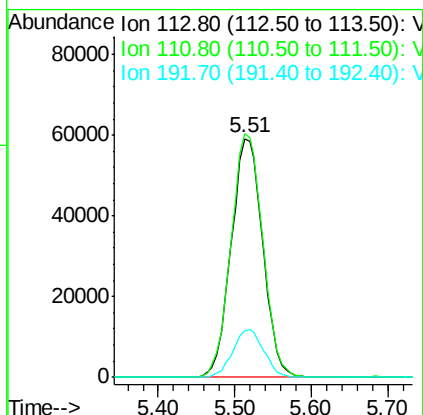
Tot Ion:113 Resp: 168924

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 19.8 15.5 23.3



#36

1,1-Dichloropropene

Concen: 98.324 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

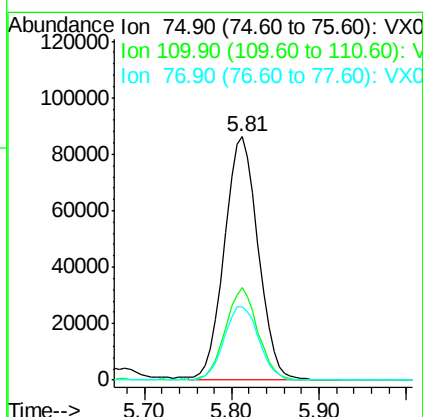
Tgt Ion: 75 Resp: 232194

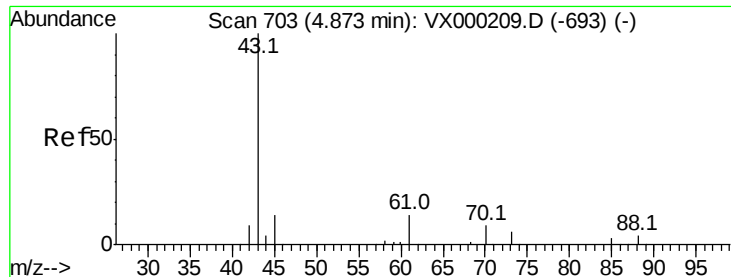
Ion Ratio Lower Upper

75 100

110 36.3 17.8 53.5

77 30.6 24.9 37.3

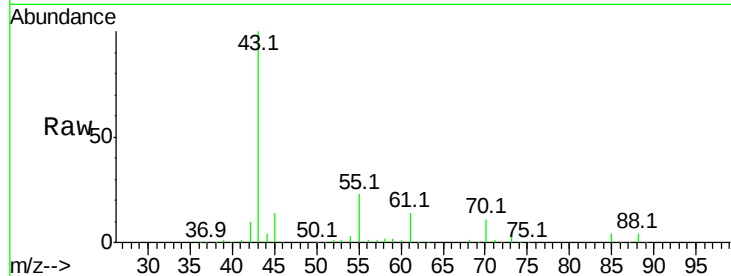




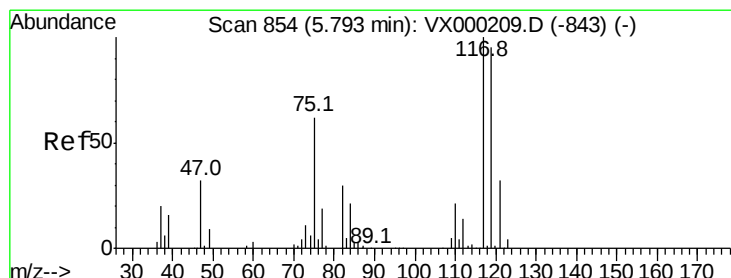
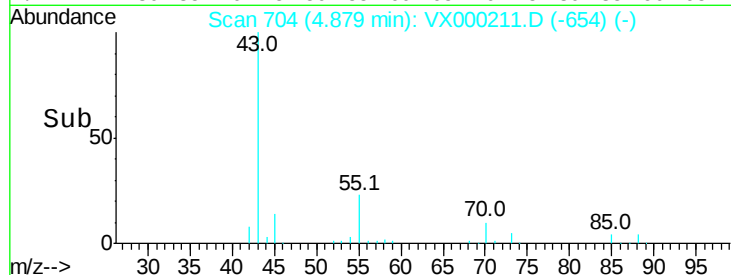
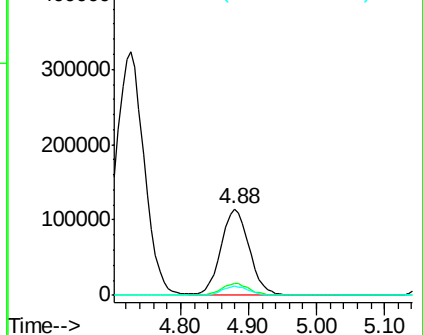
#37
Ethyl Acetate
Concen: 101.487 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 330595
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.6
70 10.1 7.8 11.6

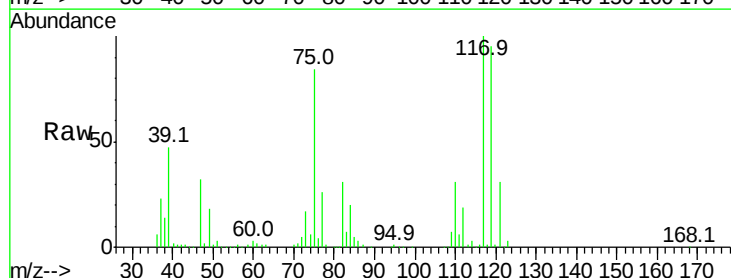


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

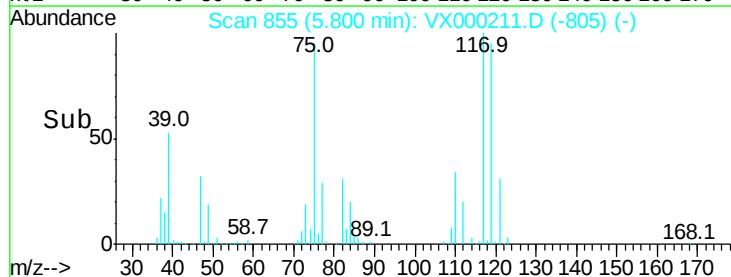
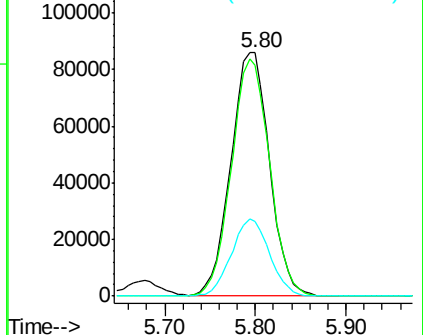


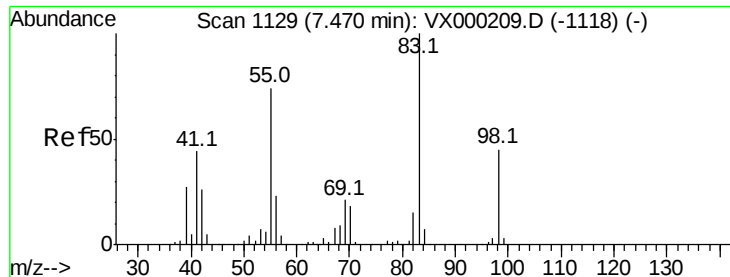
#38
Carbon Tetrachloride
Concen: 100.779 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 117 Resp: 254231
Ion Ratio Lower Upper
117 100
119 95.0 75.9 113.9
121 30.8 25.8 38.6



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

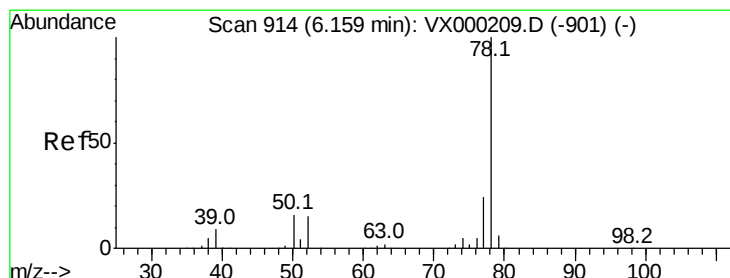
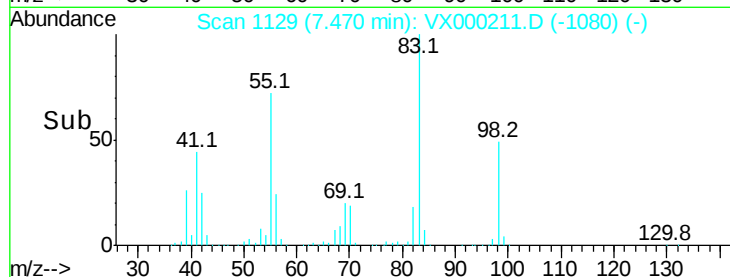
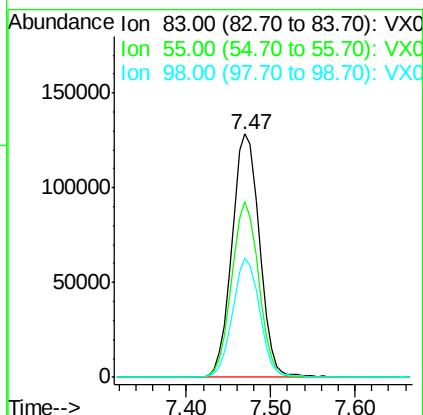
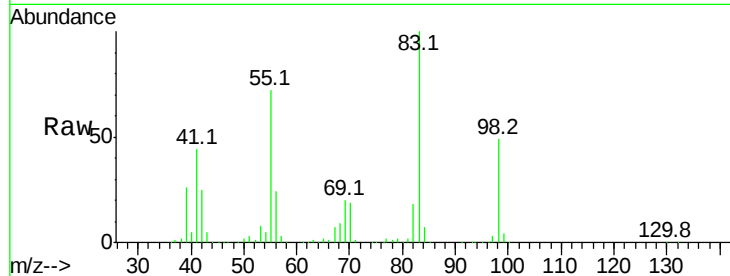




#39
Methvlcvclohexane
Concen: 99.737 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

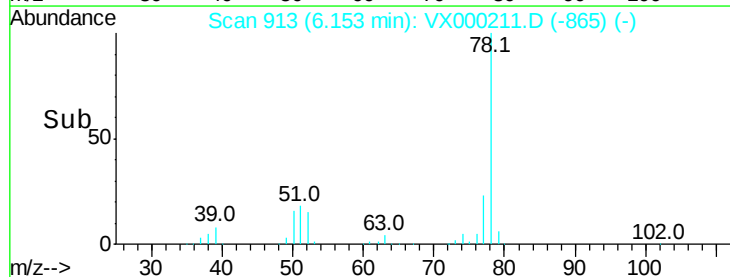
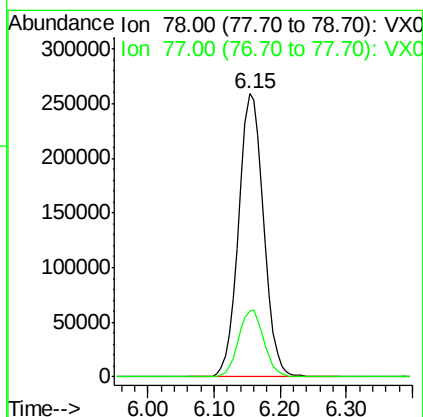
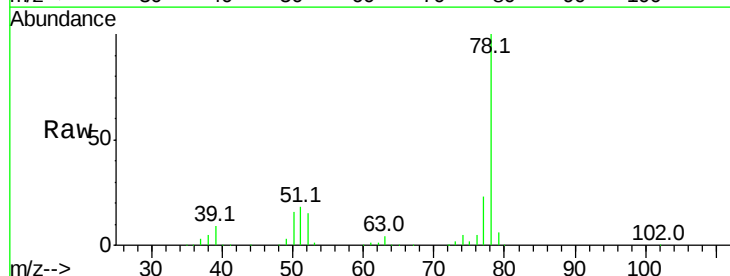
Instrument :
MSVOA_X
ClientSampleId :

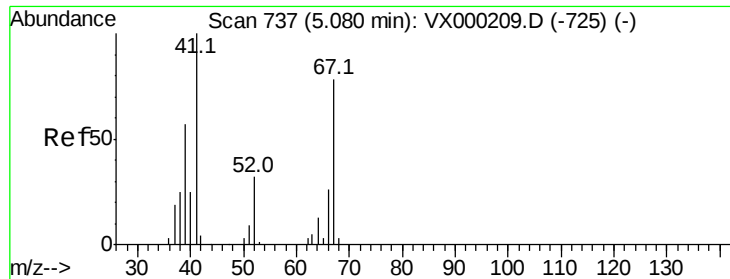
Tot Ion: 83 Resp: 284320
Ion Ratio Lower Upper
83 100
55 72.1 59.4 89.0
98 48.8 36.3 54.5



#40
Benzene
Concen: 100.476 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 78 Resp: 679114
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.2

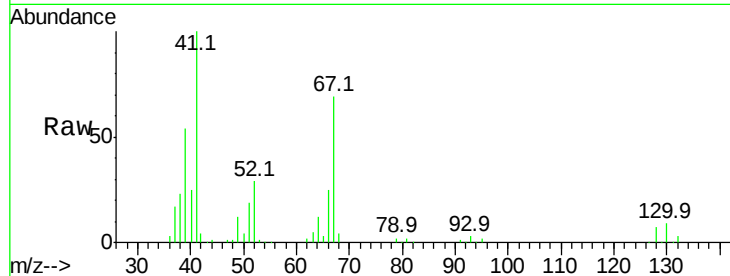




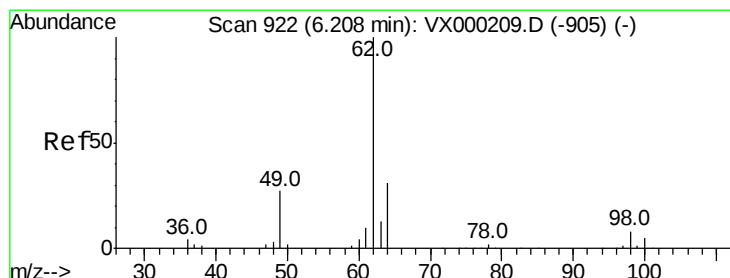
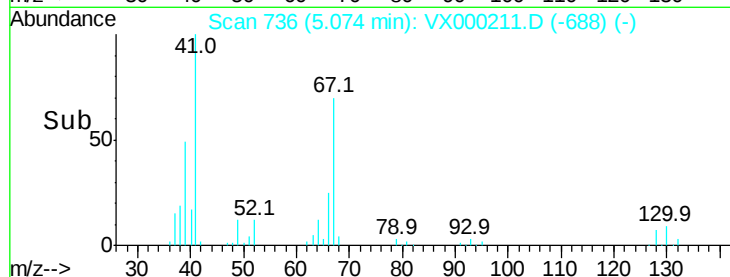
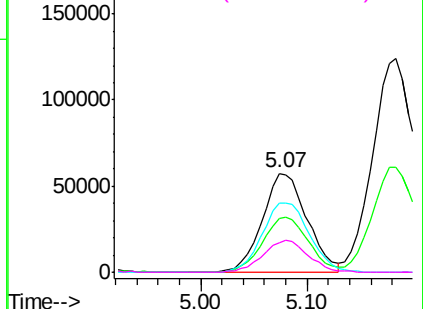
#41
Methacrylonitrile
Concen: 97.605 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 166104
Ion Ratio Lower Upper
41 100
39 57.0 47.8 71.6
67 75.0 59.3 88.9
52 32.0 26.4 39.6

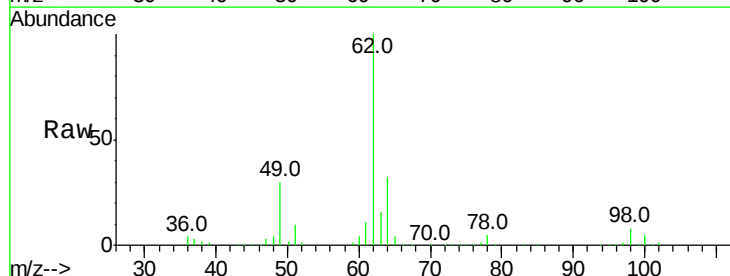


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

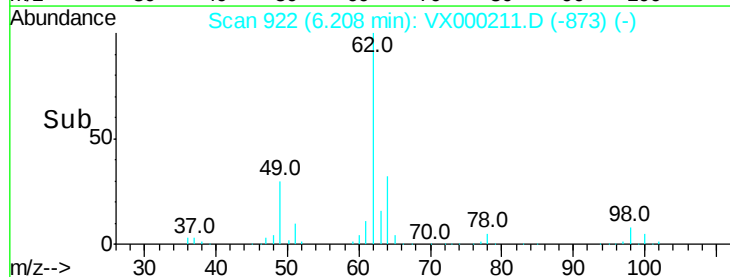
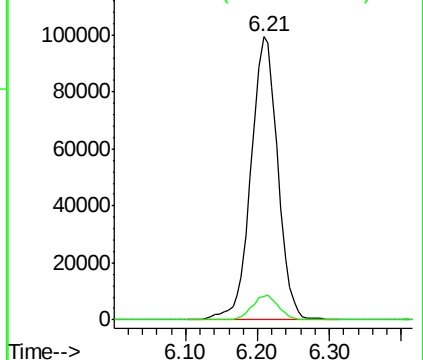


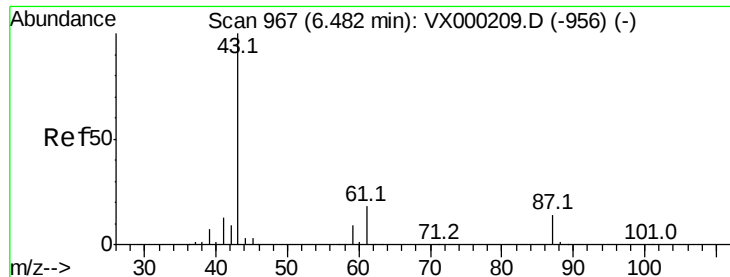
#42
1,2-Dichloroethane
Concen: 103.181 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 62 Resp: 258370
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 104.660 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :

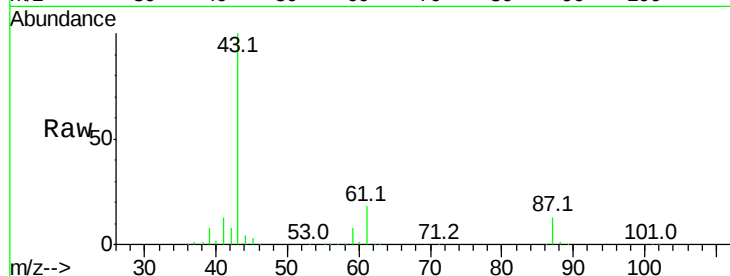
Tot Ion: 43 Resp: 493630

Ion Ratio Lower Upper

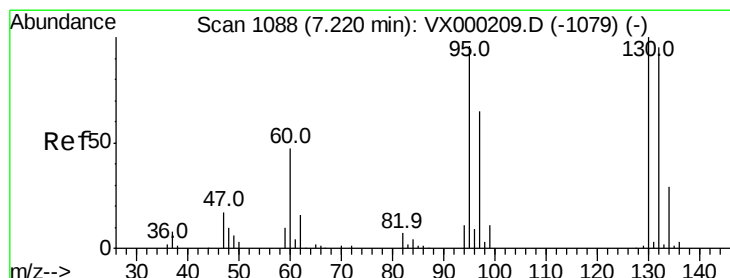
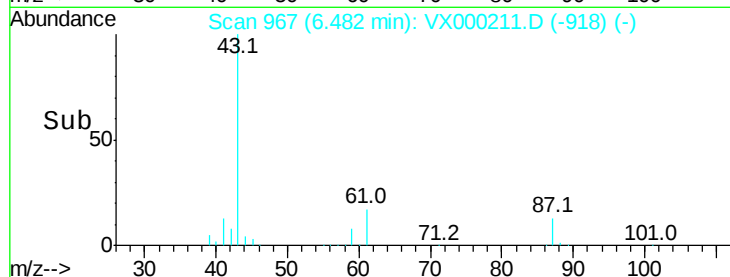
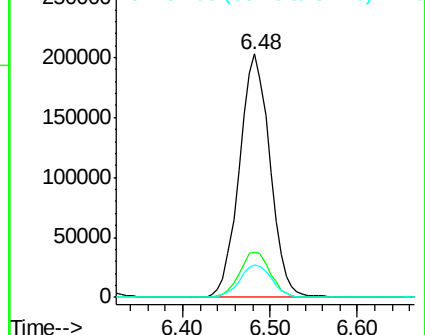
43 100

61 18.7 14.8 22.2

87 13.9 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 98.212 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000211.D

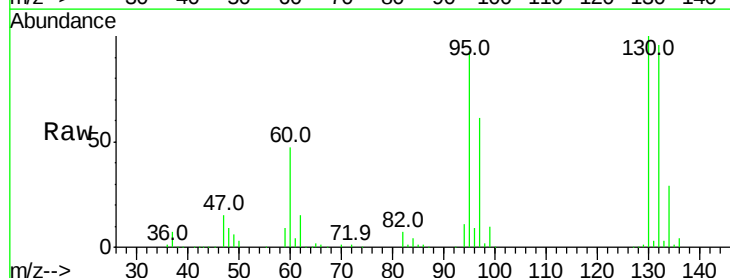
Acq: 07 Mar 2018 14:17

Tgt Ion:130 Resp: 194429

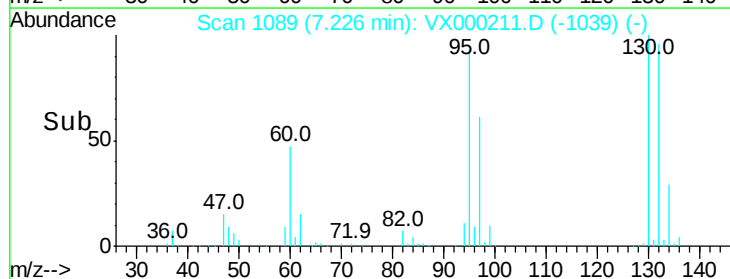
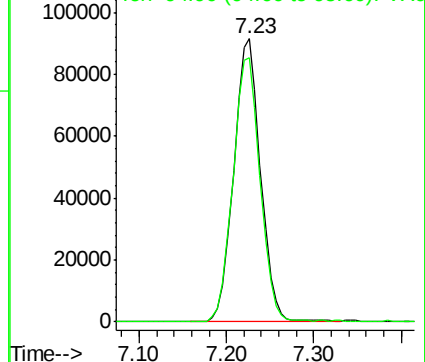
Ion Ratio Lower Upper

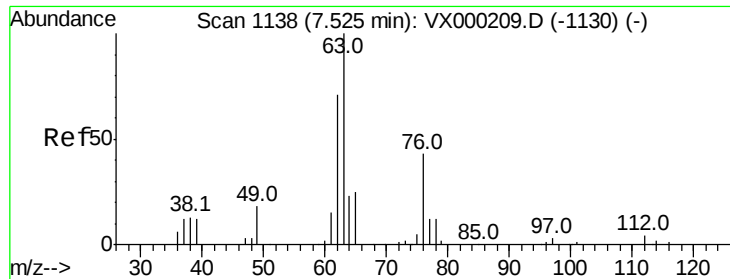
130 100

95 93.2 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

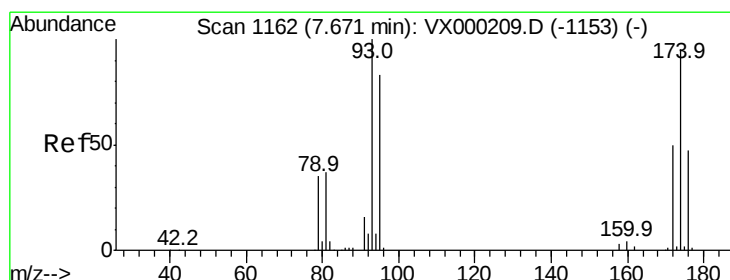
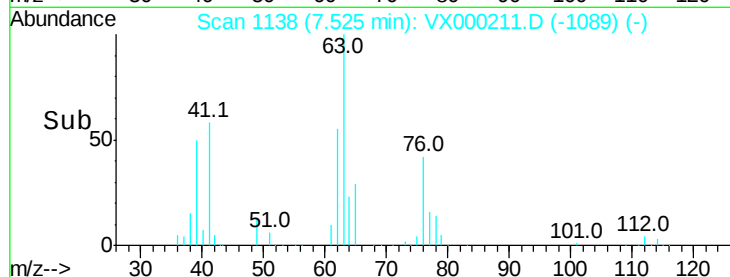
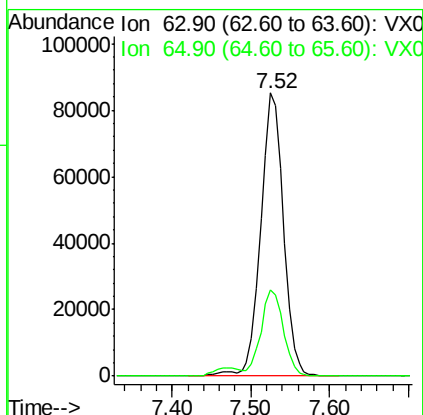
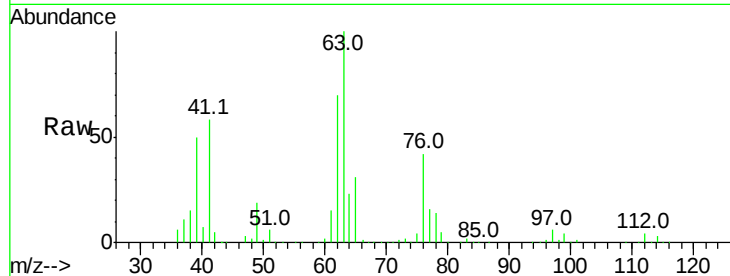




#45
 1,2-Dichloropropane
 Concen: 103.162 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

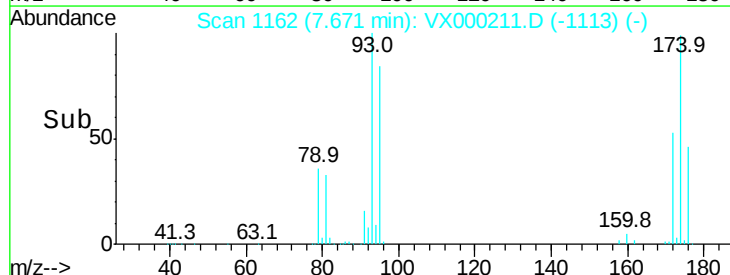
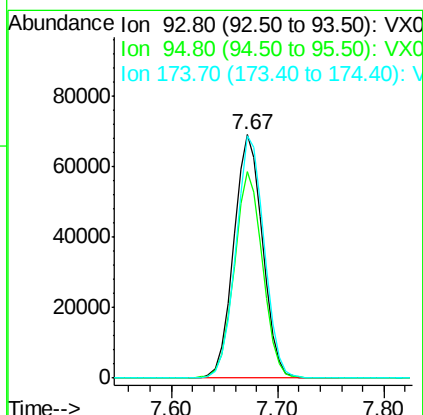
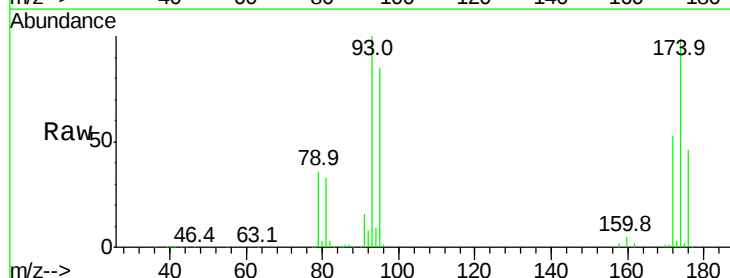
Instrument :
 MSVOA_X
 ClientSampled :

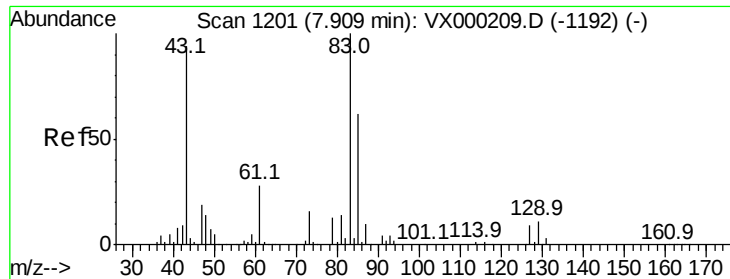
Tot Ion: 63 Resp: 171655
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.3 33.5



#46
 Dibromomethane
 Concen: 100.925 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion: 93 Resp: 131114
 Ion Ratio Lower Upper
 93 100
 95 83.1 64.1 96.1
 174 98.0 75.8 113.8





#47

Bromodichloromethane

Concen: 107.417 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :

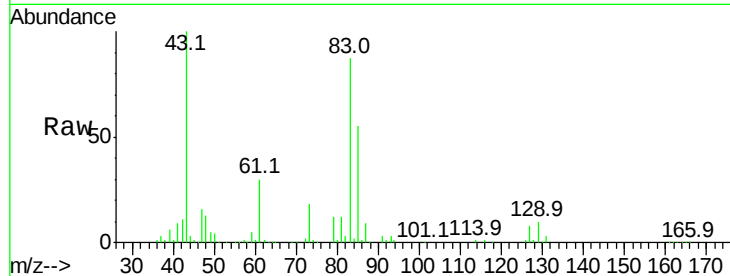
Tot Ion: 83 Resp: 257174

Ion Ratio Lower Upper

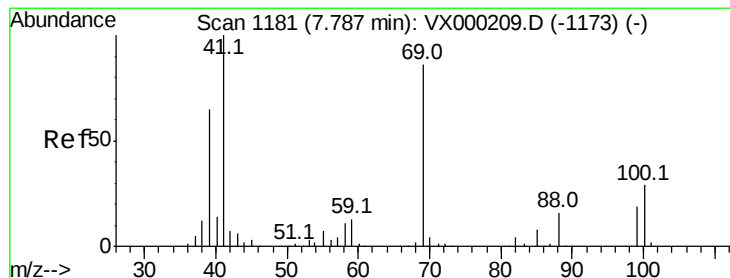
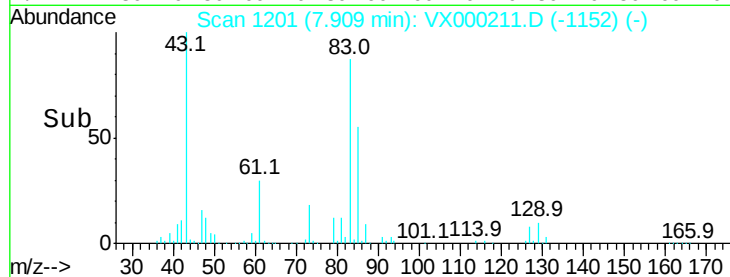
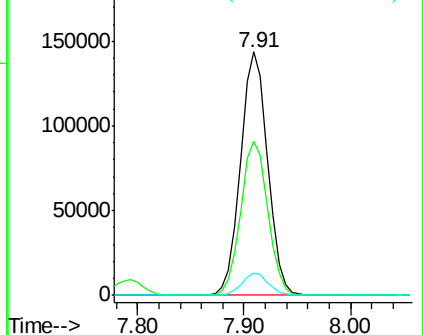
83 100

85 63.2 49.6 74.4

127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 105.034 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

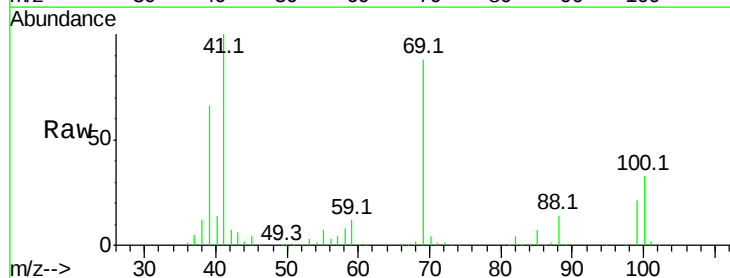
Tgt Ion: 41 Resp: 242192

Ion Ratio Lower Upper

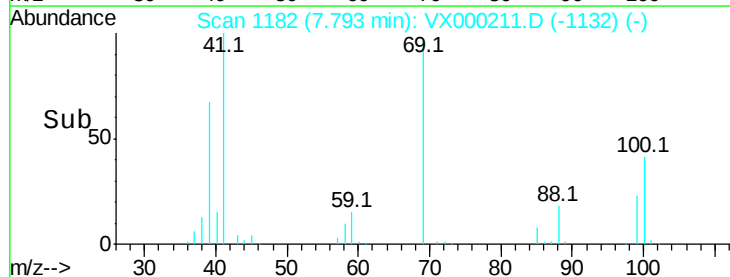
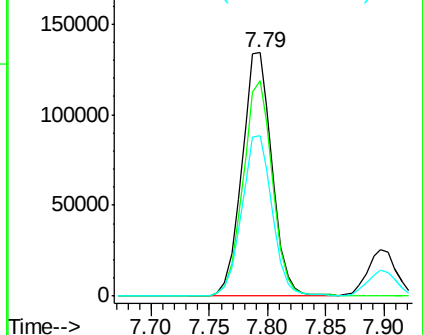
41 100

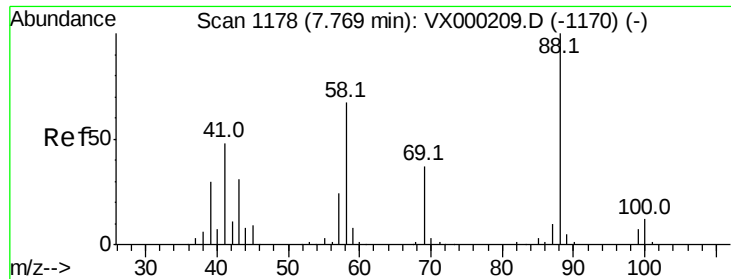
69 86.5 70.0 105.0

39 66.6 53.6 80.4



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





#49

1,4-Dioxane

Concen: 1905.175 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

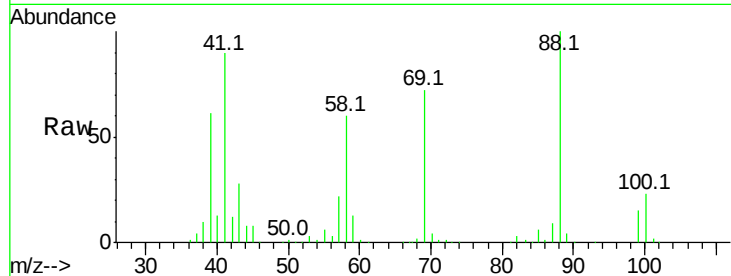
Tot Ion: 88 Resp: 112901

Ion Ratio Lower Upper

88 100

43 31.6 26.9 40.3

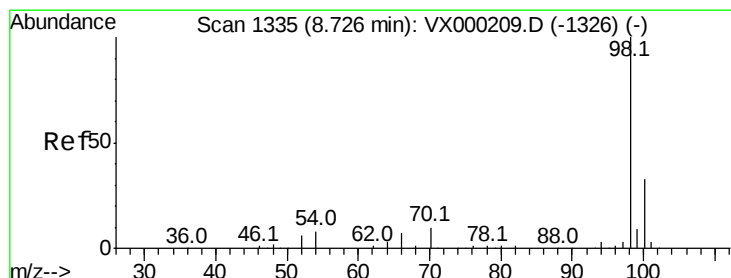
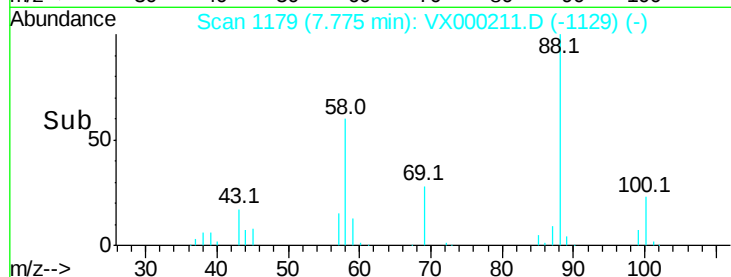
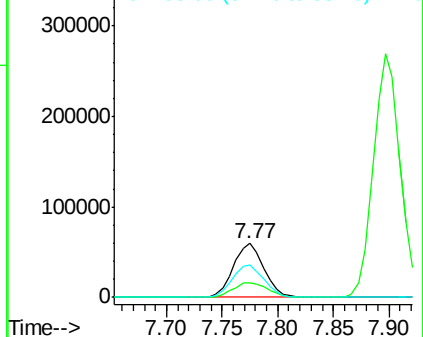
58 62.7 52.2 78.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 108.192 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000211.D

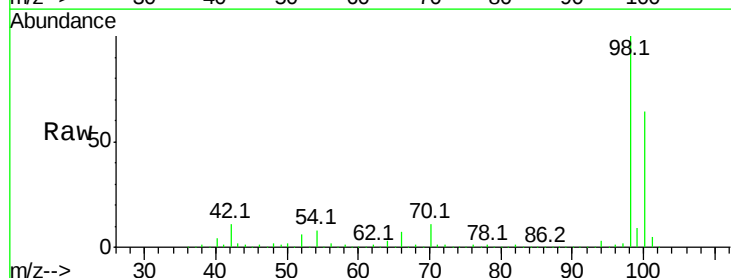
Acq: 07 Mar 2018 14:17

Tgt Ion: 98 Resp: 721601

Ion Ratio Lower Upper

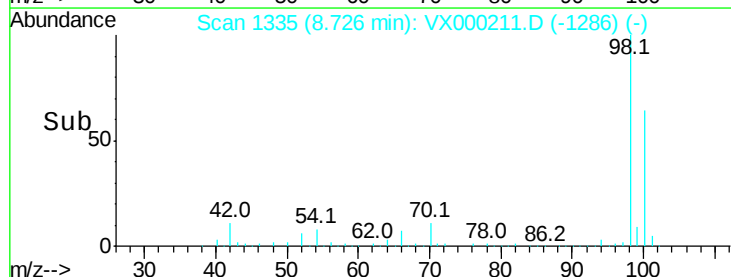
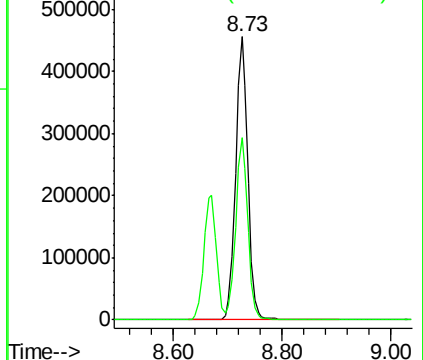
98 100

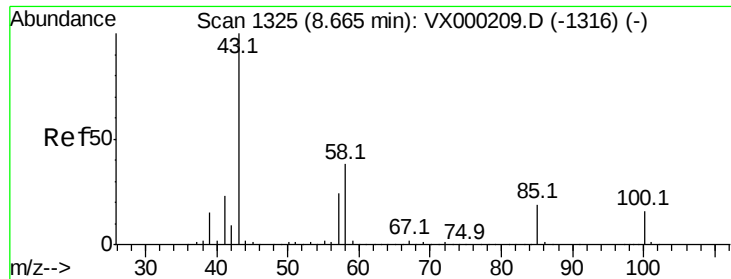
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 566.230 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

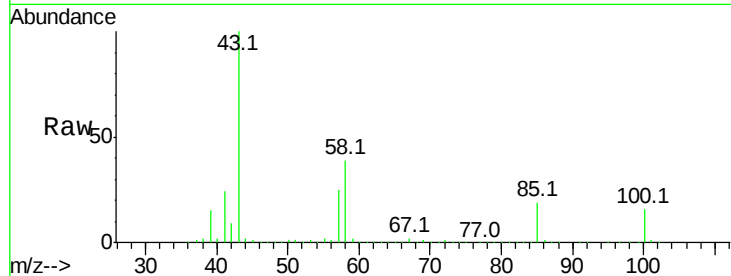
ClientSampleId :

Tot Ion: 43 Resp: 1970525

Ion Ratio Lower Upper

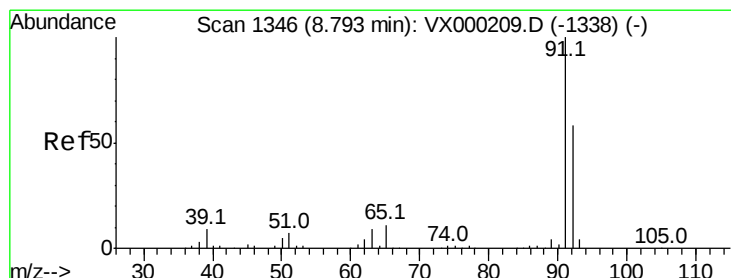
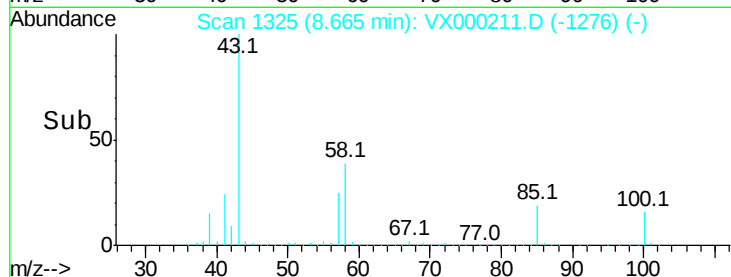
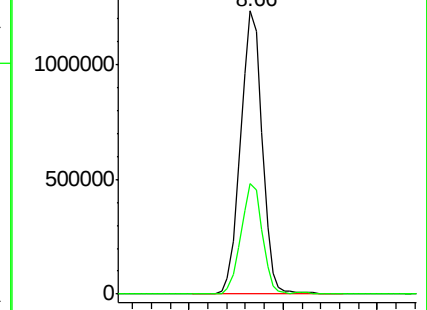
43 100

58 38.5 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 109.326 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000211.D

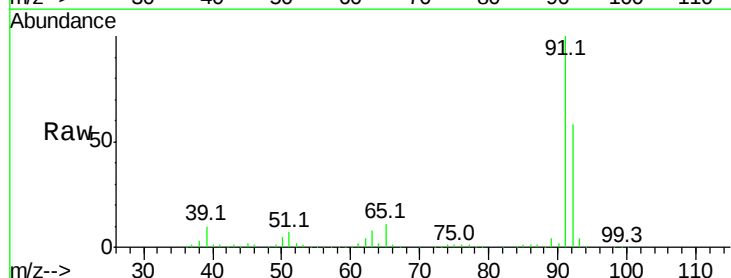
Acq: 07 Mar 2018 14:17

Tgt Ion: 92 Resp: 497040

Ion Ratio Lower Upper

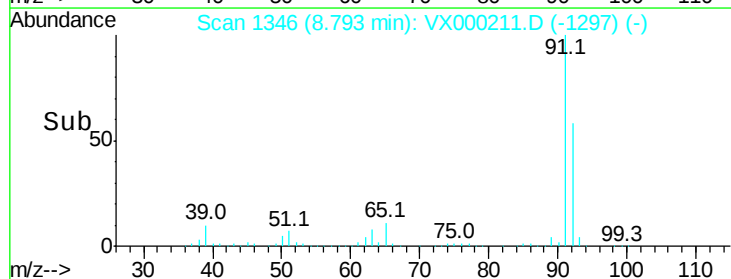
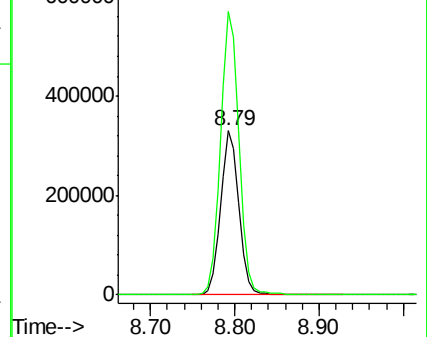
92 100

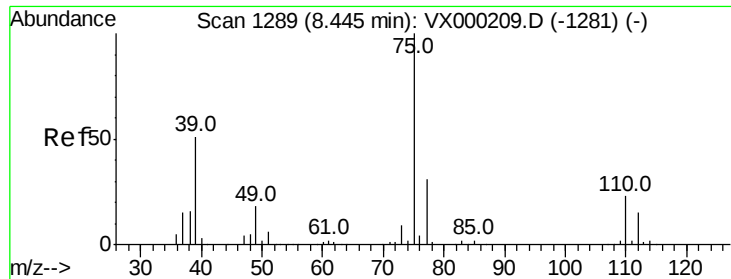
91 174.4 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

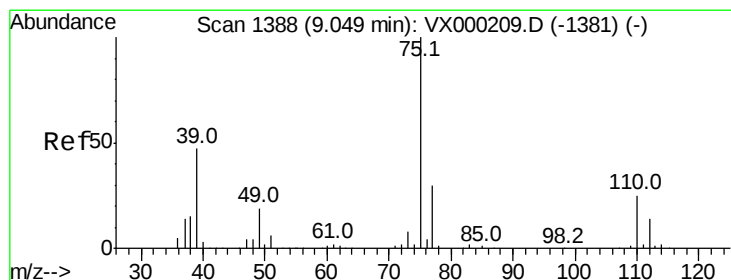
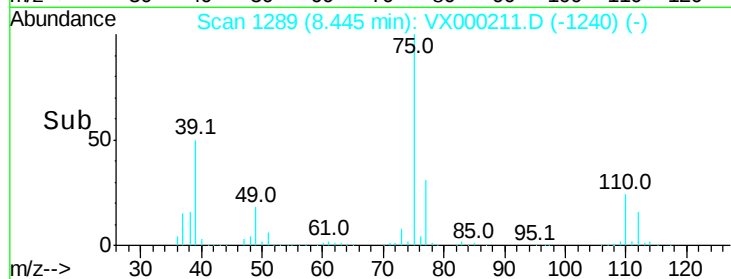
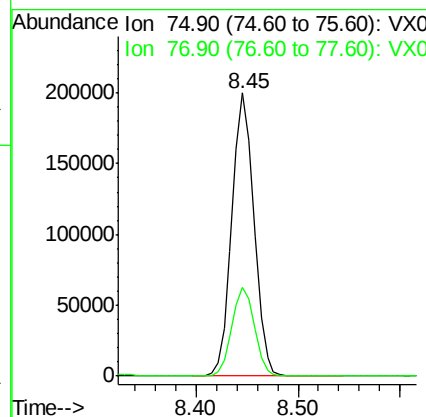
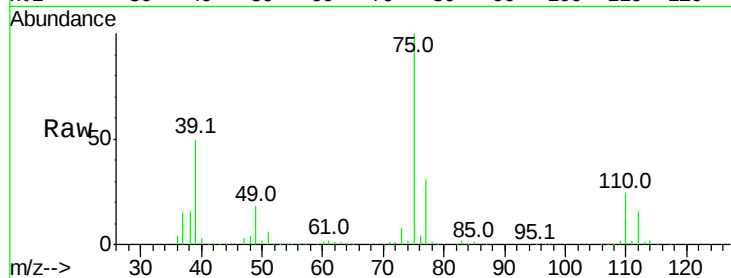




#53
 t-1,3-Dichloropropene
 Concen: 106.660 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

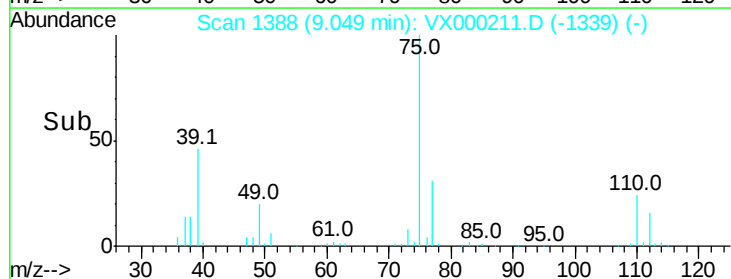
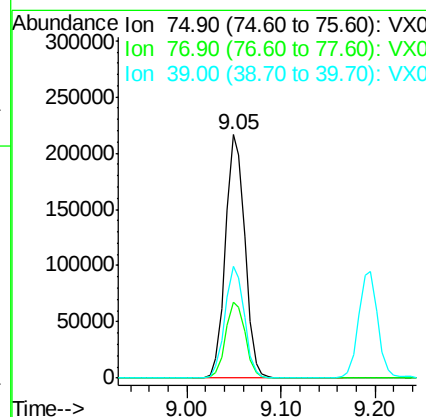
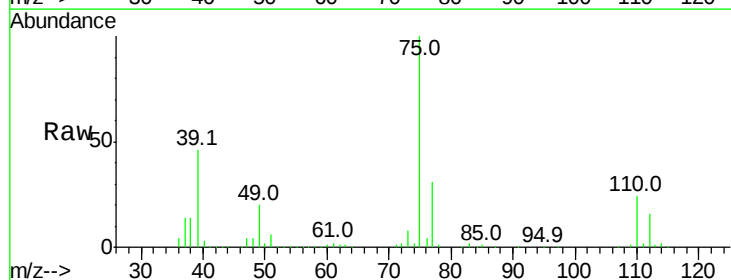
Instrument :
 MSVOA_X
 ClientSampled :

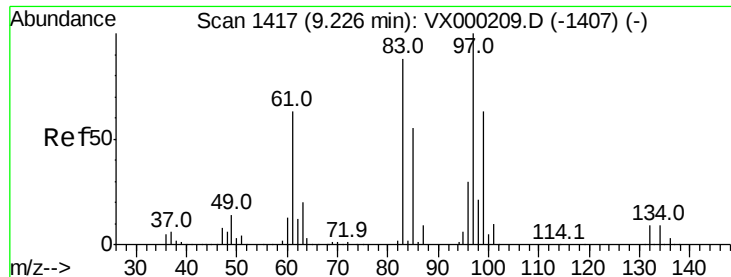
Tot Ion: 75 Resp: 300106
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 110.407 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion: 75 Resp: 308337
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.9 35.9
 39 45.9 37.4 56.2

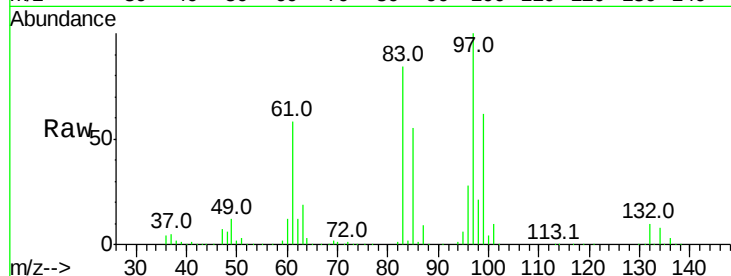




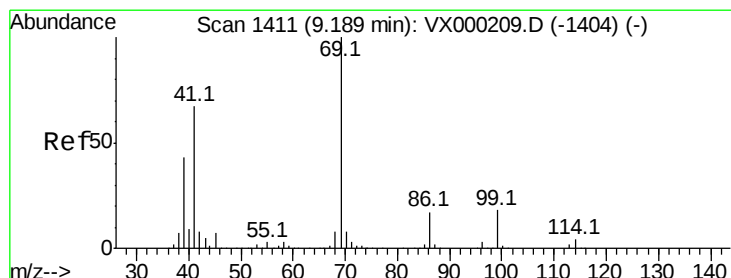
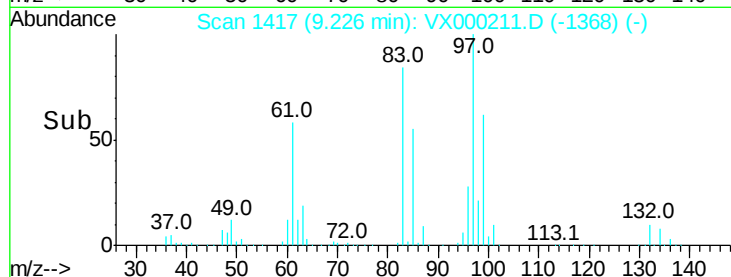
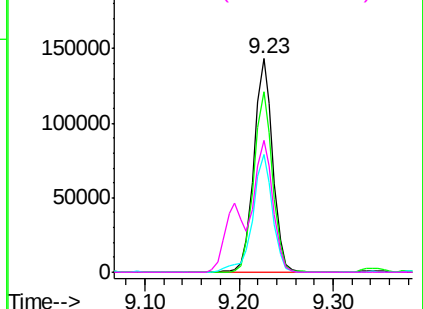
#55
1,1,2-Trichloroethane
Concen: 107.787 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	97	Resp:	201678
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.4	105.6
85	55.0	43.9	65.9
99	61.8	50.5	75.7

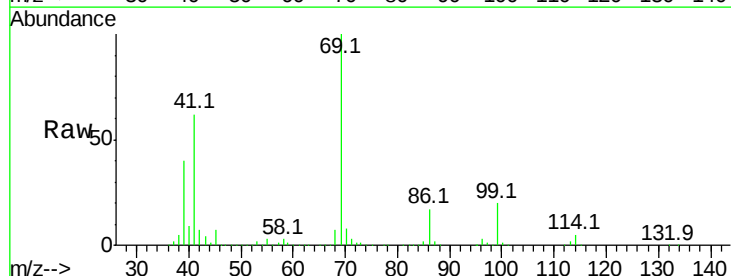


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

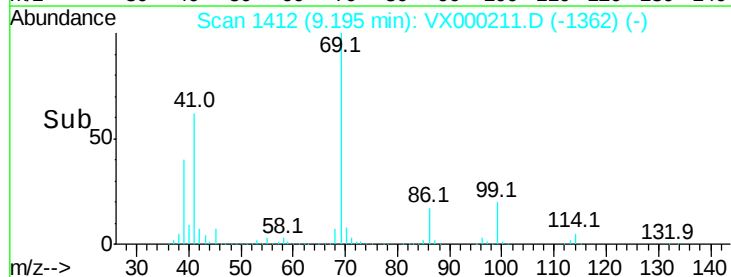
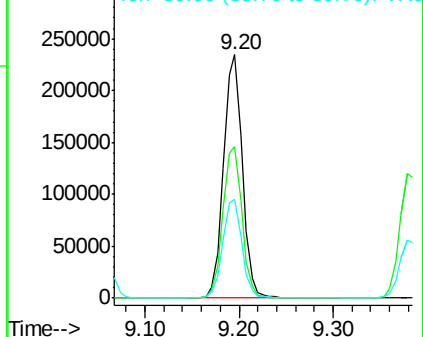


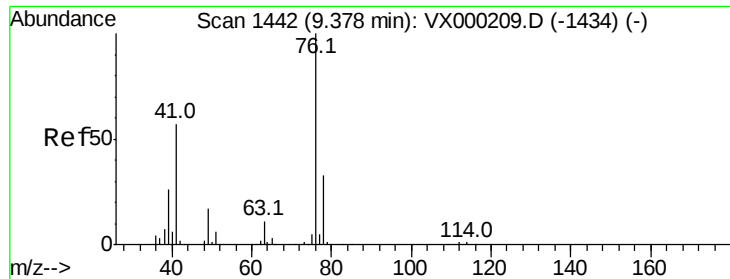
#56
Ethyl methacrylate
Concen: 112.572 ug/l
RT: 9.20 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion:	69	Resp:	323869
Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.2	78.2
39	41.3	34.3	51.5



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: 105.018 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

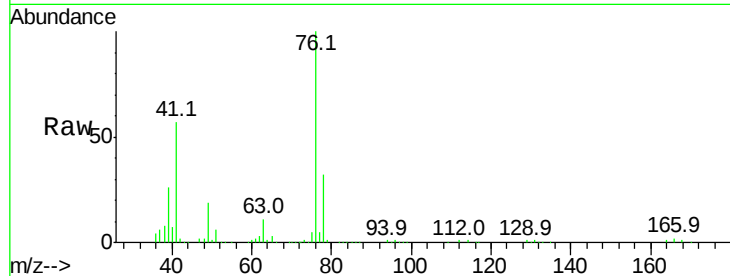
ClientSampleId :

Tot Ion: 76 Resp: 312869

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

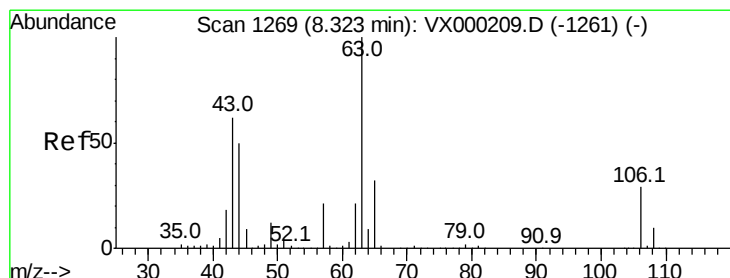
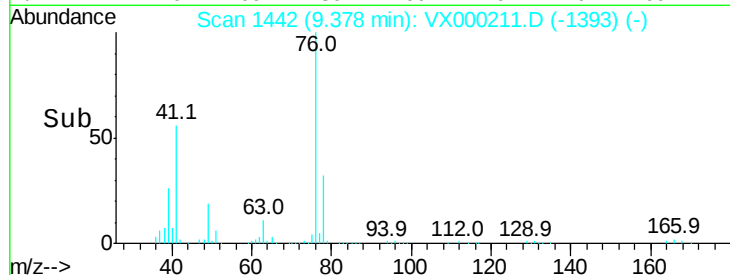
150000

100000

50000

0

Time--> 9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 508.907 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000211.D

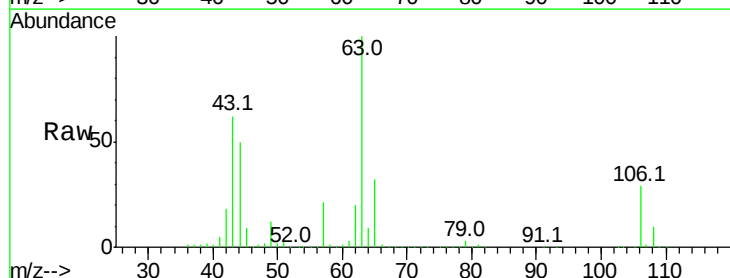
Acq: 07 Mar 2018 14:17

Tgt Ion: 63 Resp: 738775

Ion Ratio Lower Upper

63 100

106 30.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

500000

400000

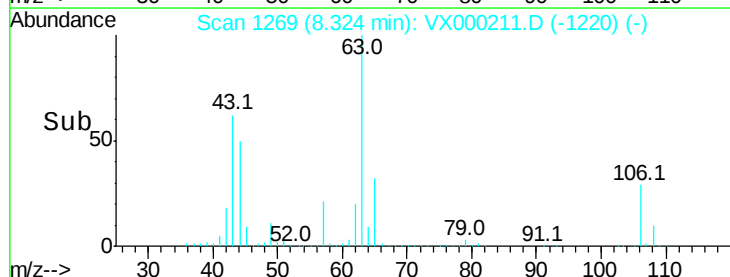
300000

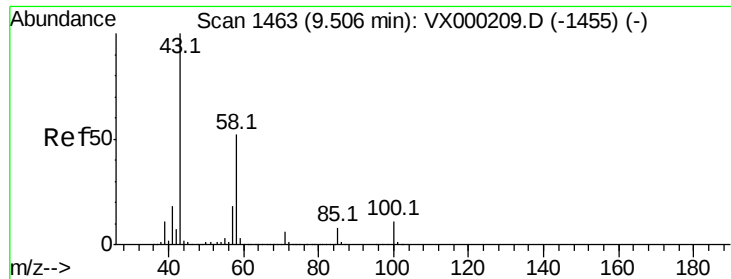
200000

100000

0

Time--> 8.25 8.30 8.35 8.40 8.45

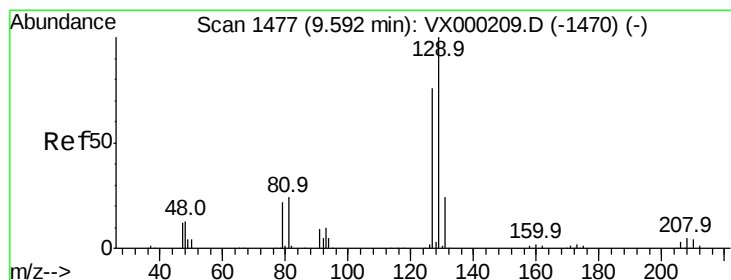
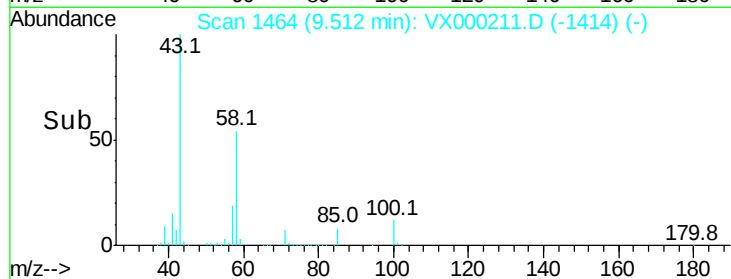
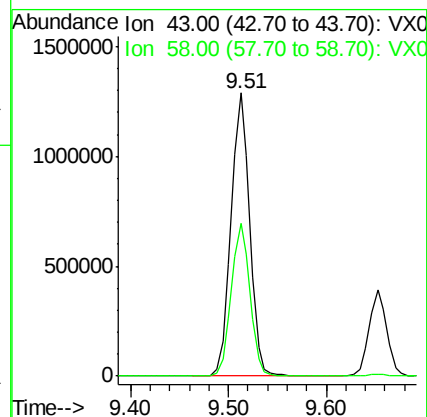
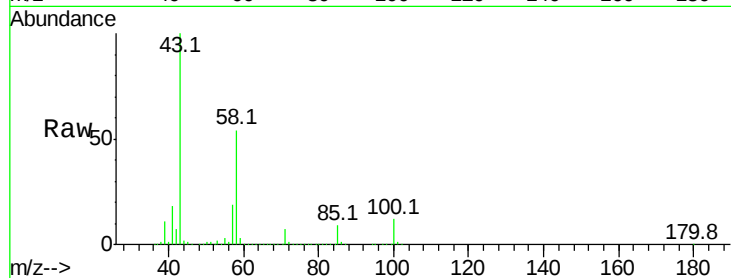




#59
2-Hexanone
Concen: 577.773 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

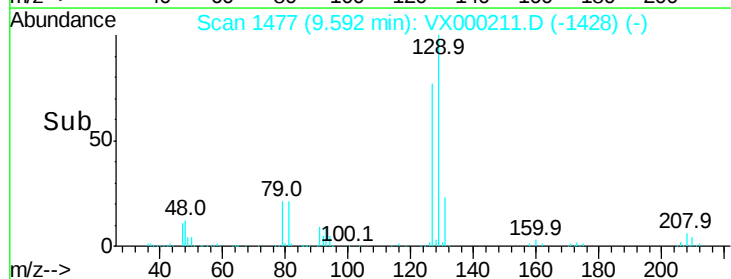
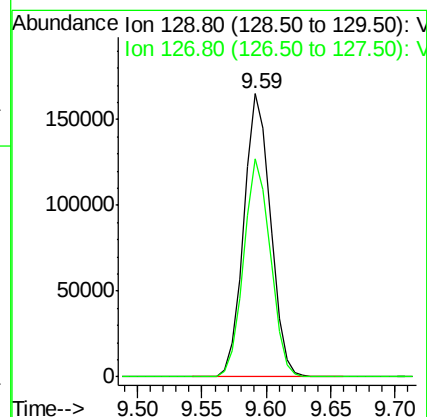
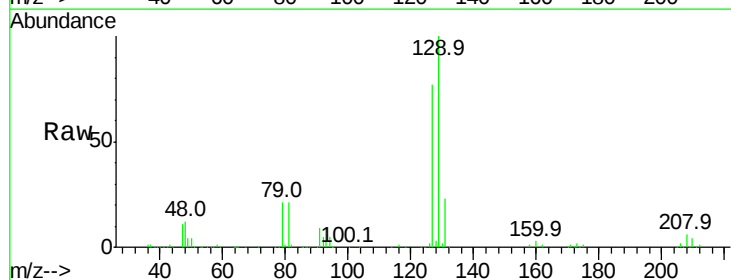
Instrument :
MSVOA_X
ClientSampled :

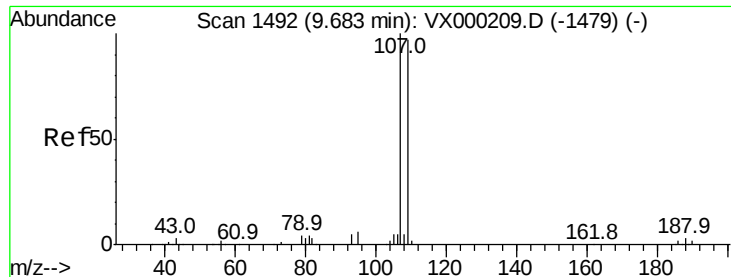
Tot Ion: 43 Resp: 1705677
Ion Ratio Lower Upper
43 100
58 54.4 26.6 79.7



#60
Dibromochloromethane
Concen: 112.417 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 129 Resp: 236049
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 109.707 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

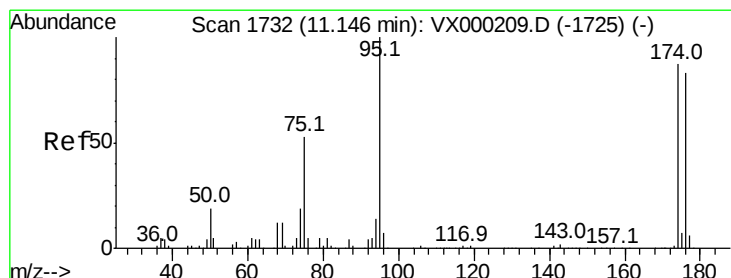
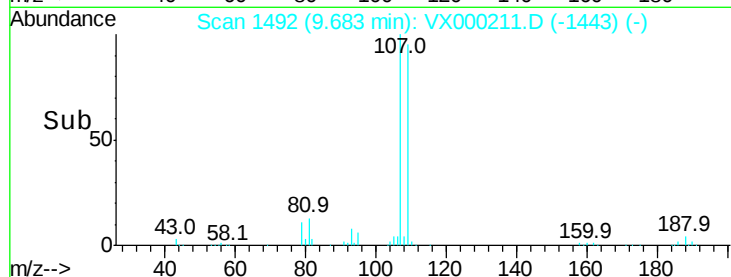
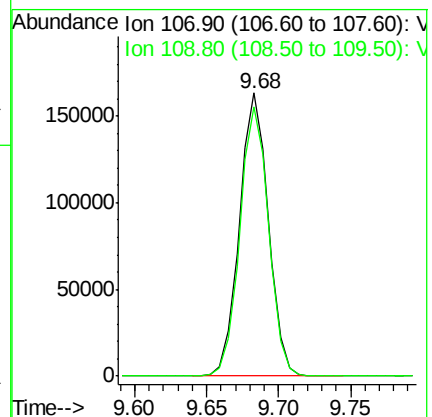
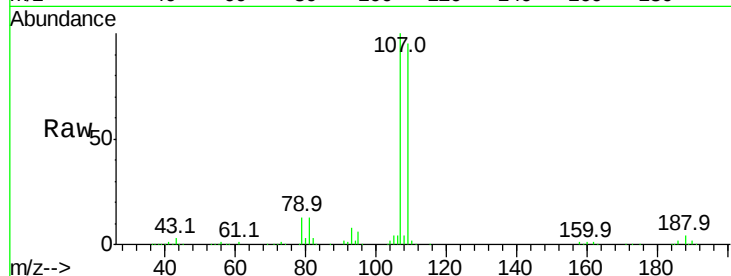
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 228318

Ion Ratio Lower Upper

107 100

109 94.4 76.8 115.2



#62

4-Bromofluorobenzene

Concen: 110.505 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

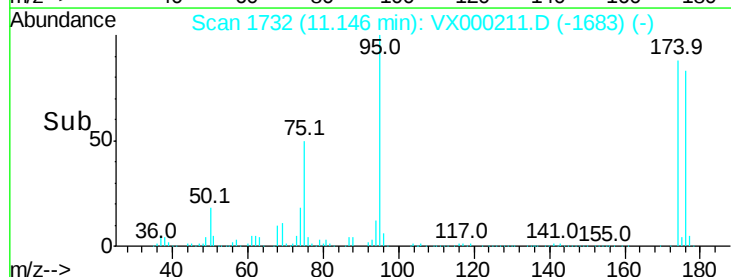
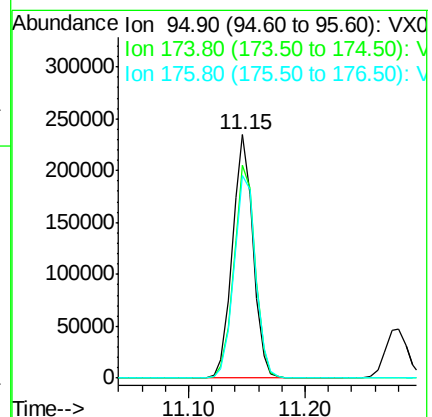
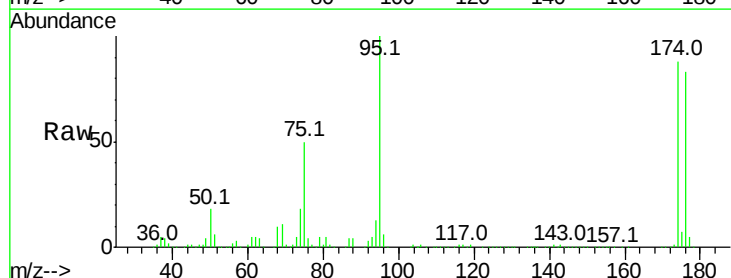
Tgt Ion: 95 Resp: 288065

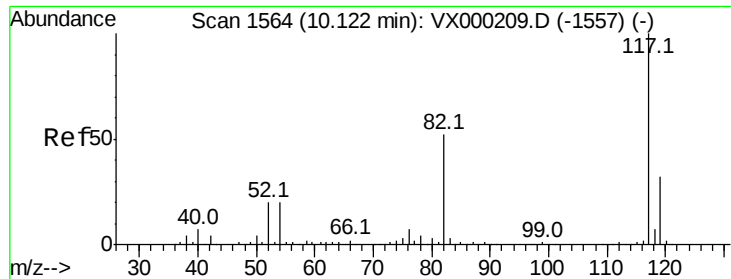
Ion Ratio Lower Upper

95 100

174 90.6 0.0 175.6

176 87.8 0.0 171.0

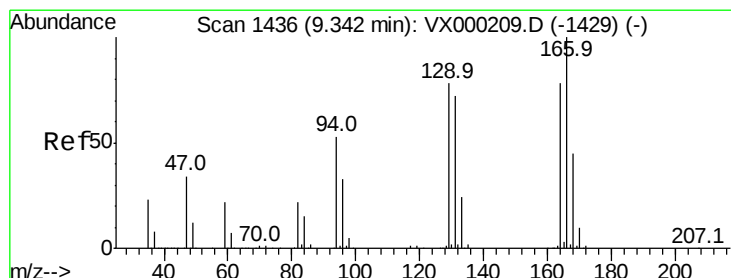
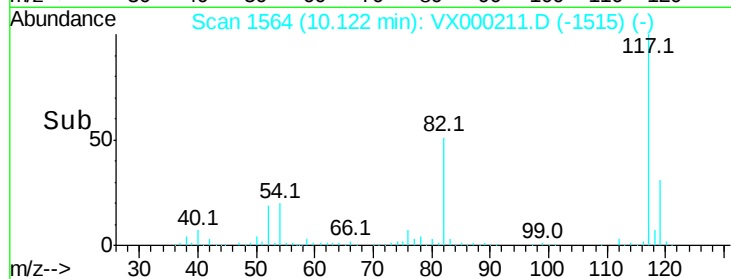
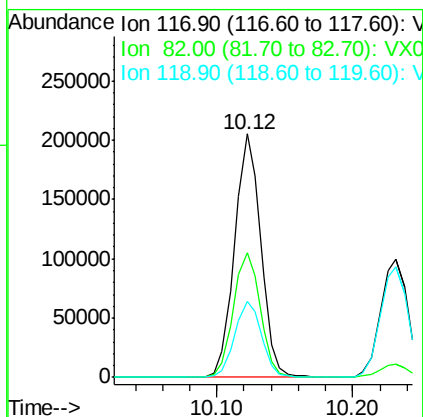
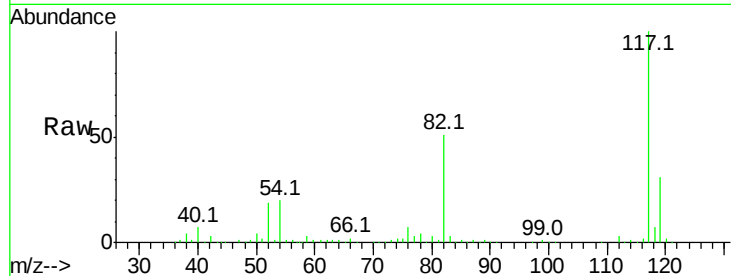




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

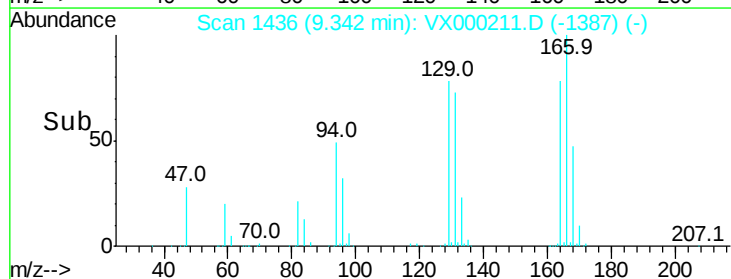
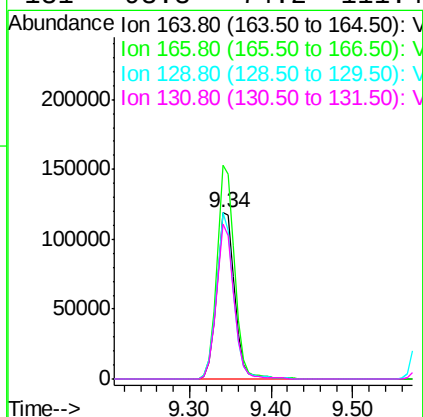
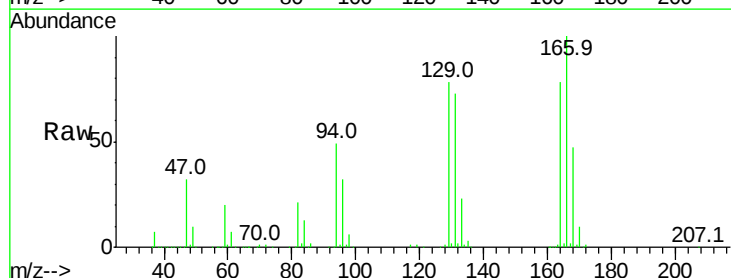
Instrument :
MSVOA_X
ClientSampled :

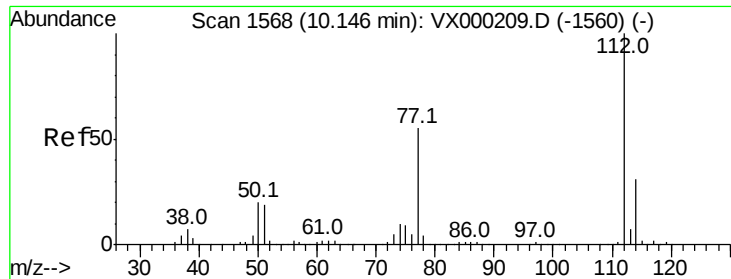
Tot Ion:117 Resp: 275885
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 93.975 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion:164 Resp: 185643
Ion Ratio Lower Upper
164 100
166 128.6 103.0 154.6
129 100.1 80.2 120.4
131 93.3 74.2 111.4

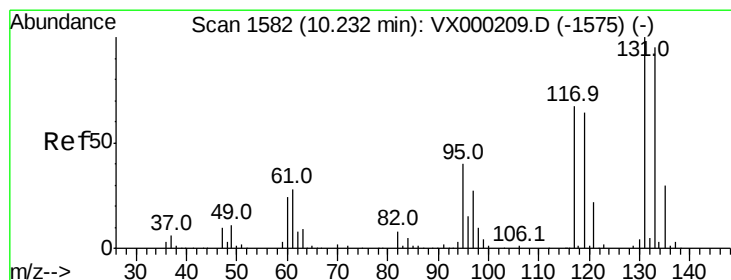
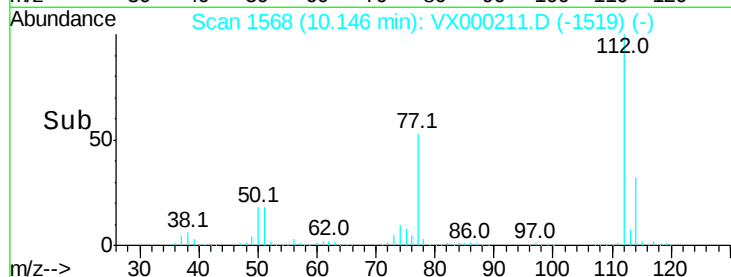
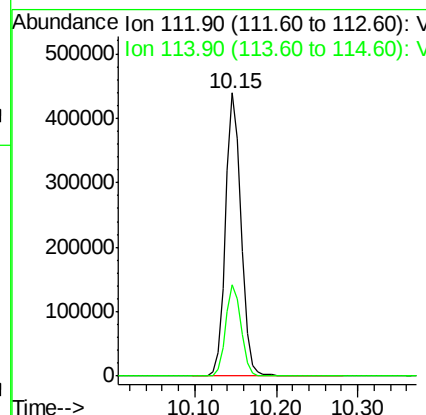
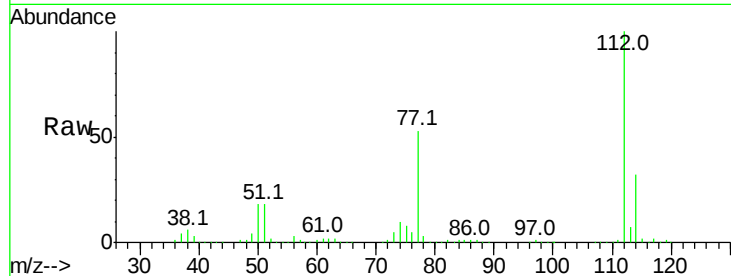




#65
Chlorobenzene
Concen: 101.061 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

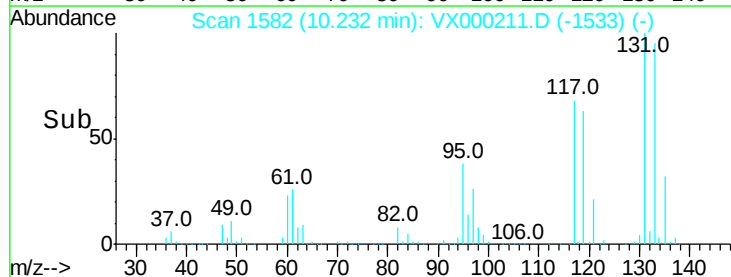
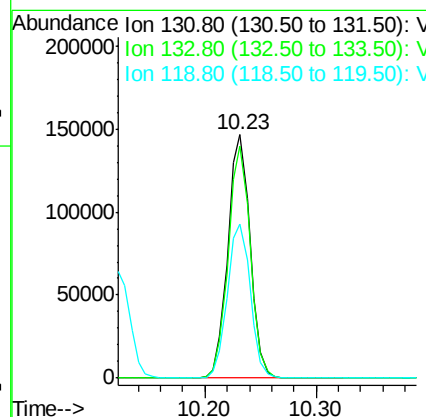
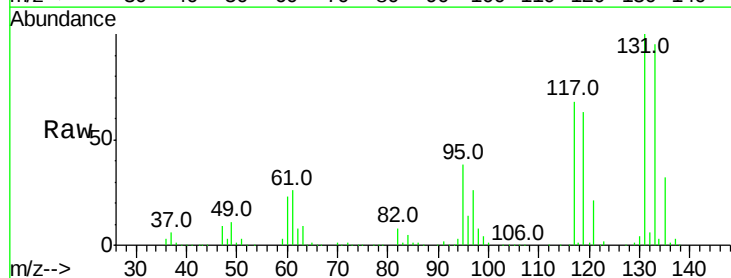
Instrument :
MSVOA_X
ClientSampled :

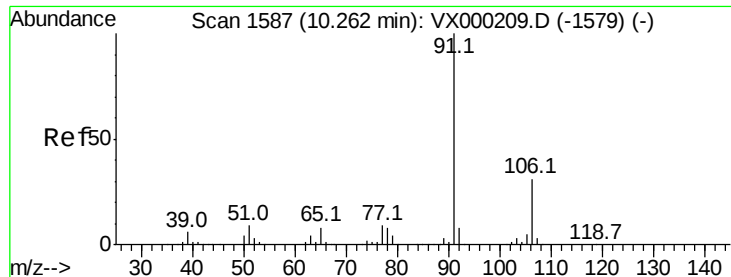
Tot Ion:112 Resp: 585921
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 100.698 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion:131 Resp: 202378
Ion Ratio Lower Upper
131 100
133 94.6 48.3 144.9
119 65.6 32.3 96.8





#67

Ethyl Benzene

Concen: 100.825 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

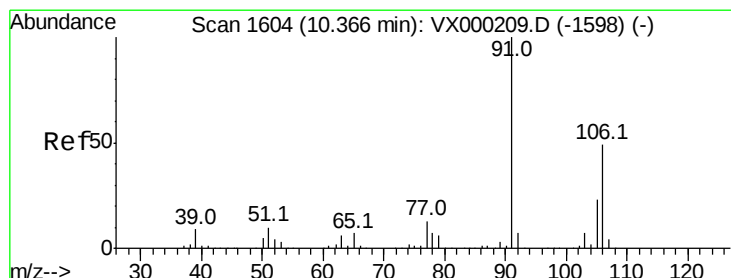
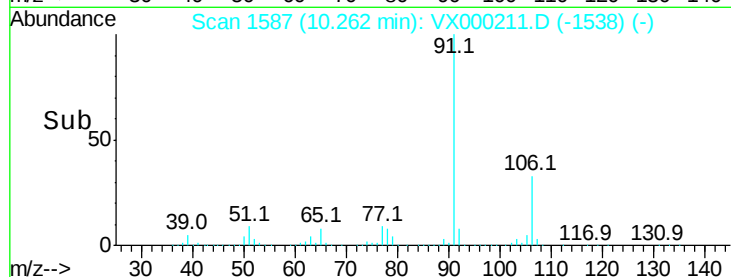
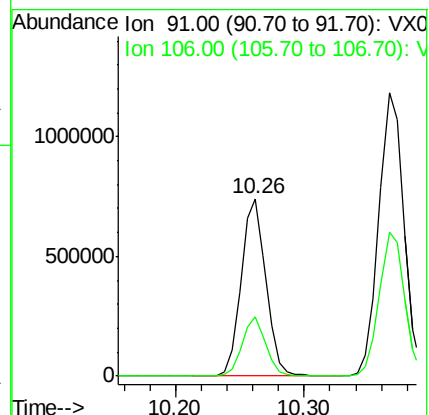
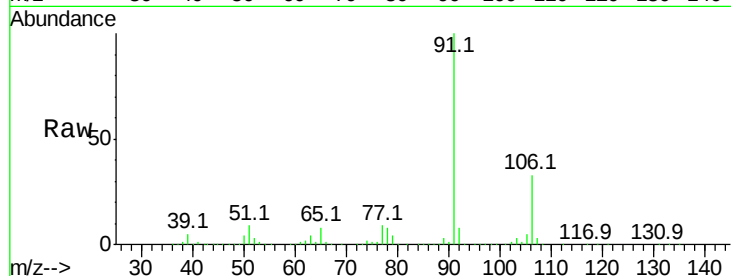
ClientSampleId :

Tot Ion: 91 Resp: 985243

Ion Ratio Lower Upper

91 100

106 33.3 25.2 37.8



#68

m/p-Xylenes

Concen: 209.680 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000211.D

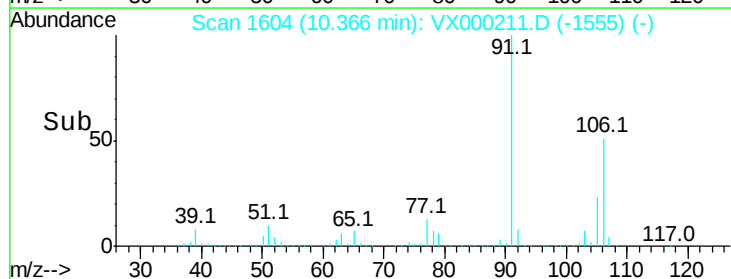
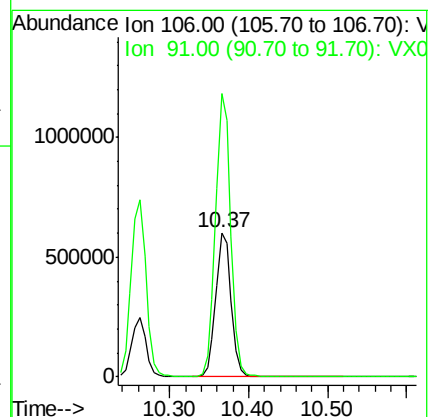
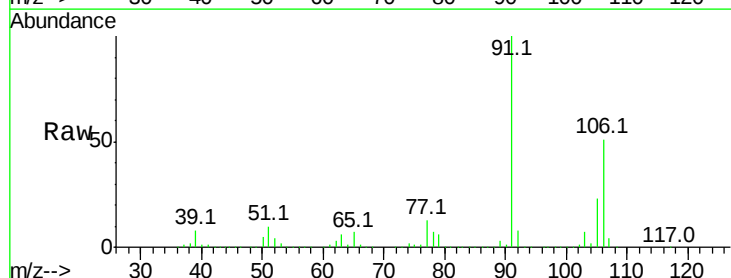
Acq: 07 Mar 2018 14:17

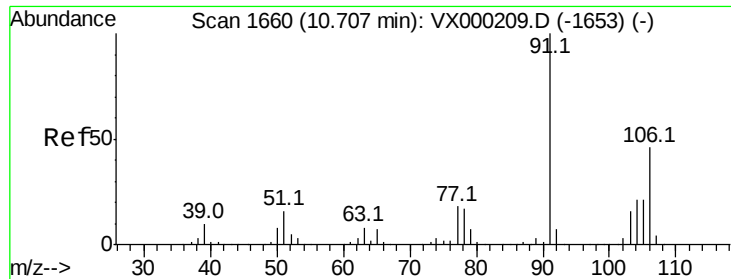
Tgt Ion:106 Resp: 812161

Ion Ratio Lower Upper

106 100

91 194.9 160.9 241.3

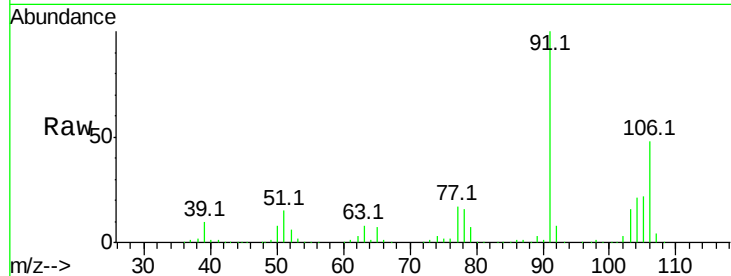




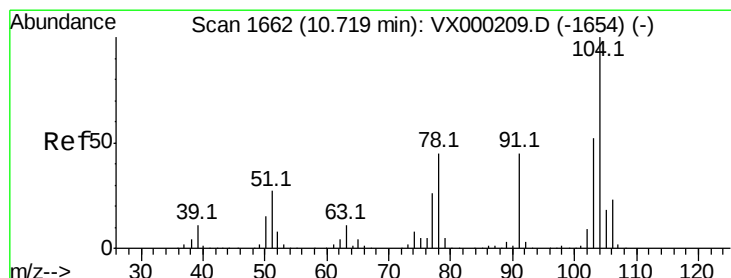
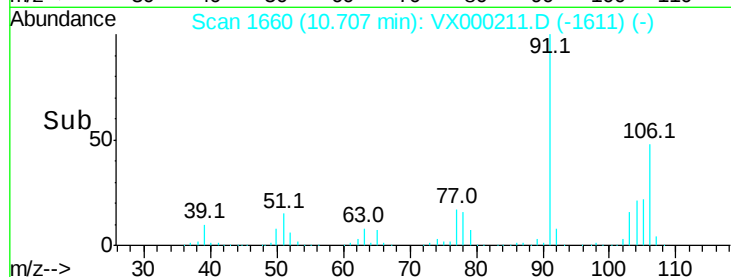
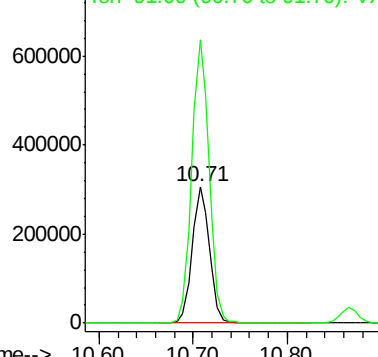
#69
o-Xylene
Concen: 104.484 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 388892
Ion Ratio Lower Upper
106 100
91 209.4 105.9 317.7

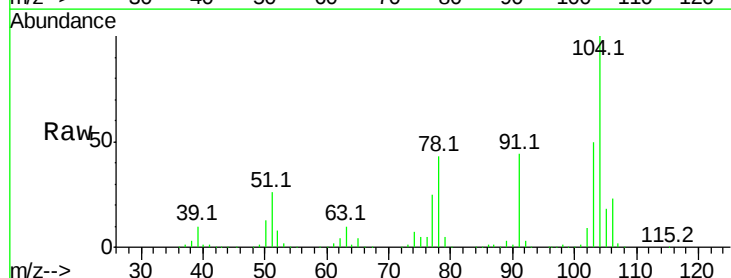


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

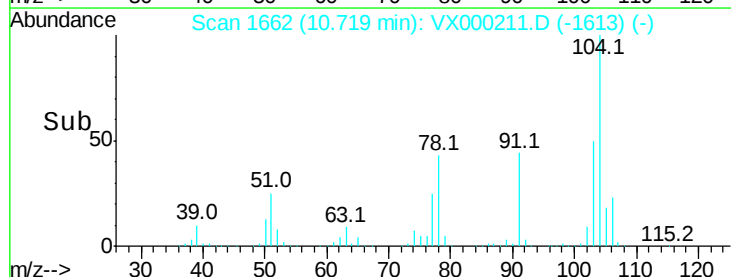
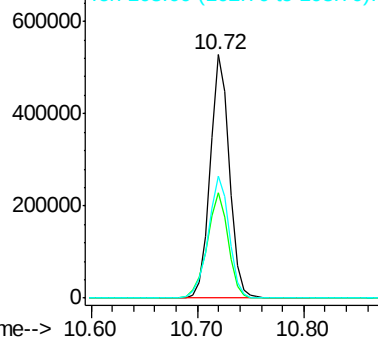


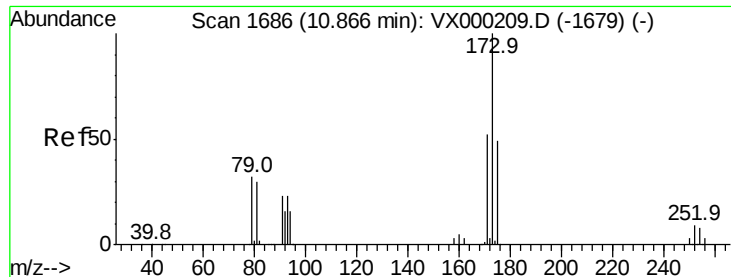
#70
Styrene
Concen: 109.593 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion:104 Resp: 668967
Ion Ratio Lower Upper
104 100
78 47.8 39.6 59.4
103 54.9 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 114.255 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

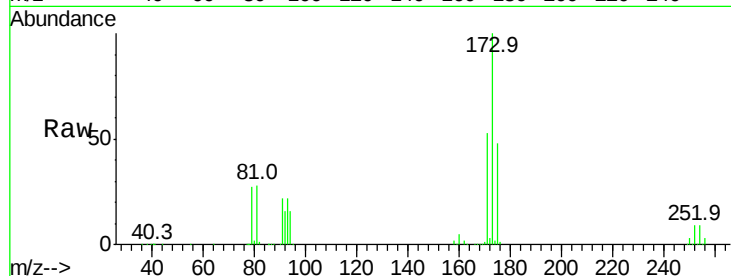
Tot Ion:173 Resp: 207031

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

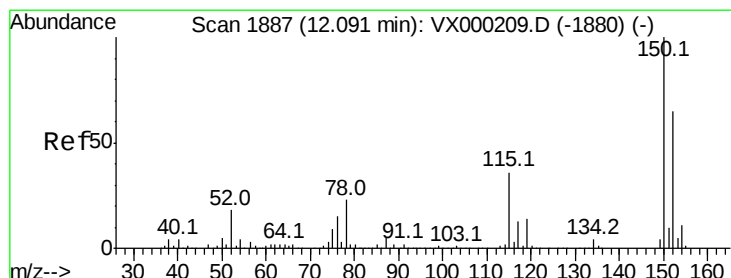
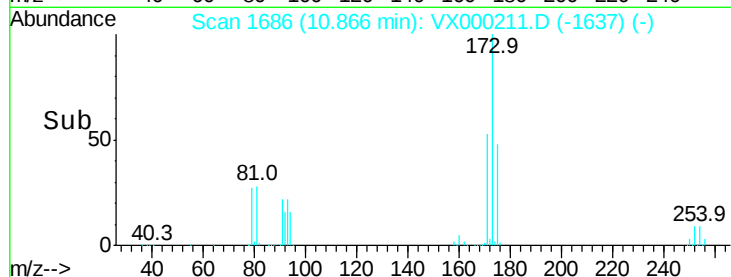
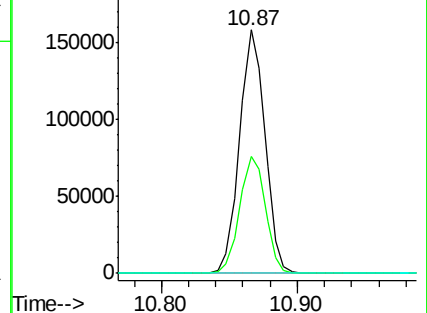
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

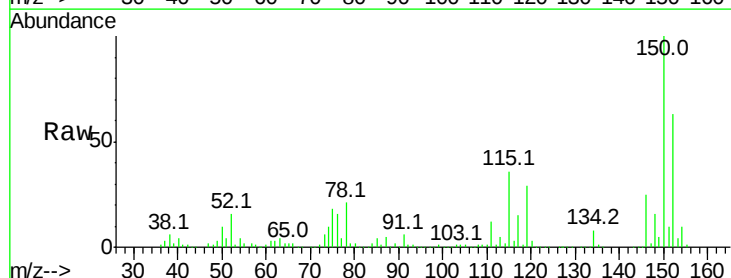
Tgt Ion:152 Resp: 173982

Ion Ratio Lower Upper

152 100

115 101.4 39.8 119.3

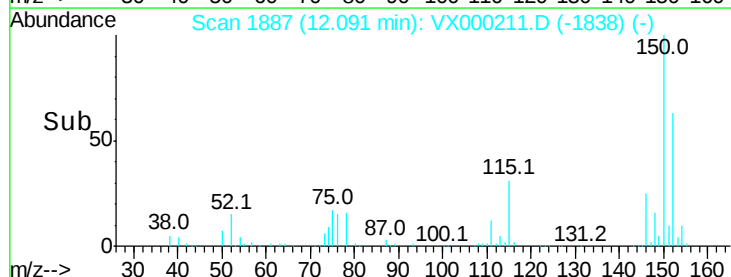
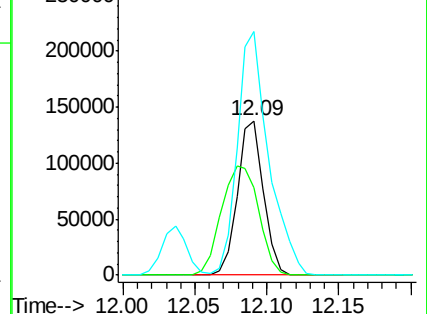
150 189.2 0.0 345.0

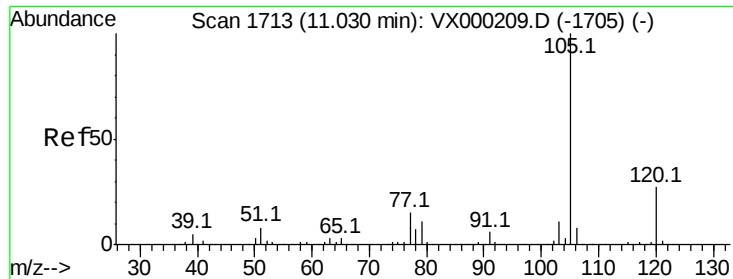


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 96.302 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

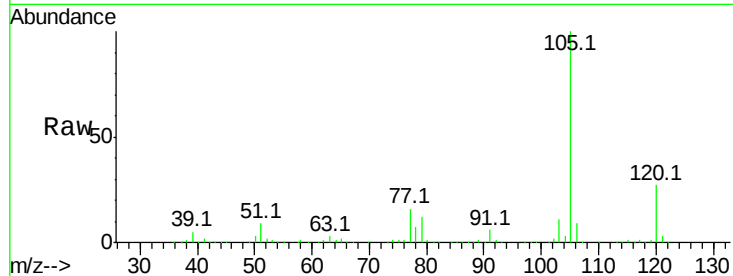
ClientSampleId :

Tot Ion:105 Resp: 1056443

Ion Ratio Lower Upper

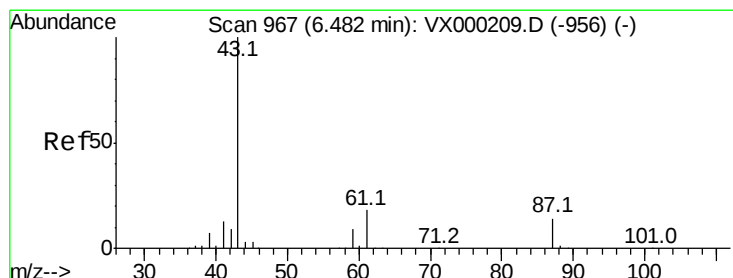
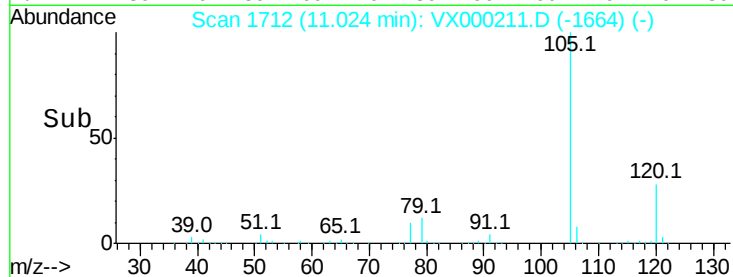
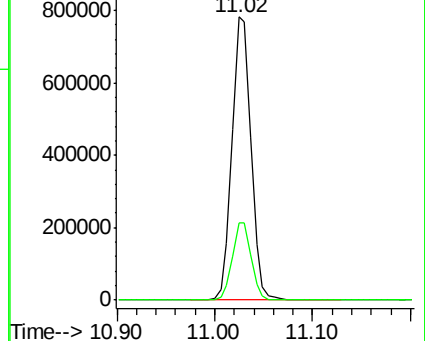
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 89.481 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion: 43 Resp: 493630

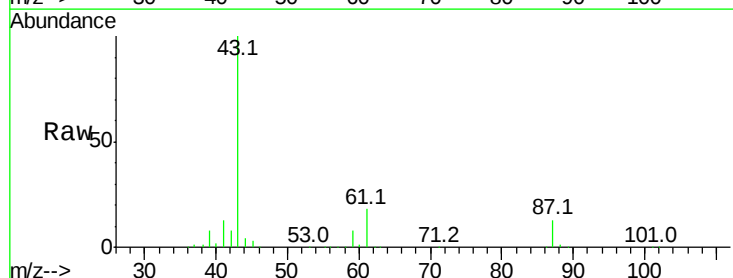
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 14.8 22.2

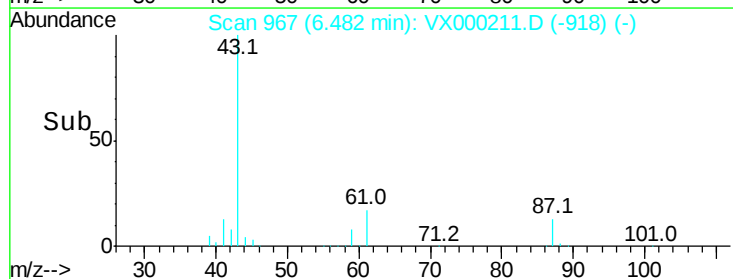
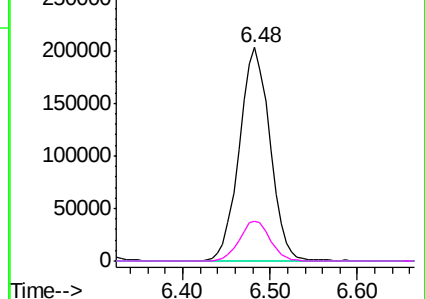


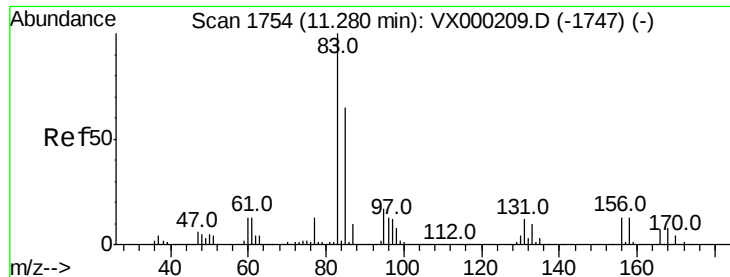
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 99.507 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

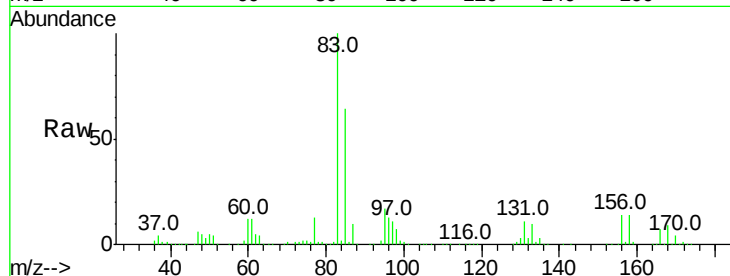
Tot Ion: 83 Resp: 380752

Ion Ratio Lower Upper

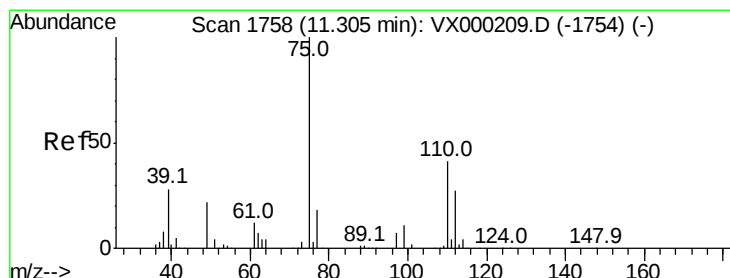
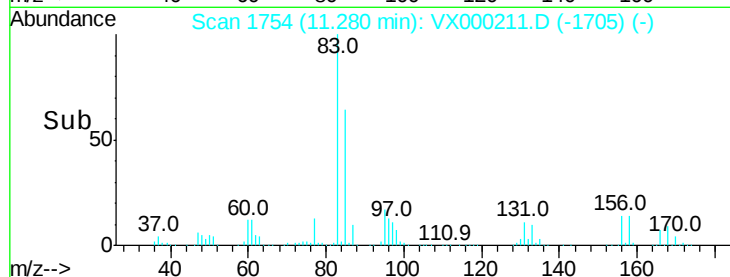
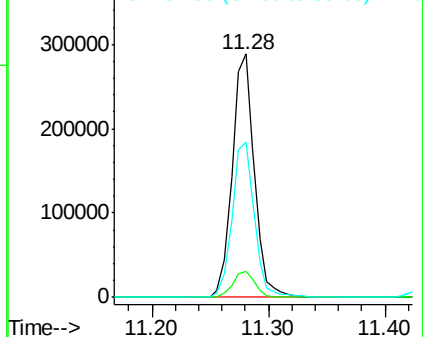
83 100

131 10.9 5.5 16.5

85 64.6 32.5 97.4



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: 130.843 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000211.D

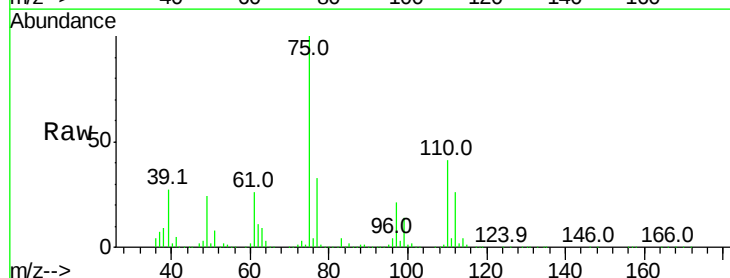
Acq: 07 Mar 2018 14:17

Tgt Ion: 75 Resp: 467558

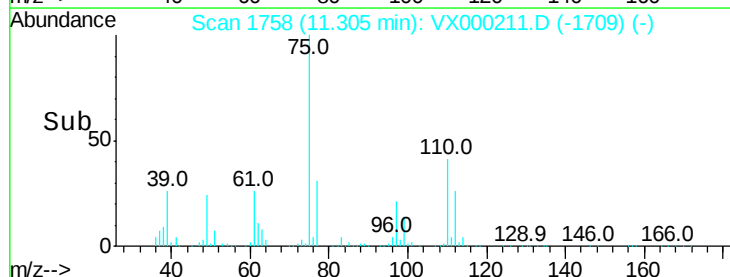
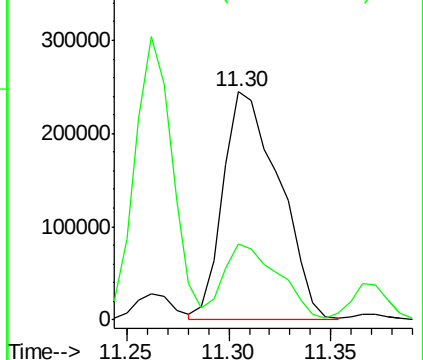
Ion Ratio Lower Upper

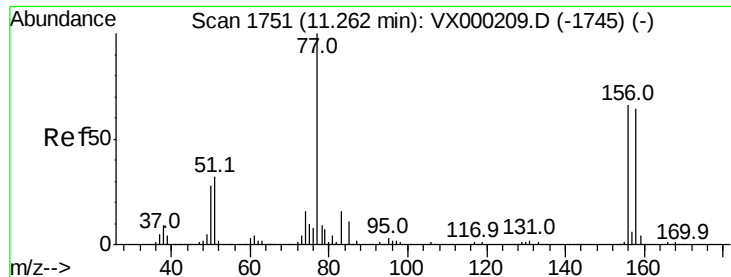
75 100

77 32.5 22.3 66.8



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





#77

Bromobenzene

Concen: 96.356 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

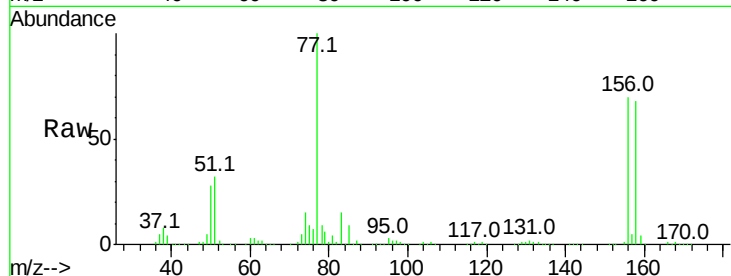
Tot Ion:156 Resp: 283136

Ion Ratio Lower Upper

156 100

77 137.5 71.9 215.7

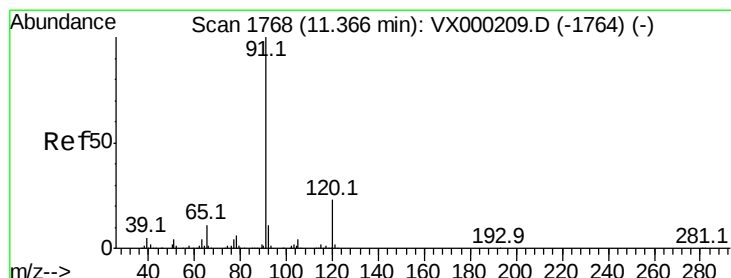
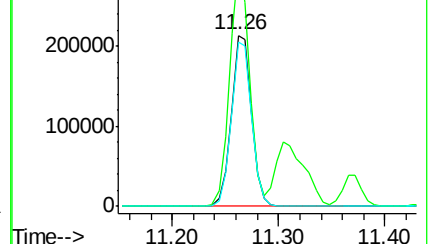
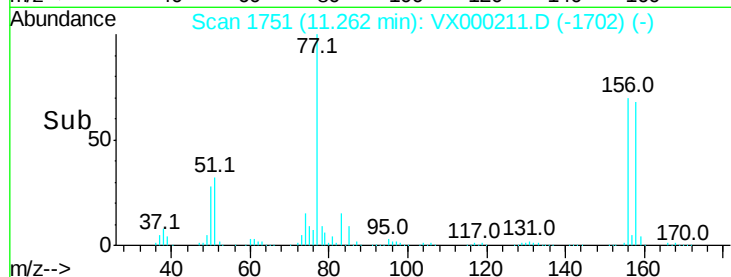
158 96.4 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 95.841 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000211.D

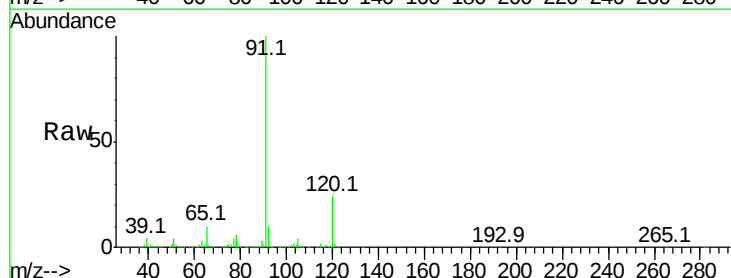
Acq: 07 Mar 2018 14:17

Tgt Ion: 91 Resp: 1240154

Ion Ratio Lower Upper

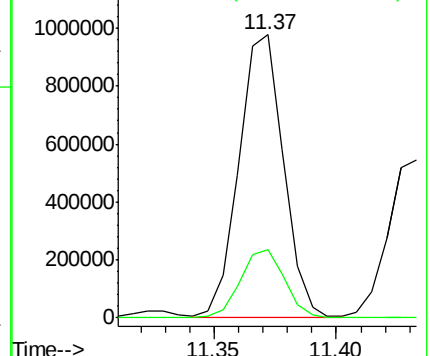
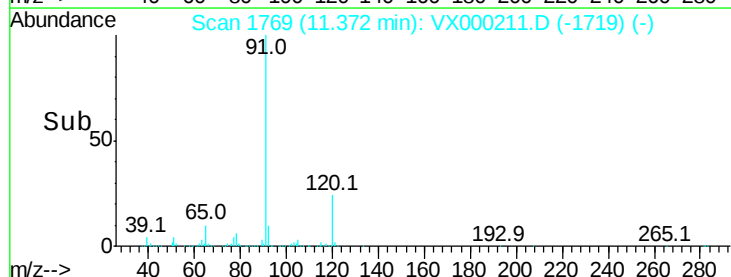
91 100

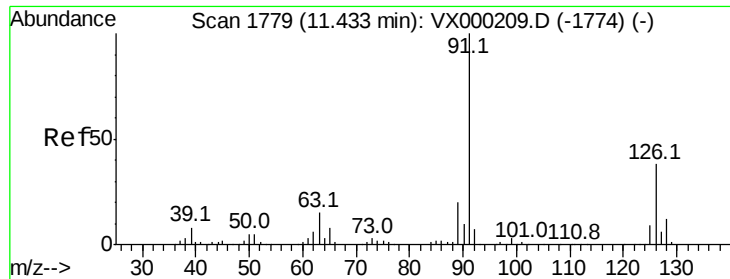
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.30): VX0

Ion 120.00 (119.70 to 120.30): V

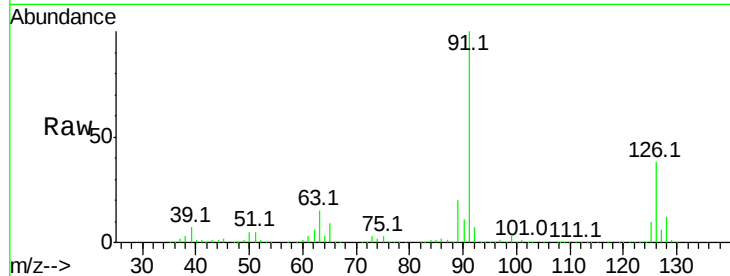




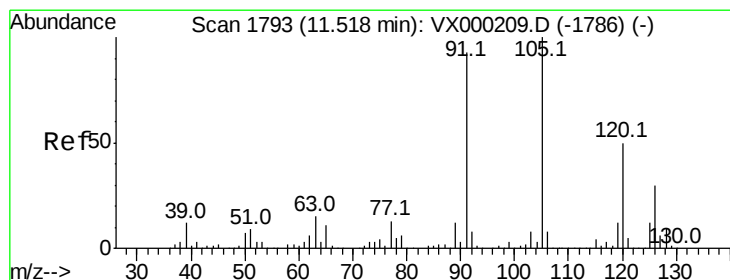
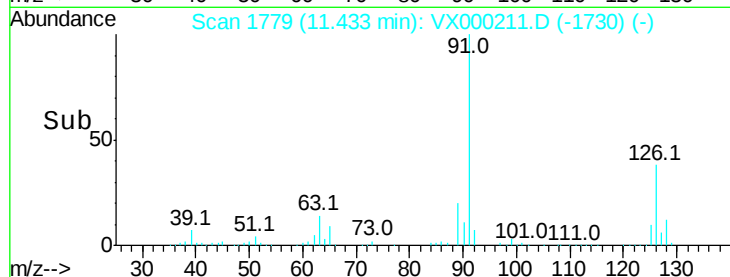
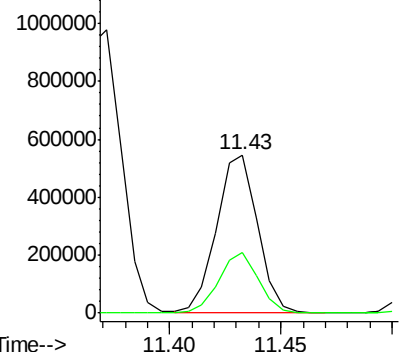
#79
 2-Chlorotoluene
 Concen: 95.173 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 702206
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.4 55.2

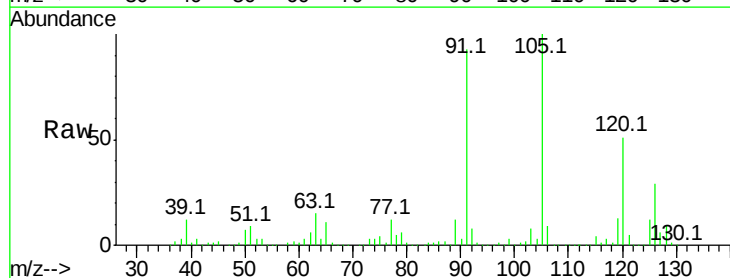


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

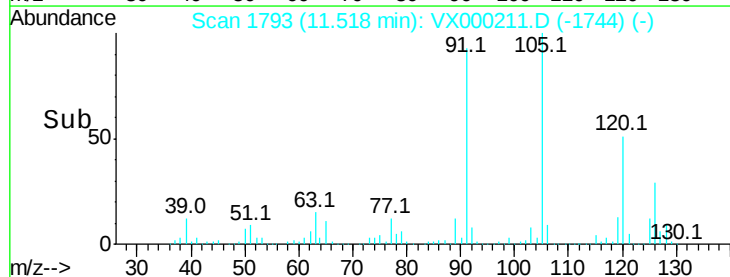
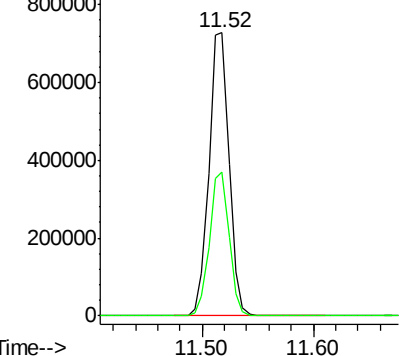


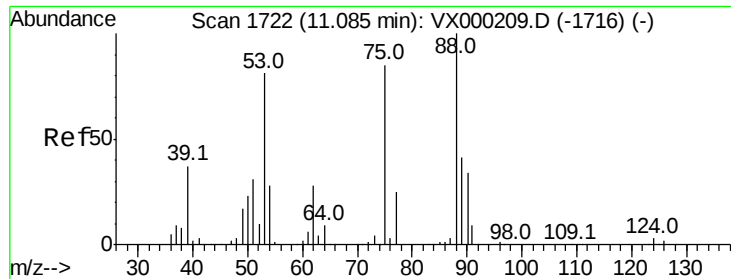
#80
 1,3,5-Trimethylbenzene
 Concen: 97.838 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion:105 Resp: 906098
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 104.763 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

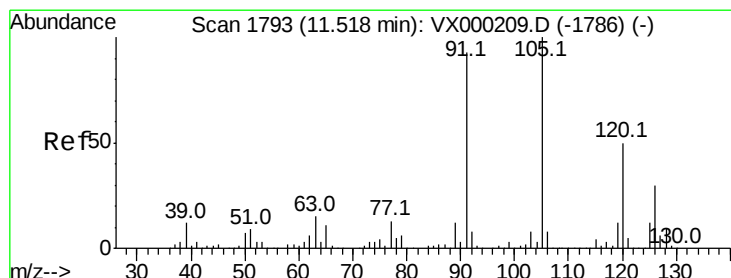
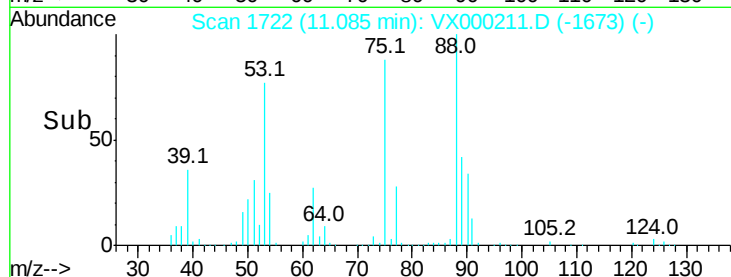
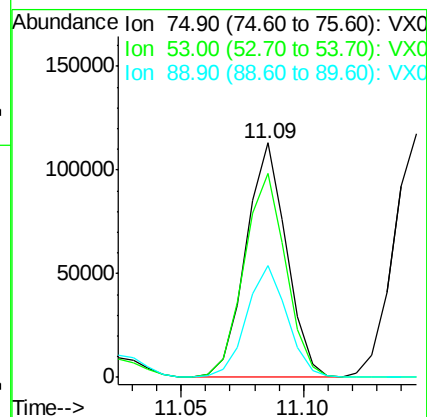
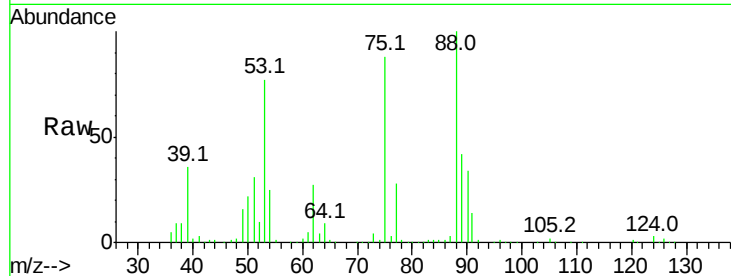
Tot Ion: 75 Resp: 129749

Ion Ratio Lower Upper

75 100

53 89.7 78.6 118.0

89 47.5 38.8 58.2



#82

4-Chlorotoluene

Concen: 95.057 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000211.D

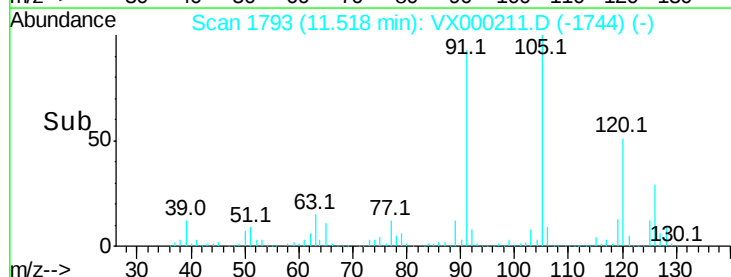
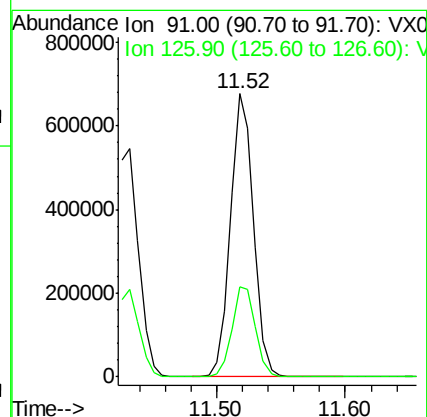
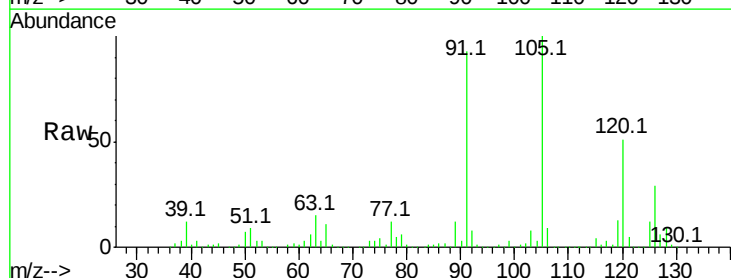
Acq: 07 Mar 2018 14:17

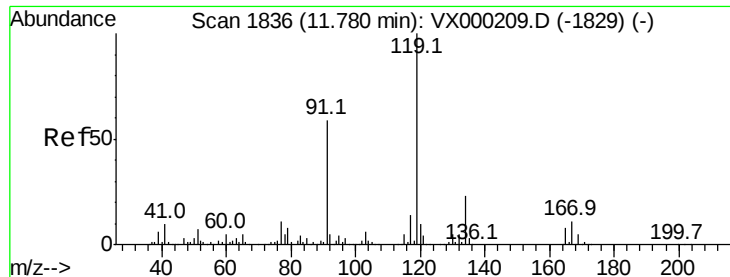
Tgt Ion: 91 Resp: 854372

Ion Ratio Lower Upper

91 100

126 32.3 16.0 48.0

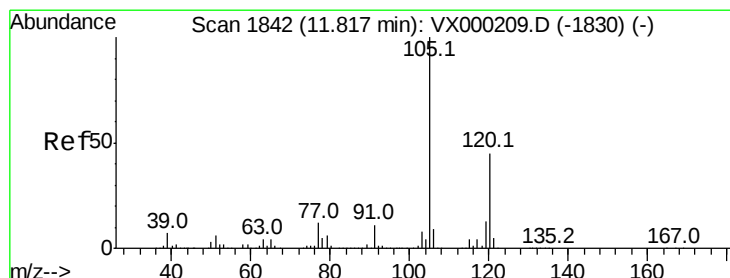
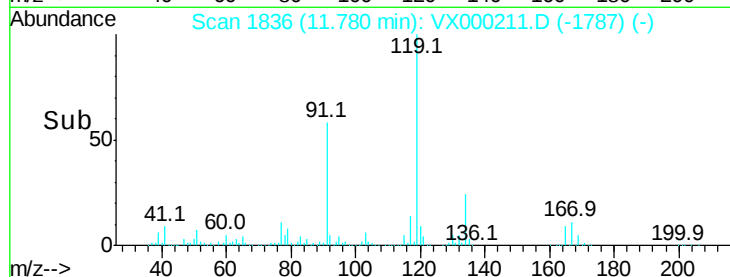
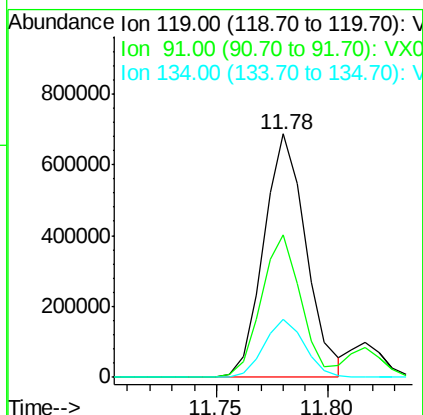
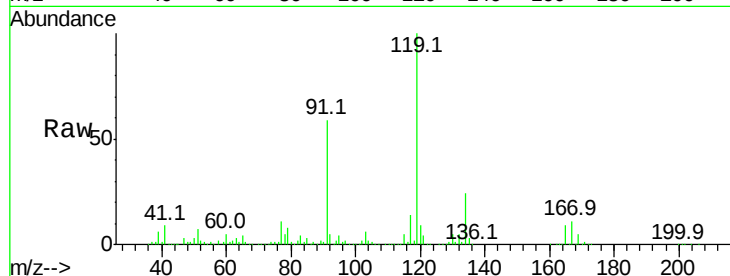




#83
tert-Butylbenzene
Concen: 96.930 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

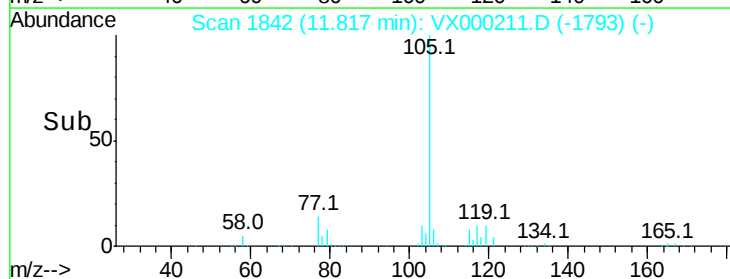
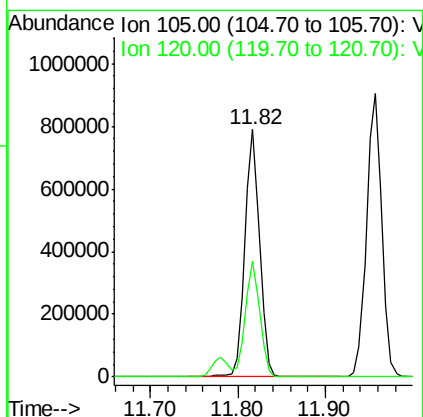
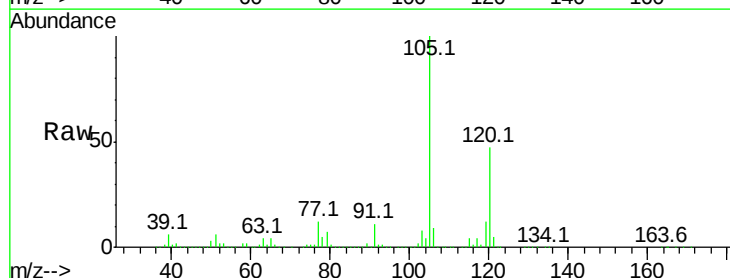
Instrument :
MSVOA_X
ClientSampled :

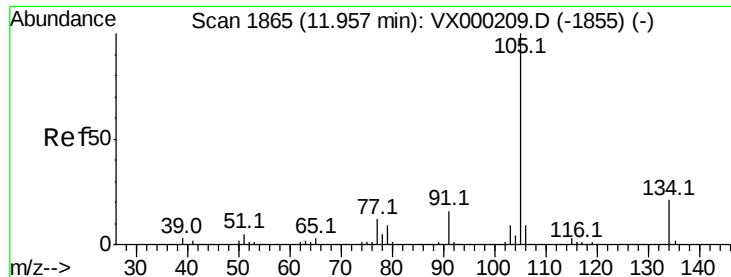
Tot Ion:119 Resp: 907176
Ion Ratio Lower Upper
119 100
91 55.8 28.9 86.7
134 22.9 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 96.419 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion:105 Resp: 928878
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 95.114 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

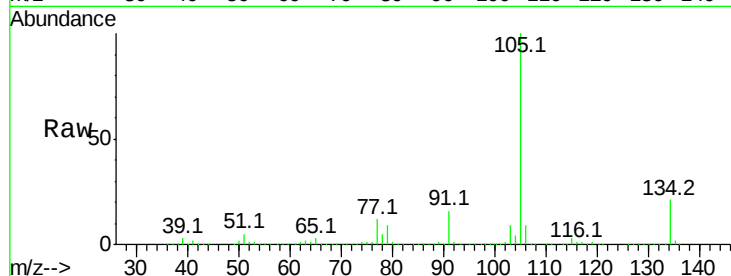
ClientSampled :

Tot Ion:105 Resp: 1107818

Ion Ratio Lower Upper

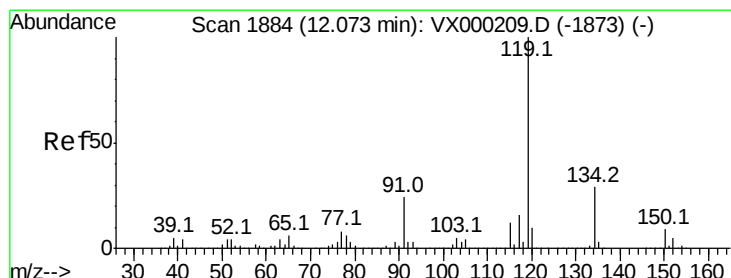
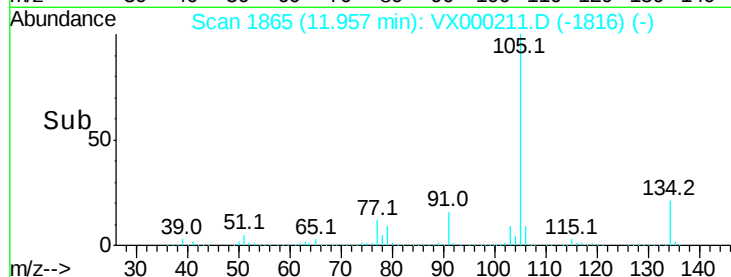
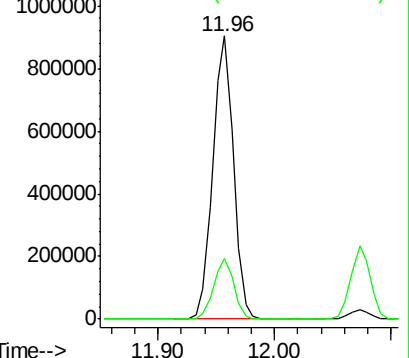
105 100

134 21.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 97.427 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

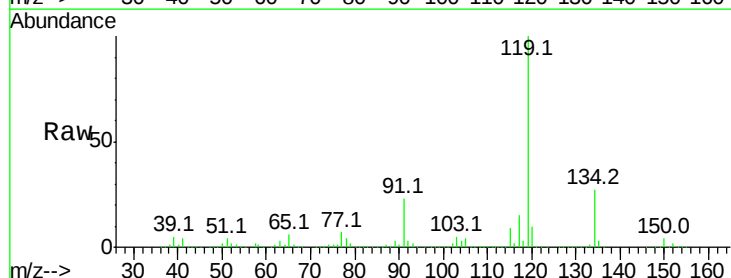
Tgt Ion:119 Resp: 1010851

Ion Ratio Lower Upper

119 100

134 26.9 13.8 41.3

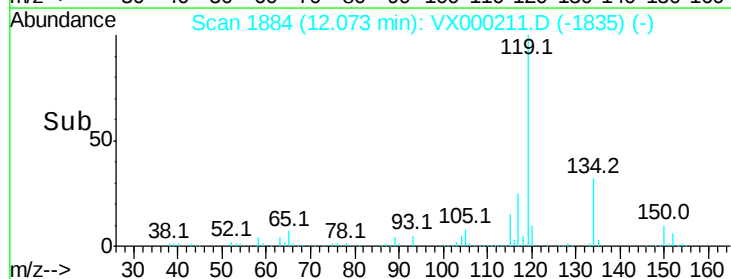
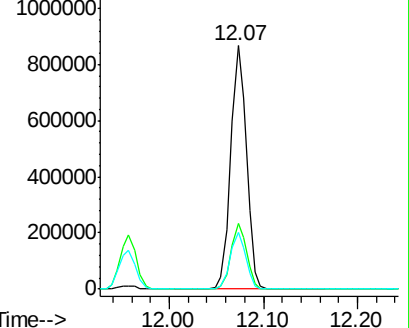
91 23.3 12.0 36.0

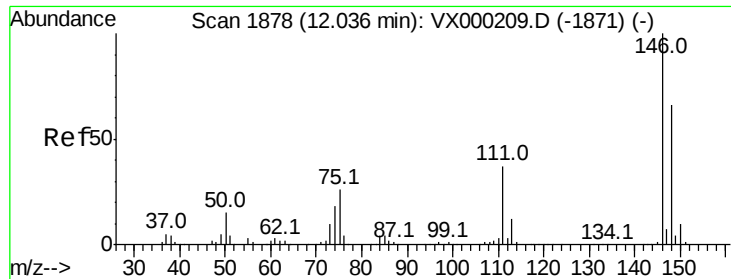


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

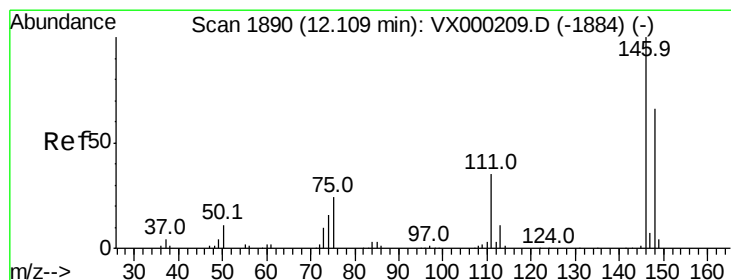
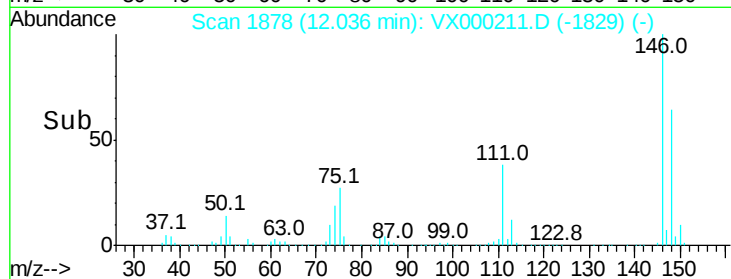
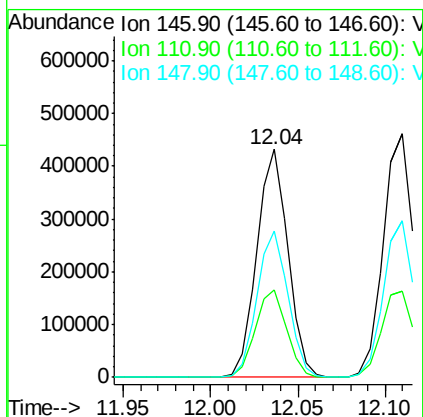
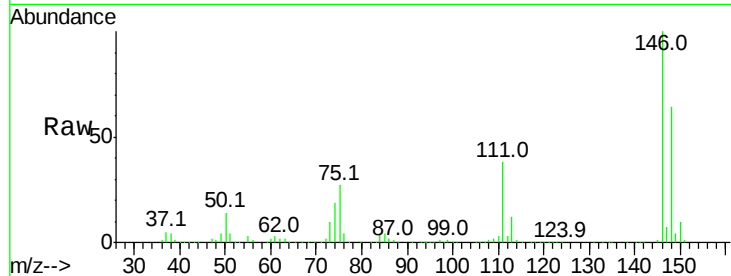




#87
 1,3-Dichlorobenzene
 Concen: 93.842 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

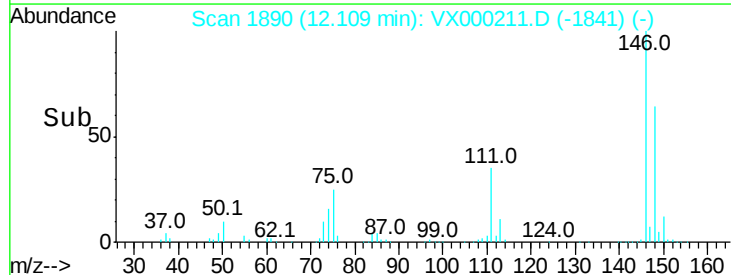
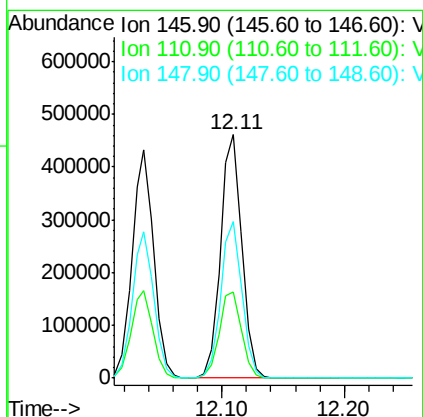
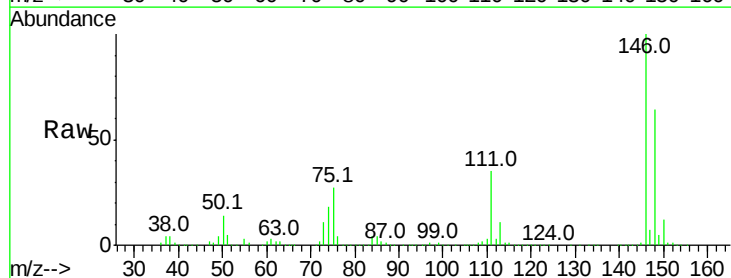
Instrument :
 MSVOA_X
 ClientSampleId :

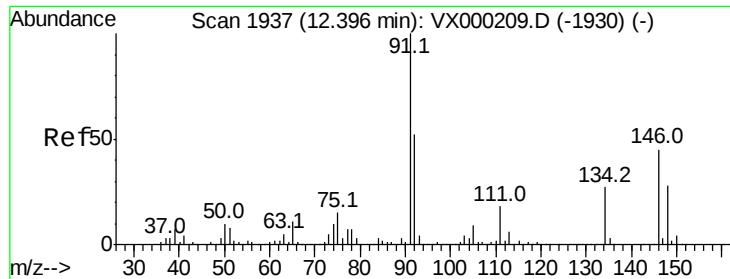
Tot Ion:146 Resp: 533517
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 94.922 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion:146 Resp: 557593
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 64.1 32.6 97.8

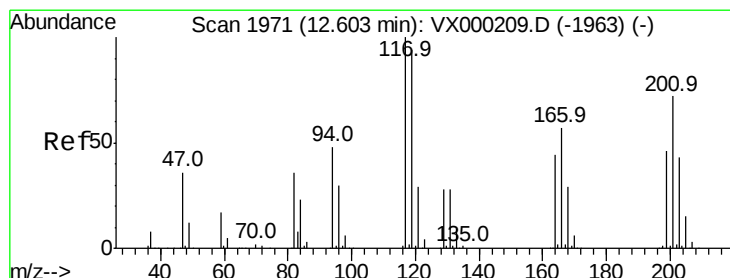
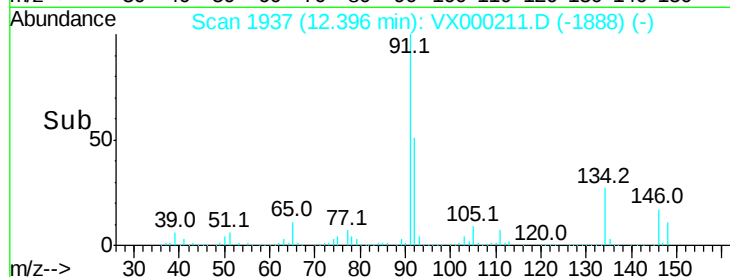
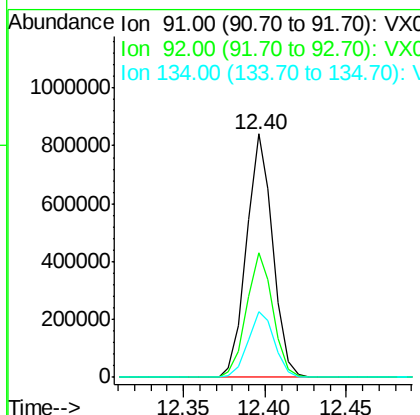
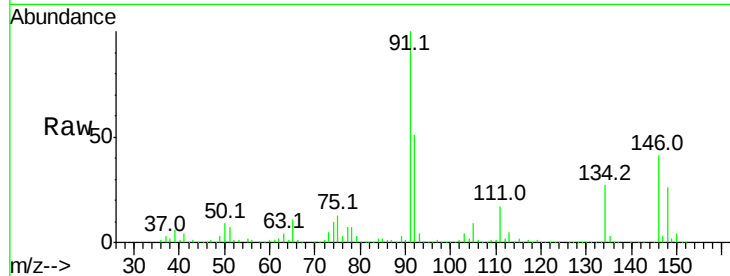




#89
n-Butylbenzene
Concen: 95.757 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

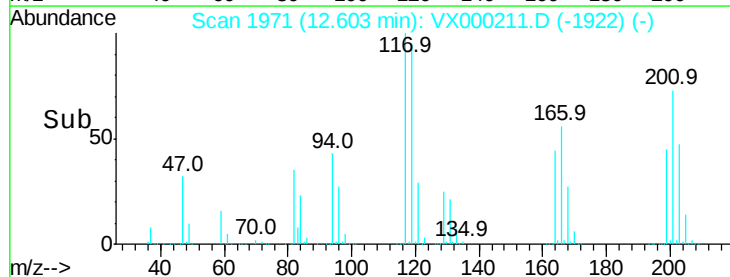
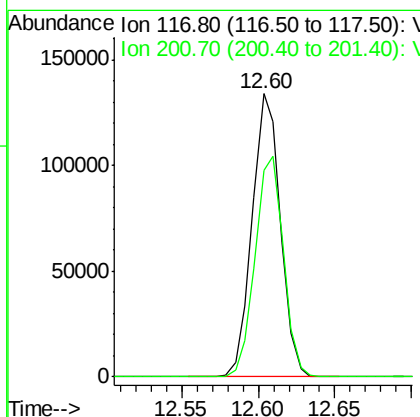
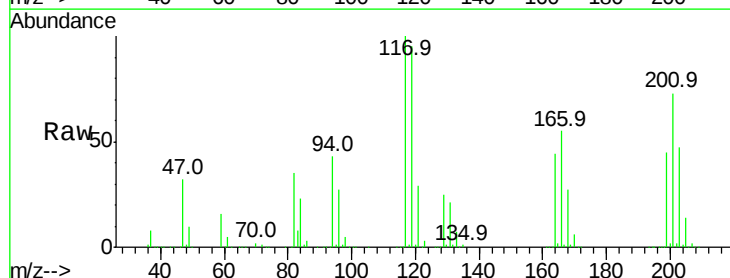
Instrument :
MSVOA_X
ClientSampled :

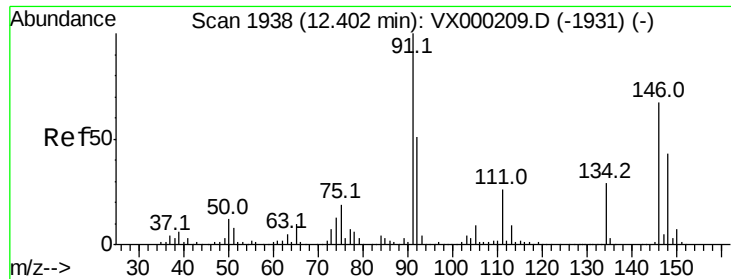
Tot Ion: 91 Resp: 942621
Ion Ratio Lower Upper
91 100
92 51.4 25.8 77.4
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 102.509 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 117 Resp: 171873
Ion Ratio Lower Upper
117 100
201 78.5 38.2 114.6





#91

1,2-Dichlorobenzene

Concen: 95.720 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

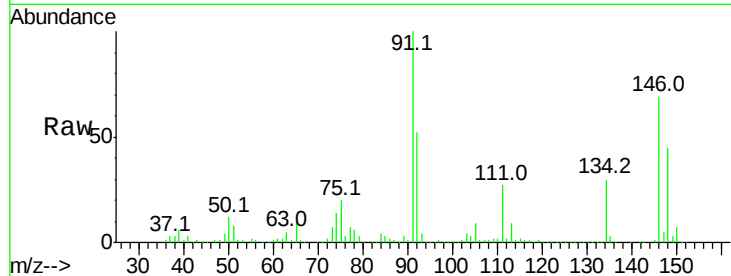
Tot Ion:146 Resp: 536254

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

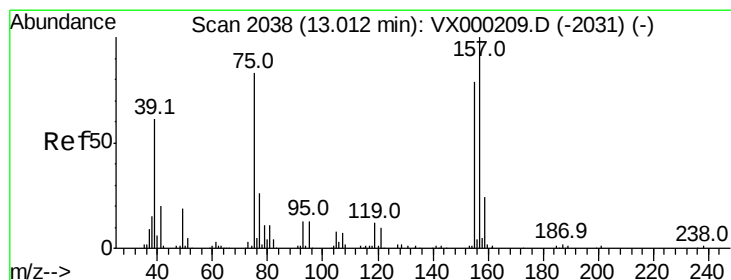
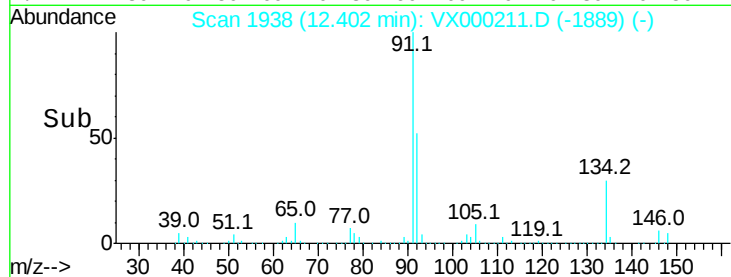
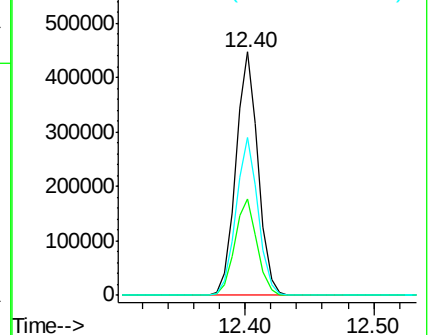
148 64.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 105.146 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

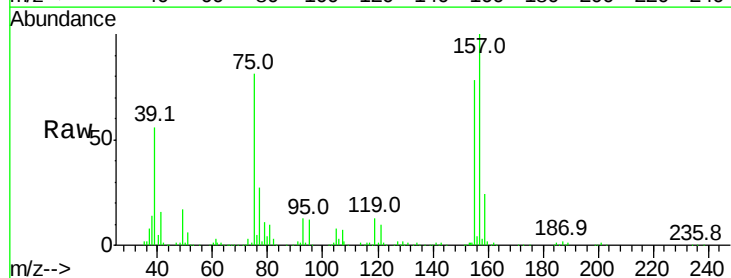
Tgt Ion: 75 Resp: 111441

Ion Ratio Lower Upper

75 100

155 91.8 45.5 136.5

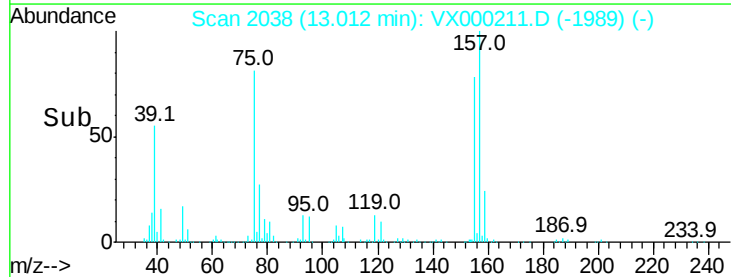
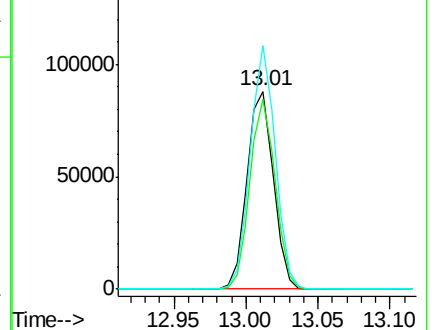
157 116.3 58.6 175.8

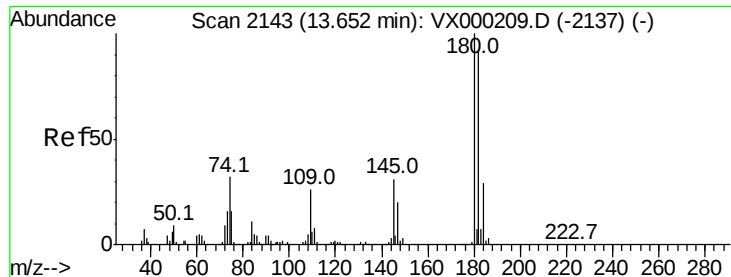


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 93.824 ug/l

RT: 13.66 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

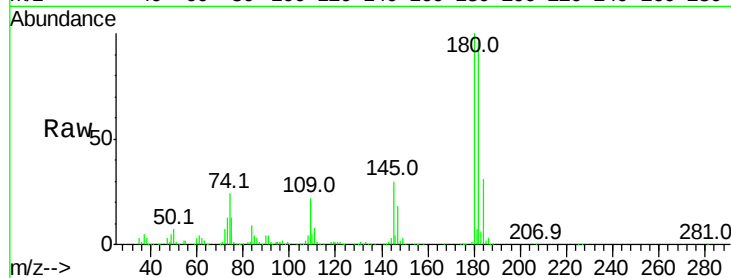
Tot Ion:180 Resp: 389883

Ion Ratio Lower Upper

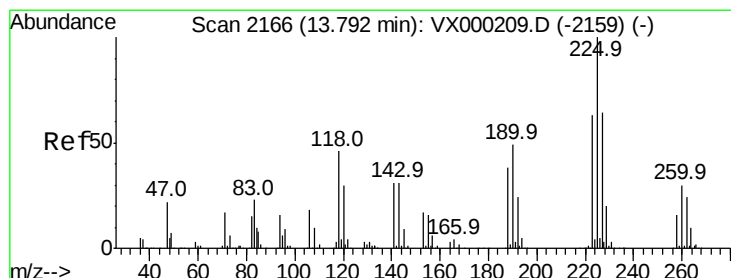
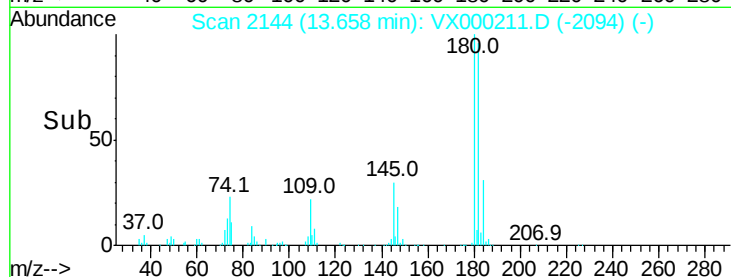
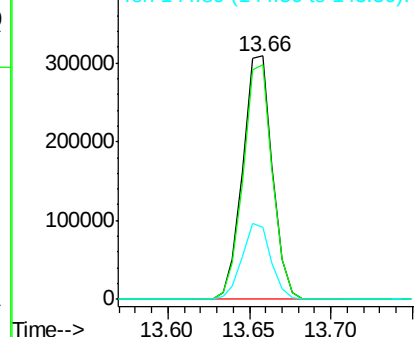
180 100

182 95.4 47.0 141.0

145 30.6 15.3 45.9



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: 86.666 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

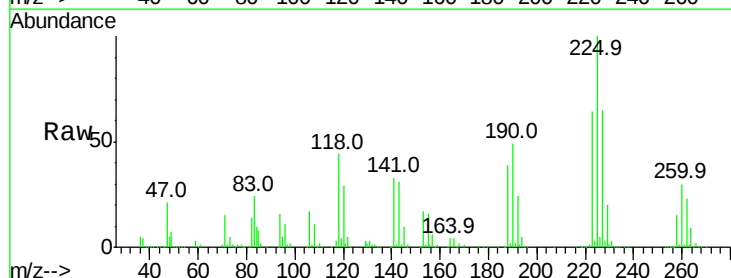
Tgt Ion:225 Resp: 155114

Ion Ratio Lower Upper

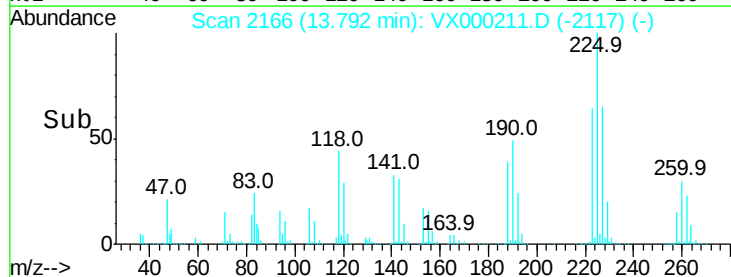
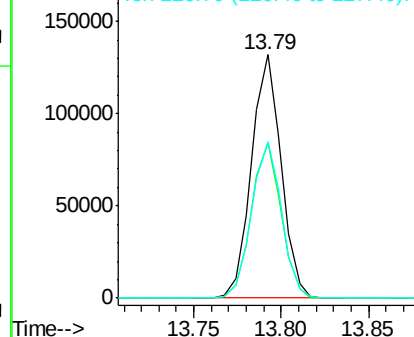
225 100

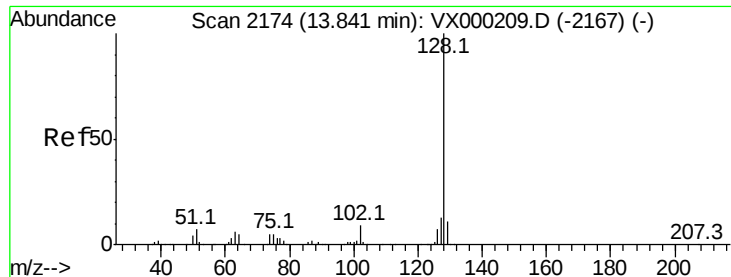
223 64.2 31.8 95.3

227 64.9 31.9 95.5



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

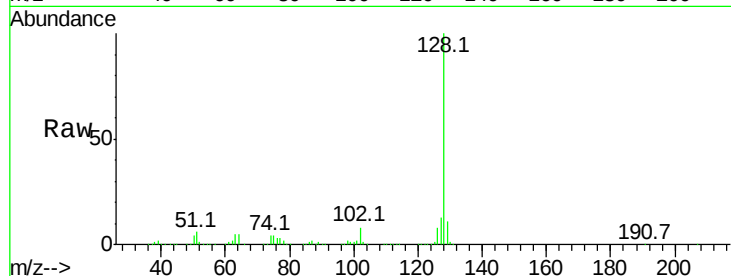




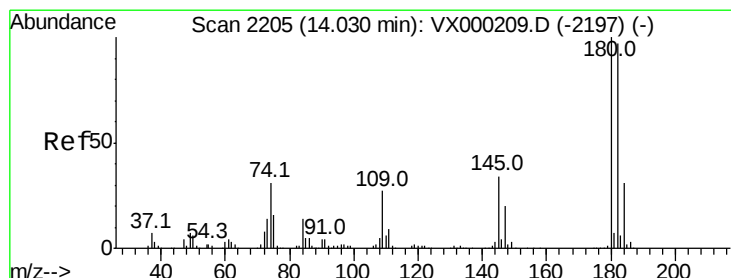
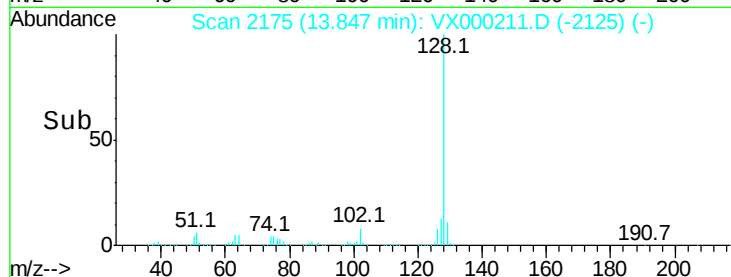
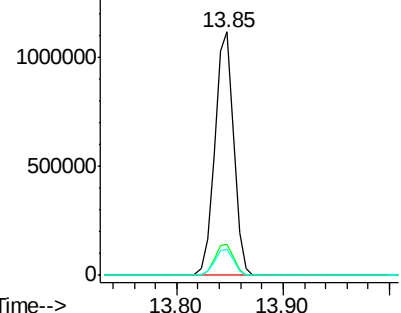
#95
Naphthalene
Concen: 98.042 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1391126
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.6 13.0

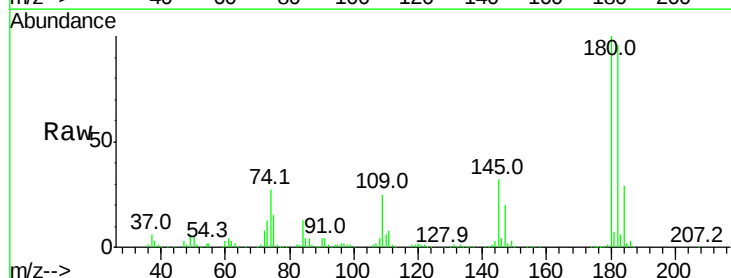


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 94.156 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion:180 Resp: 385770
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 32.1 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

