

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003141.D
 Acq On : 03 Jul 2018 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:11:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	379869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159909	39.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.22%	
35) Dibromofluoromethane	5.51	113	138825	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
50) Toluene-d8	8.72	98	499009	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.14	95	195965	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	140139	53.08	ug/l	99
3) Chloromethane	1.32	50	142479	52.01	ug/l	99
4) Vinyl Chloride	1.40	62	161687	48.33	ug/l	98
5) Bromomethane	1.64	94	69483	44.18	ug/l	99
6) Chloroethane	1.72	64	98990	50.46	ug/l	99
7) Trichlorofluoromethane	1.93	101	253254	44.88	ug/l	98
8) Diethyl Ether	2.19	74	93437	45.55	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	151688	46.39	ug/l	96
10) Methyl Iodide	2.51	142	131825	41.03	ug/l	97
11) Tert butyl alcohol	3.08	59	156232	191.81	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134113	45.97	ug/l	92
13) Acrolein	2.29	56	57114	128.57	ug/l	99
14) Allyl chloride	2.73	41	260902	45.37	ug/l	95
15) Acrylonitrile	3.15	53	381402	219.23	ug/l	99
16) Acetone	2.45	43	340244	200.94	ug/l	96
17) Carbon Disulfide	2.57	76	372465	47.92	ug/l	98
18) Methyl Acetate	2.78	43	181195	38.27	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	463112	44.16	ug/l	99
20) Methylene Chloride	2.86	84	150363	45.63	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	144860	45.59	ug/l	94
22) Diisopropyl ether	3.88	45	513419	46.71	ug/l	97
23) Vinyl Acetate	3.83	43	2183095	234.54	ug/l	98
24) 1,1-Dichloroethane	3.70	63	269642	45.13	ug/l	100
25) 2-Butanone	4.71	43	569542	226.64	ug/l	96
26) 2,2-Dichloropropane	4.59	77	239938	49.39	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	173459	48.69	ug/l	93
28) Bromochloromethane	5.02	49	141766	49.57	ug/l	89
29) Tetrahydrofuran	5.17	42	366385	227.36	ug/l	97
30) Chloroform	5.22	83	291567	47.55	ug/l	96
31) Cyclohexane	5.57	56	252983	49.34	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	261626	48.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	217368	52.18	ug/l	99
37) Ethyl Acetate	4.87	43	224514	50.06	ug/l	98
38) Carbon Tetrachloride	5.78	117	238579	52.19	ug/l	99

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Quant Time: Jul 04 03:11:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254200	52.39	ug/l	96
40) Benzene	6.15	78	618586	51.11	ug/l	100
41) Methacrylonitrile	5.07	41	127069	49.20	ug/l	98
42) 1,2-Dichloroethane	6.20	62	233384	47.73	ug/l	99
43) Isopropyl Acetate	6.47	43	365166	48.54	ug/l	97
44) Trichloroethene	7.21	130	188809	52.32	ug/l	99
45) 1,2-Dichloropropane	7.52	63	158950	49.51	ug/l	98
46) Dibromomethane	7.67	93	110551	49.61	ug/l	95
47) Bromodichloromethane	7.90	83	213838	51.91	ug/l	98
48) Methyl methacrylate	7.78	41	186872	48.21	ug/l	95
49) 1,4-Dioxane	7.76	88	67915	900.62	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1166811	247.92	ug/l	97
52) Toluene	8.79	92	412253	53.17	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	258294	55.37	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	241808	53.87	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	165745	52.02	ug/l	97
56) Ethyl methacrylate	9.18	69	250479	53.79	ug/l	93
57) 1,3-Dichloropropane	9.38	76	265690	50.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	510280	227.14	ug/l	96
59) 2-Hexanone	9.50	43	873479	244.20	ug/l	96
60) Dibromochloromethane	9.59	129	180820	53.91	ug/l	99
61) 1,2-Dibromoethane	9.68	107	173001	51.76	ug/l	100
64) Tetrachloroethene	9.34	164	212050	52.57	ug/l	98
65) Chlorobenzene	10.14	112	468462	50.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	174408	52.11	ug/l	99
67) Ethyl Benzene	10.26	91	791491	52.00	ug/l	100
68) m/p-Xylenes	10.36	106	626833	106.86	ug/l	97
69) o-Xylene	10.70	106	307136	53.77	ug/l	98
70) Styrene	10.71	104	522519	56.30	ug/l	98
71) Bromoform	10.86	173	145895	48.38	ug/l	100
73) Isopropylbenzene	11.02	105	845987	53.11	ug/l	100
74) N-amyl acetate	6.47	43	365166	46.85	ug/l #	97
75) 1,1,1,2-Tetrachloroethane	11.27	83	239452	48.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	282502	65.86	ug/l	80
77) Bromobenzene	11.26	156	231885	51.12	ug/l	95
78) n-propylbenzene	11.37	91	950159	52.40	ug/l	98
79) 2-Chlorotoluene	11.43	91	553795	50.45	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	709294	52.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	71410	48.42	ug/l	95
82) 4-Chlorotoluene	11.51	91	662490	50.98	ug/l	97
83) tert-Butylbenzene	11.77	119	681810	51.56	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	713285	51.31	ug/l	98
85) sec-Butylbenzene	11.95	105	814139	50.75	ug/l	99
86) p-Isopropyltoluene	12.07	119	751302	52.10	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	418853	50.55	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	424345	49.77	ug/l	99
89) n-Butylbenzene	12.39	91	641126	51.08	ug/l	99
90) Hexachloroethane	12.60	117	114995	53.61	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	418461	50.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53160	48.19	ug/l	94

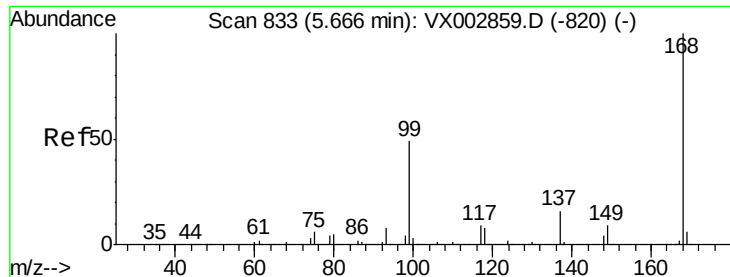
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	327064	53.74	ug/l	99
94) Hexachlorobutadiene	13.79	225	162365	53.49	ug/l	99
95) Naphthalene	13.83	128	870956	53.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325995	53.63	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

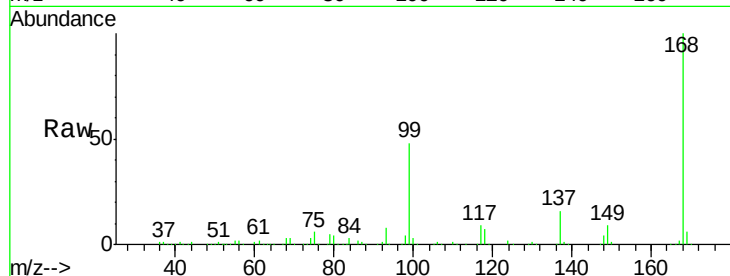
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 295809

Ion Ratio Lower Upper

168 100

99 48.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

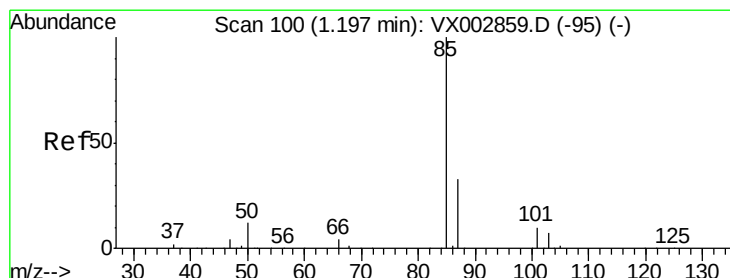
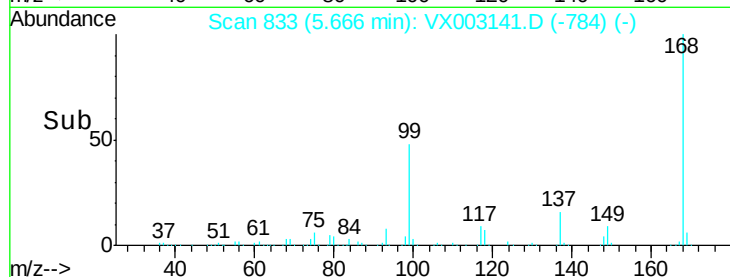
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003141.D

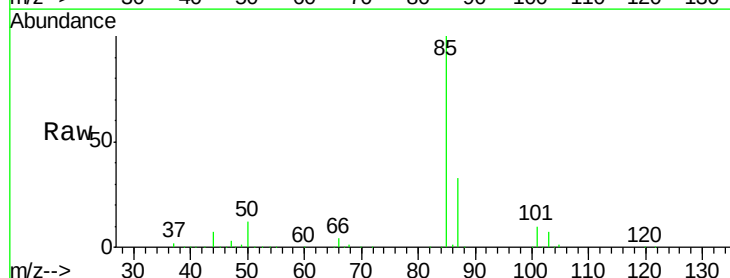
Acq: 03 Jul 2018 10:20

Tgt Ion: 85 Resp: 140139

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

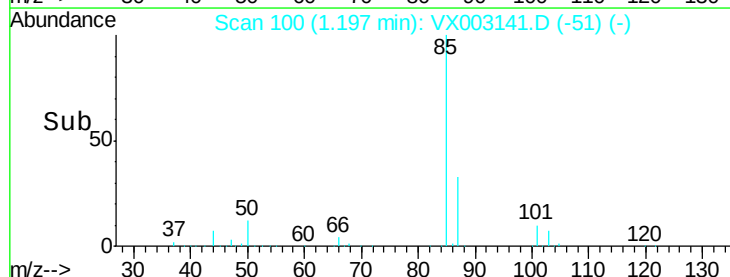
100000

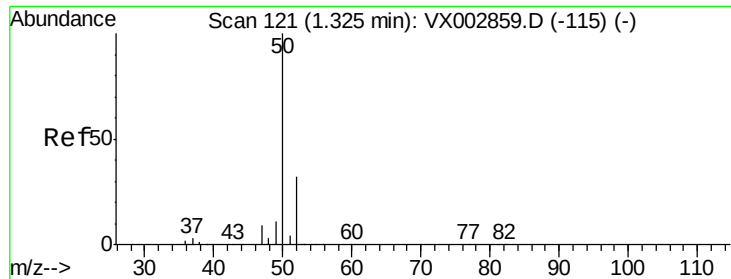
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 52.01 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

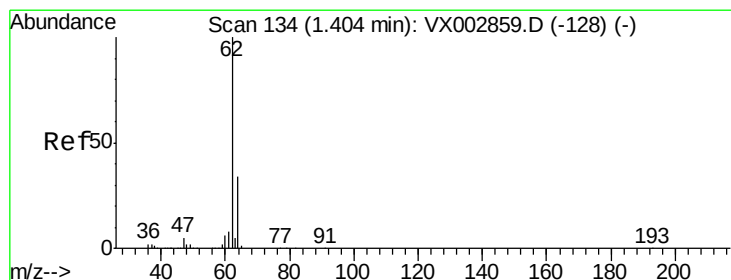
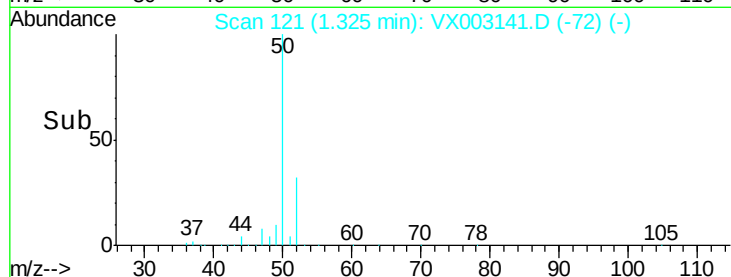
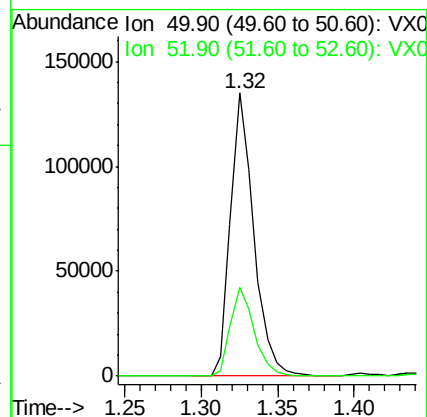
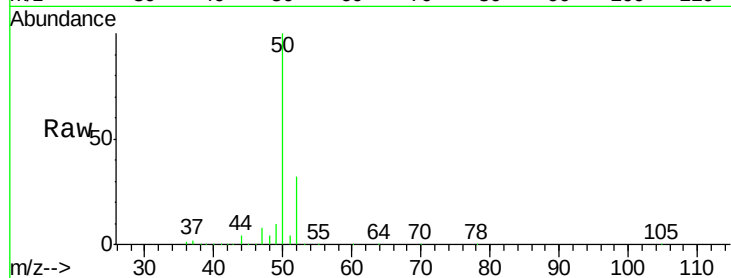
ClientSampled :

Tot Ion: 50 Resp: 142479

Ion Ratio Lower Upper

50 100

52 31.5 25.7 38.5



#4

Vinyl Chloride

Concen: 48.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003141.D

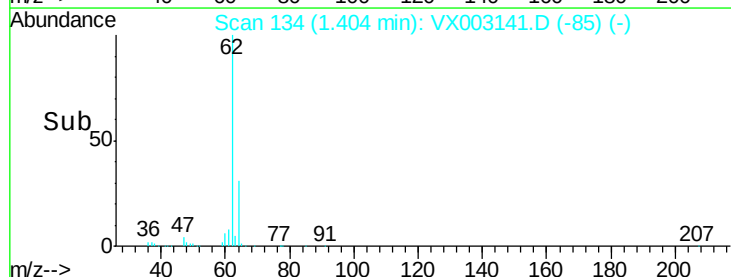
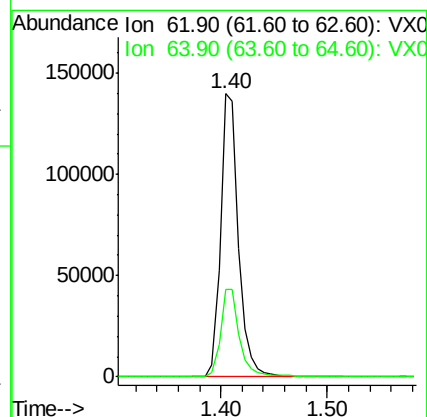
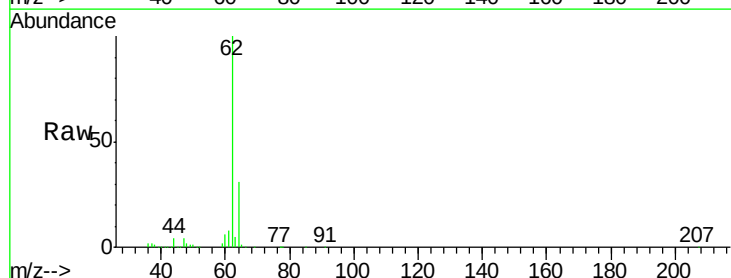
Acq: 03 Jul 2018 10:20

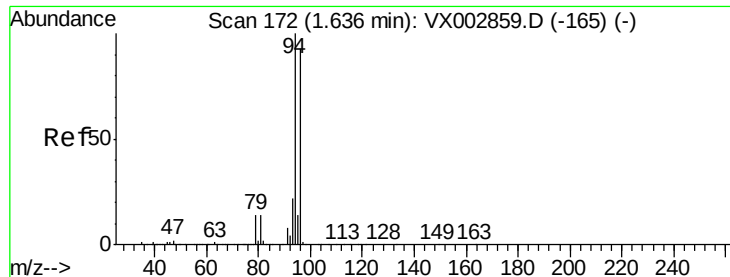
Tgt Ion: 62 Resp: 161687

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.2





#5

Bromomethane

Concen: 44.18 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

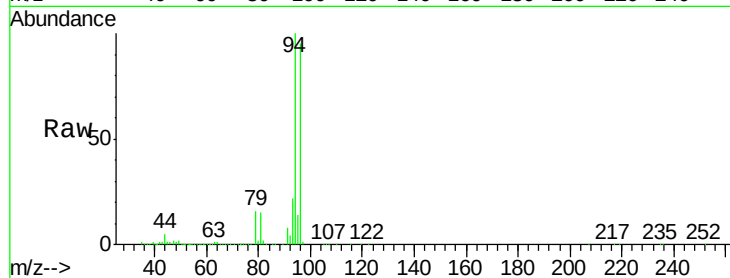
ClientSampled :

Tot Ion: 94 Resp: 69483

Ion Ratio Lower Upper

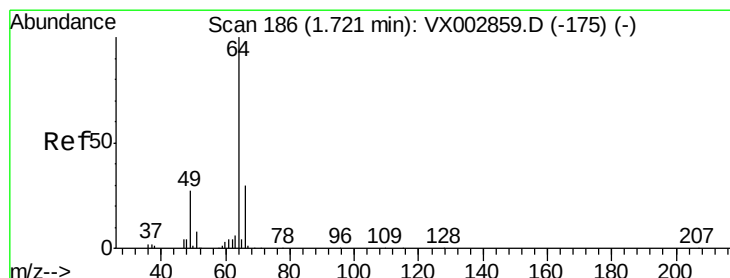
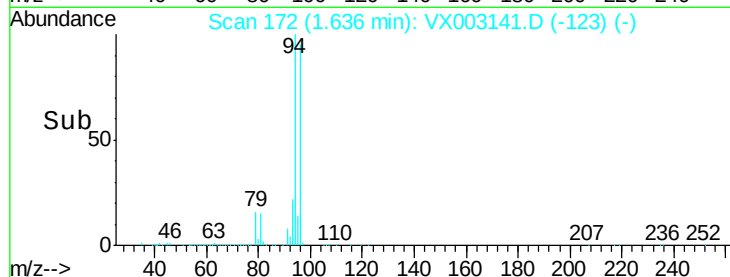
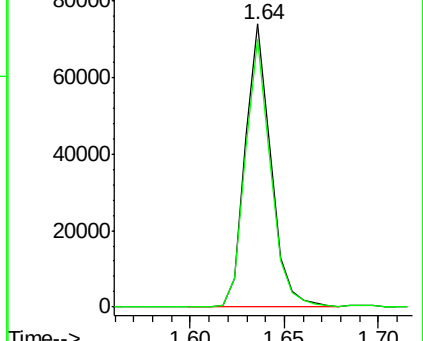
94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.46 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003141.D

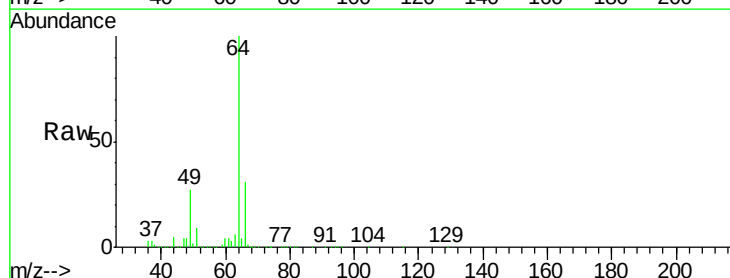
Acq: 03 Jul 2018 10:20

Tgt Ion: 64 Resp: 98990

Ion Ratio Lower Upper

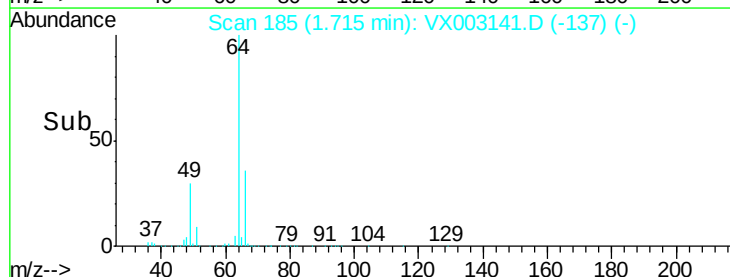
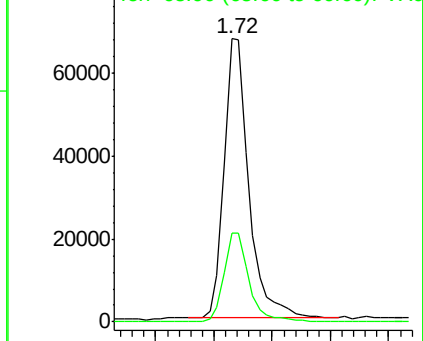
64 100

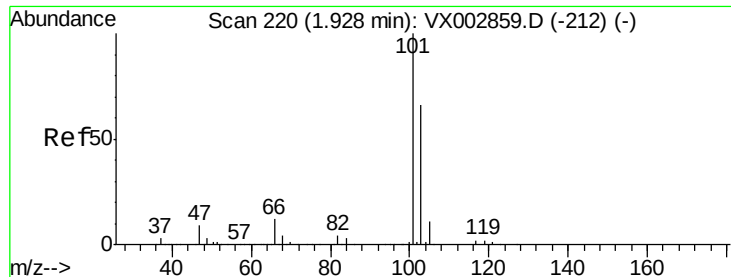
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



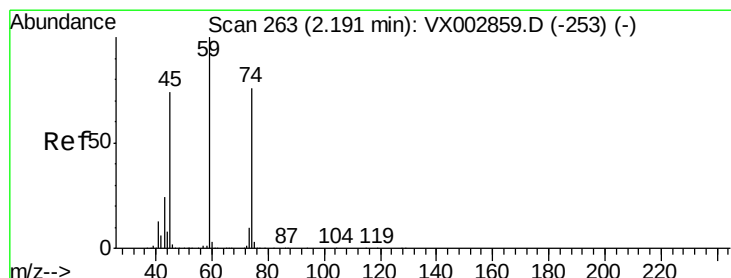
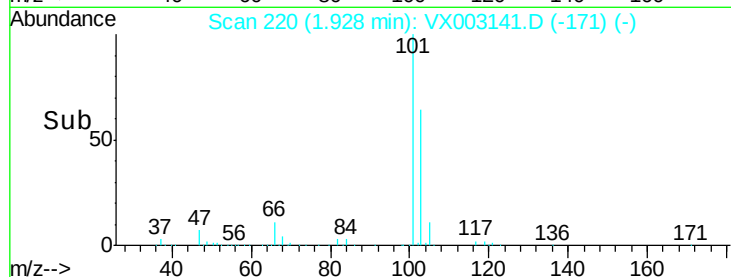
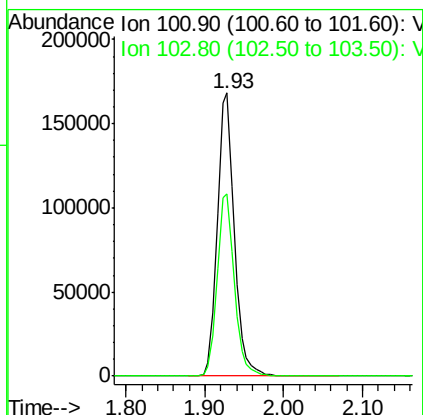
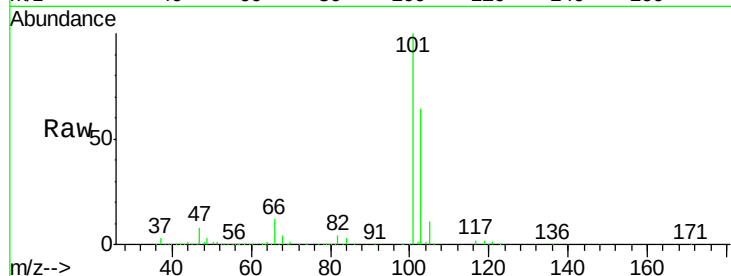


#7

Trichlorofluoromethane
 Concen: 44.88 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :

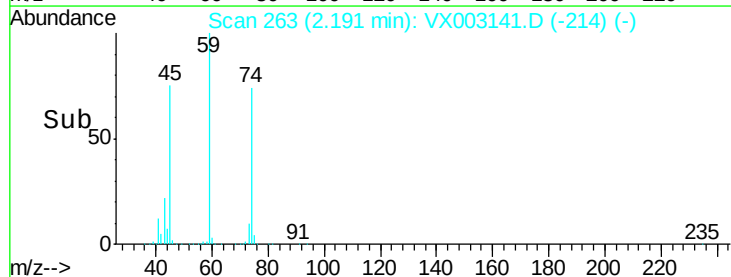
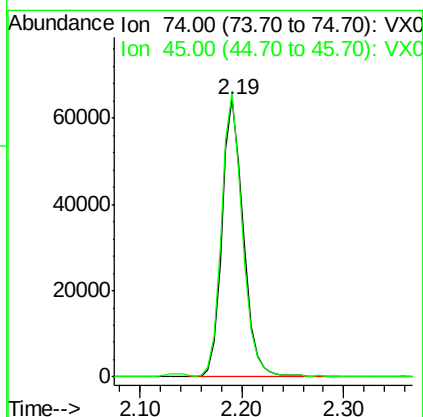
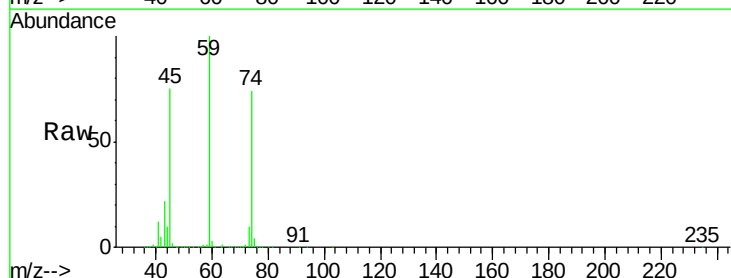
Tot Ion:101 Resp: 253254
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.8 79.2

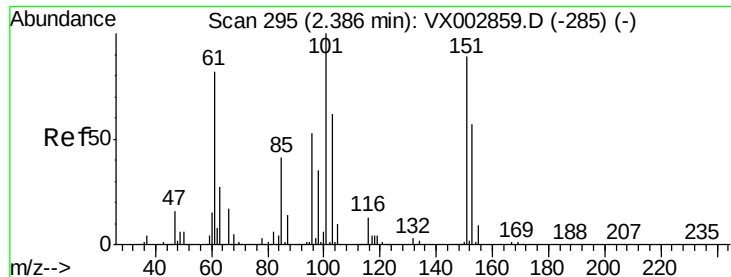


#8

Diethyl Ether
 Concen: 45.55 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 74 Resp: 93437
 Ion Ratio Lower Upper
 74 100
 45 100.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.39 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

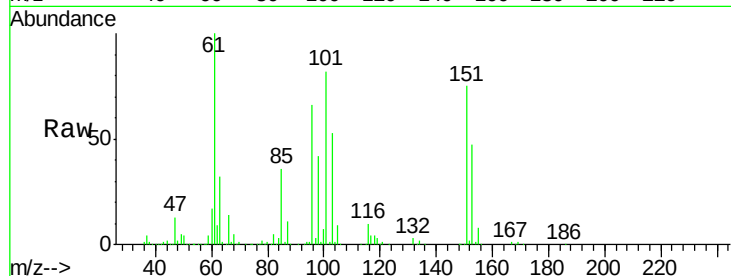
Tot Ion:101 Resp: 151688

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

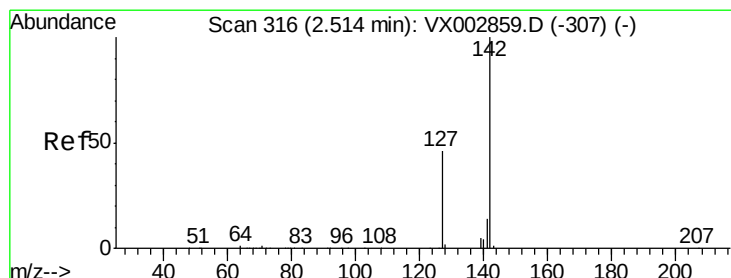
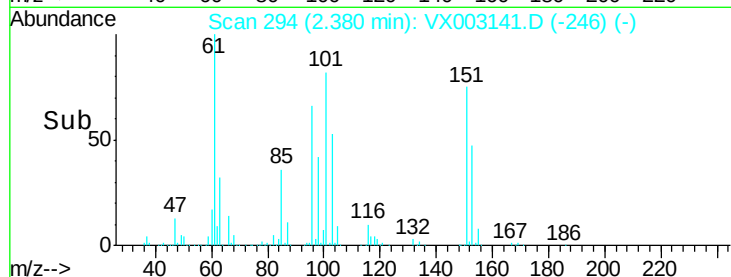
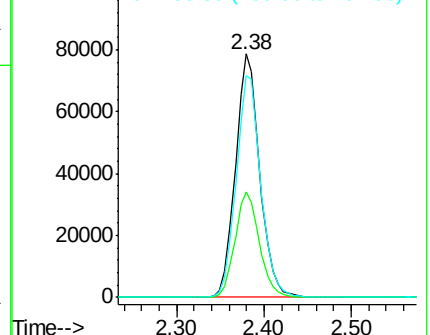
151 92.6 70.9 106.3



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: 41.03 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

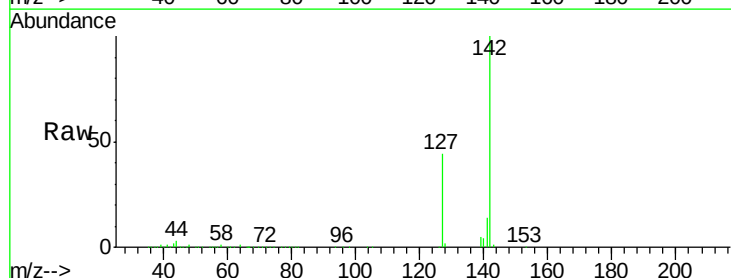
Tgt Ion:142 Resp: 131825

Ion Ratio Lower Upper

142 100

127 43.7 36.6 55.0

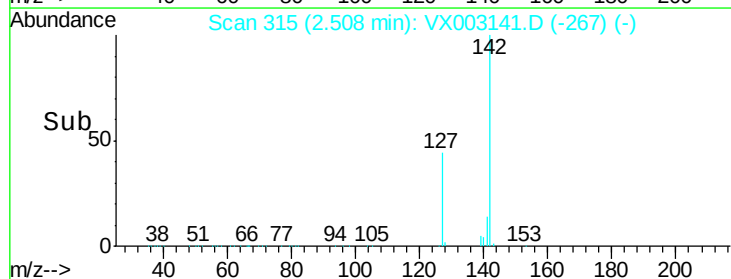
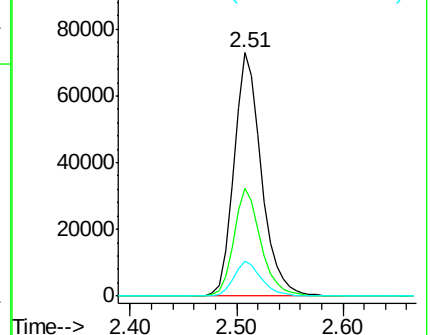
141 14.5 11.3 16.9

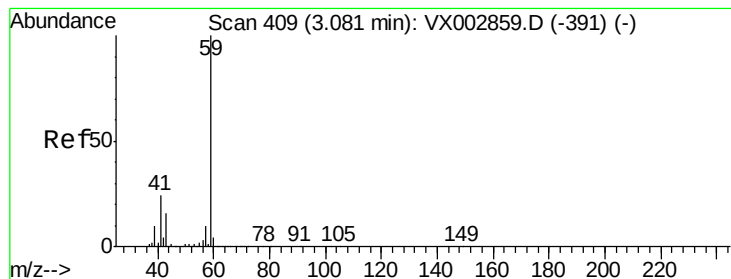


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 191.81 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

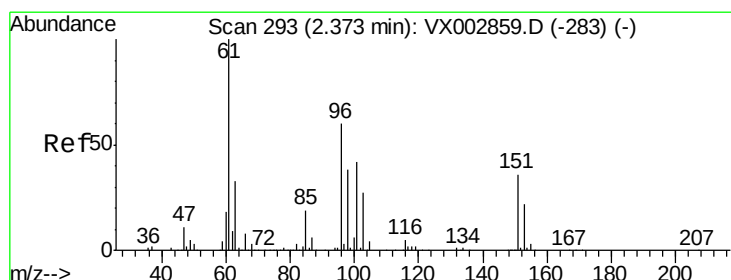
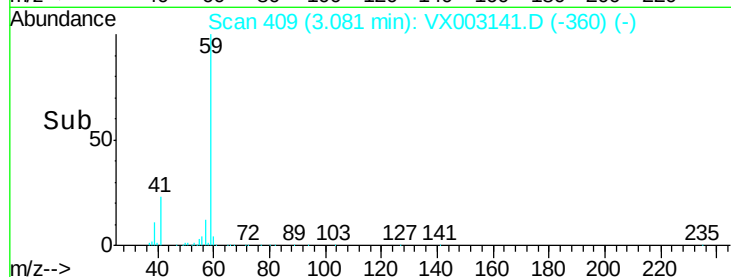
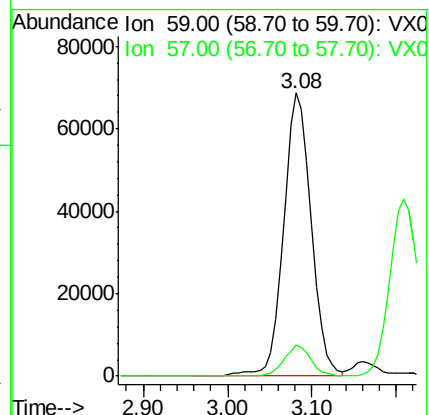
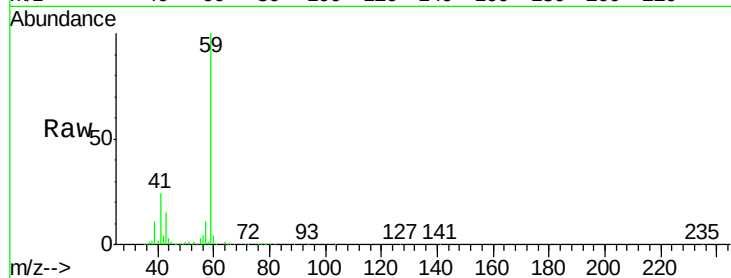
ClientSampleId :

Tot Ion: 59 Resp: 156232

Ion Ratio Lower Upper

59 100

57 10.7 8.2 12.2



#12

1,1-Dichloroethene

Concen: 45.97 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

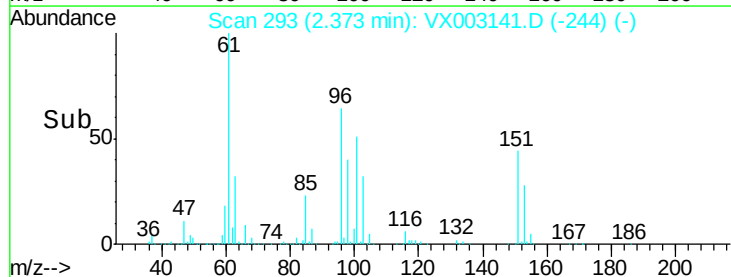
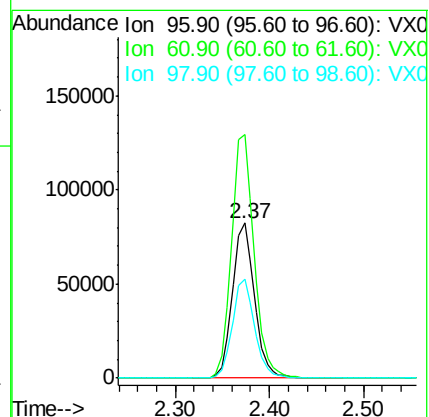
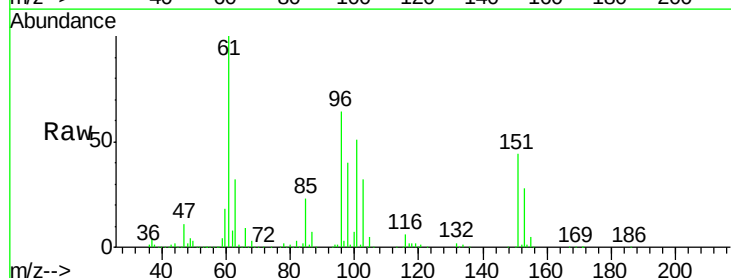
Tgt Ion: 96 Resp: 134113

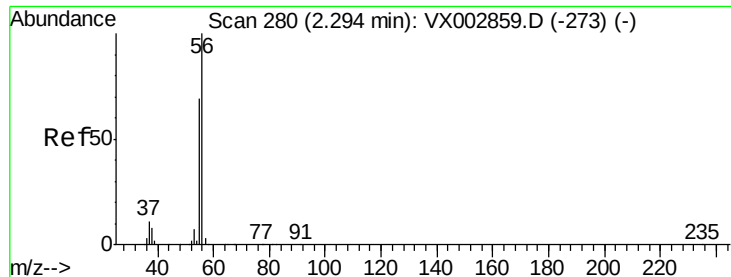
Ion Ratio Lower Upper

96 100

61 157.2 137.9 206.9

98 63.5 51.6 77.4





#13

Acrolein

Concen: 128.57 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

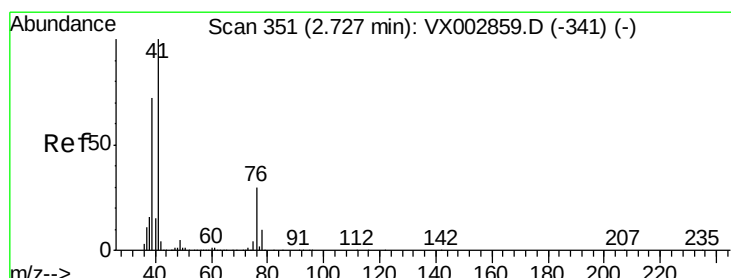
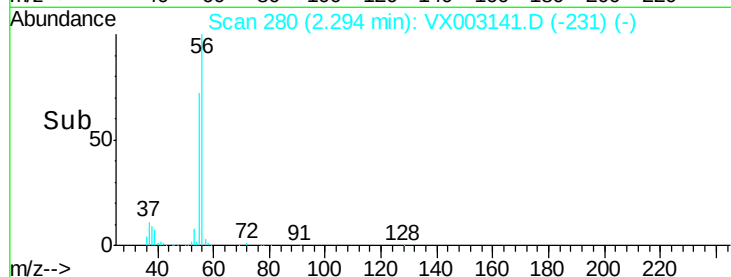
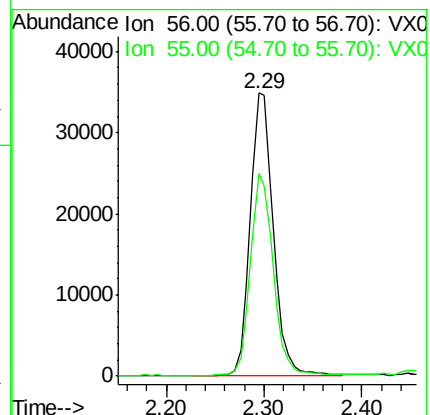
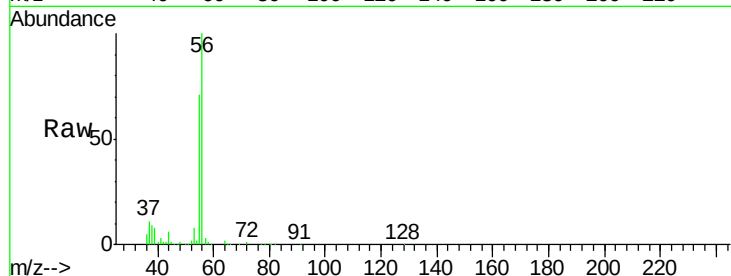
ClientSampleId :

Tot Ion: 56 Resp: 57114

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 45.37 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

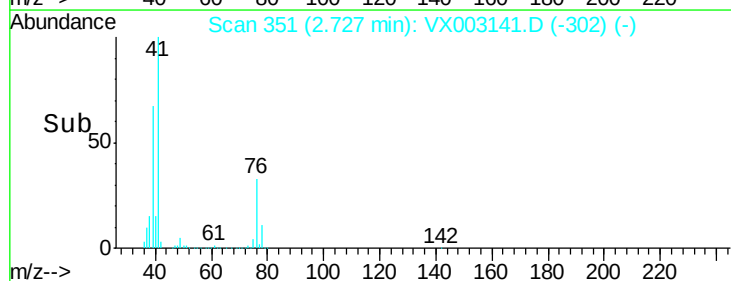
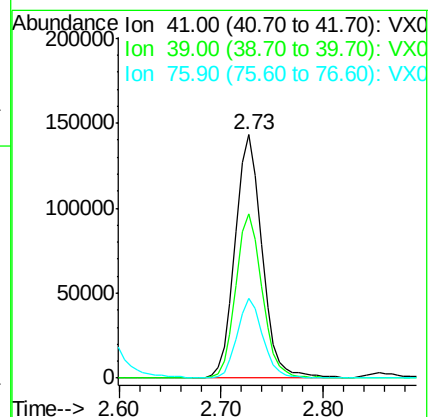
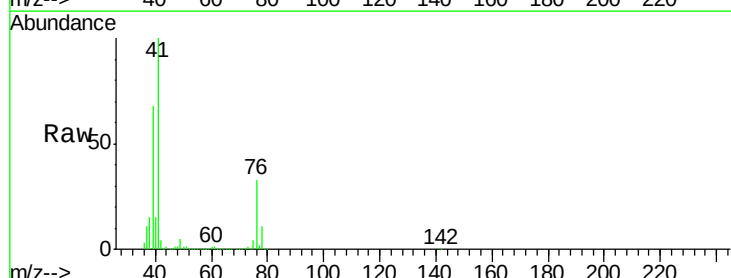
Tgt Ion: 41 Resp: 260902

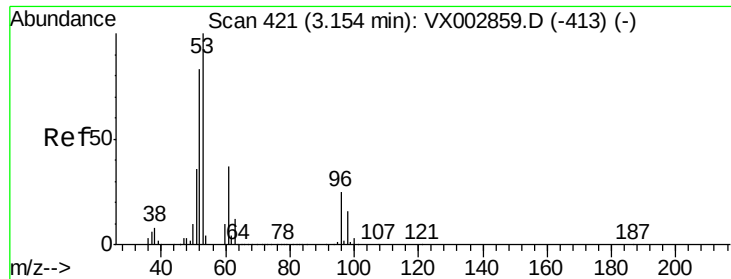
Ion Ratio Lower Upper

41 100

39 66.1 56.8 85.2

76 31.2 23.8 35.8





#15

Acrylonitrile

Concen: 219.23 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

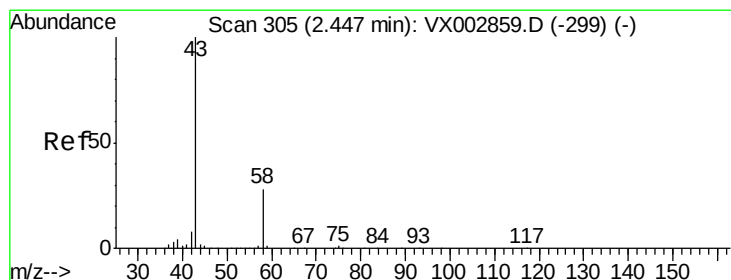
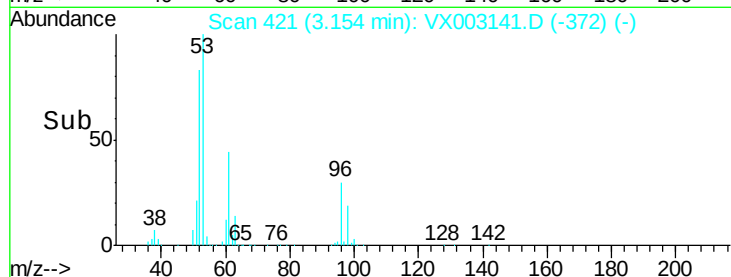
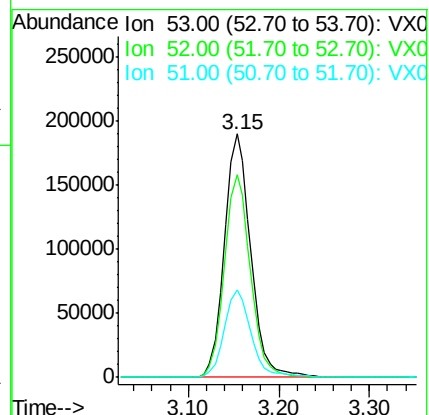
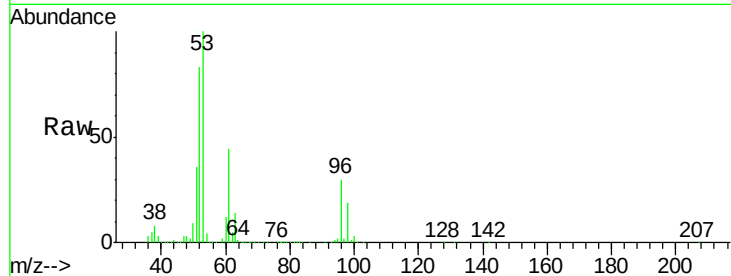
Tot Ion: 53 Resp: 381402

Ion Ratio Lower Upper

53 100

52 82.8 66.7 100.1

51 36.5 29.9 44.9



#16

Acetone

Concen: 200.94 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003141.D

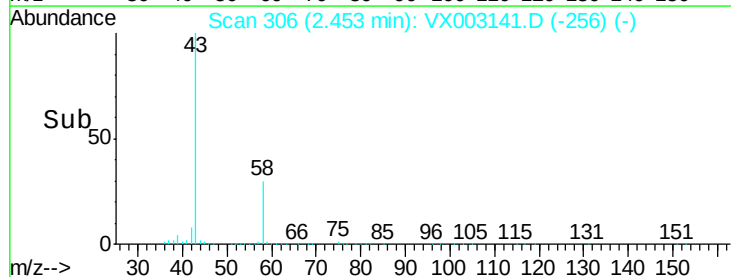
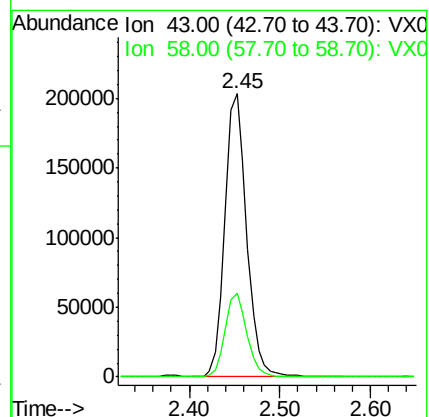
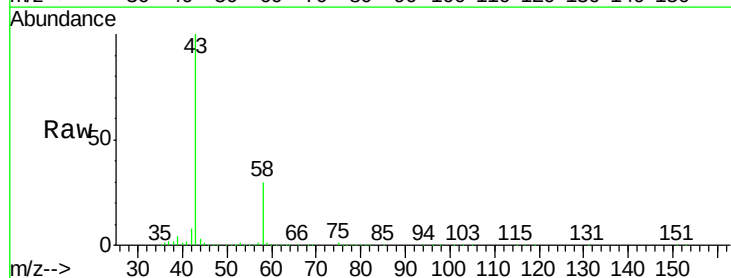
Acq: 03 Jul 2018 10:20

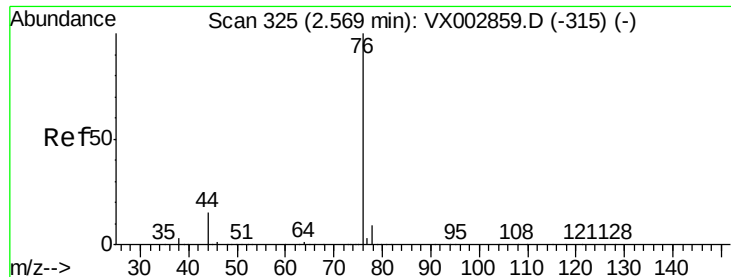
Tgt Ion: 43 Resp: 340244

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1





#17

Carbon Disulfide

Concen: 47.92 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

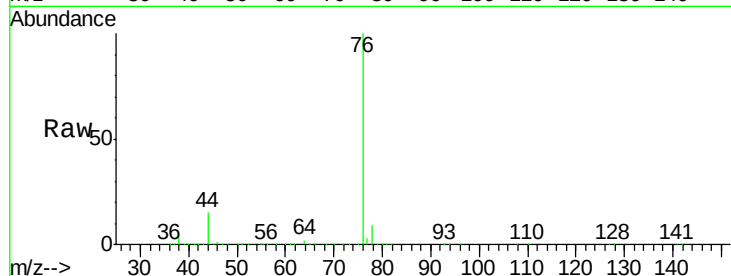
ClientSampleId :

Tot Ion: 76 Resp: 372465

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

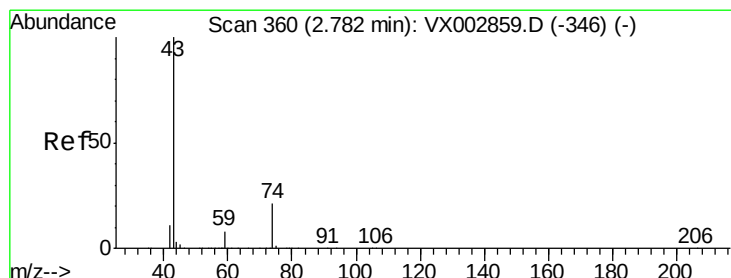
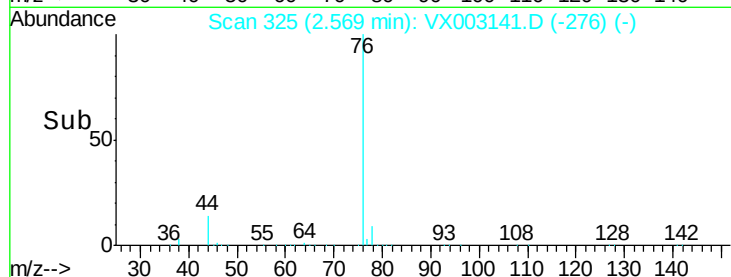
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 38.27 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003141.D

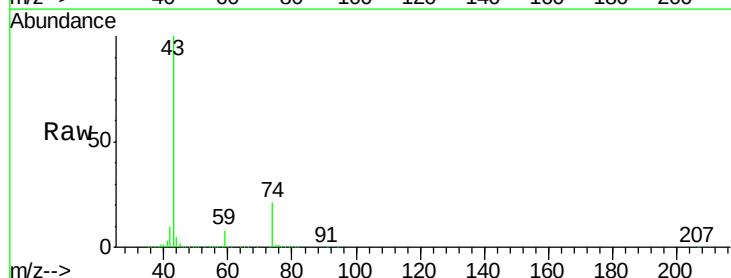
Acq: 03 Jul 2018 10:20

Tgt Ion: 43 Resp: 181195

Ion Ratio Lower Upper

43 100

74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

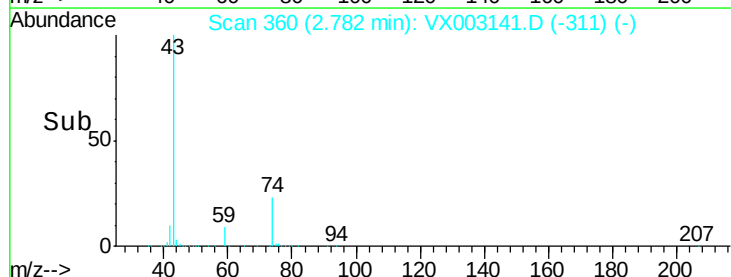
40000

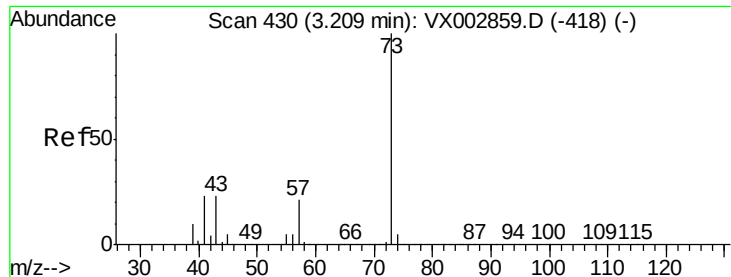
20000

0

2.70 2.80

Time-->



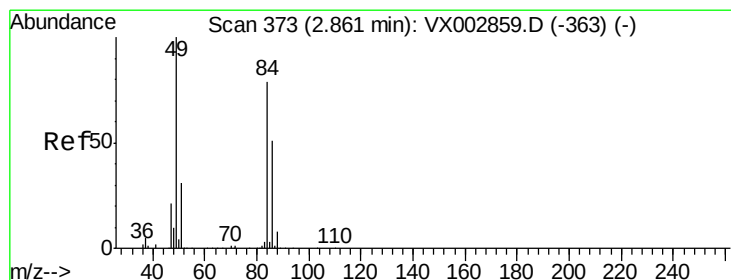
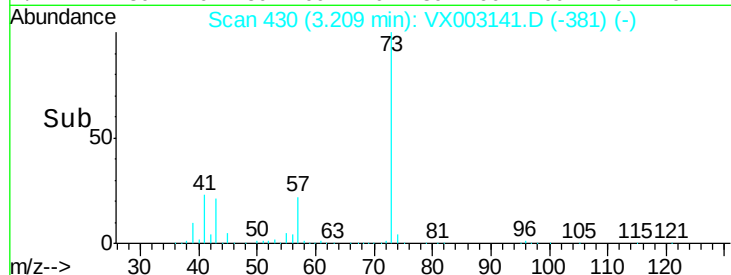
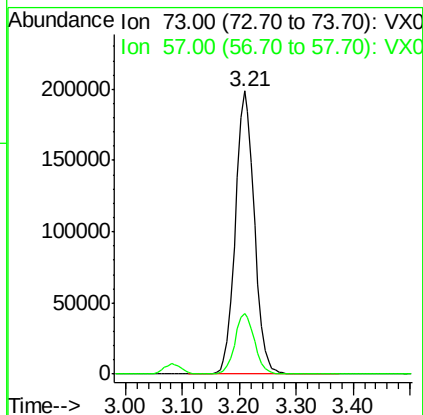
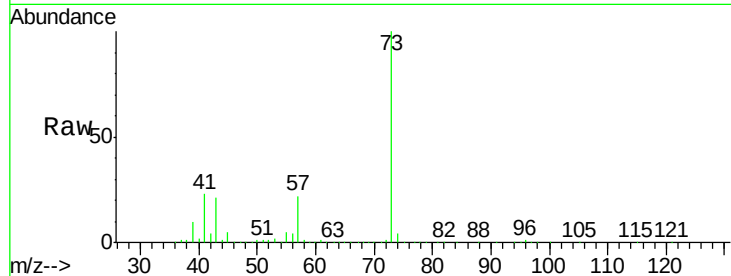


#19

Methyl tert-butyl Ether
 Concen: 44.16 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampled :

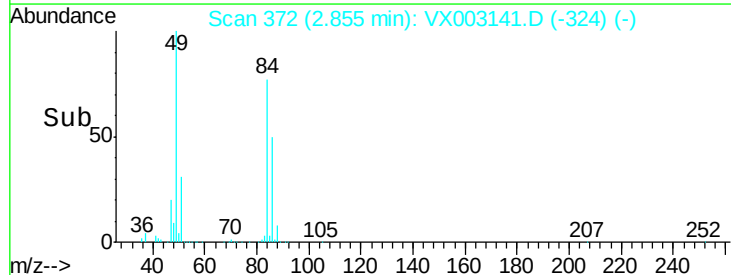
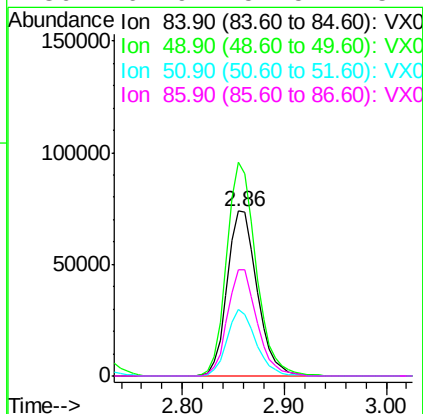
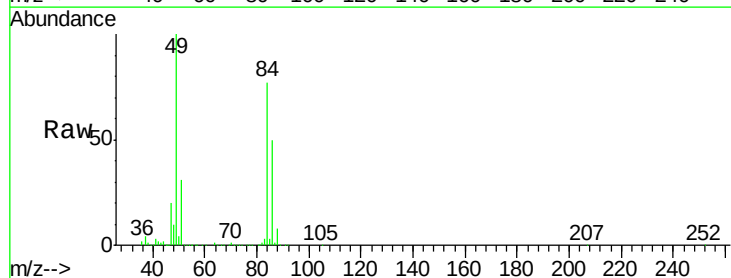
Tot Ion: 73 Resp: 463112
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

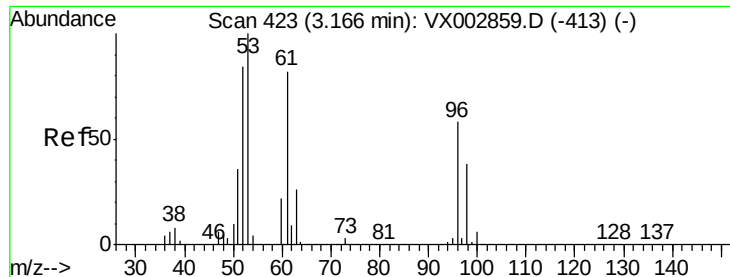


#20

Methylene Chloride
 Concen: 45.63 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 84 Resp: 150363
 Ion Ratio Lower Upper
 84 100
 49 129.7 107.8 161.6
 51 40.1 32.8 49.2
 86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

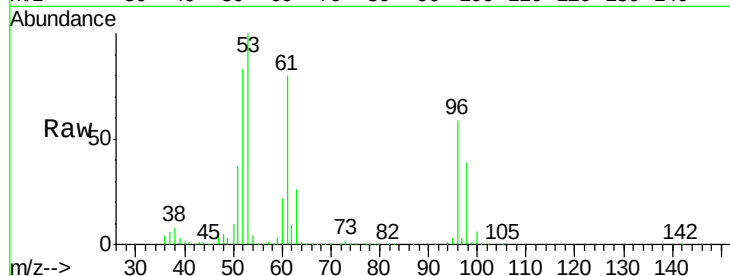
Tot Ion: 96 Resp: 144860

Ion Ratio Lower Upper

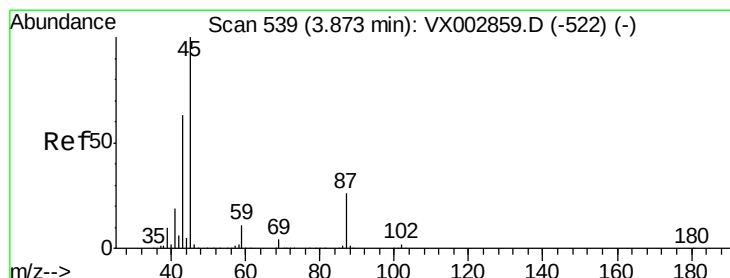
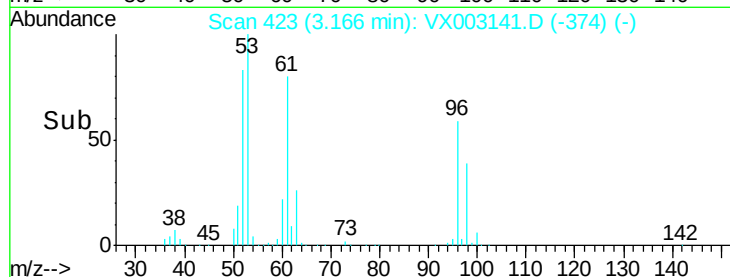
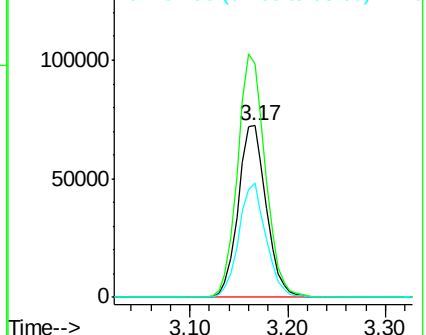
96 100

61 136.2 117.0 175.4

98 66.6 52.4 78.6



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



#22

Diisopropyl ether

Concen: 46.71 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion: 45 Resp: 513419

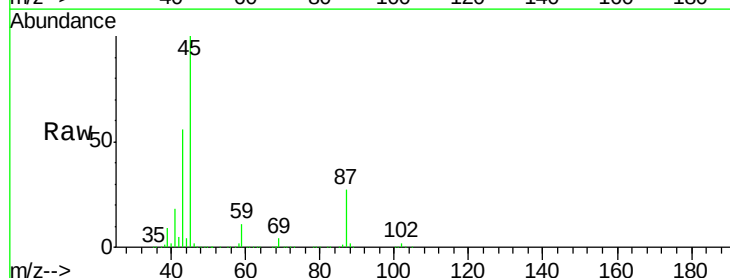
Ion Ratio Lower Upper

45 100

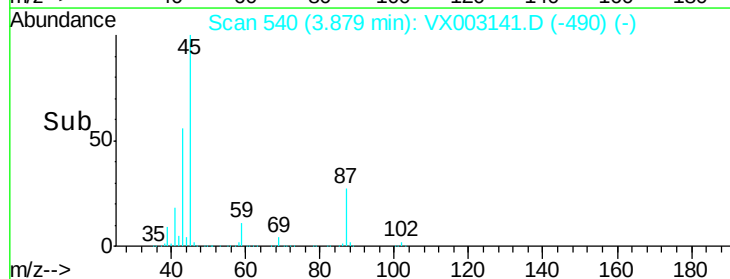
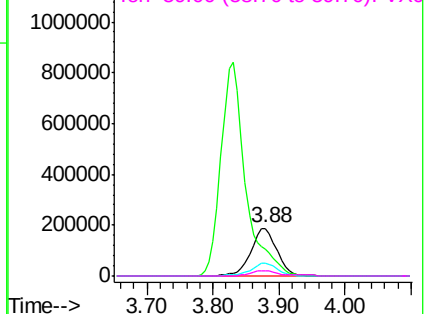
43 56.1 46.8 70.2

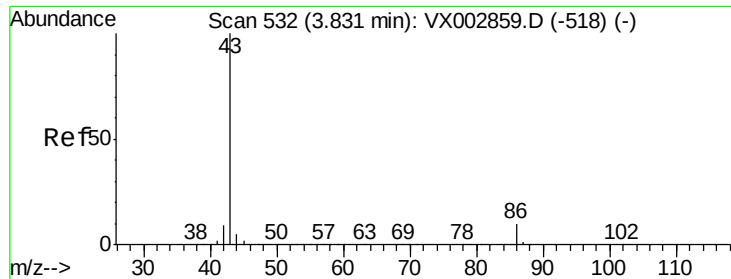
87 27.4 20.2 30.4

59 11.4 8.7 13.1



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

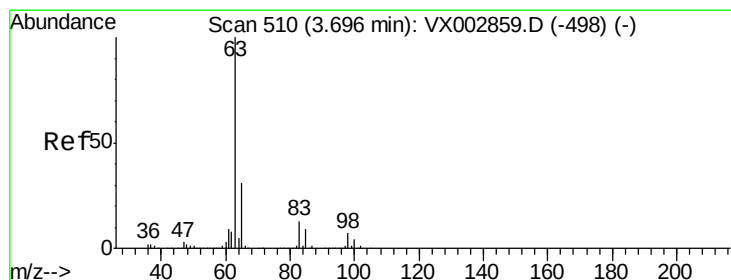
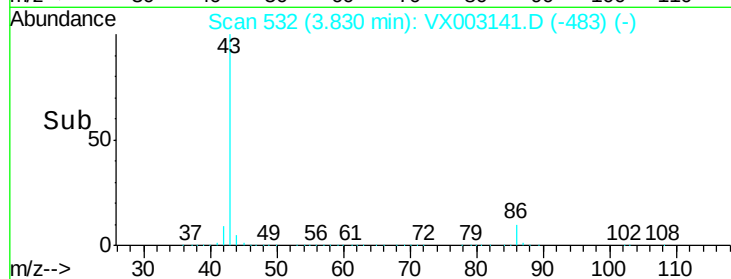
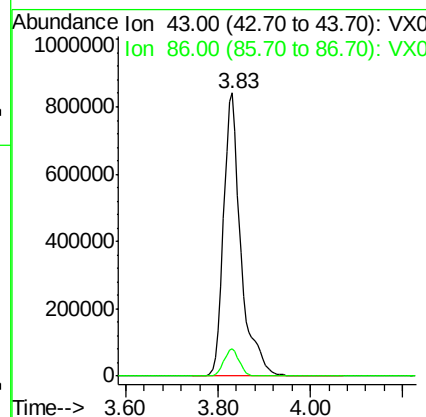
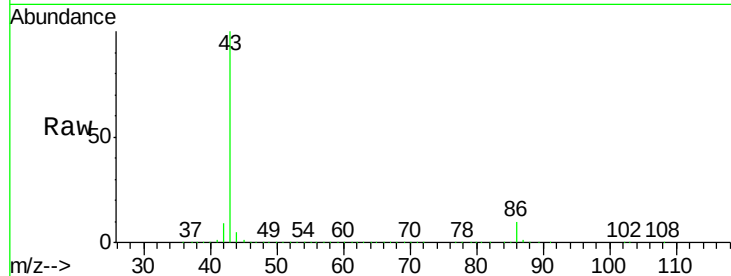




#23
 Vinyl Acetate
 Concen: 234.54 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

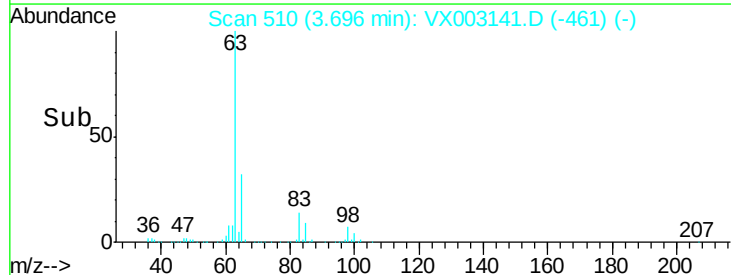
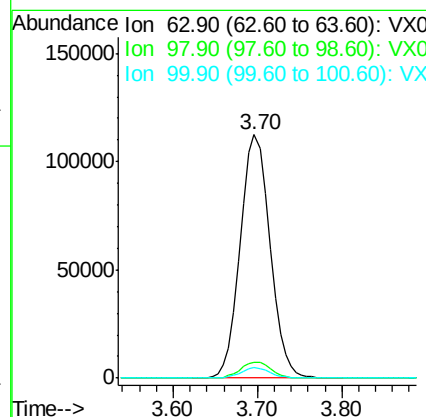
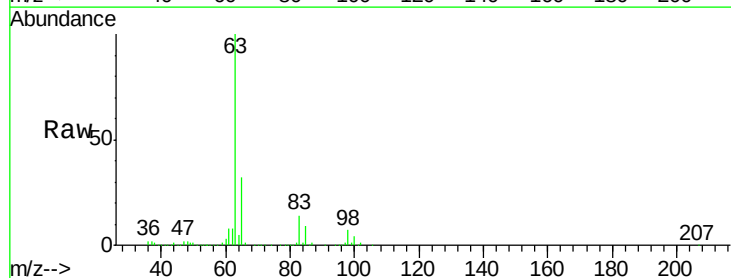
Instrument :
 MSVOA_X
 ClientSampleId :

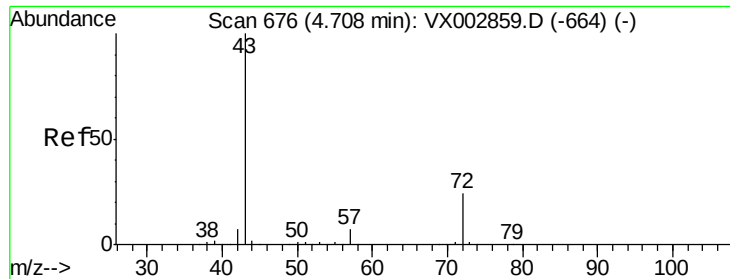
Tot Ion: 43 Resp: 2183095
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 45.13 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 63 Resp: 269642
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 226.64 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

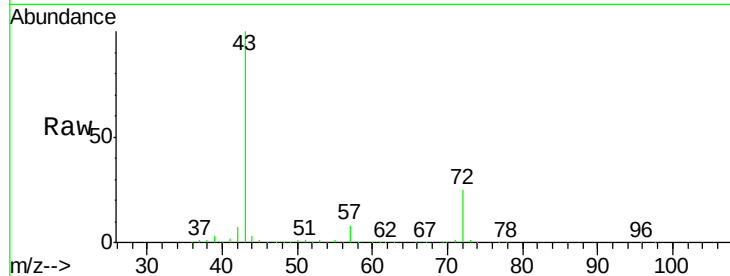
ClientSampled :

Tot Ion: 43 Resp: 569542

Ion Ratio Lower Upper

43 100

72 24.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

200000

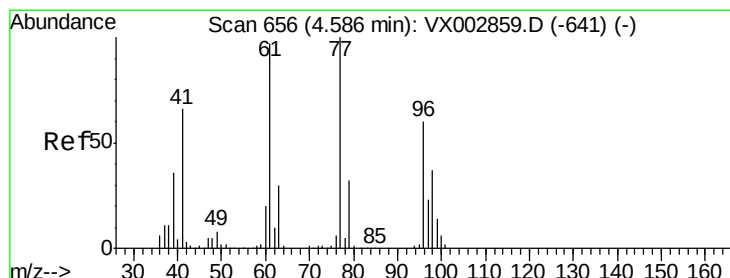
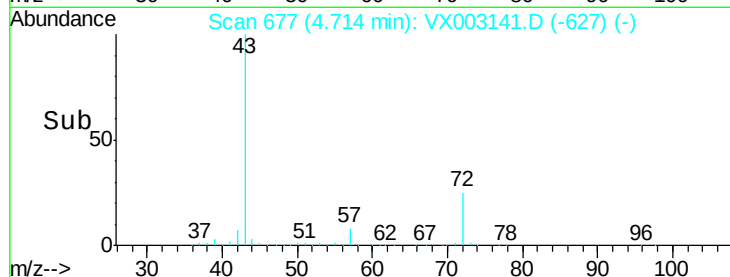
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.39 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003141.D

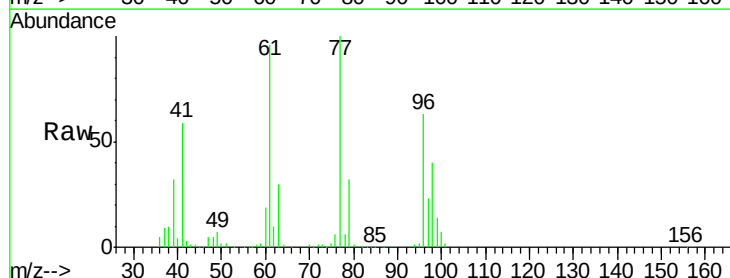
Acq: 03 Jul 2018 10:20

Tgt Ion: 77 Resp: 239938

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

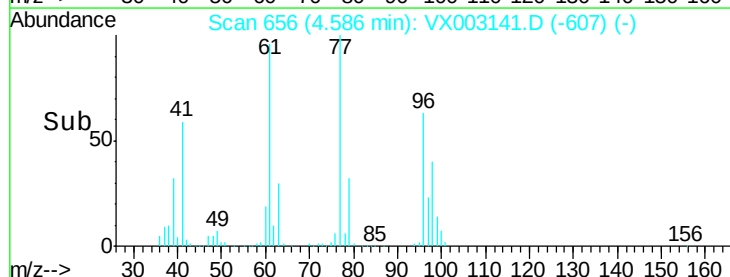
60000

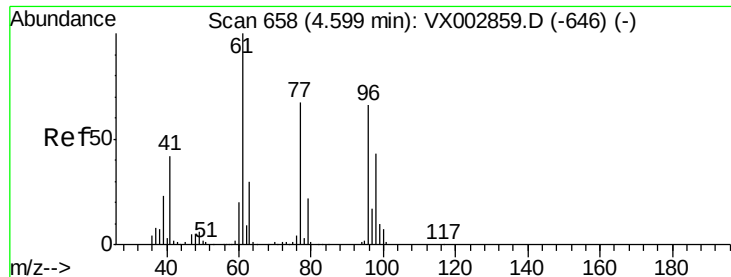
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.69 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

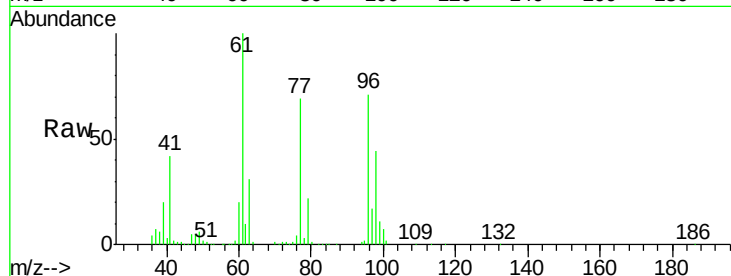
Tot Ion: 96 Resp: 173459

Ion Ratio Lower Upper

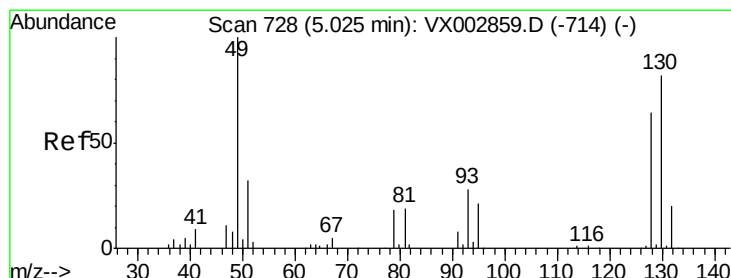
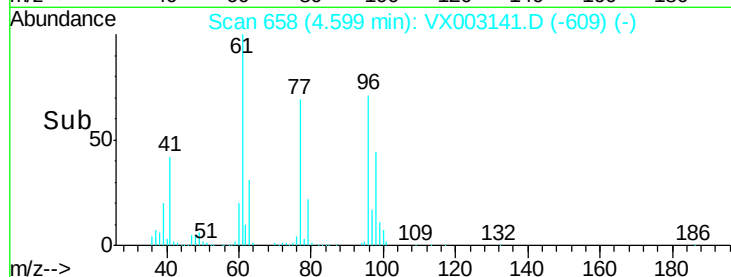
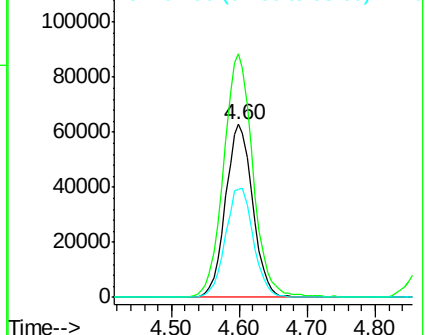
96 100

61 152.0 0.0 330.2

98 64.9 0.0 130.2



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: 49.57 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

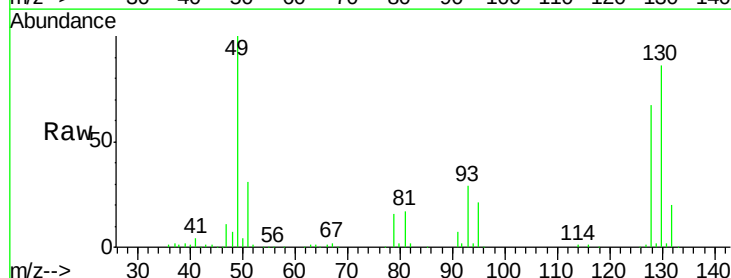
Tgt Ion: 49 Resp: 141766

Ion Ratio Lower Upper

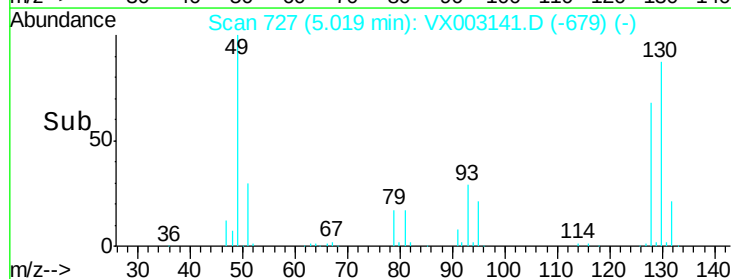
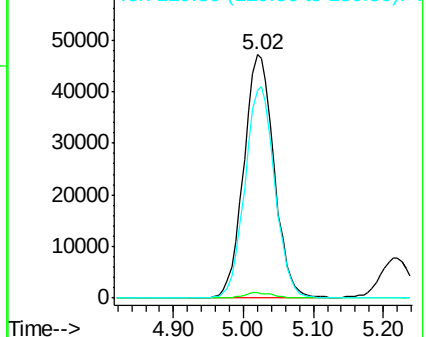
49 100

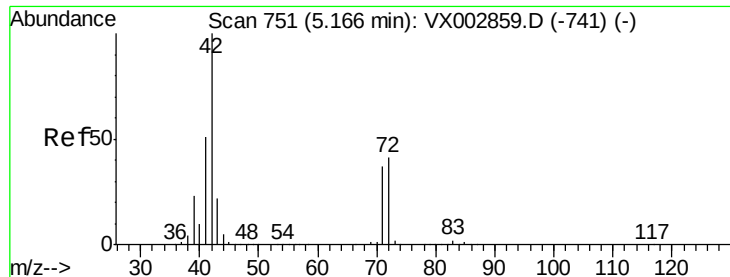
129 2.3 0.0 4.2

130 85.8 61.2 91.8



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: 227.36 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

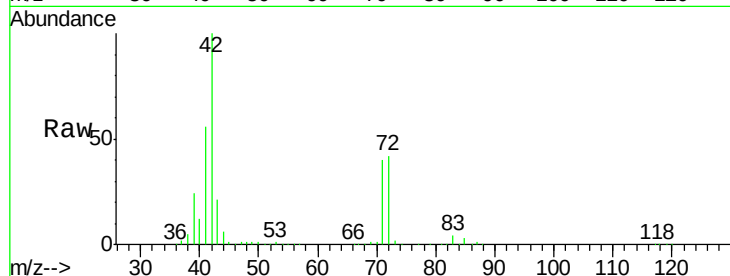
Tot Ion: 42 Resp: 366385

Ion Ratio Lower Upper

42 100

72 42.4 32.0 48.0

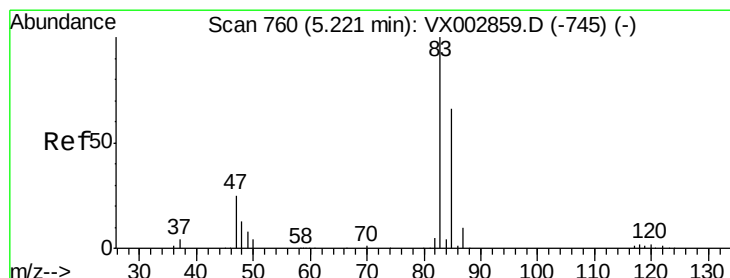
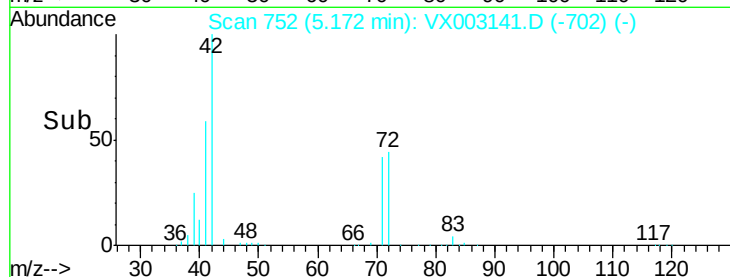
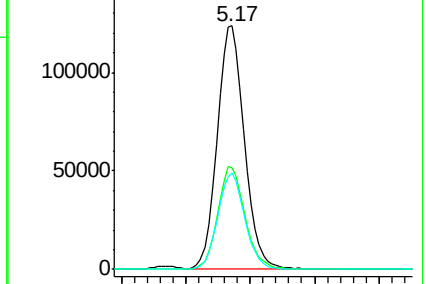
71 39.5 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.55 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003141.D

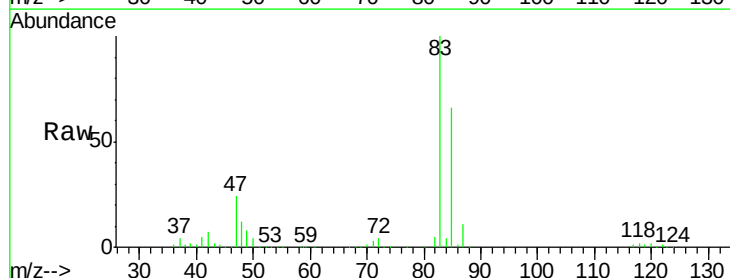
Acq: 03 Jul 2018 10:20

Tgt Ion: 83 Resp: 291567

Ion Ratio Lower Upper

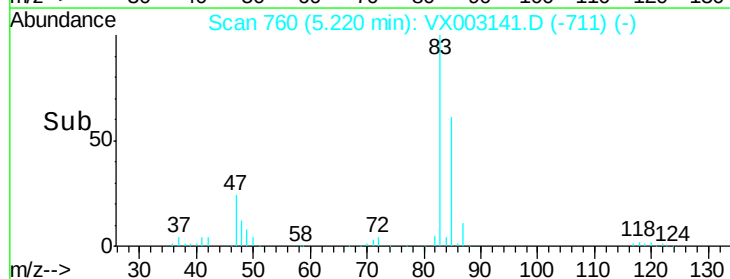
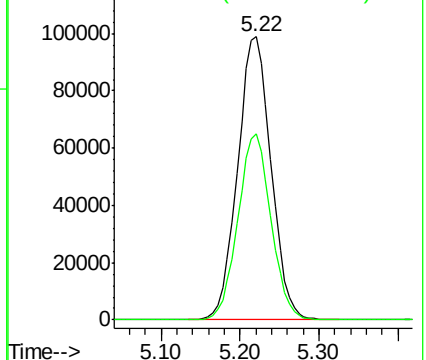
83 100

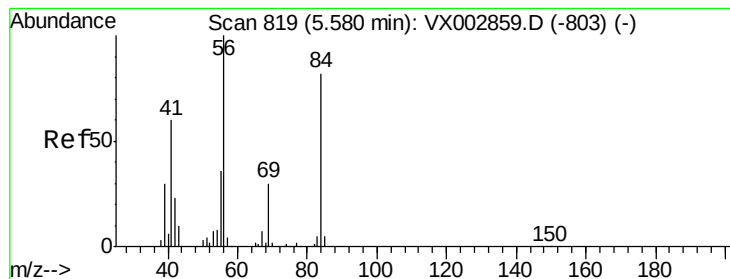
85 66.0 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.34 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampled :

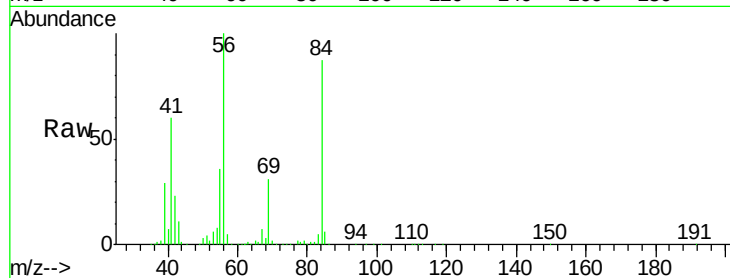
Tot Ion: 56 Resp: 252983

Ion Ratio Lower Upper

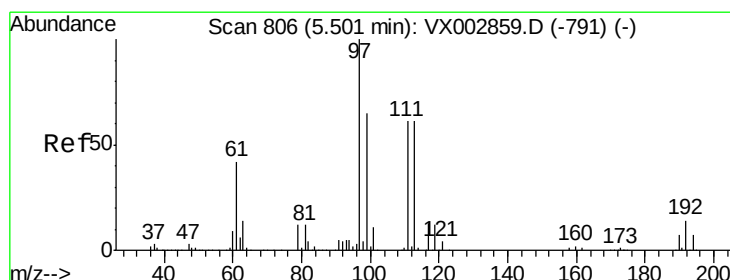
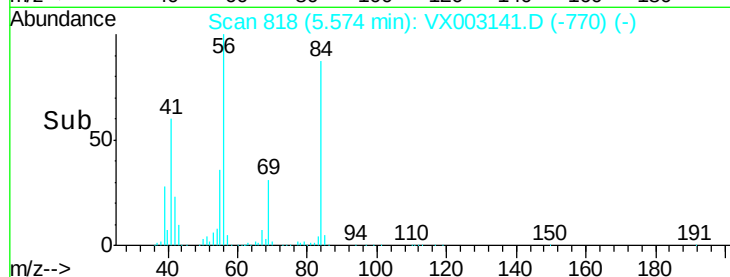
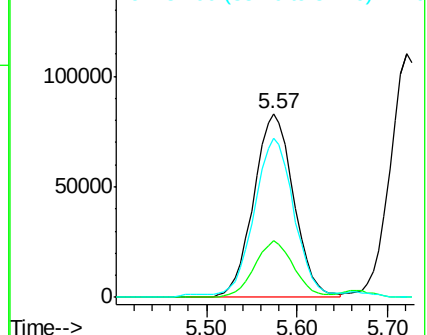
56 100

69 30.9 23.7 35.5

84 85.3 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 48.50 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

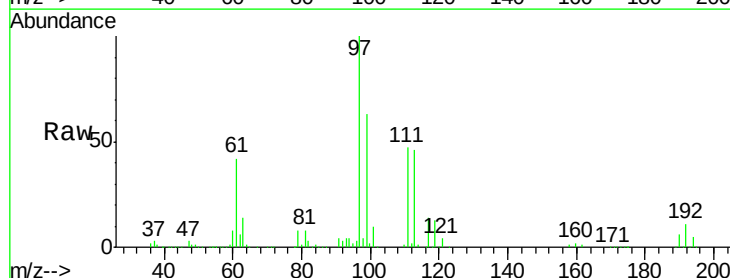
Tgt Ion: 97 Resp: 261626

Ion Ratio Lower Upper

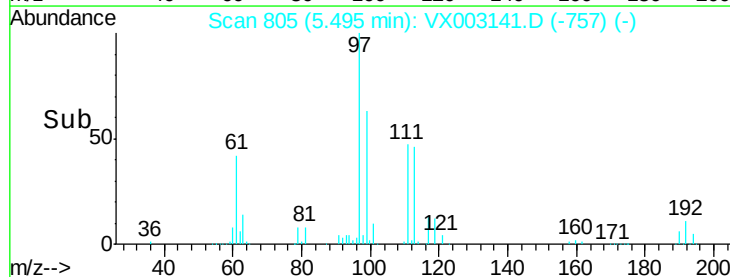
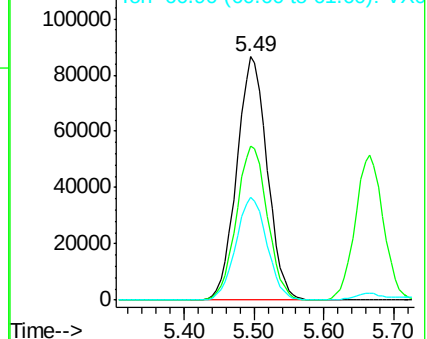
97 100

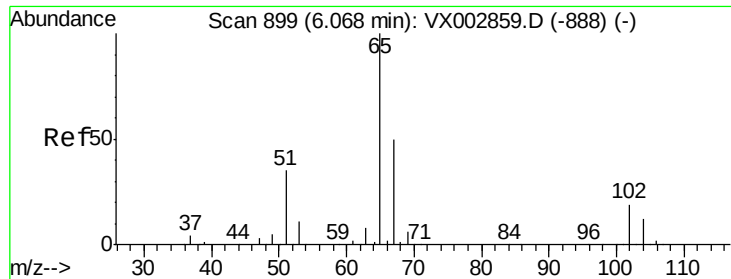
99 64.5 51.6 77.4

61 43.2 36.4 54.6



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

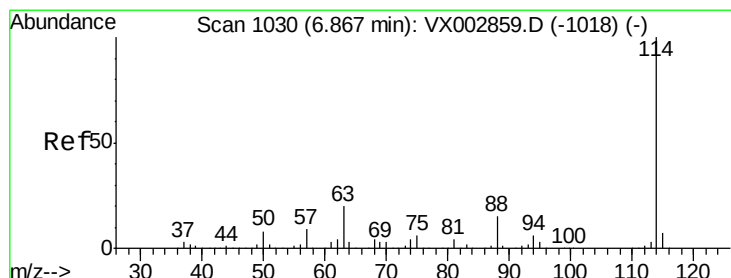
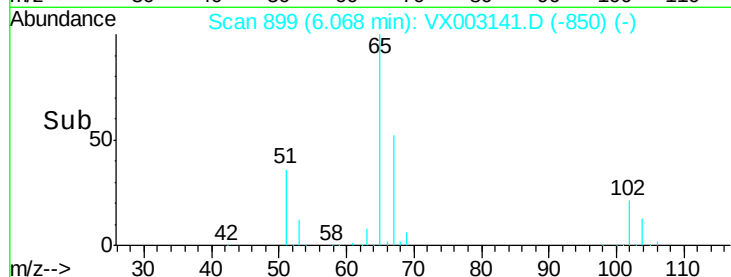
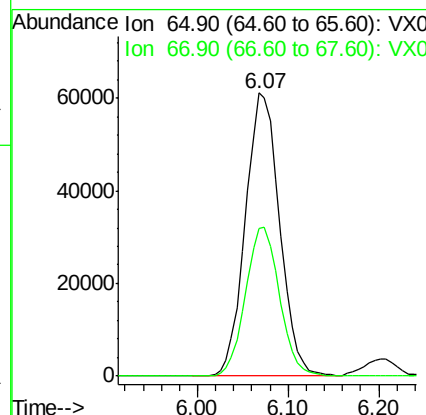
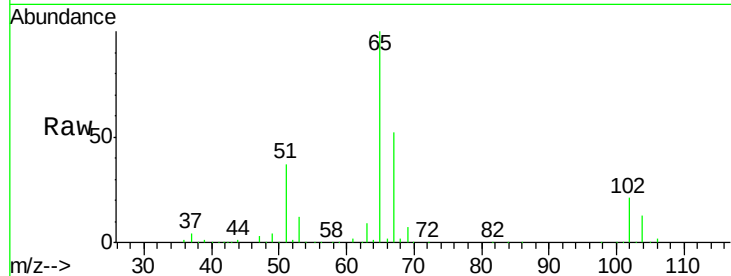




#33
 1,2-Dichloroethane-d4
 Concen: 39.11 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

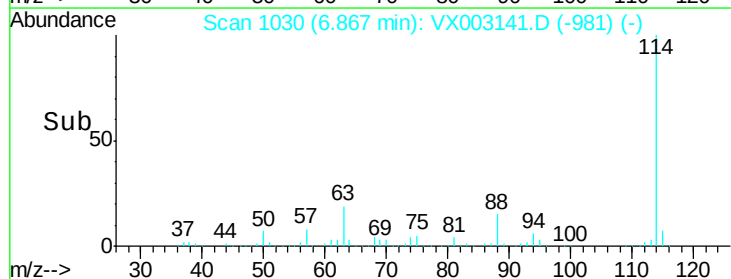
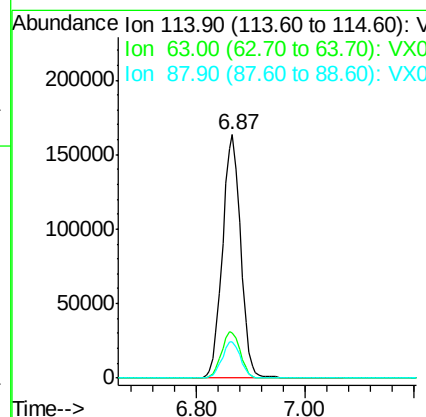
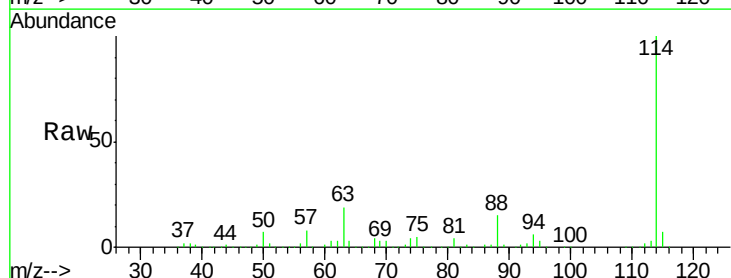
Instrument :
 MSVOA_X
 ClientSampleId :

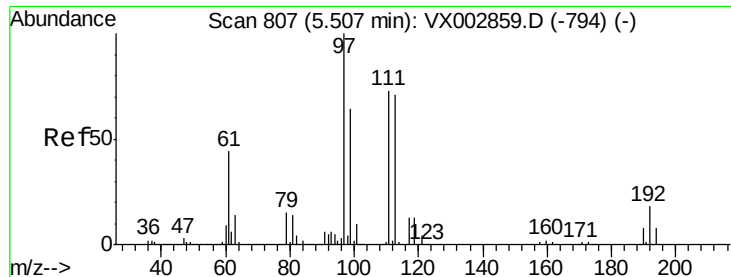
Tot Ion: 65 Resp: 159909
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 114 Resp: 379869
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 14.9 0.0 30.0

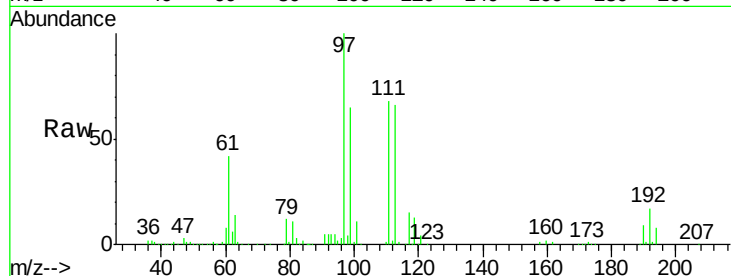




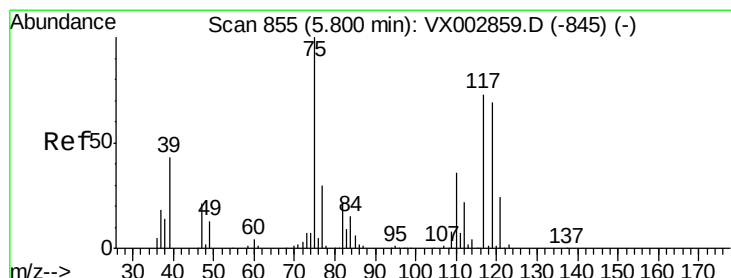
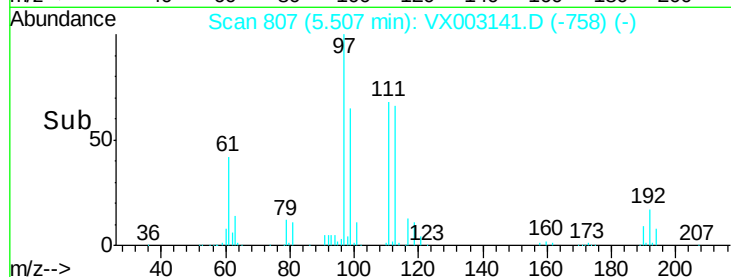
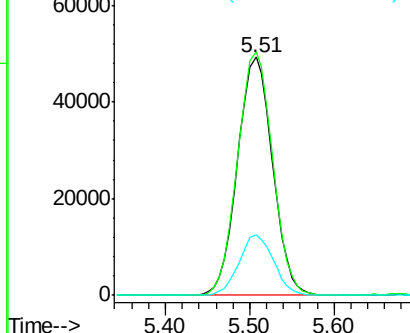
#35
 Dibromofluoromethane
 Concen: 46.15 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 138825
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 25.1 19.1 28.7

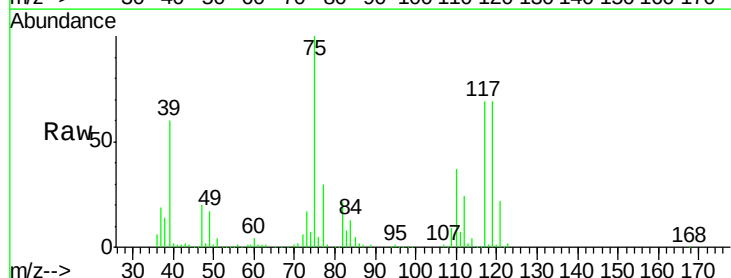


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

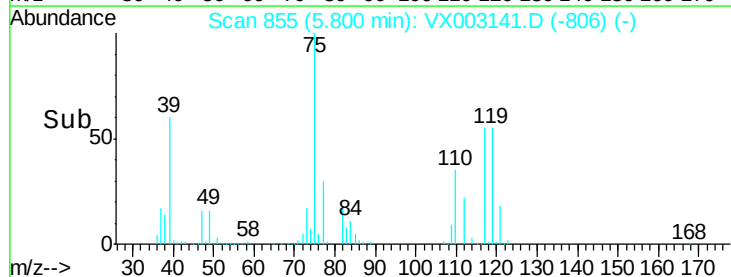
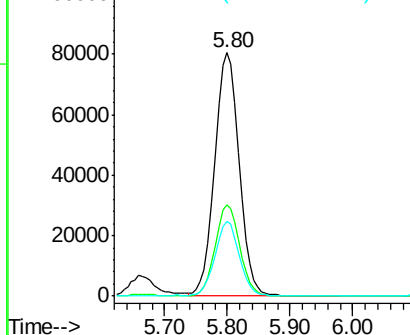


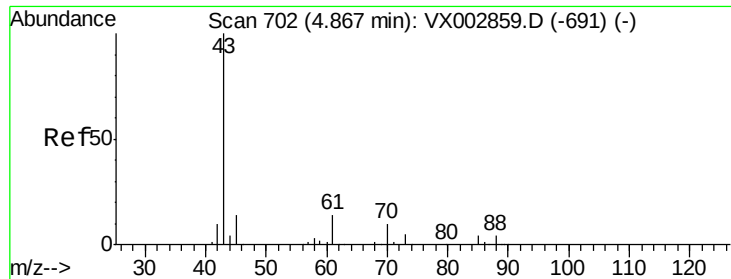
#36
 1,1-Dichloropropene
 Concen: 52.18 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 75 Resp: 217368
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.1 54.4
 77 30.2 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.06 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

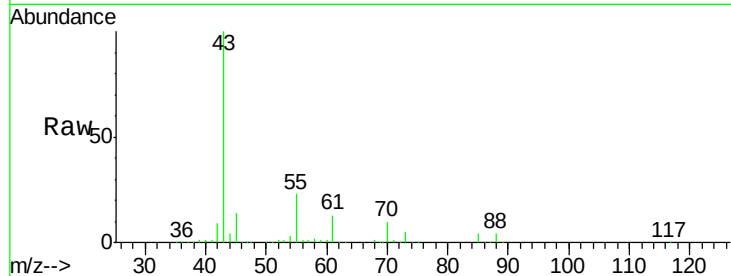
Tot Ion: 43 Resp: 224514

Ion Ratio Lower Upper

43 100

61 13.4 10.4 15.6

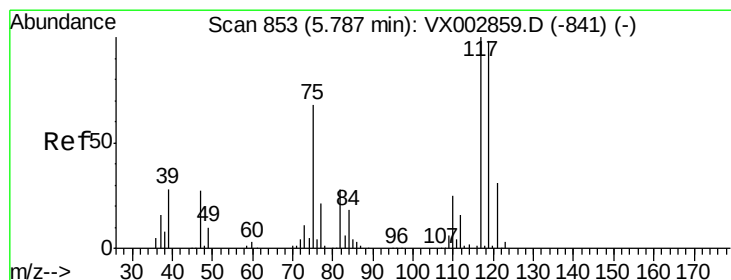
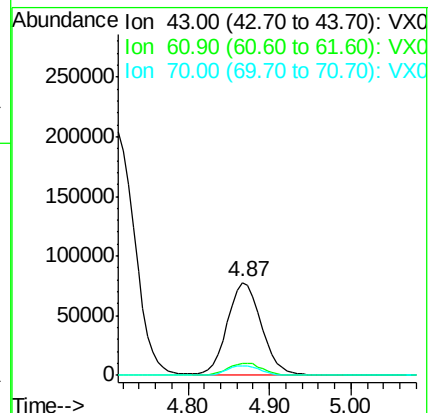
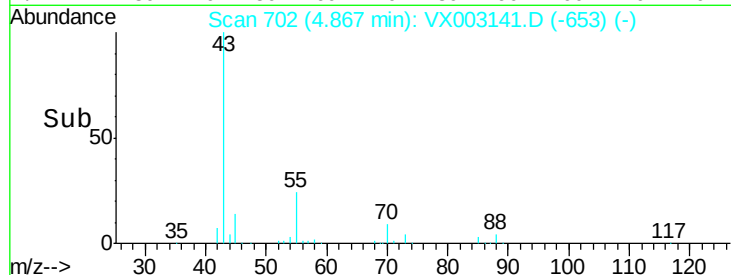
70 10.3 7.6 11.4



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: 52.19 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

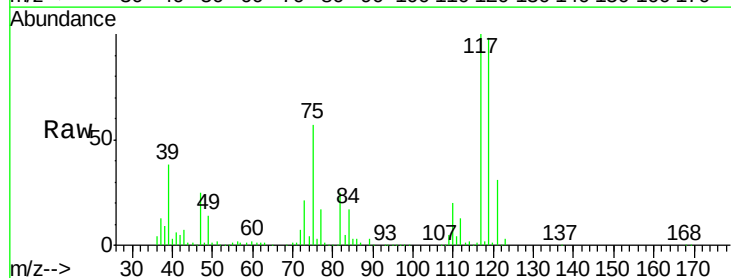
Tgt Ion: 117 Resp: 238579

Ion Ratio Lower Upper

117 100

119 98.3 77.4 116.0

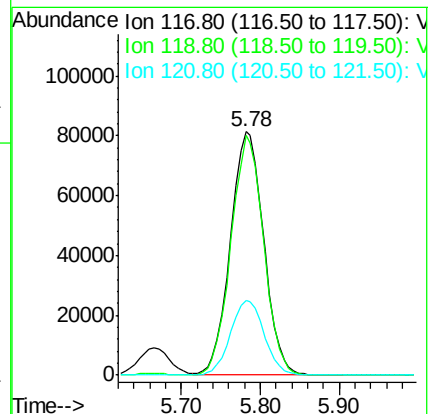
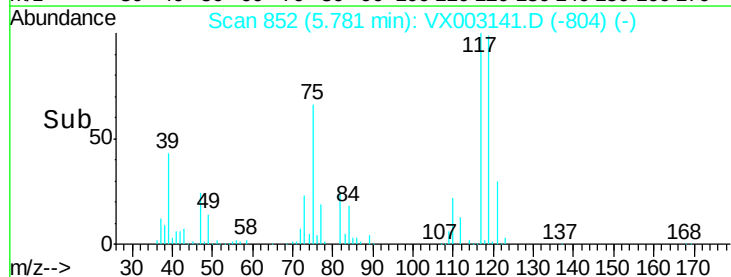
121 30.7 24.4 36.6

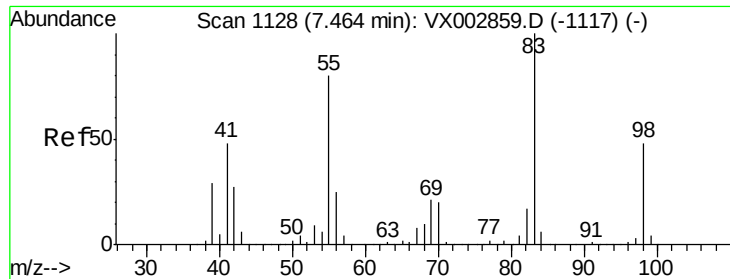


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

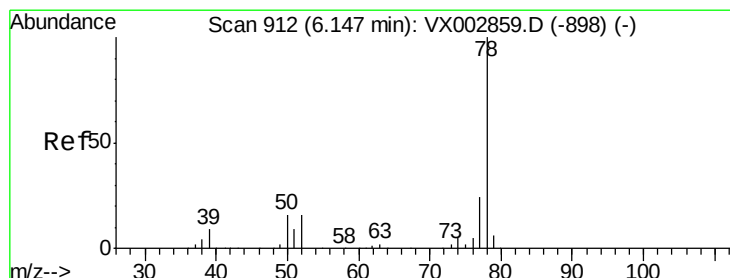
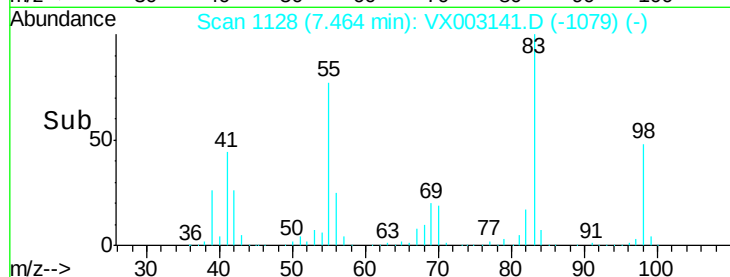
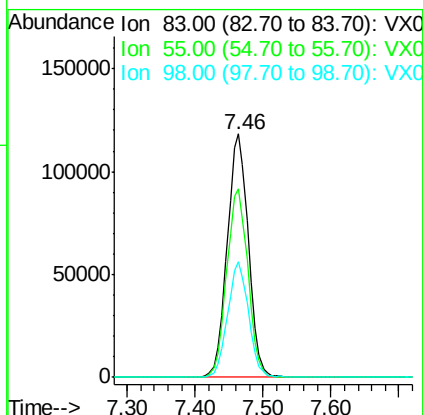
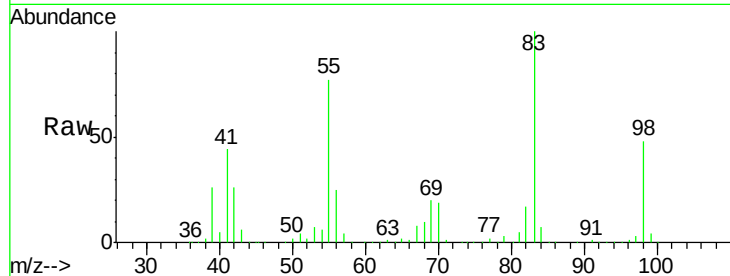




#39
Methylvlcyclohexane
Concen: 52.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

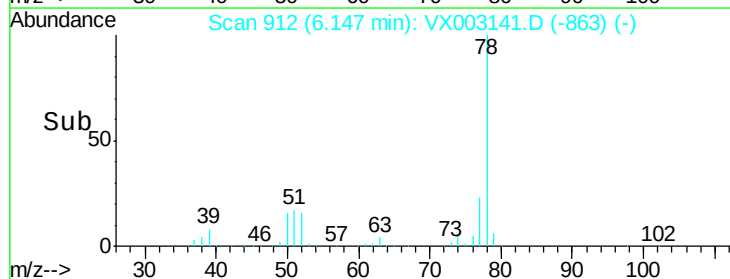
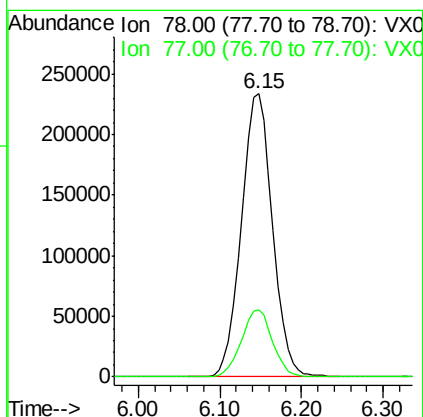
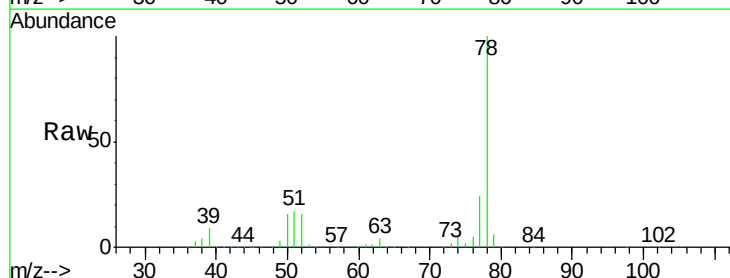
Instrument :
MSVOA_X
ClientSampleId :

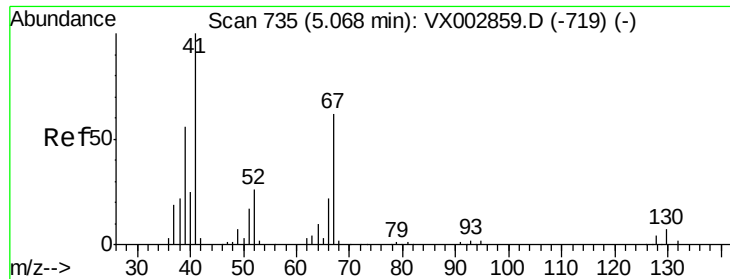
Tot Ion: 83 Resp: 254200
Ion Ratio Lower Upper
83 100
55 77.3 65.4 98.0
98 47.6 37.4 56.0



#40
Benzene
Concen: 51.11 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion: 78 Resp: 618586
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

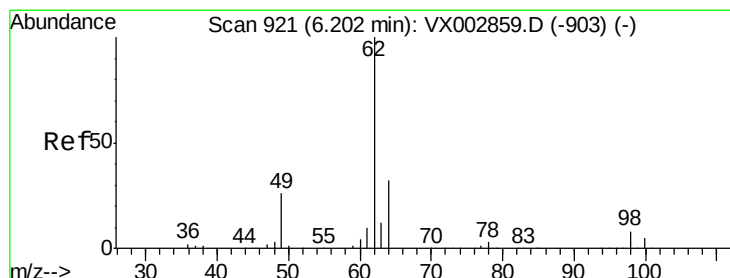
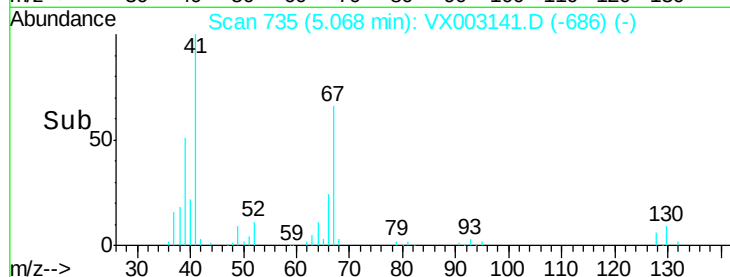
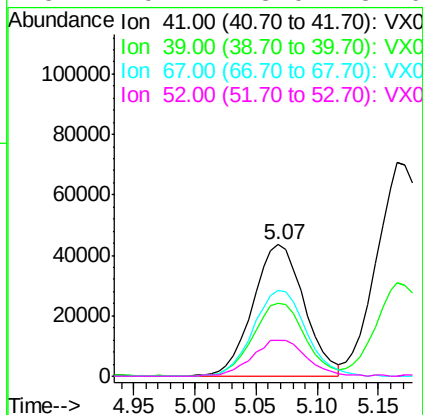
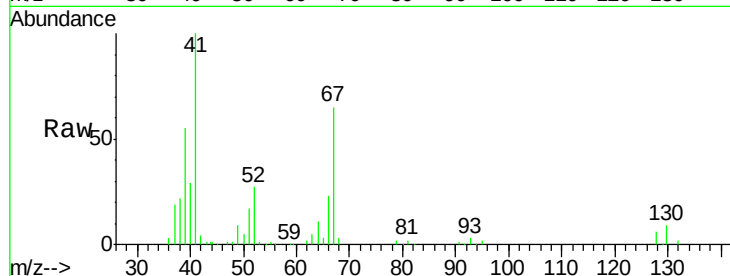




#41
Methacrylonitrile
Concen: 49.20 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

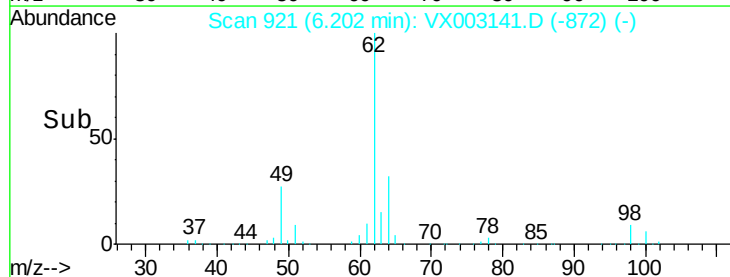
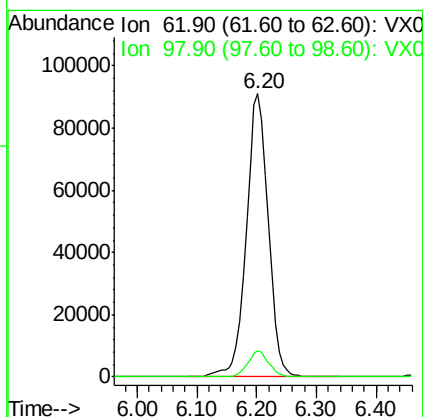
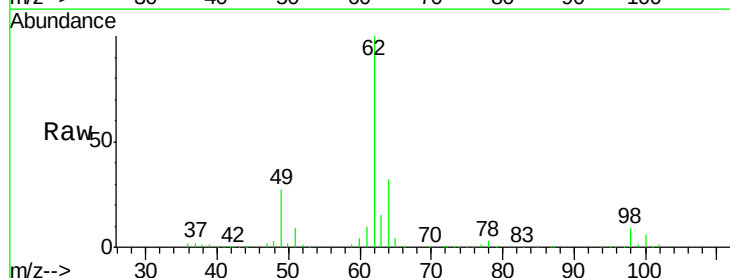
Instrument :
MSVOA_X
ClientSampled :

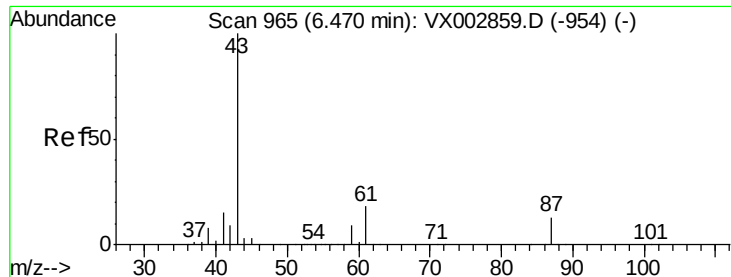
Tot Ion:	41	Resp:	127069
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	67.2	51.3	76.9
52	29.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.73 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion:	62	Resp:	233384
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 48.54 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

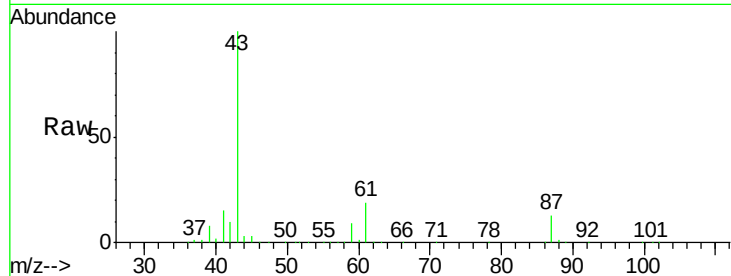
Tot Ion: 43 Resp: 365166

Ion Ratio Lower Upper

43 100

61 19.2 14.4 21.6

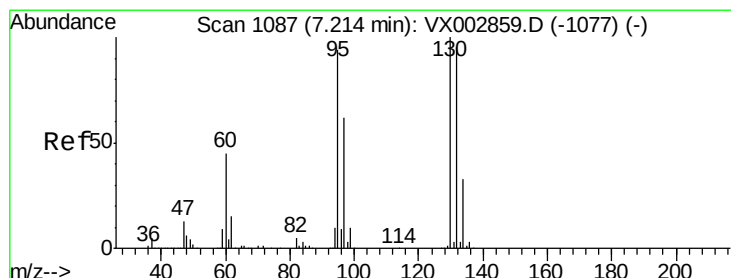
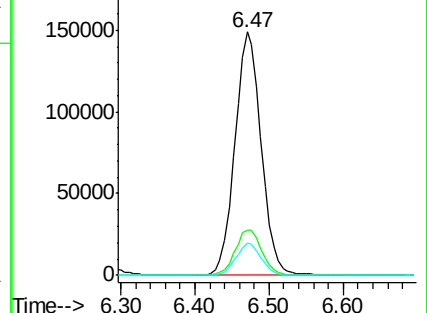
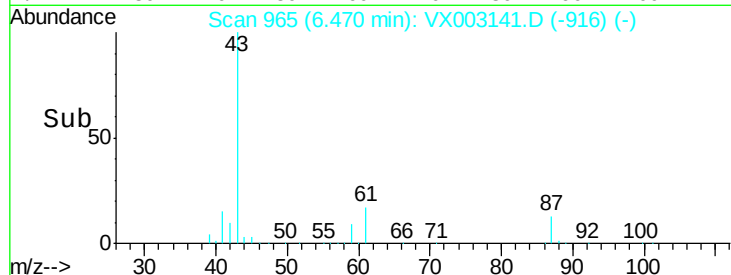
87 12.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX003141.D (-916) (-)

Ion 61.00 (60.70 to 61.70): VX003141.D (-916) (-)

Ion 87.00 (86.70 to 87.70): VX003141.D (-916) (-)



#44

Trichloroethene

Concen: 52.32 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003141.D

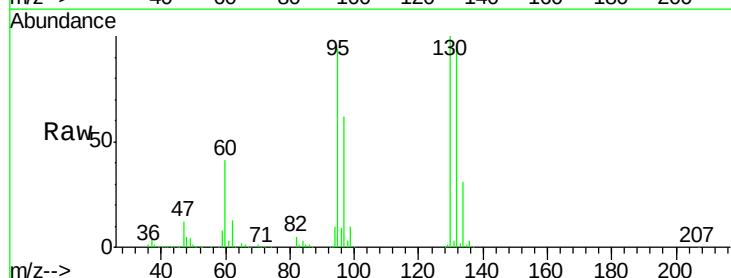
Acq: 03 Jul 2018 10:20

Tgt Ion: 130 Resp: 188809

Ion Ratio Lower Upper

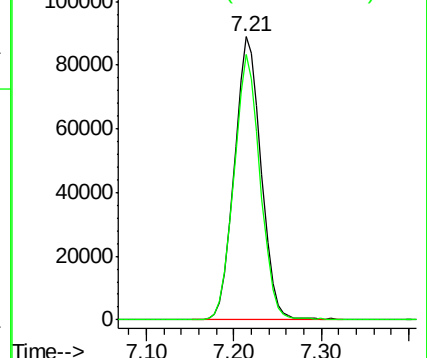
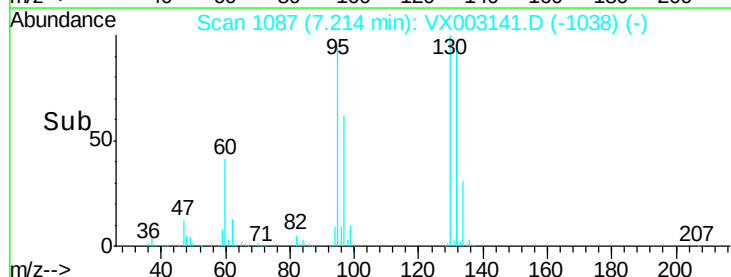
130 100

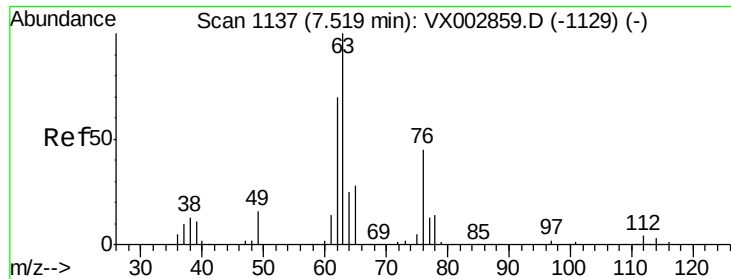
95 93.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX003141.D (-1038) (-)

Ion 94.90 (94.60 to 95.60): VX003141.D (-1038) (-)

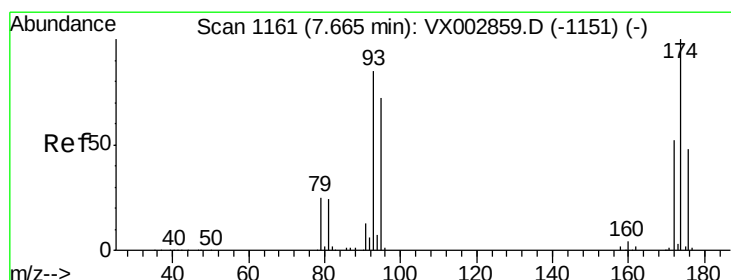
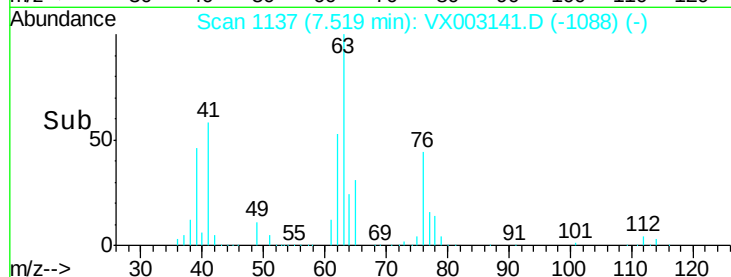
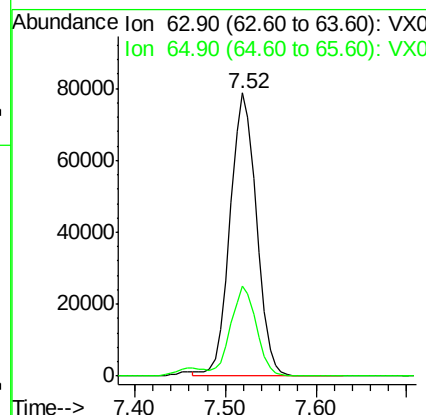
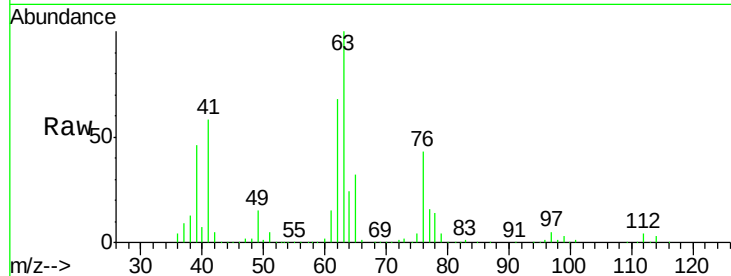




#45
 1,2-Dichloropropane
 Concen: 49.51 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

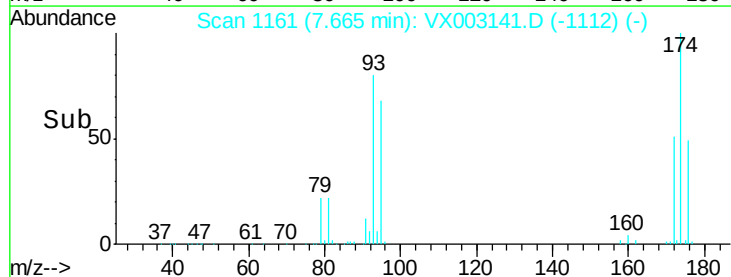
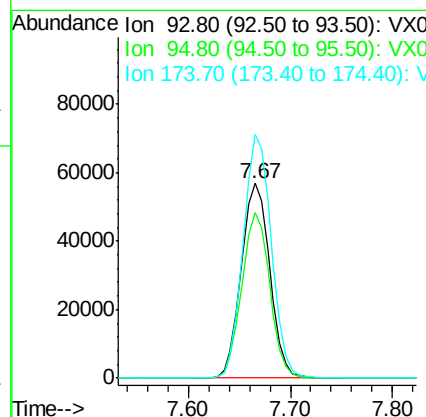
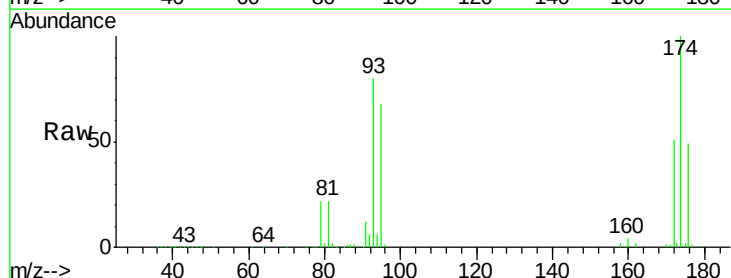
Instrument :
 MSVOA_X
 ClientSampled :

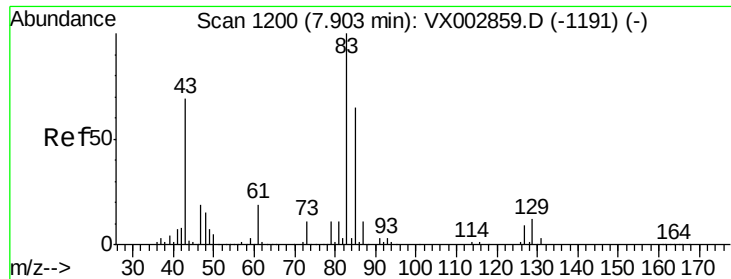
Tot Ion: 63 Resp: 158950
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1



#46
 Dibromomethane
 Concen: 49.61 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 93 Resp: 110551
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.9 98.9
 174 123.8 92.4 138.6





#47

Bromodichloromethane

Concen: 51.91 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

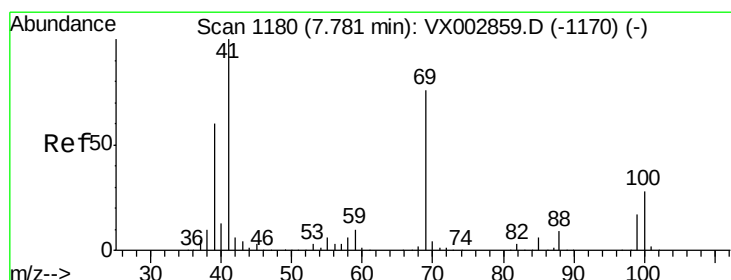
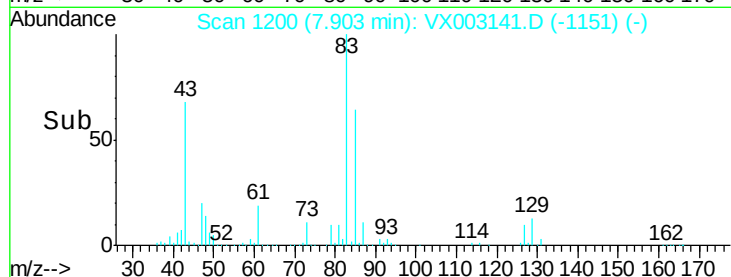
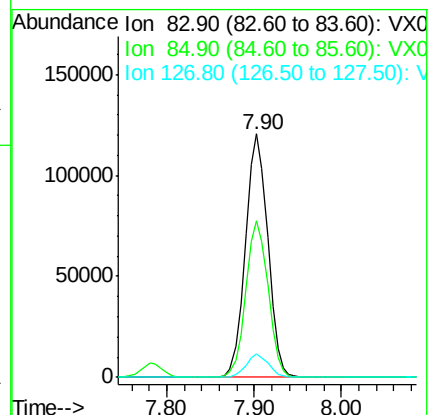
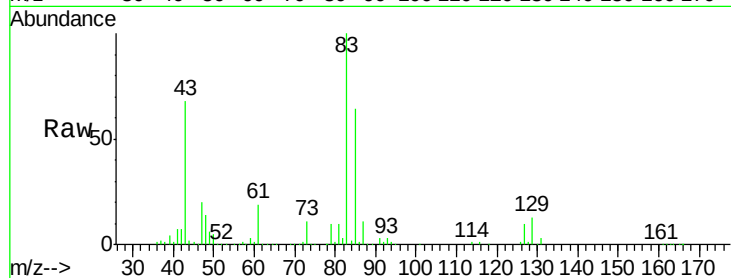
Tot Ion: 83 Resp: 213838

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

127 9.6 7.0 10.4



#48

Methyl methacrylate

Concen: 48.21 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

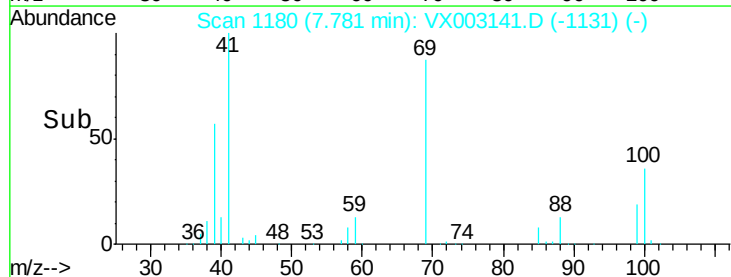
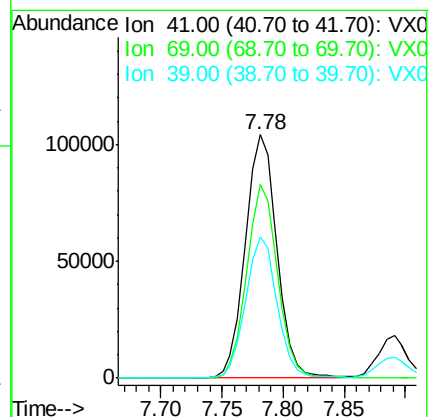
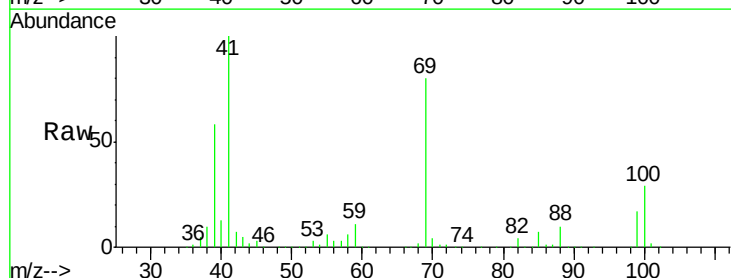
Tgt Ion: 41 Resp: 186872

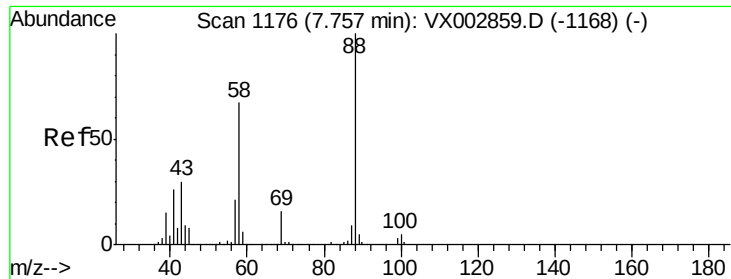
Ion Ratio Lower Upper

41 100

69 78.6 59.1 88.7

39 57.8 48.9 73.3

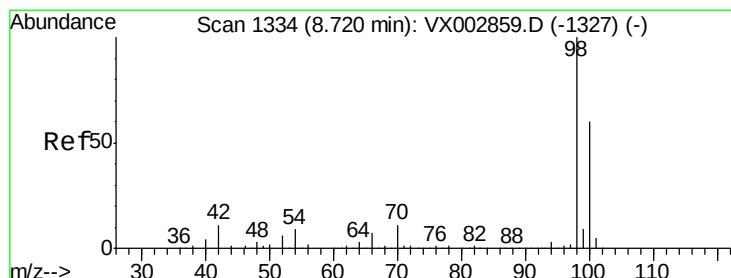
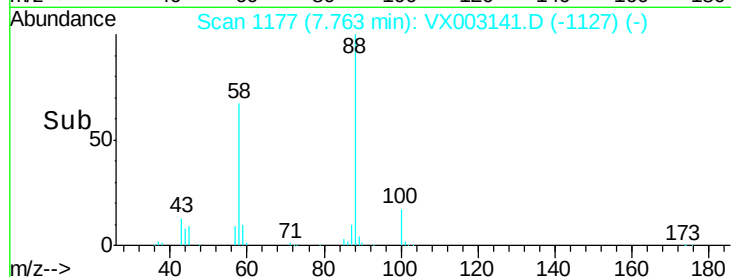
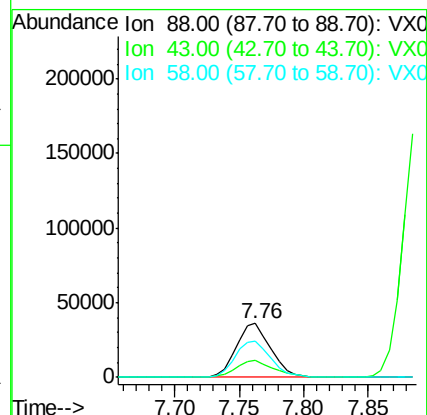
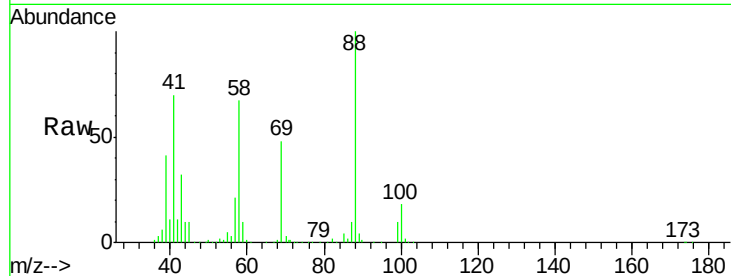




#49
1,4-Dioxane
Concen: 900.62 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

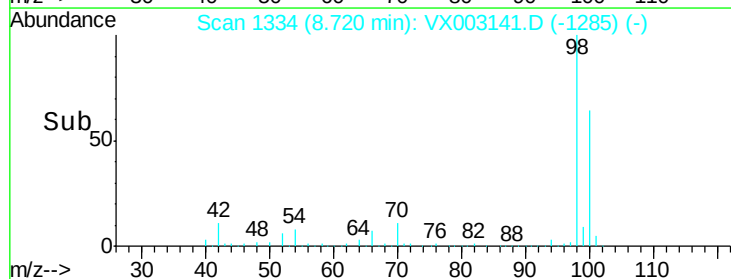
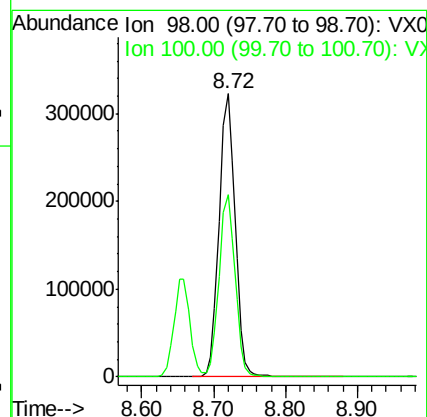
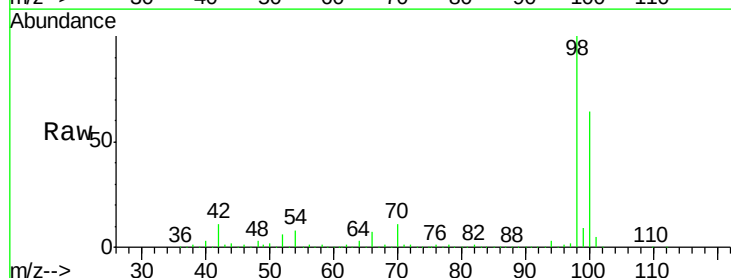
Instrument :
MSVOA_X
ClientSampleId :

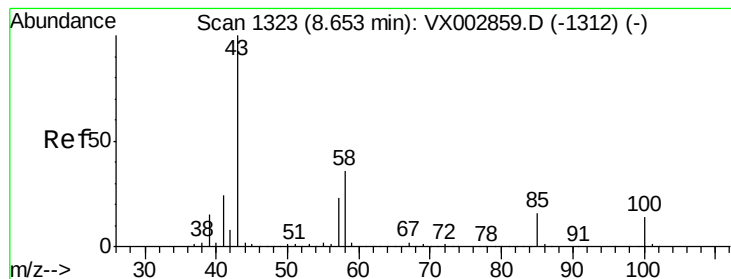
Tot Ion: 88 Resp: 67915
Ion Ratio Lower Upper
88 100
43 34.6 29.8 44.6
58 69.5 57.1 85.7



#50
Toluene-d8
Concen: 45.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion: 98 Resp: 499009
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 247.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

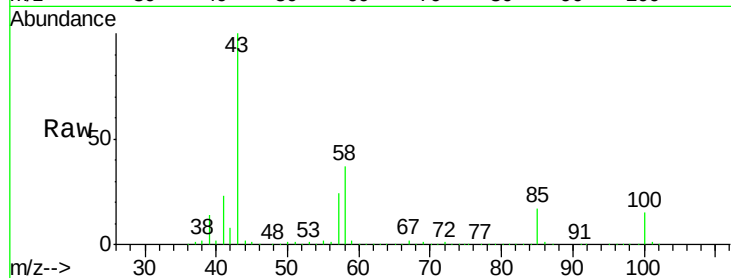
ClientSampleId :

Tot Ion: 43 Resp: 1166811

Ion Ratio Lower Upper

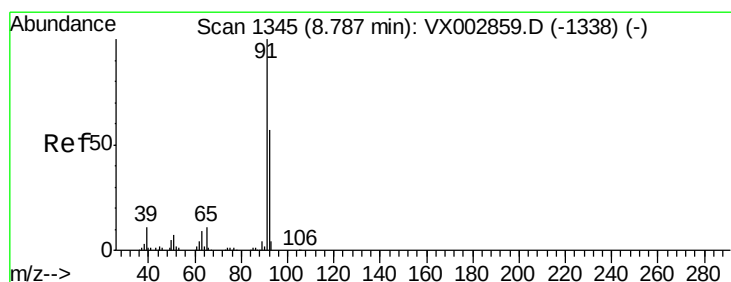
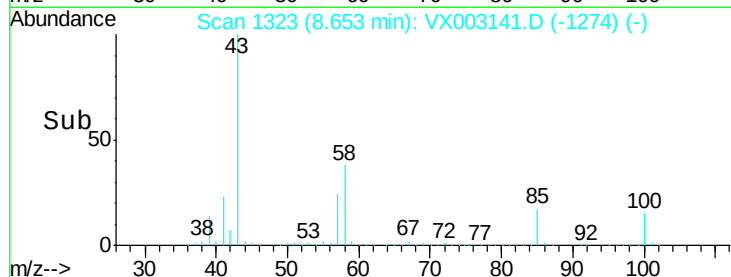
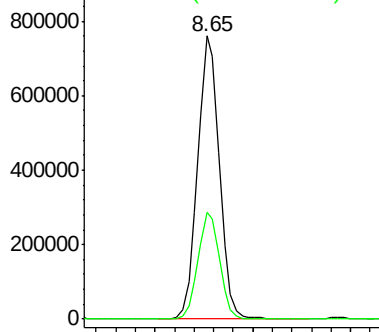
43 100

58 37.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.17 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003141.D

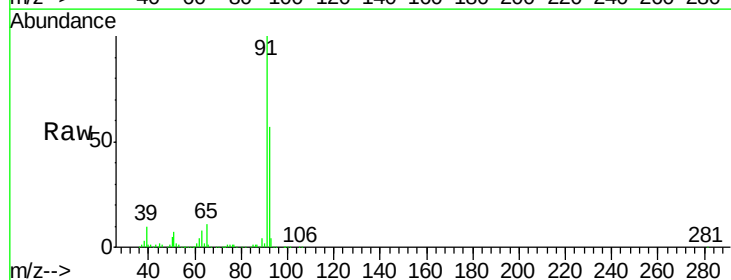
Acq: 03 Jul 2018 10:20

Tgt Ion: 92 Resp: 412253

Ion Ratio Lower Upper

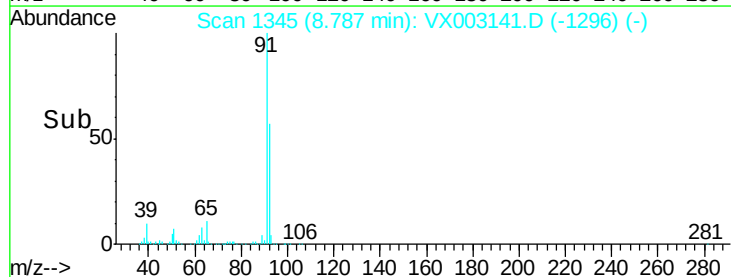
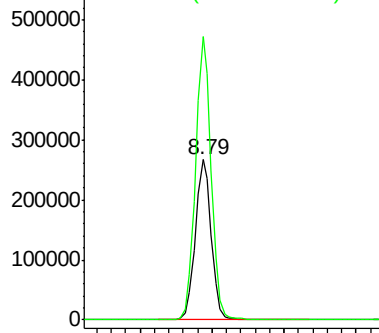
92 100

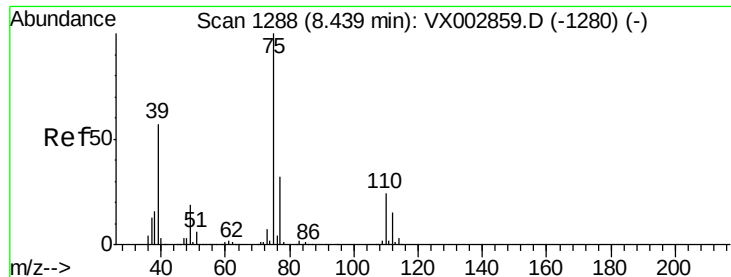
91 173.8 140.4 210.6



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: 55.37 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

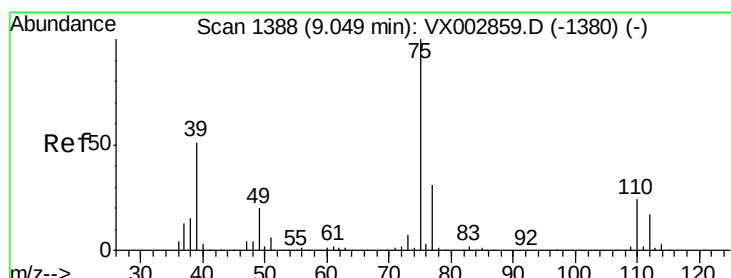
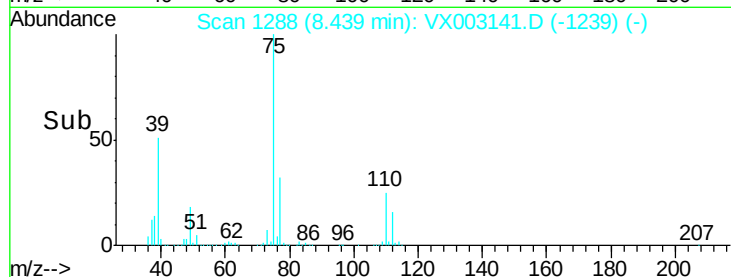
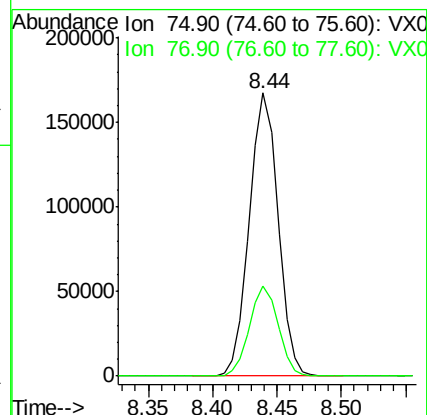
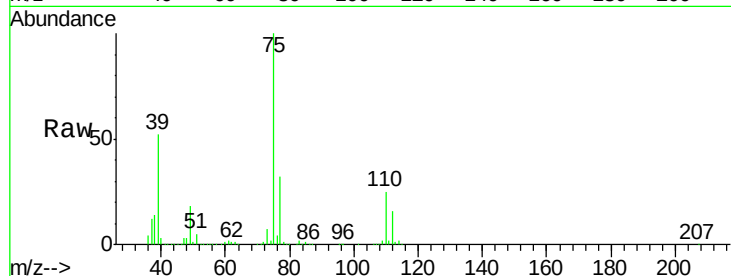
ClientSampleId :

Tot Ion: 75 Resp: 258294

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.87 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

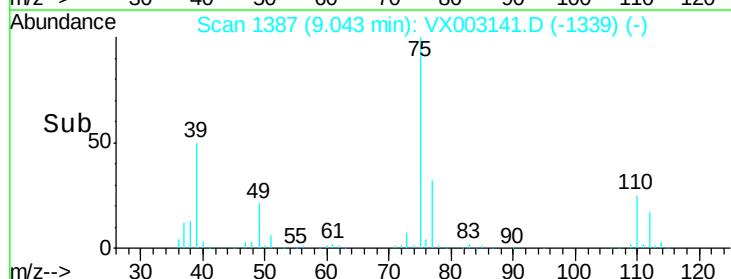
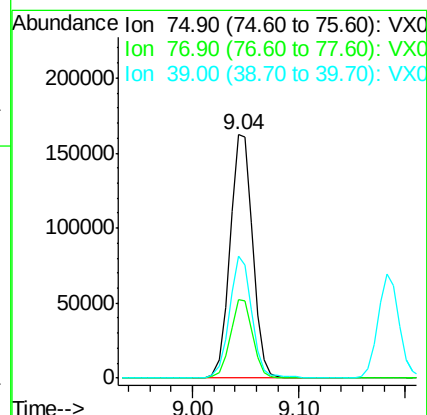
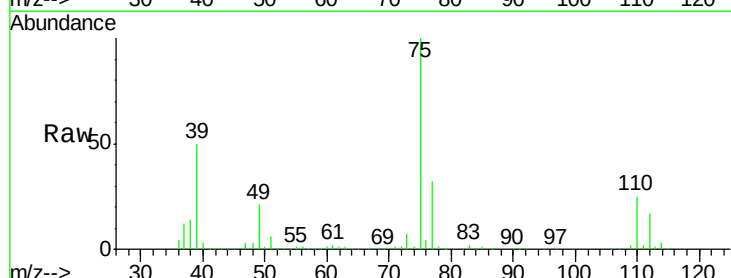
Tgt Ion: 75 Resp: 241808

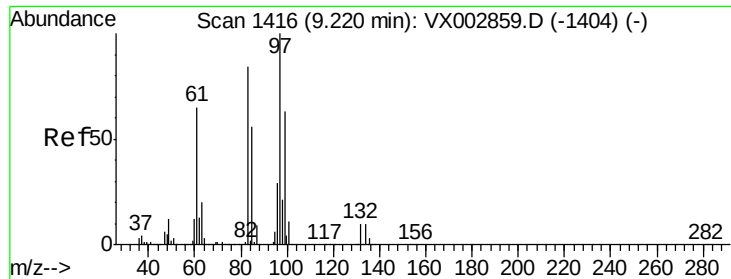
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 50.2 42.4 63.6

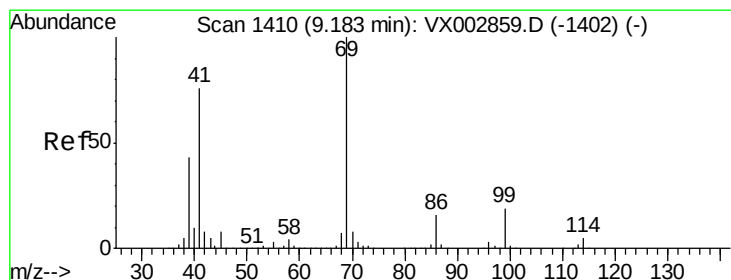
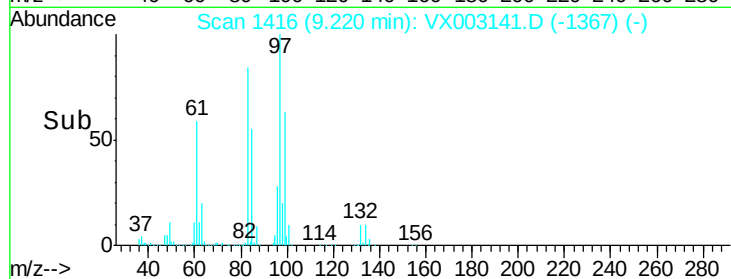
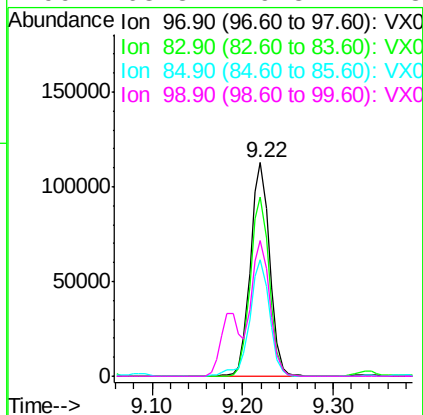
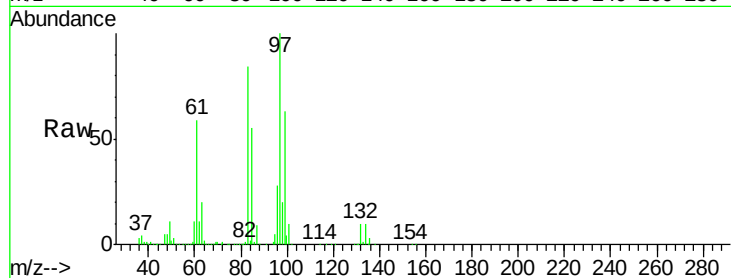




#55
 1,1,2-Trichloroethane
 Concen: 52.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

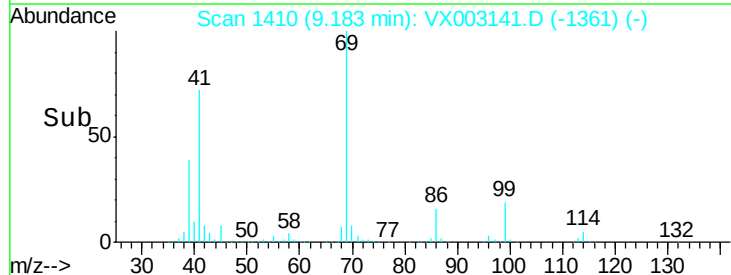
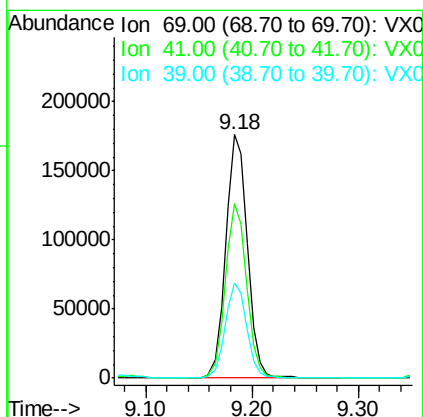
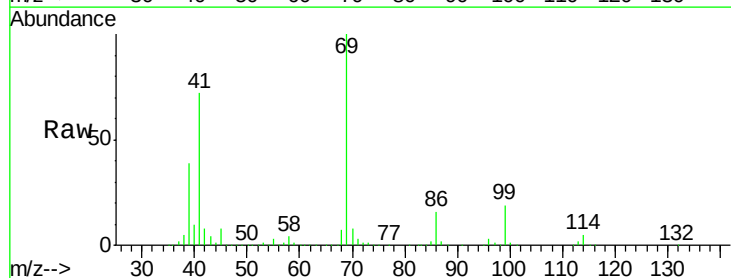
Instrument :
 MSVOA_X
 ClientSampleId :

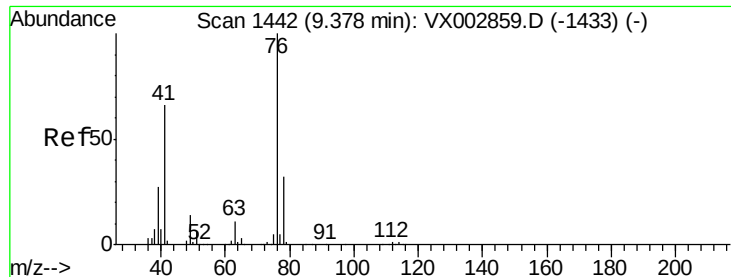
Tot Ion:	97	Resp:	165745
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.2
85	54.7	44.9	67.3
99	63.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 53.79 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion:	69	Resp:	250479
Ion	Ratio	Lower	Upper
69	100		
41	70.5	60.3	90.5
39	38.8	35.8	53.8

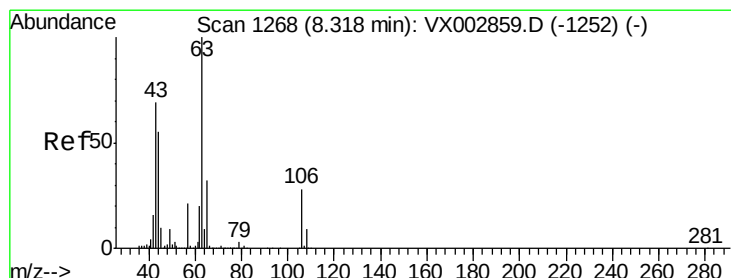
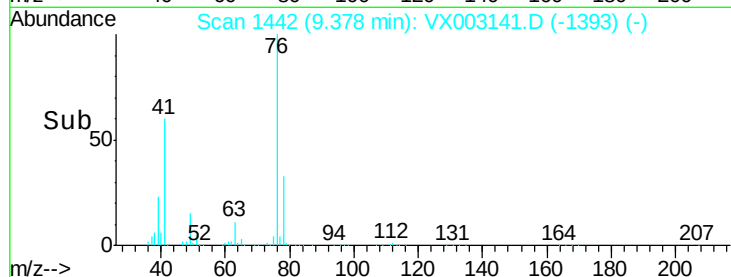
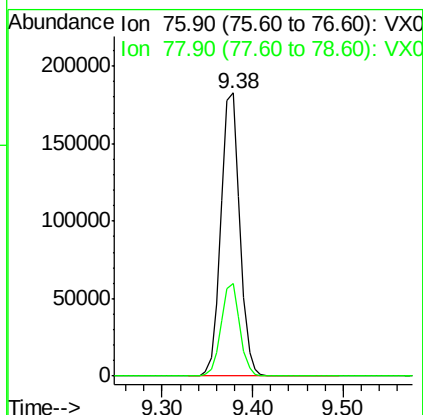
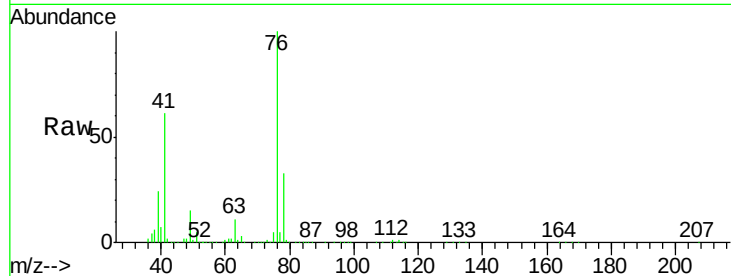




#57
 1,3-Dichloropropane
 Concen: 50.77 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

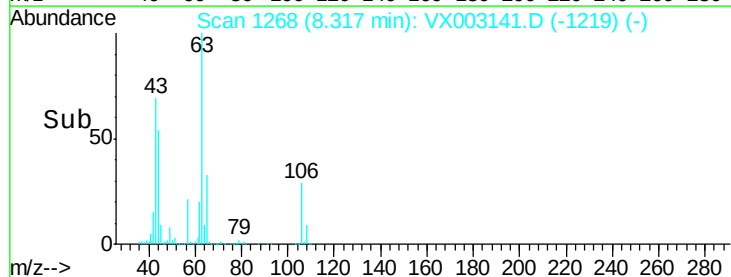
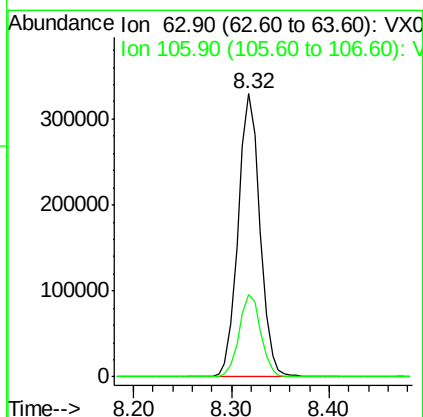
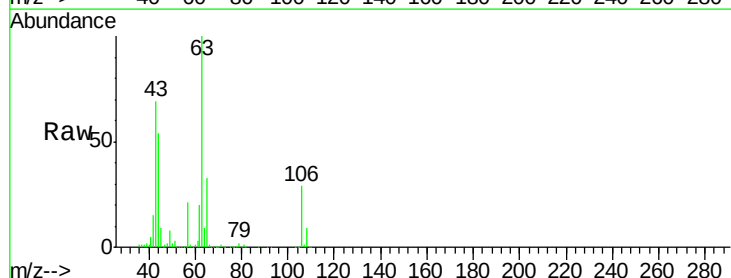
Instrument :
 MSVOA_X
 ClientSampled :

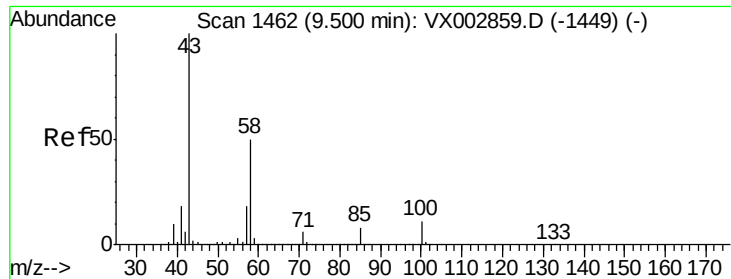
Tot Ion: 76 Resp: 265690
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.14 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 63 Resp: 510280
 Ion Ratio Lower Upper
 63 100
 106 29.1 21.8 32.8

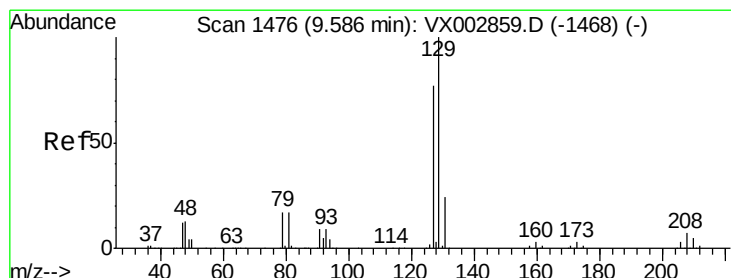
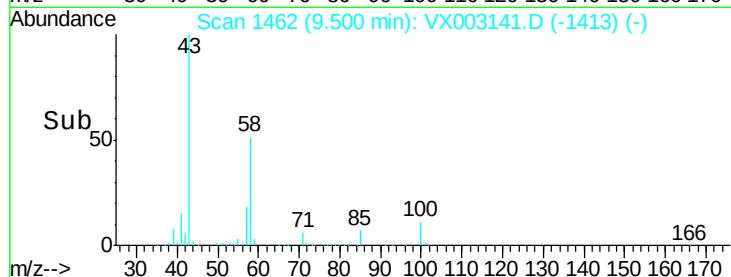
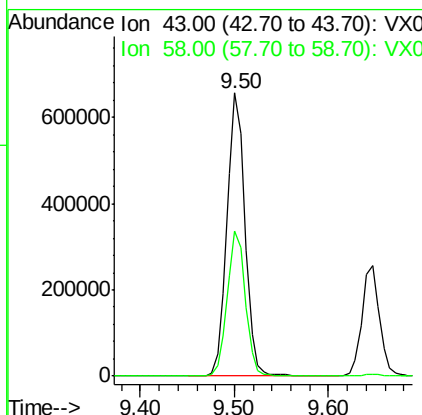
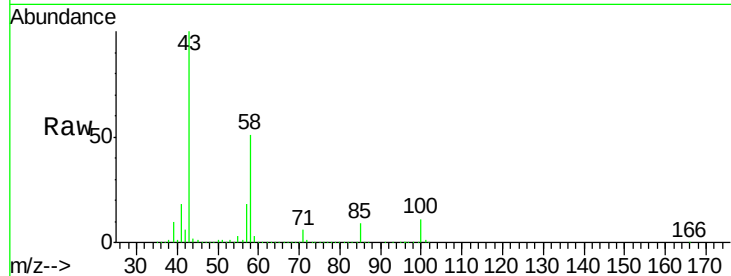




#59
2-Hexanone
Concen: 244.20 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

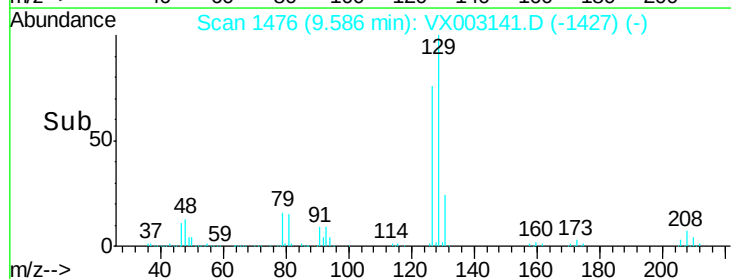
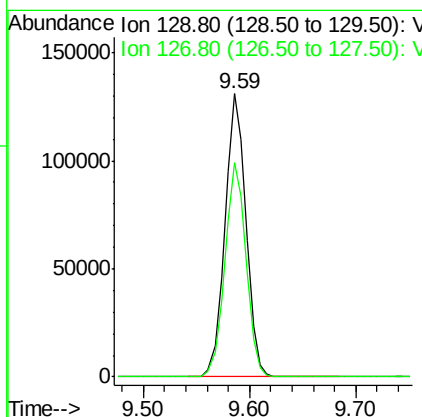
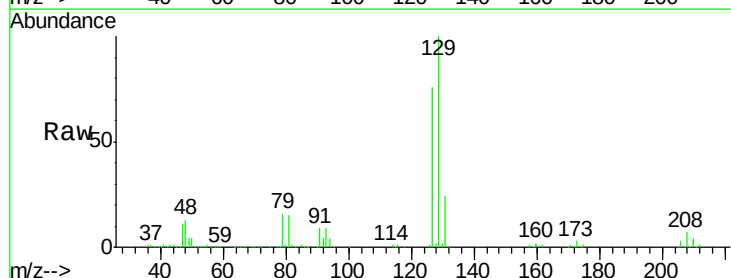
Instrument :
MSVOA_X
ClientSampleId :

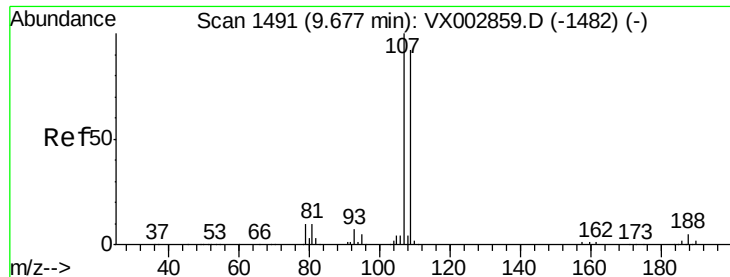
Tot Ion: 43 Resp: 873479
Ion Ratio Lower Upper
43 100
58 51.8 24.6 73.6



#60
Dibromochloromethane
Concen: 53.91 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion: 129 Resp: 180820
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.76 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

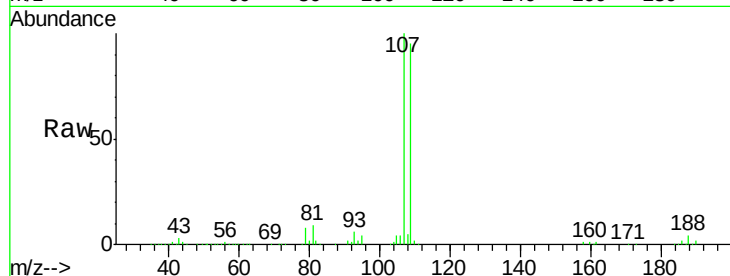
ClientSampled :

Tot Ion:107 Resp: 173001

Ion Ratio Lower Upper

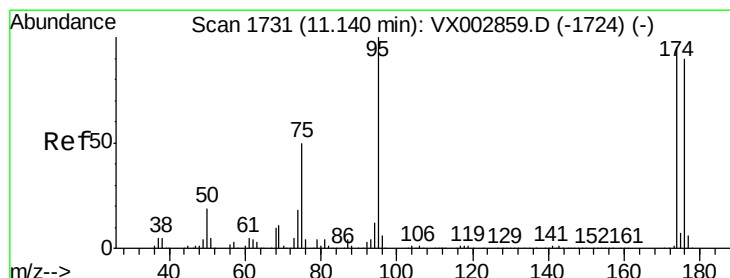
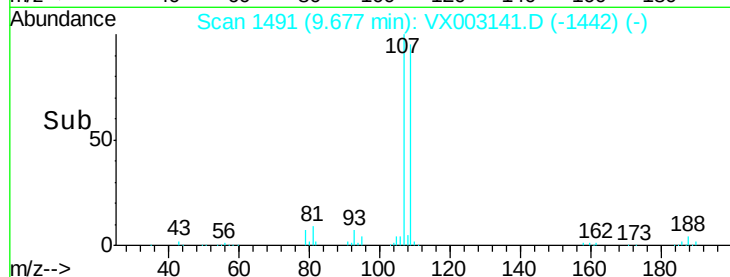
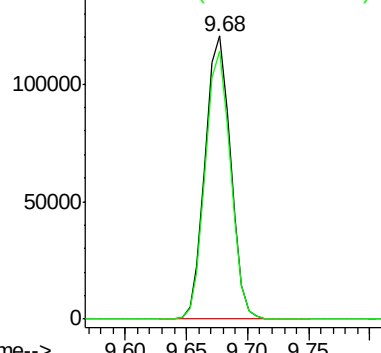
107 100

109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

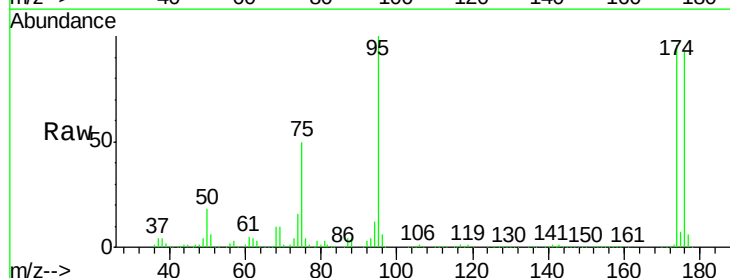
Tgt Ion: 95 Resp: 195965

Ion Ratio Lower Upper

95 100

174 100.0 0.0 187.4

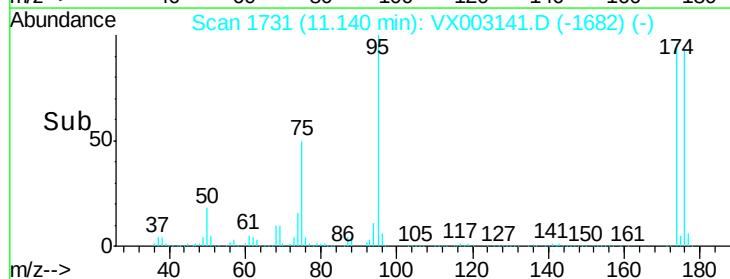
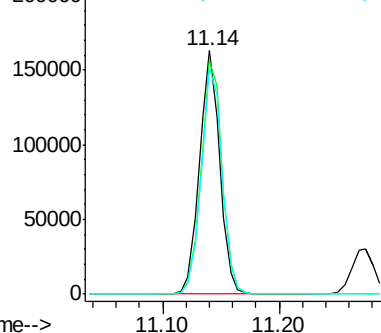
176 96.3 0.0 181.0

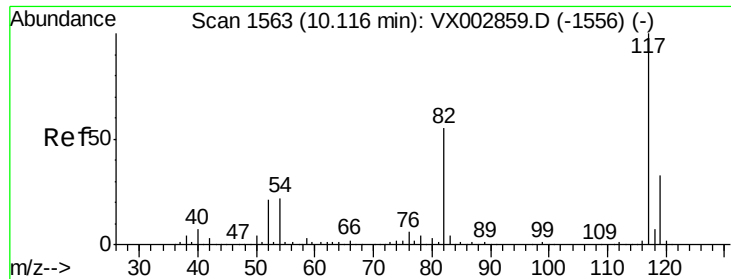


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

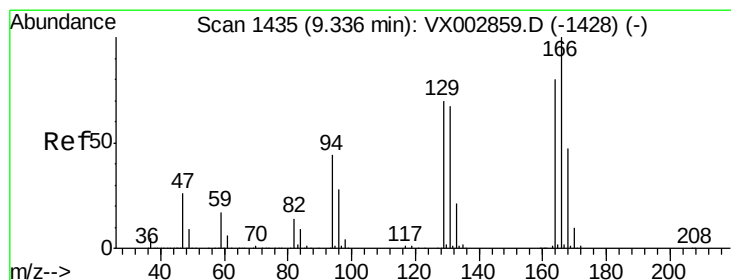
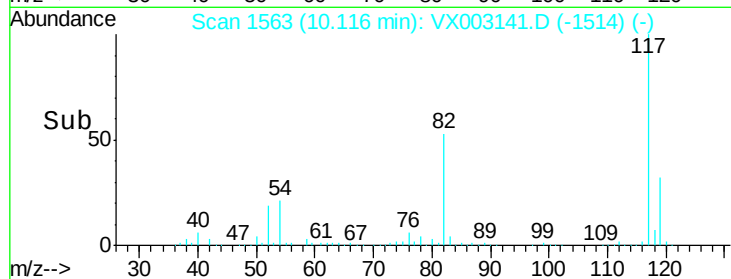
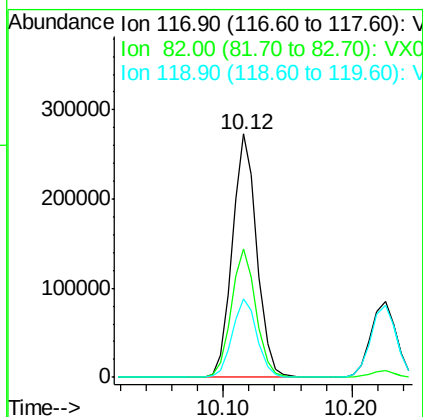
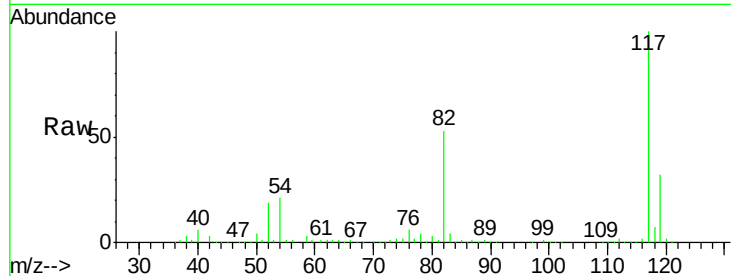




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

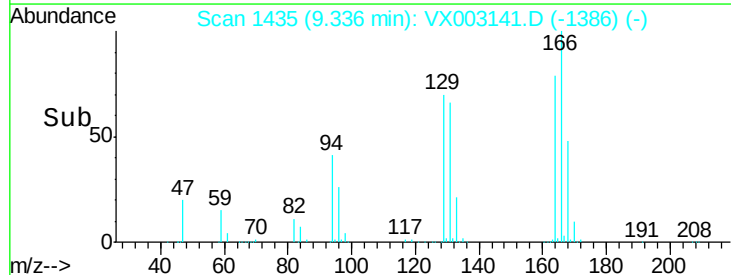
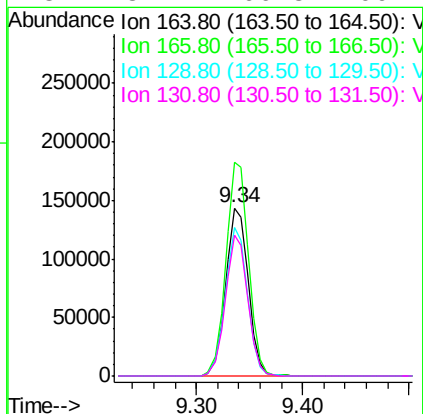
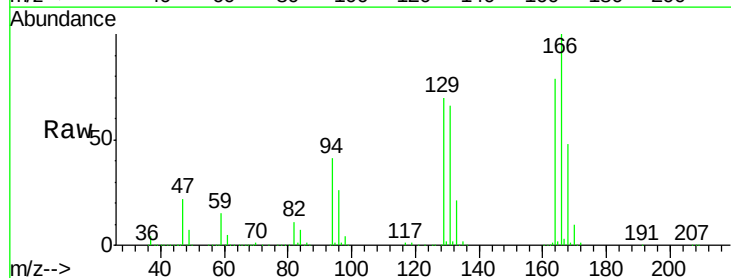
Instrument :
MSVOA_X
ClientSampleId :

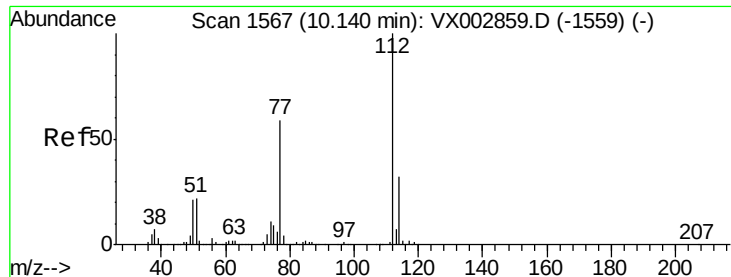
Tot Ion:117 Resp: 362749
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 52.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion:164 Resp: 212050
Ion Ratio Lower Upper
164 100
166 127.3 102.9 154.3
129 88.7 68.6 102.8
131 84.2 66.8 100.2

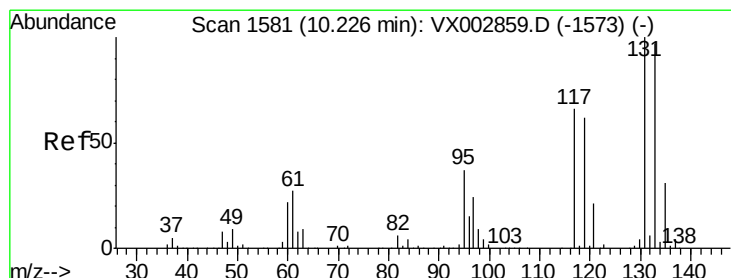
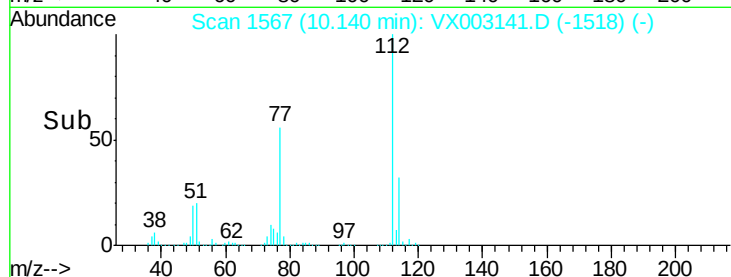
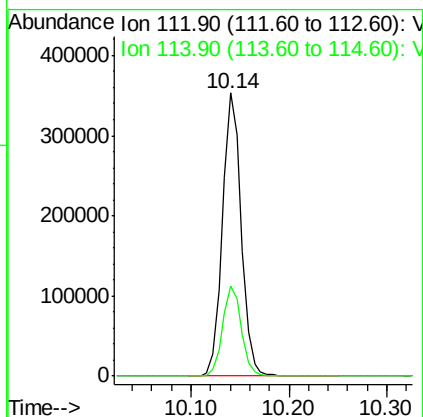
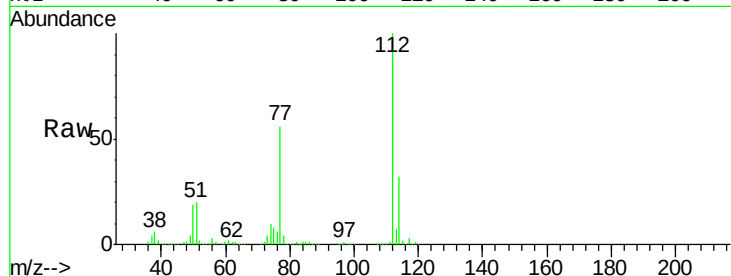




#65
Chlorobenzene
Concen: 50.84 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

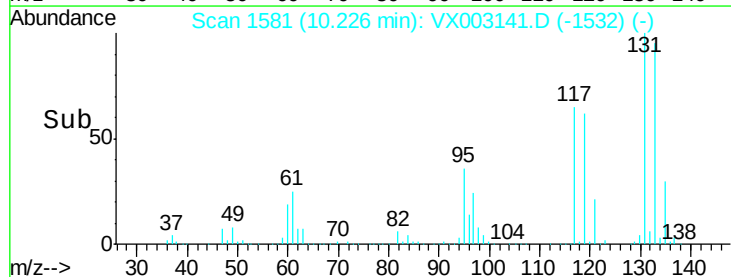
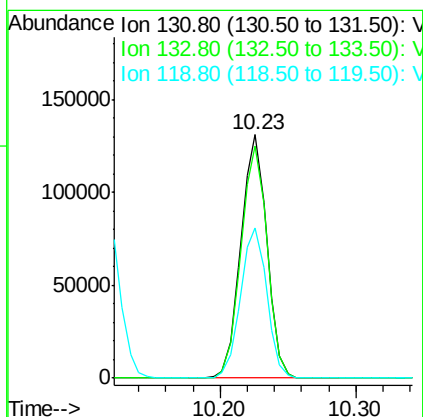
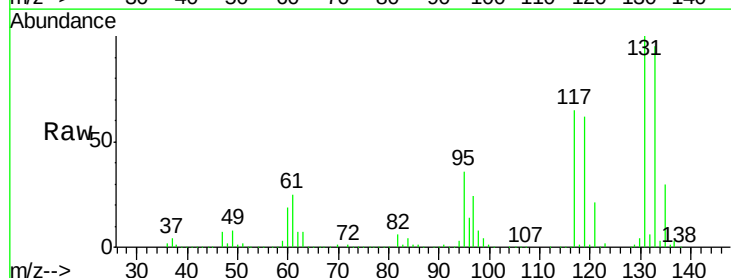
Instrument :
MSVOA_X
ClientSampleId :

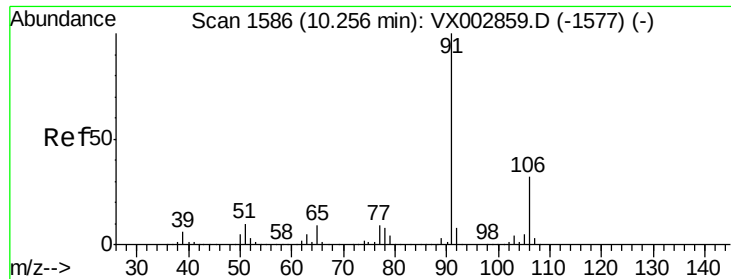
Tot Ion:112 Resp: 468462
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.11 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion:131 Resp: 174408
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 62.6 31.8 95.3

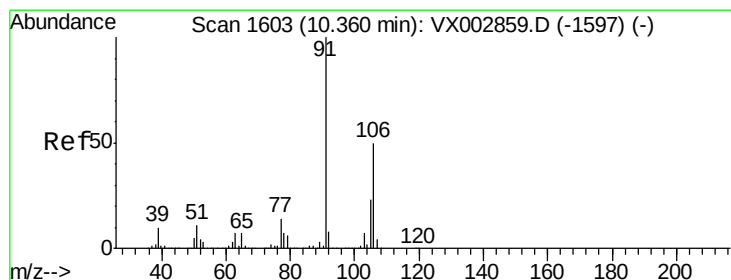
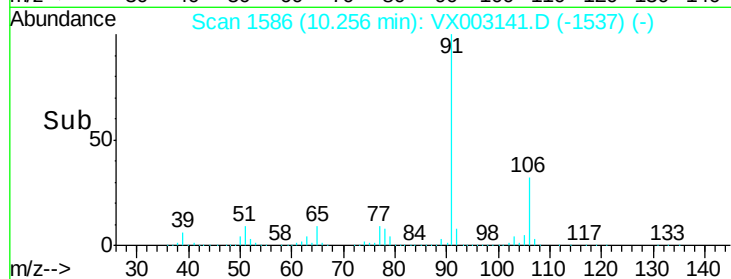
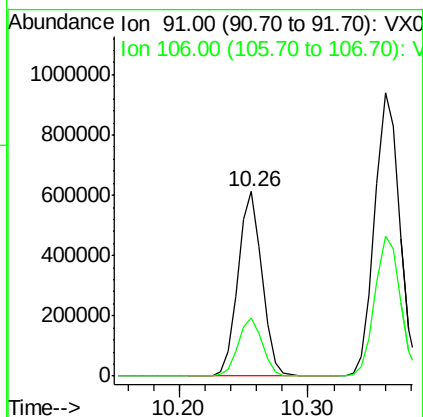
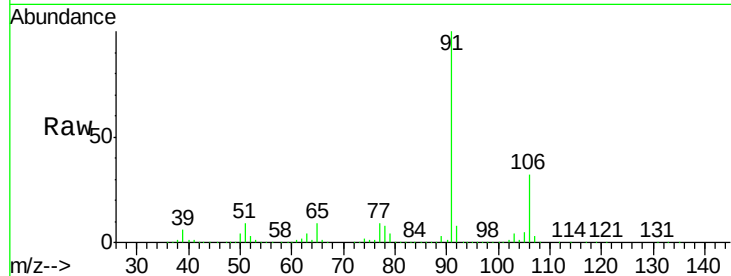




#67
Ethyl Benzene
Concen: 52.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

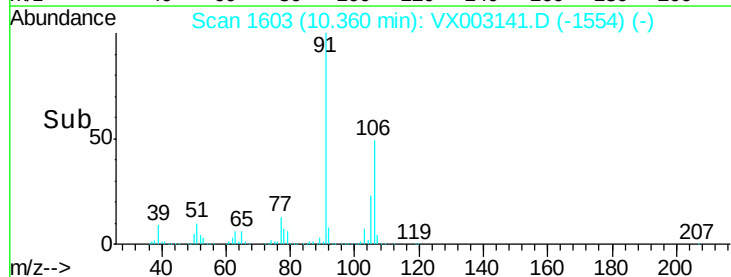
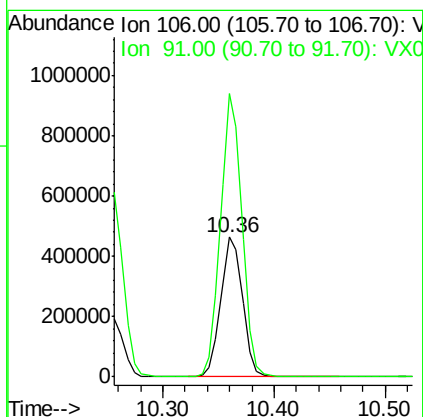
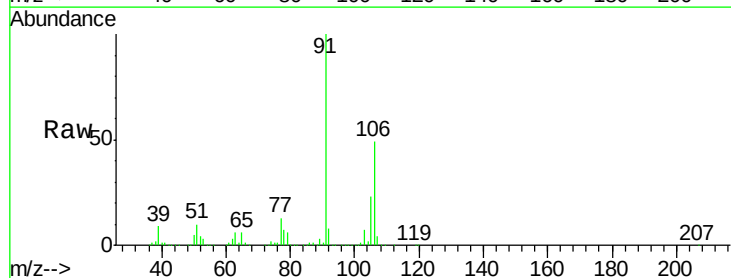
Instrument :
MSVOA_X
ClientSampleId :

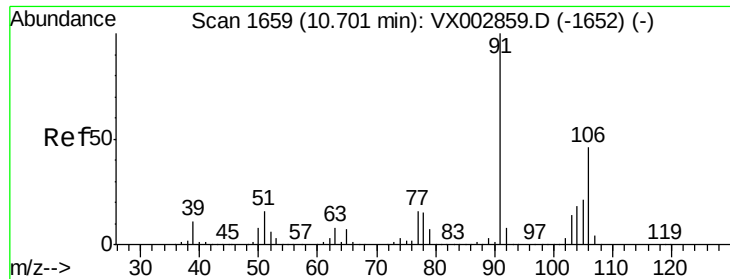
Tot Ion: 91 Resp: 791491
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 106.86 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion: 106 Resp: 626833
Ion Ratio Lower Upper
106 100
91 200.2 163.4 245.2

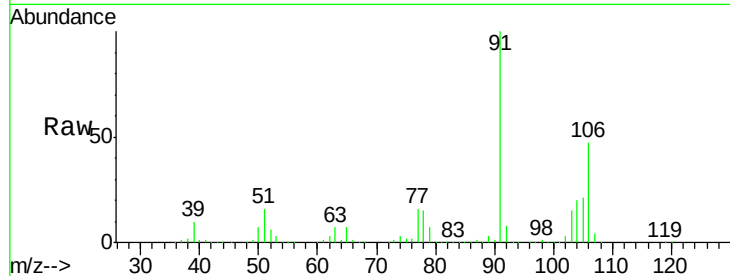




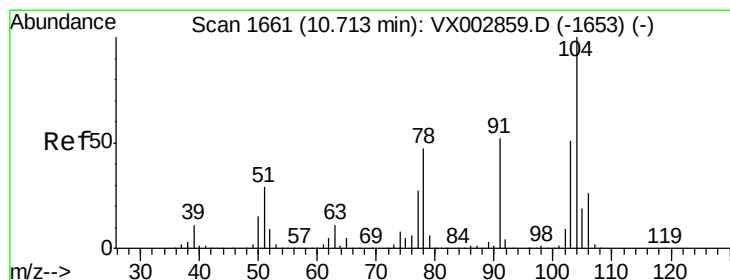
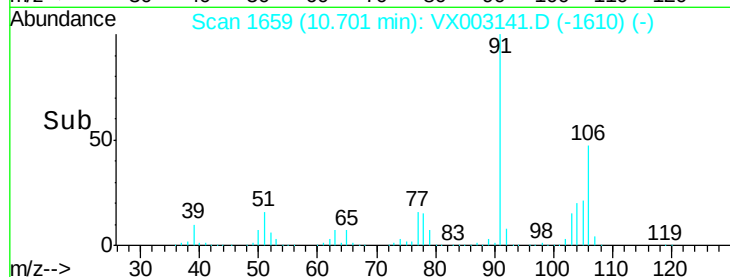
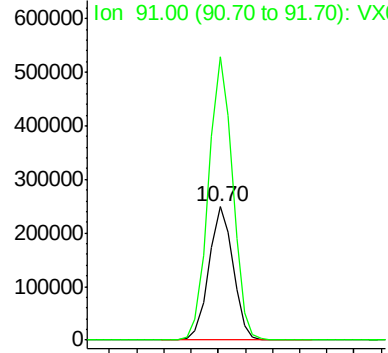
#69
o-Xylene
Concen: 53.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 307136
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6

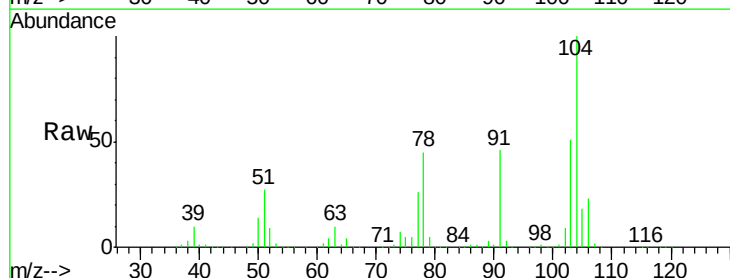


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

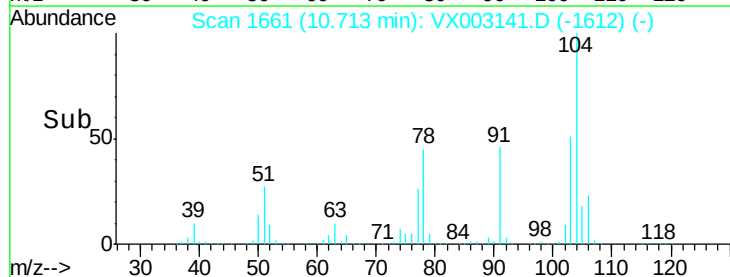
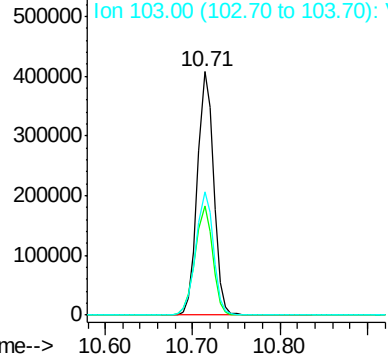


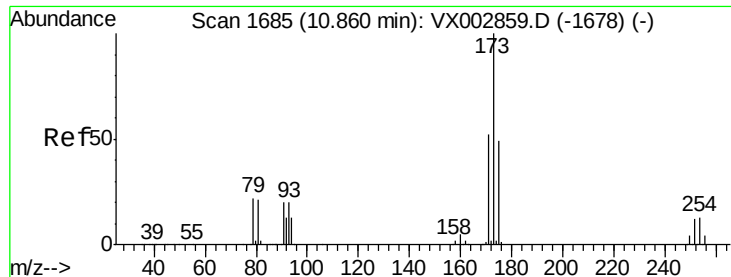
#70
Styrene
Concen: 56.30 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003141.D
Acq: 03 Jul 2018 10:20

Tgt Ion:104 Resp: 522519
Ion Ratio Lower Upper
104 100
78 48.8 41.0 61.6
103 54.9 44.2 66.4



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: 48.38 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

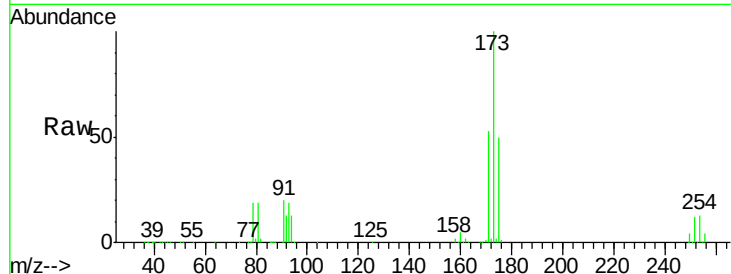
Tot Ion:173 Resp: 145895

Ion Ratio Lower Upper

173 100

175 49.3 24.7 74.1

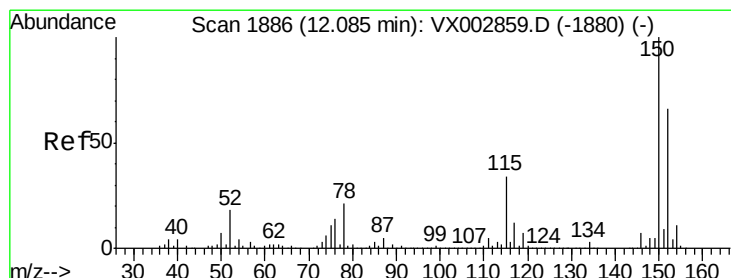
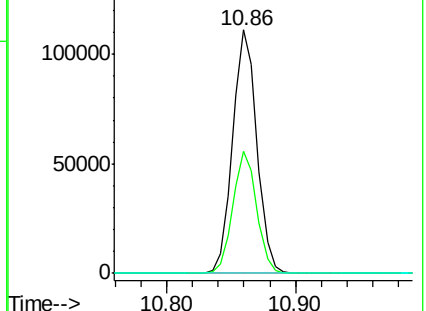
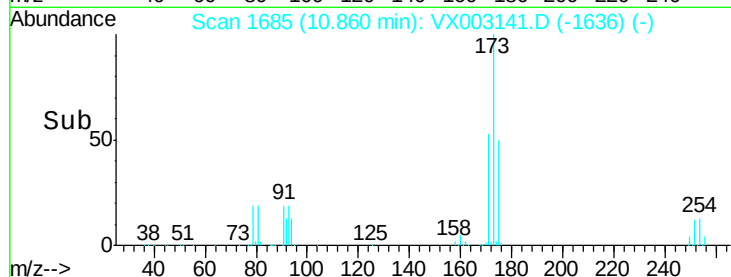
254 0.2 0.2 0.2



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

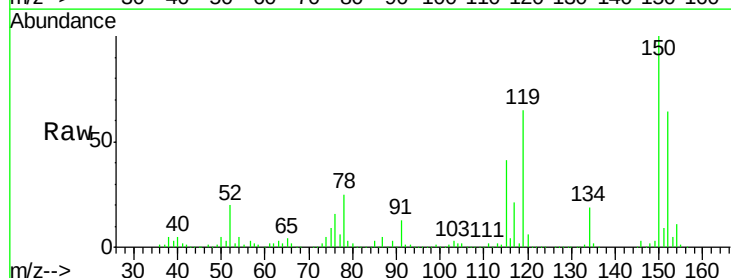
Tgt Ion:152 Resp: 236794

Ion Ratio Lower Upper

152 100

115 77.8 40.1 120.2

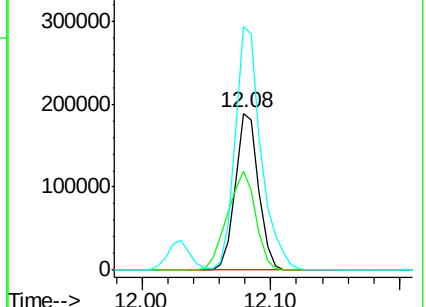
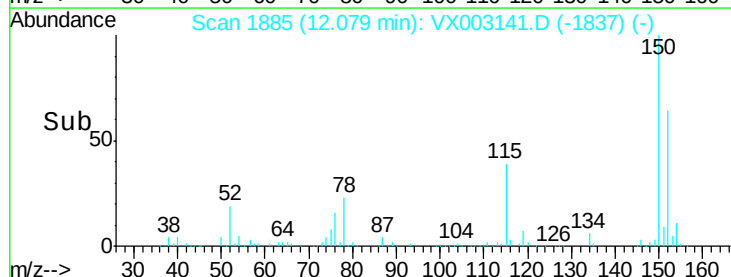
150 172.8 0.0 347.2

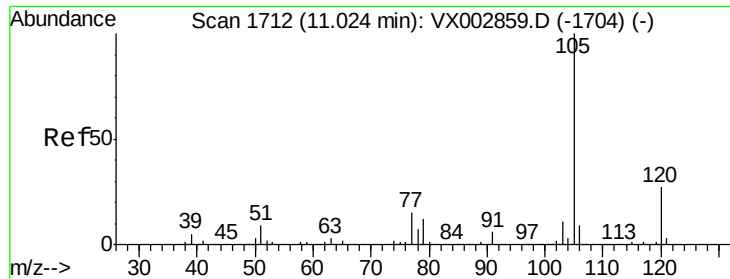


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.11 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

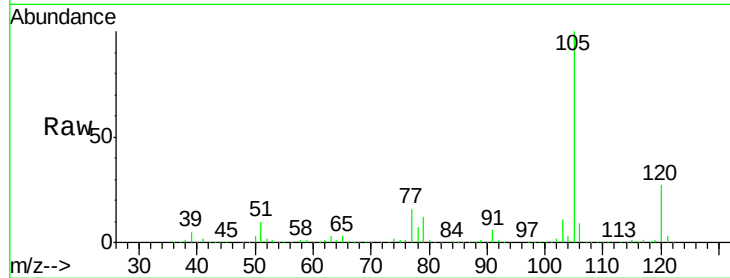
ClientSampleId :

Tot Ion:105 Resp: 845987

Ion Ratio Lower Upper

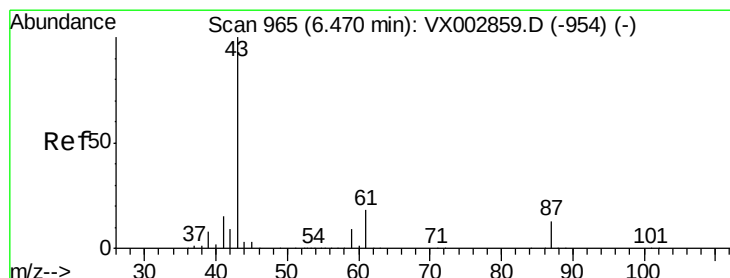
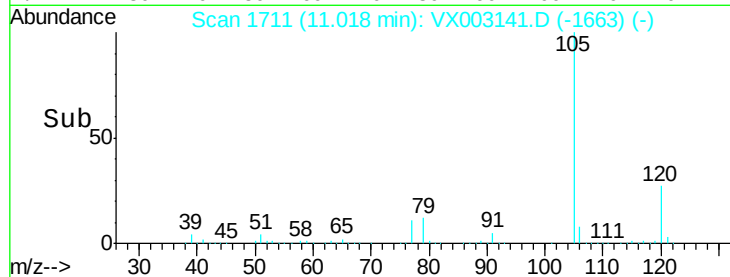
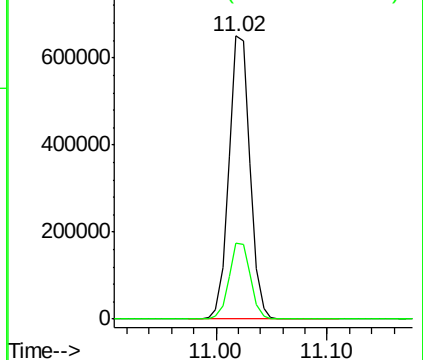
105 100

120 27.1 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: 46.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Tgt Ion: 43 Resp: 365166

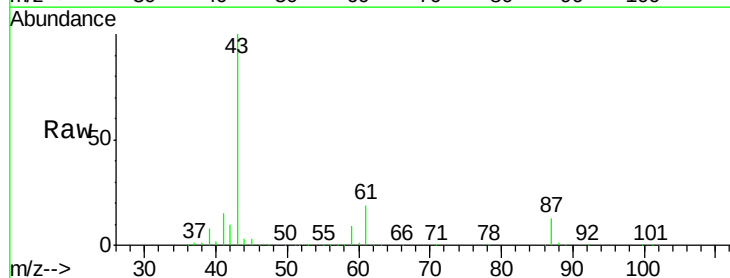
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.2 14.4 21.6

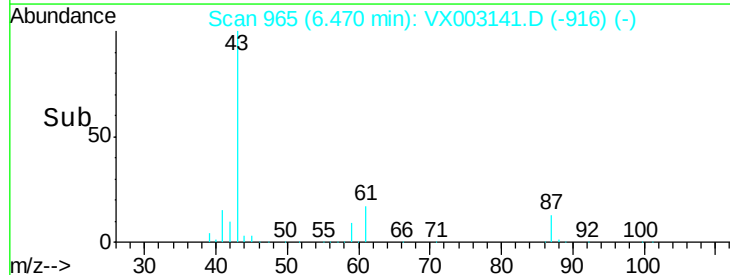
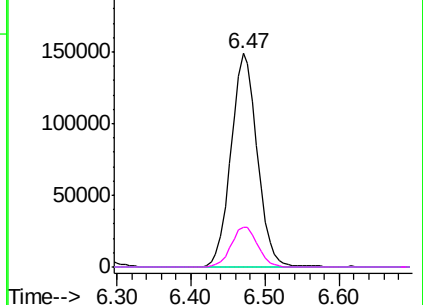


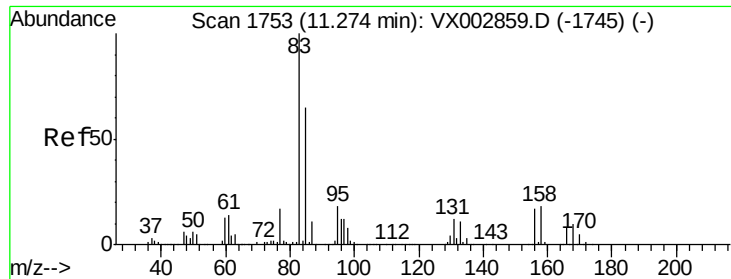
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

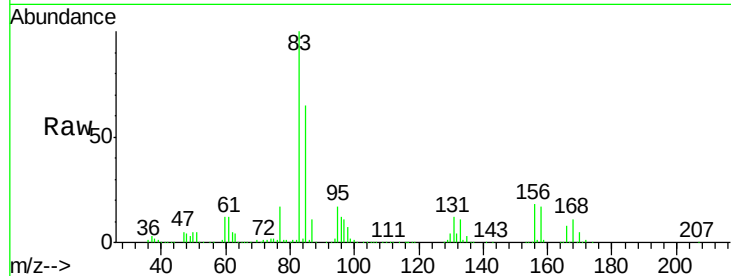
Tot Ion: 83 Resp: 239452

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

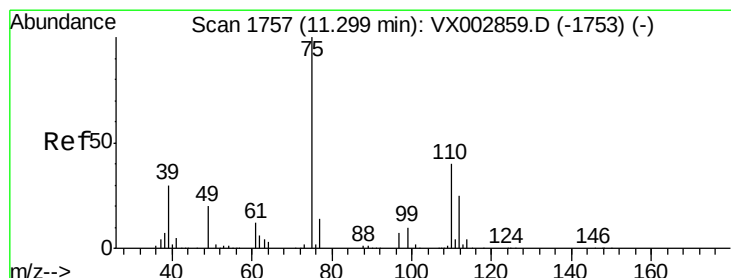
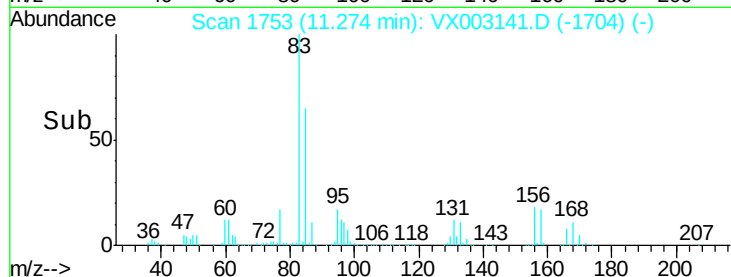
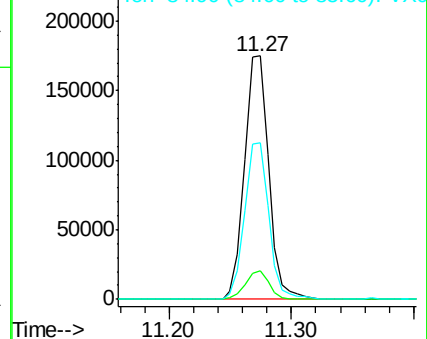
85 64.3 32.4 97.2



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: 65.86 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003141.D

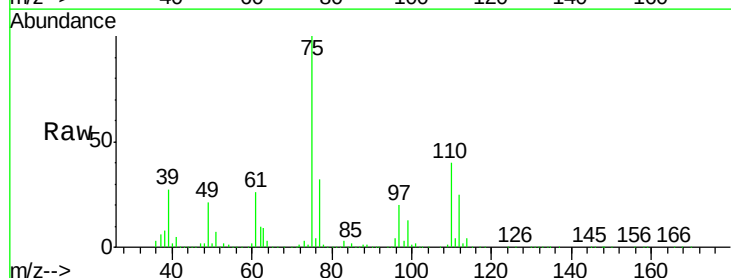
Acq: 03 Jul 2018 10:20

Tgt Ion: 75 Resp: 282502

Ion Ratio Lower Upper

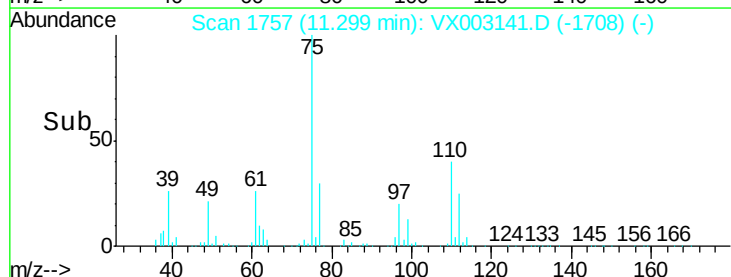
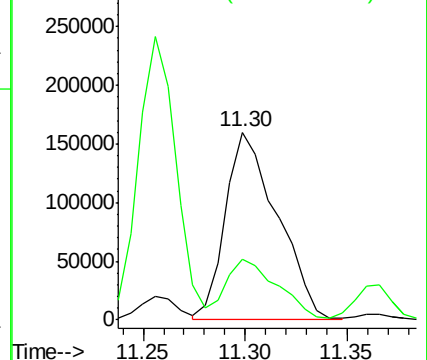
75 100

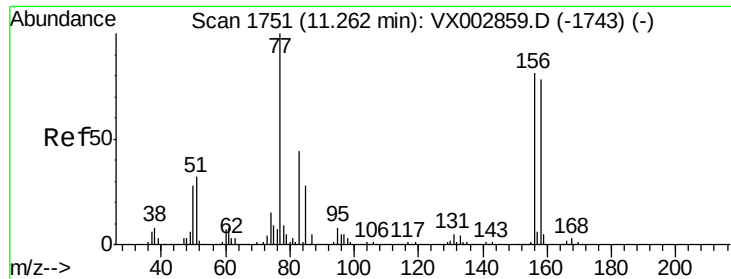
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.12 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

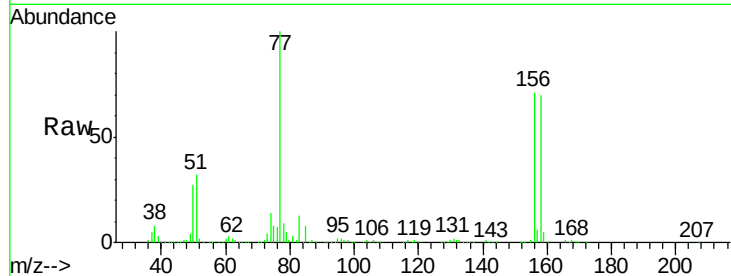
Tot Ion:156 Resp: 231885

Ion Ratio Lower Upper

156 100

77 133.6 71.4 214.2

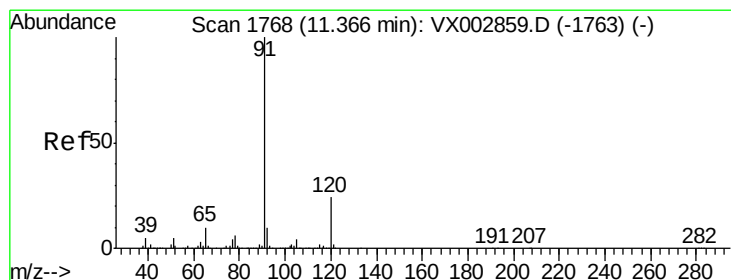
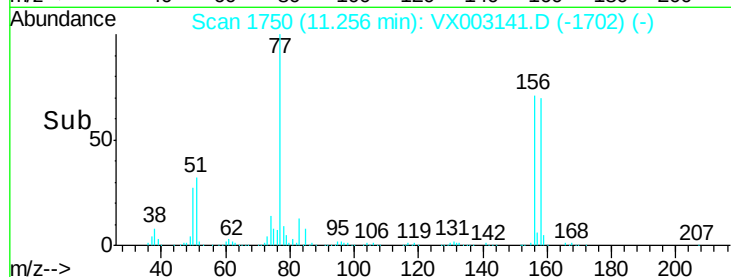
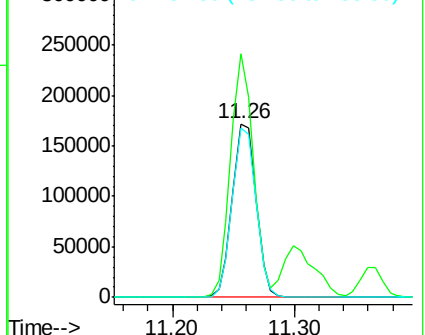
158 97.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.40 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003141.D

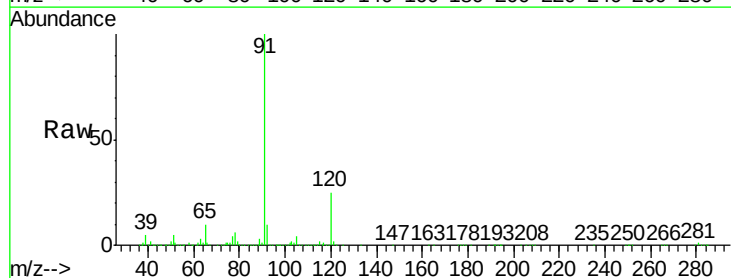
Acq: 03 Jul 2018 10:20

Tgt Ion: 91 Resp: 950159

Ion Ratio Lower Upper

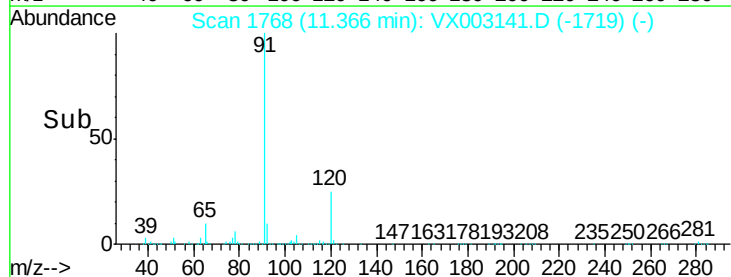
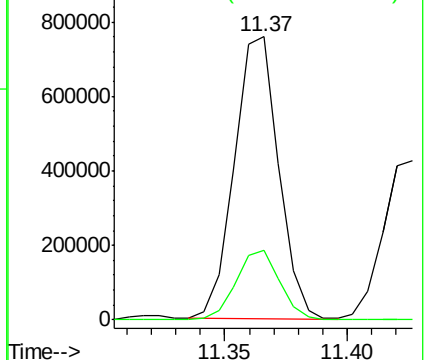
91 100

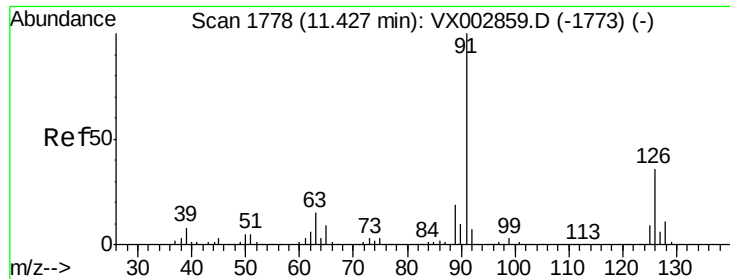
120 24.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

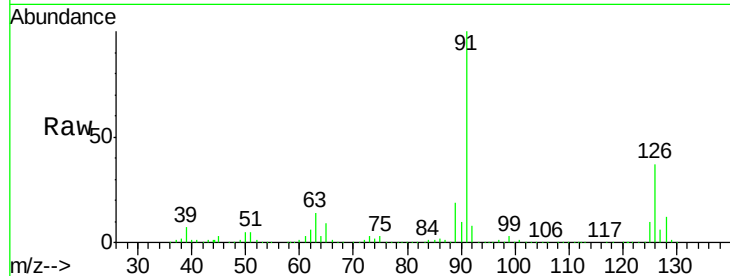




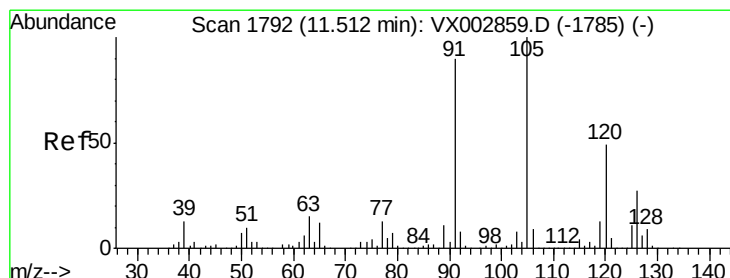
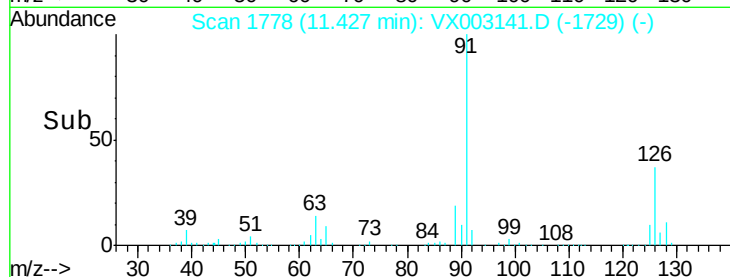
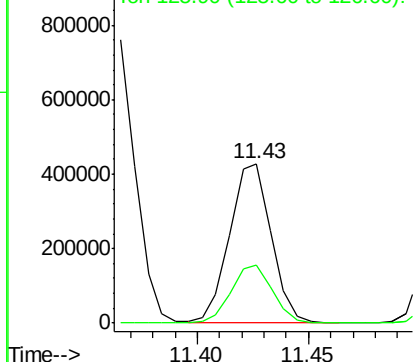
#79
 2-Chlorotoluene
 Concen: 50.45 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 553795
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.7 53.1

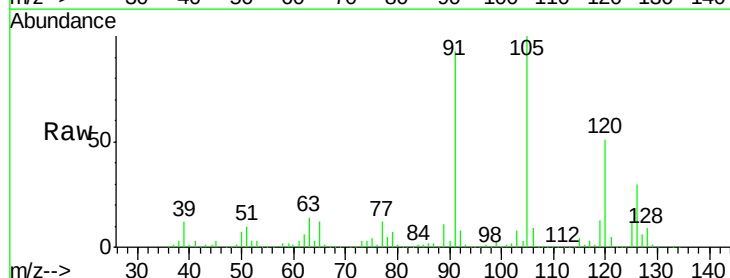


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

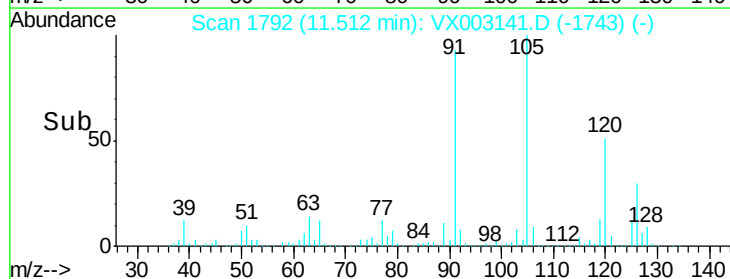
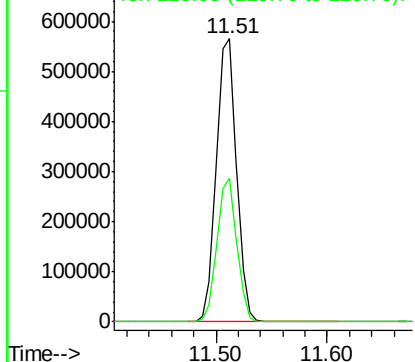


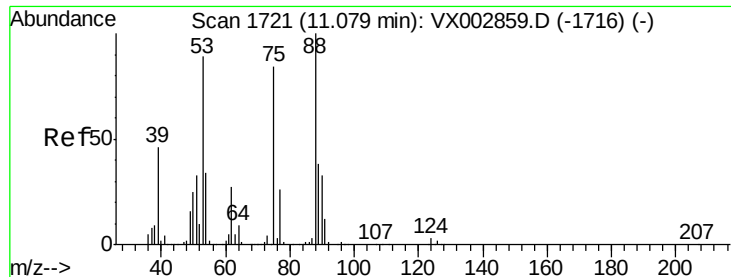
#80
 1,3,5-Trimethylbenzene
 Concen: 52.87 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion: 105 Resp: 709294
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4



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: 48.42 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

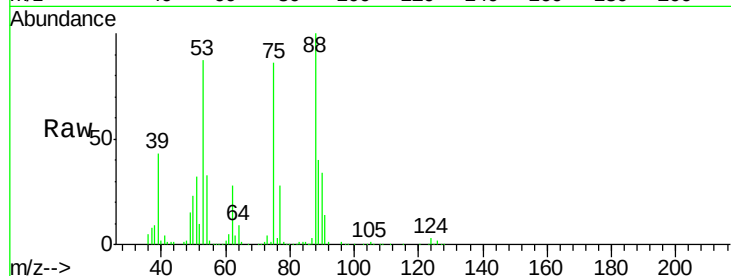
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 71410

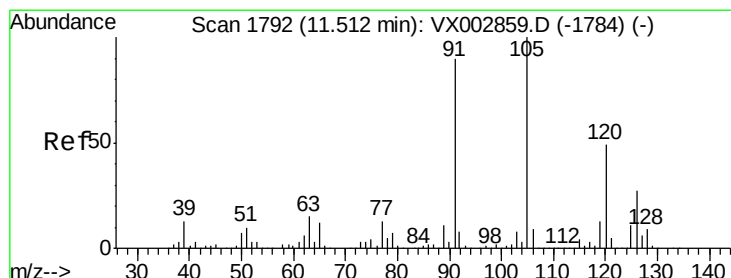
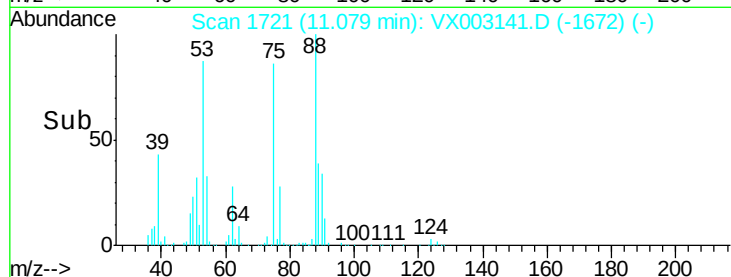
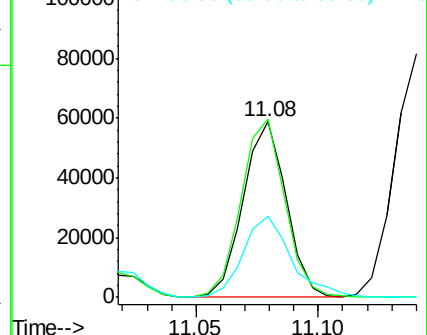
Ion	Ratio	Lower	Upper
75	100		
53	103.8	86.8	130.2
89	52.5	38.2	57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.98 ug/l

RT: 11.51 min Scan# 1792

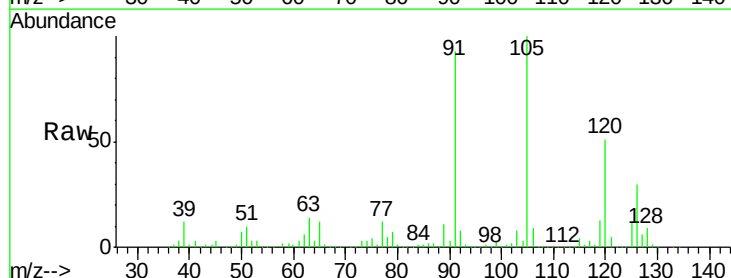
Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

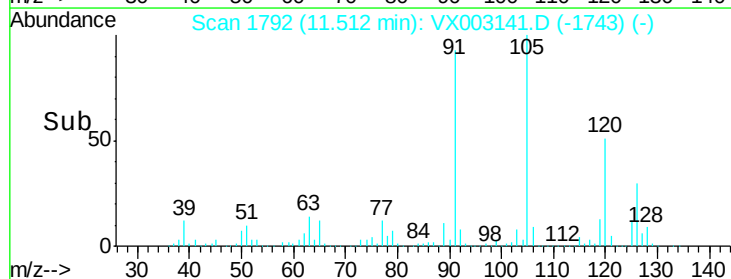
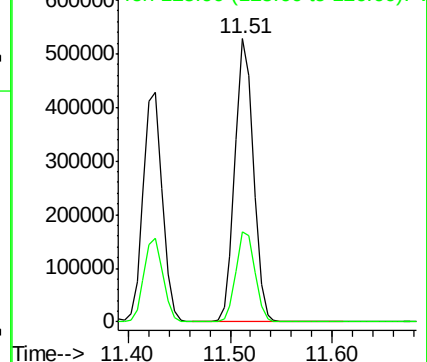
Tgt Ion: 91 Resp: 662490

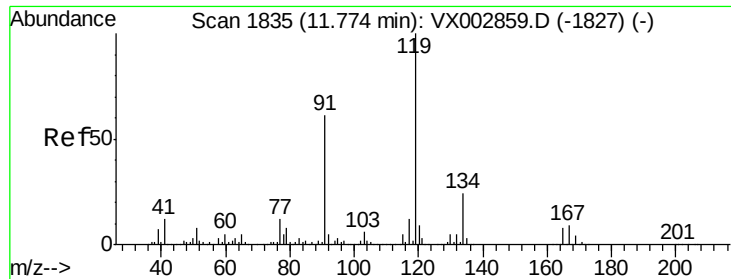
Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

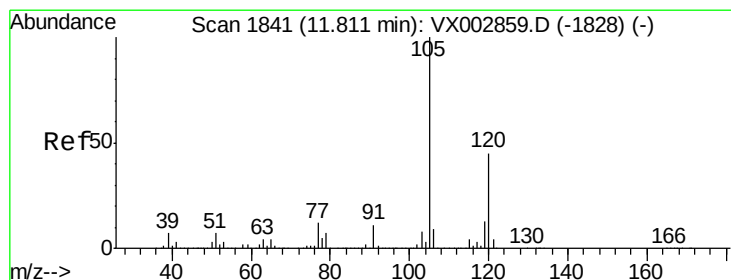
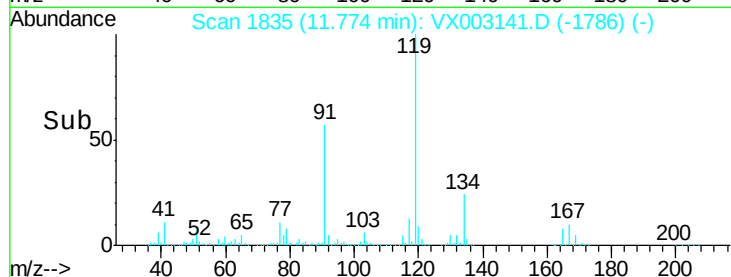
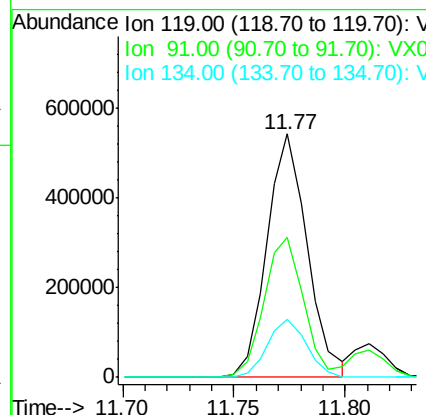
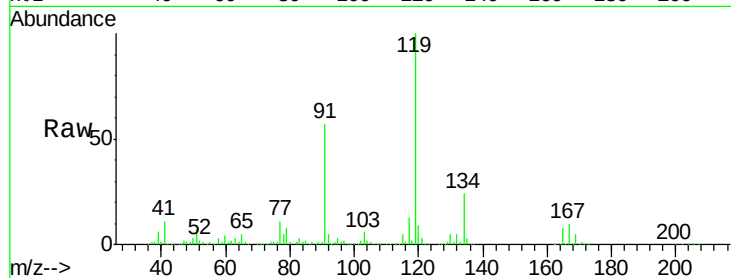




#83
 tert-Butylbenzene
 Concen: 51.56 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

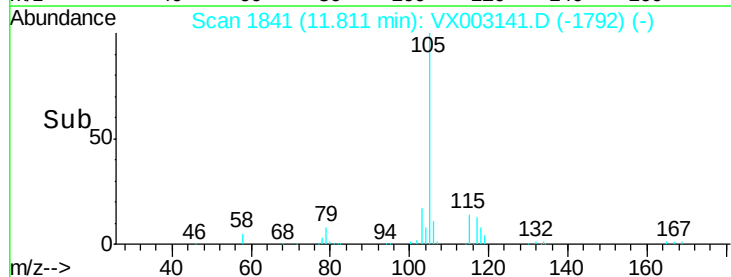
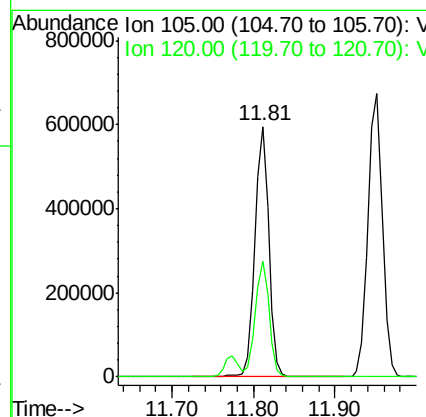
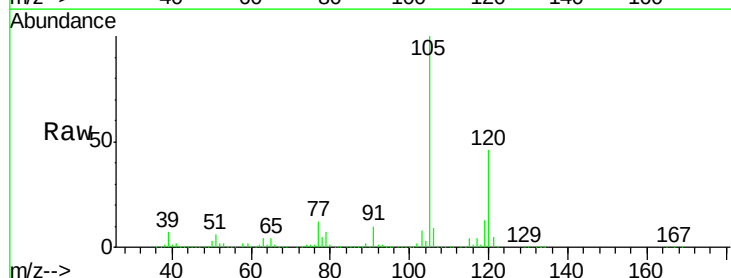
Instrument :
 MSVOA_X
 ClientSampleId :

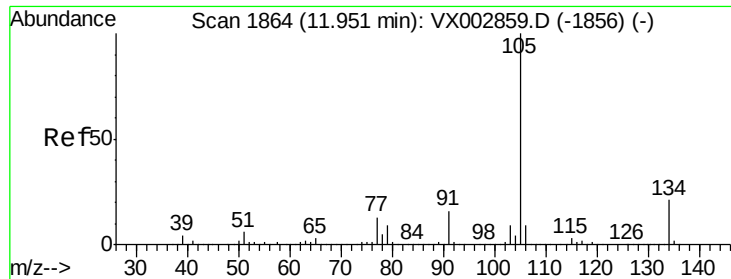
Tot Ion:119 Resp: 681810
 Ion Ratio Lower Upper
 119 100
 91 55.7 30.3 90.9
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion:105 Resp: 713285
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.75 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

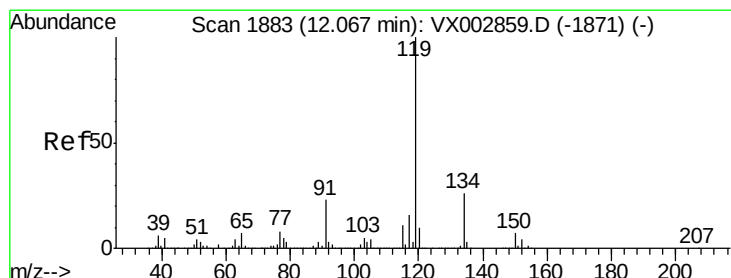
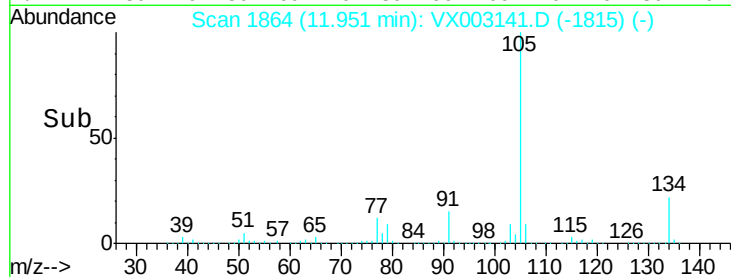
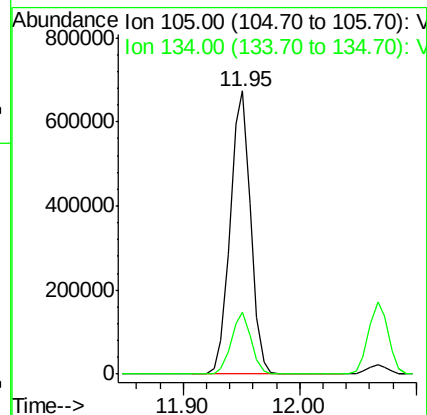
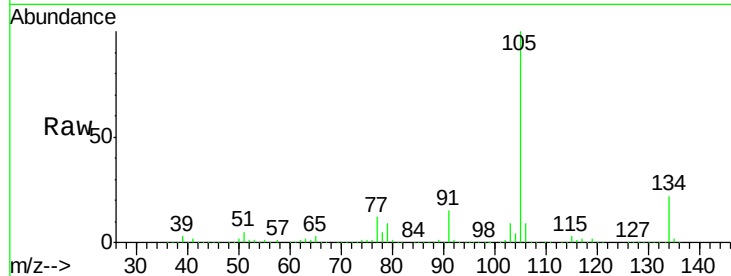
ClientSampleId :

Tot Ion:105 Resp: 814139

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.10 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

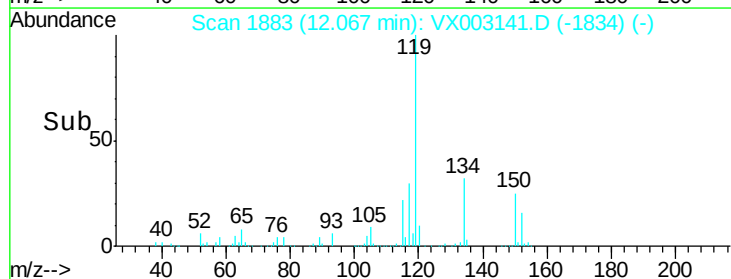
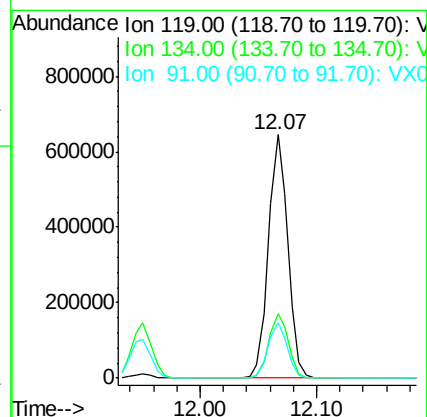
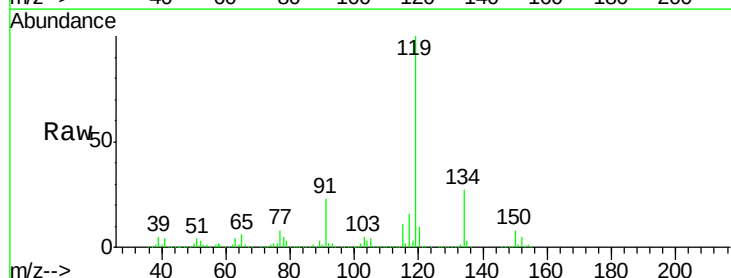
Tgt Ion:119 Resp: 751302

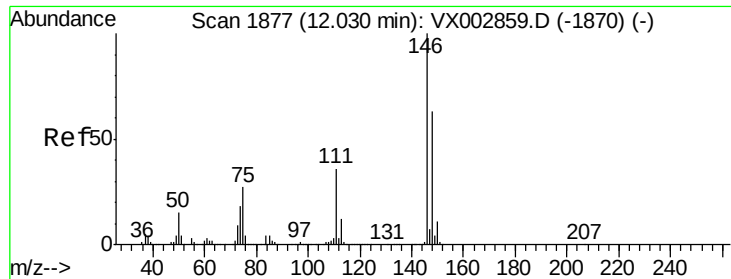
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.7 11.9 35.7

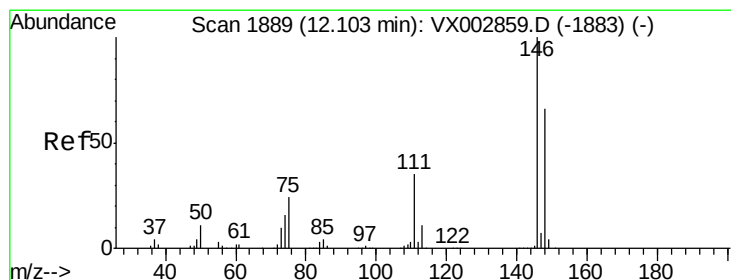
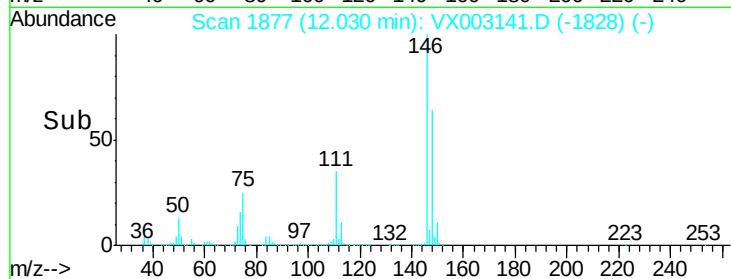
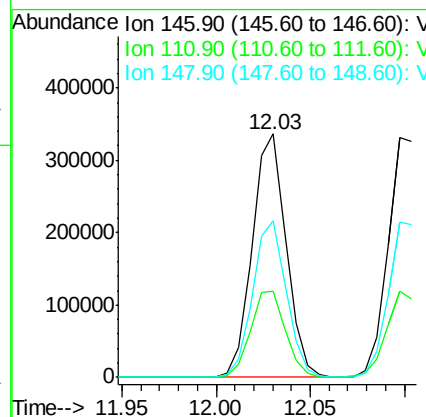
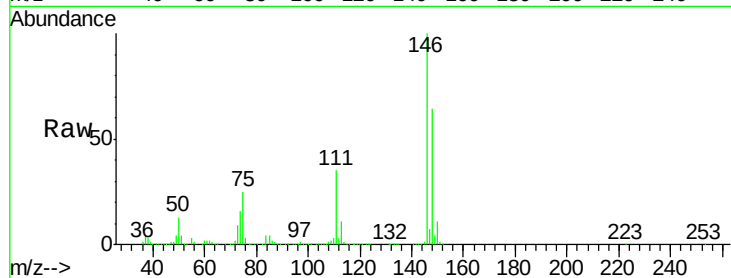




#87
 1,3-Dichlorobenzene
 Concen: 50.55 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

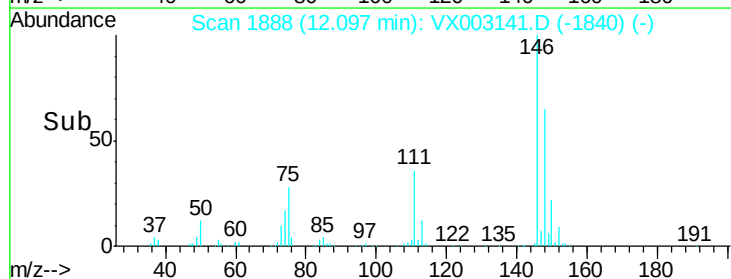
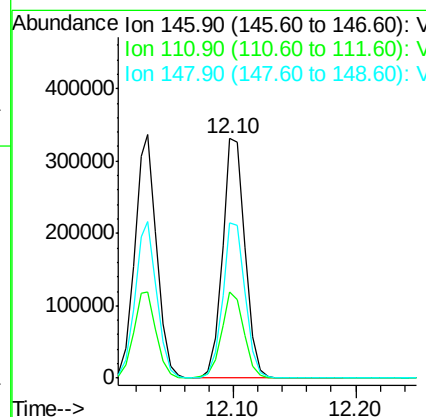
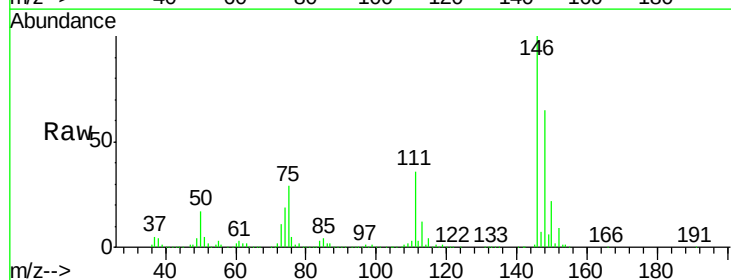
Instrument :
 MSVOA_X
 ClientSampled :

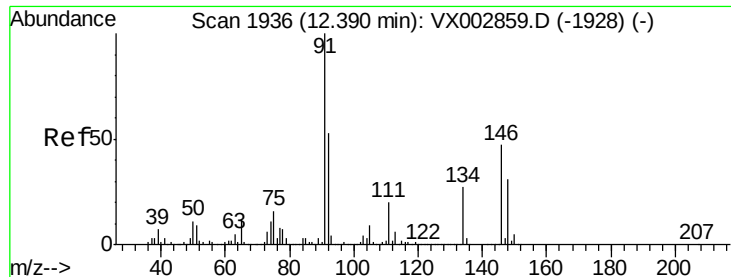
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.7
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.77 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.7	56.1
148	64.8	32.4	97.0





#89

n-Butylbenzene

Concen: 51.08 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

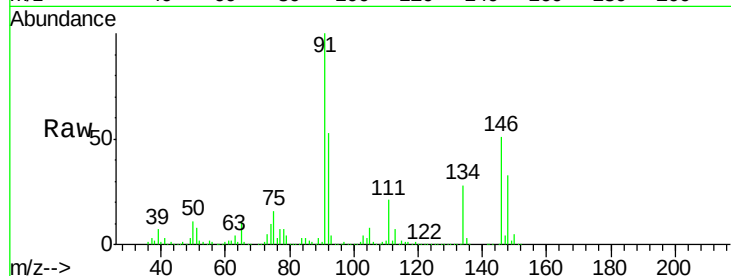
Tot Ion: 91 Resp: 641126

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

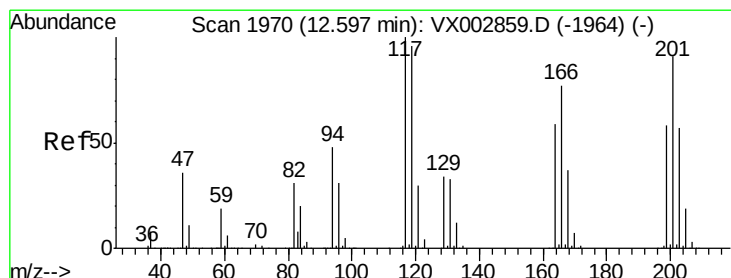
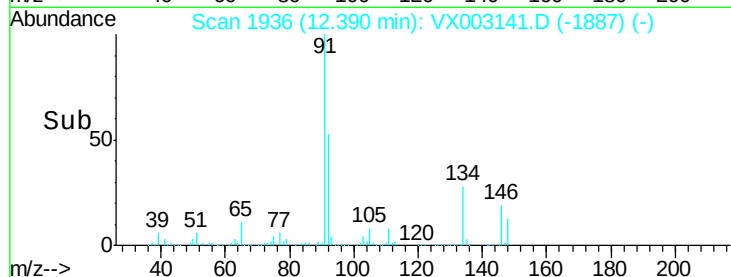
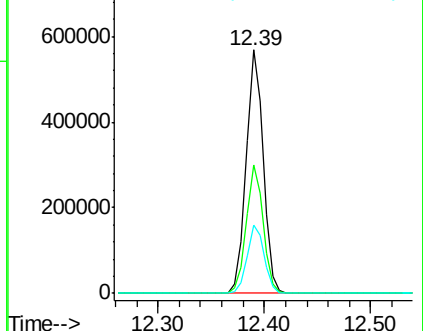
134 28.2 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.61 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003141.D

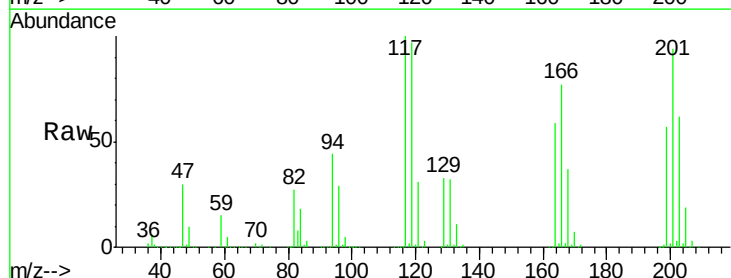
Acq: 03 Jul 2018 10:20

Tgt Ion: 117 Resp: 114995

Ion Ratio Lower Upper

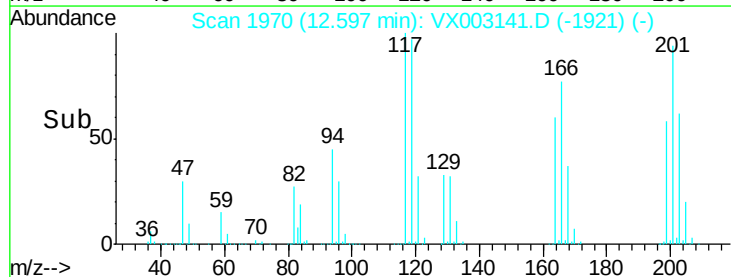
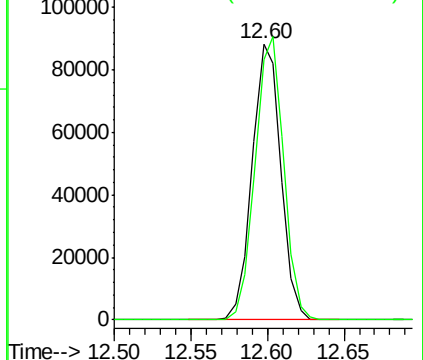
117 100

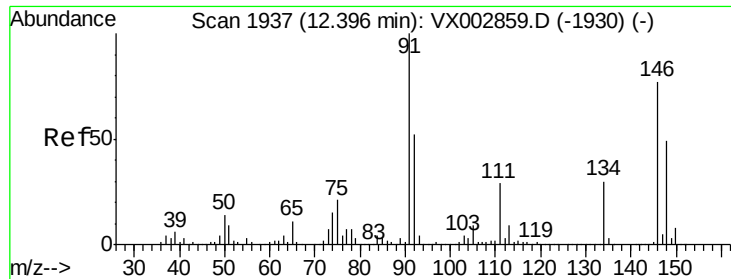
201 101.9 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.04 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampled :

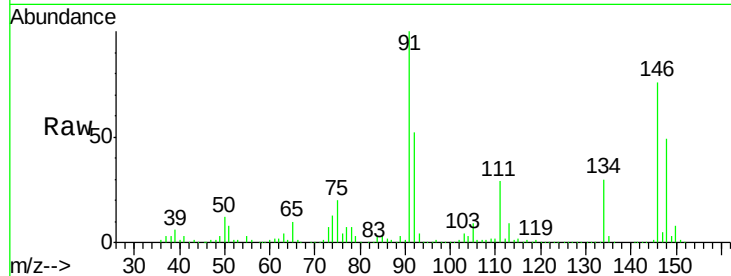
Tot Ion:146 Resp: 418461

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.1

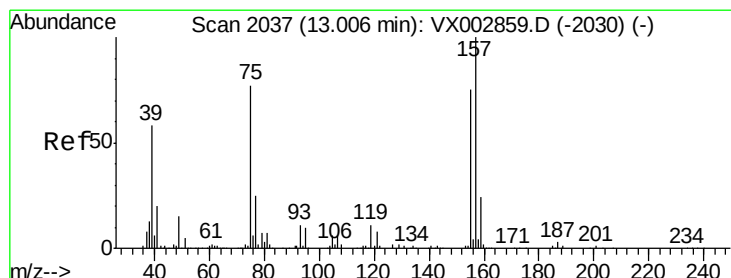
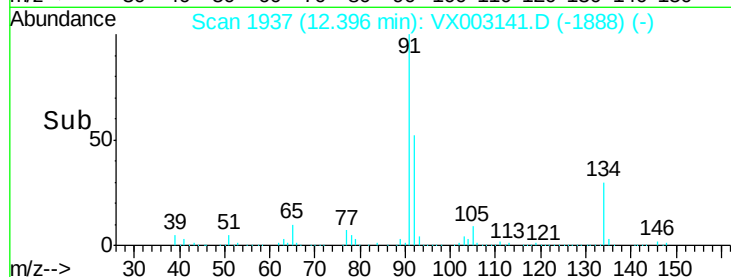
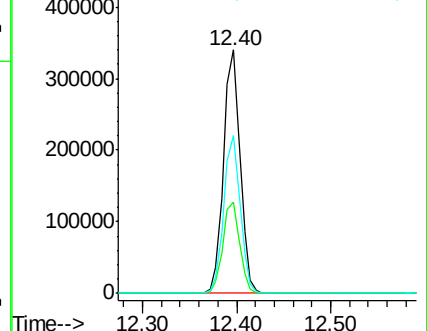
148 64.3 31.7 95.1



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: 48.19 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

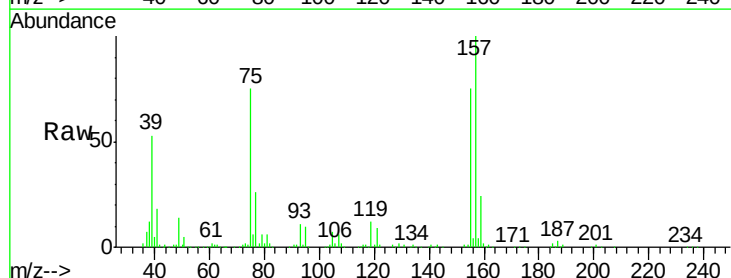
Tgt Ion: 75 Resp: 53160

Ion Ratio Lower Upper

75 100

155 99.1 45.8 137.4

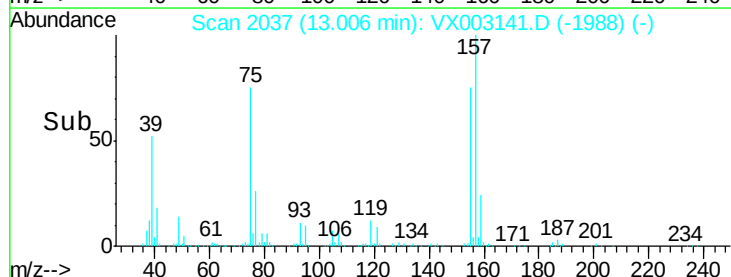
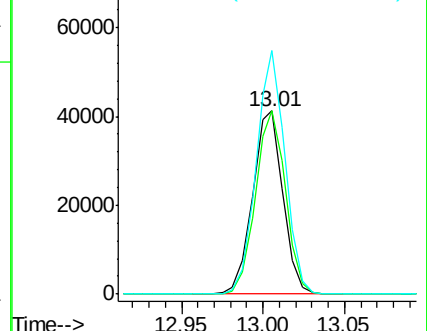
157 125.9 60.1 180.3

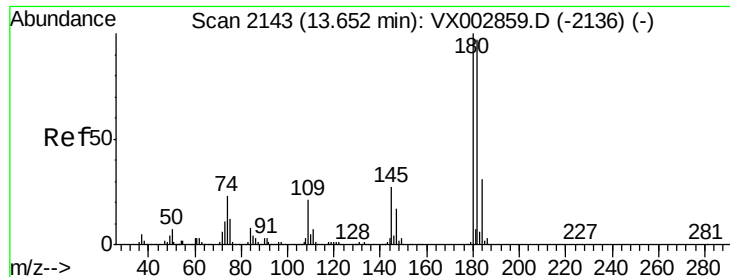


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

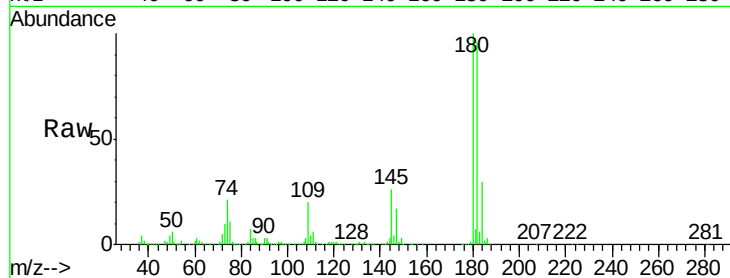




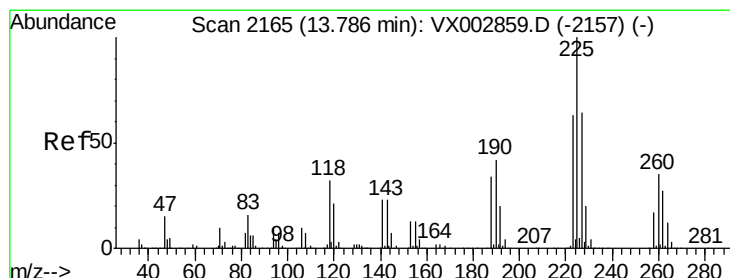
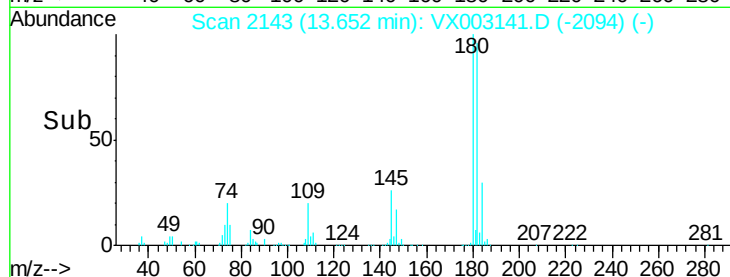
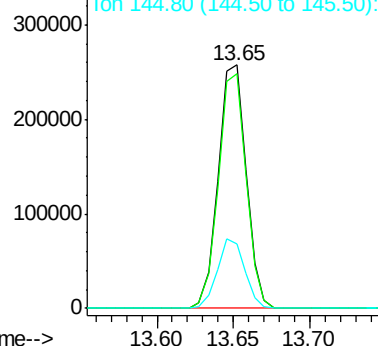
#93
 1,2,4-Trichlorobenzene
 Concen: 53.74 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 327064
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 27.7 14.1 42.4

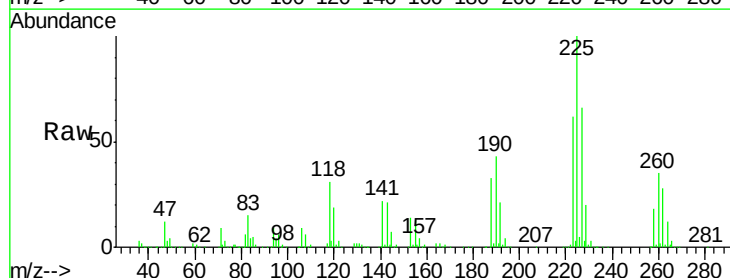


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

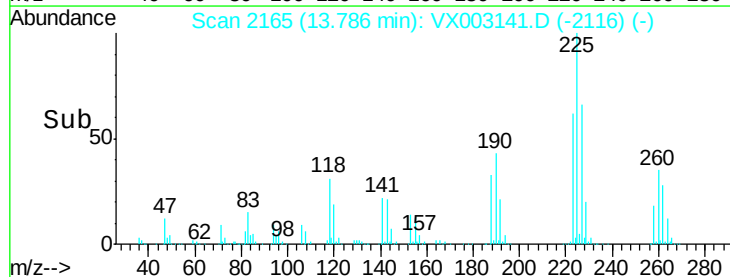
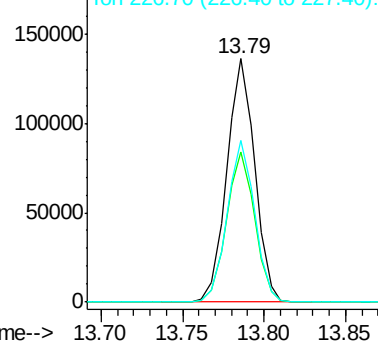


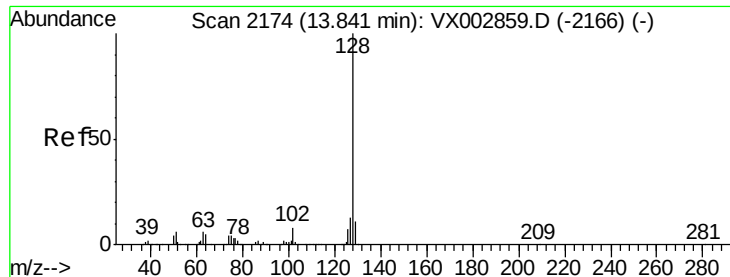
#94
 Hexachlorobutadiene
 Concen: 53.49 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003141.D
 Acq: 03 Jul 2018 10:20

Tgt Ion:225 Resp: 162365
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 65.6 32.4 97.2



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: 53.73 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

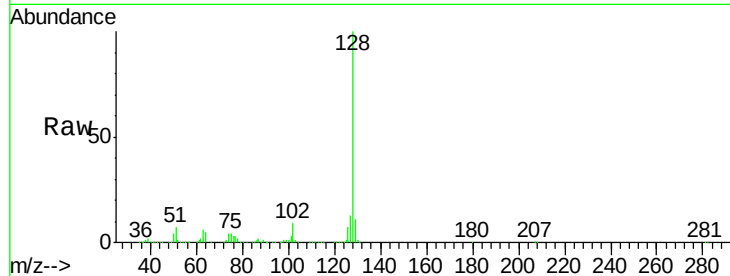
Tot Ion:128 Resp: 870956

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

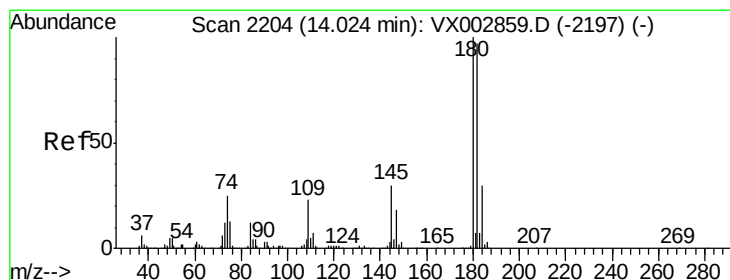
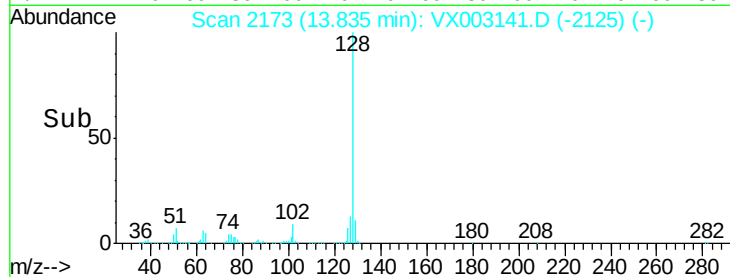
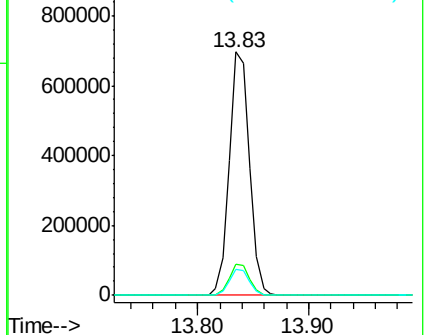
129 10.9 8.6 13.0



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: 53.63 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003141.D

Acq: 03 Jul 2018 10:20

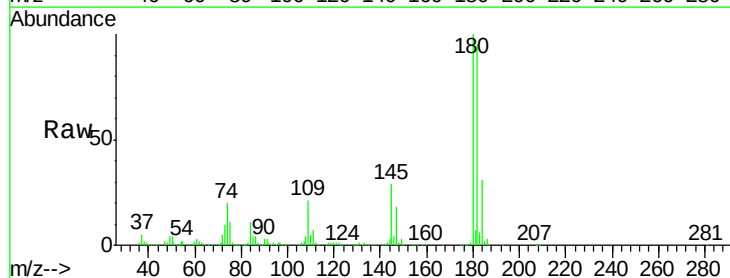
Tgt Ion:180 Resp: 325995

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 29.1 14.8 44.3



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

