

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003163.D
 Acq On : 03 Jul 2018 21:40
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:20:18 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	263718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228887	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	175517	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
35) Dibromofluoromethane	5.51	113	148926	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
50) Toluene-d8	8.72	98	527369	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	204115	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	136696	58.10	ug/l	98
3) Chloromethane	1.32	50	145221	59.63	ug/l	99
4) Vinyl Chloride	1.40	62	162740	54.57	ug/l	98
5) Bromomethane	1.64	94	53840	38.02	ug/l	99
6) Chloroethane	1.71	64	100260	57.62	ug/l	97
7) Trichlorofluoromethane	1.92	101	250688	49.83	ug/l	97
8) Diethyl Ether	2.19	74	95603	52.27	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	147006	50.43	ug/l	97
10) Methyl Iodide	2.51	142	137571	46.97	ug/l	96
11) Tert butyl alcohol	3.09	59	191755	264.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133070	51.16	ug/l	91
13) Acrolein	2.30	56	59812	150.29	ug/l	100
14) Allyl chloride	2.73	41	258184	50.36	ug/l	95
15) Acrylonitrile	3.15	53	427600	275.69	ug/l	99
16) Acetone	2.45	43	387634	256.79	ug/l	95
17) Carbon Disulfide	2.57	76	360043	51.96	ug/l	98
18) Methyl Acetate	2.78	43	220471	52.24	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	473739	50.67	ug/l	99
20) Methylene Chloride	2.85	84	158994	54.12	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	143061	50.50	ug/l	94
22) Diisopropyl ether	3.88	45	493591	50.37	ug/l	99
23) Vinyl Acetate	3.83	43	2177827	262.44	ug/l	98
24) 1,1-Dichloroethane	3.70	63	269938	50.68	ug/l	99
25) 2-Butanone	4.72	43	636507	284.12	ug/l	97
26) 2,2-Dichloropropane	4.59	77	160174	36.98	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	167902	52.86	ug/l	94
28) Bromochloromethane	5.03	49	130125	51.04	ug/l	90
29) Tetrahydrofuran	5.17	42	408246	284.16	ug/l	96
30) Chloroform	5.22	83	291473	53.32	ug/l	99
31) Cyclohexane	5.57	56	242754	53.10	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	257152	53.47	ug/l	98
36) 1,1-Dichloropropene	5.80	75	209929	52.46	ug/l	99
37) Ethyl Acetate	4.87	43	243796	56.58	ug/l	99
38) Carbon Tetrachloride	5.79	117	234978	53.51	ug/l	99

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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)
39) Methylcyclohexane	7.46	83	243311	52.20	ug/l	99
40) Benzene	6.15	78	637456	54.82	ug/l	99
41) Methacrylonitrile	5.07	41	137149	55.27	ug/l	98
42) 1,2-Dichloroethane	6.20	62	237726	50.61	ug/l	99
43) Isopropyl Acetate	6.48	43	387057	53.56	ug/l	98
44) Trichloroethene	7.22	130	183914	53.05	ug/l	99
45) 1,2-Dichloropropane	7.52	63	163768	53.09	ug/l	100
46) Dibromomethane	7.66	93	113725	53.13	ug/l	96
47) Bromodichloromethane	7.90	83	217259	54.90	ug/l	98
48) Methyl methacrylate	7.79	41	203856	54.75	ug/l	94
49) 1,4-Dioxane	7.76	88	86984	1200.70	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1279758	283.05	ug/l	97
52) Toluene	8.79	92	408566	54.85	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	244113	54.47	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	224428	52.04	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	168467	55.04	ug/l	97
56) Ethyl methacrylate	9.19	69	257036	57.46	ug/l	92
57) 1,3-Dichloropropane	9.38	76	274861	54.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	574991	266.42	ug/l	97
59) 2-Hexanone	9.50	43	987857	287.48	ug/l	96
60) Dibromochloromethane	9.59	129	183600	56.98	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180178	56.12	ug/l	100
64) Tetrachloroethene	9.34	164	213378	54.73	ug/l	98
65) Chlorobenzene	10.14	112	469474	52.72	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	176892	54.68	ug/l	100
67) Ethyl Benzene	10.26	91	791198	53.78	ug/l	100
68) m/p-Xylenes	10.36	106	620680	109.47	ug/l	97
69) o-Xylene	10.70	106	302104	54.72	ug/l	98
70) Styrene	10.71	104	508192	56.65	ug/l	99
71) Bromoform	10.86	173	147786	50.51	ug/l	100
73) Isopropylbenzene	11.02	105	817872	53.12	ug/l	99
74) N-amyl acetate	6.48	43	387057	51.37	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	259070	54.62	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	287606	69.37	ug/l	80
77) Bromobenzene	11.26	156	230186	52.49	ug/l	96
78) n-propylbenzene	11.37	91	924908	52.77	ug/l	99
79) 2-Chlorotoluene	11.43	91	547100	51.56	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	690473	53.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	64970	45.77	ug/l	97
82) 4-Chlorotoluene	11.51	91	645696	51.40	ug/l	98
83) tert-Butylbenzene	11.77	119	677138	52.98	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	709298	52.79	ug/l	98
85) sec-Butylbenzene	11.95	105	807285	52.07	ug/l	98
86) p-Isopropyltoluene	12.07	119	740080	53.09	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	418159	52.21	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	419737	50.93	ug/l	99
89) n-Butylbenzene	12.39	91	603601	49.75	ug/l	99
90) Hexachloroethane	12.60	117	111205	53.63	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	420749	52.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58448	54.81	ug/l	92

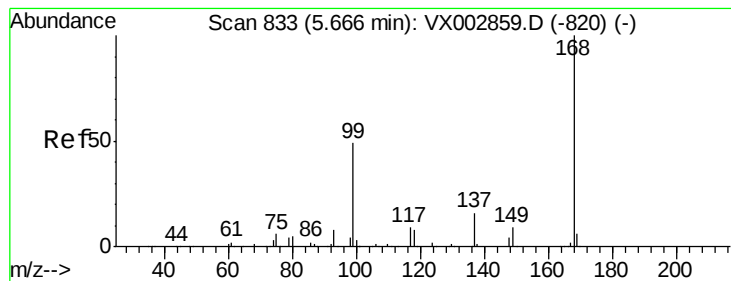
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	307491	52.27	ug/l	99
94) Hexachlorobutadiene	13.79	225	149137	50.83	ug/l	99
95) Naphthalene	13.84	128	896836	57.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	321533	54.72	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

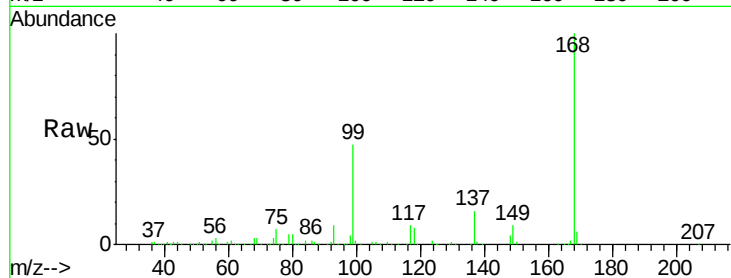
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 263718

Ion Ratio Lower Upper

168 100

99 47.2 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

100000

80000

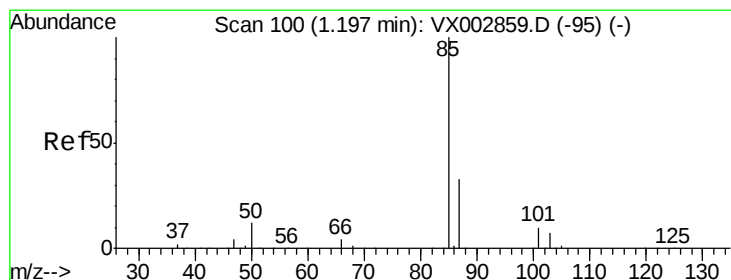
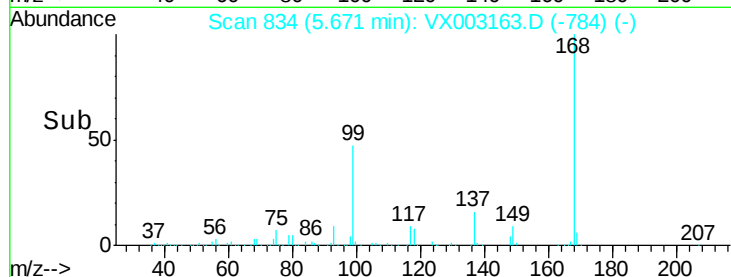
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.10 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003163.D

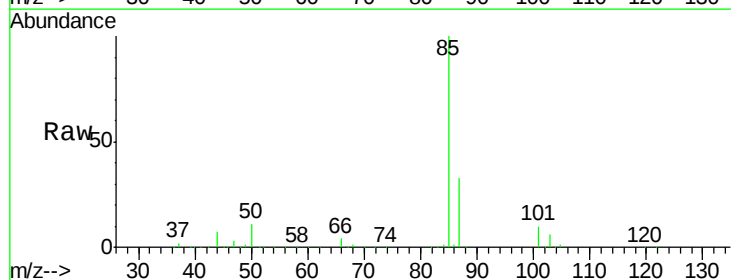
Acq: 03 Jul 2018 21:40

Tgt Ion: 85 Resp: 136696

Ion Ratio Lower Upper

85 100

87 32.9 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

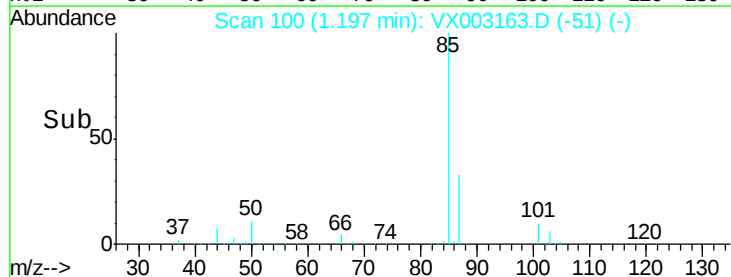
150000

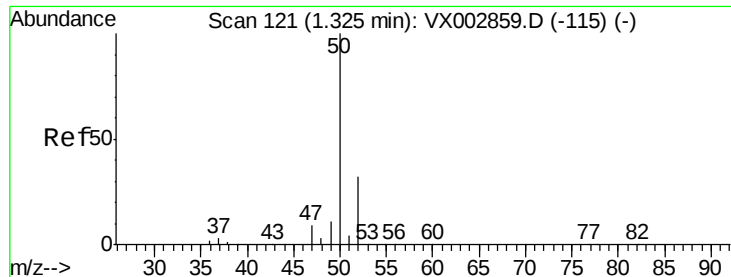
100000

50000

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Time-->

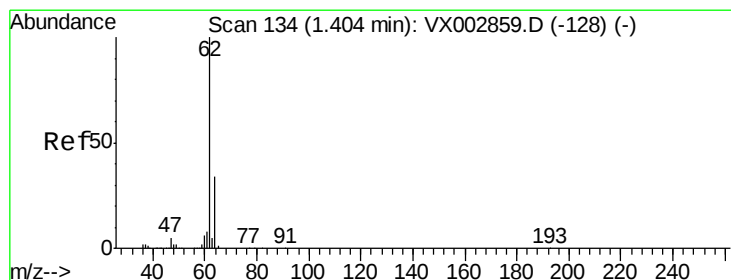
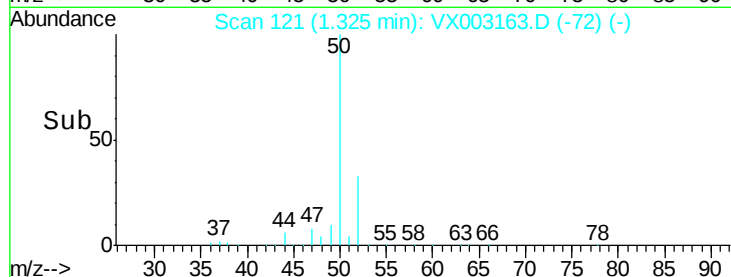
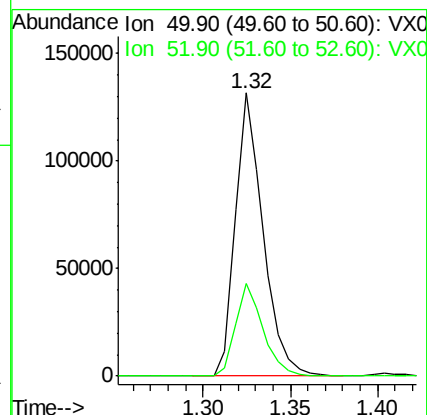
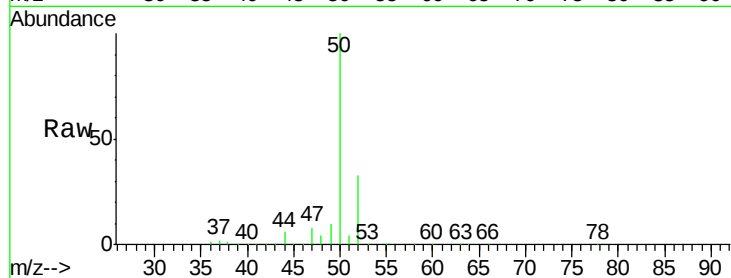




#3
Chloromethane
Concen: 59.63 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

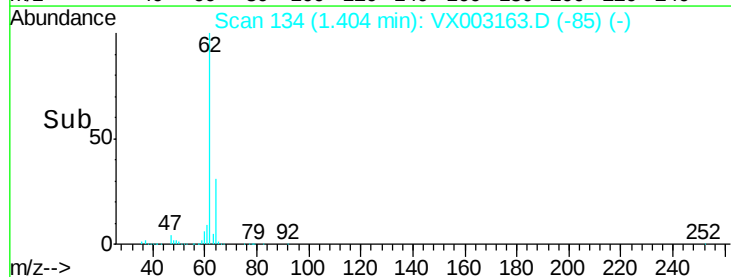
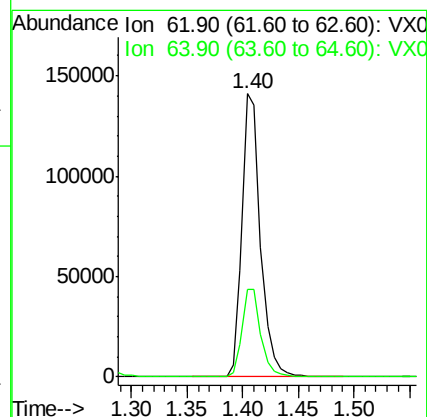
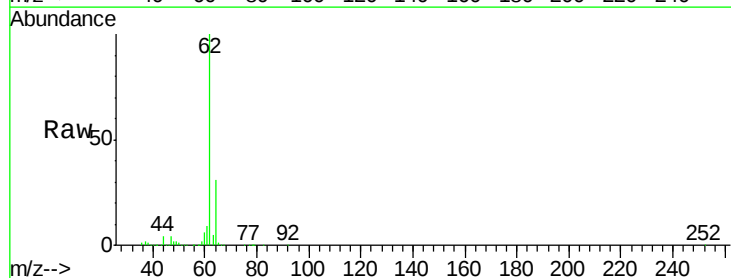
Instrument :
MSVOA_X
ClientSampled :

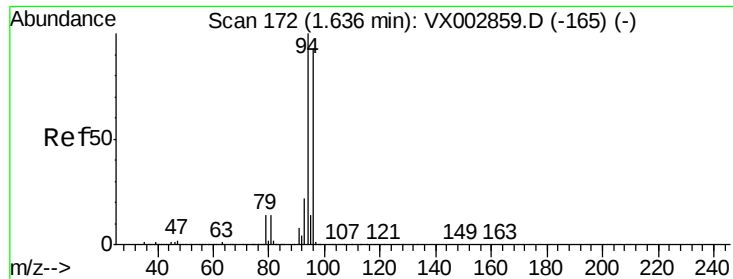
Tot Ion: 50 Resp: 145221
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5



#4
Vinyl Chloride
Concen: 54.57 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 62 Resp: 162740
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2





#5

Bromomethane

Concen: 38.02 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

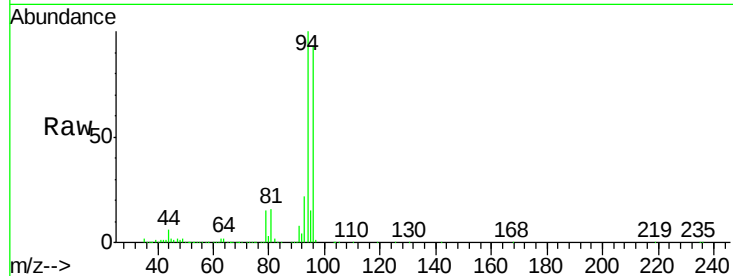
ClientSampled :

Tot Ion: 94 Resp: 53840

Ion Ratio Lower Upper

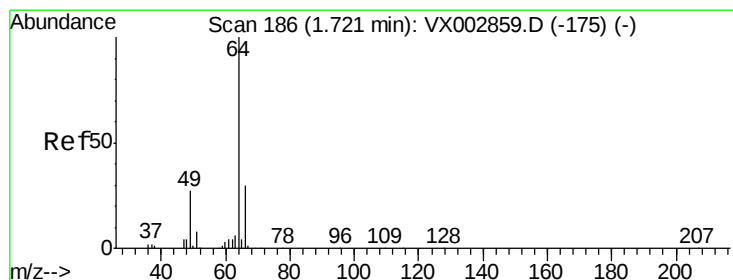
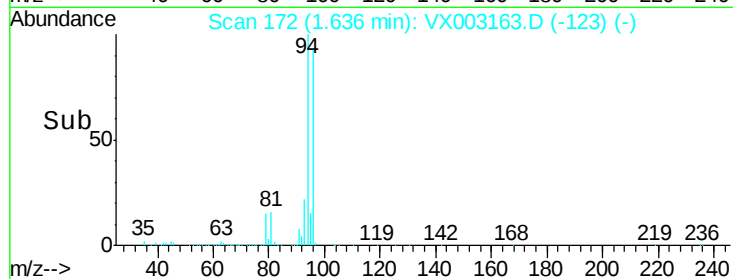
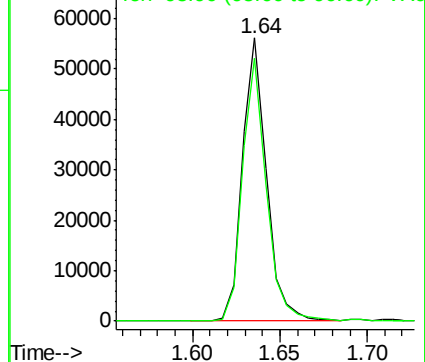
94 100

96 92.6 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: 57.62 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003163.D

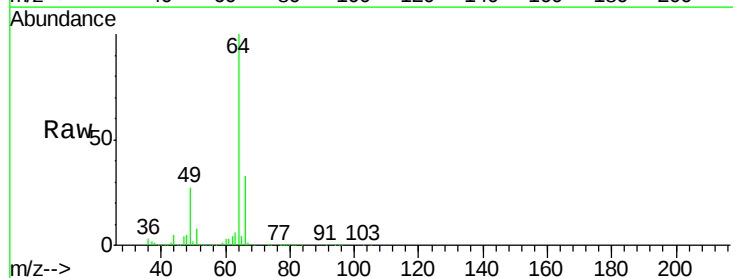
Acq: 03 Jul 2018 21:40

Tgt Ion: 64 Resp: 100260

Ion Ratio Lower Upper

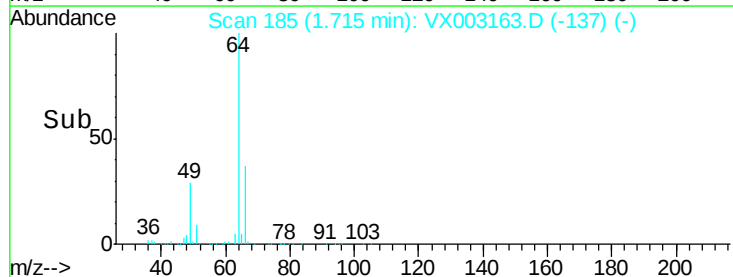
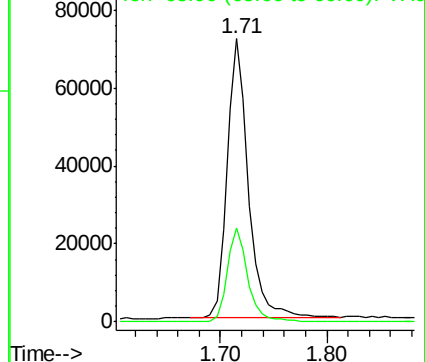
64 100

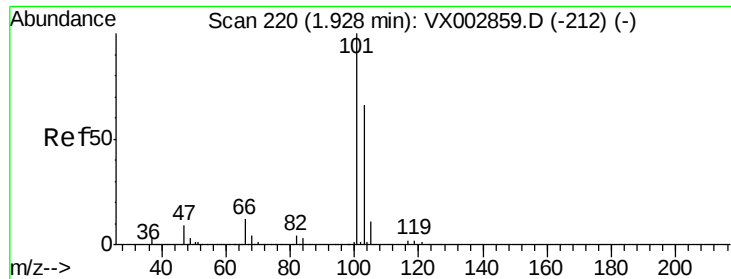
66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.83 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

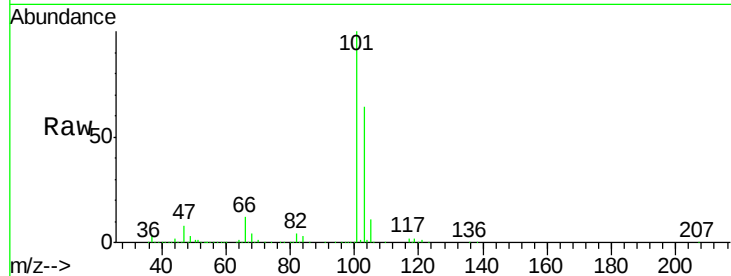
ClientSampleId :

Tot Ion:101 Resp: 250688

Ion Ratio Lower Upper

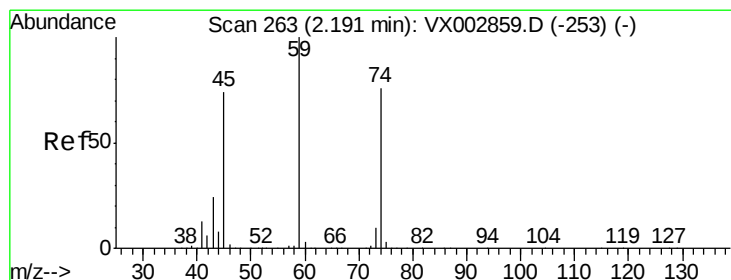
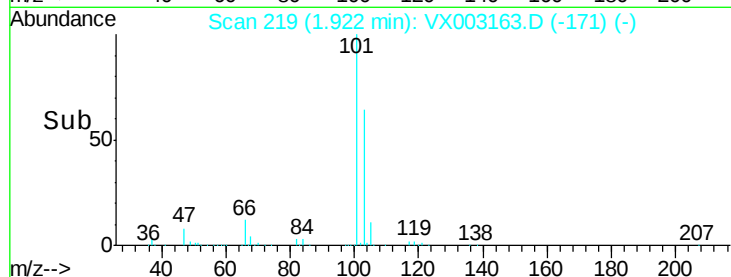
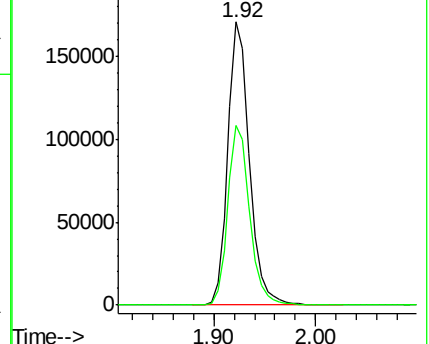
101 100

103 63.5 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 52.27 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003163.D

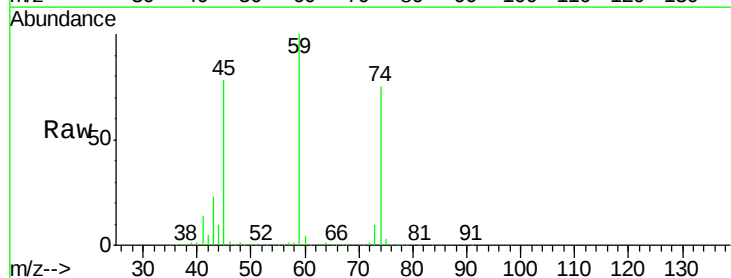
Acq: 03 Jul 2018 21:40

Tgt Ion: 74 Resp: 95603

Ion Ratio Lower Upper

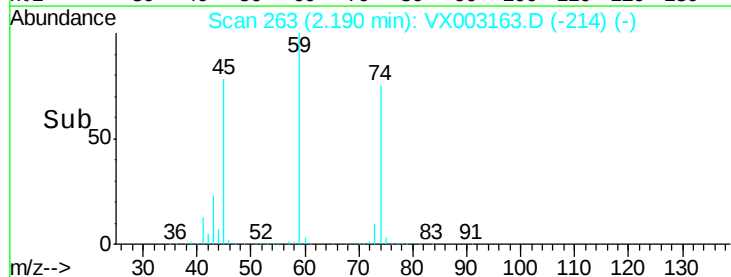
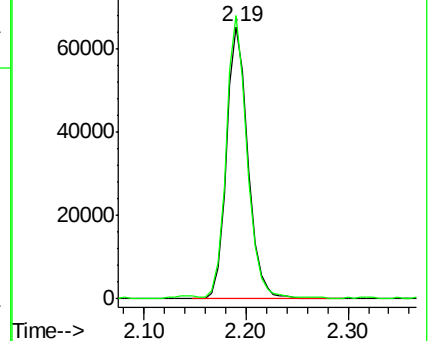
74 100

45 99.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.43 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

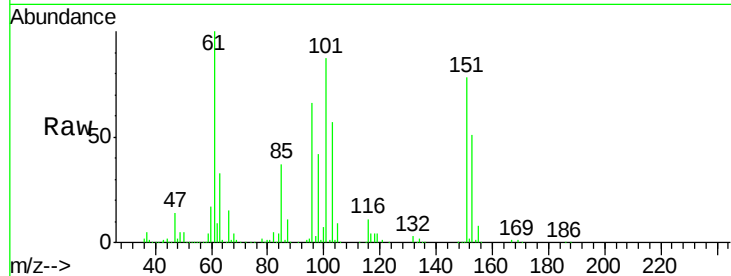
Tot Ion:101 Resp: 147006

Ion Ratio Lower Upper

101 100

85 42.8 36.0 54.0

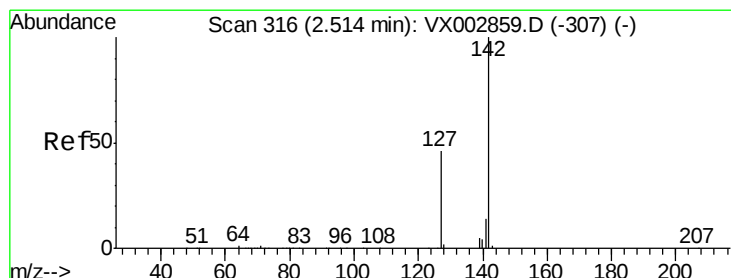
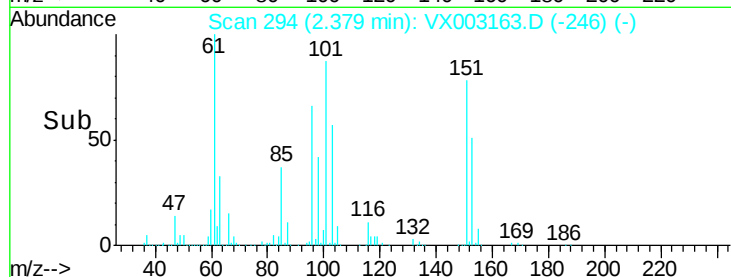
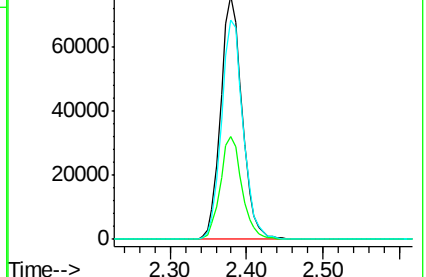
151 91.1 70.9 106.3



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: 46.97 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

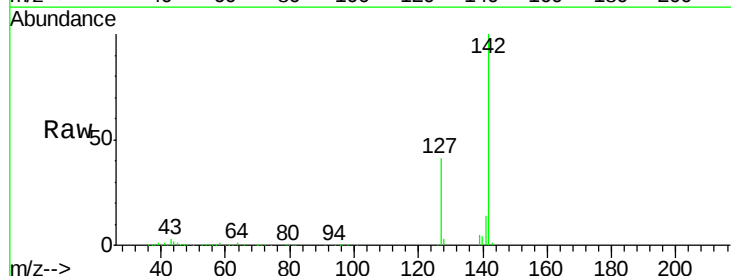
Tgt Ion:142 Resp: 137571

Ion Ratio Lower Upper

142 100

127 42.7 36.6 55.0

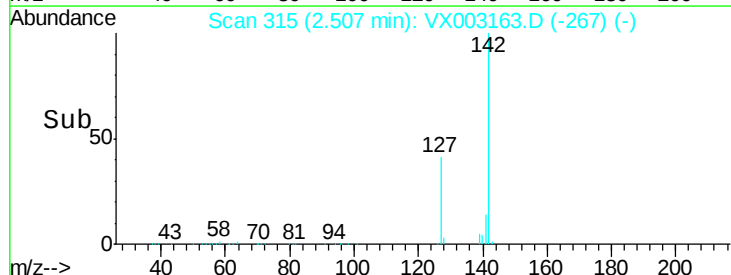
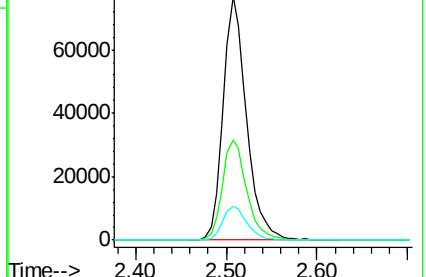
141 14.4 11.3 16.9

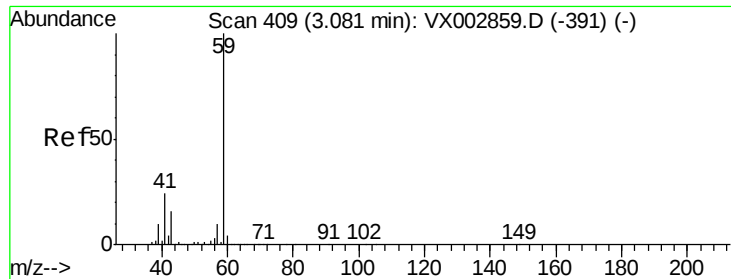


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

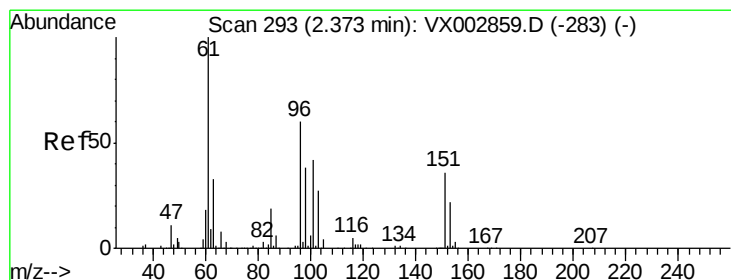
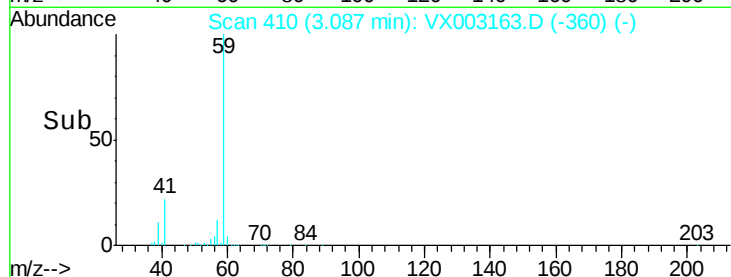
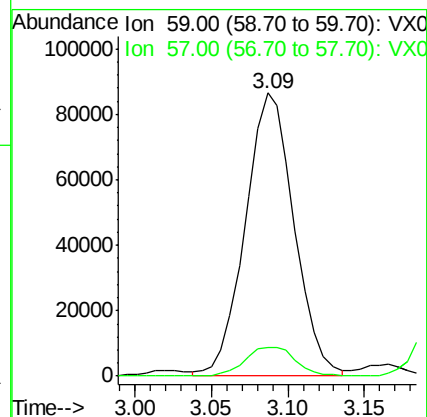
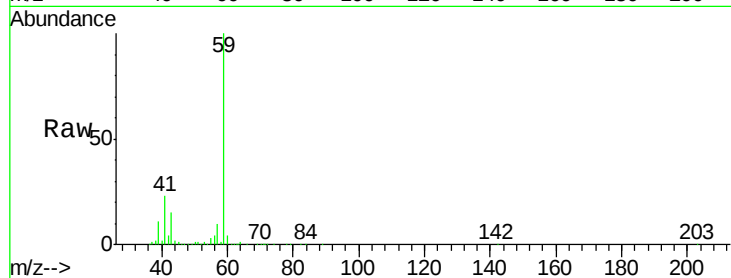




#11
Tert butyl alcohol
Concen: 264.08 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

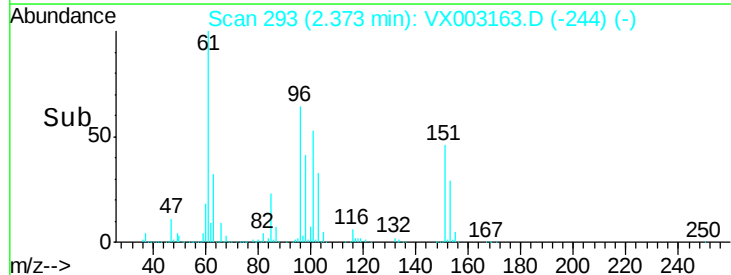
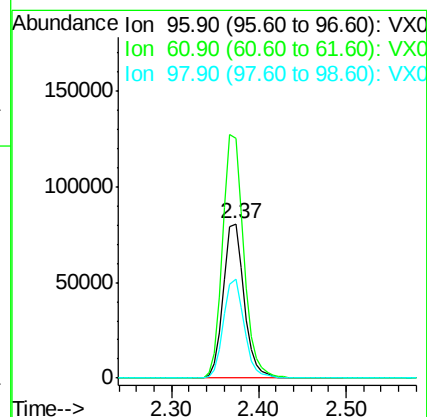
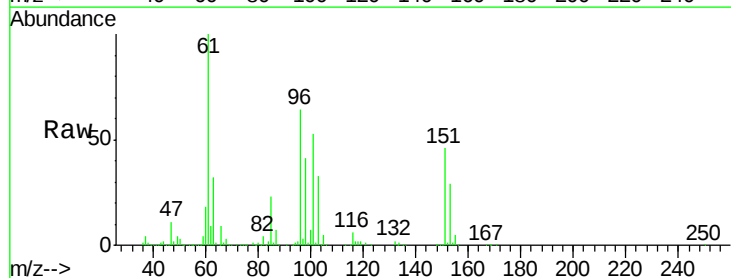
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 191755
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.16 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 96 Resp: 133070
Ion Ratio Lower Upper
96 100
61 155.6 137.9 206.9
98 64.3 51.6 77.4





#13

Acrolein

Concen: 150.29 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

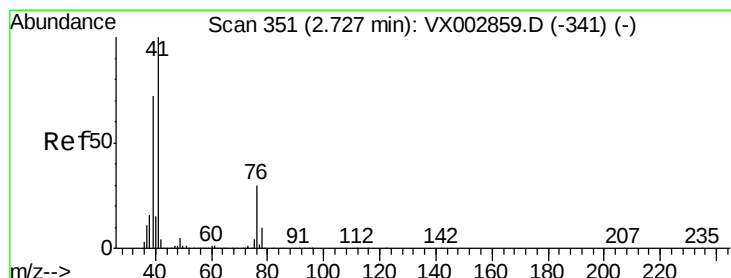
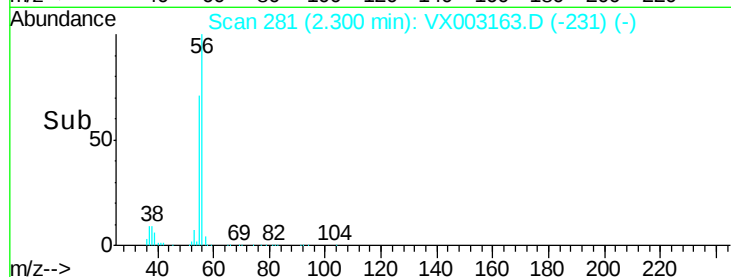
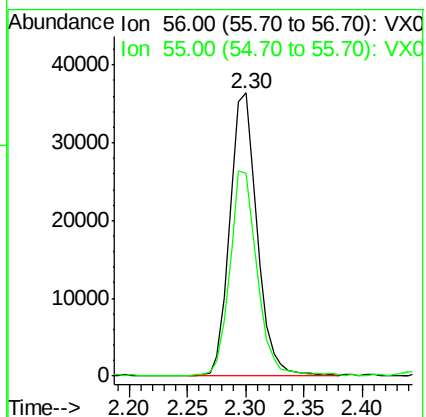
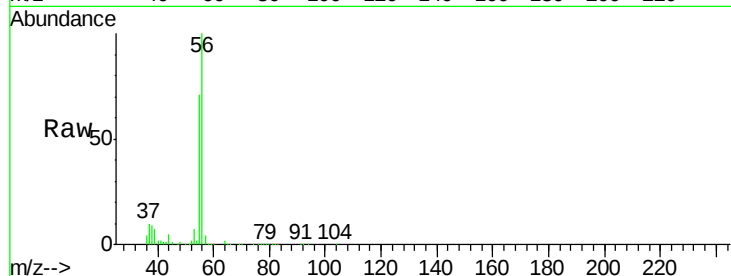
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 59812

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 50.36 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

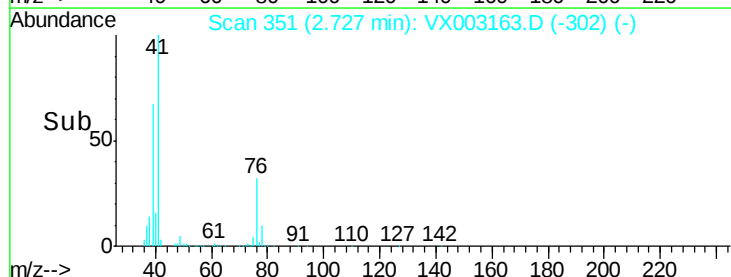
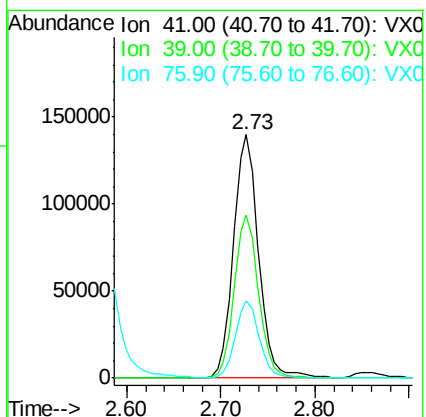
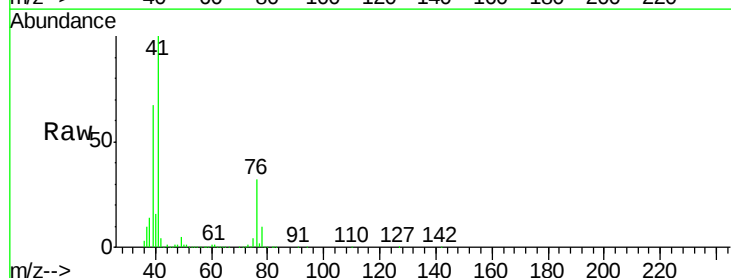
Tgt Ion: 41 Resp: 258184

Ion Ratio Lower Upper

41 100

39 65.0 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 275.69 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :
MSVOA_X
ClientSampled :

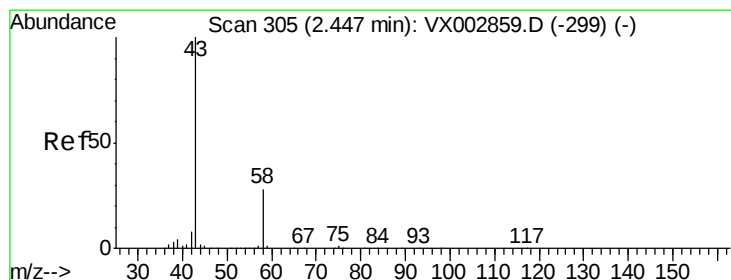
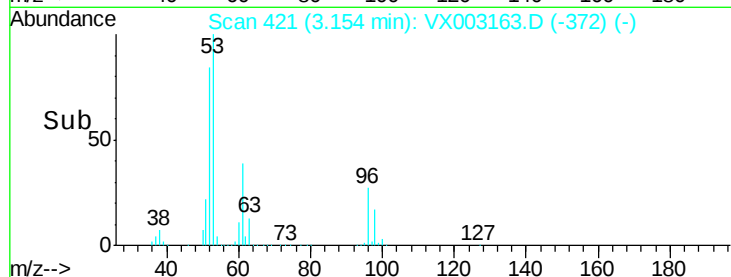
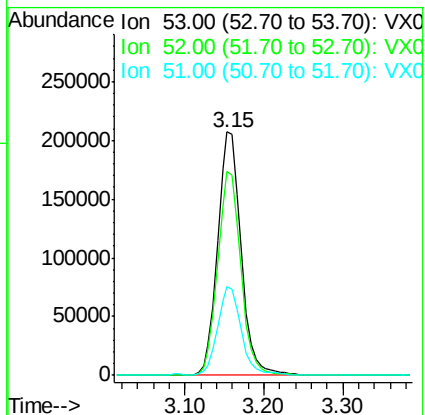
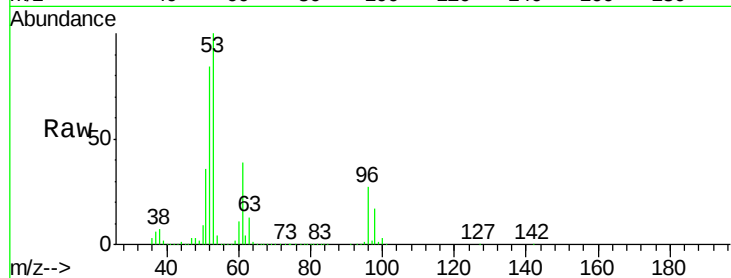
Tot Ion: 53 Resp: 427600

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

51 36.7 29.9 44.9



#16

Acetone

Concen: 256.79 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003163.D

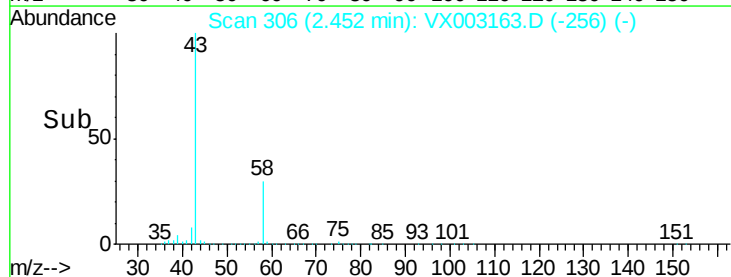
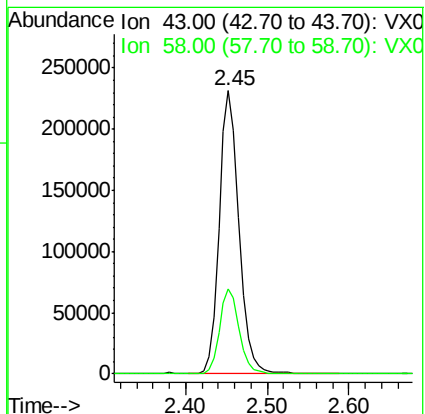
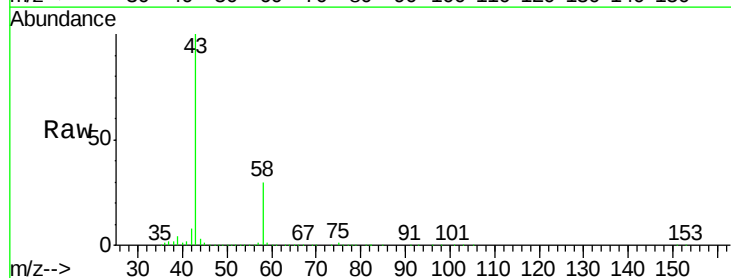
Acq: 03 Jul 2018 21:40

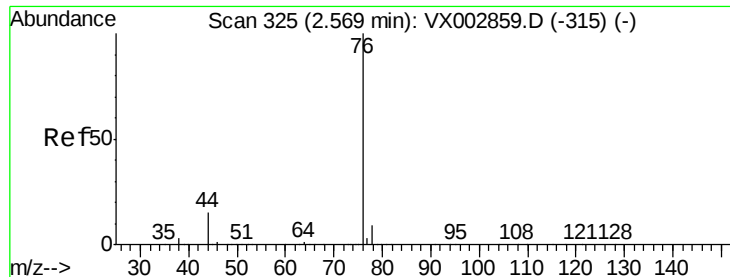
Tgt Ion: 43 Resp: 387634

Ion Ratio Lower Upper

43 100

58 30.1 22.1 33.1

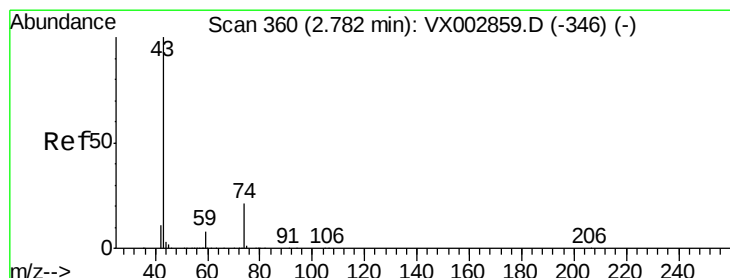
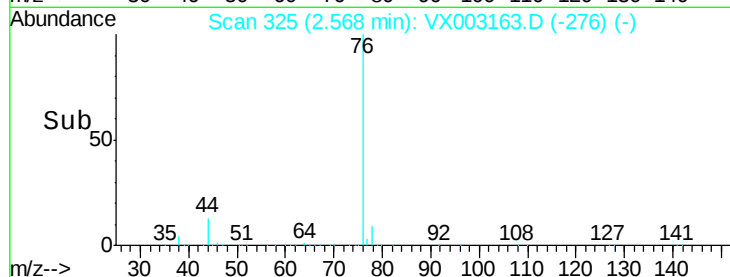
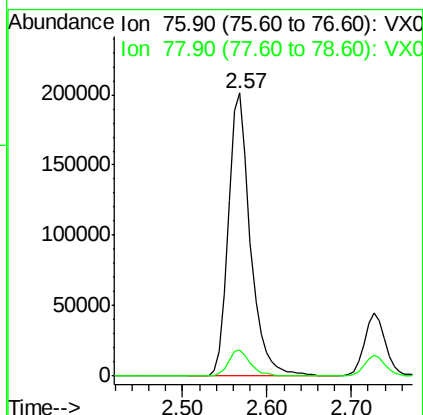
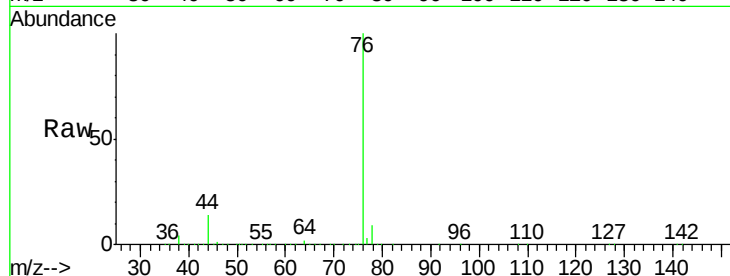




#17
Carbon Disulfide
Concen: 51.96 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

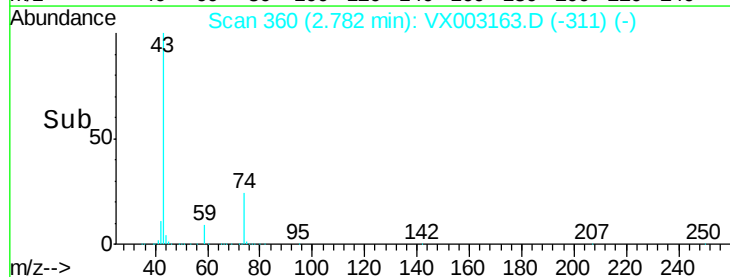
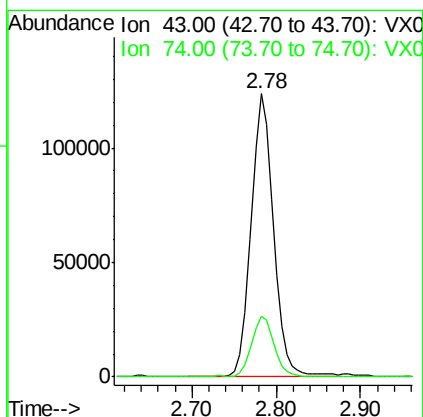
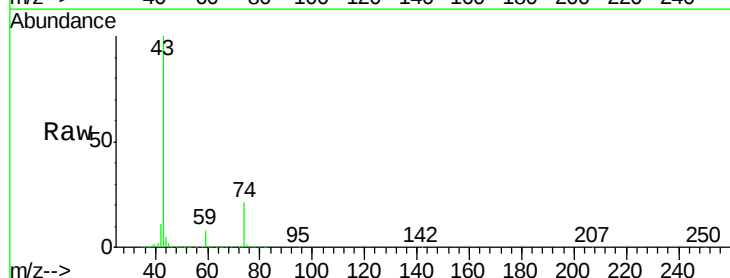
Instrument :
MSVOA_X
ClientSampleId :

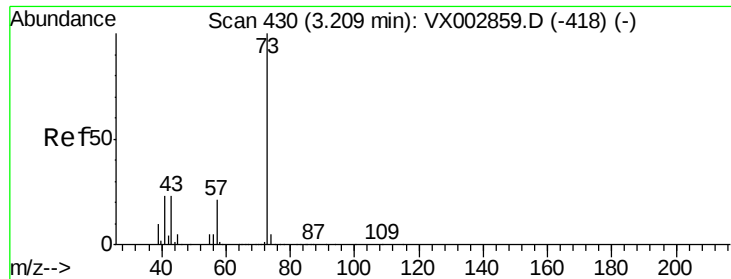
Tot Ion: 76 Resp: 360043
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 52.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 43 Resp: 220471
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1

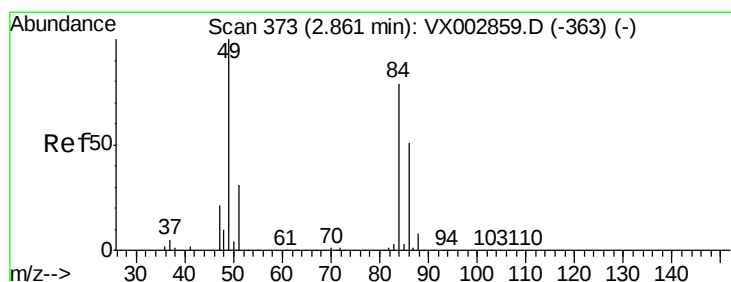
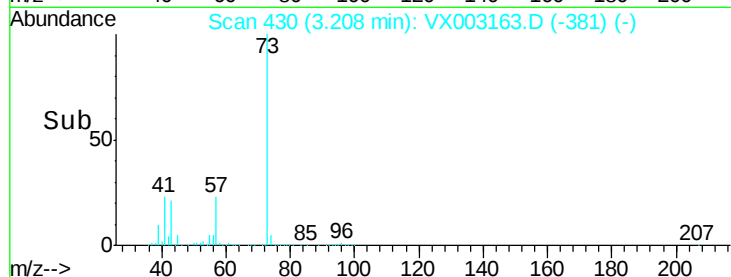
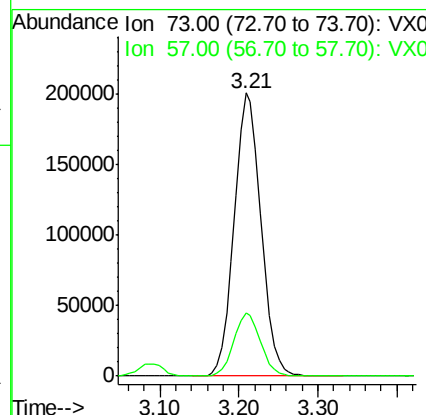
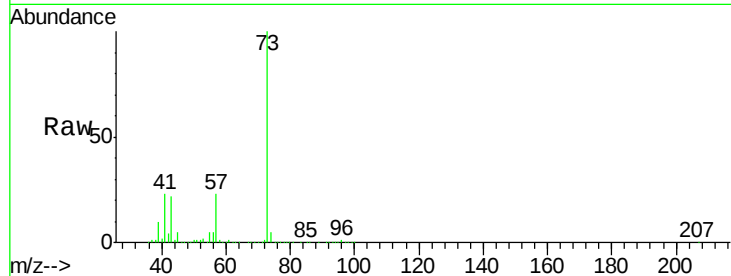




#19
Methyl tert-butyl Ether
Concen: 50.67 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

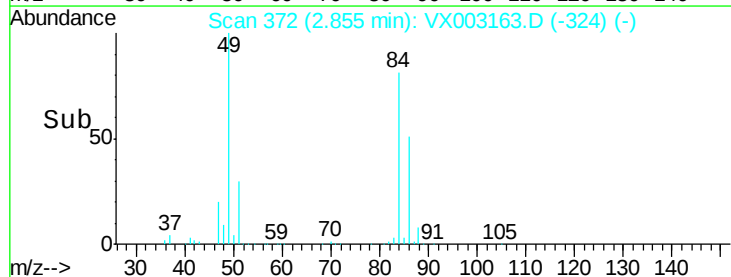
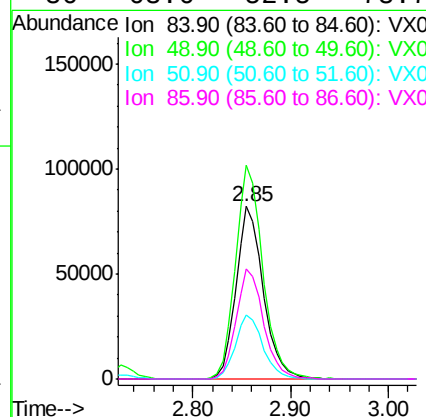
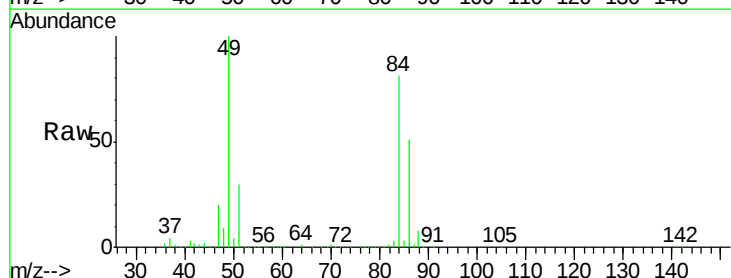
Instrument :
MSVOA_X
ClientSampleId :

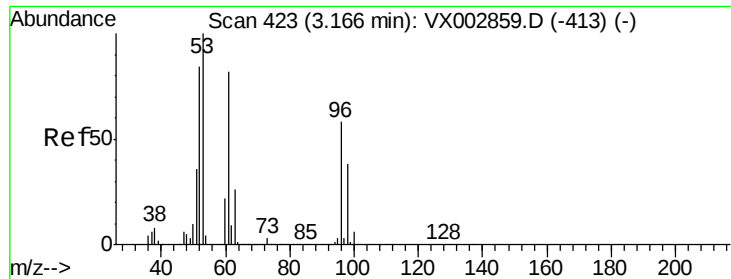
Tot Ion: 73 Resp: 473739
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 54.12 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 84 Resp: 158994
Ion Ratio Lower Upper
84 100
49 124.0 107.8 161.6
51 37.3 32.8 49.2
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.50 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :
MSVOA_X
ClientSampleId :

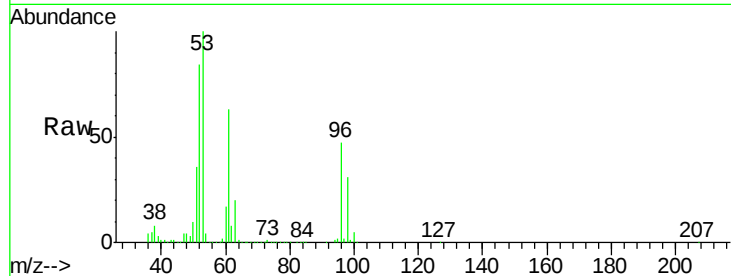
Tot Ion: 96 Resp: 143061

Ion Ratio Lower Upper

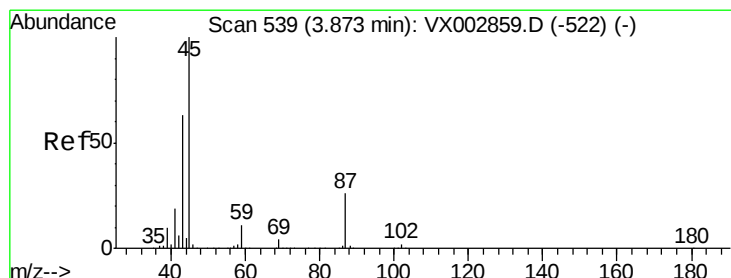
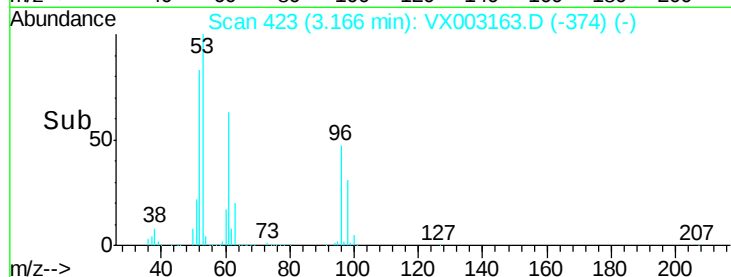
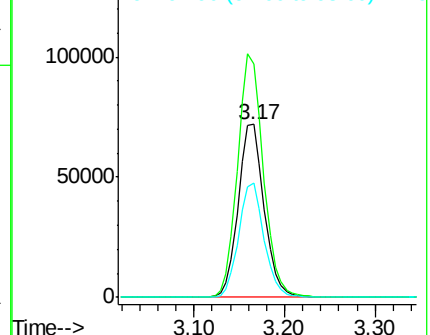
96 100

61 135.2 117.0 175.4

98 65.9 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: 50.37 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Tgt Ion: 45 Resp: 493591

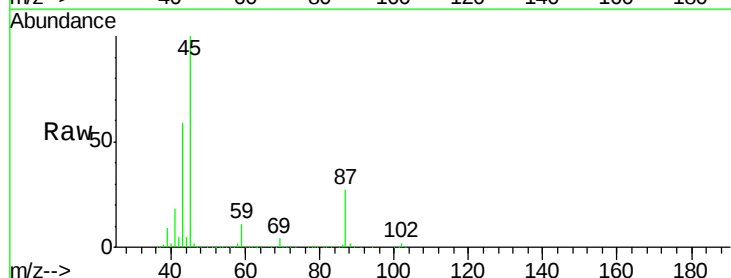
Ion Ratio Lower Upper

45 100

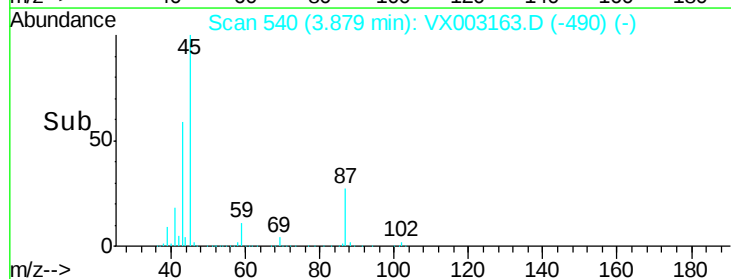
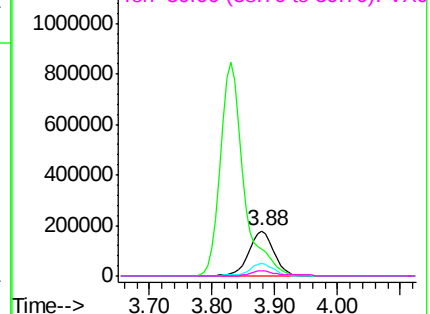
43 58.8 46.8 70.2

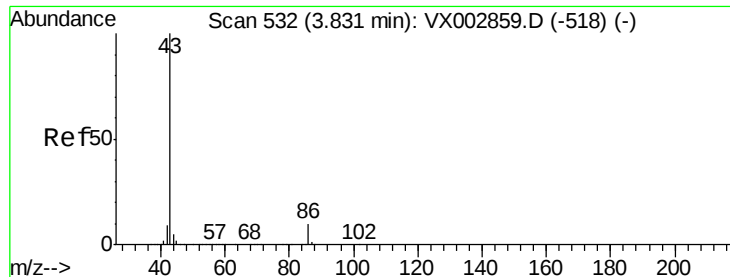
87 27.3 20.2 30.4

59 11.0 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: 262.44 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

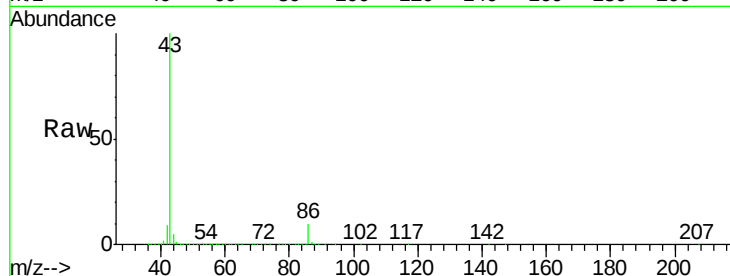
ClientSampleId :

Tot Ion: 43 Resp: 2177827

Ion Ratio Lower Upper

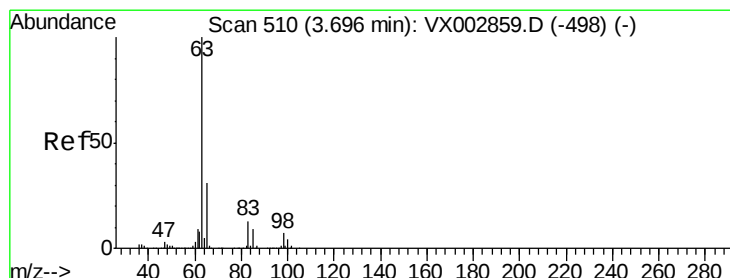
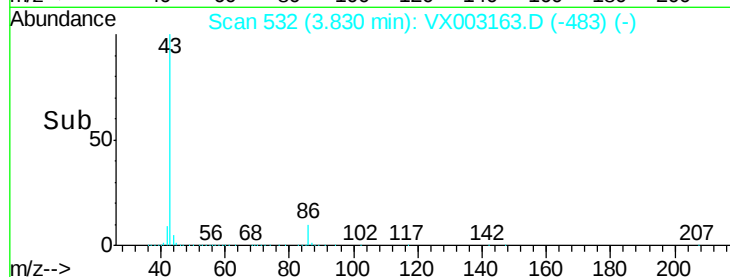
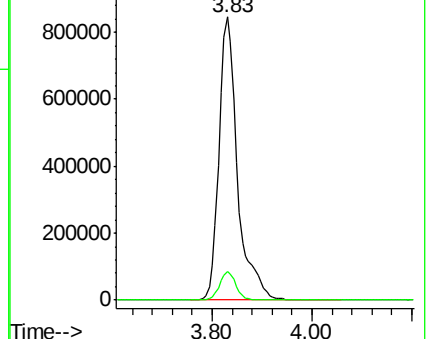
43 100

86 10.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.68 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

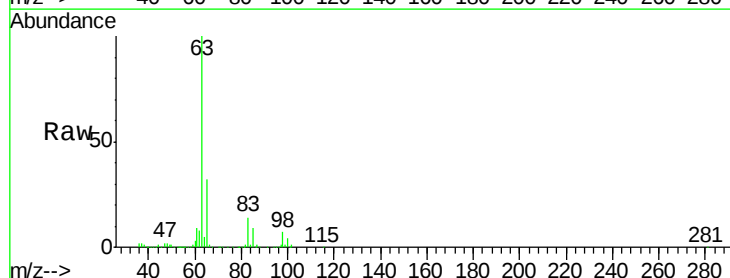
Tgt Ion: 63 Resp: 269938

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

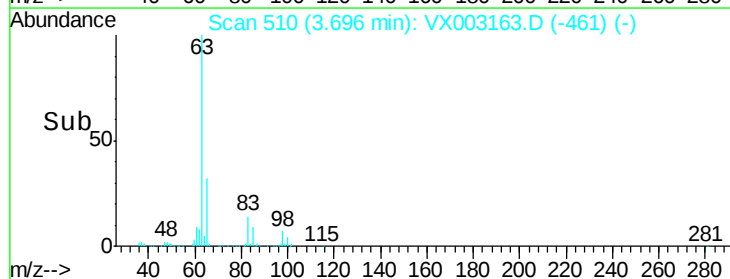
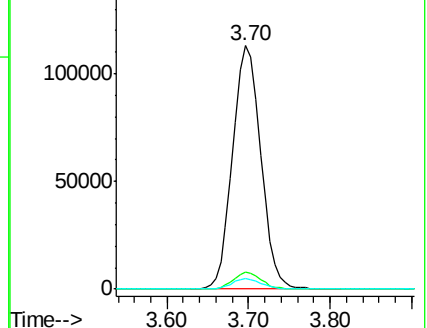
100 4.3 2.0 6.0

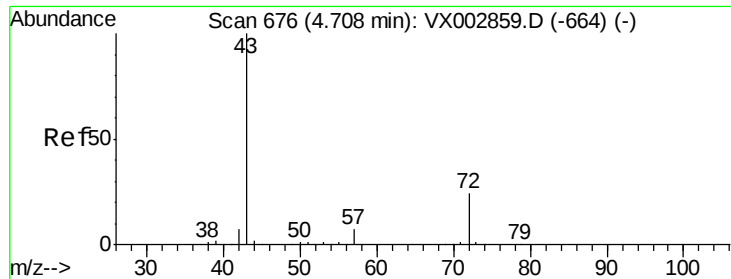


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 284.12 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

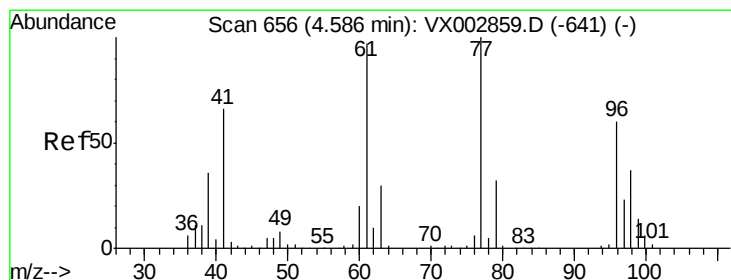
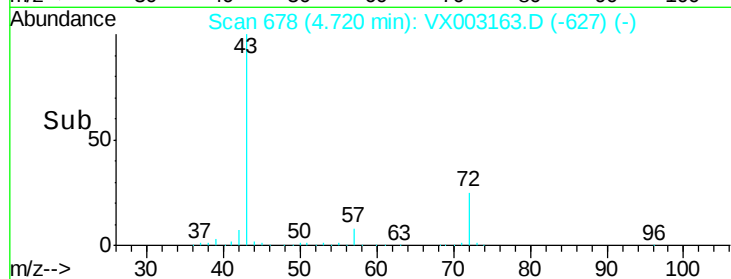
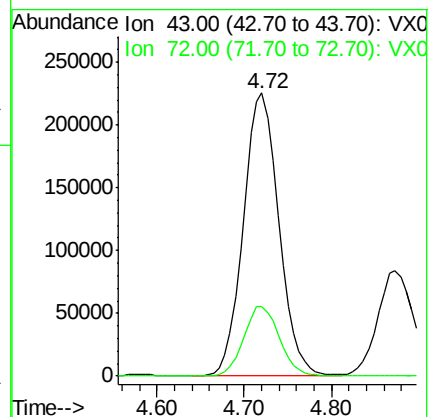
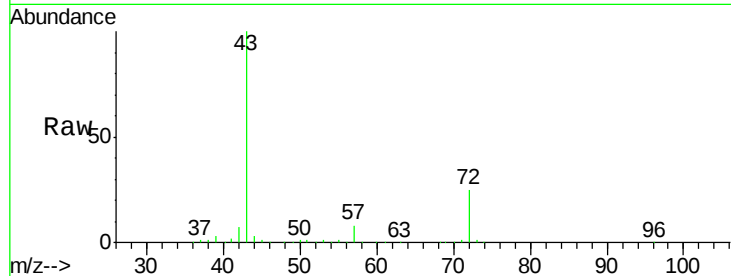
ClientSampled :

Tot Ion: 43 Resp: 636507

Ion Ratio Lower Upper

43 100

72 24.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 36.98 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003163.D

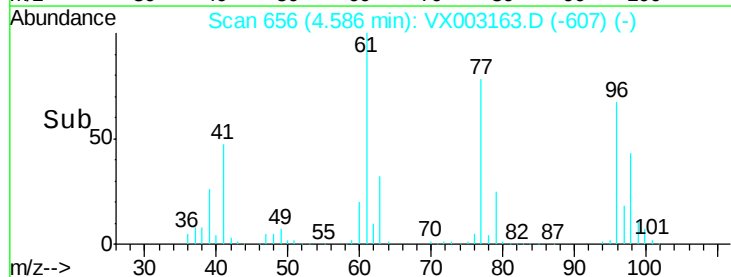
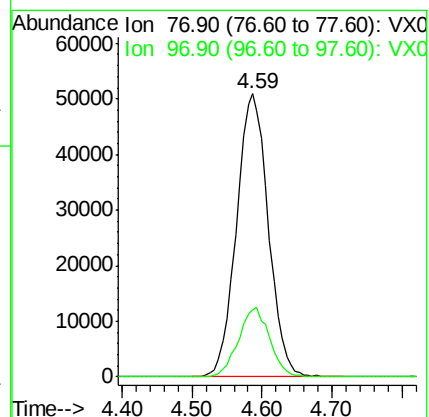
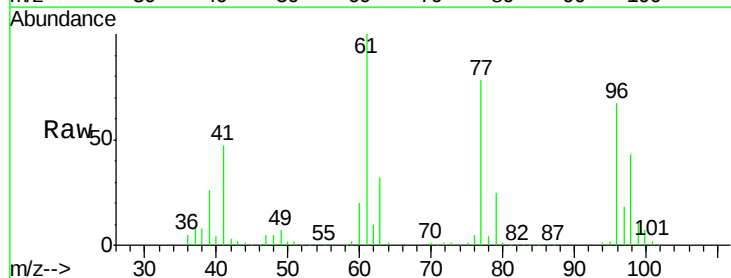
Acq: 03 Jul 2018 21:40

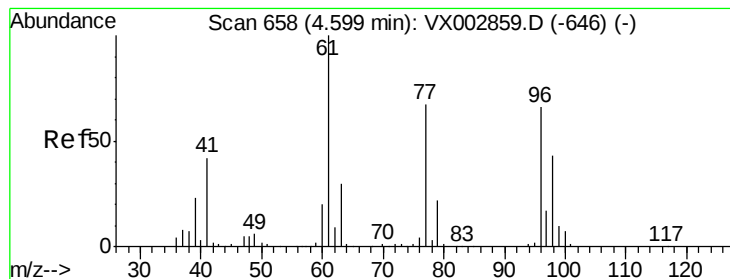
Tgt Ion: 77 Resp: 160174

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 52.86 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

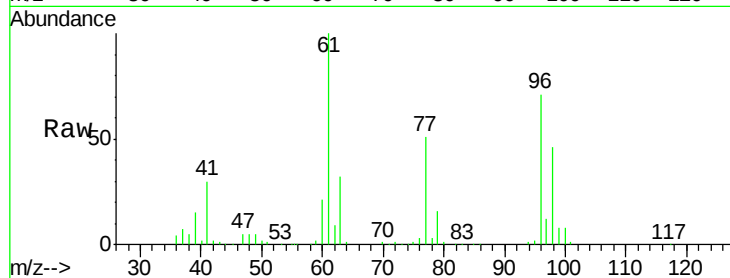
Tot Ion: 96 Resp: 167902

Ion Ratio Lower Upper

96 100

61 153.6 0.0 330.2

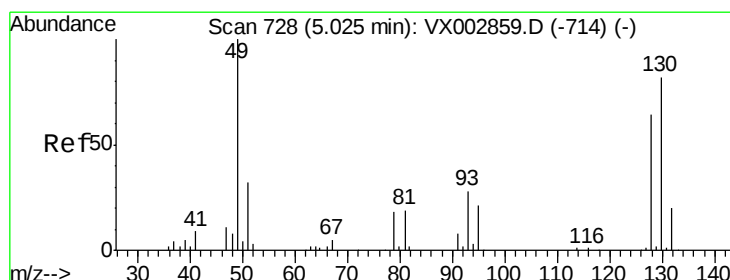
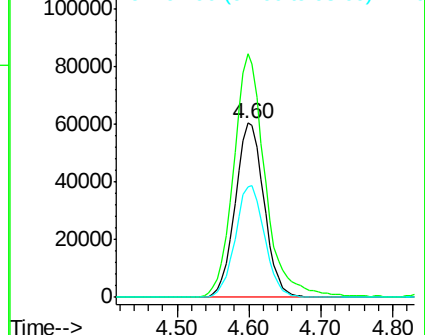
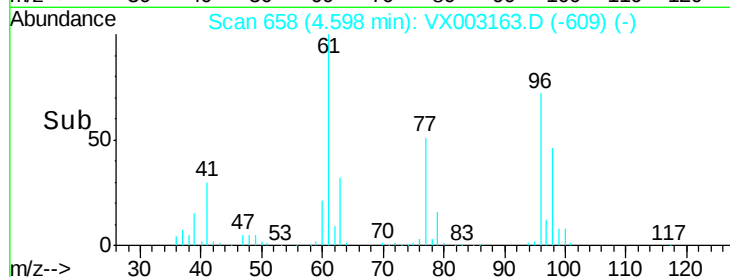
98 65.2 0.0 130.2



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: 51.04 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

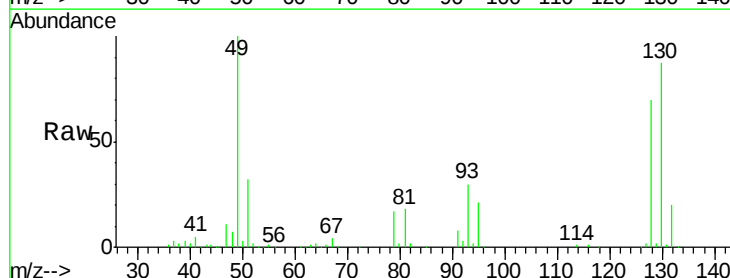
Tgt Ion: 49 Resp: 130125

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

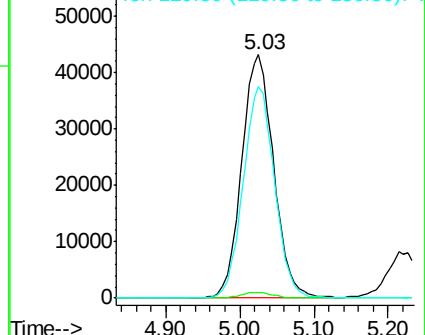
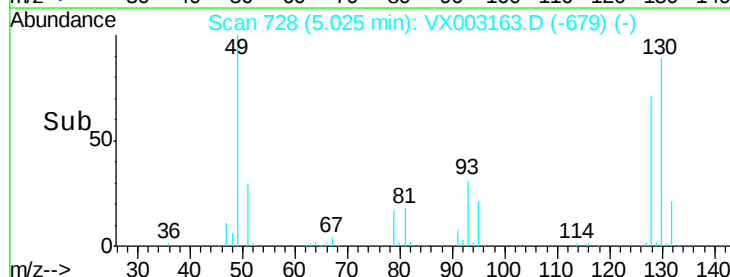
130 85.4 61.2 91.8

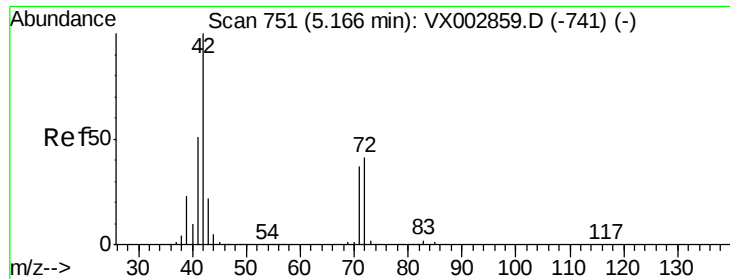


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

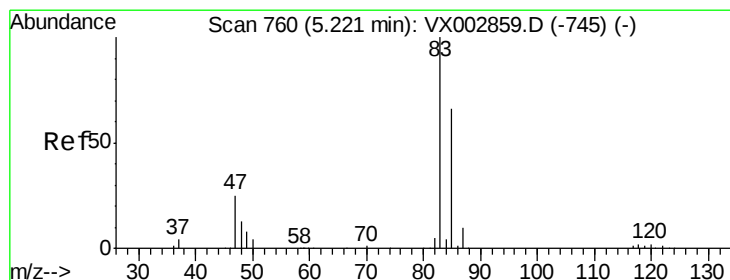
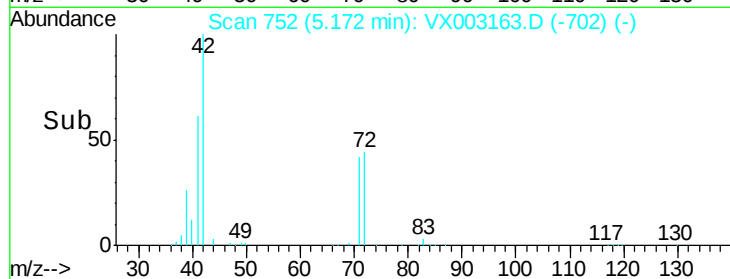
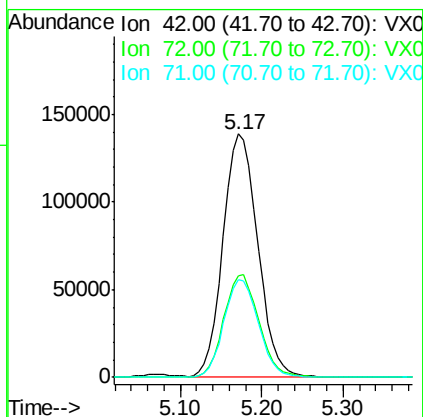
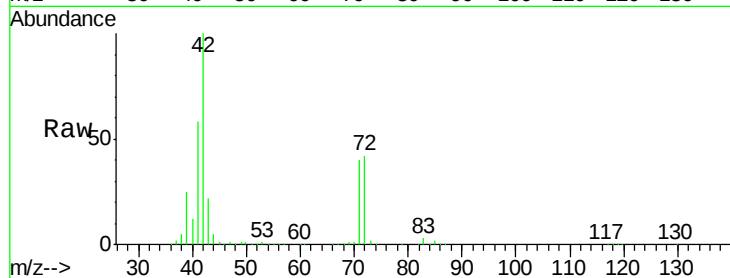




#29
Tetrahydrofuran
Concen: 284.16 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

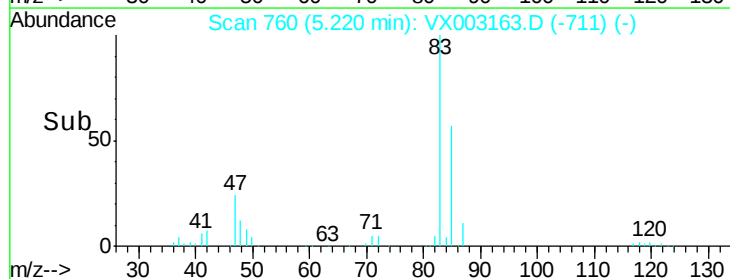
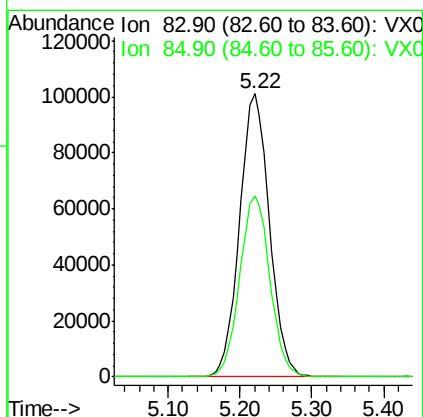
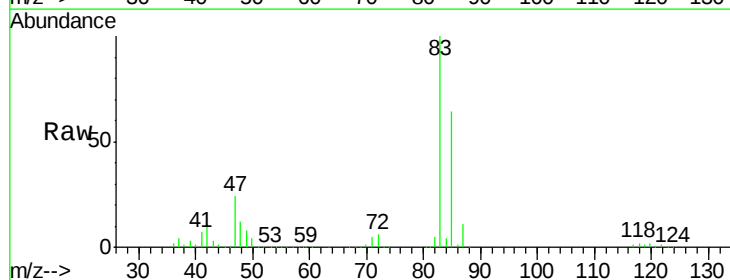
Instrument :
MSVOA_X
ClientSampleId :

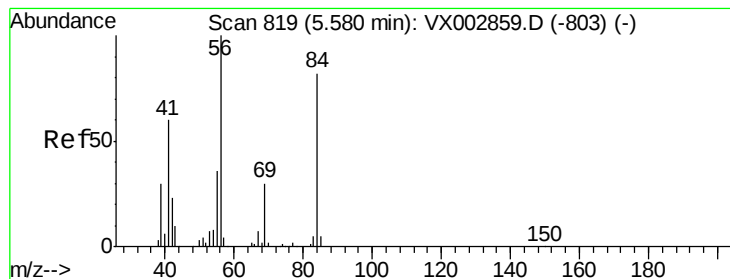
Tot Ion: 42 Resp: 408246
Ion Ratio Lower Upper
42 100
72 42.8 32.0 48.0
71 40.2 30.1 45.1



#30
Chloroform
Concen: 53.32 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 83 Resp: 291473
Ion Ratio Lower Upper
83 100
85 63.8 50.4 75.6





#31

Cyclohexane

Concen: 53.10 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

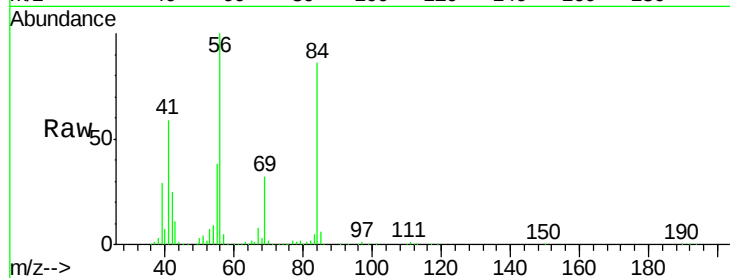
Tot Ion: 56 Resp: 242754

Ion Ratio Lower Upper

56 100

69 31.7 23.7 35.5

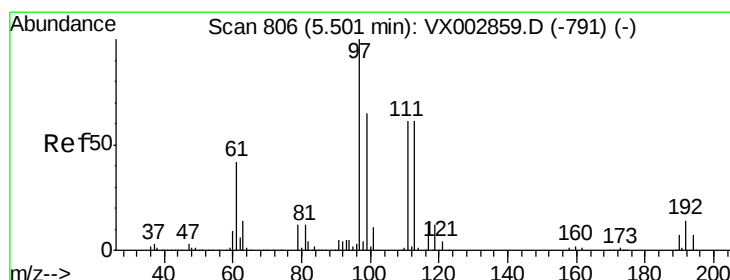
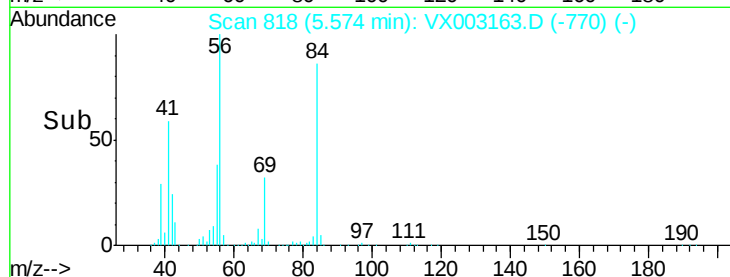
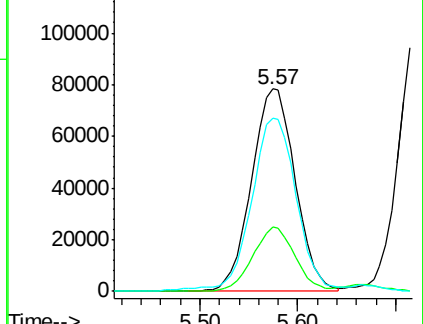
84 84.2 64.1 96.1



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: 53.47 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

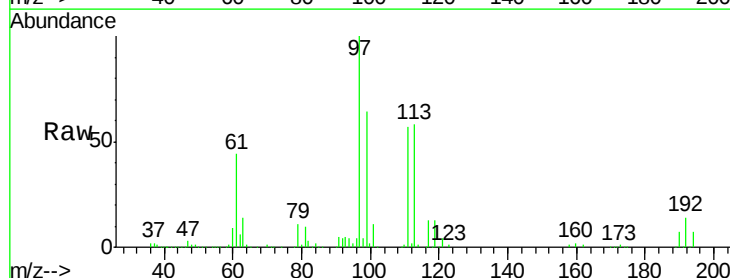
Tgt Ion: 97 Resp: 257152

Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

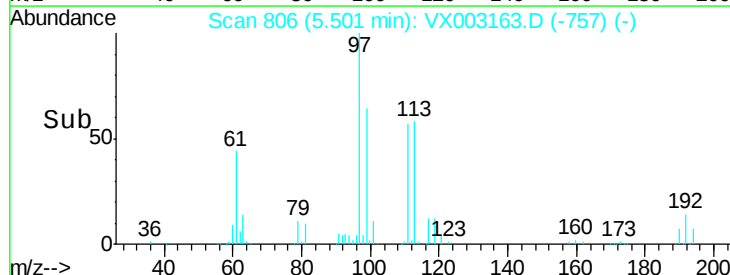
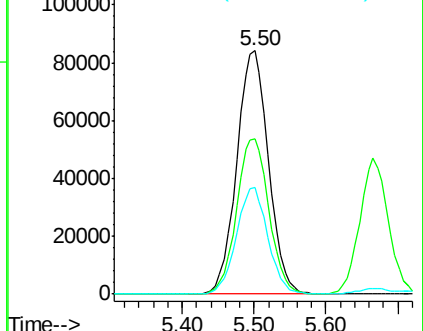
61 43.5 36.4 54.6



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

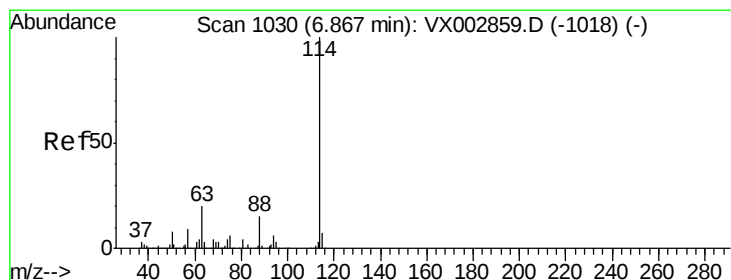
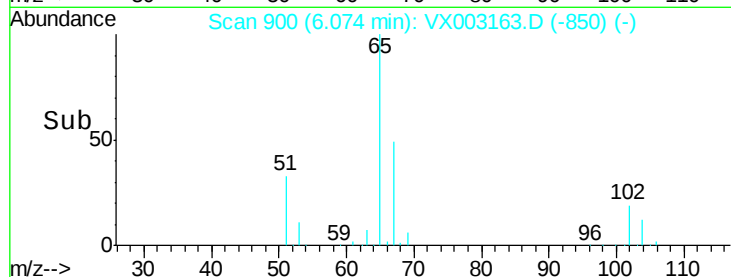
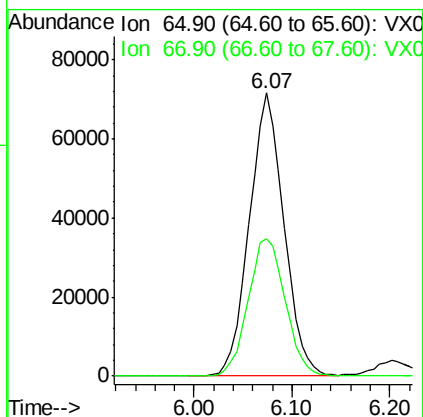
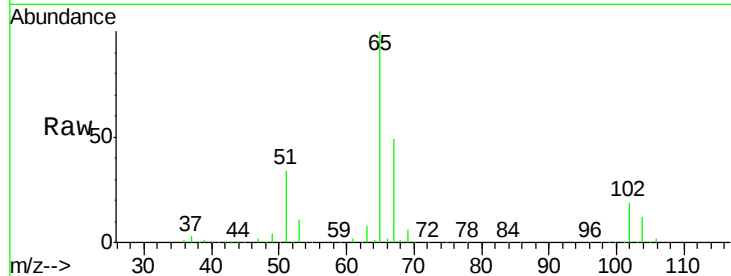




#33
 1,2-Dichloroethane-d4
 Concen: 48.15 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

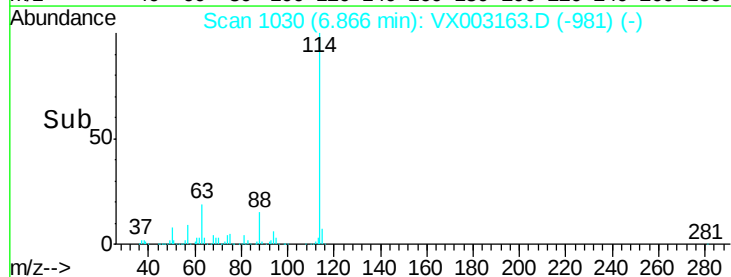
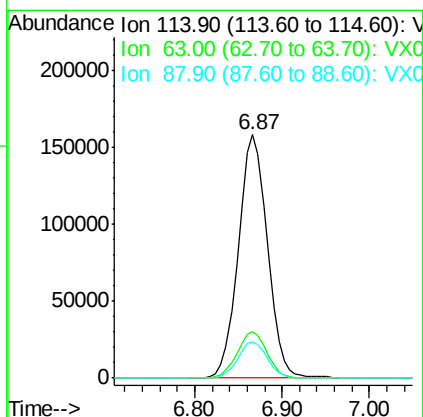
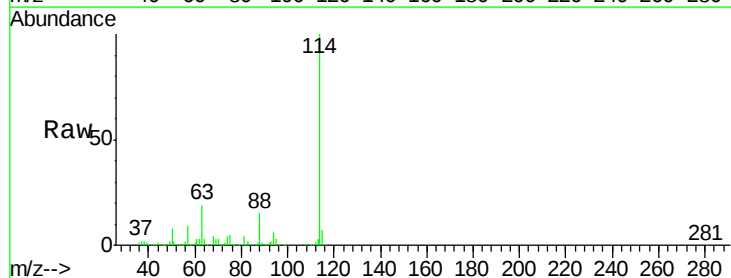
Instrument :
 MSVOA_X
 ClientSampleId :

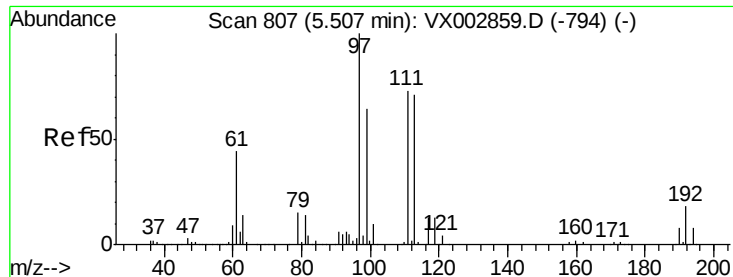
Tot Ion: 65 Resp: 175517
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

Tgt Ion: 114 Resp: 364933
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 14.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.53 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

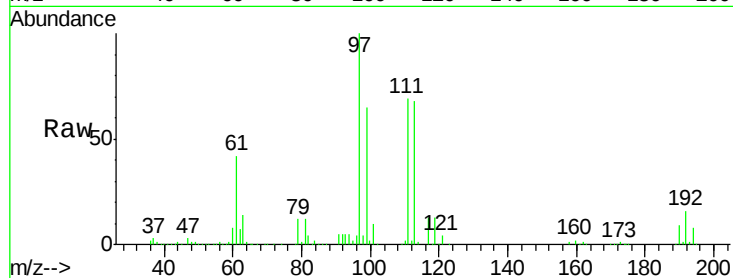
Tot Ion:113 Resp: 148926

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

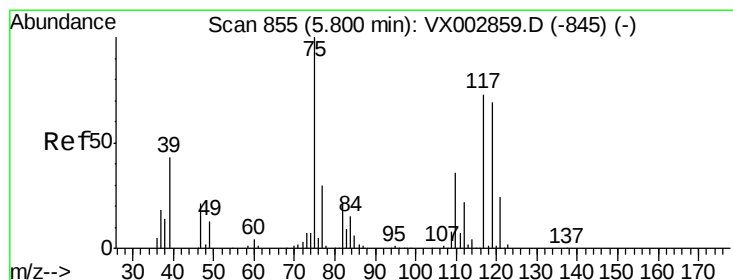
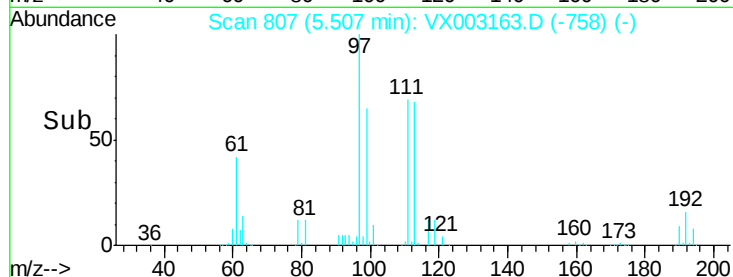
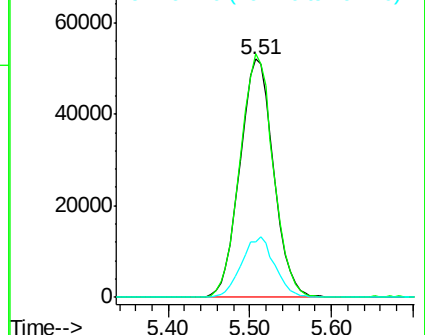
192 25.0 19.1 28.7



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: 52.46 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

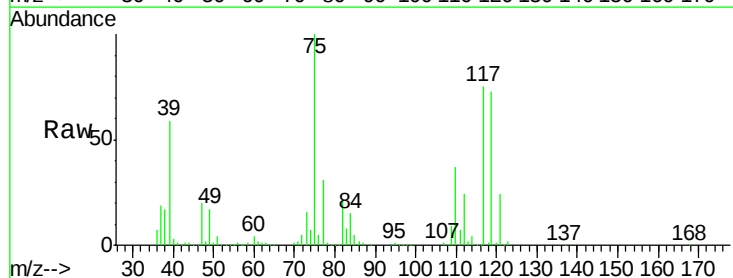
Tgt Ion: 75 Resp: 209929

Ion Ratio Lower Upper

75 100

110 37.5 18.1 54.4

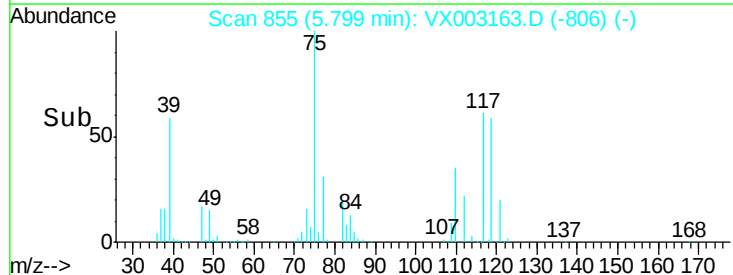
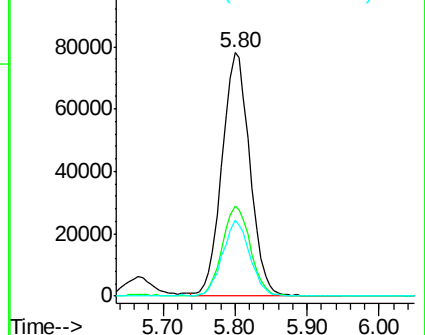
77 30.1 24.3 36.5

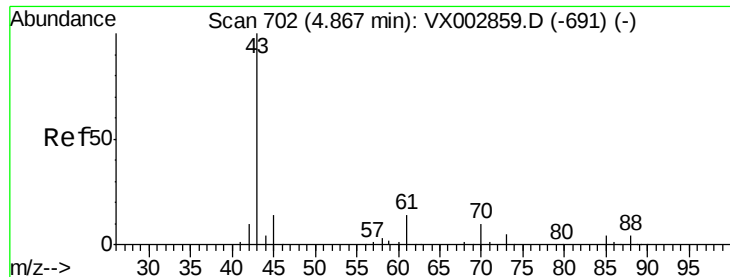


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

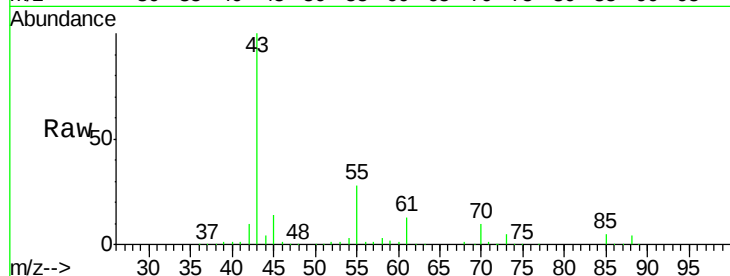




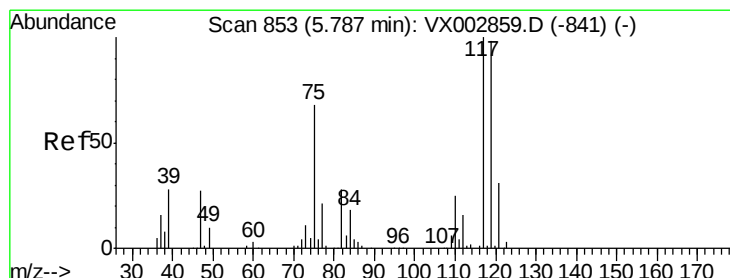
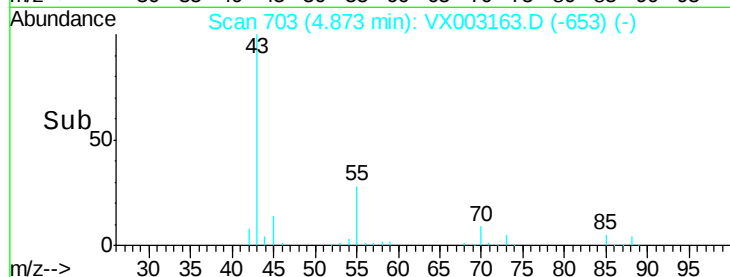
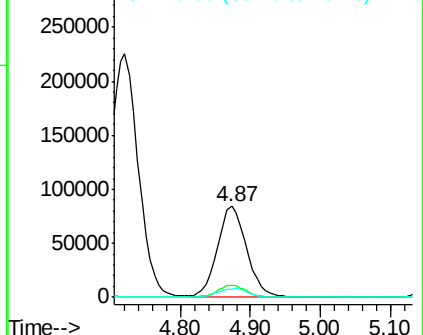
#37
Ethyl Acetate
Concen: 56.58 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 243796
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 10.0 7.6 11.4

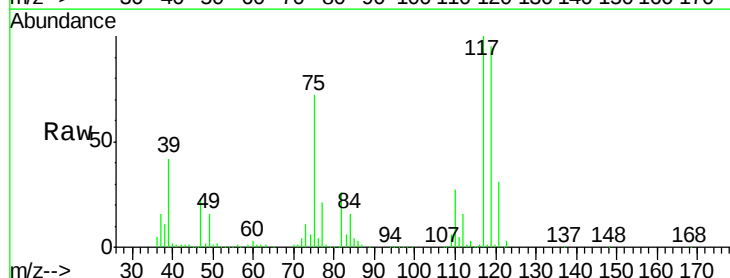


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

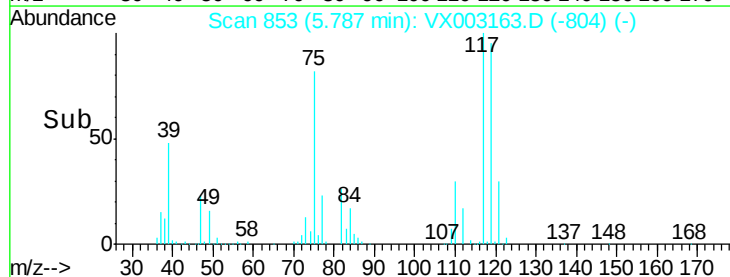
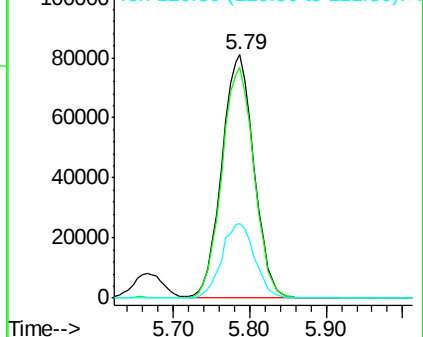


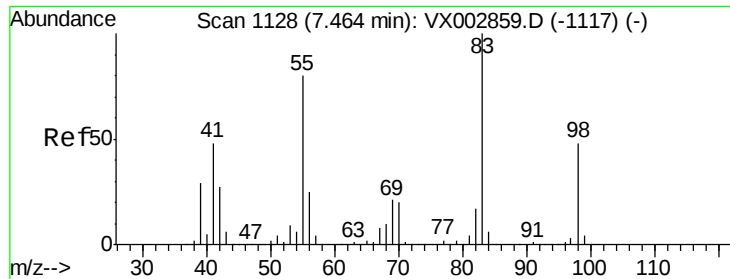
#38
Carbon Tetrachloride
Concen: 53.51 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 117 Resp: 234978
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
121 30.6 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

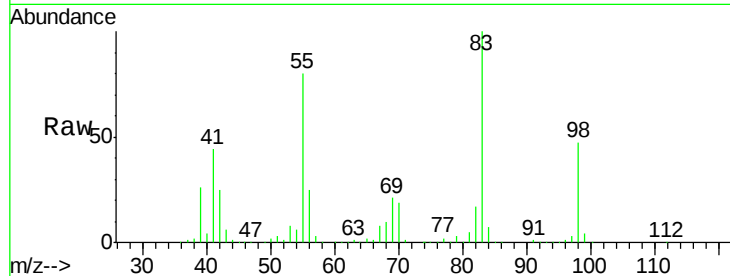




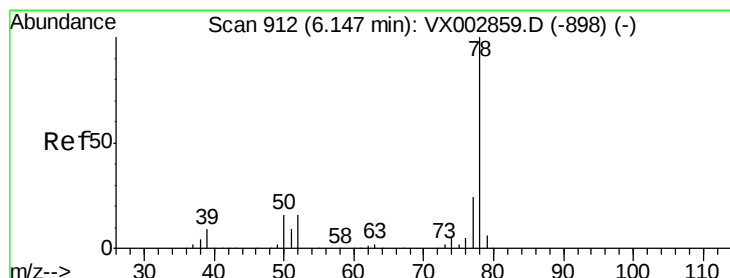
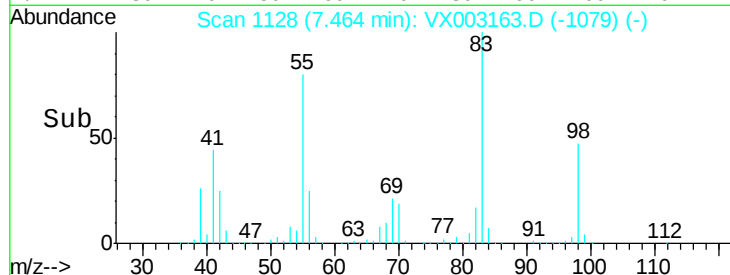
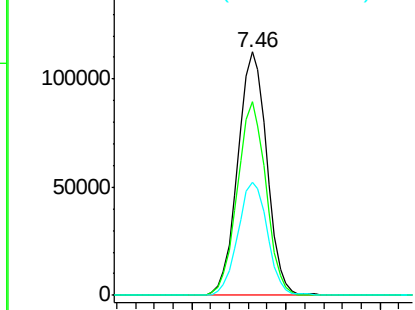
#39
Methvlcvclohexane
Concen: 52.20 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 243311
Ion Ratio Lower Upper
83 100
55 79.8 65.4 98.0
98 46.7 37.4 56.0

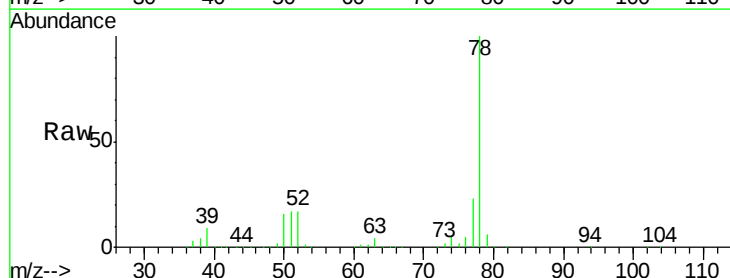


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

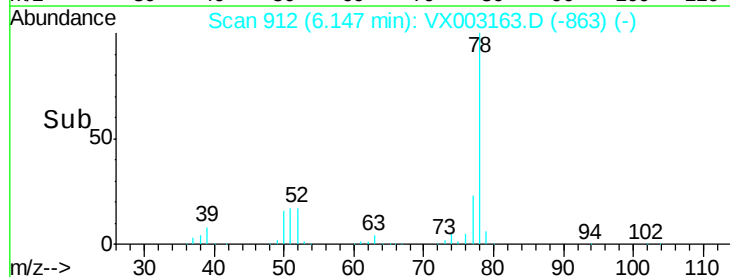
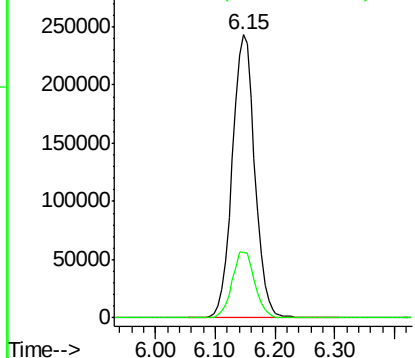


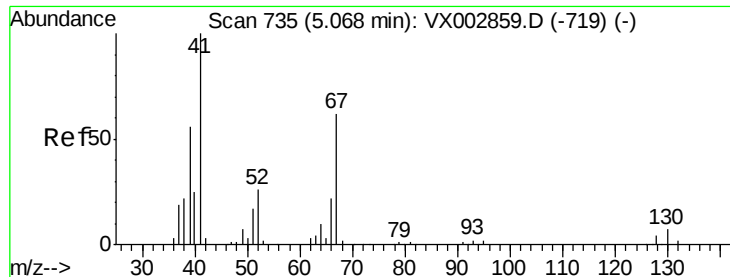
#40
Benzene
Concen: 54.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 78 Resp: 637456
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

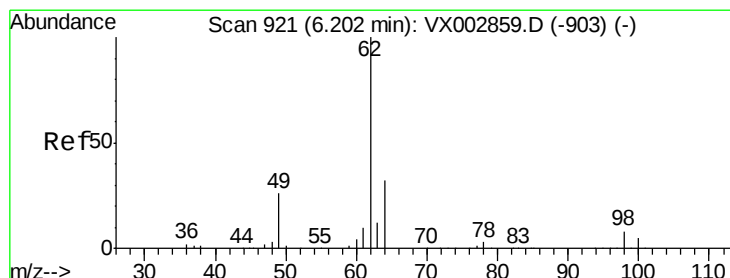
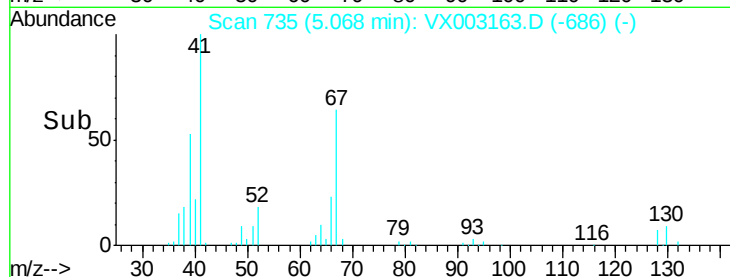
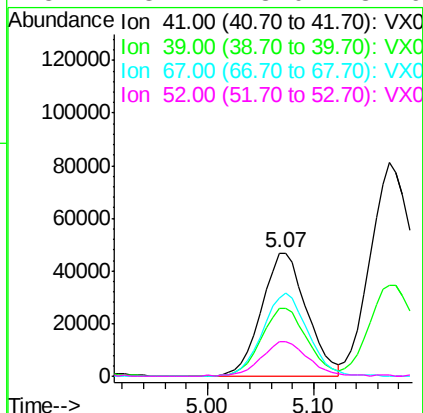
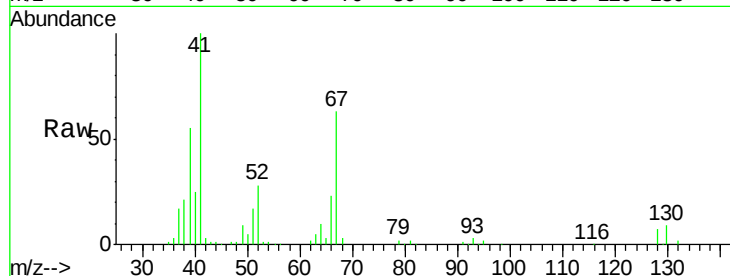




#41
Methacrylonitrile
Concen: 55.27 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

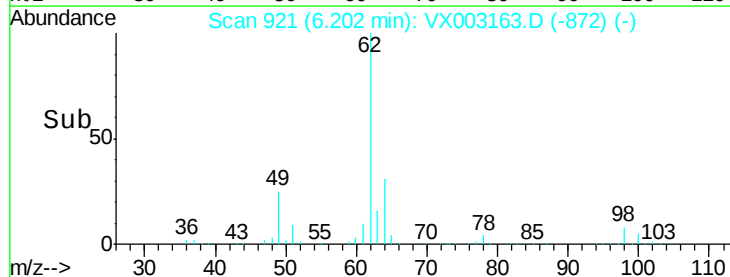
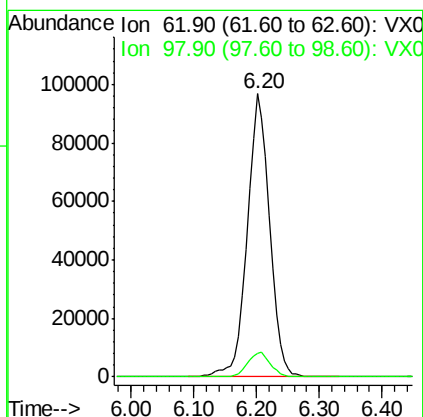
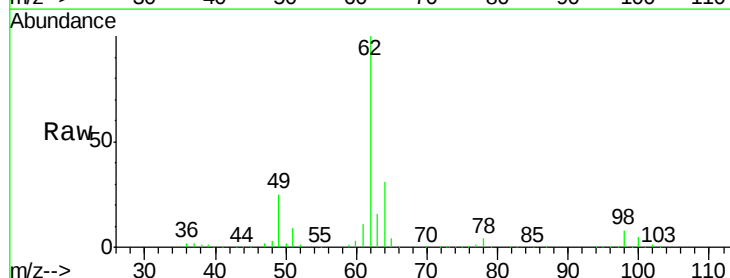
Instrument :
MSVOA_X
ClientSampled :

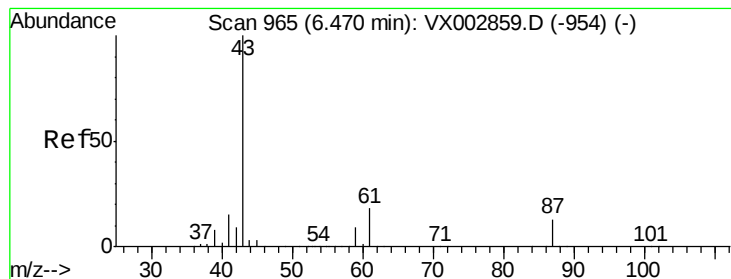
Tot Ion:	41	Resp:	137149
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.8	68.6
67	67.5	51.3	76.9
52	28.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 50.61 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion:	62	Resp:	237726
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6



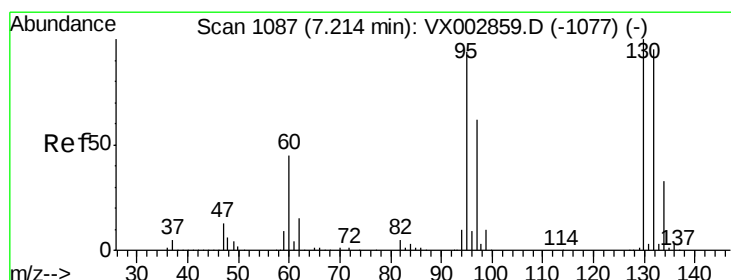
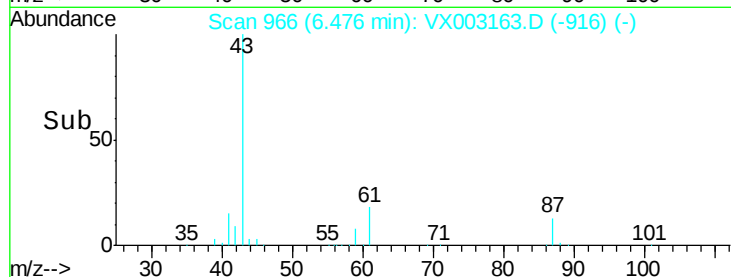
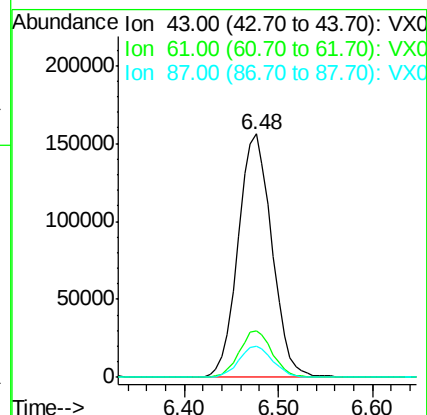
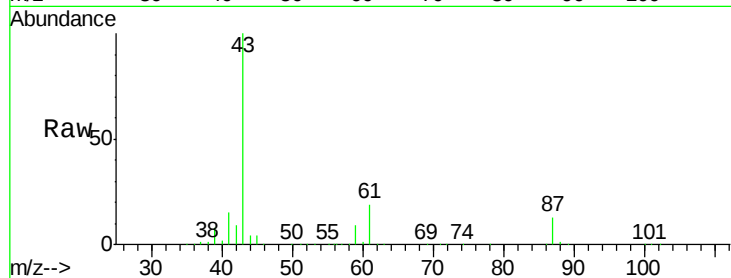


#43

Isopropyl Acetate
 Concen: 53.56 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

Instrument :
 MSVOA_X
 ClientSampleId :

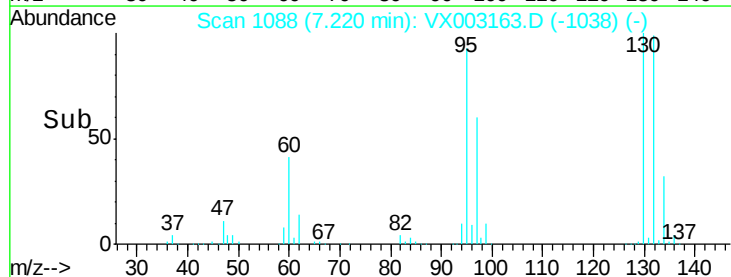
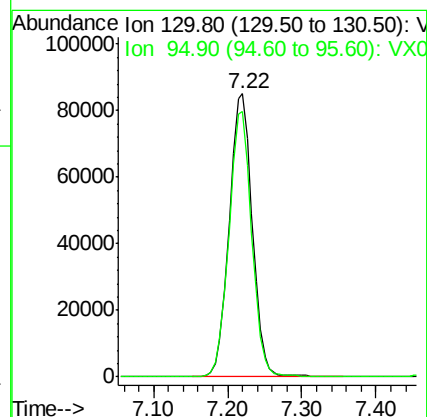
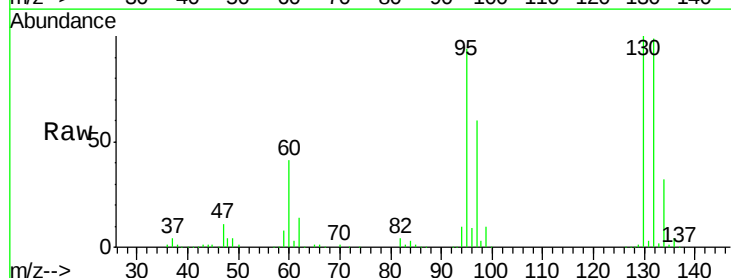
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.4	21.6
87	12.8	9.5	14.3



#44

Trichloroethene
 Concen: 53.05 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	185.4

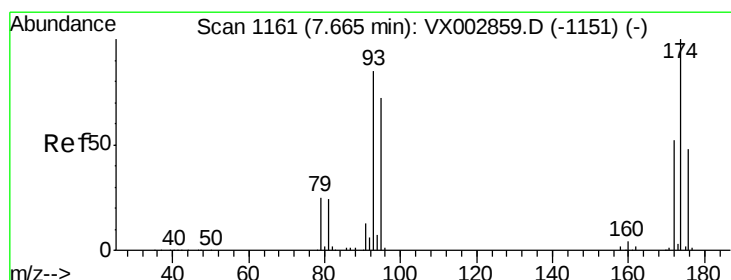
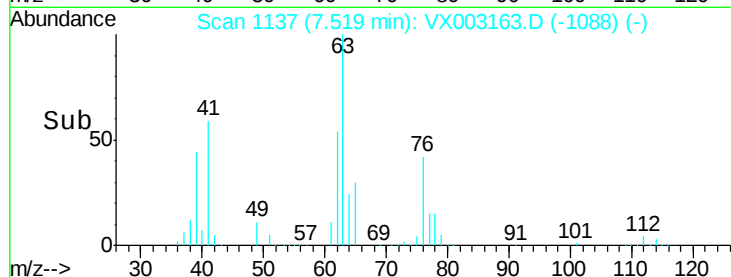
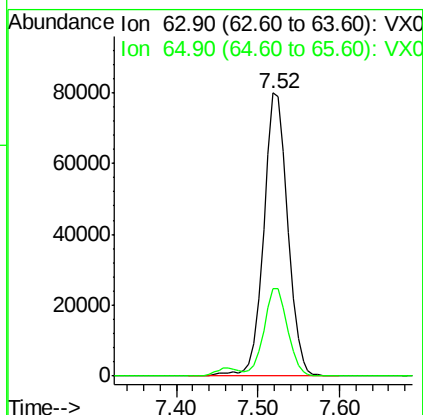
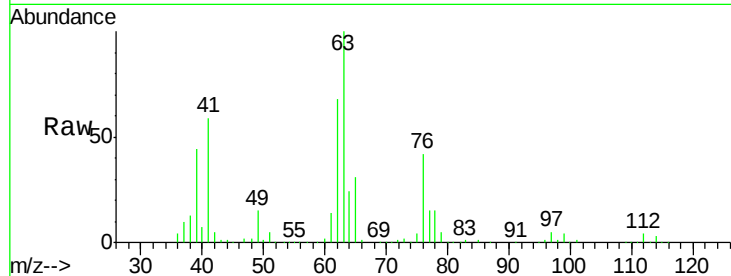




#45
1,2-Dichloropropane
Concen: 53.09 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

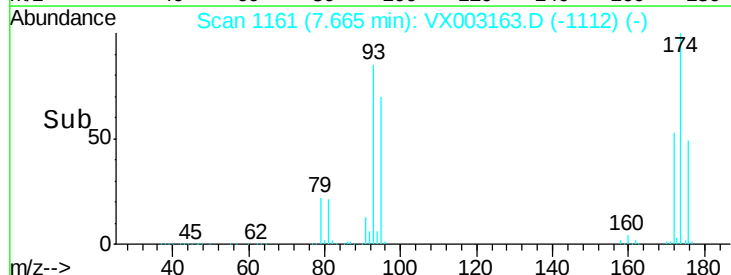
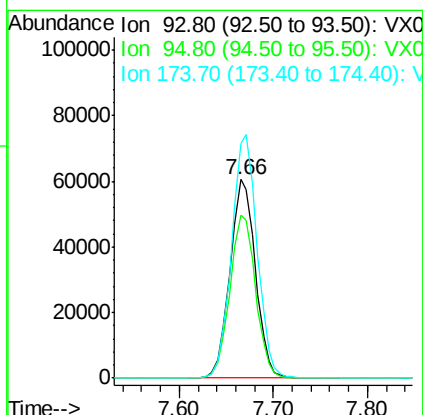
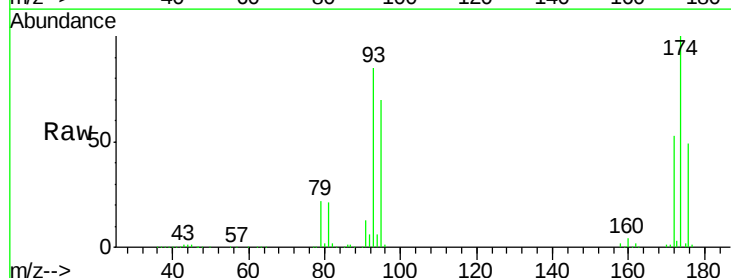
Instrument :
MSVOA_X
ClientSampleId :

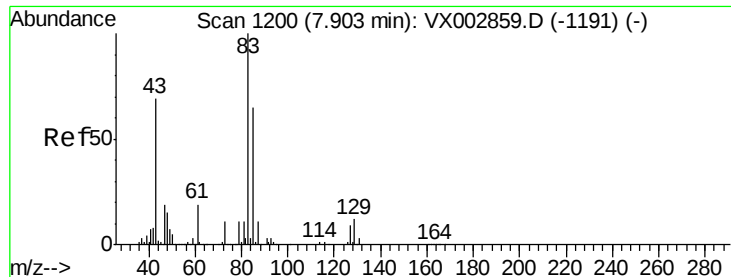
Tot Ion: 63 Resp: 163768
Ion Ratio Lower Upper
63 100
65 30.7 24.7 37.1



#46
Dibromomethane
Concen: 53.13 ug/l
RT: 7.66 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 93 Resp: 113725
Ion Ratio Lower Upper
93 100
95 82.9 65.9 98.9
174 122.8 92.4 138.6





#47

Bromodichloromethane

Concen: 54.90 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

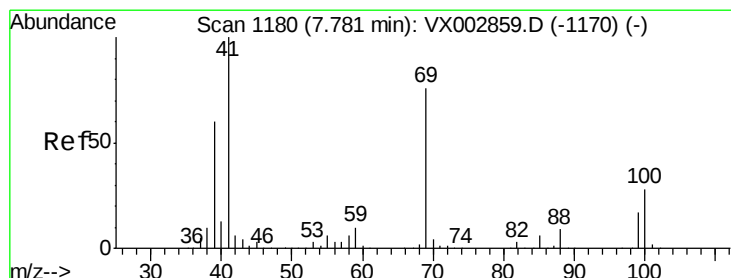
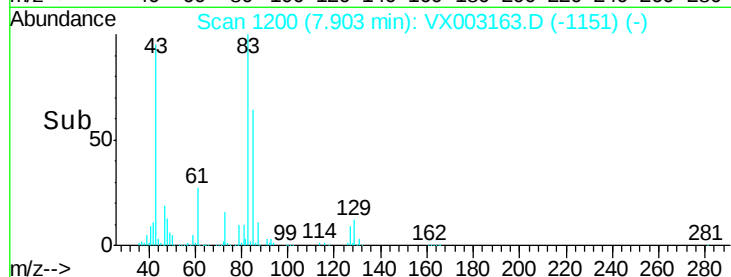
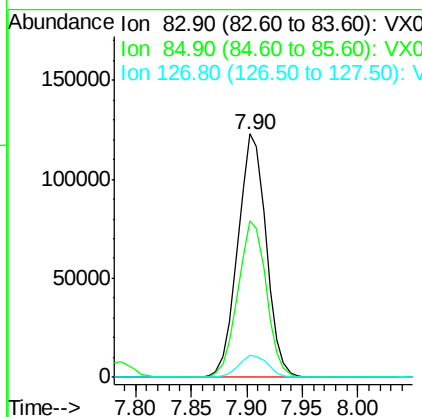
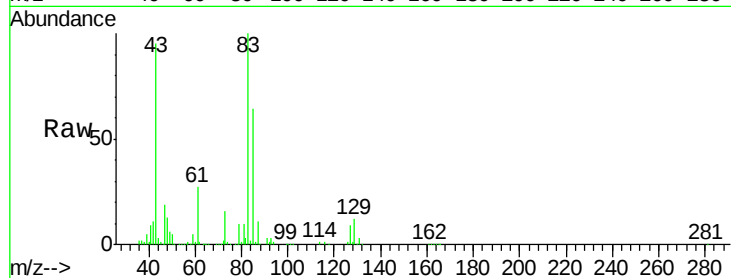
Tot Ion: 83 Resp: 217259

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 54.75 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

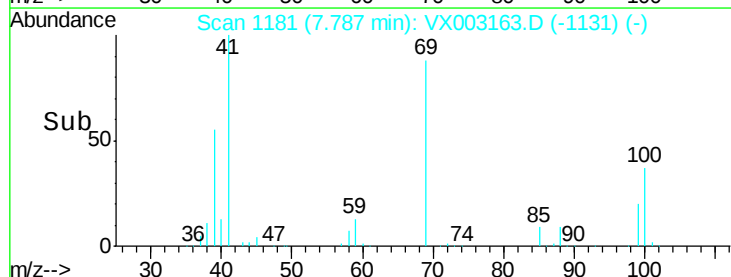
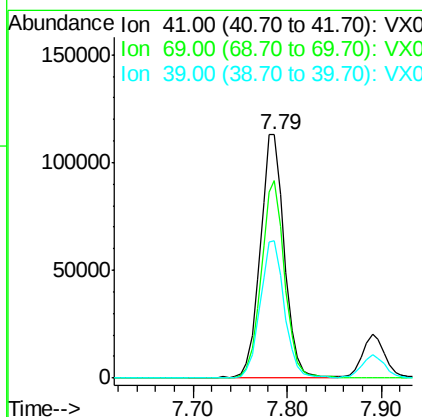
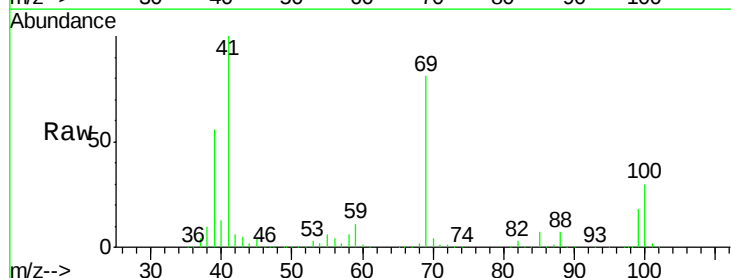
Tgt Ion: 41 Resp: 203856

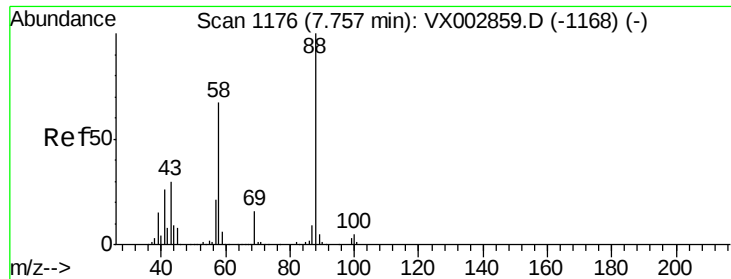
Ion Ratio Lower Upper

41 100

69 78.7 59.1 88.7

39 56.5 48.9 73.3

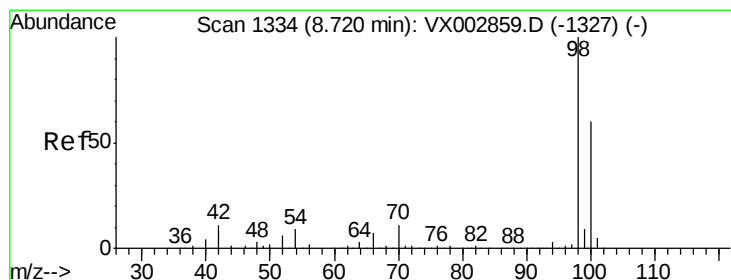
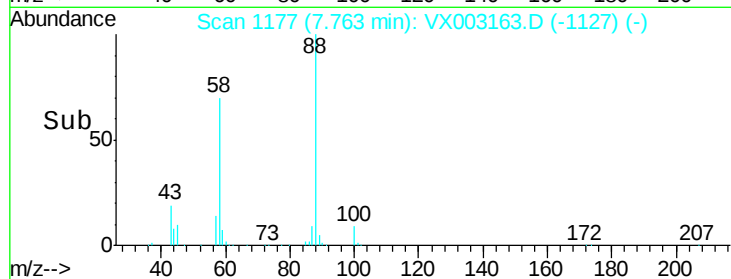
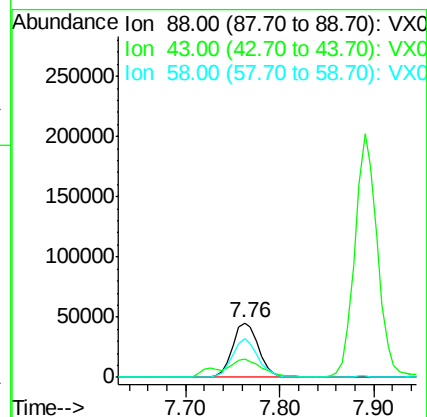
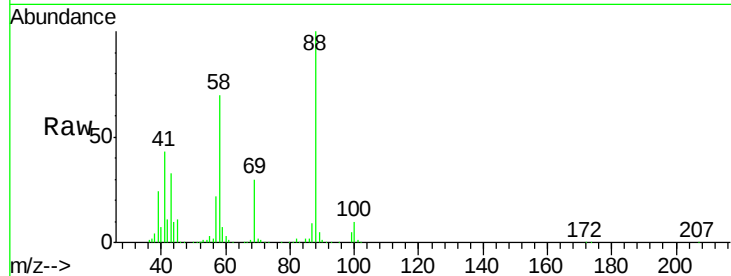




#49
1,4-Dioxane
Concen: 1200.70 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

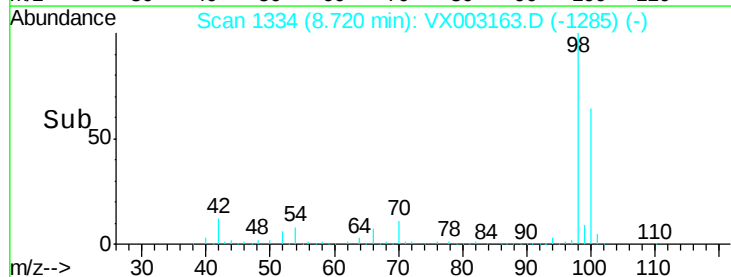
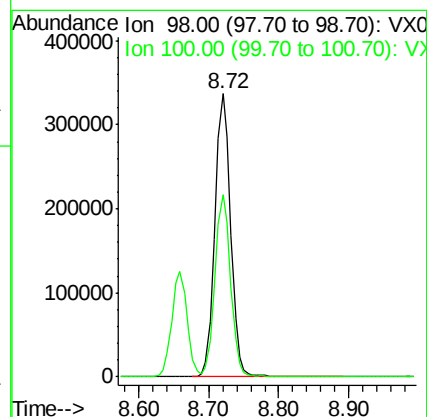
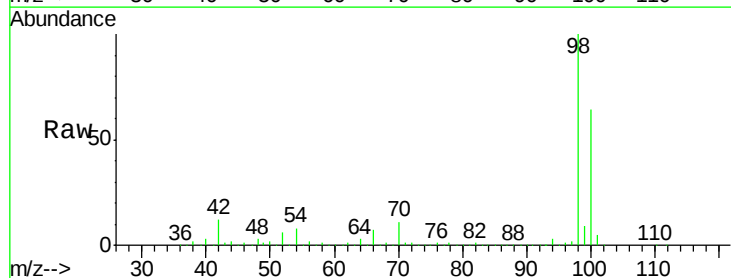
Instrument :
MSVOA_X
ClientSampled :

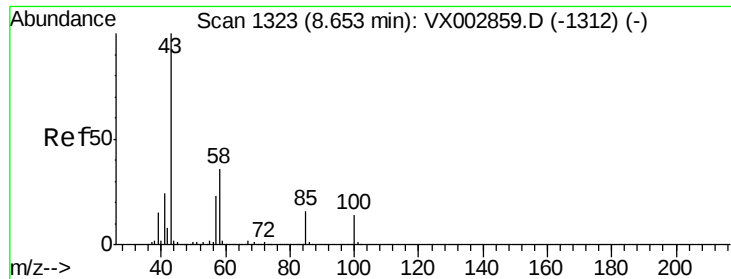
Tot Ion: 88 Resp: 86984
Ion Ratio Lower Upper
88 100
43 37.9 29.8 44.6
58 69.9 57.1 85.7



#50
Toluene-d8
Concen: 49.97 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 98 Resp: 527369
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 283.05 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

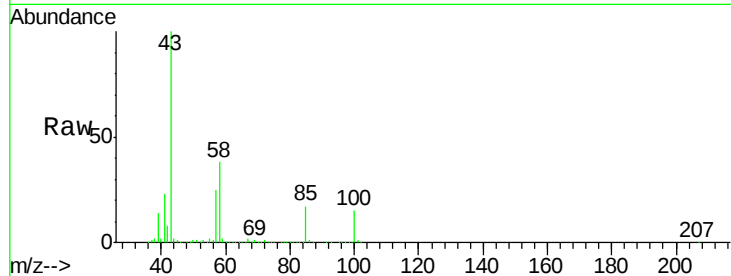
ClientSampleId :

Tot Ion: 43 Resp: 1279758

Ion Ratio Lower Upper

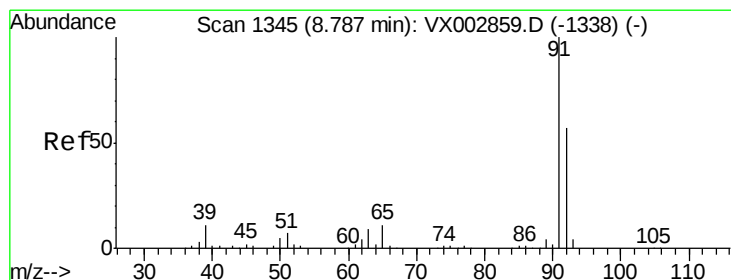
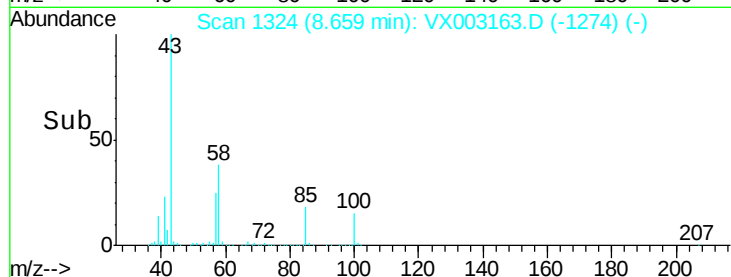
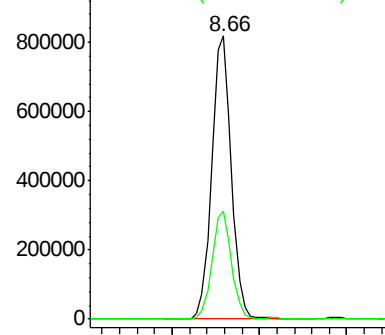
43 100

58 37.6 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: 54.85 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003163.D

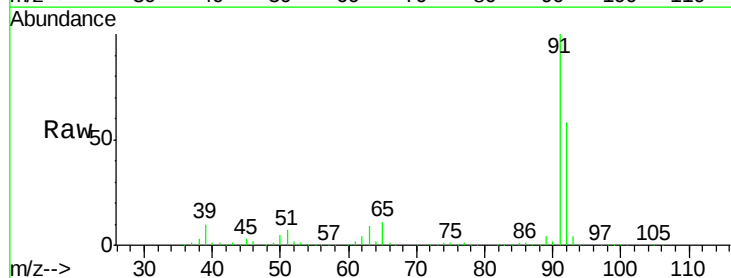
Acq: 03 Jul 2018 21:40

Tgt Ion: 92 Resp: 408566

Ion Ratio Lower Upper

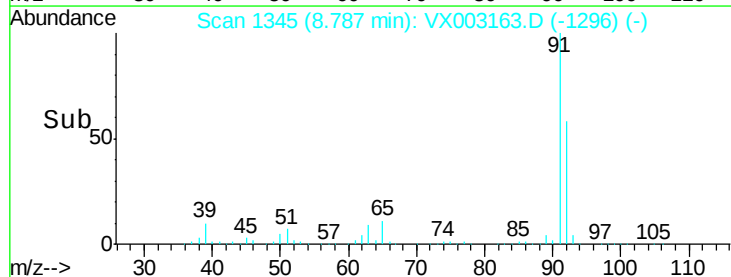
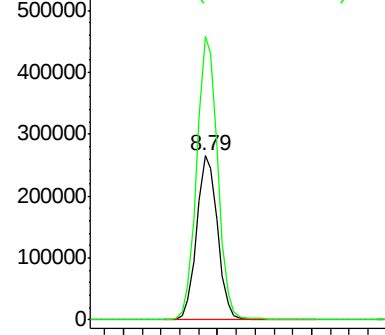
92 100

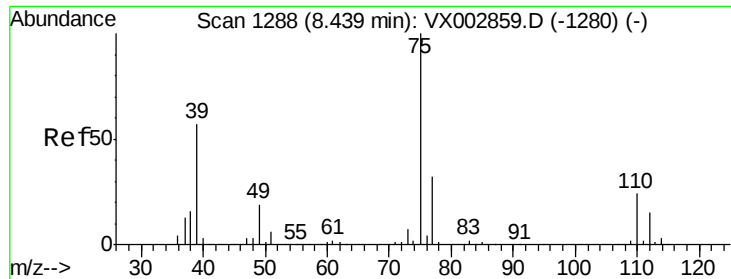
91 173.3 140.4 210.6



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: 54.47 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

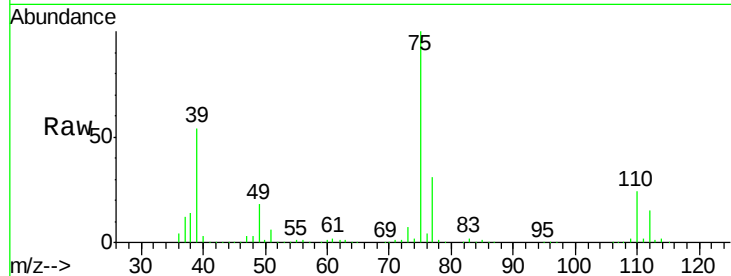
ClientSampleId :

Tot Ion: 75 Resp: 244113

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

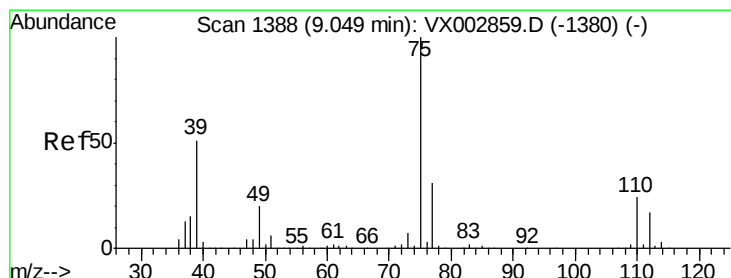
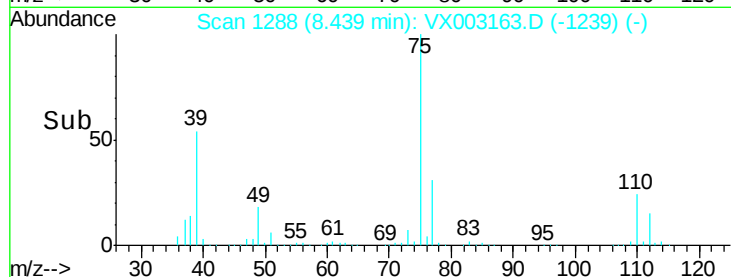
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.04 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

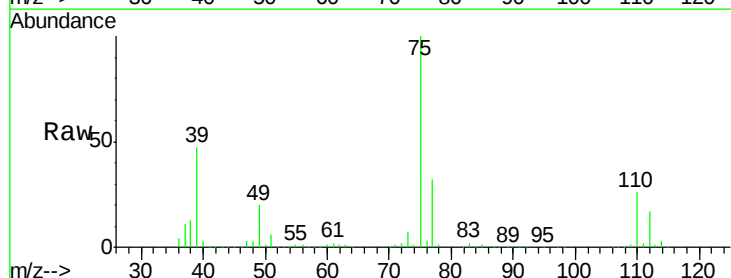
Tgt Ion: 75 Resp: 224428

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 46.9 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

200000

150000

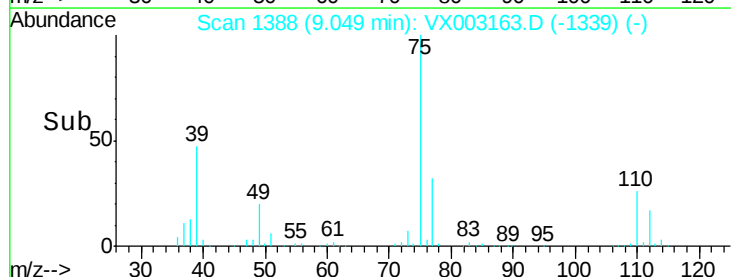
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->

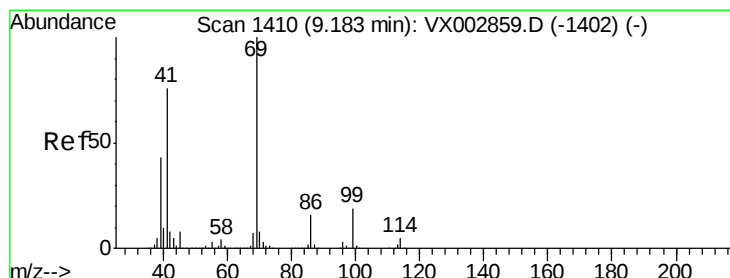
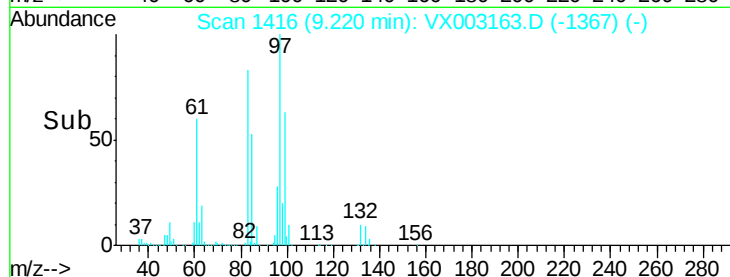
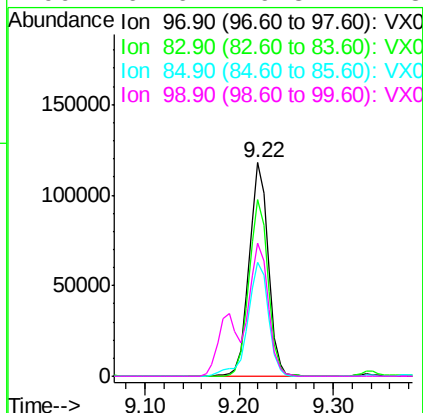
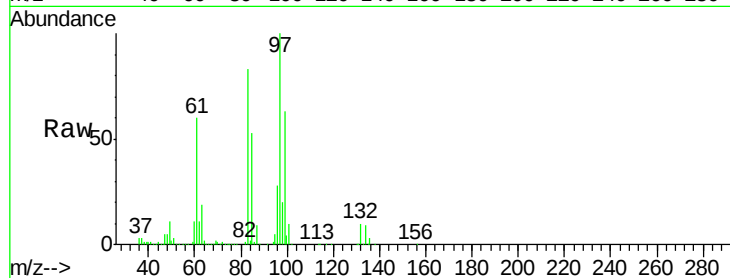




#55
 1,1,2-Trichloroethane
 Concen: 55.04 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

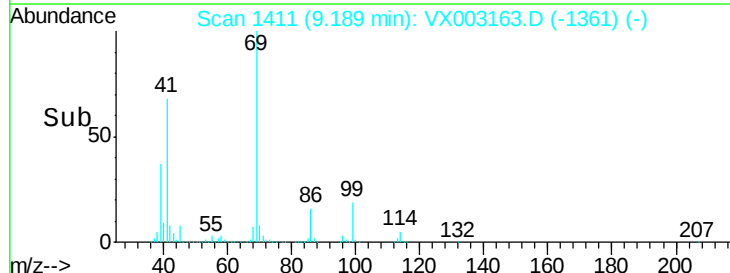
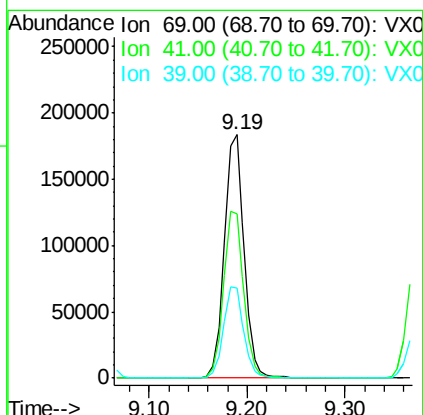
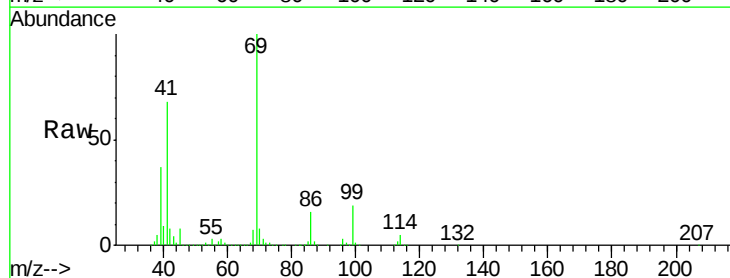
Instrument :
 MSVOA_X
 ClientSampleId :

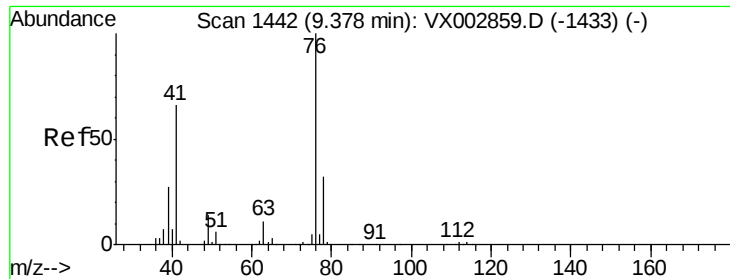
Tot Ion:	97	Resp:	168467
Ion	Ratio	Lower	Upper
97	100		
83	82.8	70.2	105.2
85	53.3	44.9	67.3
99	62.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 57.46 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

Tgt Ion:	69	Resp:	257036
Ion	Ratio	Lower	Upper
69	100		
41	69.7	60.3	90.5
39	38.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 54.67 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

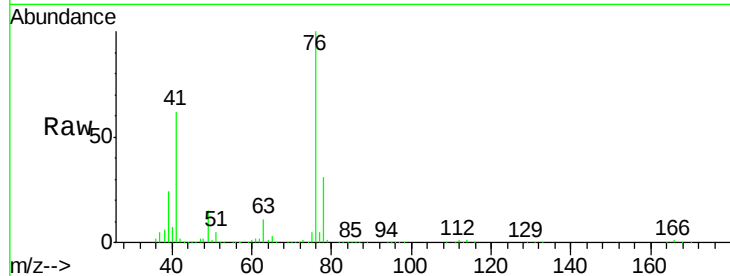
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 274861

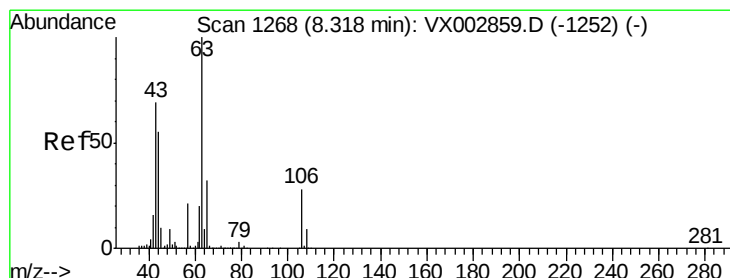
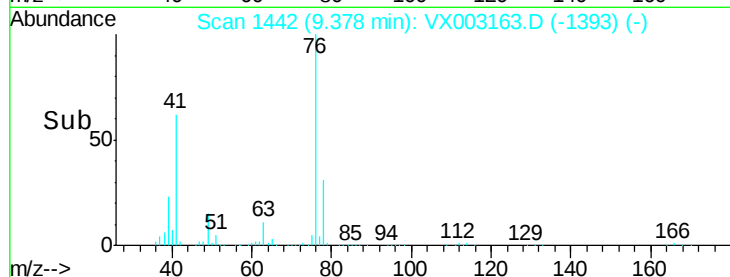
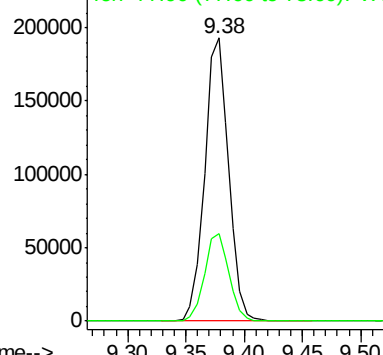
Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.42 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003163.D

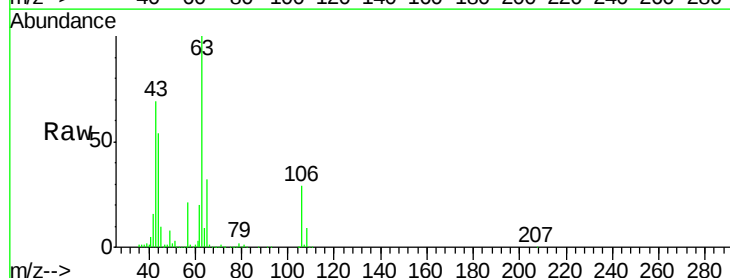
Acq: 03 Jul 2018 21:40

Tgt Ion: 63 Resp: 574991

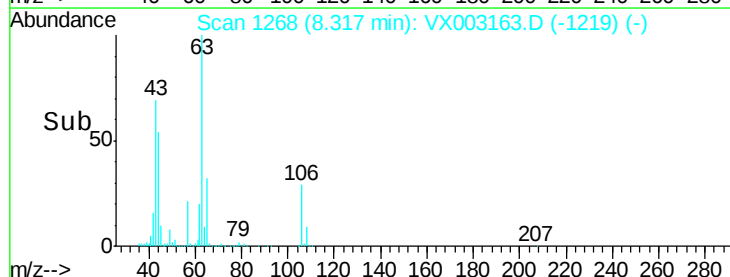
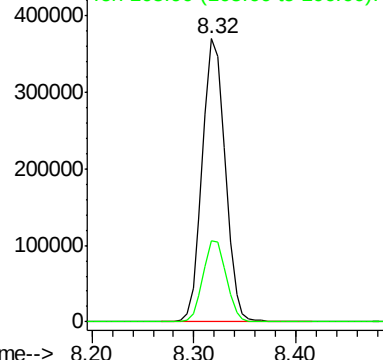
Ion Ratio Lower Upper

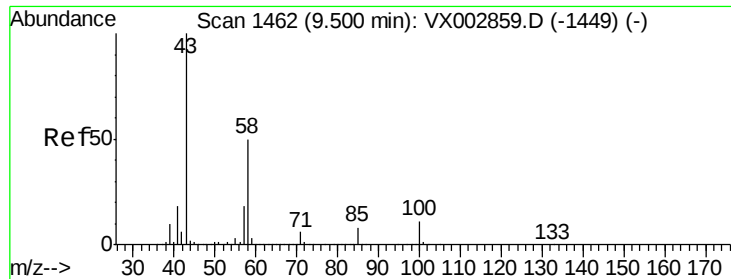
63 100

106 29.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

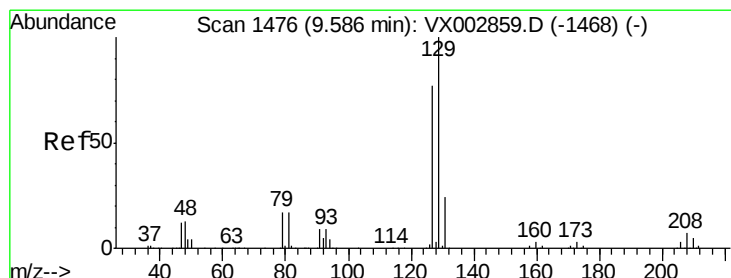
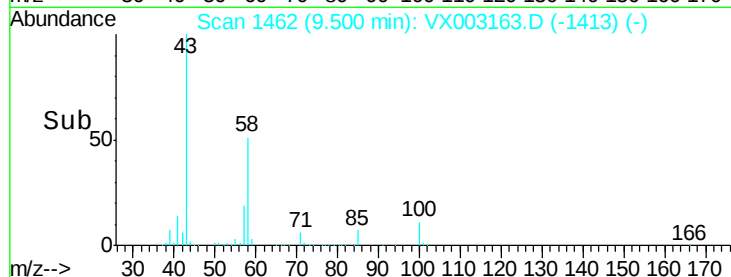
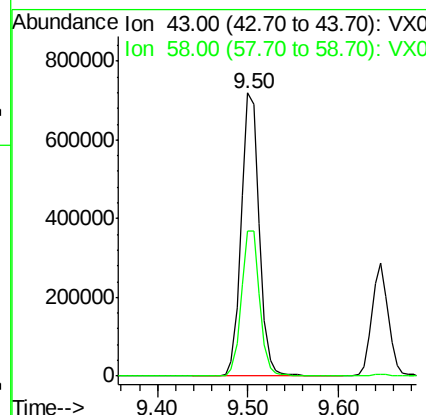
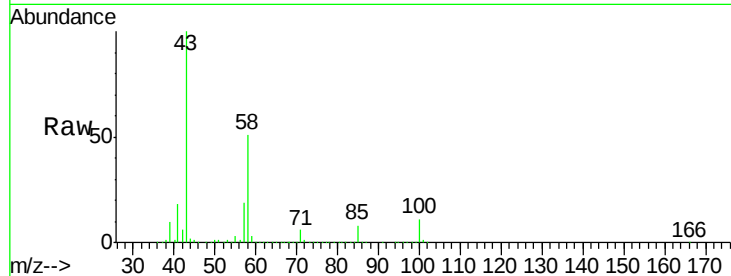




#59
2-Hexanone
Concen: 287.48 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

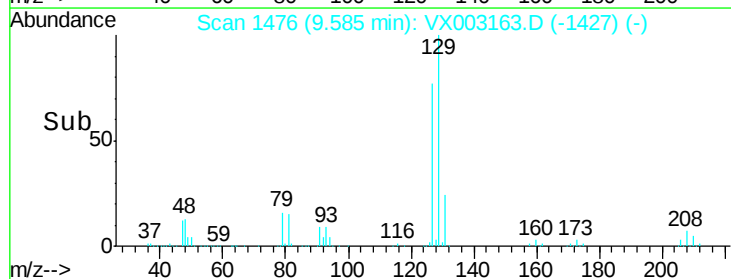
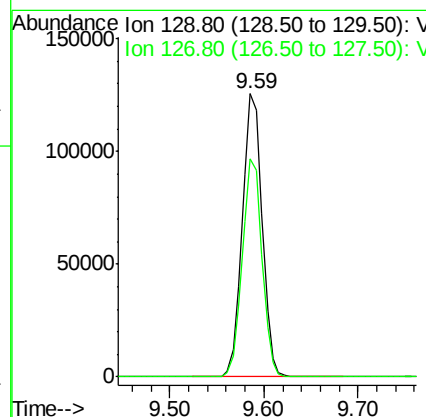
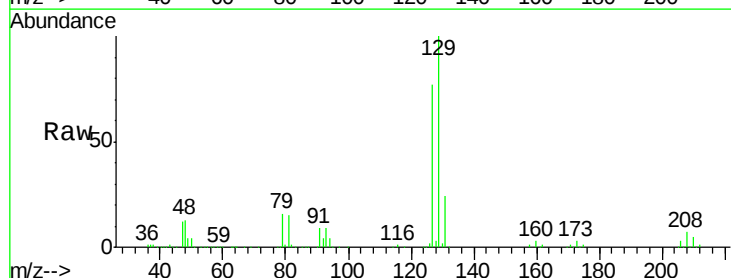
Instrument :
MSVOA_X
ClientSampleId :

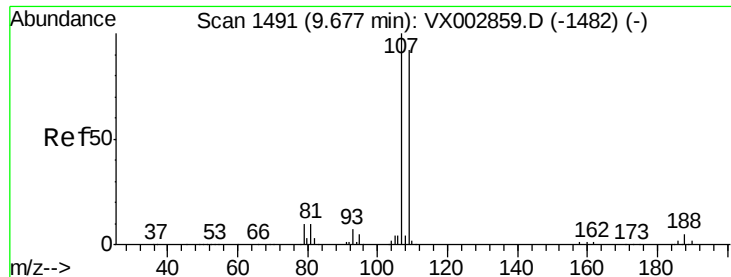
Tot Ion: 43 Resp: 987857
Ion Ratio Lower Upper
43 100
58 52.1 24.6 73.6



#60
Dibromochloromethane
Concen: 56.98 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion:129 Resp: 183600
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 56.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

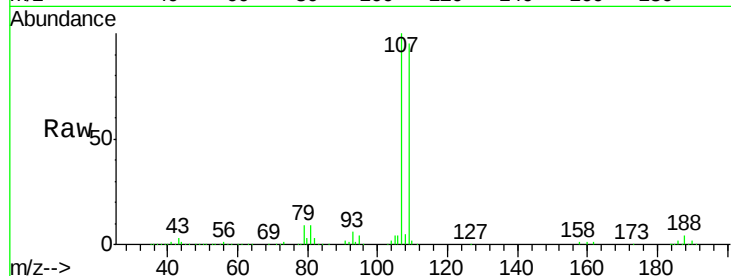
ClientSampled :

Tot Ion:107 Resp: 180178

Ion Ratio Lower Upper

107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

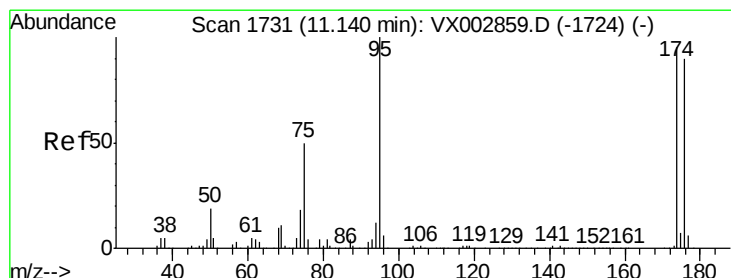
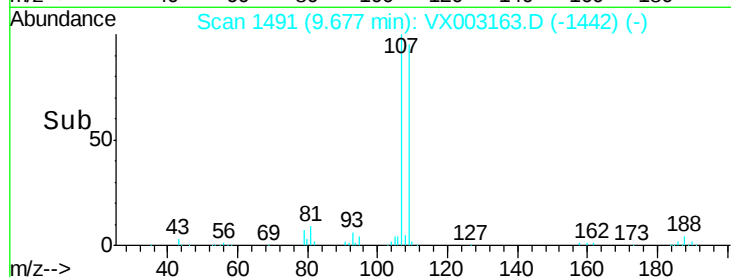
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

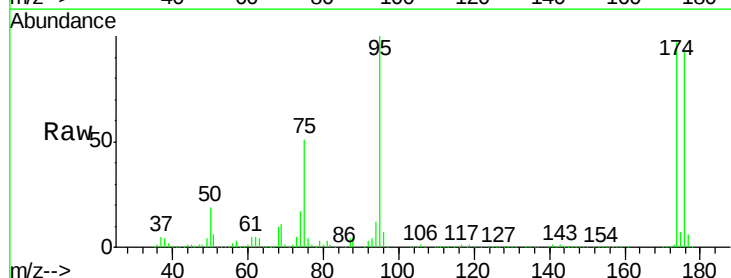
Tgt Ion: 95 Resp: 204115

Ion Ratio Lower Upper

95 100

174 99.3 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

11.14

200000

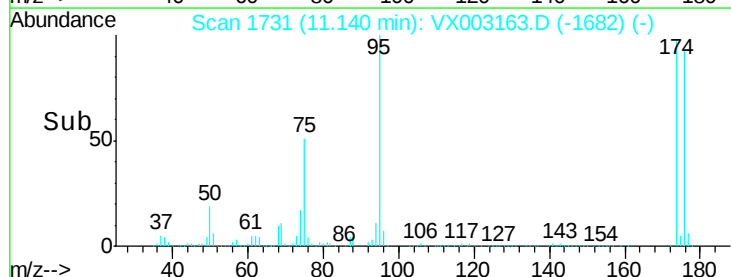
150000

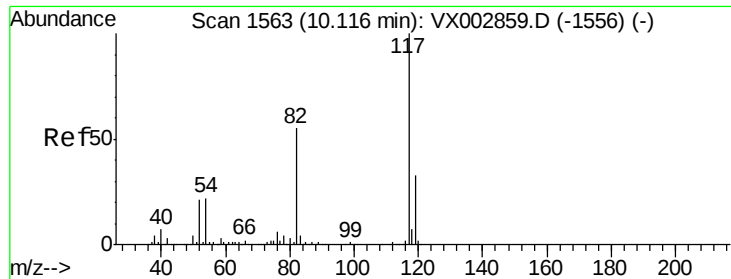
100000

50000

0

Time-->

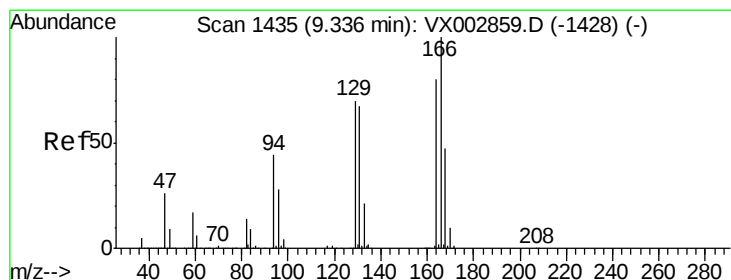
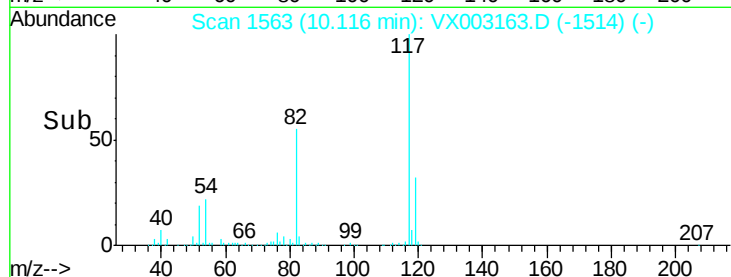
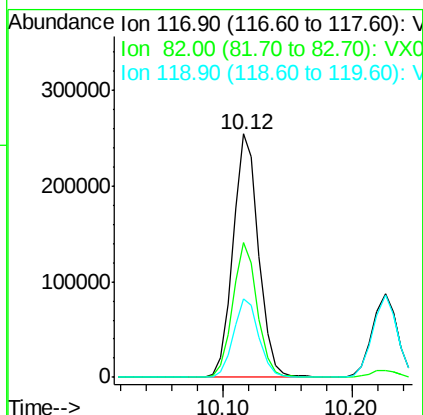
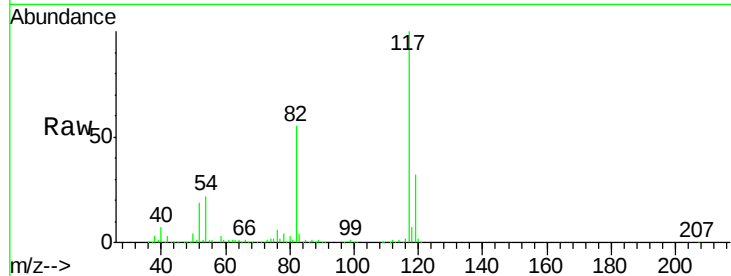




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

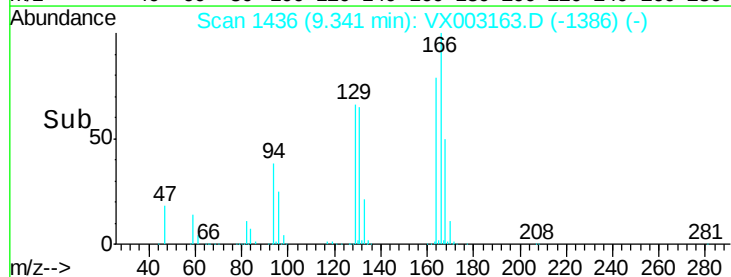
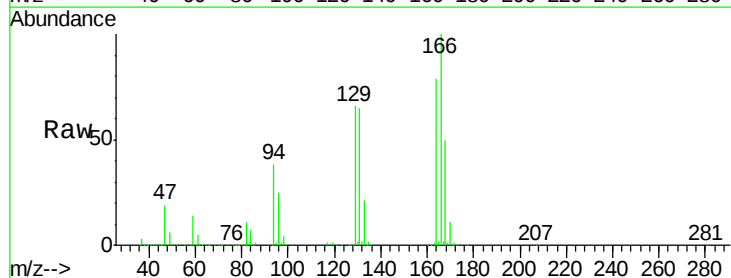
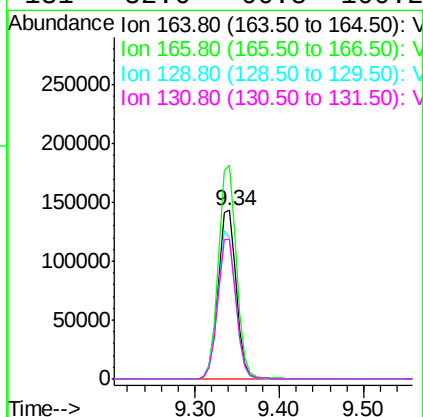
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.0	67.4
119	32.1	25.8	38.6



#64
Tetrachloroethene
Concen: 54.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.9	154.3
129	83.9	68.6	102.8
131	82.6	66.8	100.2





#65

Chlorobenzene

Concen: 52.72 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

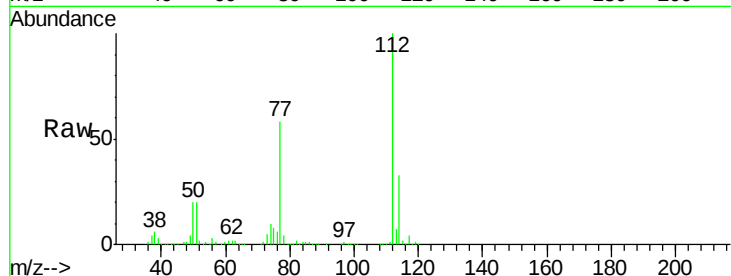
ClientSampleId :

Tot Ion:112 Resp: 469474

Ion Ratio Lower Upper

112 100

114 32.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

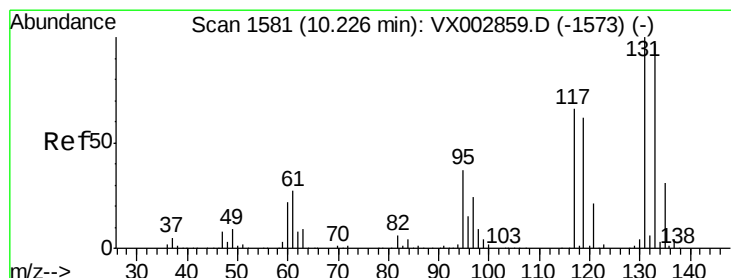
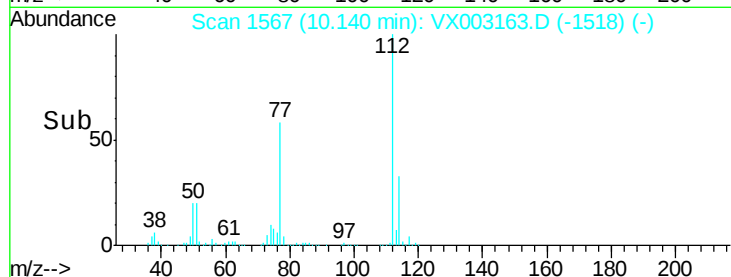
300000

200000

100000

0

Time--> 10.00 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 54.68 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

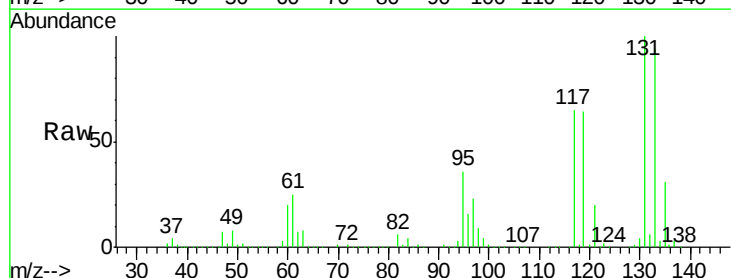
Tgt Ion:131 Resp: 176892

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

119 63.6 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

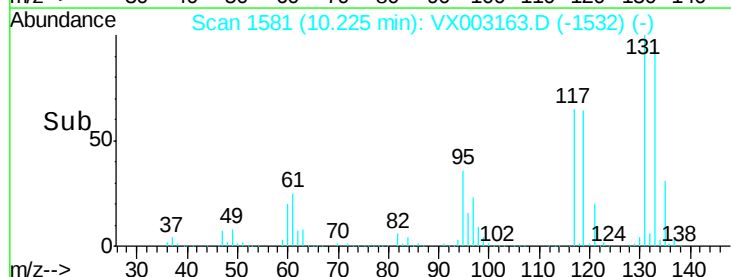
150000

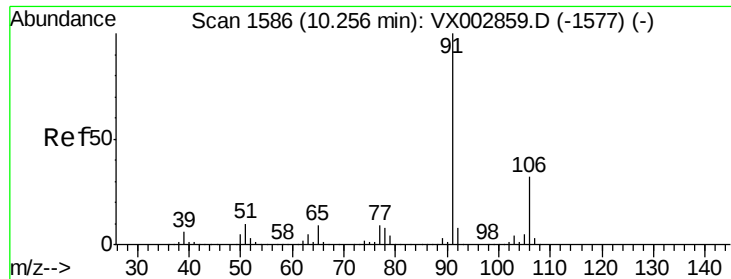
100000

50000

0

Time--> 10.20 10.30

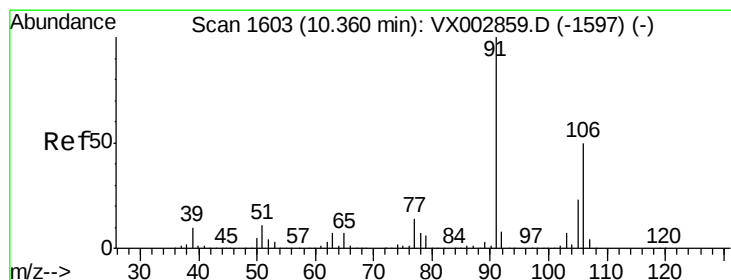
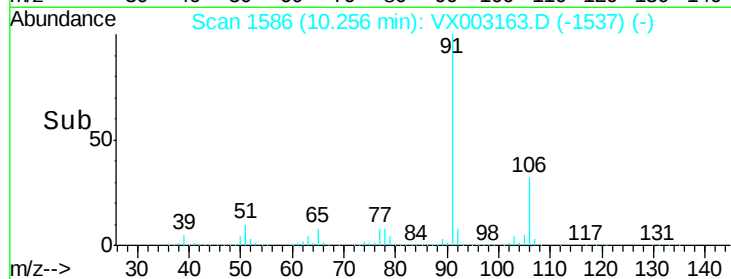
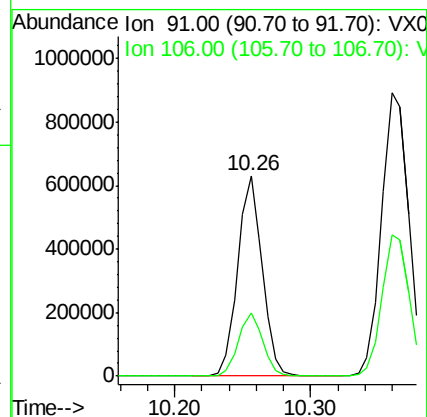
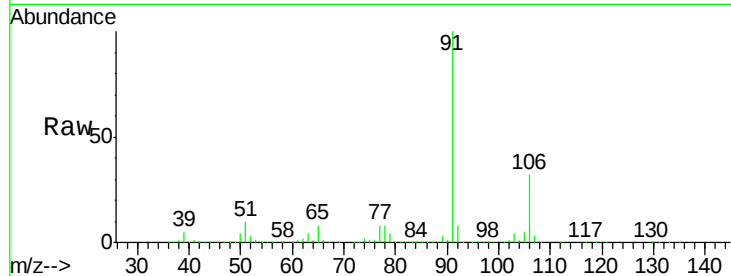




#67
Ethyl Benzene
Concen: 53.78 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

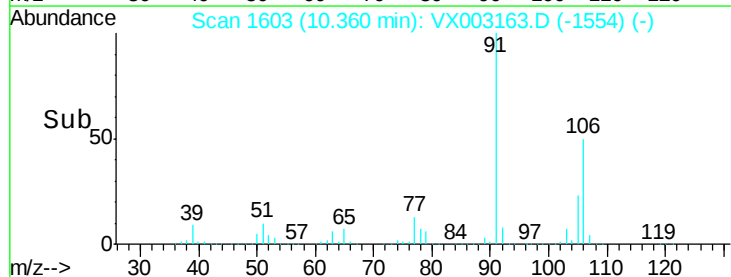
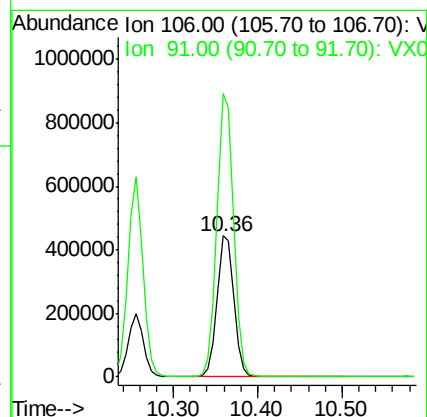
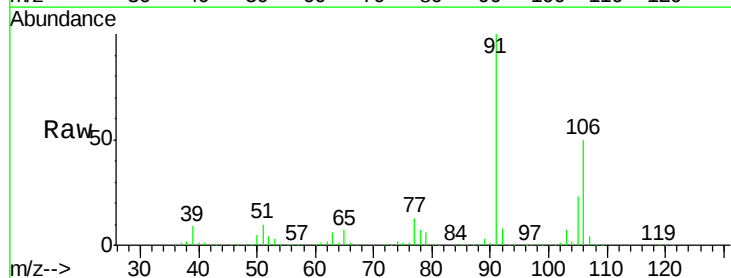
Instrument :
MSVOA_X
ClientSampleId :

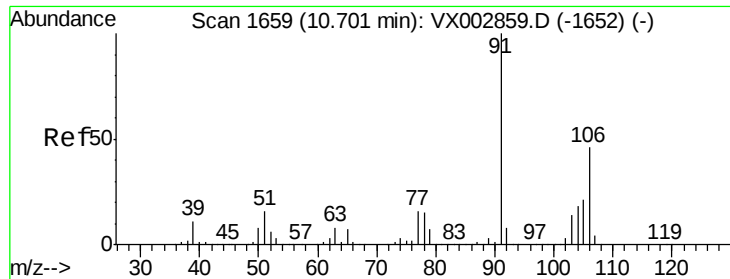
Tot Ion: 91 Resp: 791198
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 109.47 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion: 106 Resp: 620680
Ion Ratio Lower Upper
106 100
91 200.4 163.4 245.2

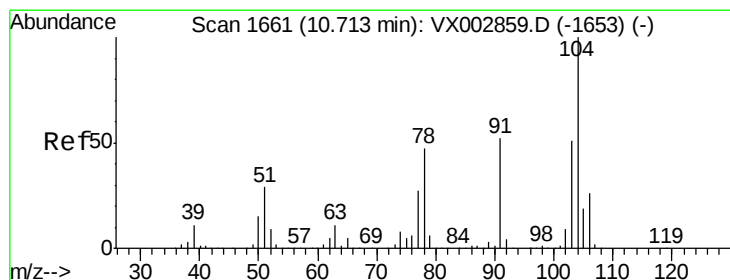
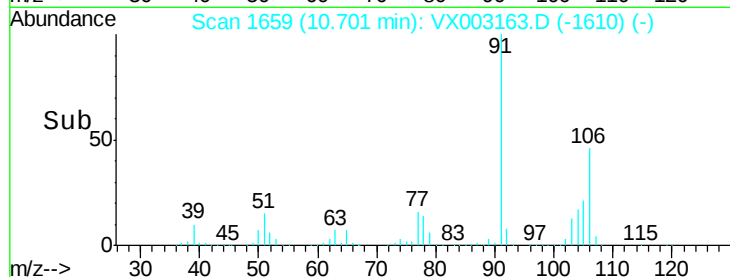
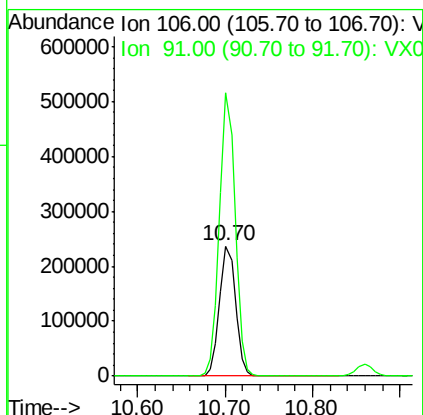
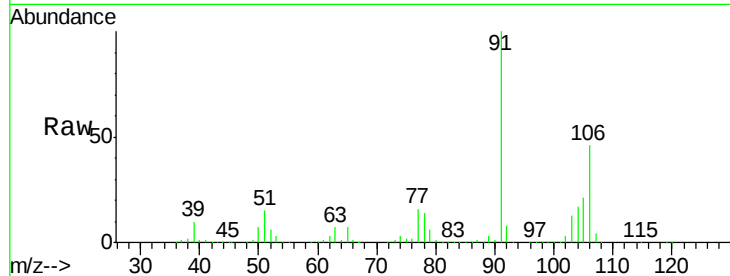




#69
o-Xylene
Concen: 54.72 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

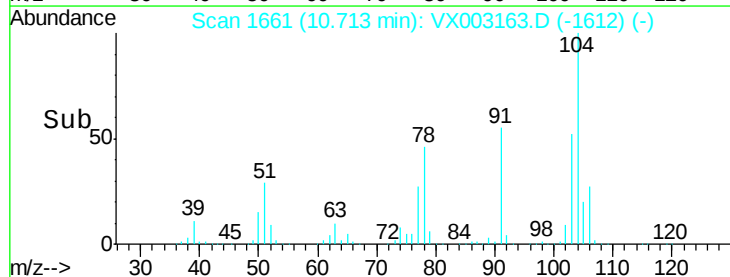
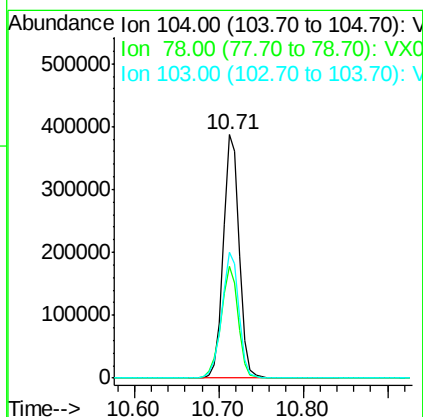
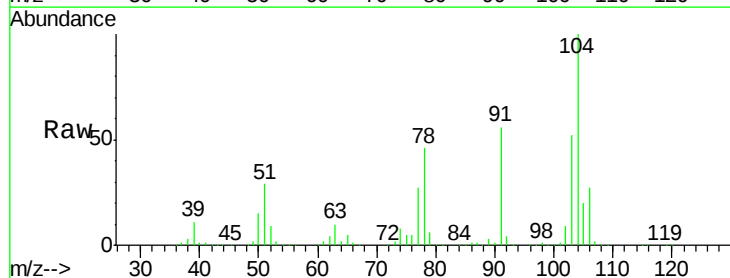
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 302104
Ion Ratio Lower Upper
106 100
91 212.8 108.2 324.6



#70
Styrene
Concen: 56.65 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion:104 Resp: 508192
Ion Ratio Lower Upper
104 100
78 49.6 41.0 61.6
103 55.6 44.2 66.4

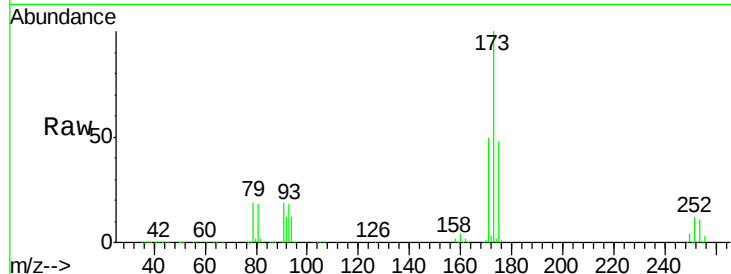




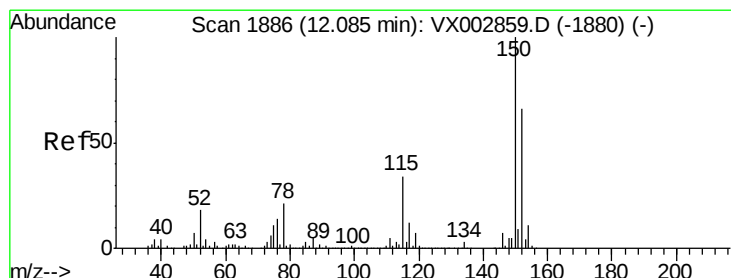
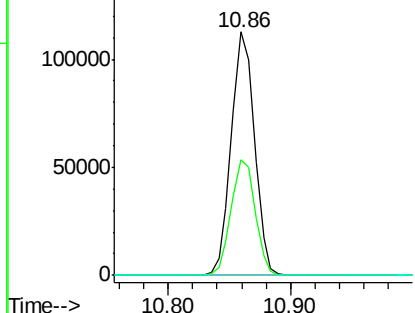
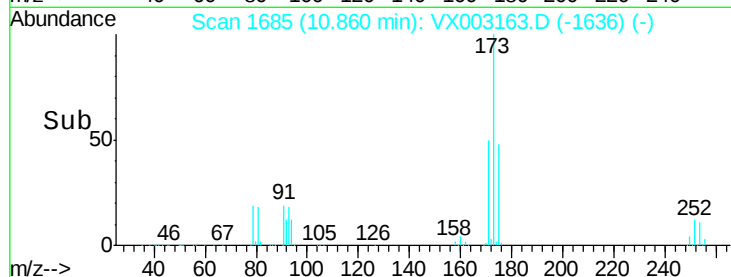
#71
Bromoform
Concen: 50.51 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 147786
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.2 0.2 0.2

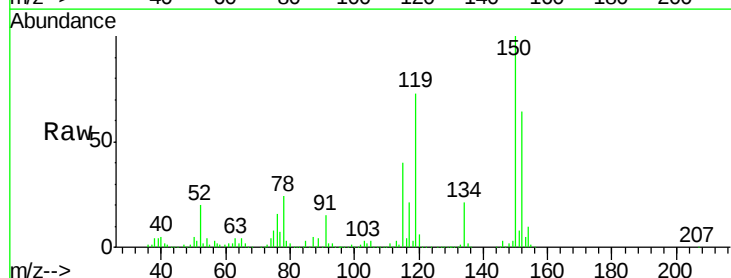


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

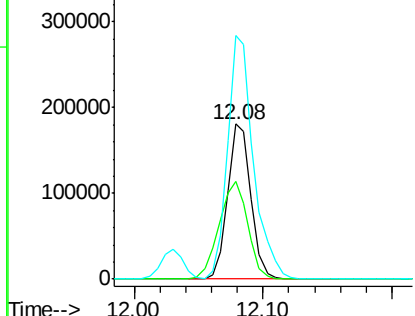
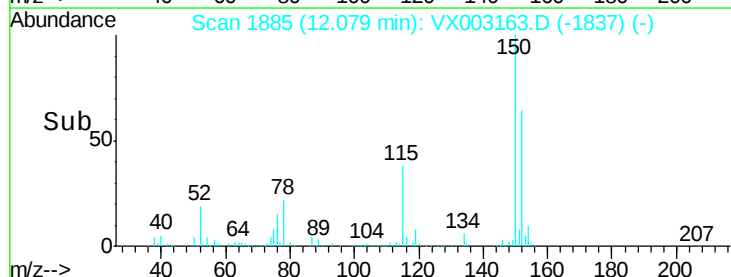


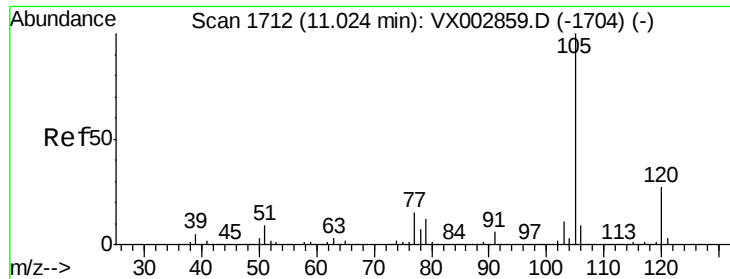
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion:152 Resp: 228887
Ion Ratio Lower Upper
152 100
115 77.9 40.1 120.2
150 174.1 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: 53.12 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

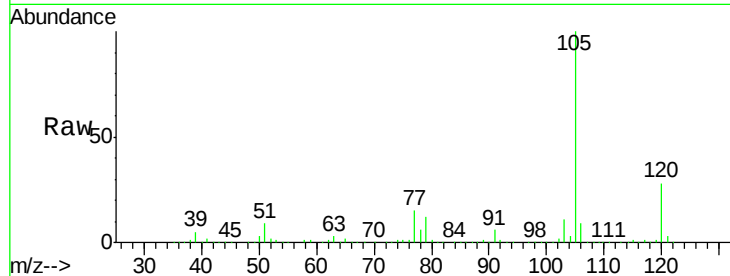
ClientSampleId :

Tot Ion:105 Resp: 817872

Ion Ratio Lower Upper

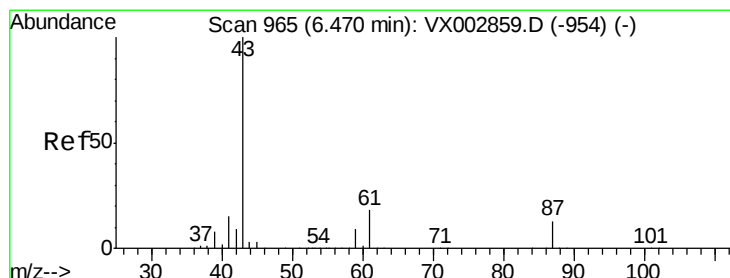
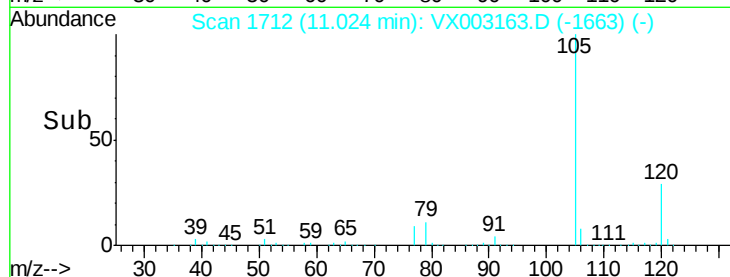
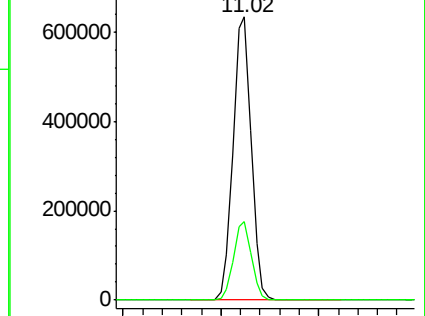
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.37 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Tgt Ion: 43 Resp: 387057

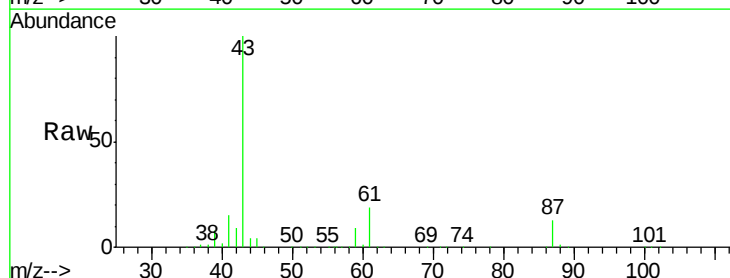
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.9 14.4 21.6

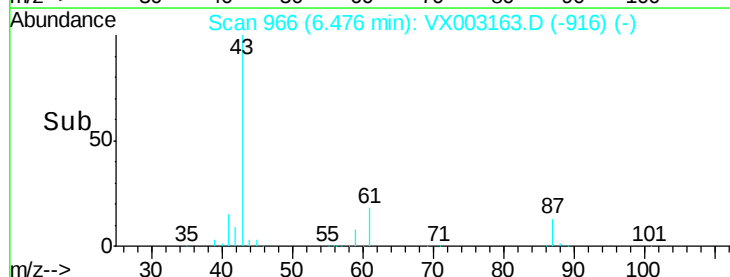
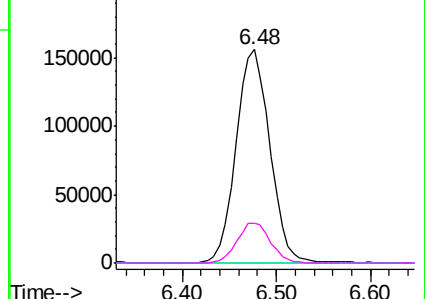


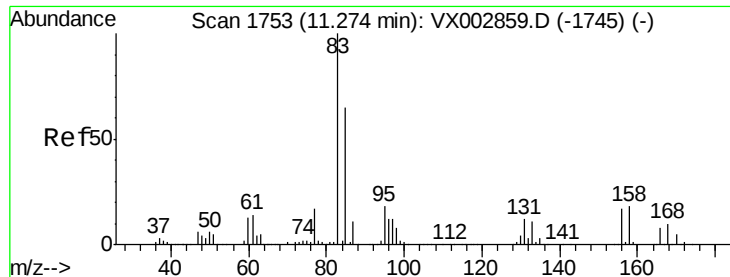
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.62 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampled :

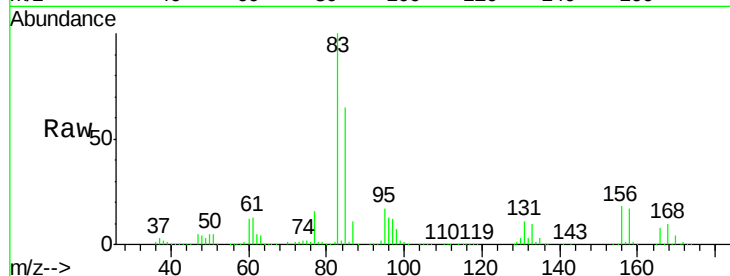
Tot Ion: 83 Resp: 259070

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

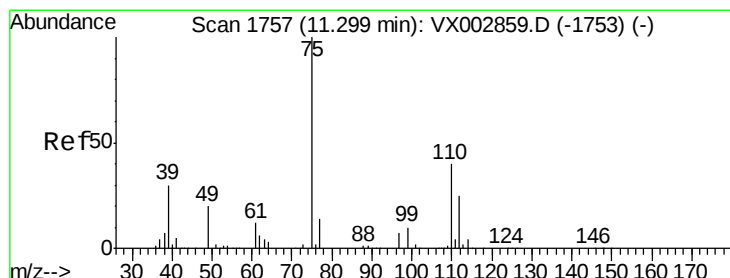
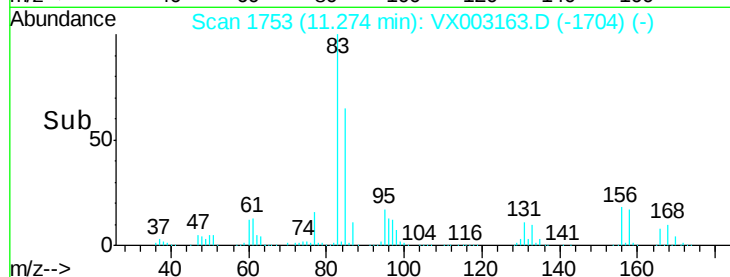
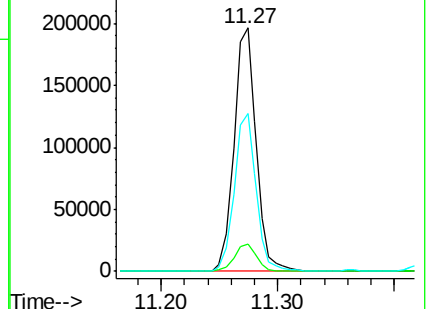
85 64.2 32.4 97.2



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: 69.37 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003163.D

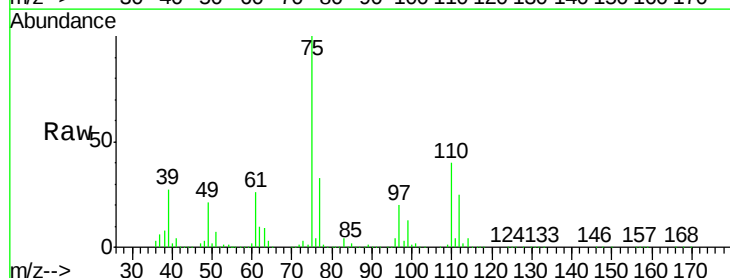
Acq: 03 Jul 2018 21:40

Tgt Ion: 75 Resp: 287606

Ion Ratio Lower Upper

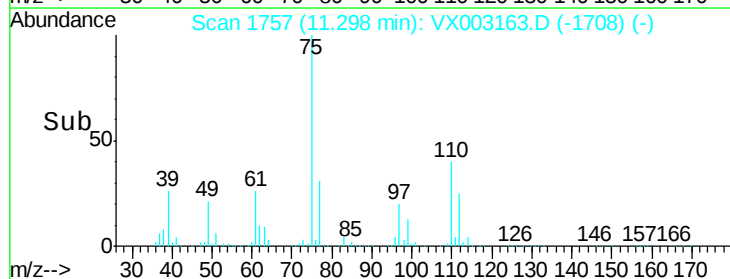
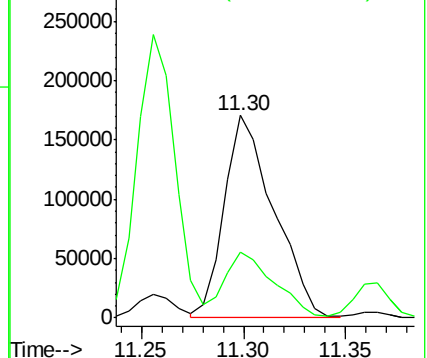
75 100

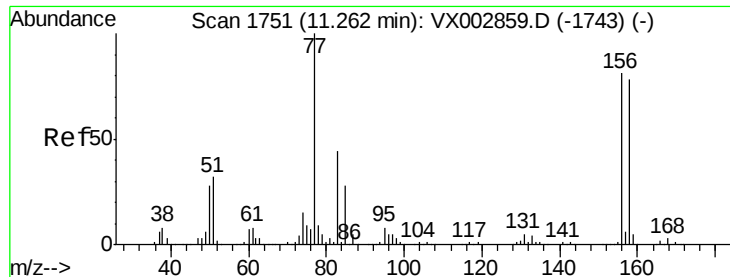
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.49 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

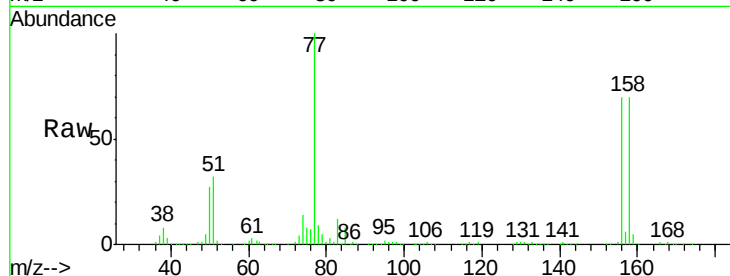
Tot Ion:156 Resp: 230186

Ion Ratio Lower Upper

156 100

77 134.6 71.4 214.2

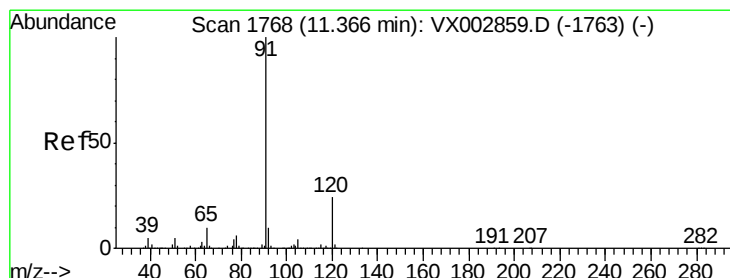
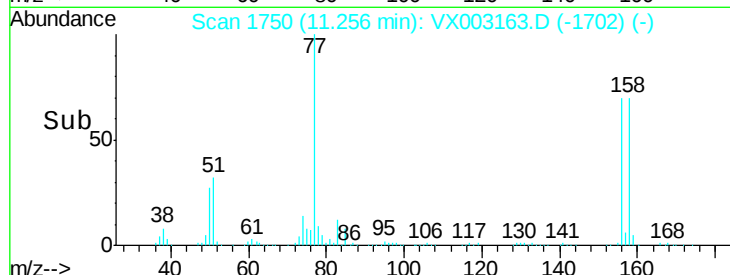
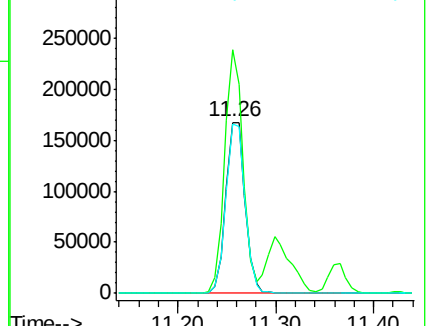
158 98.4 48.9 146.6



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: 52.77 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003163.D

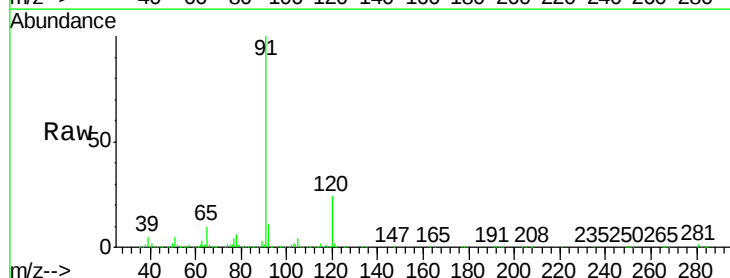
Acq: 03 Jul 2018 21:40

Tgt Ion: 91 Resp: 924908

Ion Ratio Lower Upper

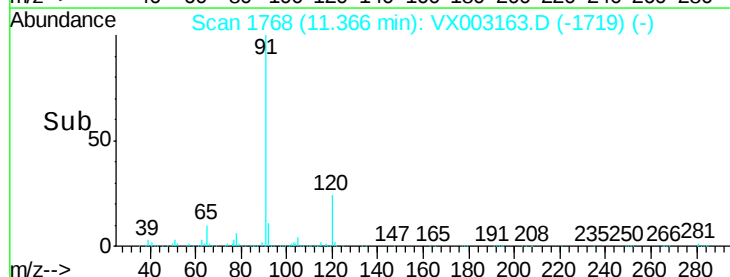
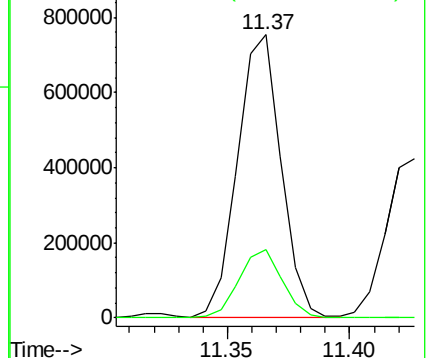
91 100

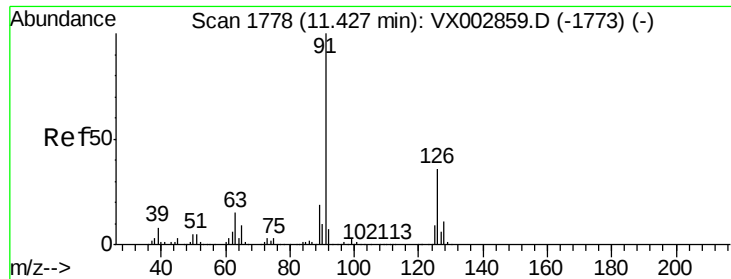
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

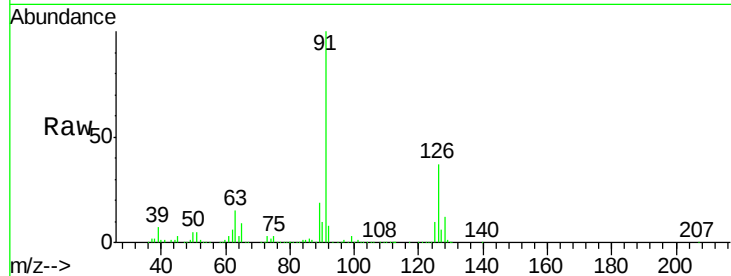
ClientSampled :

Tot Ion: 91 Resp: 547100

Ion Ratio Lower Upper

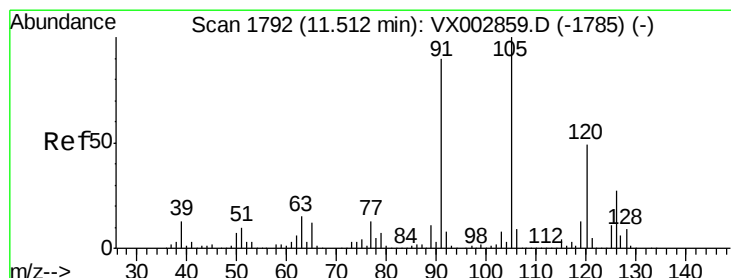
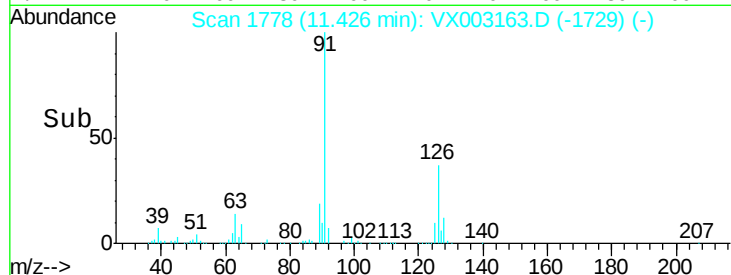
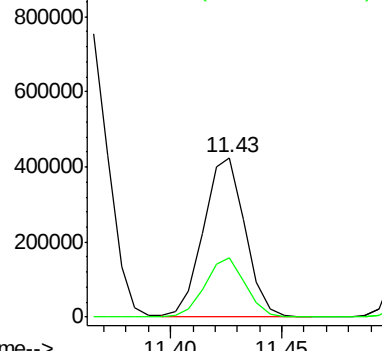
91 100

126 36.4 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: 53.24 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003163.D

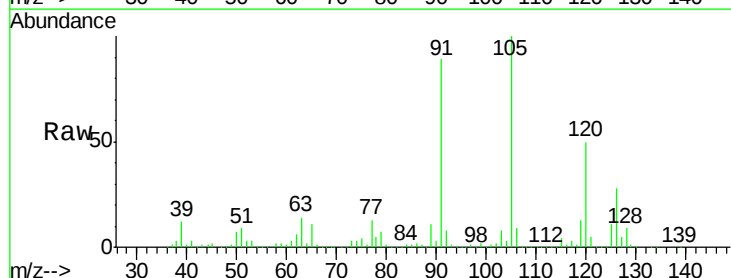
Acq: 03 Jul 2018 21:40

Tgt Ion:105 Resp: 690473

Ion Ratio Lower Upper

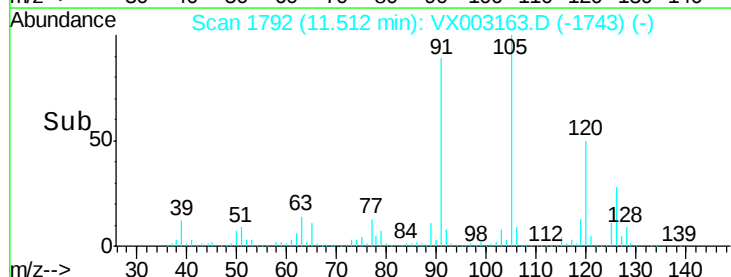
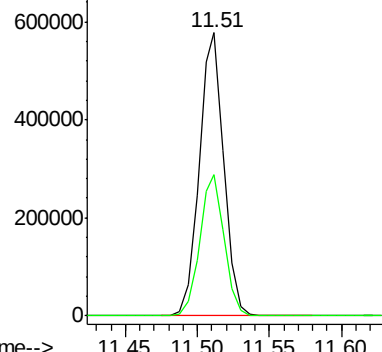
105 100

120 49.6 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: 45.77 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

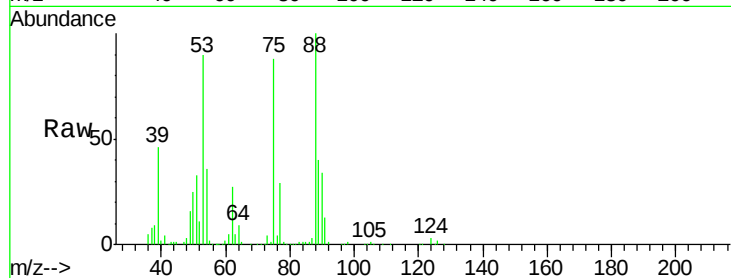
Tot Ion: 75 Resp: 64970

Ion Ratio Lower Upper

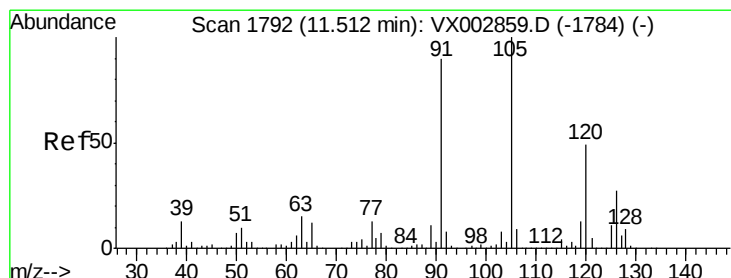
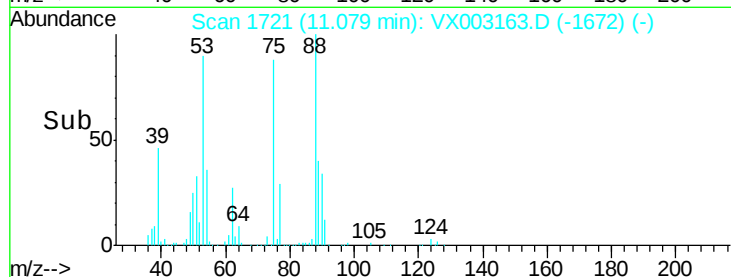
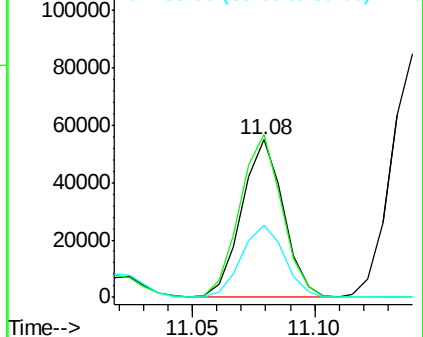
75 100

53 104.7 86.8 130.2

89 47.3 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: 51.40 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003163.D

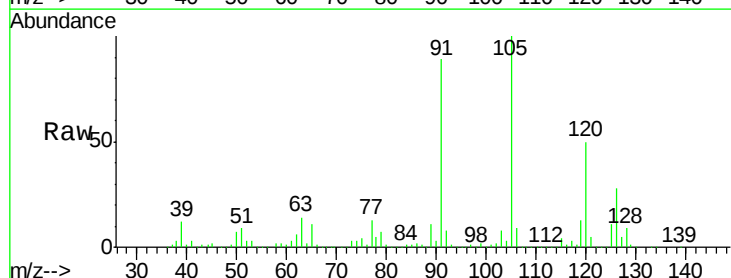
Acq: 03 Jul 2018 21:40

Tgt Ion: 91 Resp: 645696

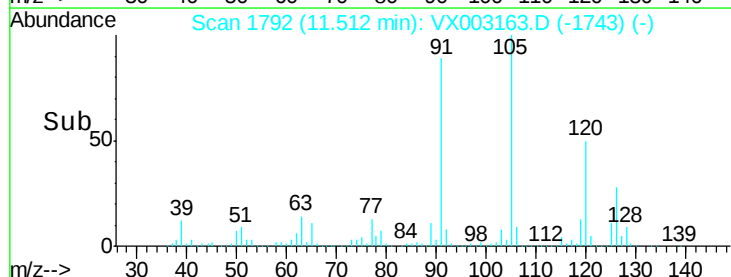
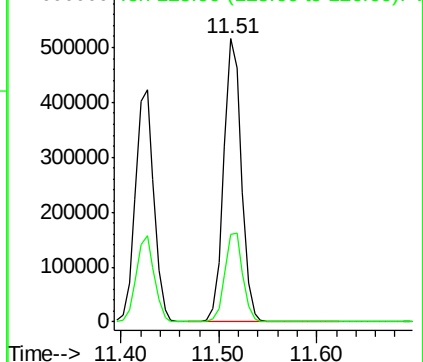
Ion Ratio Lower Upper

91 100

126 32.1 15.4 46.4



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

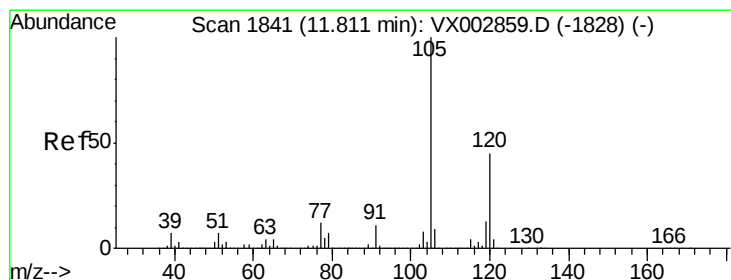
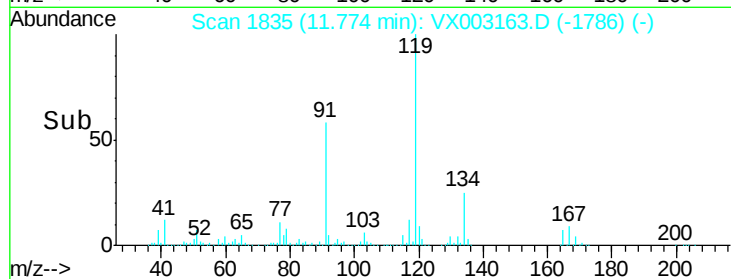
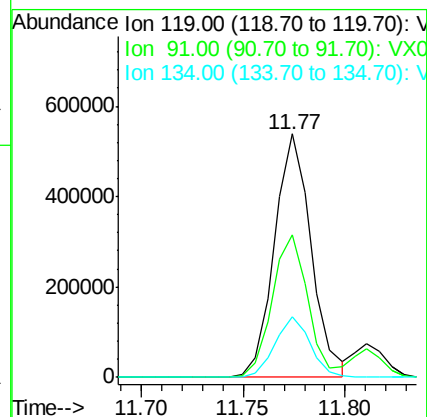
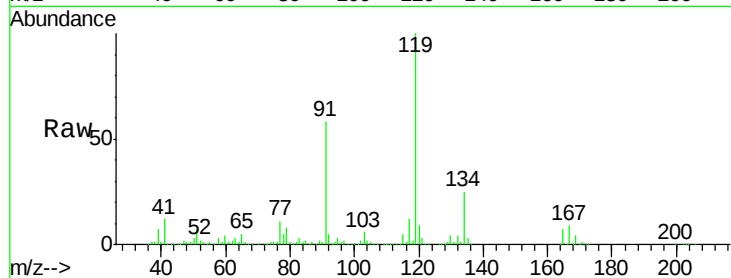




#83
tert-Butylbenzene
Concen: 52.98 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

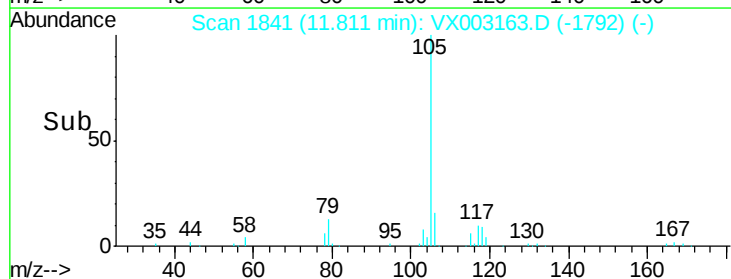
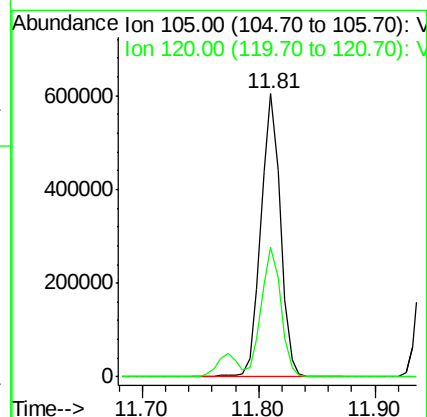
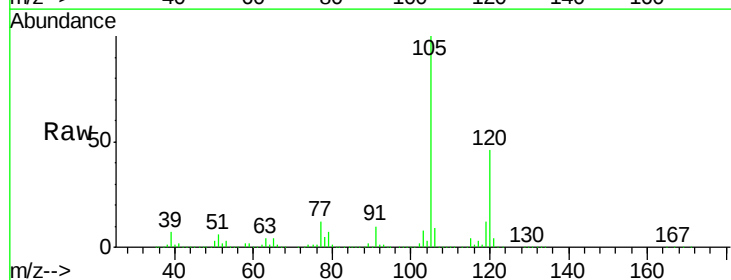
Instrument :
MSVOA_X
ClientSampleId :

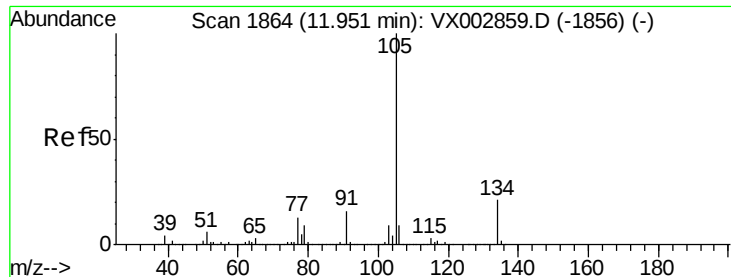
Tot Ion:119 Resp: 677138
Ion Ratio Lower Upper
119 100
91 57.5 30.3 90.9
134 23.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 52.79 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion:105 Resp: 709298
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.07 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

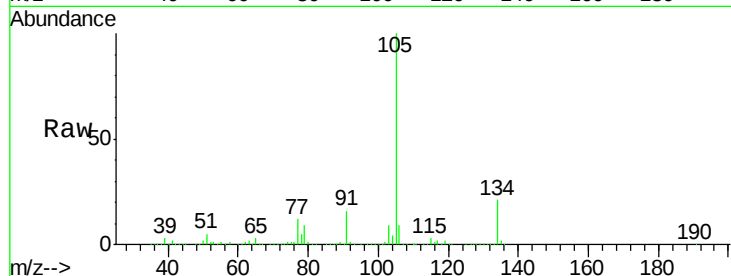
ClientSampleId :

Tot Ion:105 Resp: 807285

Ion Ratio Lower Upper

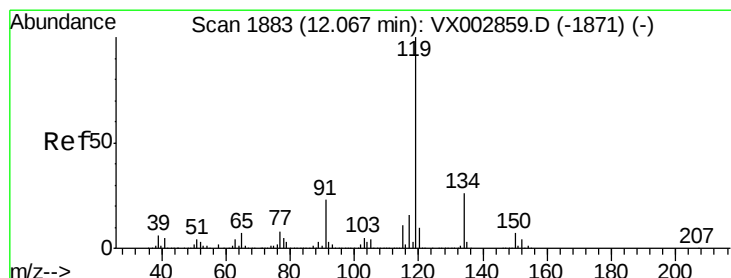
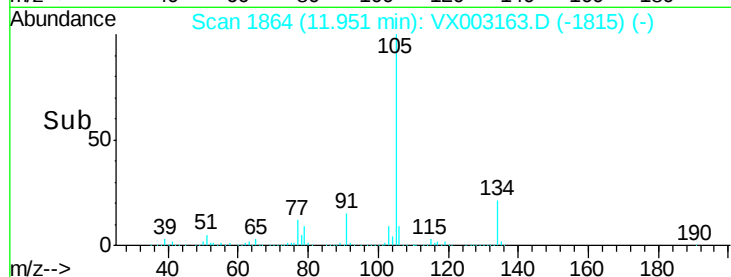
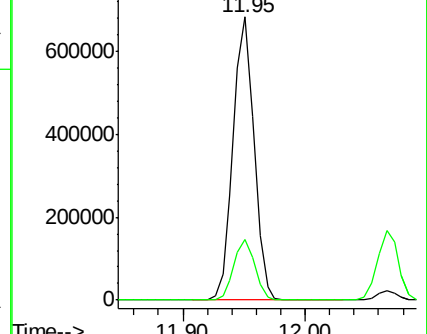
105 100

134 21.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.09 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

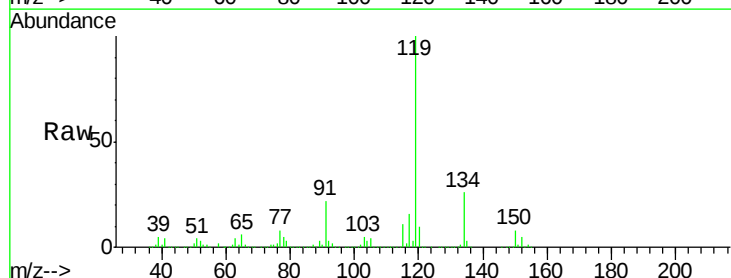
Tgt Ion:119 Resp: 740080

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

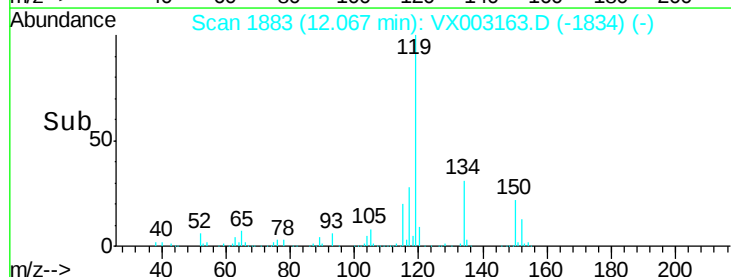
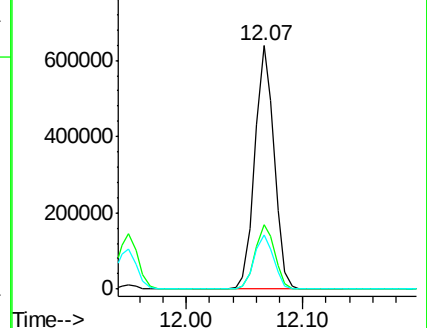
91 22.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.21 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

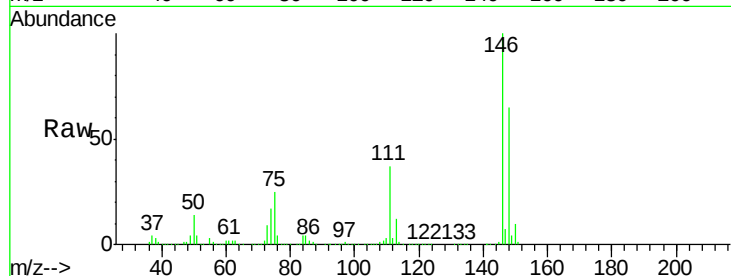
Tot Ion:146 Resp: 418159

Ion Ratio Lower Upper

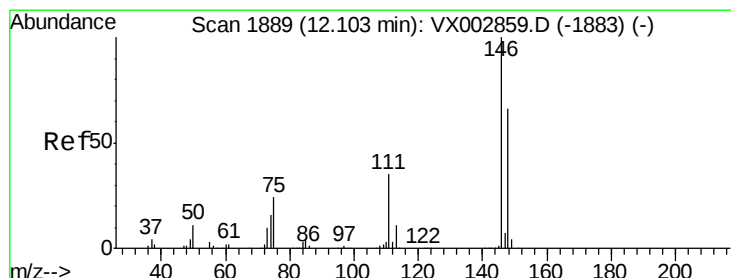
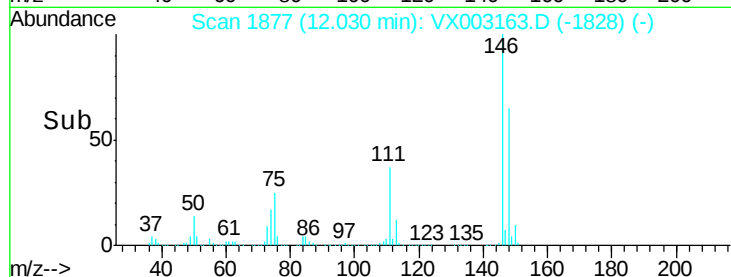
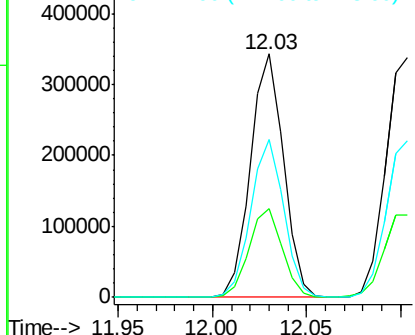
146 100

111 36.8 18.9 56.7

148 64.6 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 50.93 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

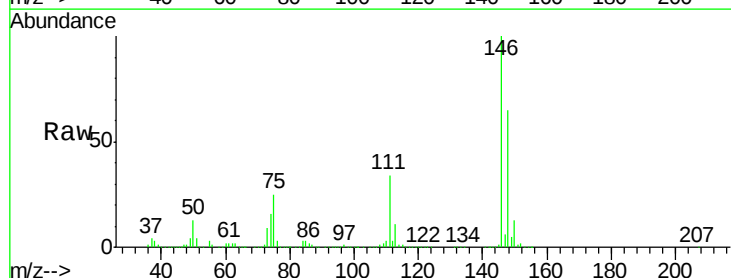
Tgt Ion:146 Resp: 419737

Ion Ratio Lower Upper

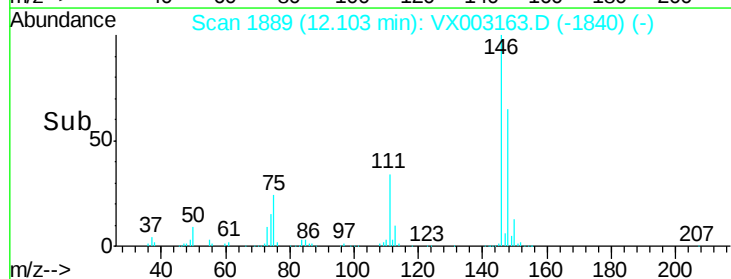
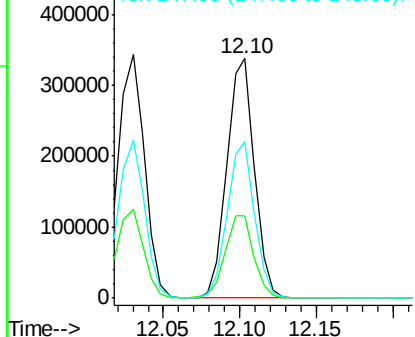
146 100

111 35.9 18.7 56.1

148 64.8 32.4 97.0



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





#89

n-Butylbenzene

Concen: 49.75 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003163.D

Acq: 03 Jul 2018 21:40

Instrument :

MSVOA_X

ClientSampleId :

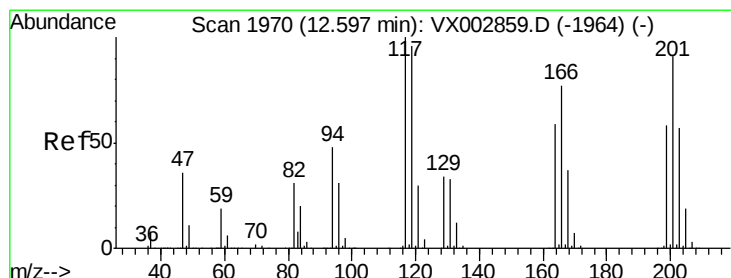
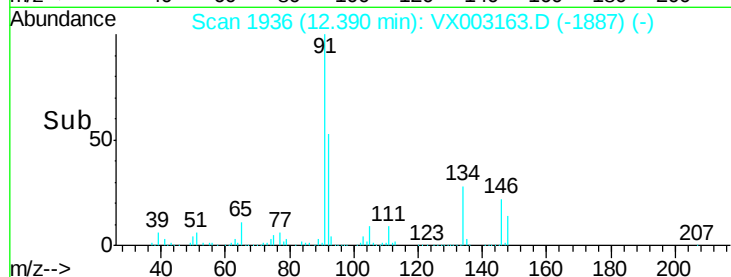
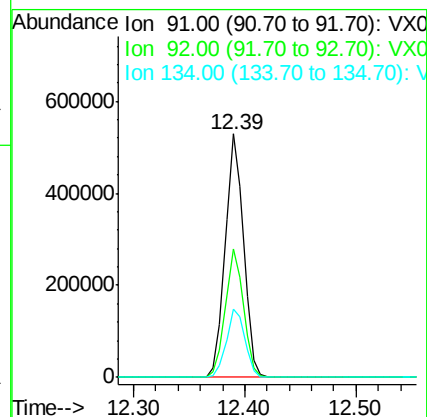
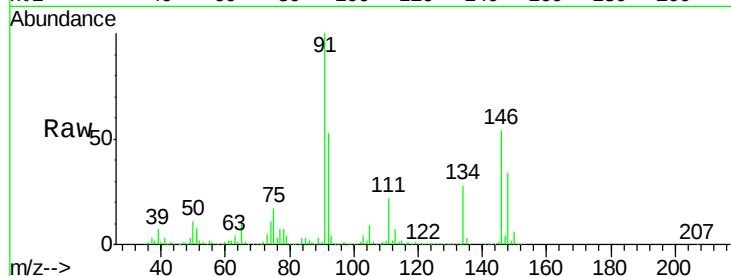
Tot Ion: 91 Resp: 603601

Ion Ratio Lower Upper

91 100

92 52.4 26.0 78.0

134 28.3 13.5 40.5



#90

Hexachloroethane

Concen: 53.63 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003163.D

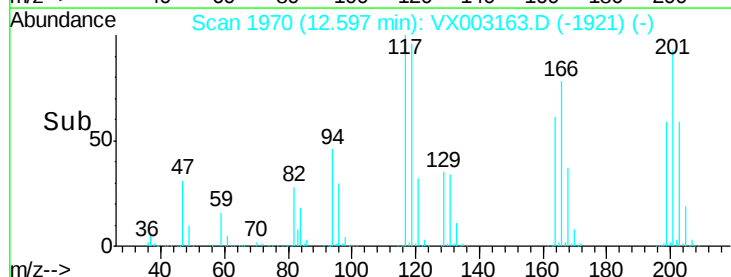
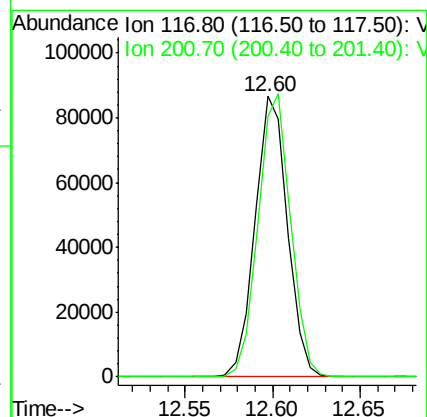
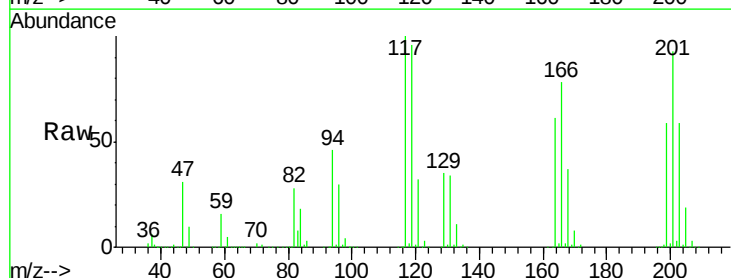
Acq: 03 Jul 2018 21:40

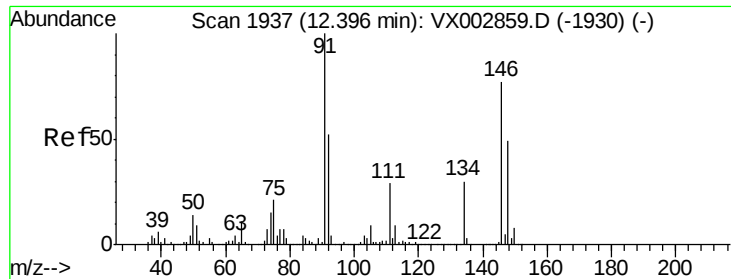
Tgt Ion: 117 Resp: 111205

Ion Ratio Lower Upper

117 100

201 101.3 49.0 147.0

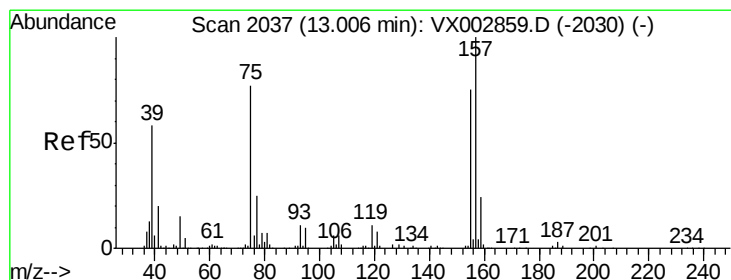
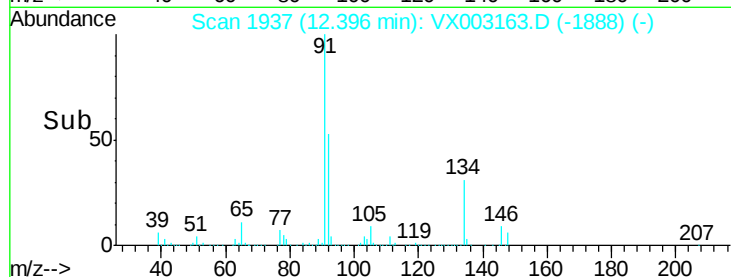
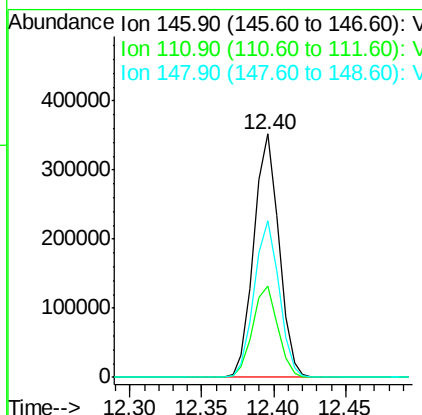
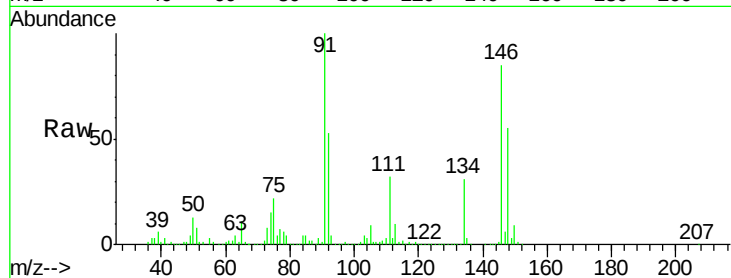




#91
 1,2-Dichlorobenzene
 Concen: 52.05 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

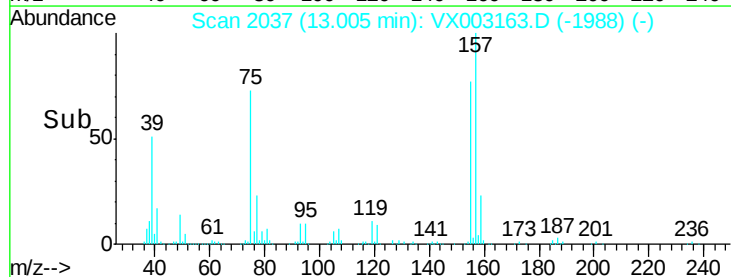
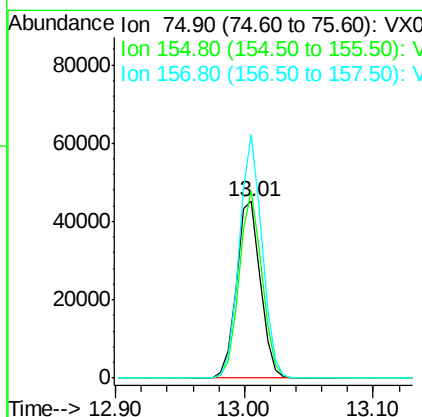
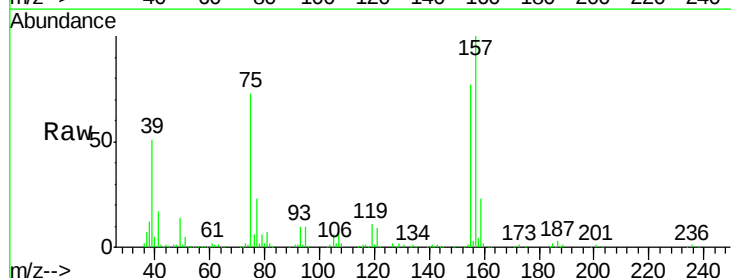
Instrument :
 MSVOA_X
 ClientSampleId :

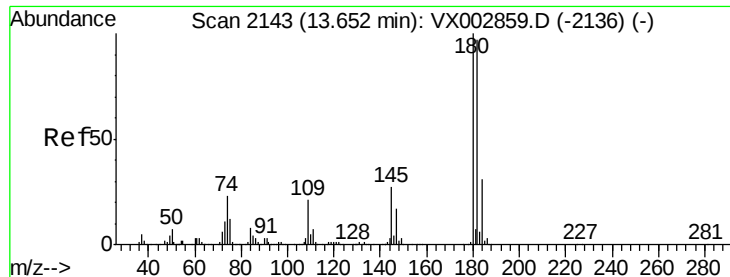
Tot Ion:146 Resp: 420749
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.81 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

Tgt Ion: 75 Resp: 58448
 Ion Ratio Lower Upper
 75 100
 155 100.0 45.8 137.4
 157 129.3 60.1 180.3

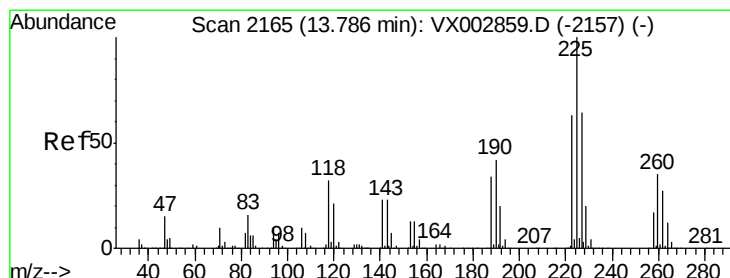
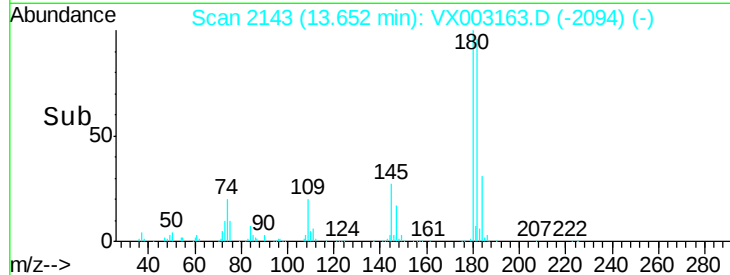
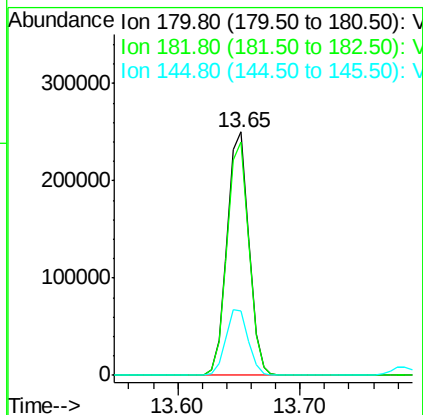
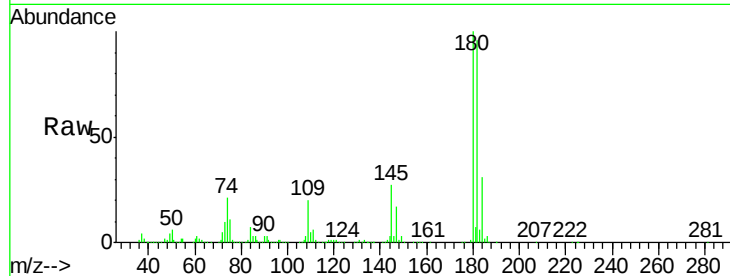




#93
 1,2,4-Trichlorobenzene
 Concen: 52.27 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

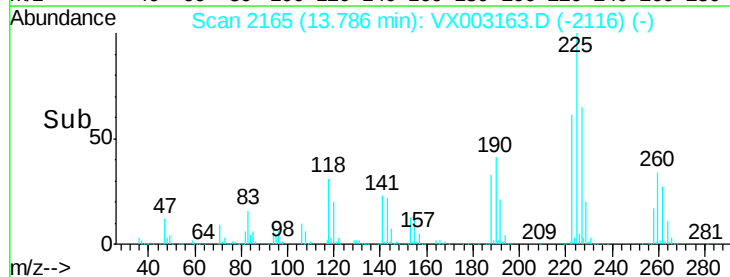
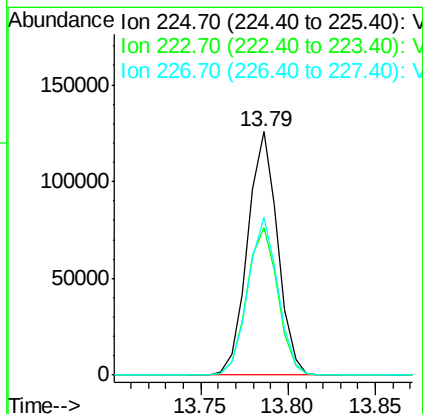
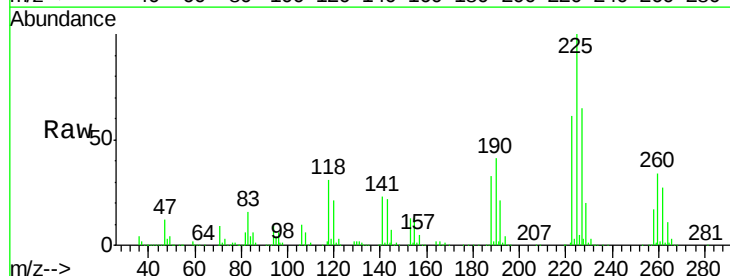
Instrument :
 MSVOA_X
 ClientSampleId :

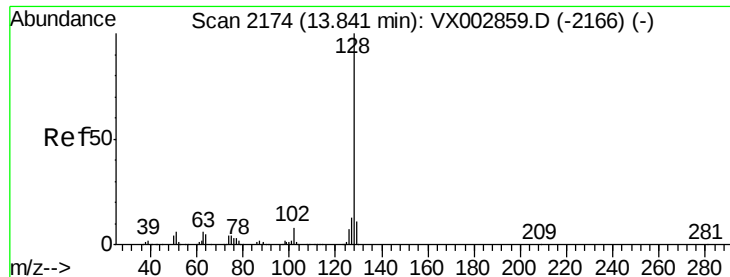
Tot Ion:180 Resp: 307491
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.7 143.1
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 50.83 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003163.D
 Acq: 03 Jul 2018 21:40

Tgt Ion:225 Resp: 149137
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.5 32.4 97.2

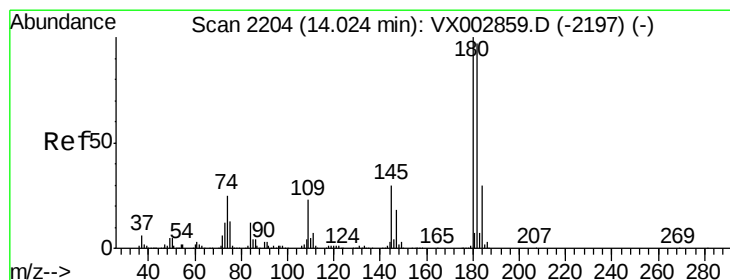
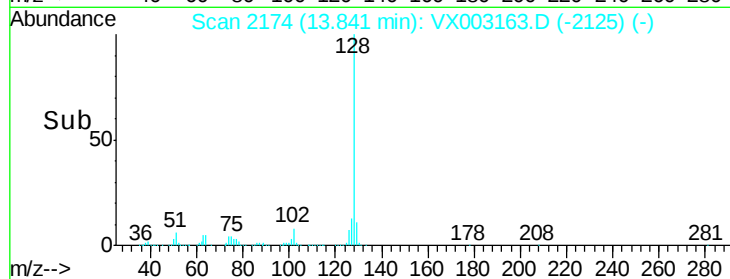
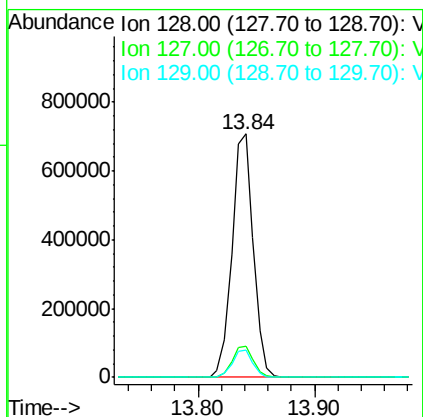
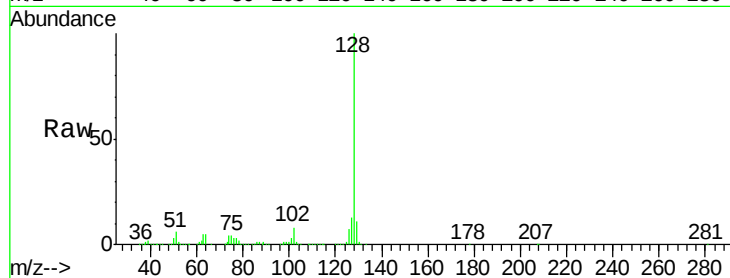




#95
Naphthalene
Concen: 57.24 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 896836
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.72 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003163.D
Acq: 03 Jul 2018 21:40

Tgt Ion:180 Resp: 321533
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 28.8 14.8 44.3

