

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003150.D
 Acq On : 03 Jul 2018 15:52
 Operator : JC/MD
 Sample : J3754-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:15:38 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	264370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	168779	46.19	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.51	113	140730	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	8.72	98	516797	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.14	95	186384	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	319	Below Cal		94
3) Chloromethane	1.33	50	7442	1.89 ug/l	#	63
5) Bromomethane	1.66	94	2104	Below Cal		97
10) Methyl Iodide	2.52	142	2873	7.07 ug/l		96
11) Tert butyl alcohol	3.08	59	16520	22.69 ug/l		100
13) Acrolein	2.32	56	182	4.67 ug/l	#	14
14) Allyl chloride	2.84	41	252001	49.03 ug/l	#	61
15) Acrylonitrile	3.17	53	2461	1.58 ug/l	#	43
16) Acetone	2.45	43	3944	2.61 ug/l		96
17) Carbon Disulfide	2.58	76	3084	0.44 ug/l	#	79
18) Methyl Acetate	2.84	43	617978	146.06 ug/l	#	55
20) Methylene Chloride	2.84	84	3876	1.32 ug/l	#	1
25) 2-Butanone	4.71	43	1069	0.48 ug/l	#	87
31) Cyclohexane	5.58	56	31008	6.77 ug/l		91
36) 1,1-Dichloropropene	5.67	75	17010	4.23 ug/l	#	51
38) Carbon Tetrachloride	5.67	117	23477	5.32 ug/l	#	15
39) Methylcyclohexane	7.46	83	20442	4.37 ug/l		93
40) Benzene	6.16	78	19359281	1657.30 ug/l		94
42) 1,2-Dichloroethane	6.16	62	188423	39.93 ug/l	#	77
48) Methyl methacrylate	7.79	41	1114	0.30 ug/l	#	78
49) 1,4-Dioxane	7.59	88	23	0.32 ug/l	#	1
51) 4-Methyl-2-Pentanone	8.66	43	10205	2.25 ug/l		92
52) Toluene	8.79	92	4953	0.66 ug/l		94
56) Ethyl methacrylate	9.19	69	1126	0.25 ug/l	#	77
59) 2-Hexanone	9.52	43	16889	4.89 ug/l		85
67) Ethyl Benzene	10.26	91	327371	22.62 ug/l		99
68) m/p-Xylenes	10.37	106	188222	33.74 ug/l		98
69) o-Xylene	10.70	106	1645	0.30 ug/l		99
73) Isopropylbenzene	11.02	105	142179	10.59 ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.33	83	882	0.21 ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	94883	26.24 ug/l	#	33
78) n-propylbenzene	11.37	91	61457	4.02 ug/l		99
79) 2-Chlorotoluene	11.46	91	6975	0.75 ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	39246	3.47 ug/l		99

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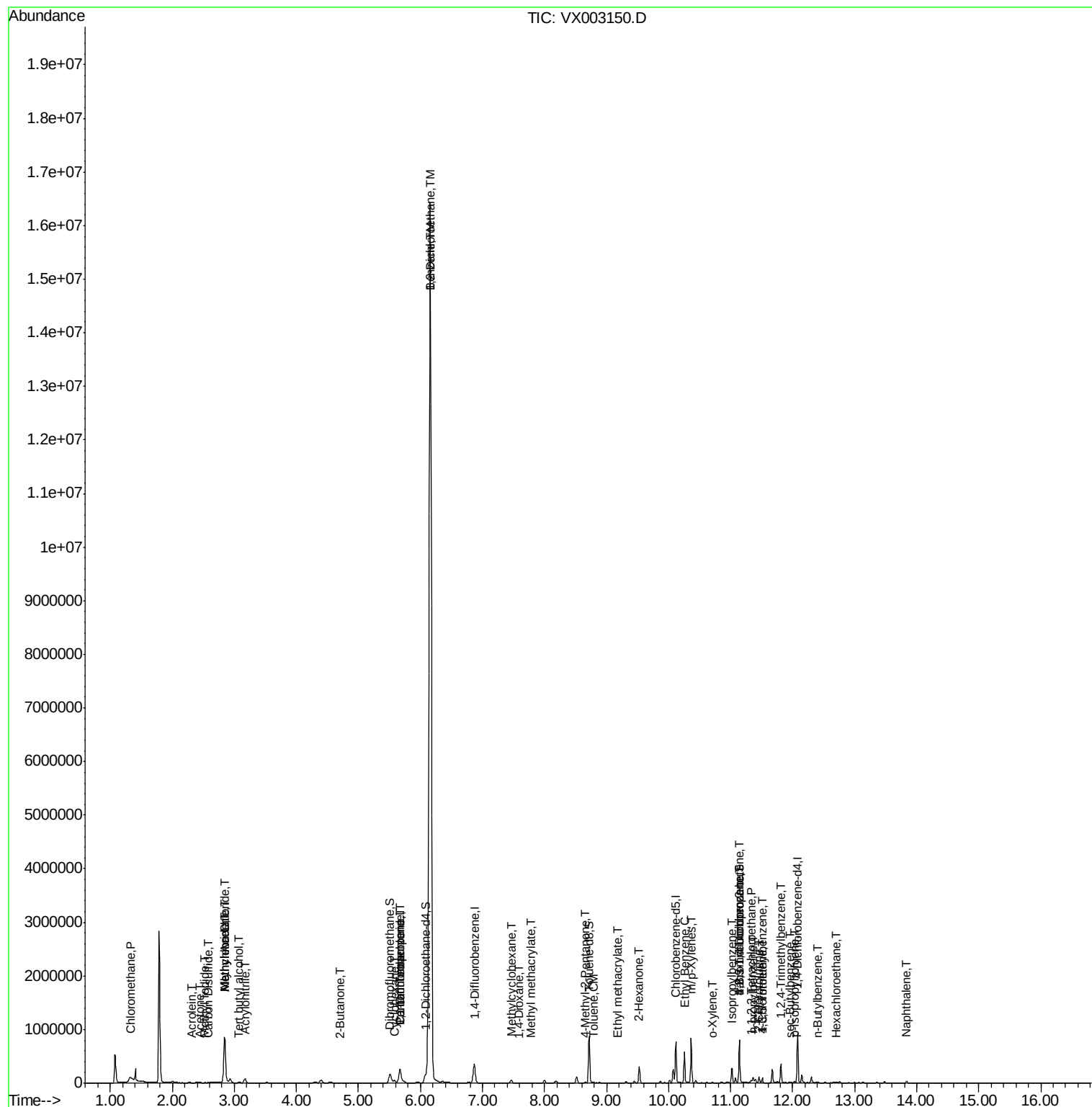
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	94883	74.37	ug/l #	7
82) 4-Chlorotoluene	11.51	91	4662	0.43	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.81	105	150640	12.85	ug/l	96
85) sec-Butylbenzene	11.95	105	4738	0.35	ug/l	82
86) p-Isopropyltoluene	12.03	119	6047	0.50	ug/l	94
89) n-Butylbenzene	12.39	91	2210	0.21	ug/l #	69
90) Hexachloroethane	12.71	117	2836	1.57	ug/l #	1
95) Naphthalene	13.84	128	16328	1.19	ug/l	99

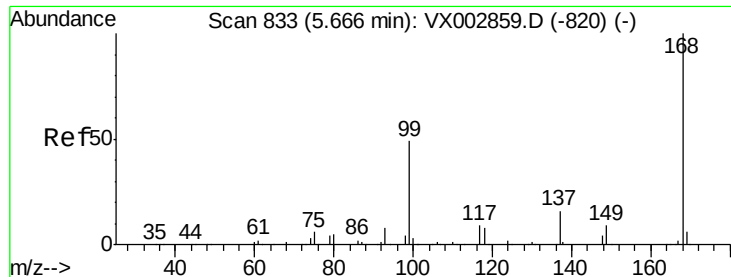
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

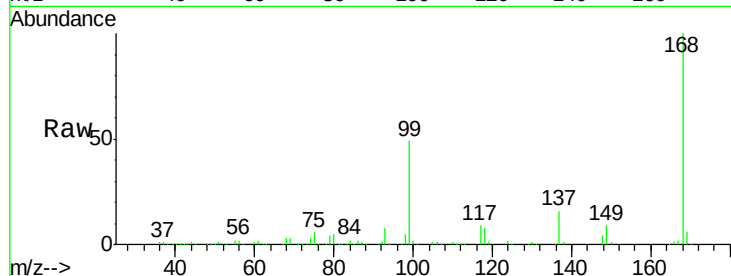
ClientSampleId :

Tot Ion:168 Resp: 264370

Ion Ratio Lower Upper

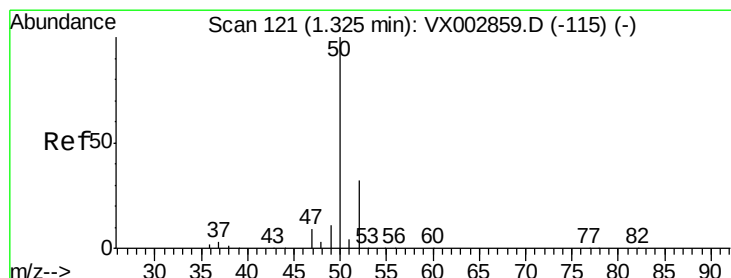
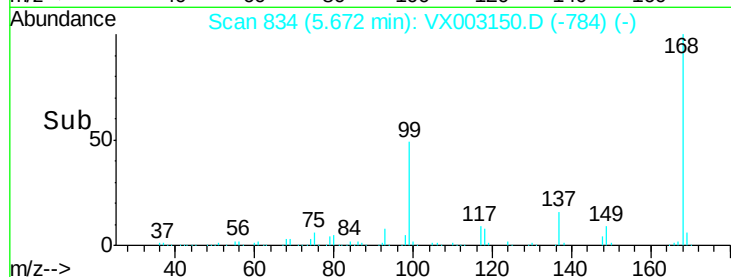
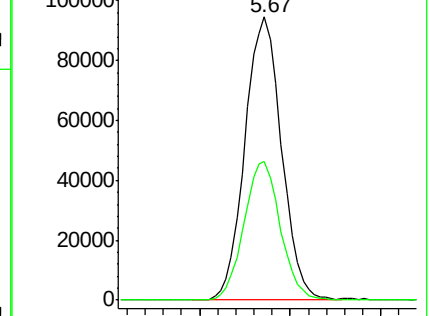
168 100

99 48.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.89 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003150.D

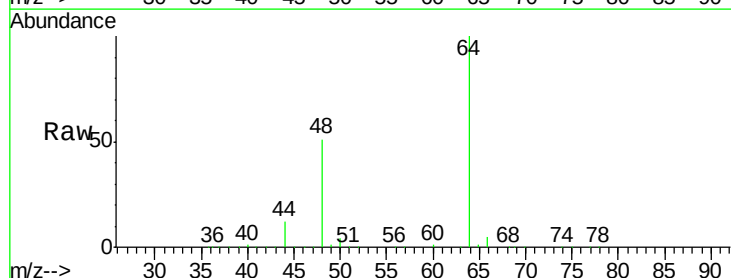
Acq: 03 Jul 2018 15:52

Tgt Ion: 50 Resp: 7442

Ion Ratio Lower Upper

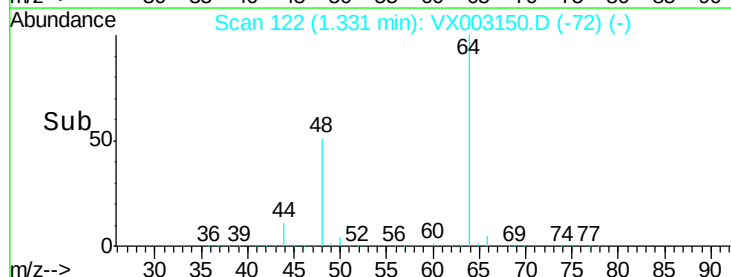
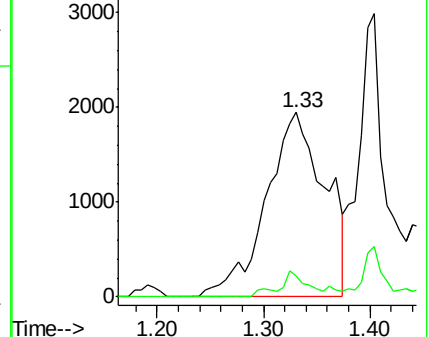
50 100

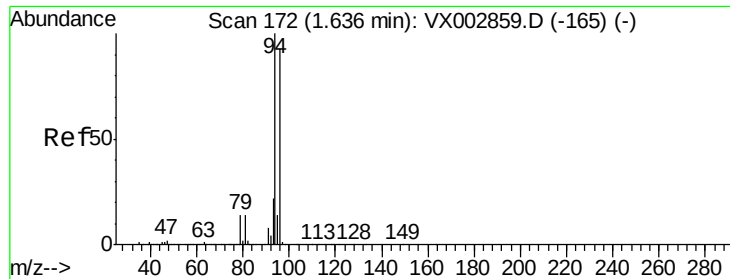
52 11.3 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

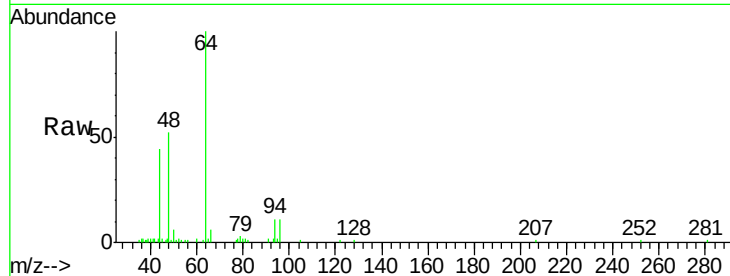
ClientSampleId :

Tot Ion: 94 Resp: 2104

Ion Ratio Lower Upper

94 100

96 96.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

800

600

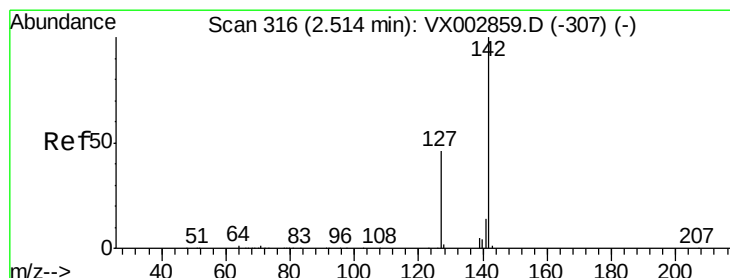
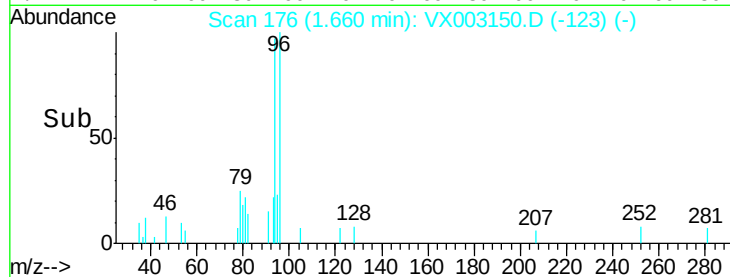
400

200

0

1.60 1.65 1.70

Time-->



#10

Methyl Iodide

Concen: 7.07 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

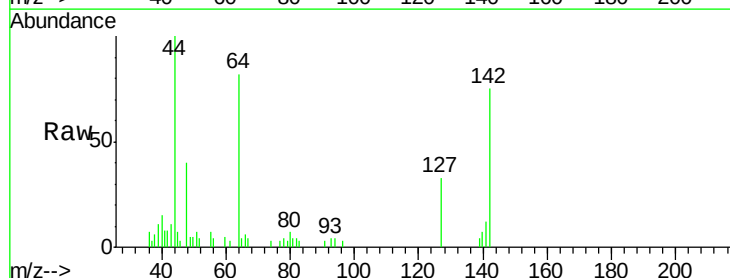
Tgt Ion: 142 Resp: 2873

Ion Ratio Lower Upper

142 100

127 48.0 36.6 55.0

141 15.8 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

2.52

1500

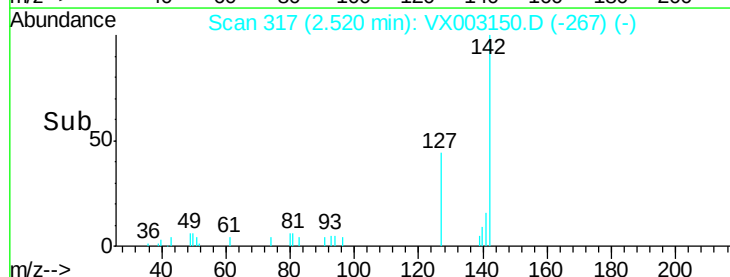
1000

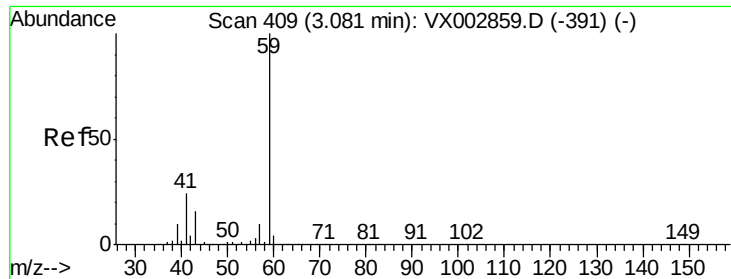
500

0

2.45 2.50 2.55 2.60

Time-->

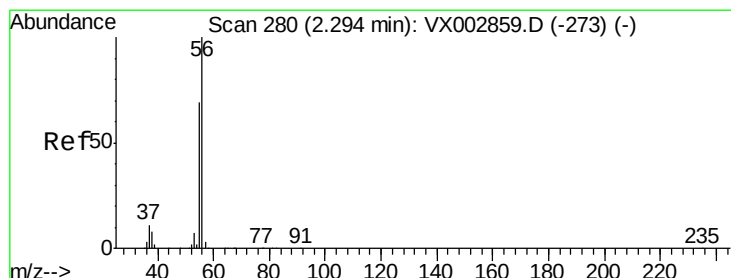
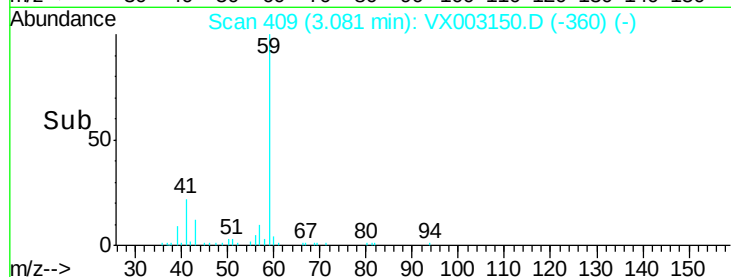
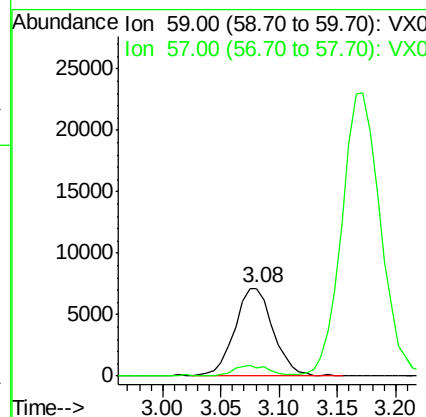
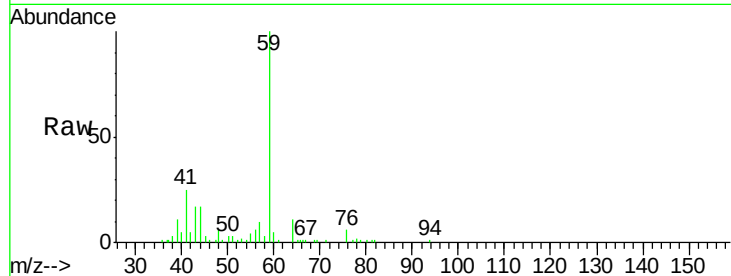




#11
Tert butyl alcohol
Concen: 22.69 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

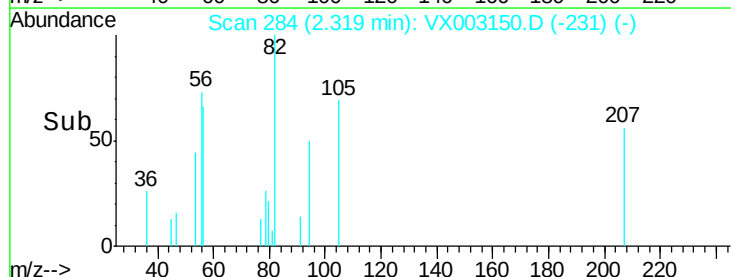
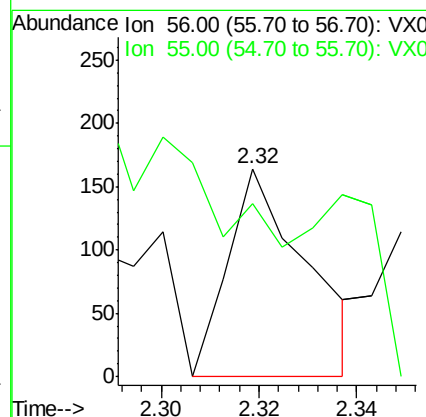
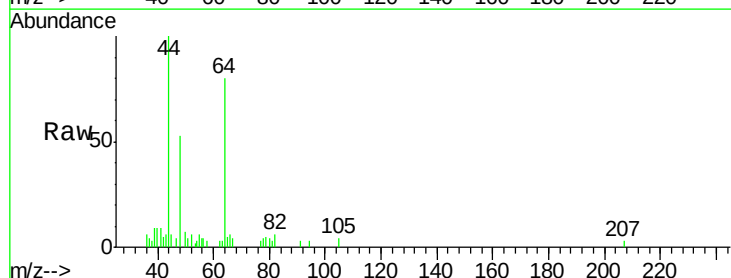
Instrument :
MSVOA_X
ClientSampled :

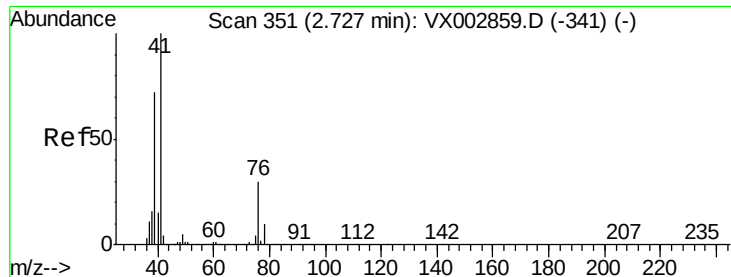
Tot Ion: 59 Resp: 16520
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#13
Acrolein
Concen: 4.67 ug/l
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Tgt Ion: 56 Resp: 182
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#14

Allvl chloride

Concen: 49.03 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

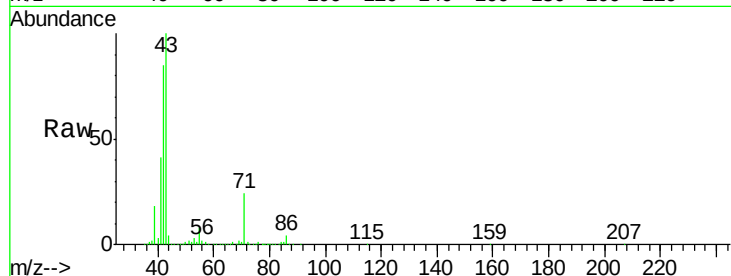
Tot Ion: 41 Resp: 252001

Ion Ratio Lower Upper

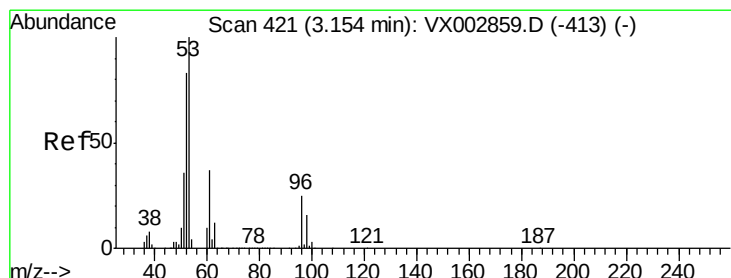
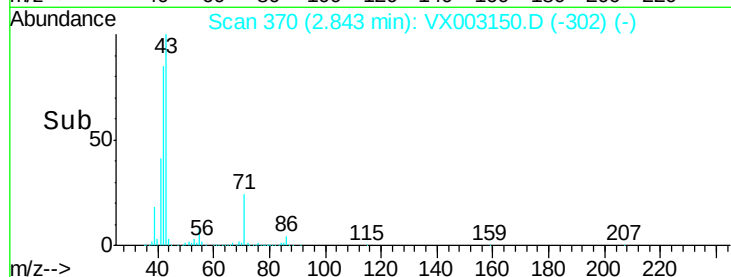
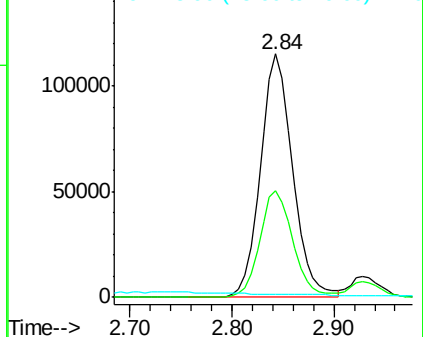
41 100

39 44.8 56.8 85.2#

76 0.0 23.8 35.8#



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



#15

Acrylonitrile

Concen: 1.58 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

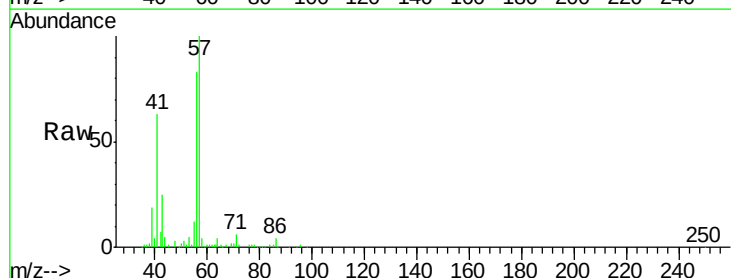
Tgt Ion: 53 Resp: 2461

Ion Ratio Lower Upper

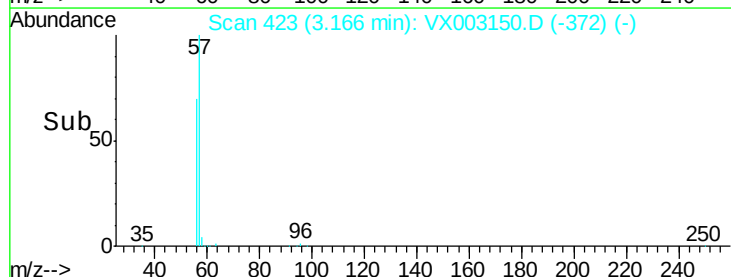
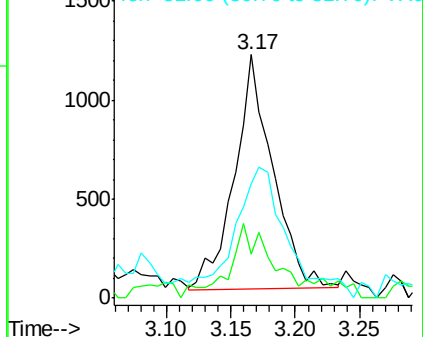
53 100

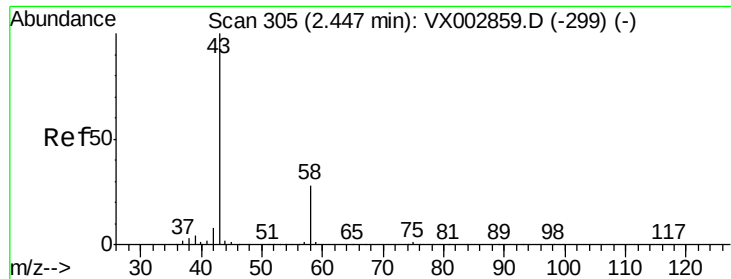
52 36.4 66.7 100.1#

51 77.4 29.9 44.9#



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





#16

Acetone

Concen: 2.61 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

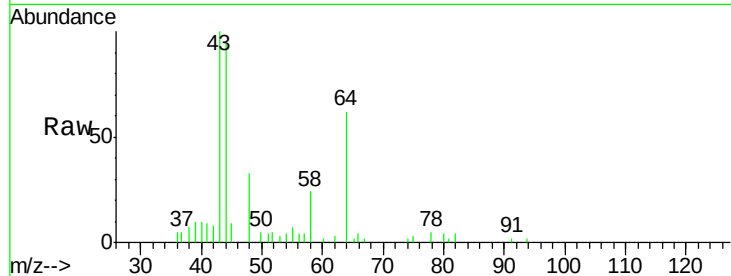
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3944

Ion Ratio Lower Upper

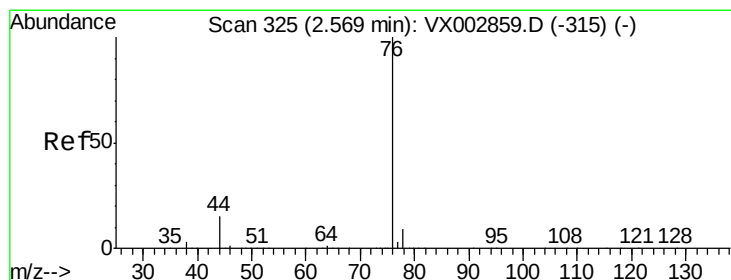
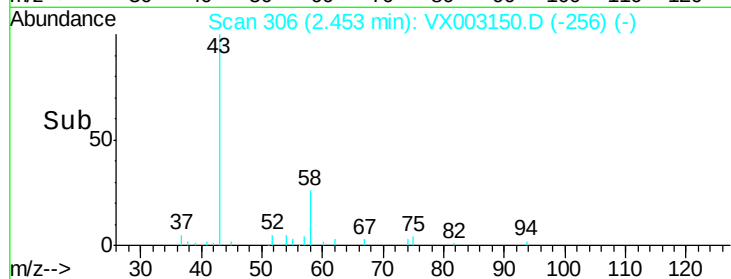
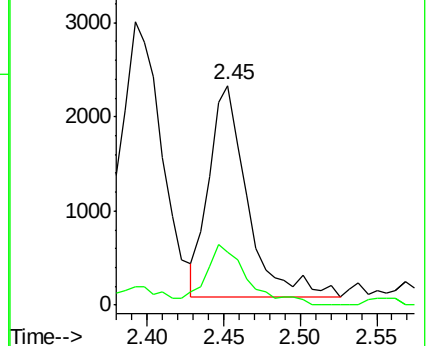
43 100

58 25.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.44 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX003150.D

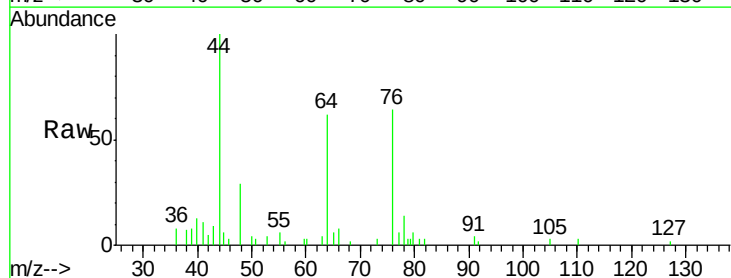
Acq: 03 Jul 2018 15:52

Tgt Ion: 76 Resp: 3084

Ion Ratio Lower Upper

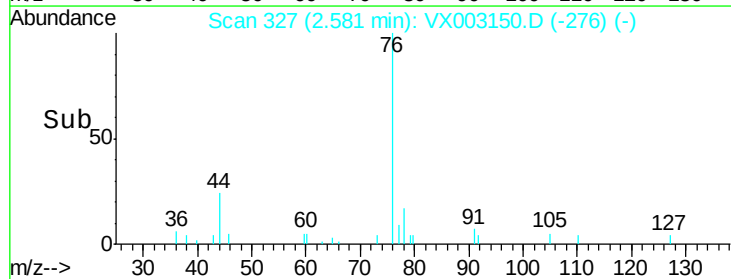
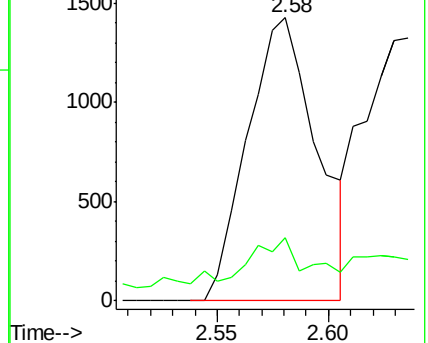
76 100

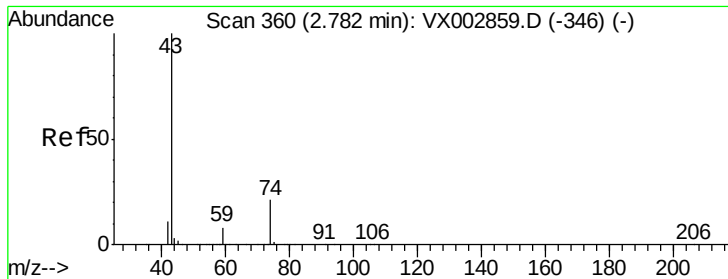
78 16.0 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

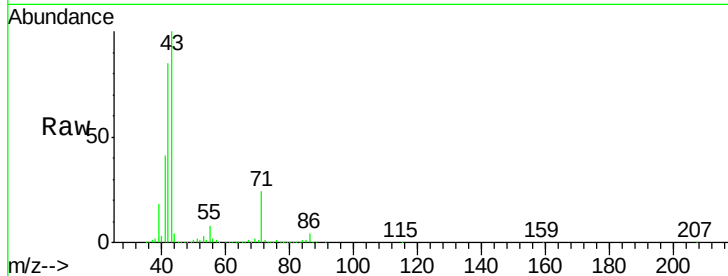




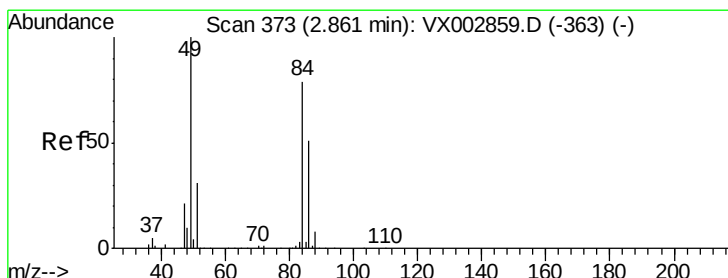
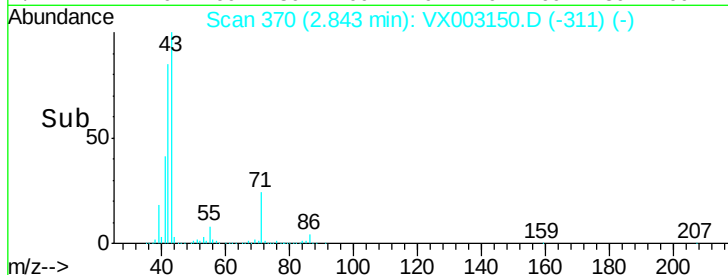
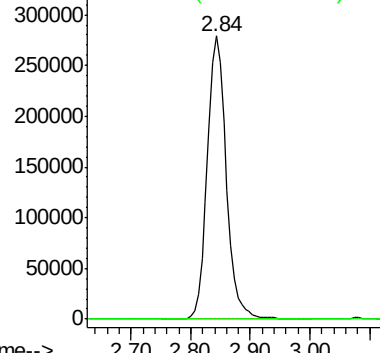
#18
Methyl Acetate
Concen: 146.06 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 617978
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

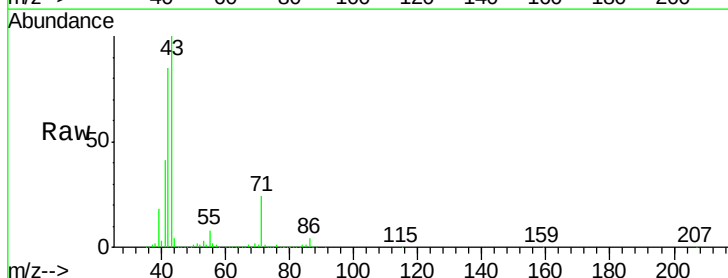


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

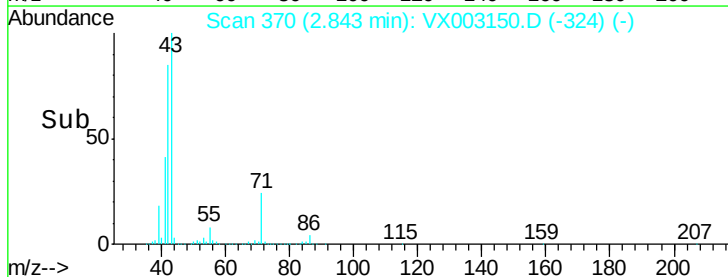
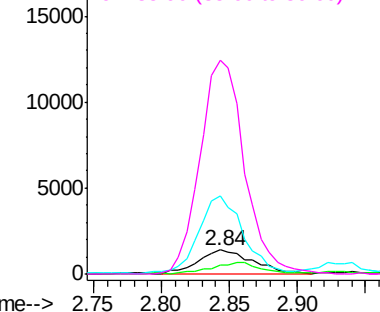


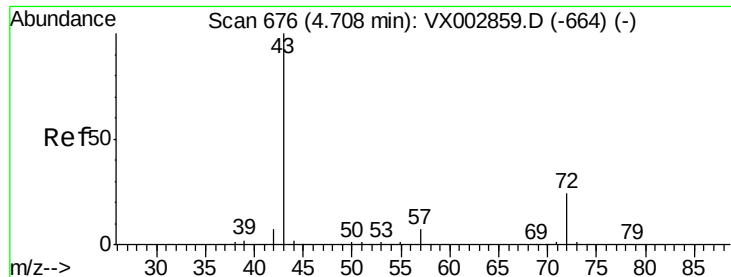
#20
Methylene Chloride
Concen: 1.32 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Tgt Ion: 84 Resp: 3876
Ion Ratio Lower Upper
84 100
49 31.1 107.8 161.6#
51 317.6 32.8 49.2#
86 882.3 52.5 78.7#



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

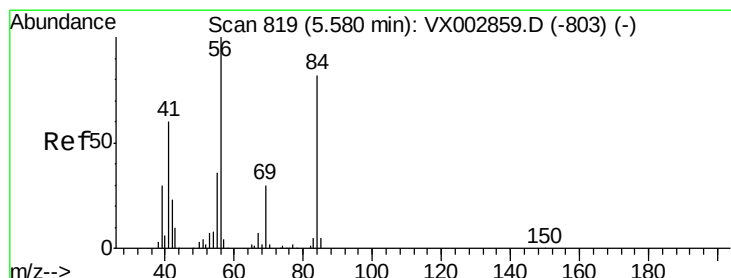
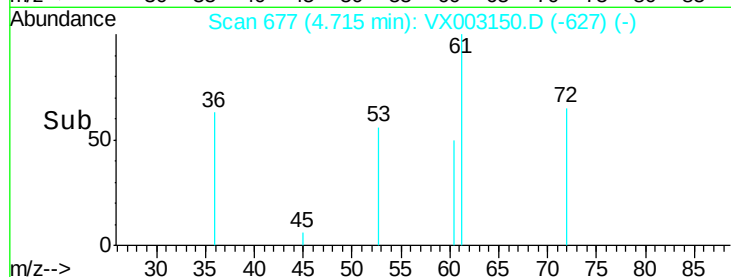
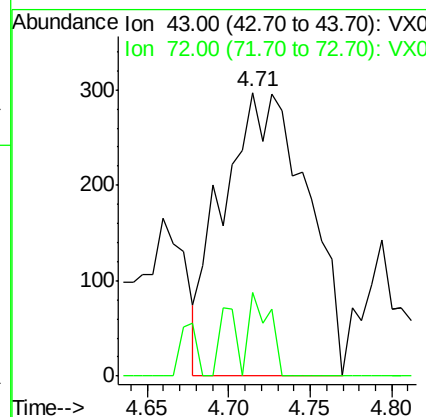
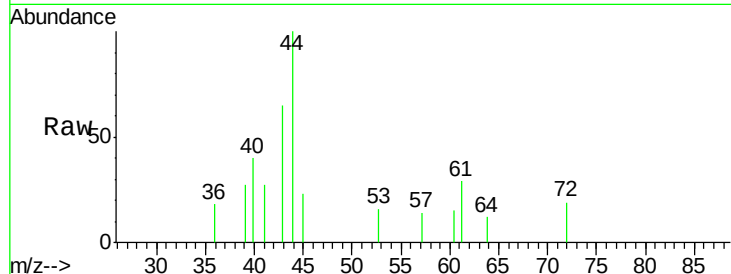




#25
2-Butanone
Concen: 0.48 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

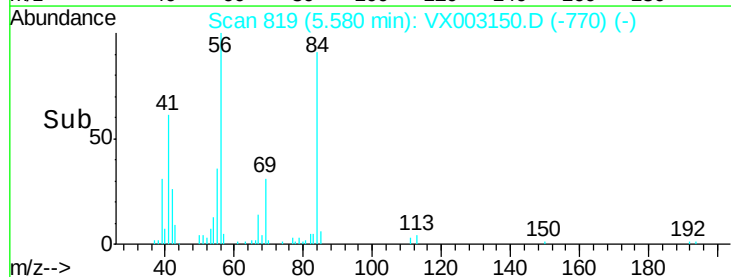
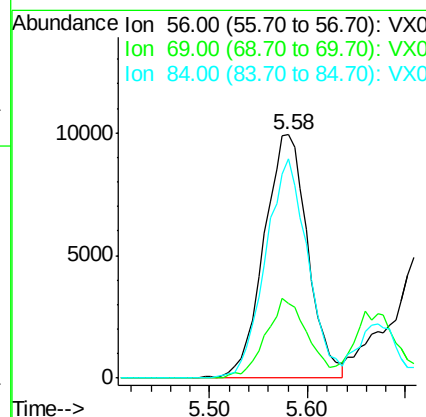
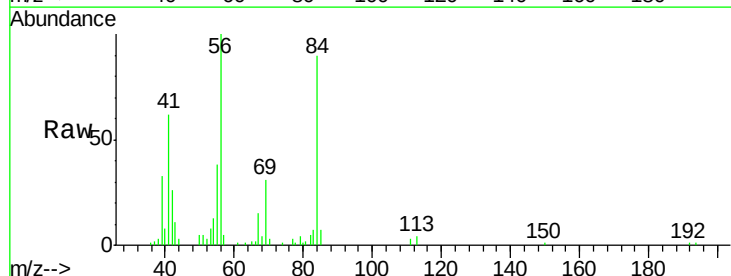
Instrument :
MSVOA_X
ClientSampled :

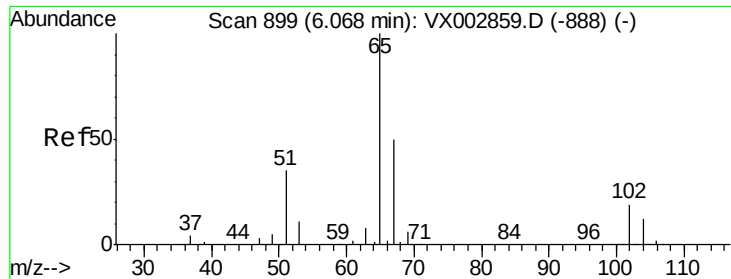
Tot Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
72 29.3 18.5 27.7#



#31
Cyclohexane
Concen: 6.77 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Tgt Ion: 56 Resp: 31008
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 90.1 64.1 96.1

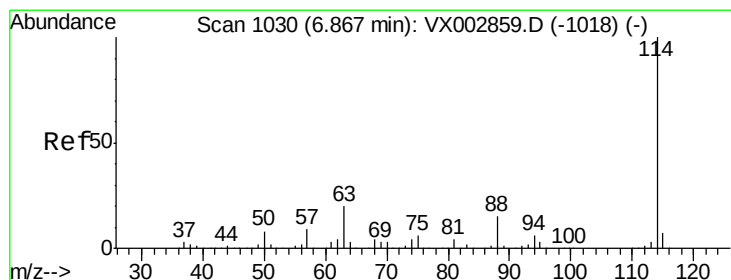
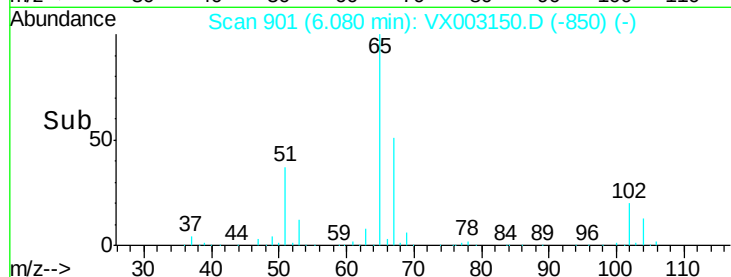
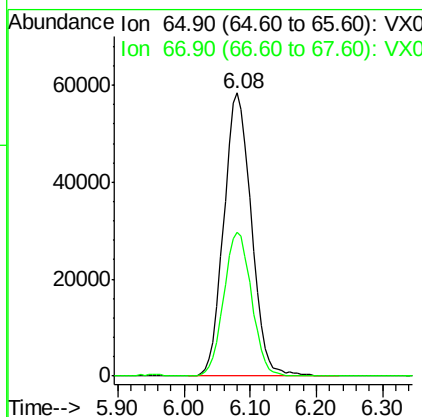
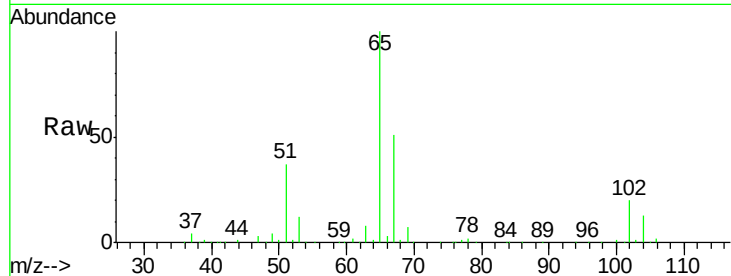




#33
 1,2-Dichloroethane-d4
 Concen: 46.19 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003150.D
 Acq: 03 Jul 2018 15:52

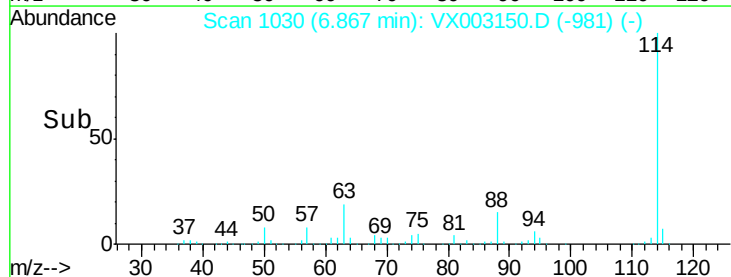
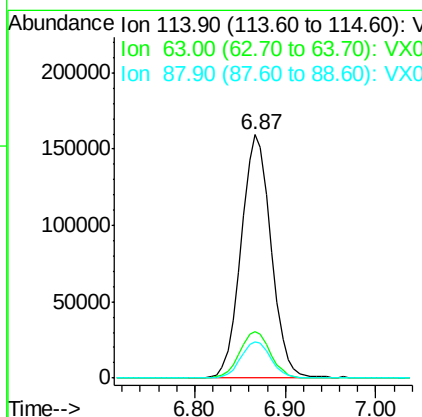
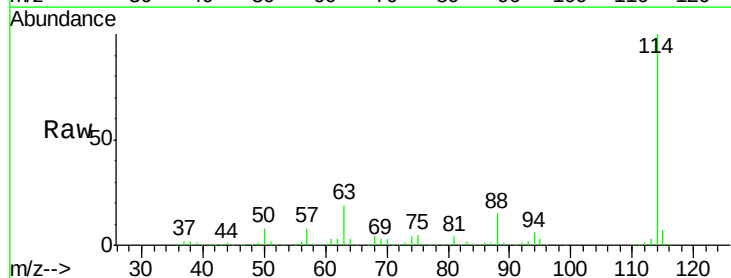
Instrument :
 MSVOA_X
 ClientSampleId :

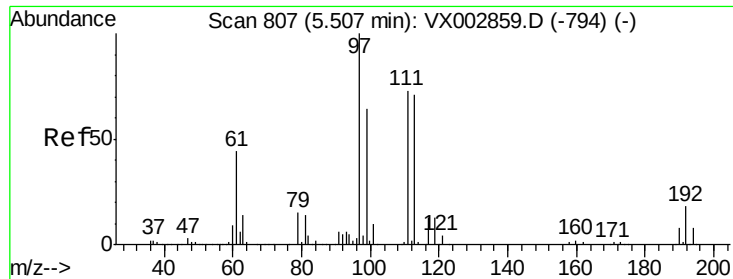
Tot Ion: 65 Resp: 168779
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003150.D
 Acq: 03 Jul 2018 15:52

Tgt Ion: 114 Resp: 366607
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 15.1 0.0 30.0

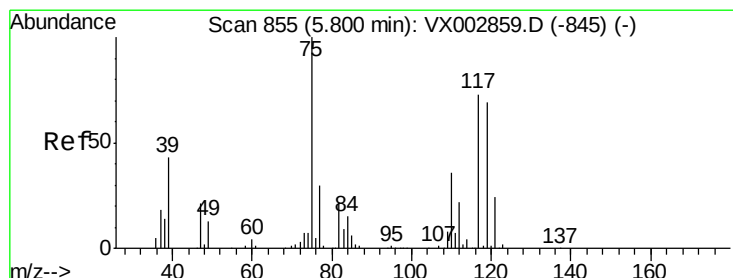
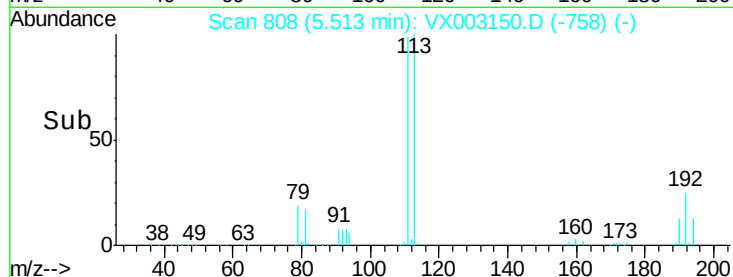
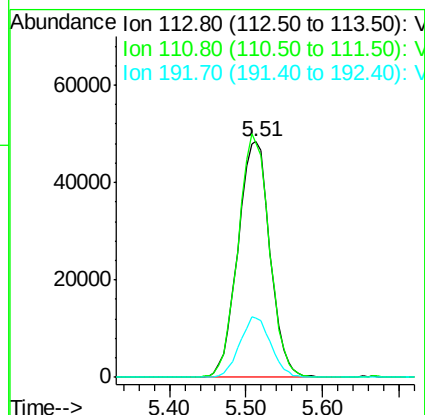
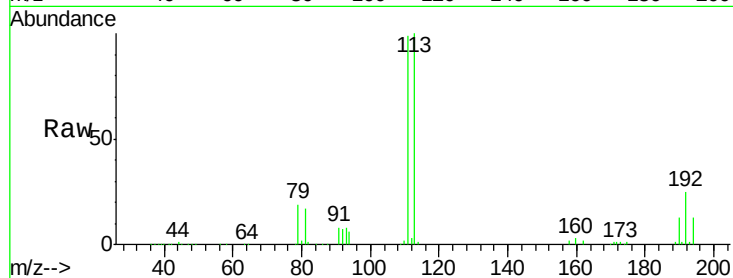




#35
 Dibromofluoromethane
 Concen: 48.47 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003150.D
 Acq: 03 Jul 2018 15:52

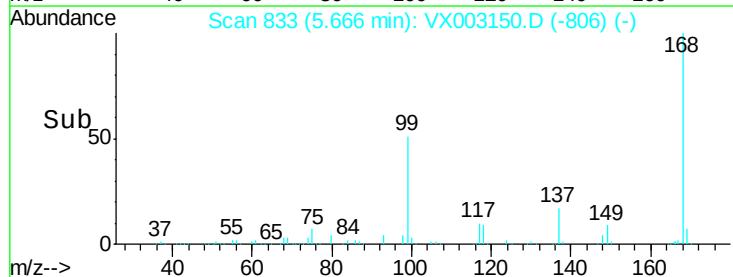
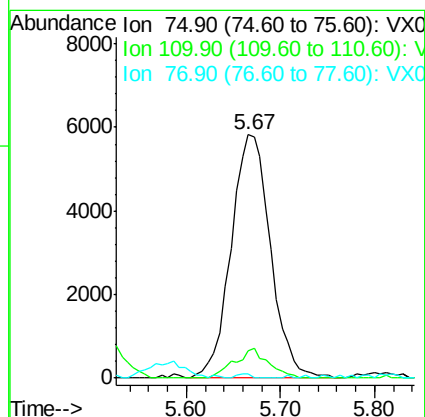
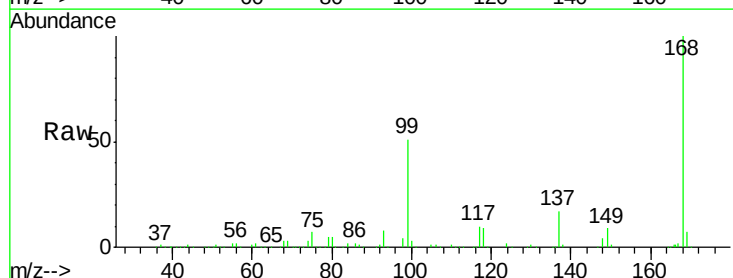
Instrument :
 MSVOA_X
 ClientSampleId :

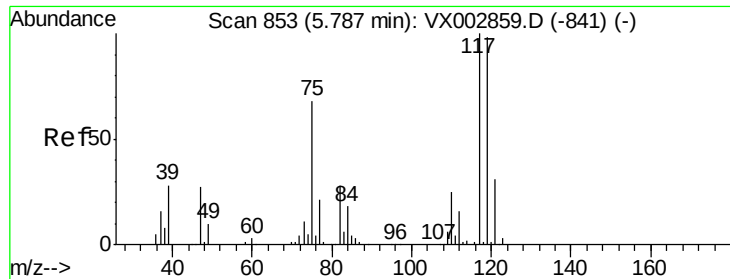
Tot Ion:113 Resp: 140730
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.4 122.0
 192 24.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.23 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003150.D
 Acq: 03 Jul 2018 15:52

Tgt Ion: 75 Resp: 17010
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.1 54.4#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.32 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

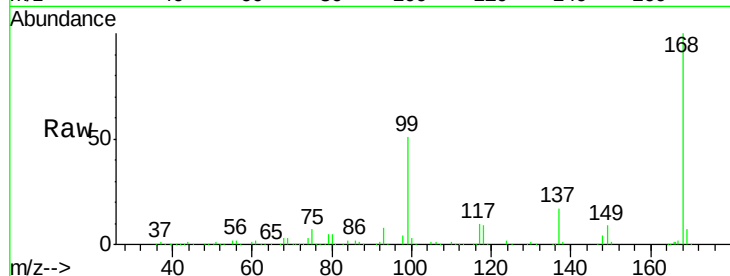
Tot Ion:117 Resp: 23477

Ion Ratio Lower Upper

117 100

119 4.5 77.4 116.0#

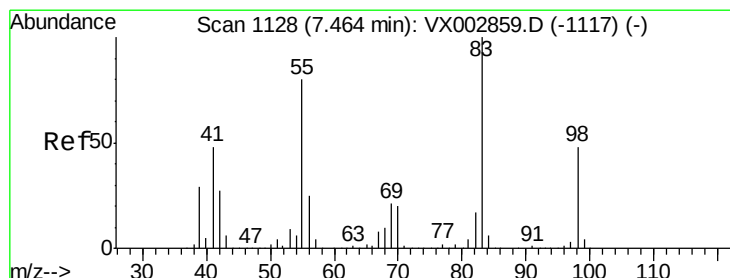
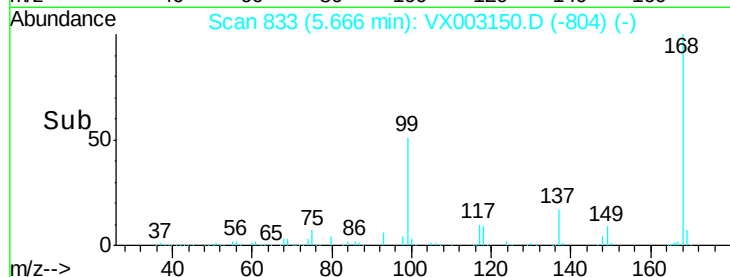
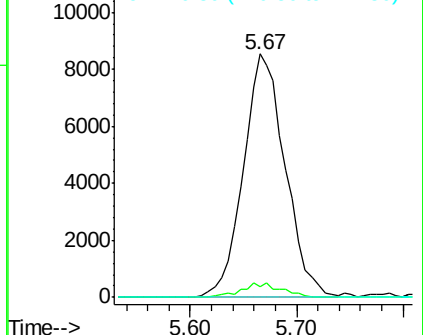
121 0.0 24.4 36.6#



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

Methylcyclohexane

Concen: 4.37 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

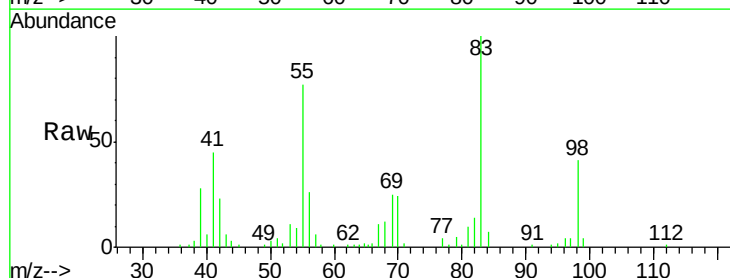
Tgt Ion: 83 Resp: 20442

Ion Ratio Lower Upper

83 100

55 76.2 65.4 98.0

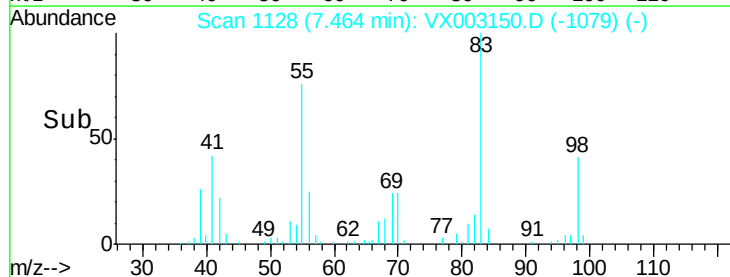
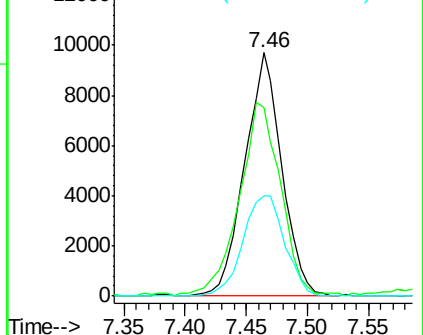
98 41.3 37.4 56.0

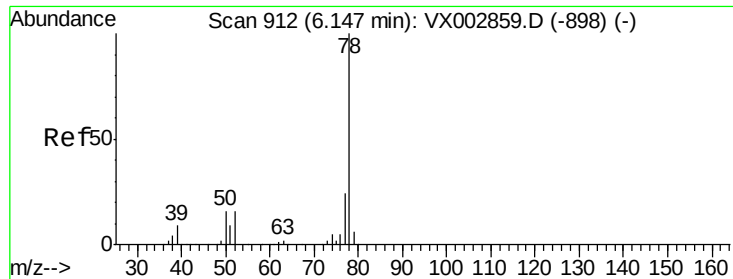


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1657.30 ug/l

RT: 6.16 min Scan# 914

Delta R.T. 0.01 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

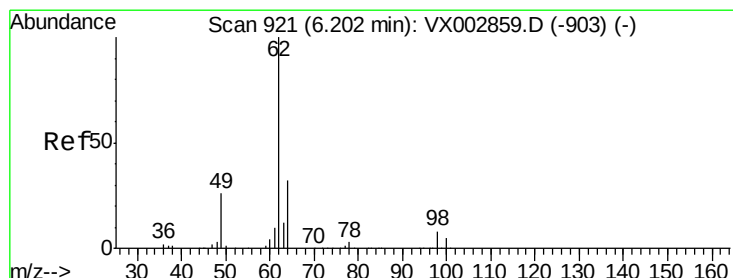
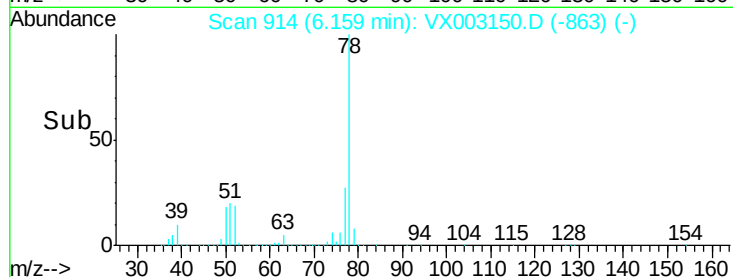
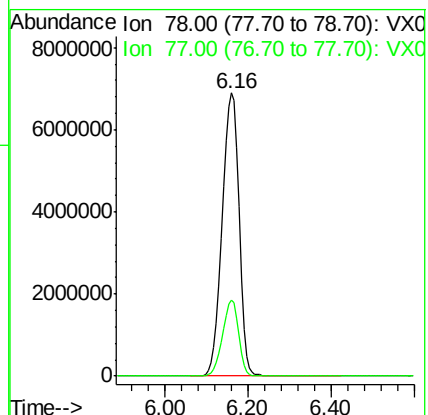
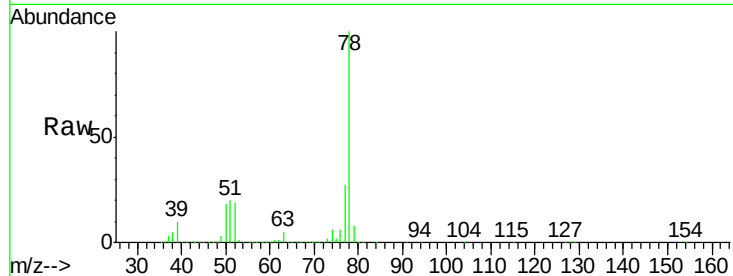
ClientSampleId :

Tot Ion: 78 Resp:19359281

Ion Ratio Lower Upper

78 100

77 27.0 19.1 28.7



#42

1,2-Dichloroethane

Concen: 39.93 ug/l

RT: 6.16 min Scan# 914

Delta R.T. -0.04 min

Lab File: VX003150.D

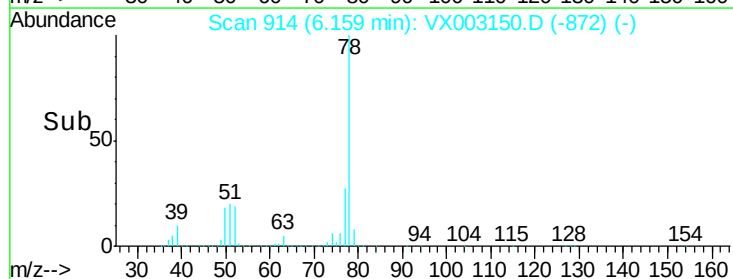
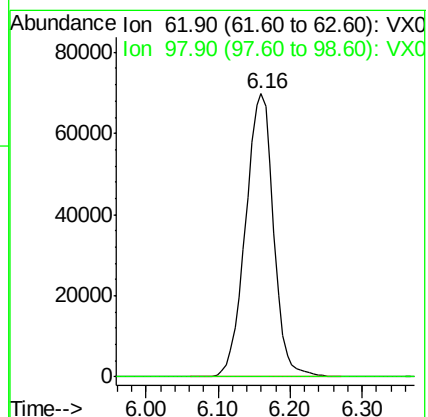
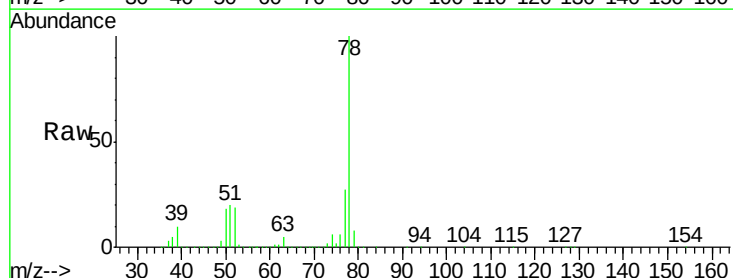
Acq: 03 Jul 2018 15:52

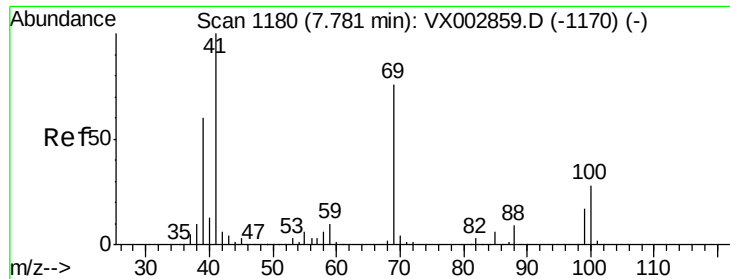
Tgt Ion: 62 Resp: 188423

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6

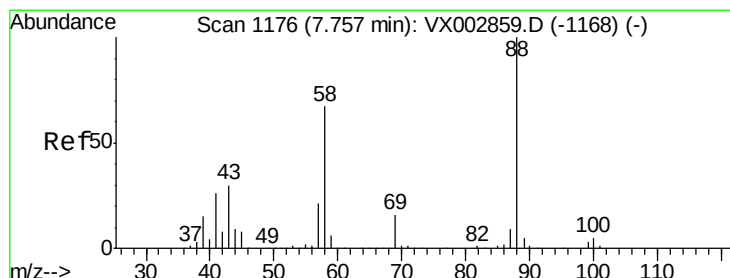
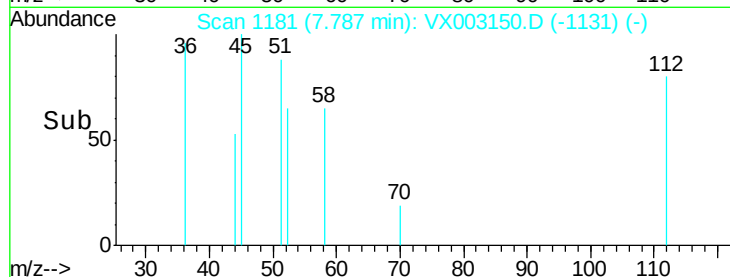
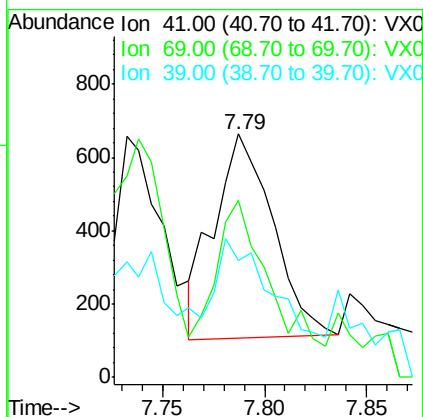
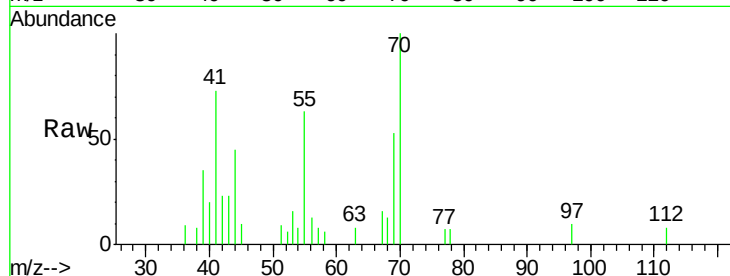




#48
Methyl methacrylate
Concen: 0.30 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

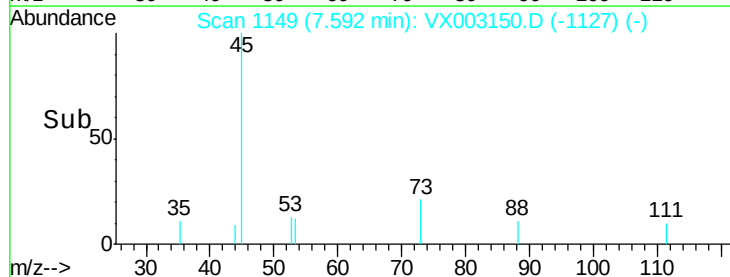
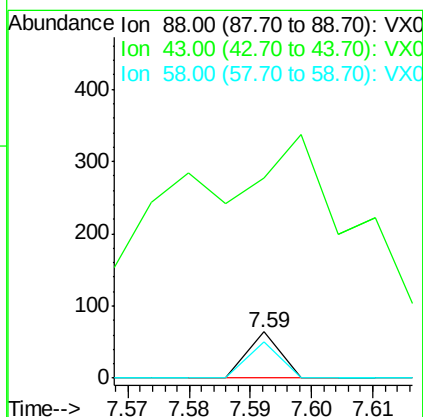
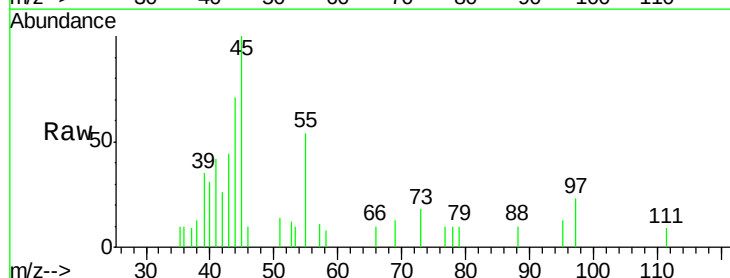
Instrument :
MSVOA_X
ClientSampled :

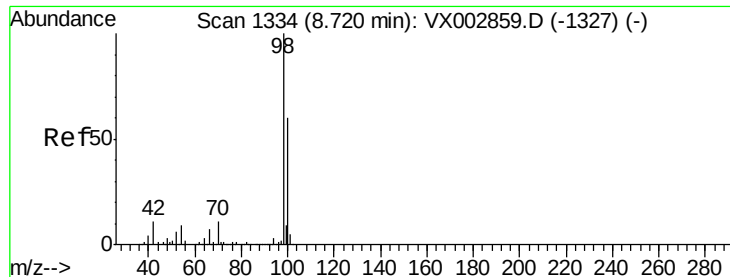
Tot Ion: 41 Resp: 1114
Ion Ratio Lower Upper
41 100
69 88.7 59.1 88.7#
39 39.8 48.9 73.3#



#49
1,4-Dioxane
Concen: 0.32 ug/l
RT: 7.59 min Scan# 1149
Delta R.T. -0.16 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 2191.3 29.8 44.6#
58 0.0 57.1 85.7#

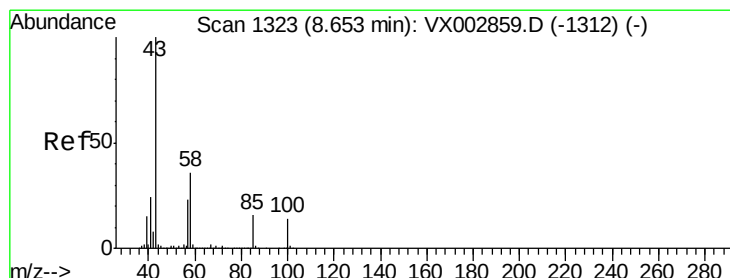
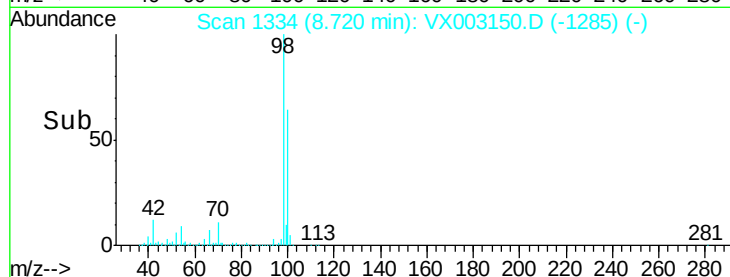
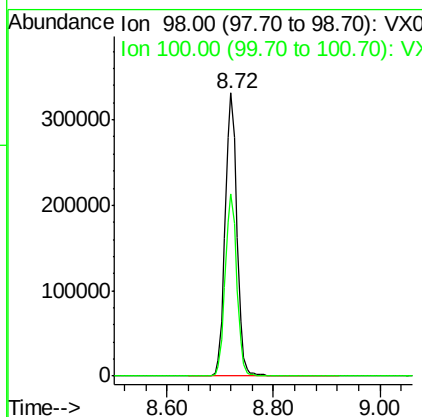
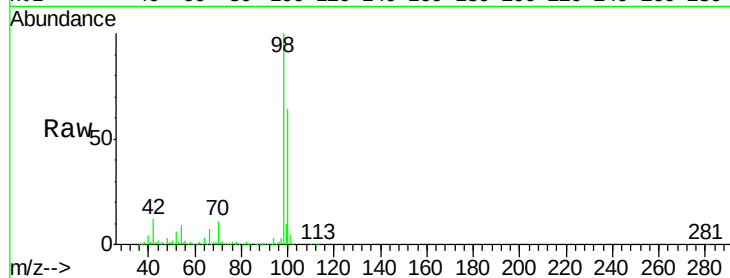




#50
Toluene-d8
Concen: 48.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

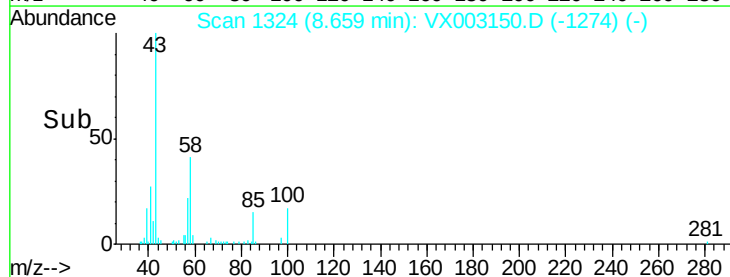
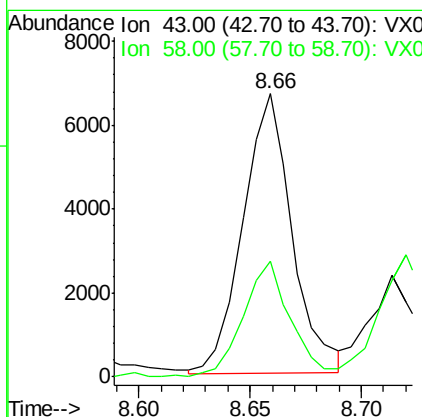
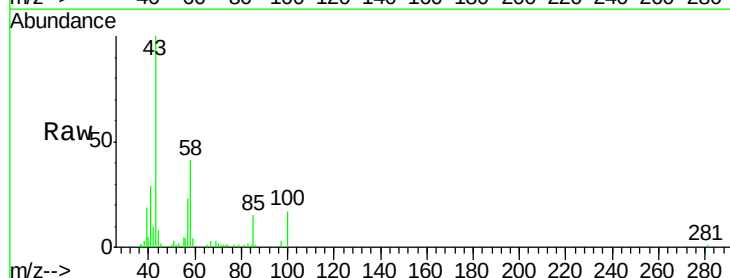
Instrument :
MSVOA_X
ClientSampleId :

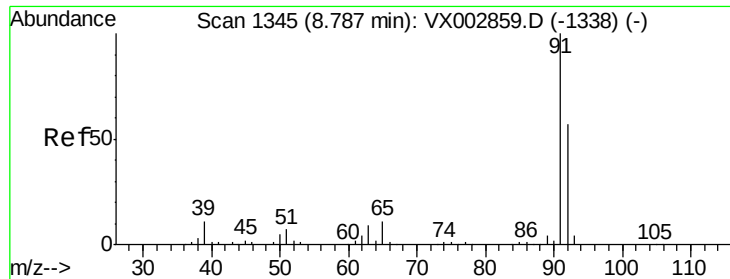
Tot Ion: 98 Resp: 516797
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 2.25 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Tgt Ion: 43 Resp: 10205
Ion Ratio Lower Upper
43 100
58 40.1 28.6 42.8





#52

Toluene

Concen: 0.66 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

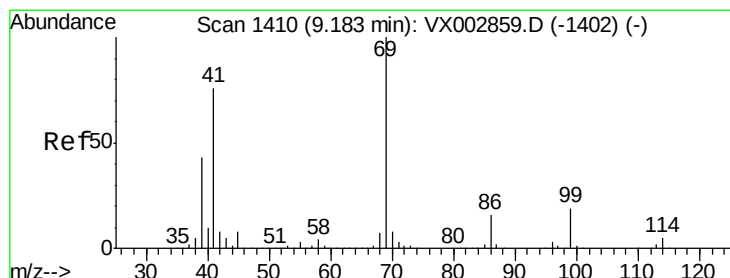
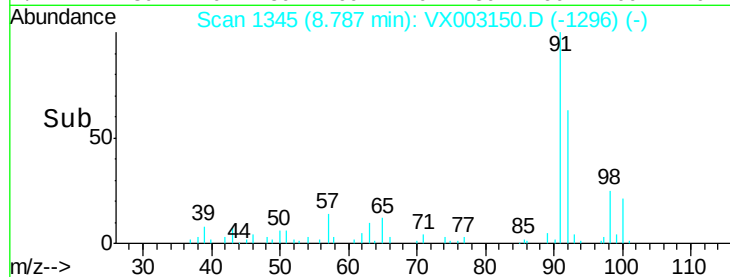
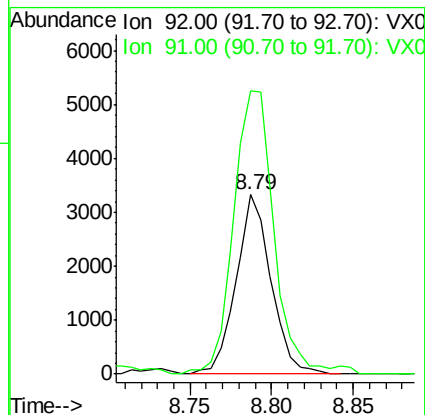
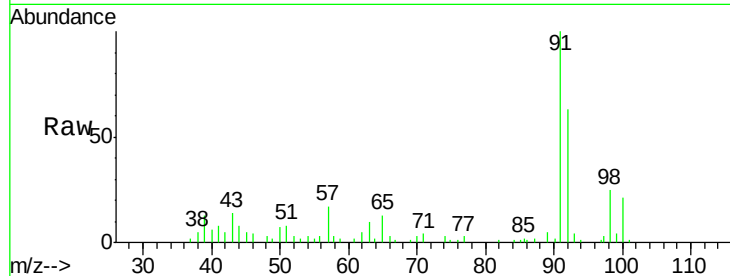
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 4953

Ion Ratio Lower Upper

92 100

91 183.8 140.4 210.6



#56

Ethyl methacrylate

Concen: 0.25 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

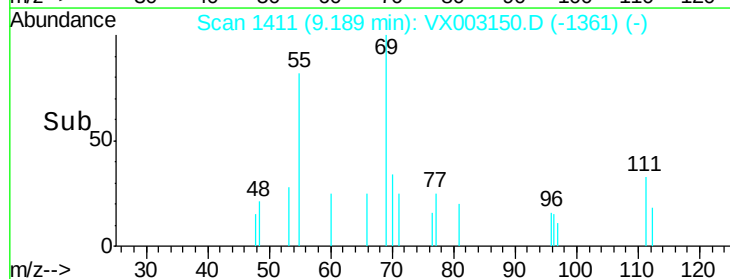
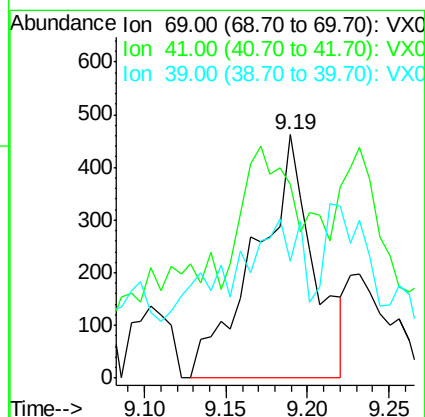
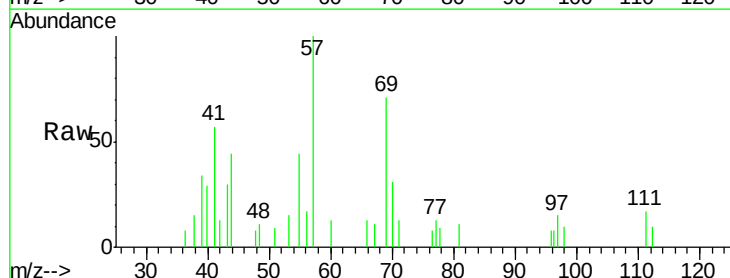
Tgt Ion: 69 Resp: 1126

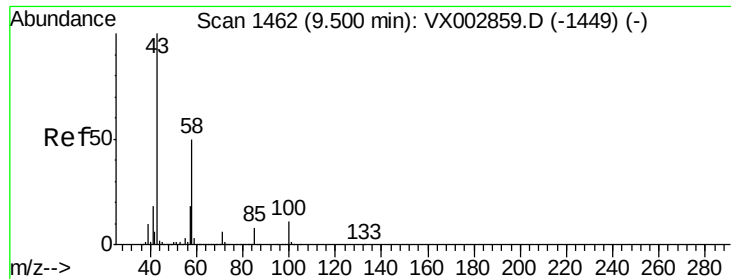
Ion Ratio Lower Upper

69 100

41 56.9 60.3 90.5#

39 29.1 35.8 53.8#

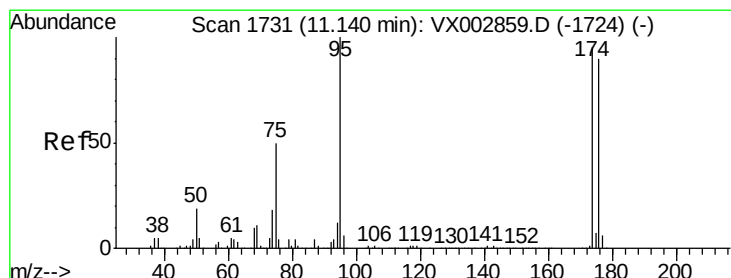
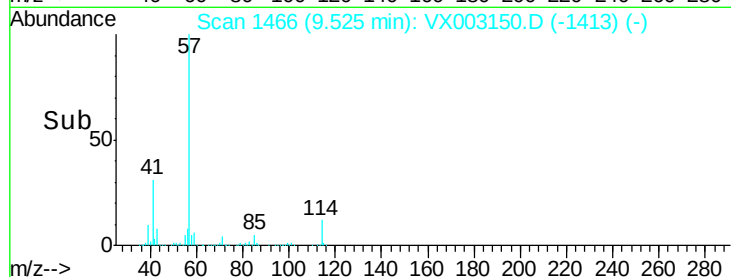
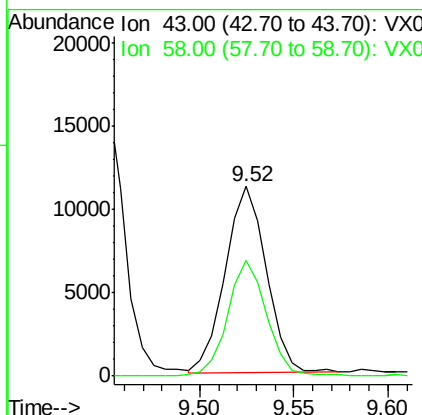
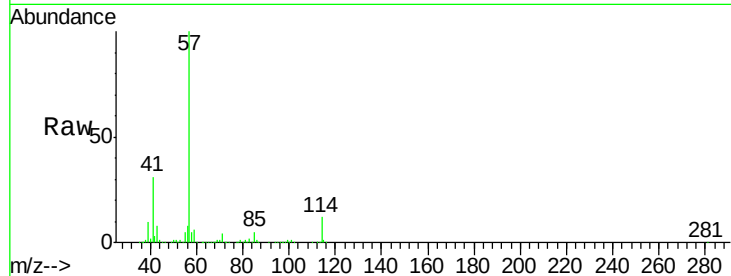




#59
2-Hexanone
Concen: 4.89 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

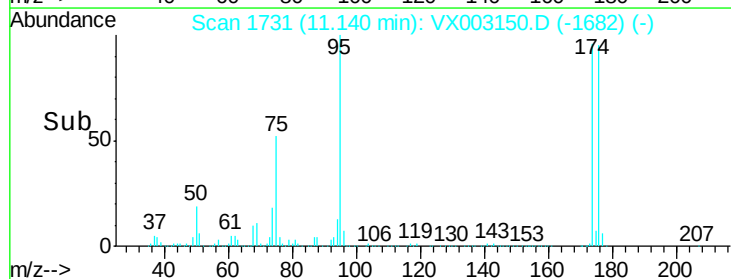
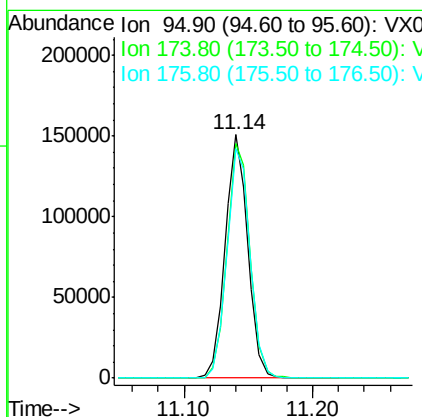
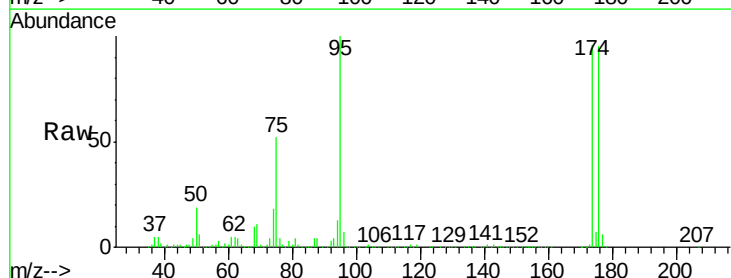
Instrument :
MSVOA_X
ClientSampleId :

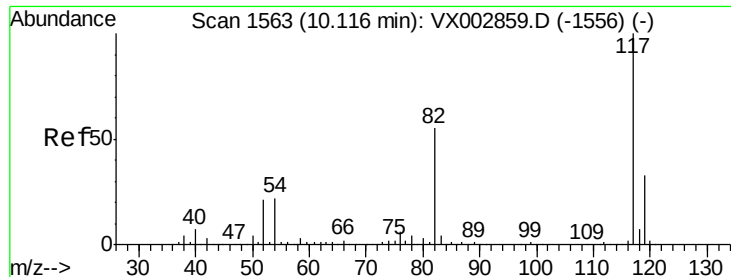
Tot Ion: 43 Resp: 16889
Ion Ratio Lower Upper
43 100
58 59.1 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Tgt Ion: 95 Resp: 186384
Ion Ratio Lower Upper
95 100
174 98.3 0.0 187.4
176 96.8 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

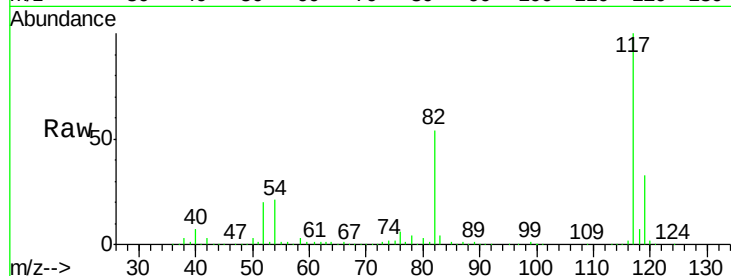
Tot Ion:117 Resp: 344944

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.4

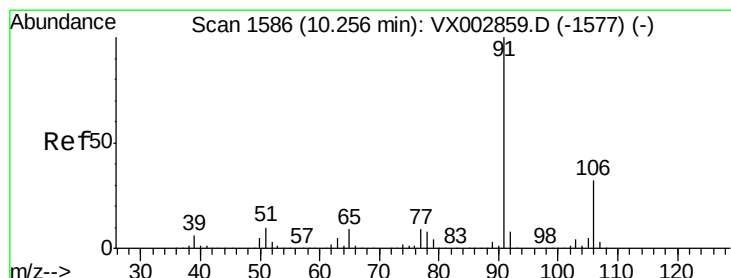
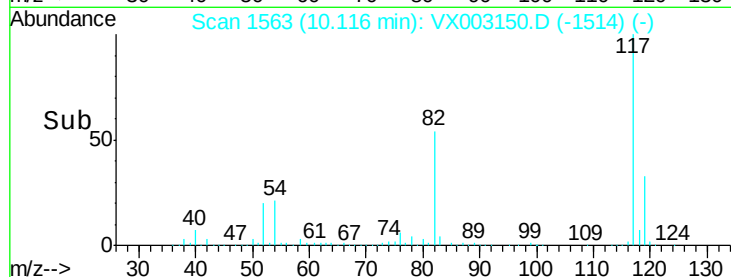
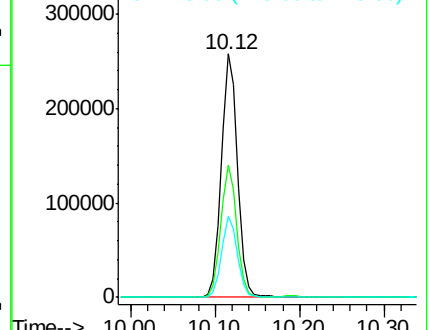
119 33.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 22.62 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003150.D

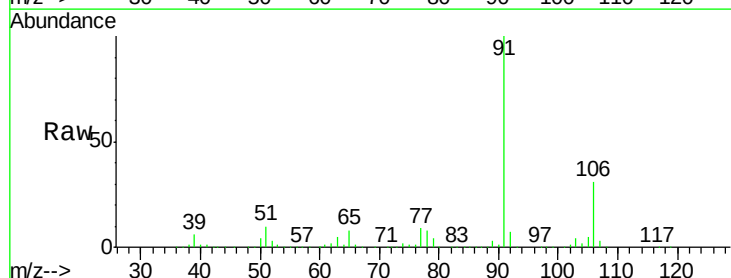
Acq: 03 Jul 2018 15:52

Tgt Ion: 91 Resp: 327371

Ion Ratio Lower Upper

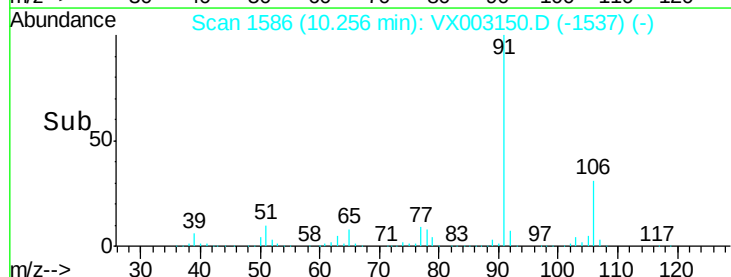
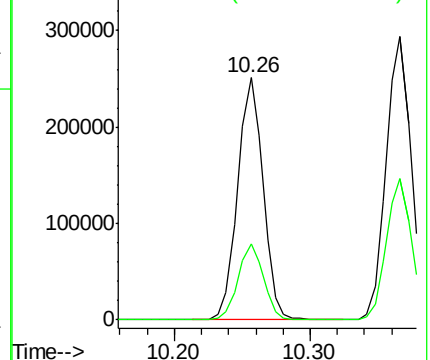
91 100

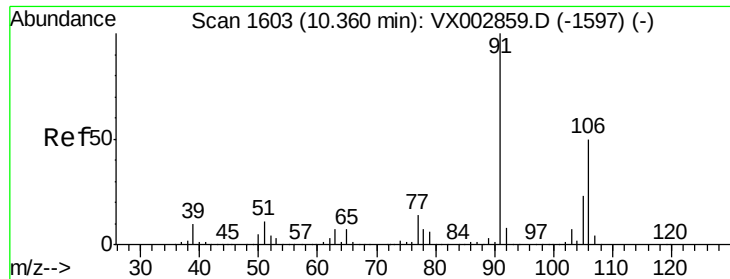
106 31.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

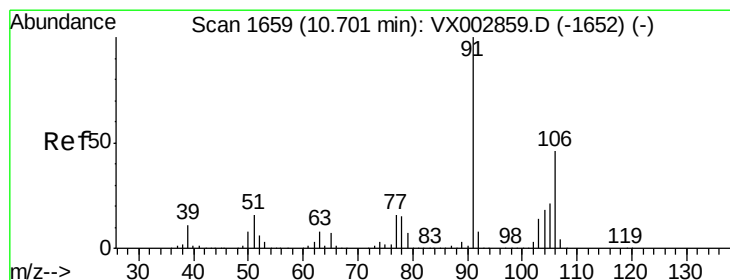
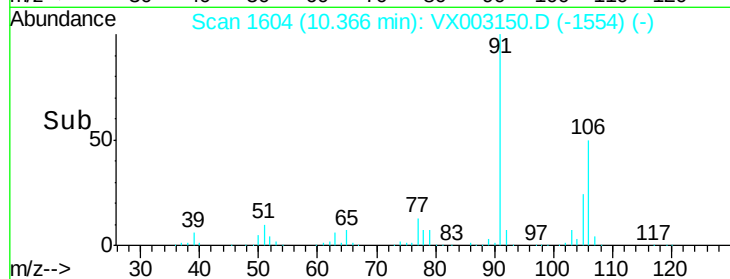
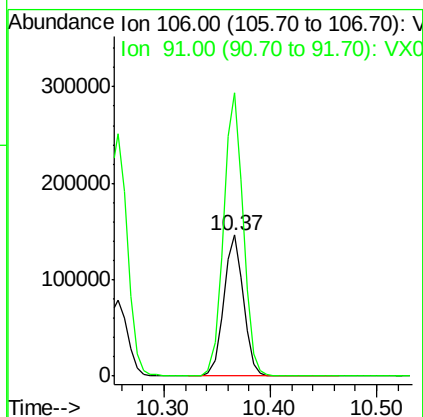
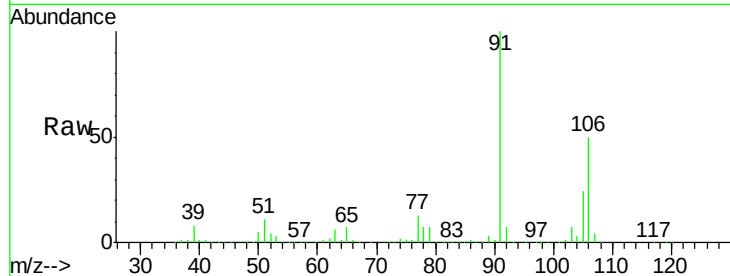




#68
m/p-Xylenes
Concen: 33.74 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

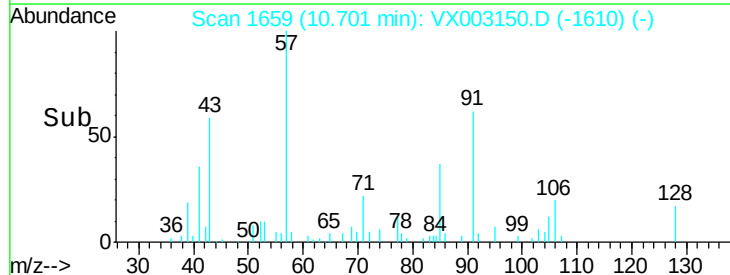
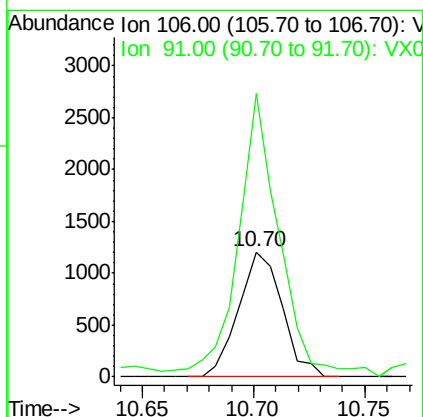
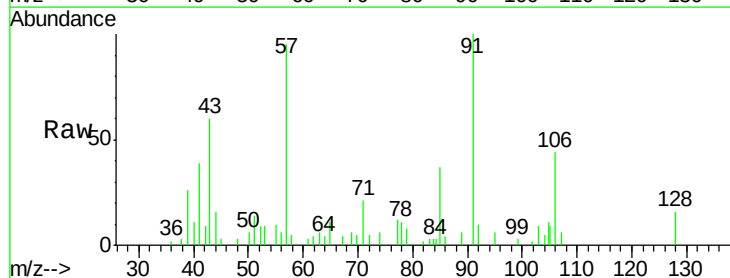
Instrument :
MSVOA_X
ClientSampleId :

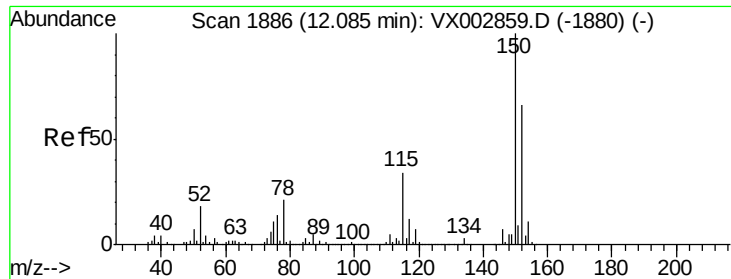
Tot Ion:106 Resp: 188222
Ion Ratio Lower Upper
106 100
91 200.6 163.4 245.2



#69
o-Xylene
Concen: 0.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Tgt Ion:106 Resp: 1645
Ion Ratio Lower Upper
106 100
91 215.0 108.2 324.6

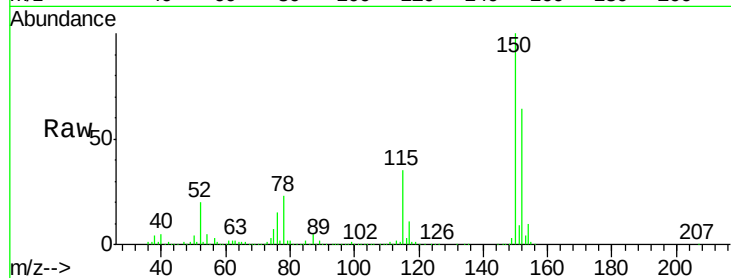




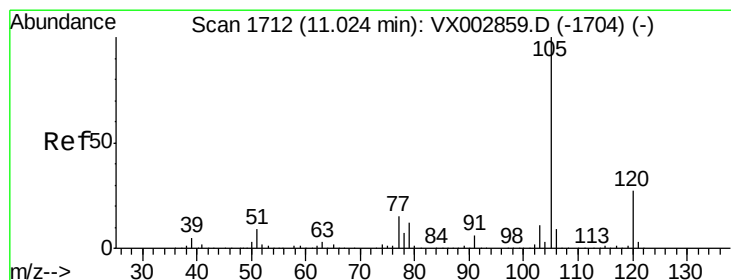
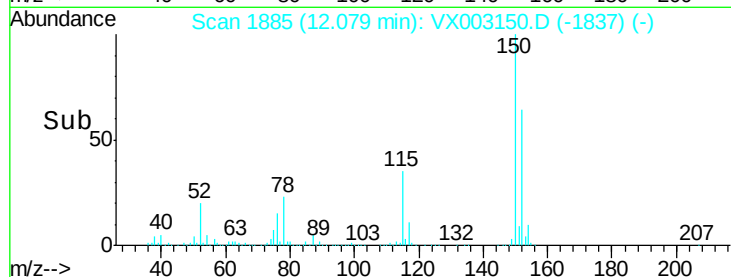
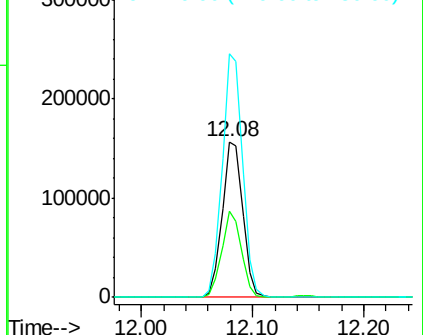
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX003150.D
 Acq: 03 Jul 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:152 Resp: 199630
 Ion Ratio Lower Upper
 152 100
 115 53.1 40.1 120.2
 150 155.6 0.0 347.2

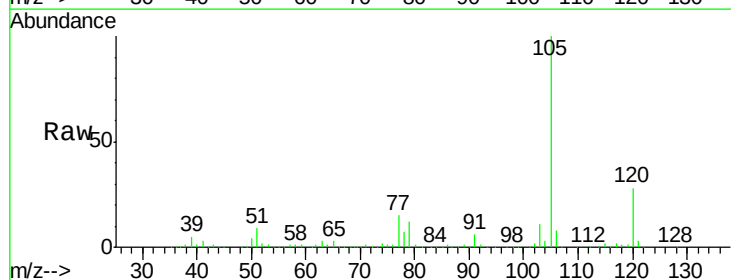


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

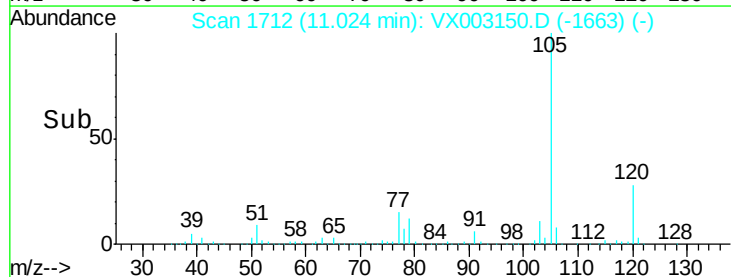
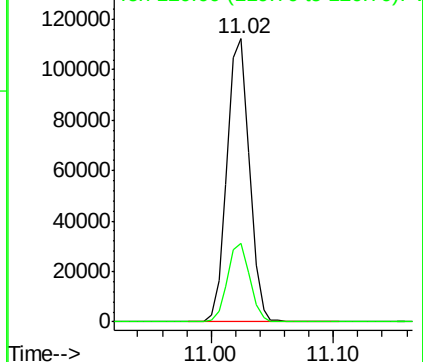


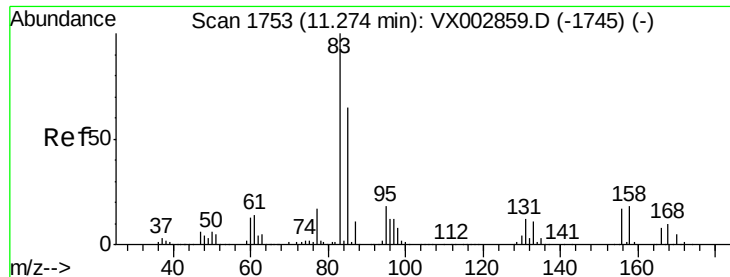
#73
 Isopropylbenzene
 Concen: 10.59 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VX003150.D
 Acq: 03 Jul 2018 15:52

Tgt Ion:105 Resp: 142179
 Ion Ratio Lower Upper
 105 100
 120 27.8 13.5 40.4



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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.21 ug/l

RT: 11.33 min Scan# 1762

Delta R.T. 0.05 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

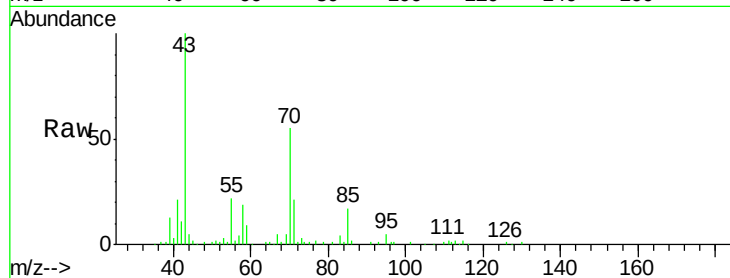
Tot Ion: 83 Resp: 882

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

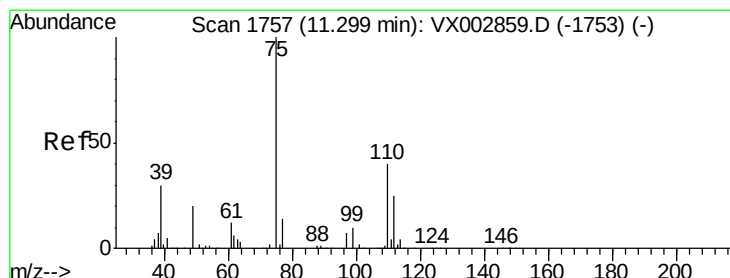
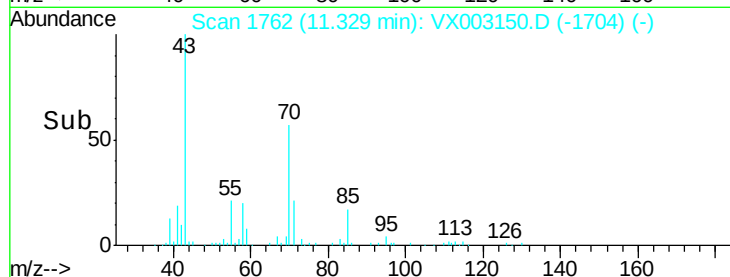
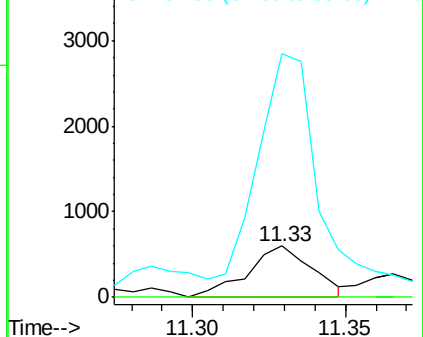
85 430.5 32.4 97.2#



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: 26.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003150.D

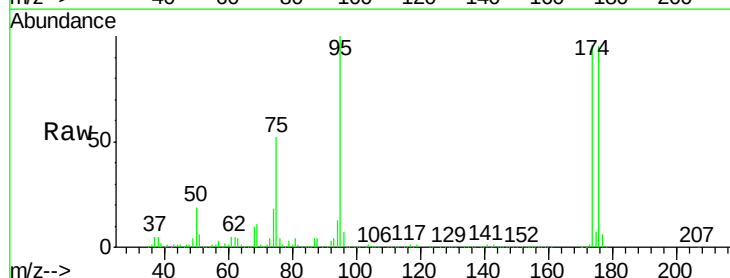
Acq: 03 Jul 2018 15:52

Tgt Ion: 75 Resp: 94883

Ion Ratio Lower Upper

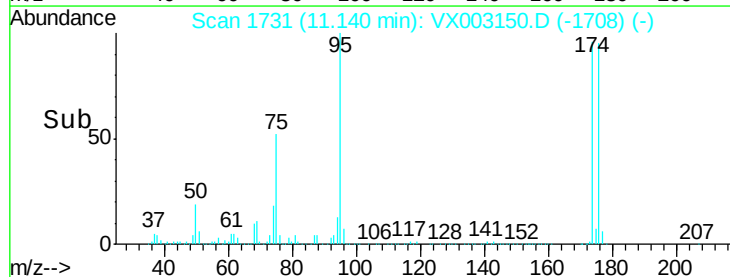
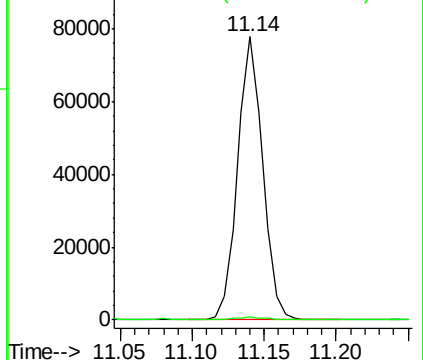
75 100

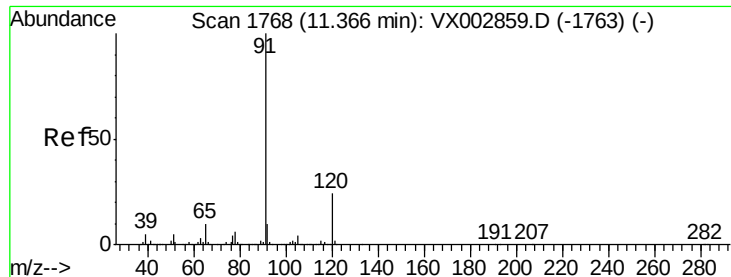
77 1.5 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.02 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

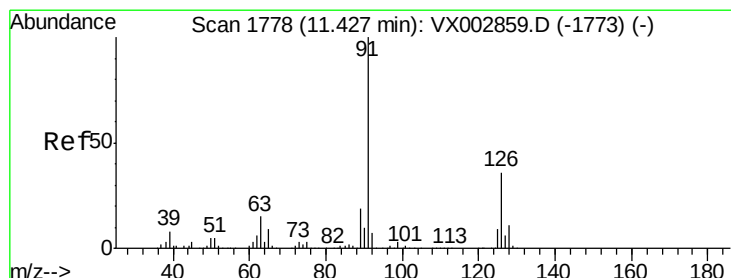
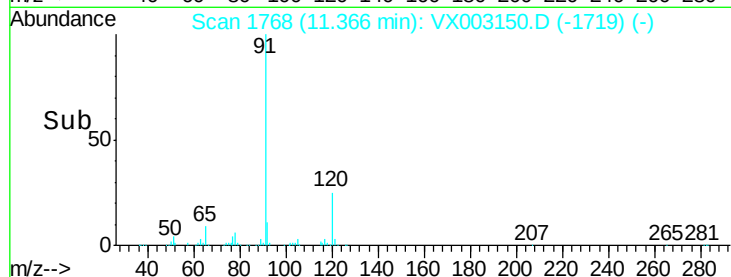
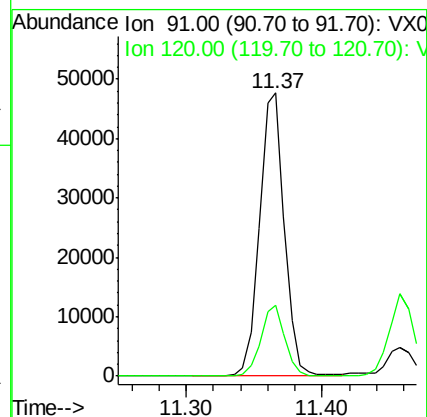
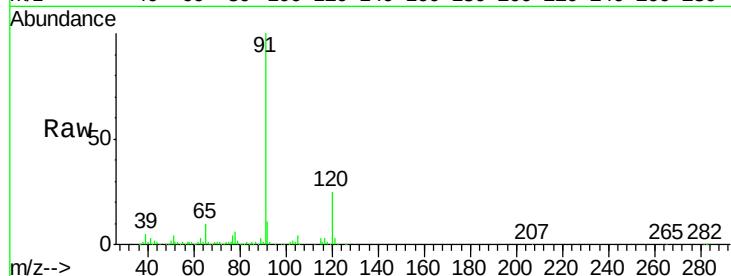
ClientSampleId :

Tot Ion: 91 Resp: 61457

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.75 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX003150.D

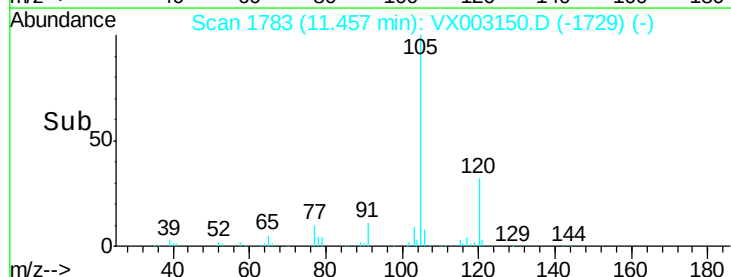
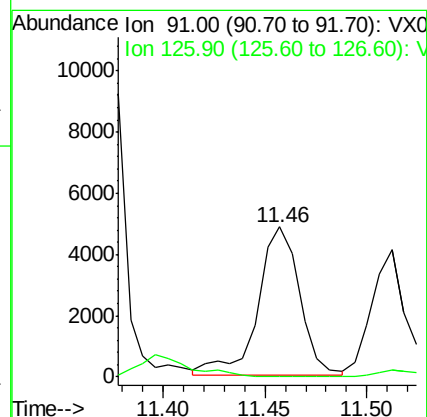
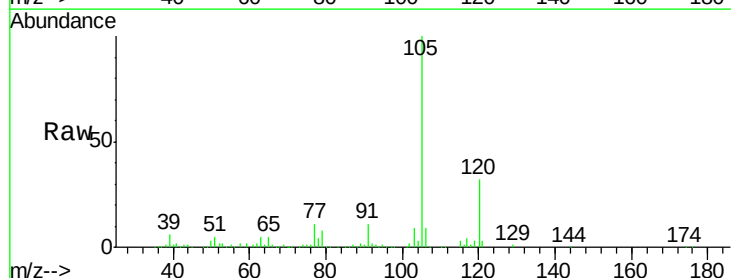
Acq: 03 Jul 2018 15:52

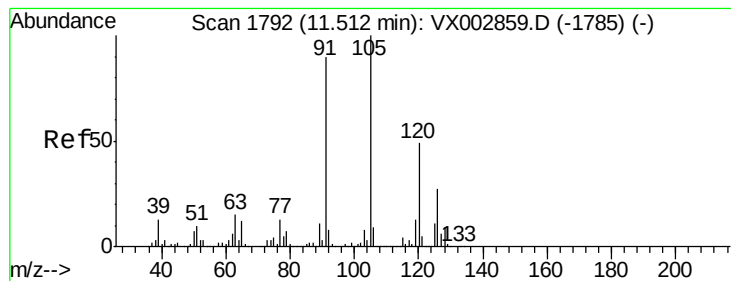
Tgt Ion: 91 Resp: 6975

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#





#80

1,3,5-Trimethylbenzene

Concen: 3.47 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

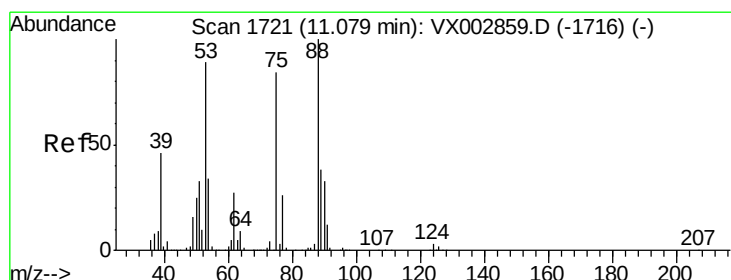
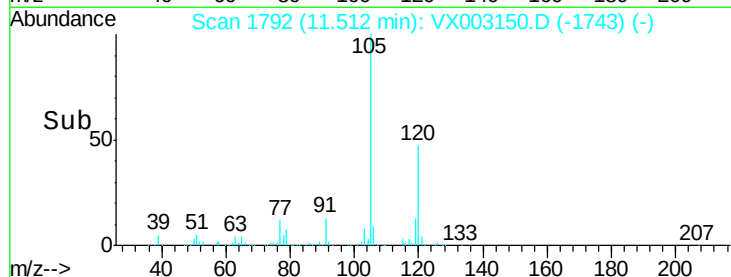
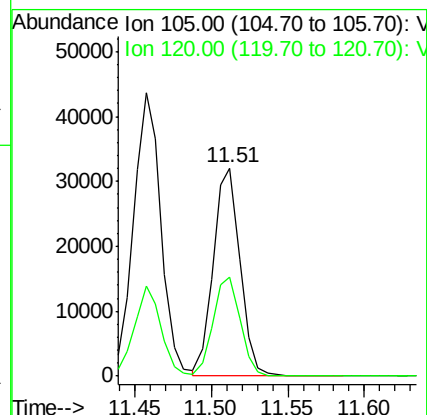
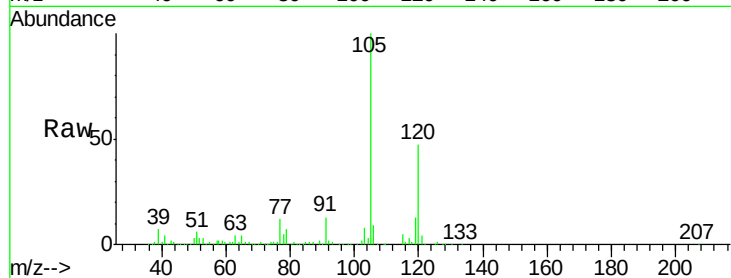
ClientSampleId :

Tot Ion:105 Resp: 39246

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 74.37 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

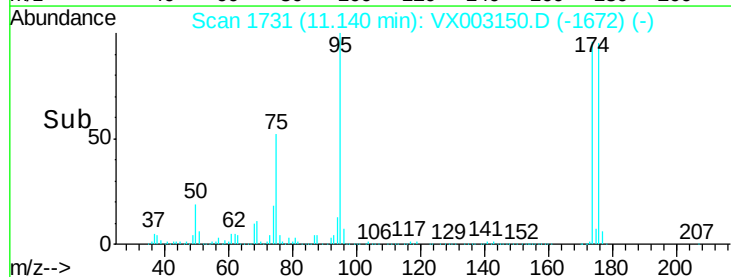
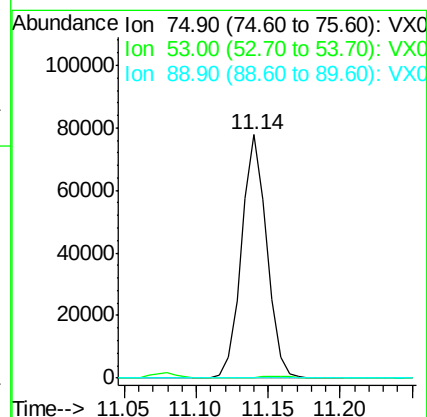
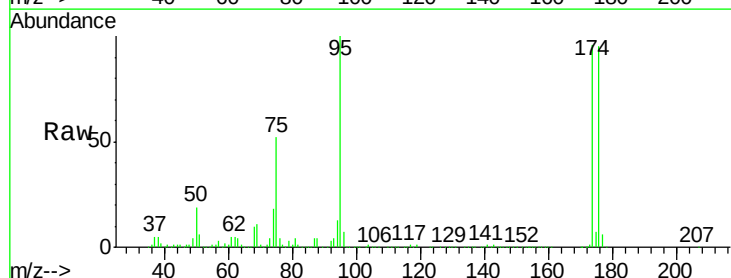
Tgt Ion: 75 Resp: 94883

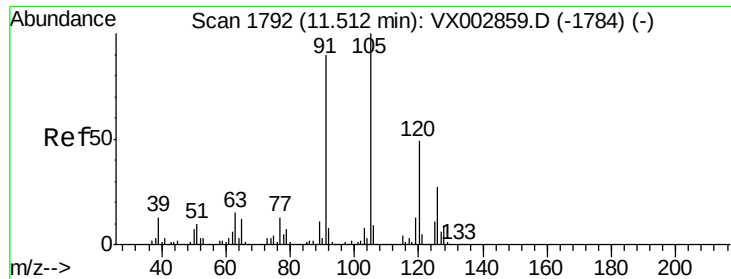
Ion Ratio Lower Upper

75 100

53 0.7 86.8 130.2#

89 0.0 38.2 57.2#

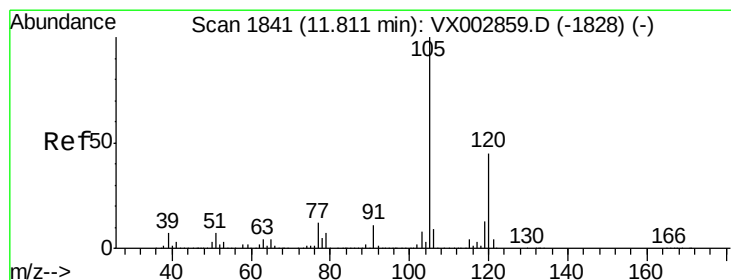
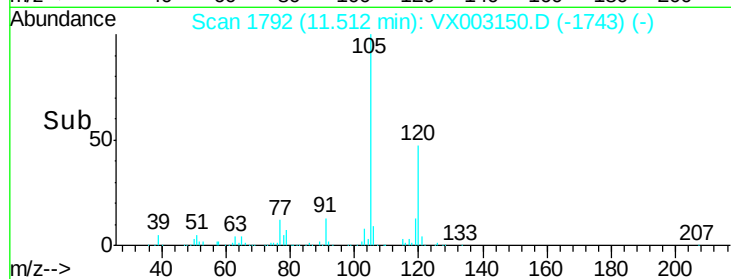
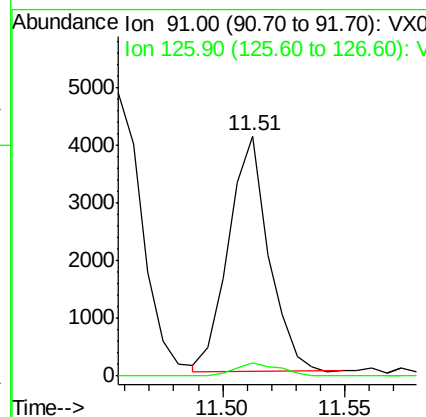
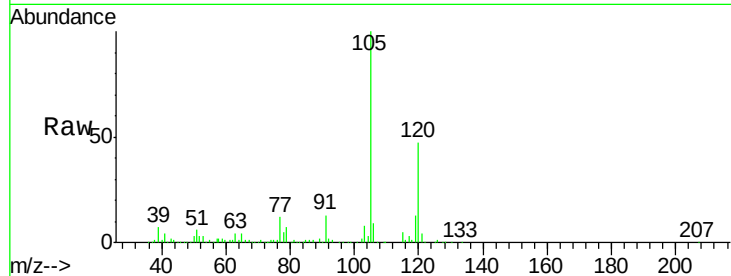




#82
4-Chlorotoluene
Concen: 0.43 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

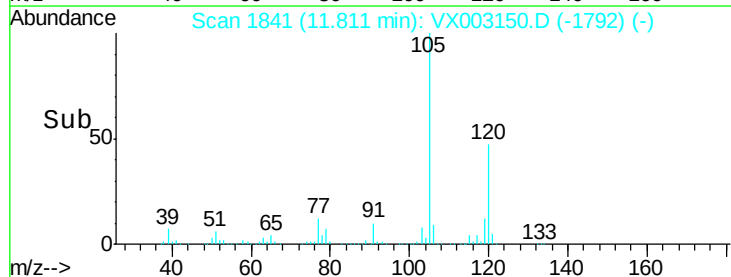
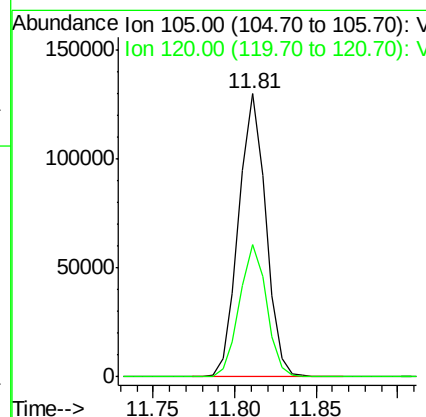
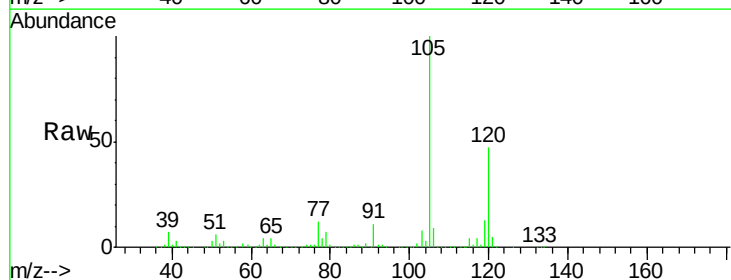
Instrument :
MSVOA_X
ClientSampled :

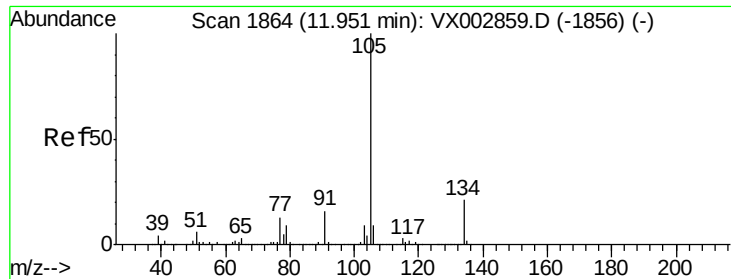
Tot Ion: 91 Resp: 4662
Ion Ratio Lower Upper
91 100
126 6.2 15.4 46.4#



#84
1,2,4-Trimethylbenzene
Concen: 12.85 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Tgt Ion:105 Resp: 150640
Ion Ratio Lower Upper
105 100
120 47.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.35 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

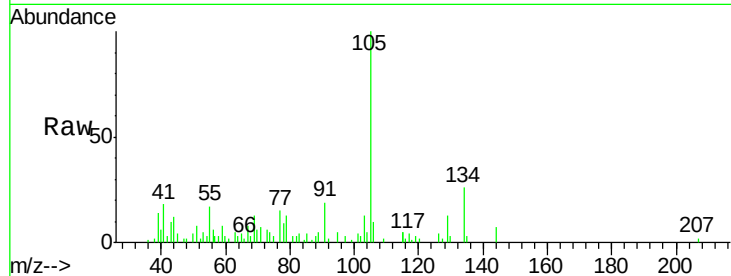
ClientSampled :

Tot Ion:105 Resp: 4738

Ion Ratio Lower Upper

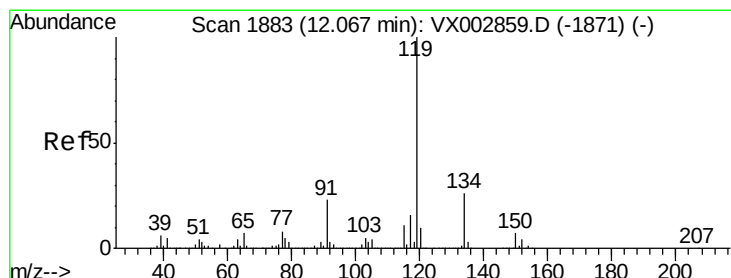
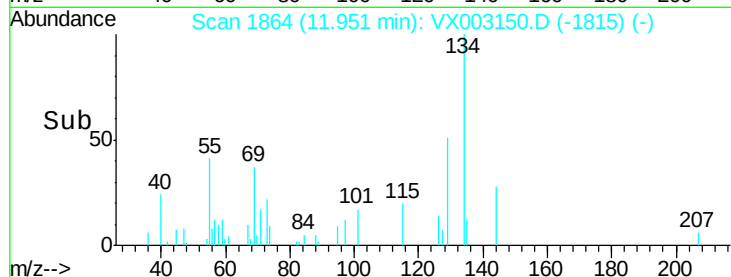
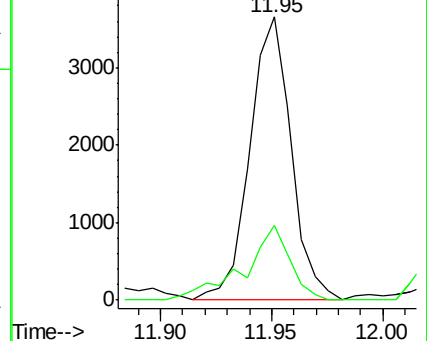
105 100

134 29.2 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: 0.50 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.04 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

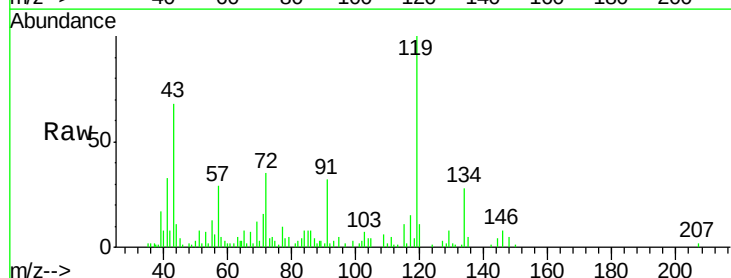
Tgt Ion:119 Resp: 6047

Ion Ratio Lower Upper

119 100

134 29.0 13.4 40.1

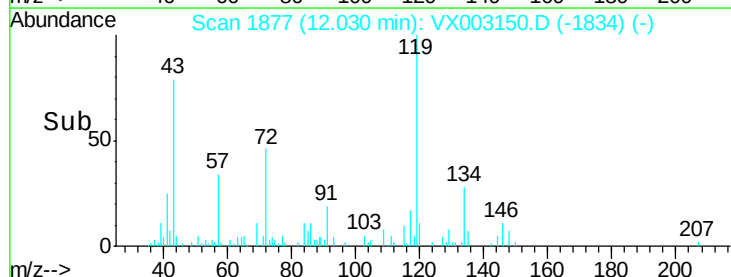
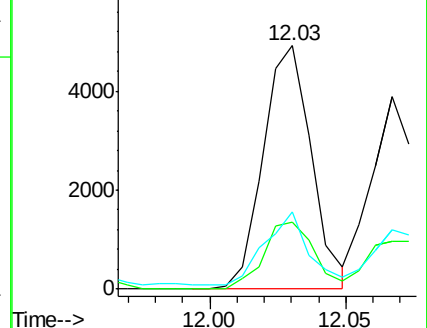
91 27.4 11.9 35.7

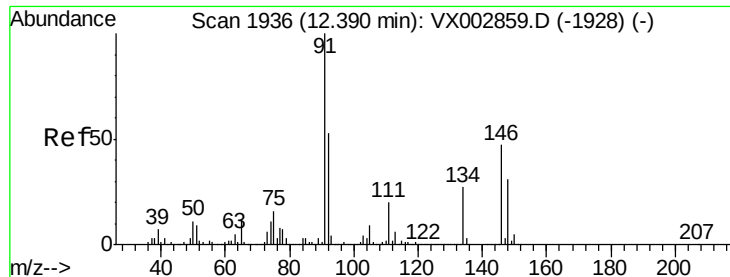


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.21 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003150.D

Acq: 03 Jul 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

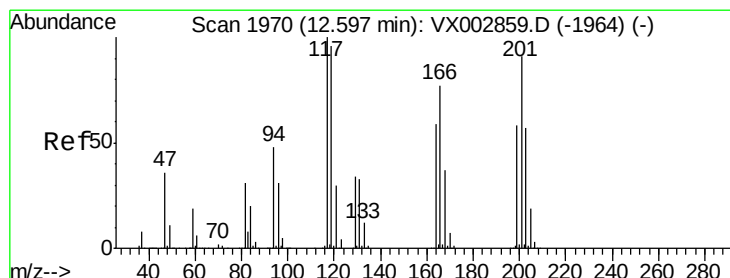
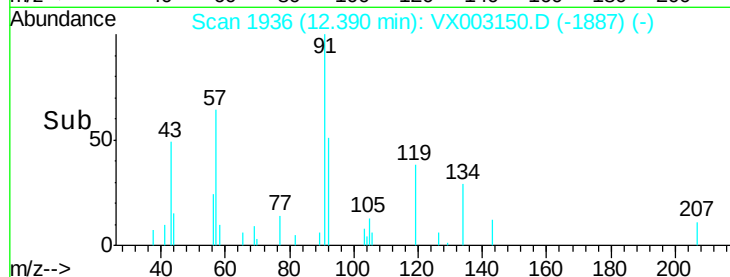
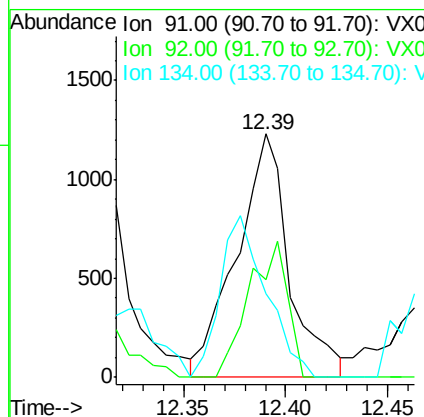
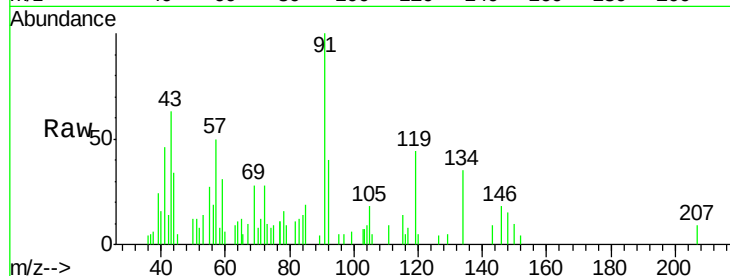
Tot Ion: 91 Resp: 2210

Ion Ratio Lower Upper

91 100

92 40.8 26.0 78.0

134 57.9 13.5 40.5#



#90

Hexachloroethane

Concen: 1.57 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VX003150.D

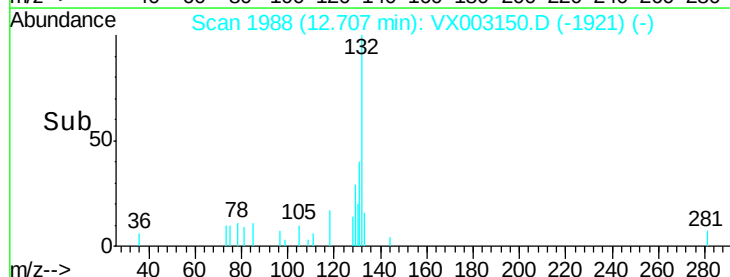
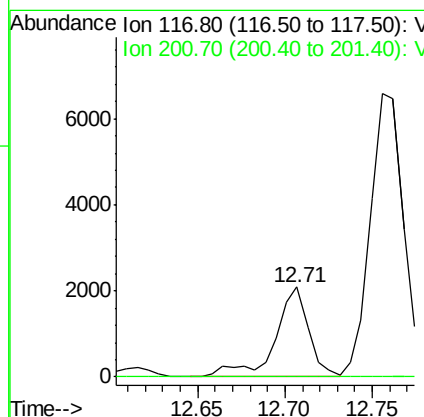
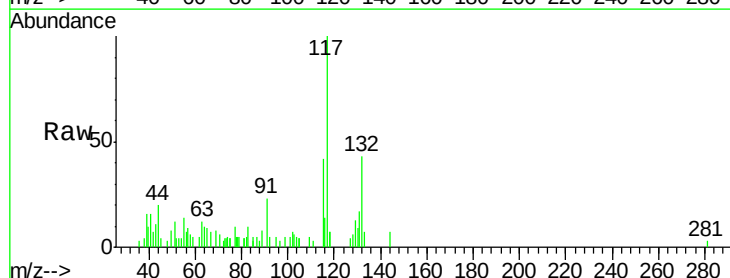
Acq: 03 Jul 2018 15:52

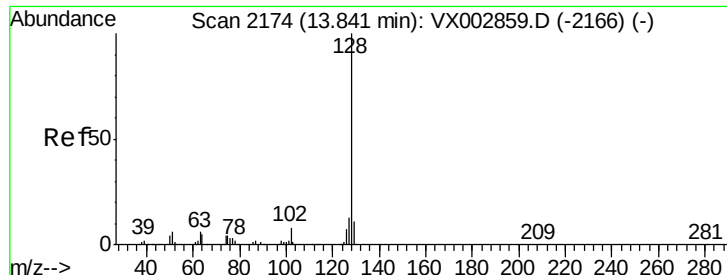
Tgt Ion: 117 Resp: 2836

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#

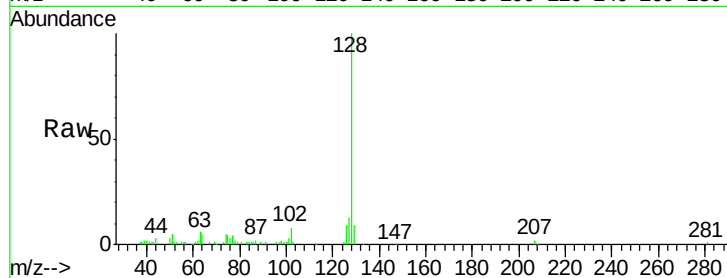




#95
Naphthalene
Concen: 1.19 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003150.D
Acq: 03 Jul 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.5	8.6	13.0



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

