

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009859.D
 Acq On : 23 May 2019 15:31
 Operator : JC/SP
 Sample : K2977-15 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 24 03:51:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	173829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107851	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120955	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
35) Dibromofluoromethane	5.50	113	86598	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
50) Toluene-d8	8.71	98	356332	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	119274	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	455	0.208	ug/l #	72
5) Bromomethane	1.65	94	295	0.230	ug/l #	64
10) Methyl Iodide	2.52	142	232	4.705	ug/l #	55
11) Tert butyl alcohol	3.02	59	3206	5.837	ug/l #	77
16) Acetone	2.45	43	36303	28.491	ug/l	97
25) 2-Butanone	4.68	43	13084	6.608	ug/l #	91
28) Bromochloromethane	5.01	49	21	Below Cal	#	20
29) Tetrahydrofuran	5.16	42	514	0.403	ug/l #	60
36) 1,1-Dichloropropene	5.67	75	14228	5.434	ug/l #	50
37) Ethyl Acetate	4.68	43	13084	3.586	ug/l #	74
38) Carbon Tetrachloride	5.66	117	16820	7.070	ug/l #	15
49) 1,4-Dioxane	7.80	88	19	0.324	ug/l #	1
67) Ethyl Benzene	10.25	91	16001	1.770	ug/l	98
68) m/p-Xylenes	10.36	106	42294	12.805	ug/l	97
69) o-Xylene	10.69	106	4966	1.524	ug/l	90
73) Isopropylbenzene	11.02	105	31166	3.974	ug/l	99
74) N-amyl acetate	10.91	43	972	0.213	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	1043	0.357	ug/l #	35
76) 1,2,3-Trichloropropane	11.13	75	62003	24.784	ug/l #	35
78) n-propylbenzene	11.36	91	60737	6.781	ug/l	99
79) 2-Chlorotoluene	11.43	91	17487	3.165	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	80549	12.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	62003	63.413	ug/l #	10
82) 4-Chlorotoluene	11.51	91	8618	1.380	ug/l #	47
83) tert-Butylbenzene	11.77	119	3922	0.611	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	502824	75.859	ug/l	99
85) sec-Butylbenzene	11.94	105	18660	2.450	ug/l #	77
86) p-Isopropyltoluene	12.06	119	12619	1.843	ug/l	94
89) n-Butylbenzene	12.38	91	14612	2.361	ug/l #	46
90) Hexachloroethane	12.61	117	2770	2.375	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.01	75	326	0.497	ug/l #	2
95) Naphthalene	13.83	128	45724	5.815	ug/l	99

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QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

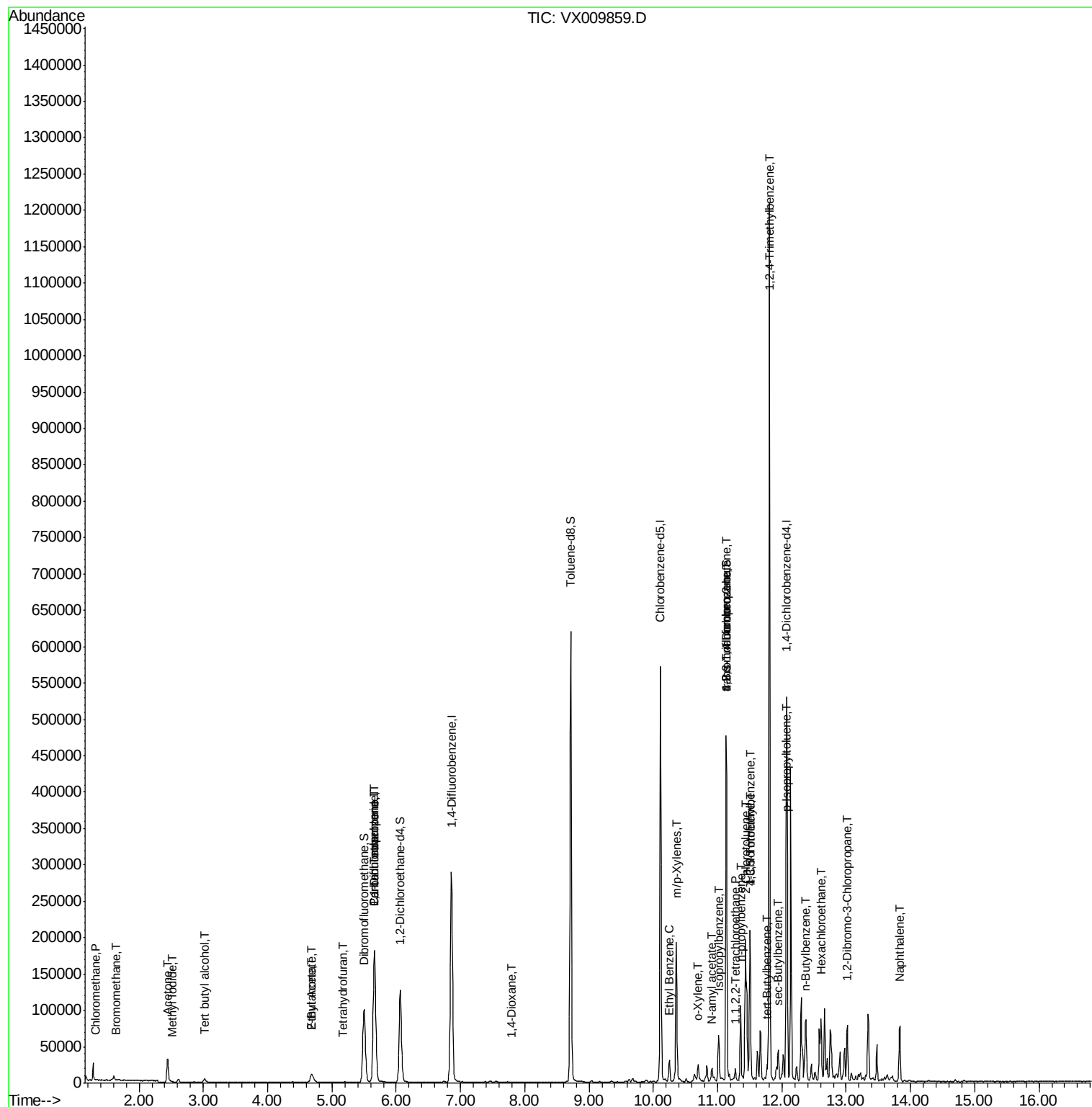
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

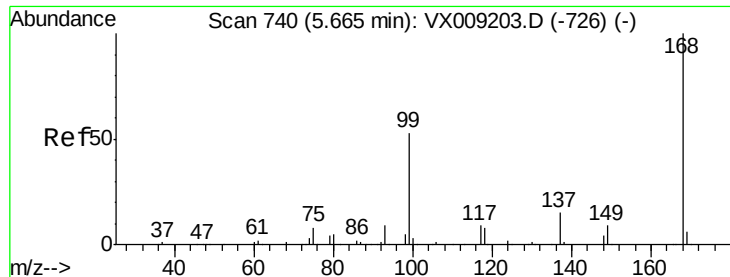
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

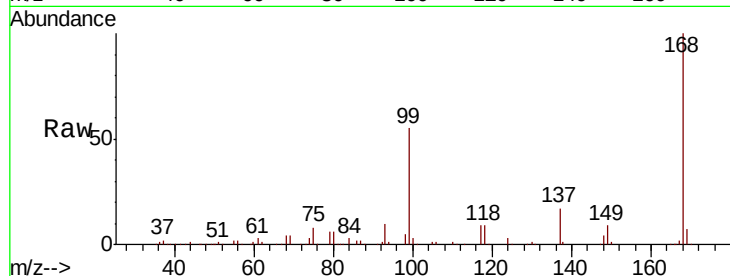
ClientSampleId :

Tot Ion:168 Resp: 173829

Ion Ratio Lower Upper

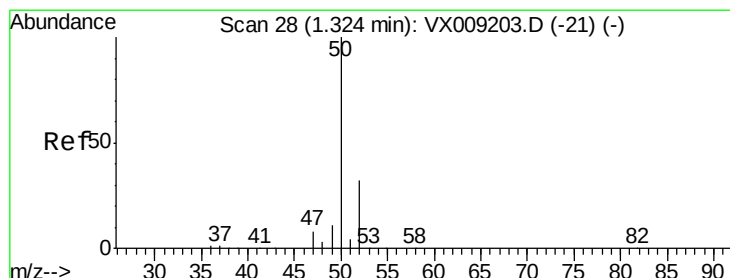
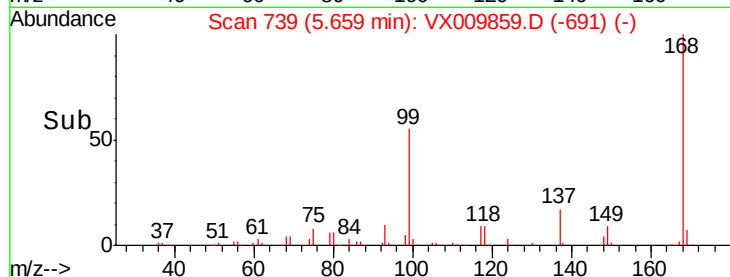
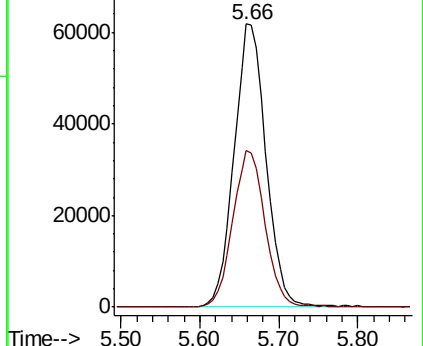
168 100

99 55.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.208 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009859.D

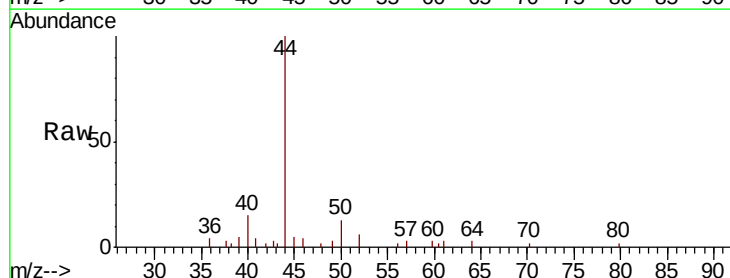
Acq: 23 May 2019 15:31

Tgt Ion: 50 Resp: 455

Ion Ratio Lower Upper

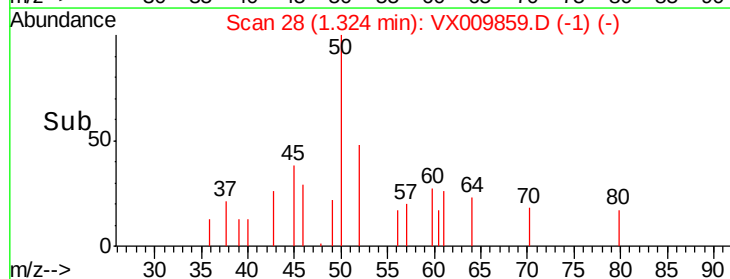
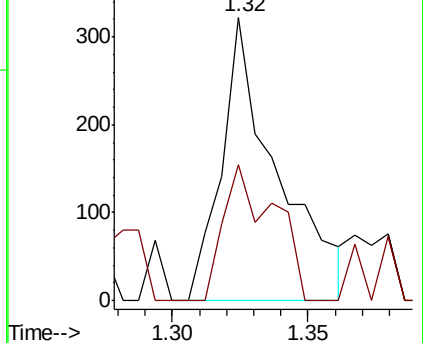
50 100

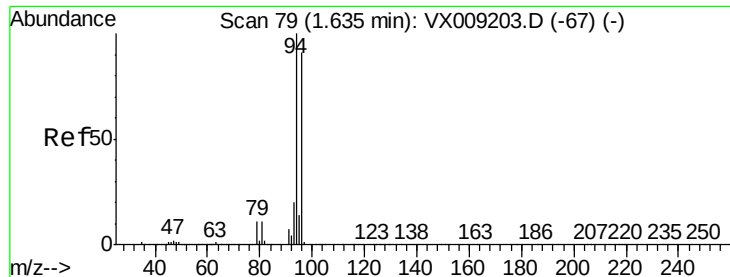
52 48.1 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.230 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

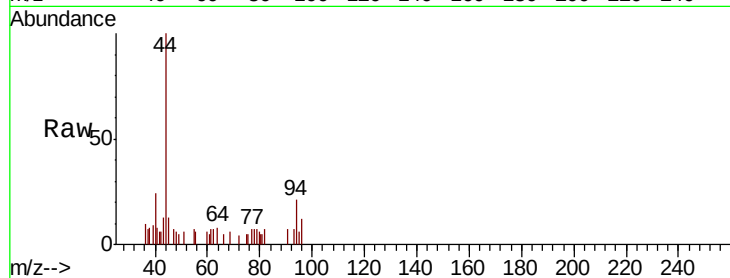
ClientSampleId :

Tot Ion: 94 Resp: 295

Ion Ratio Lower Upper

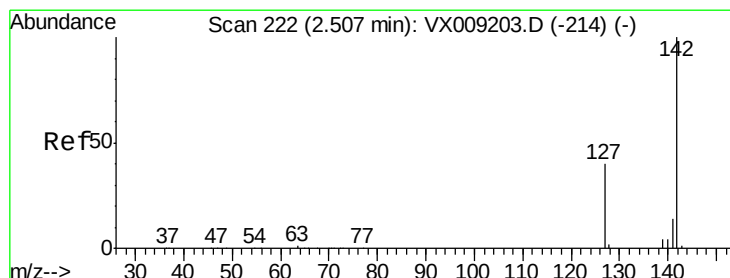
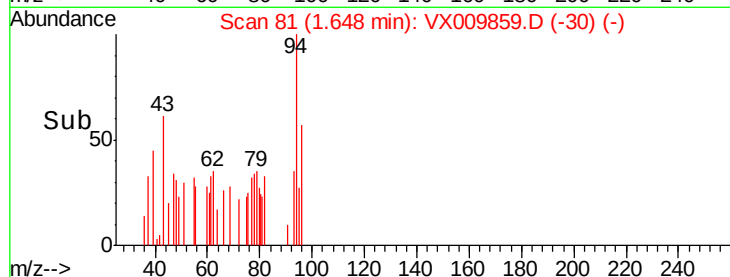
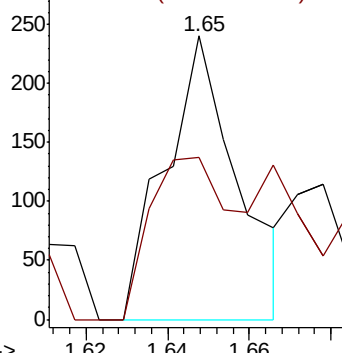
94 100

96 57.1 73.0 109.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.705 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

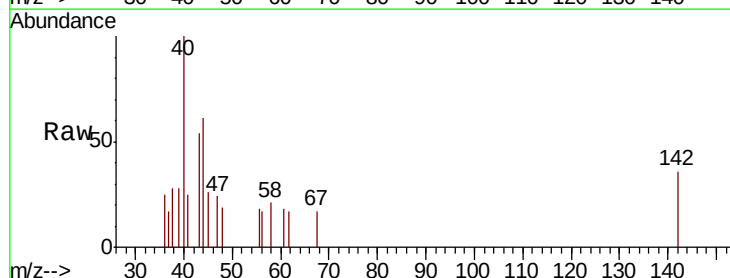
Tgt Ion: 142 Resp: 232

Ion Ratio Lower Upper

142 100

127 10.8 32.7 49.1#

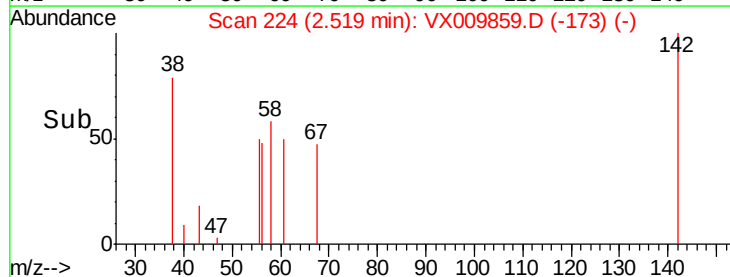
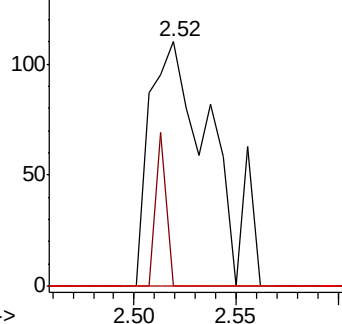
141 0.0 11.5 17.3#

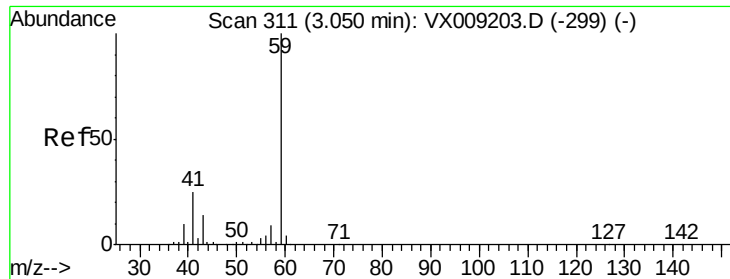


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

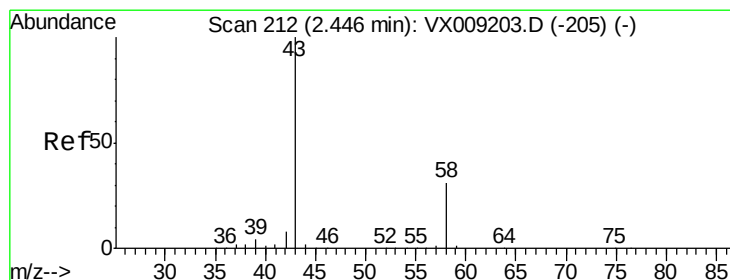
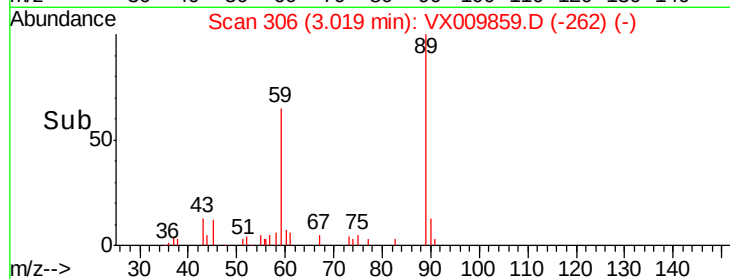
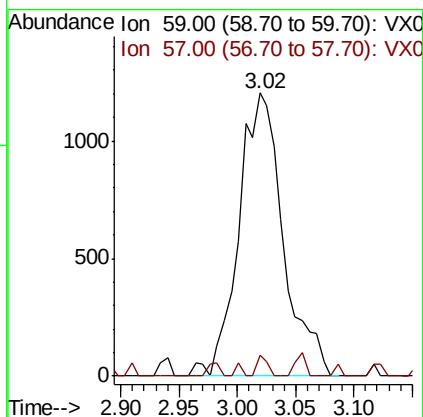
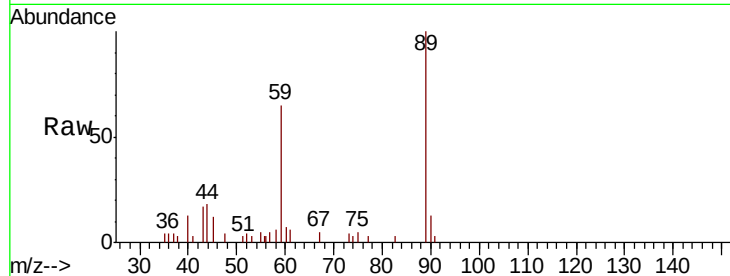




#11
Tert butyl alcohol
Concen: 5.837 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

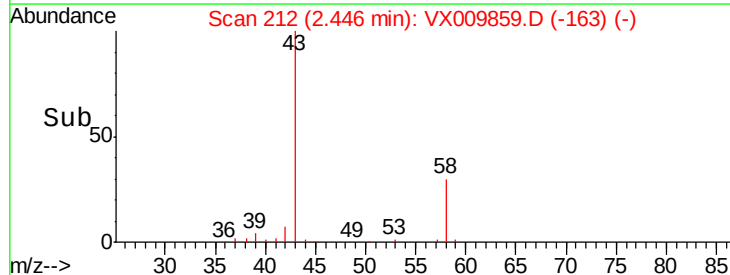
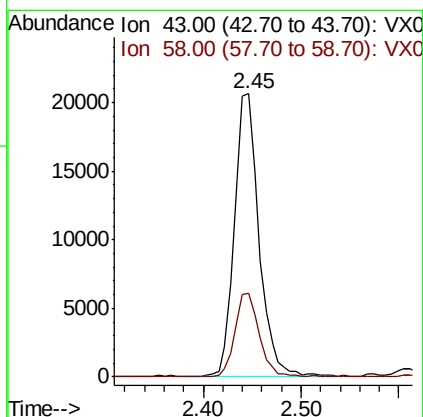
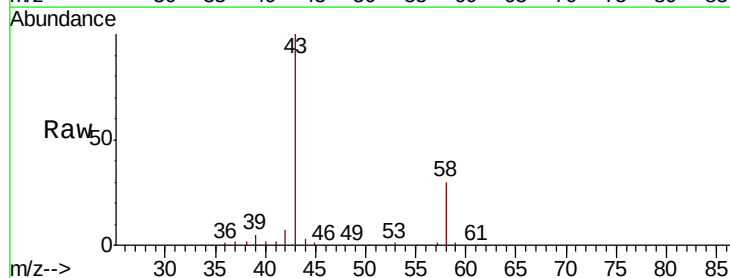
Instrument :
MSVOA_X
ClientSampled :

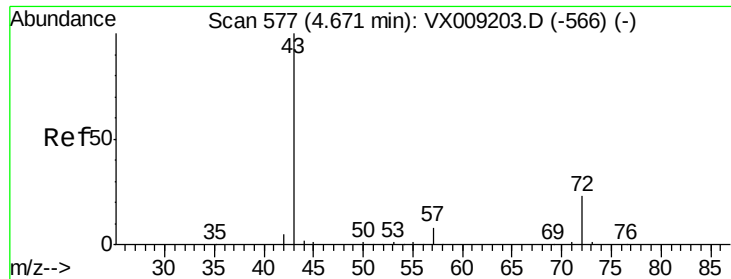
Tot Ion: 59 Resp: 3206
Ion Ratio Lower Upper
59 100
57 1.7 8.2 12.2#



#16
Acetone
Concen: 28.491 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

Tgt Ion: 43 Resp: 36303
Ion Ratio Lower Upper
43 100
58 29.6 24.9 37.3





#25

2-Butanone

Concen: 6.608 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

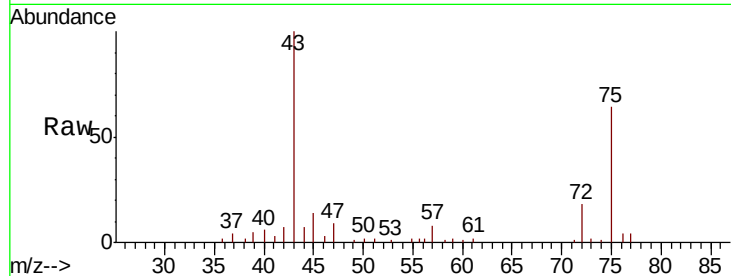
ClientSampled :

Tot Ion: 43 Resp: 13084

Ion Ratio Lower Upper

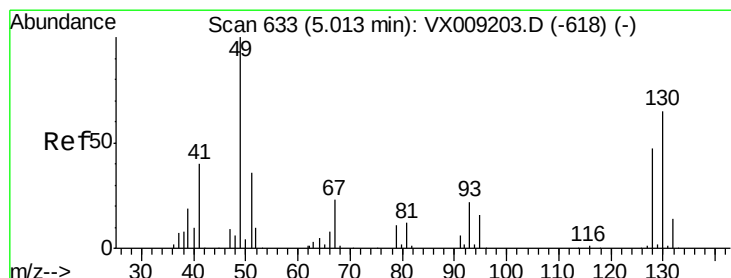
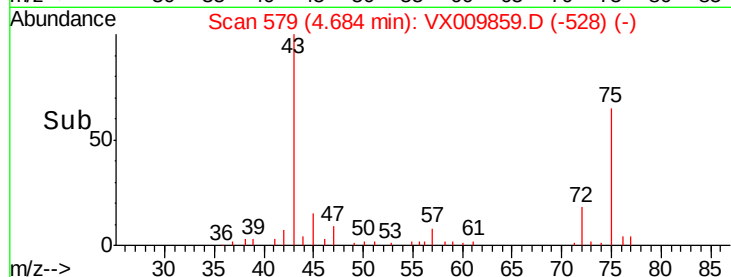
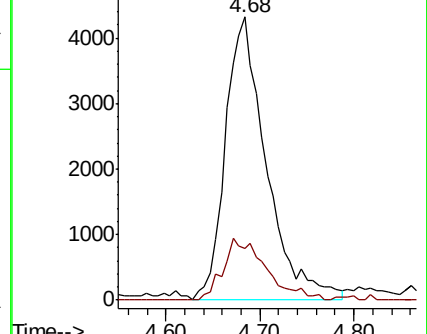
43 100

72 18.1 18.2 27.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

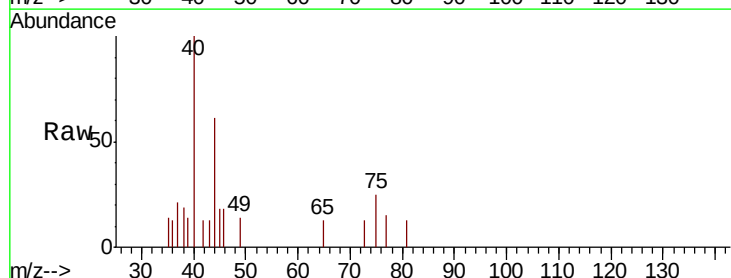
Tgt Ion: 49 Resp: 21

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

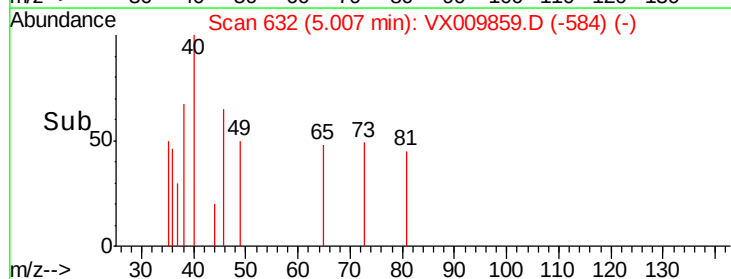
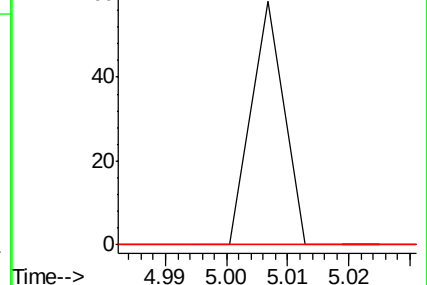
130 0.0 51.2 76.8#

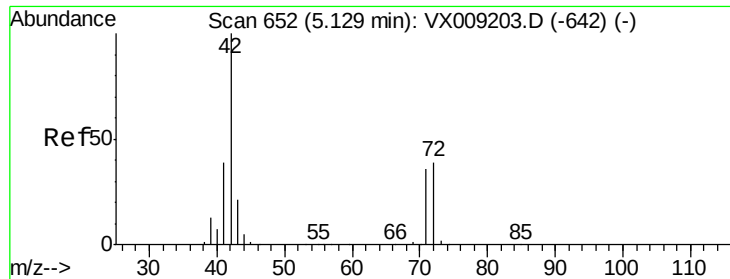


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.403 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.03 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

ClientSampled :

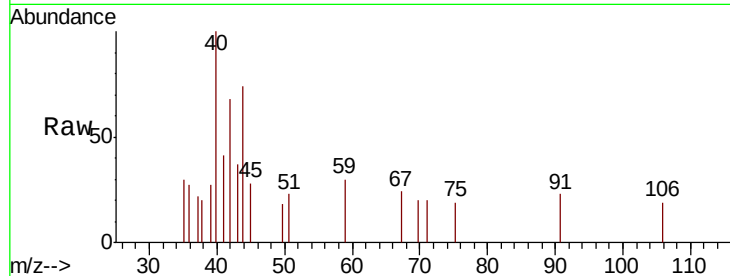
Tot Ion: 42 Resp: 514

Ion Ratio Lower Upper

42 100

72 8.0 30.4 45.6#

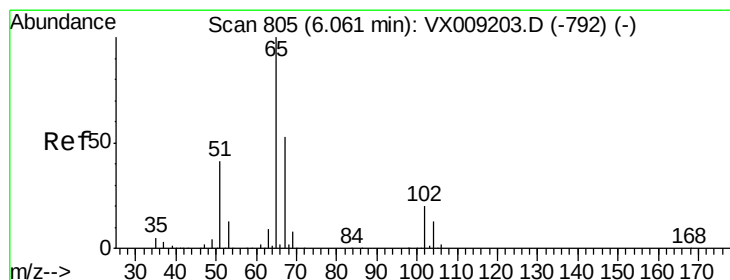
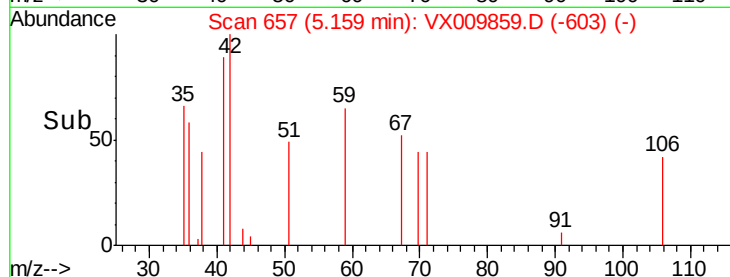
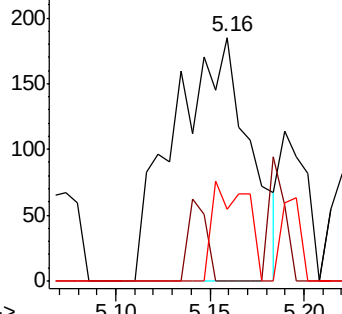
71 18.7 28.6 43.0#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.972 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009859.D

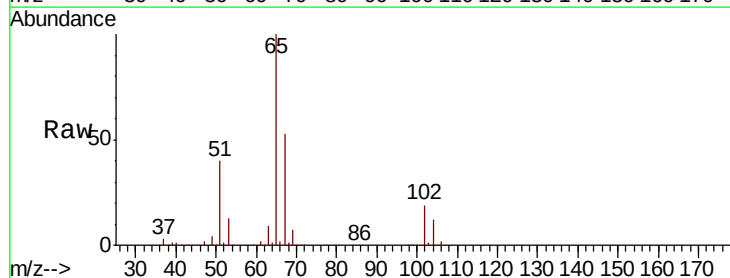
Acq: 23 May 2019 15:31

Tgt Ion: 65 Resp: 120955

Ion Ratio Lower Upper

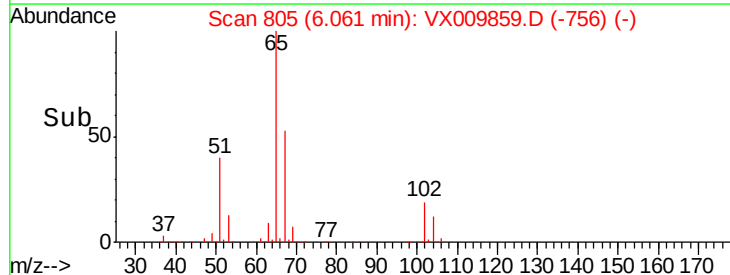
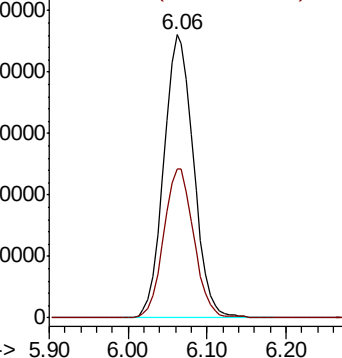
65 100

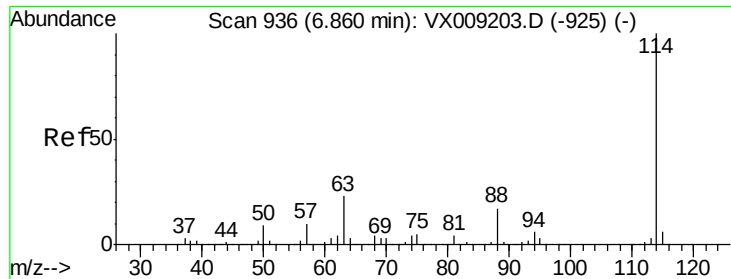
67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

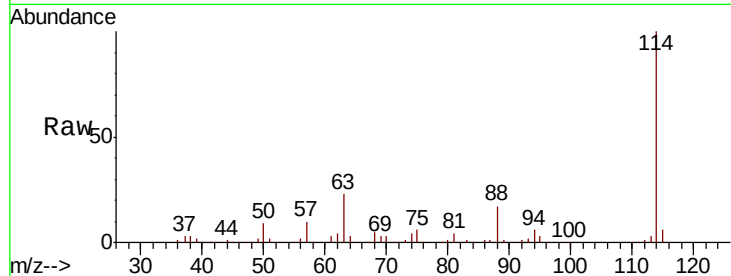




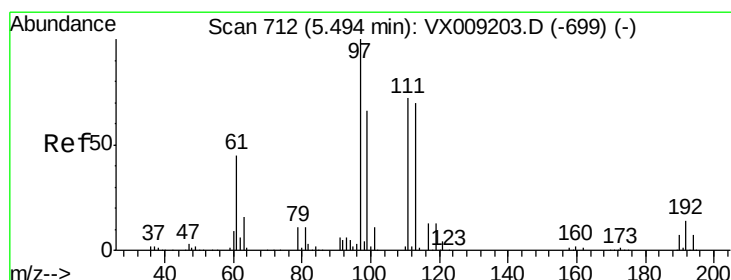
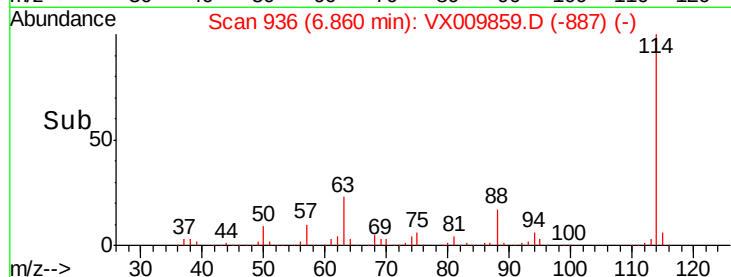
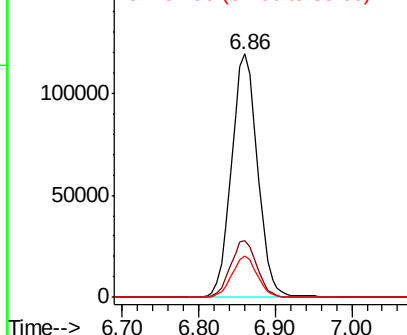
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 281758
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 16.9 0.0 33.2

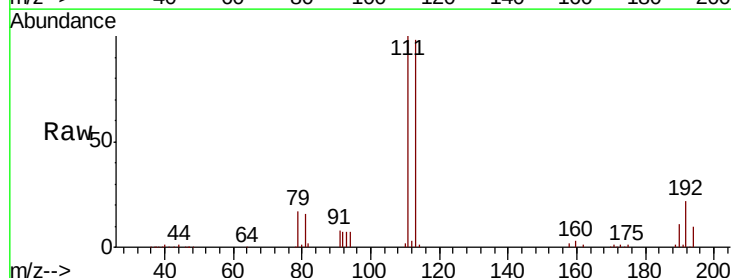


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

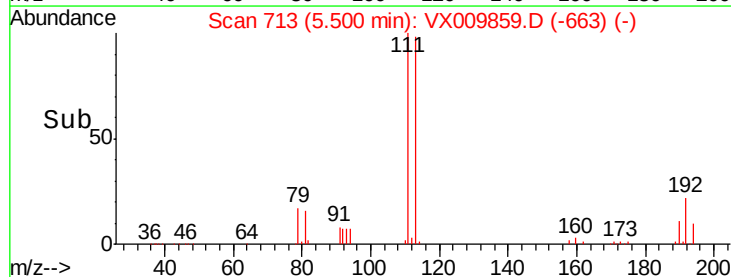
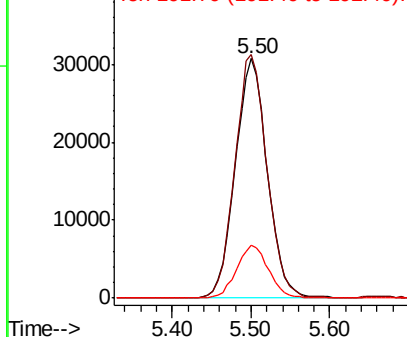


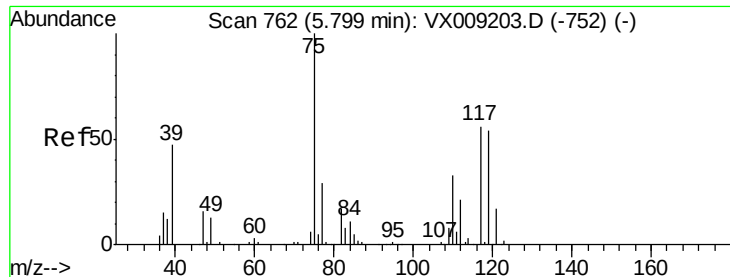
#35
 Dibromofluoromethane
 Concen: 48.891 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

Tgt Ion:113 Resp: 86598
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.8 124.2
 192 21.9 17.0 25.6



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

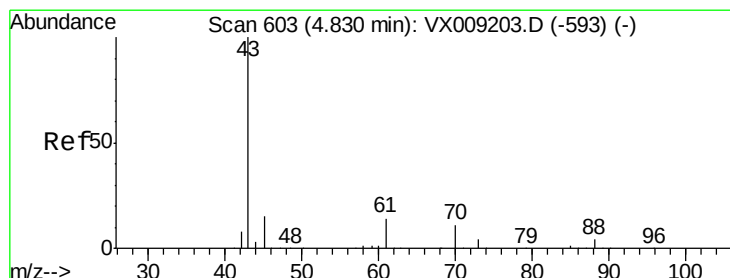
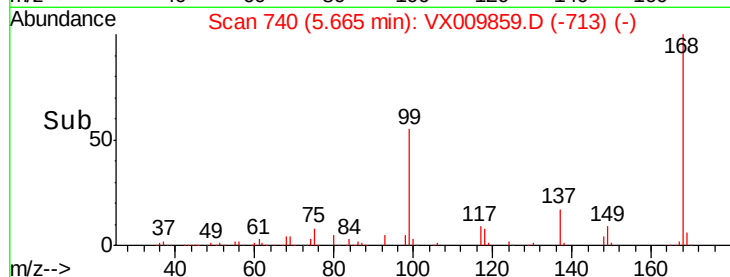
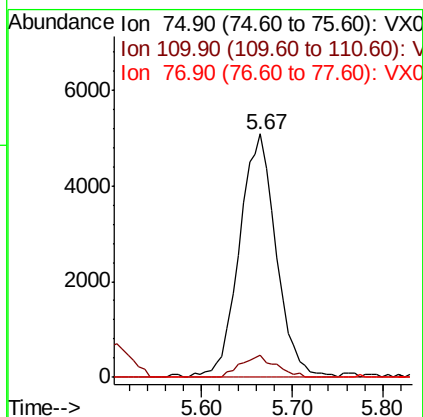
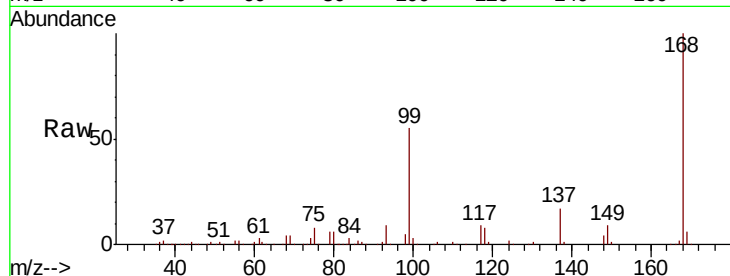




#36
 1,1-Dichloropropene
 Concen: 5.434 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

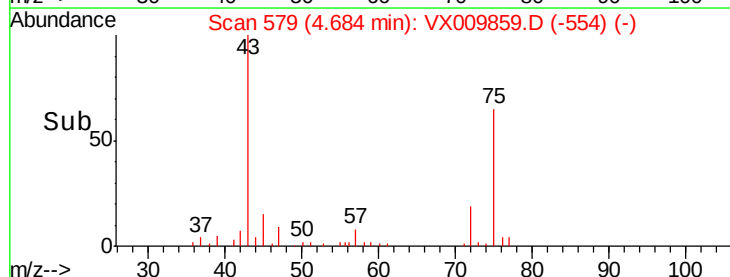
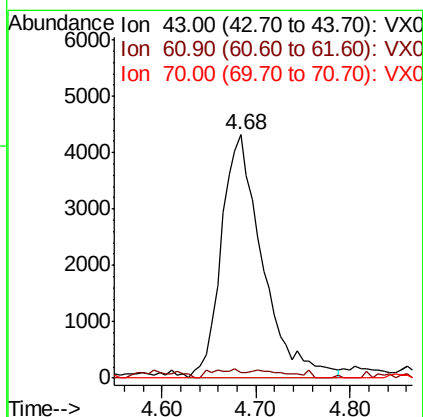
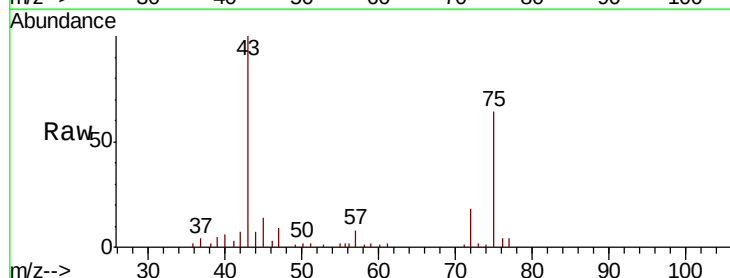
Instrument :
 MSVOA_X
 ClientSampleId :

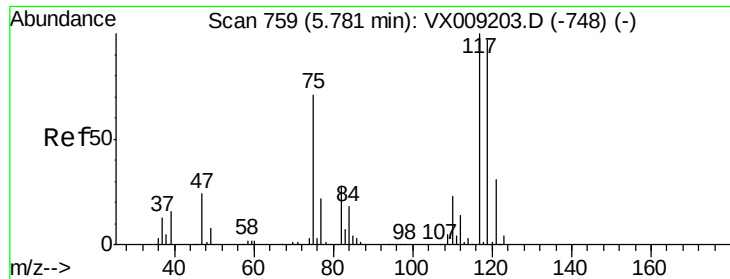
Tot Ion: 75 Resp: 14228
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.9 50.6#
 77 0.0 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 3.586 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. -0.15 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

Tgt Ion: 43 Resp: 13084
 Ion Ratio Lower Upper
 43 100
 61 2.7 10.5 15.7#
 70 0.0 7.9 11.9#





#38

Carbon Tetrachloride

Concen: 7.070 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

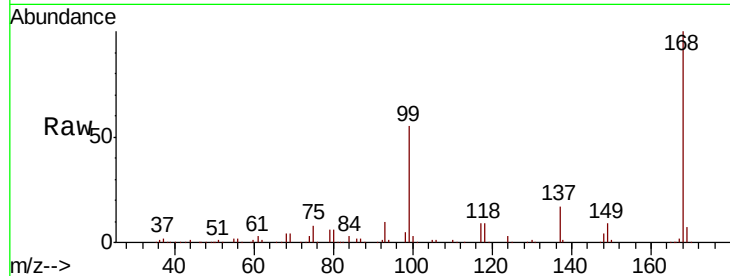
Tot Ion:117 Resp: 16820

Ion Ratio Lower Upper

117 100

119 5.0 77.5 116.3#

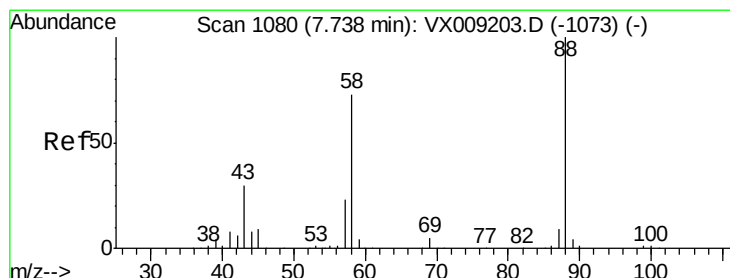
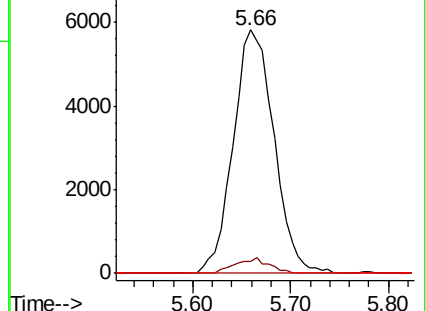
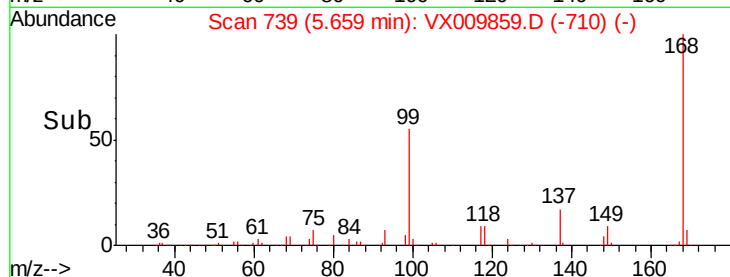
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 0.324 ug/l

RT: 7.80 min Scan# 1090

Delta R.T. 0.06 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

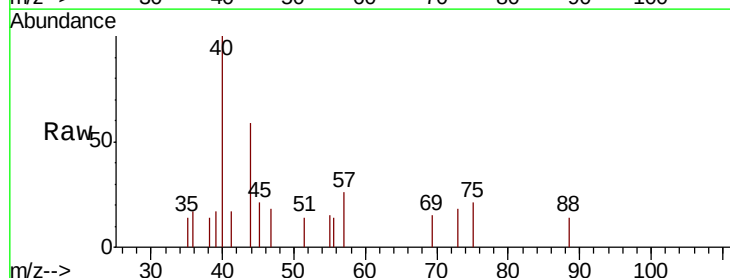
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 778.9 28.6 42.8#

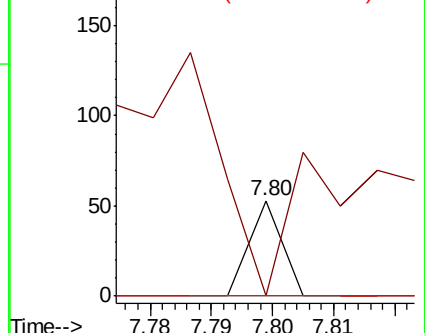
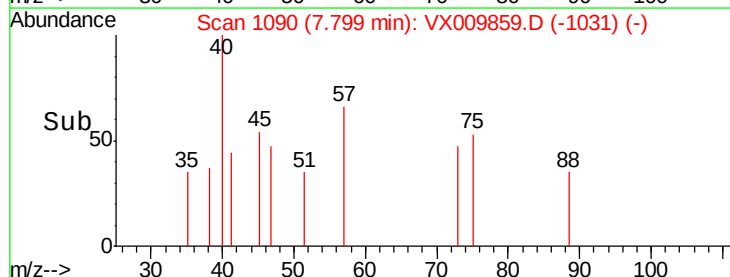
58 0.0 61.7 92.5#

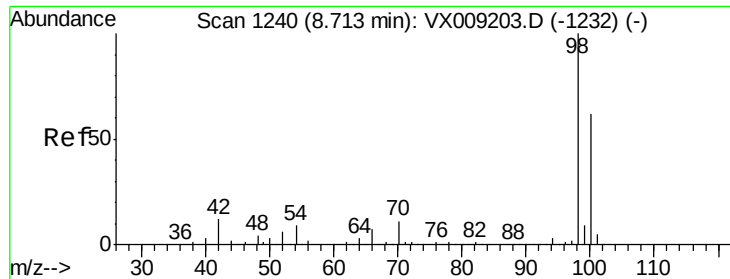


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

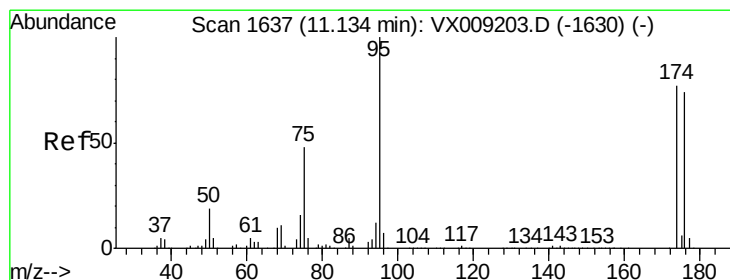
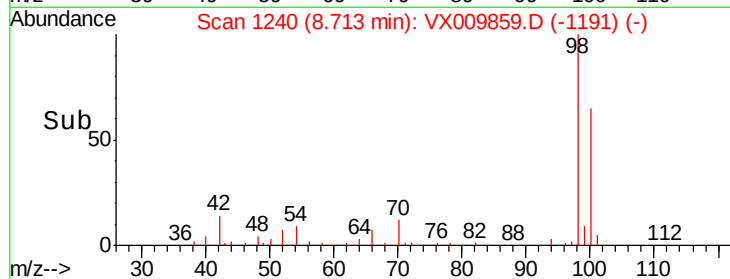
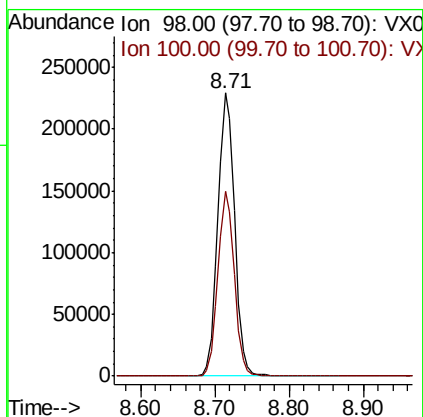
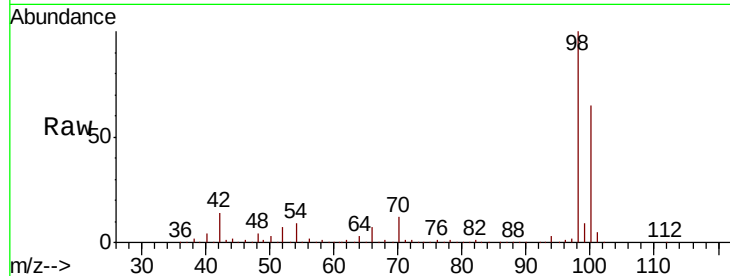




#50
Toluene-d8
Concen: 49.830 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

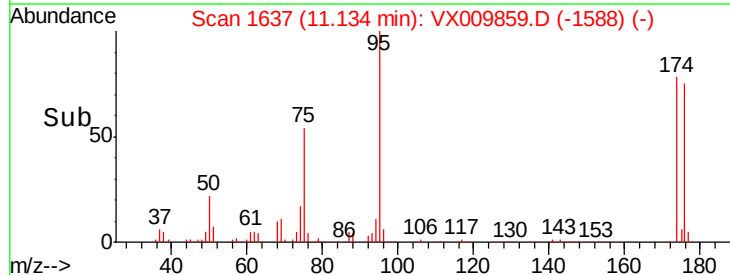
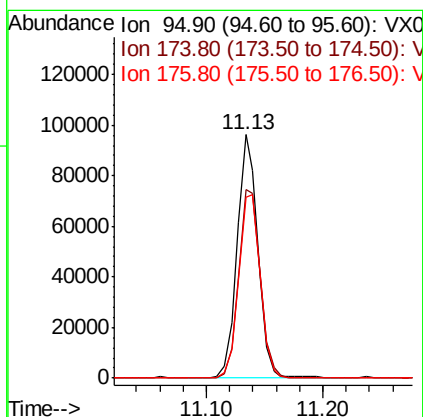
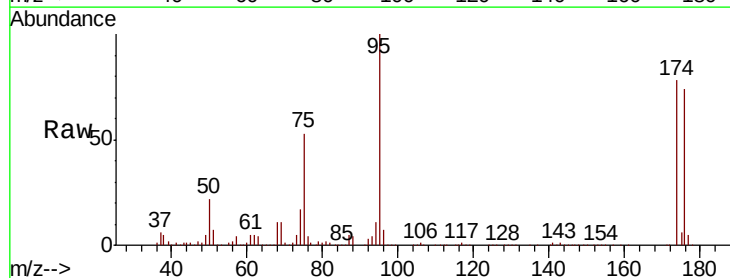
Instrument :
MSVOA_X
ClientSampleId :

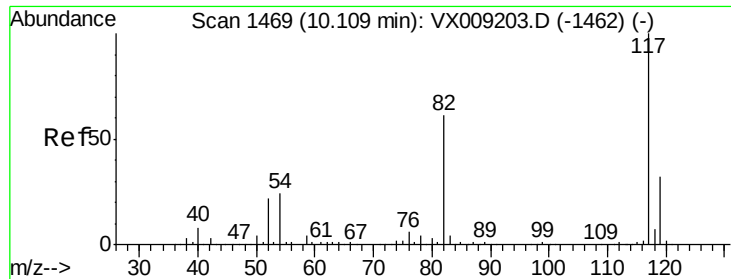
Tot Ion: 98 Resp: 356332
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.903 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

Tgt Ion: 95 Resp: 119274
Ion Ratio Lower Upper
95 100
174 80.7 0.0 161.6
176 78.7 0.0 159.2

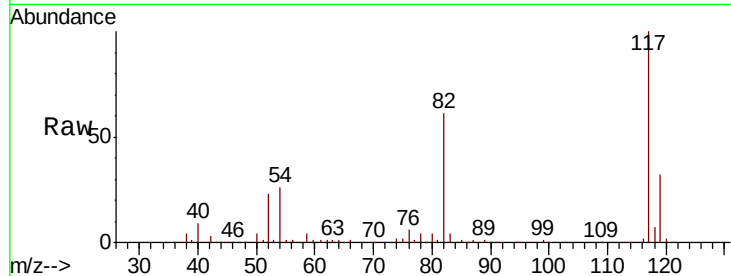




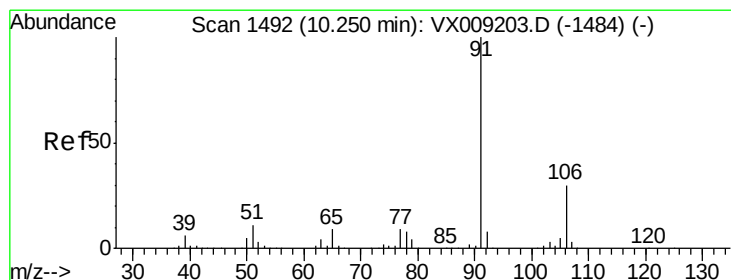
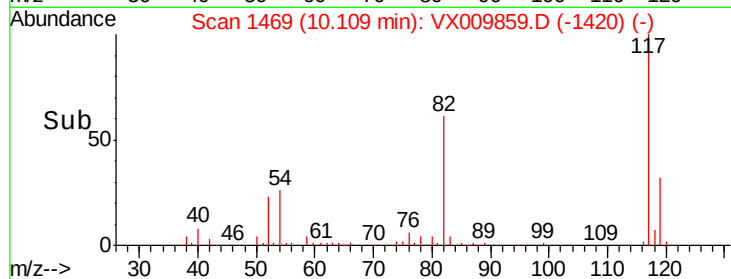
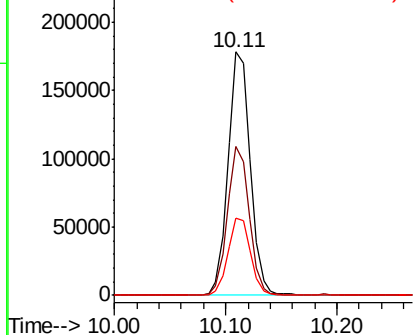
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 245505
Ion Ratio Lower Upper
117 100
82 61.4 48.8 73.2
119 31.8 25.8 38.6

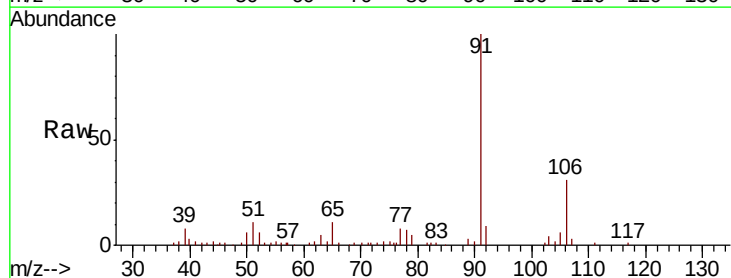


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

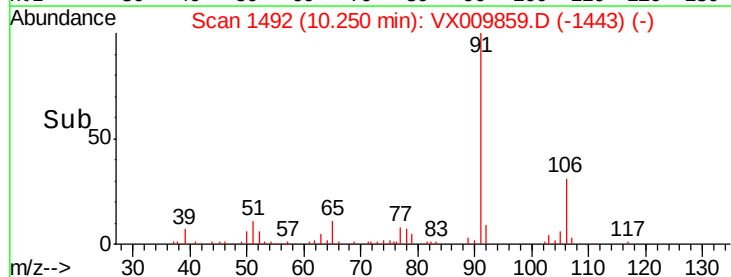
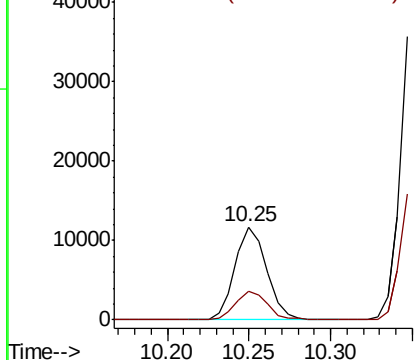


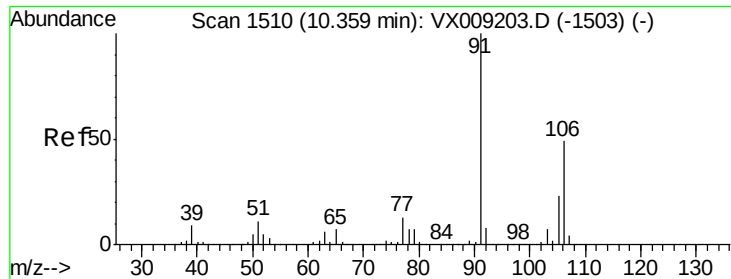
#67
Ethyl Benzene
Concen: 1.770 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

Tgt Ion: 91 Resp: 16001
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0



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

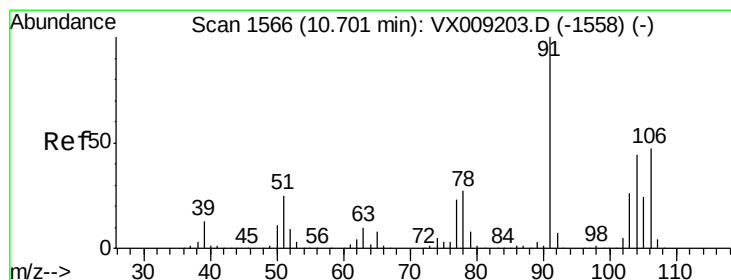
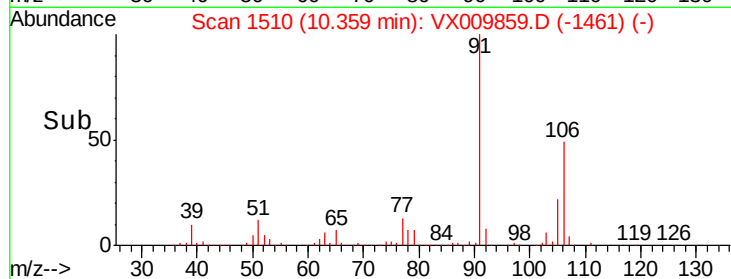
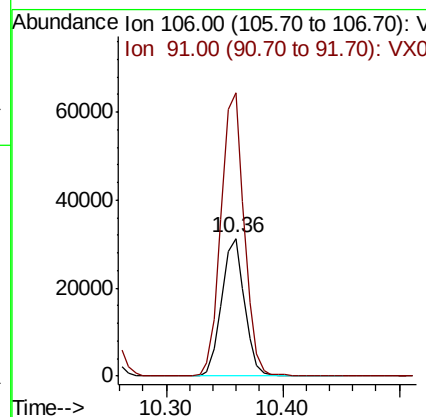
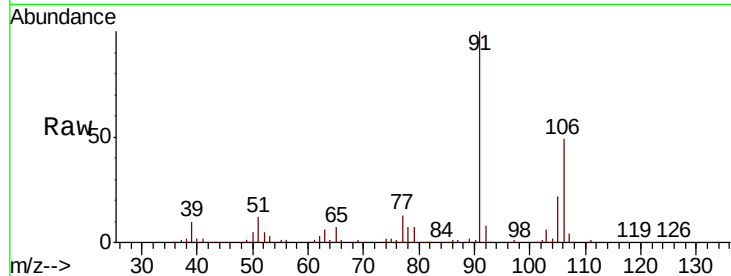




#68
m/p-Xylenes
Concen: 12.805 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

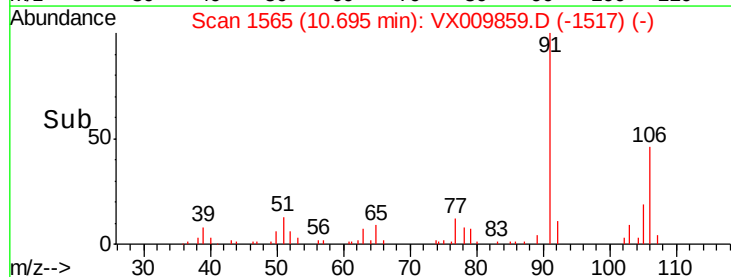
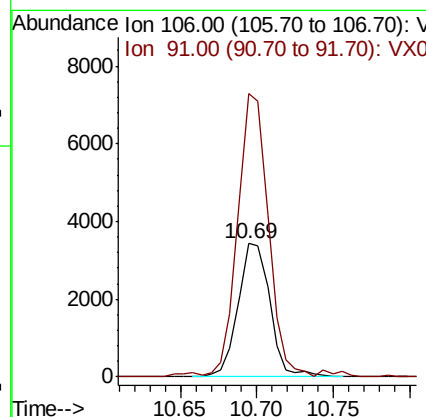
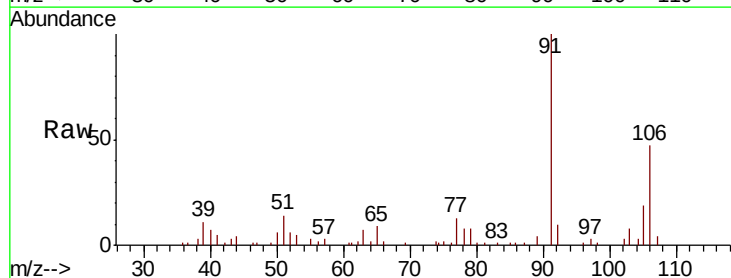
Instrument :
MSVOA_X
ClientSampleId :

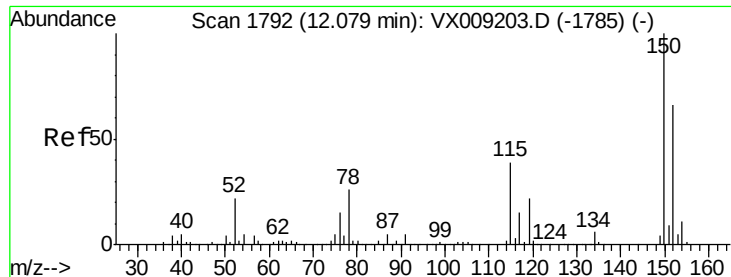
Tot Ion:106 Resp: 42294
Ion Ratio Lower Upper
106 100
91 209.3 164.0 246.0



#69
o-Xylene
Concen: 1.524 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

Tgt Ion:106 Resp: 4966
Ion Ratio Lower Upper
106 100
91 203.6 109.5 328.4



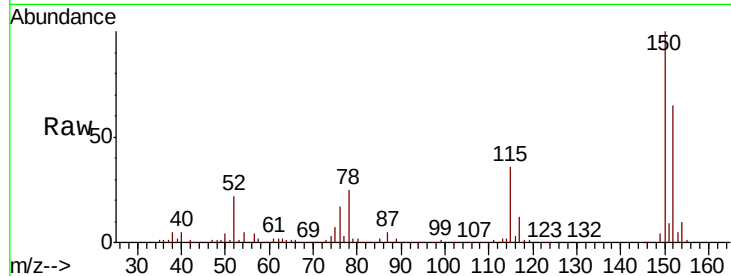


#72

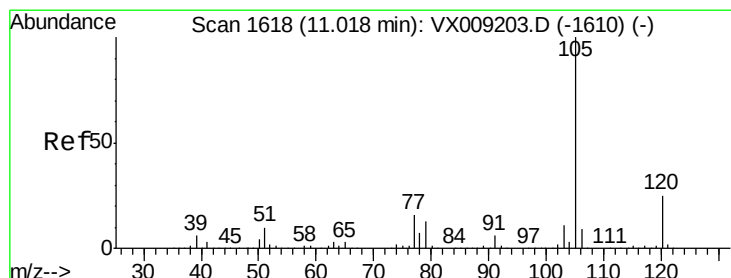
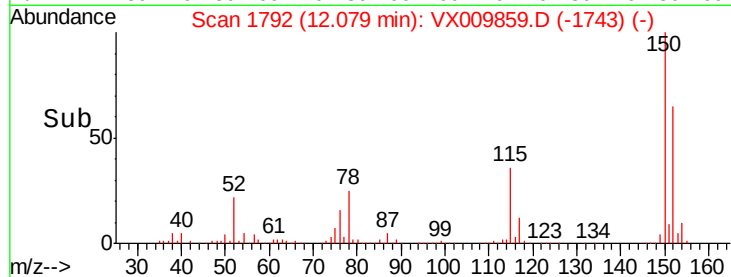
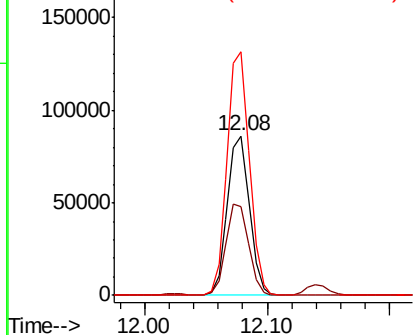
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	154.1	0.0	346.4



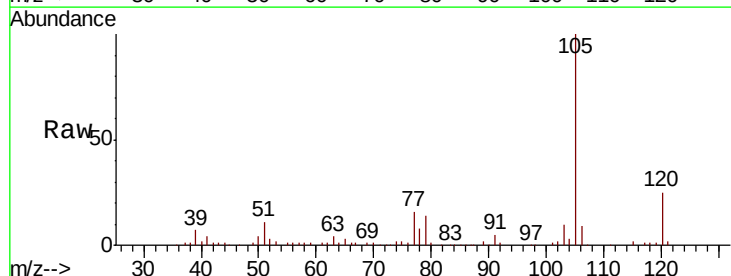
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



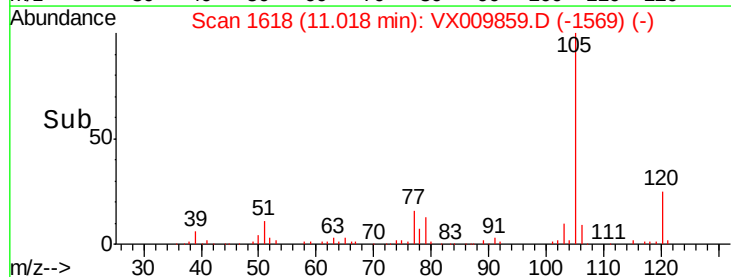
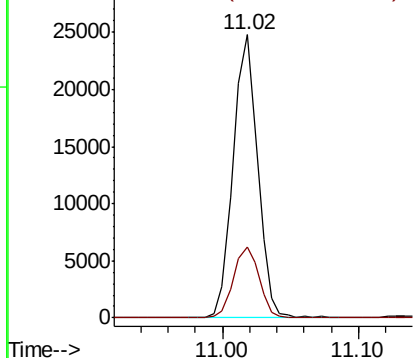
#73

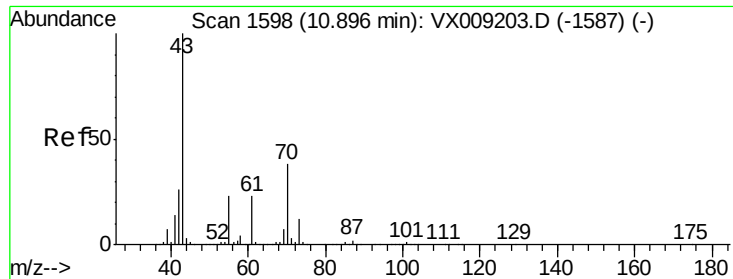
Isopropylbenzene
Concen: 3.974 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.3



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





#74

N-amvl acetate

Concen: 0.213 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 972

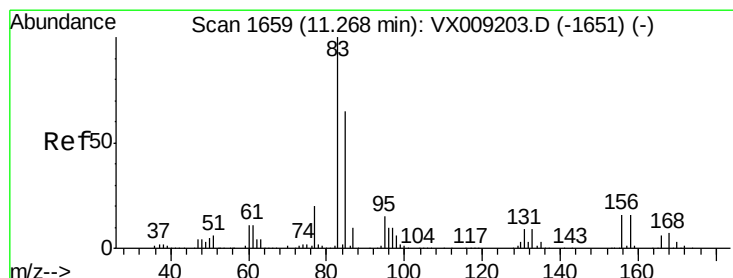
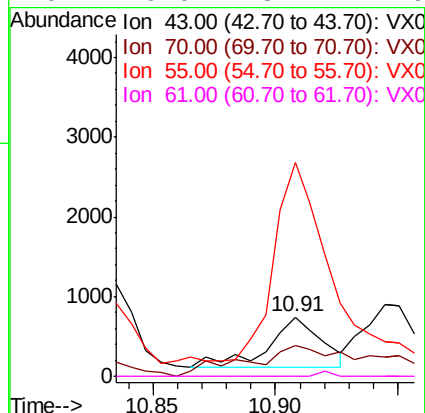
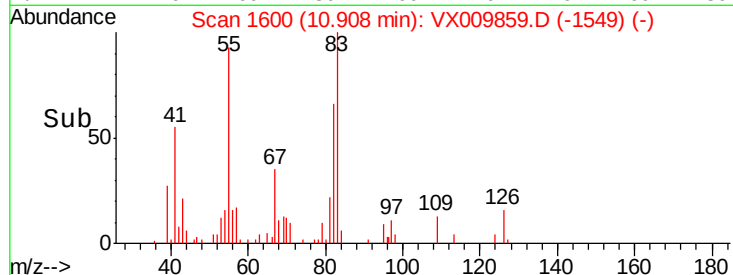
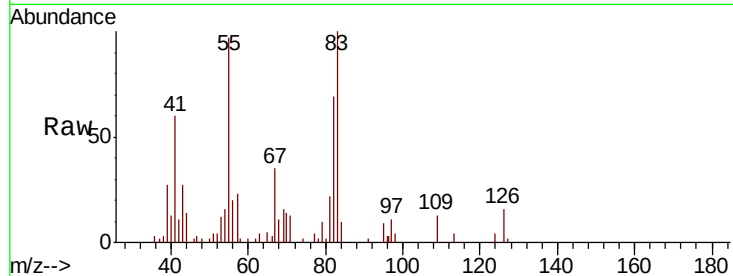
Ion Ratio Lower Upper

43 100

70 101.9 30.0 45.0#

55 423.3 17.9 26.9#

61 0.0 18.4 27.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.357 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

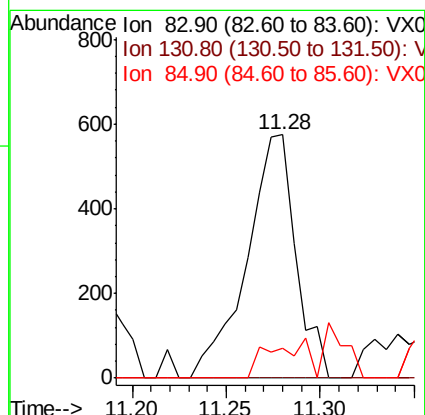
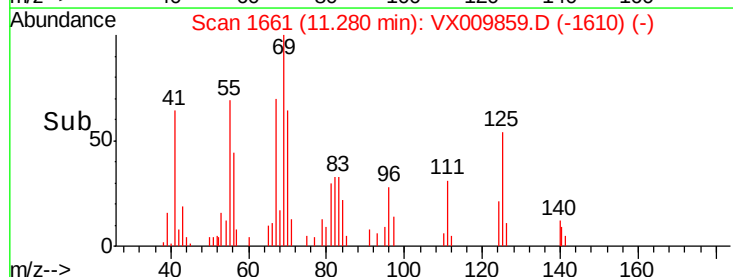
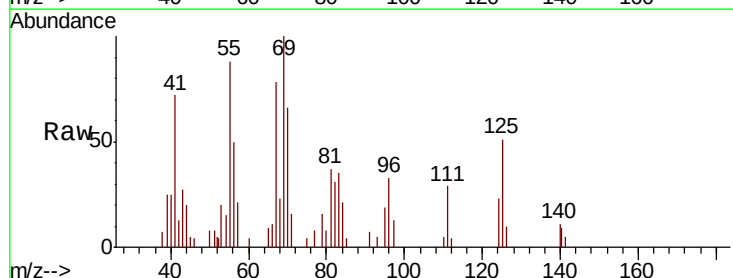
Tgt Ion: 83 Resp: 1043

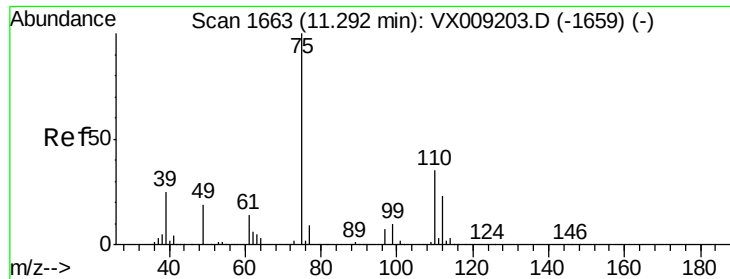
Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

85 9.0 32.0 96.2#

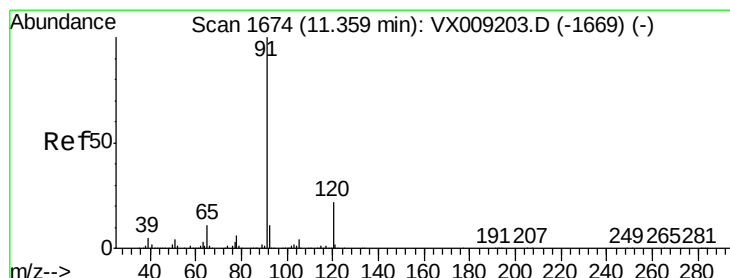
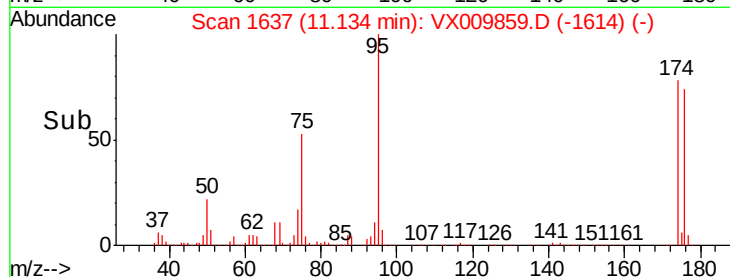
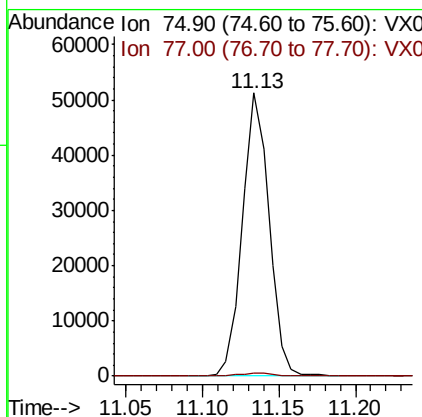
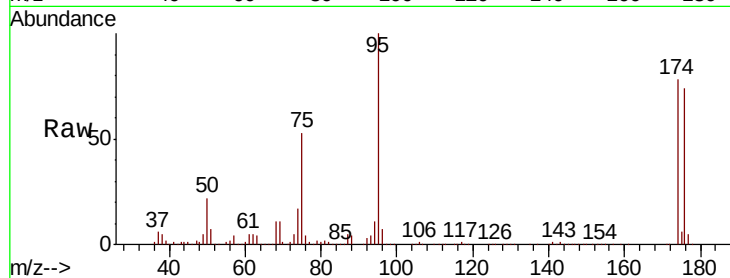




#76
 1,2,3-Trichloropropane
 Concen: 24.784 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

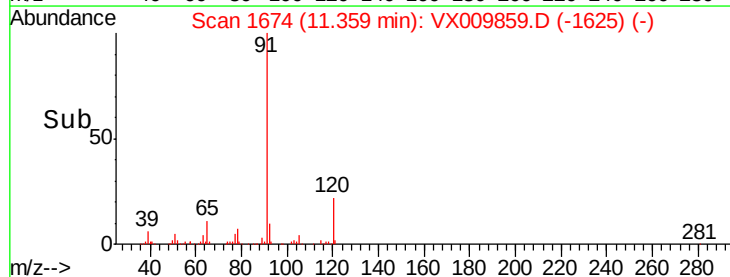
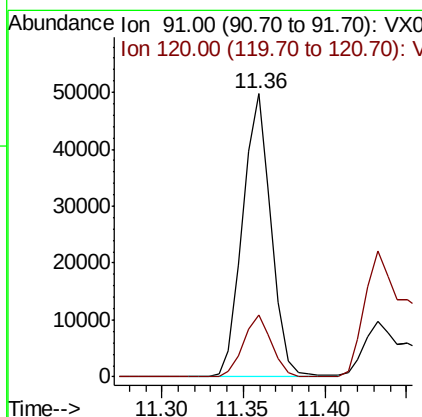
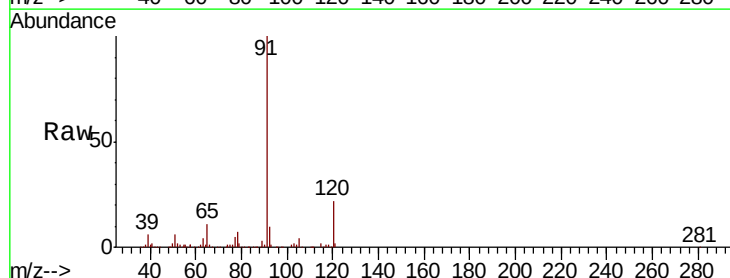
Instrument :
 MSVOA_X
 ClientSampleId :

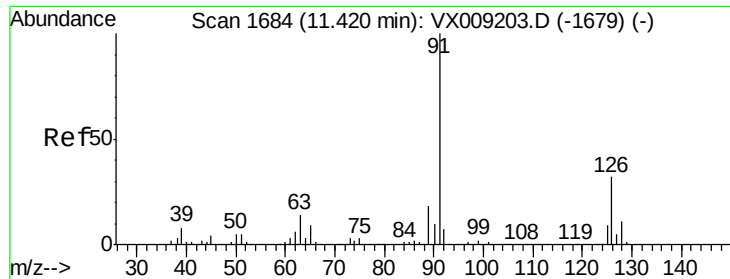
Tot Ion: 75 Resp: 62003
 Ion Ratio Lower Upper
 75 100
 77 1.7 22.1 66.1#



#78
 n-propylbenzene
 Concen: 6.781 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

Tgt Ion: 91 Resp: 60737
 Ion Ratio Lower Upper
 91 100
 120 21.4 11.0 33.0

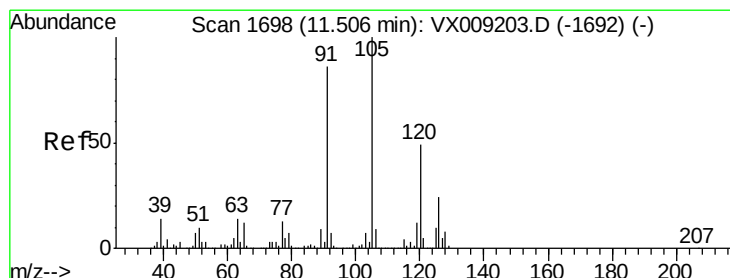
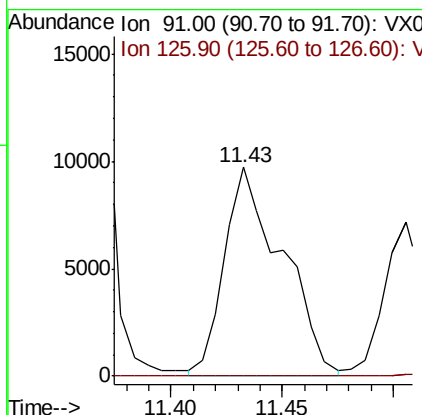
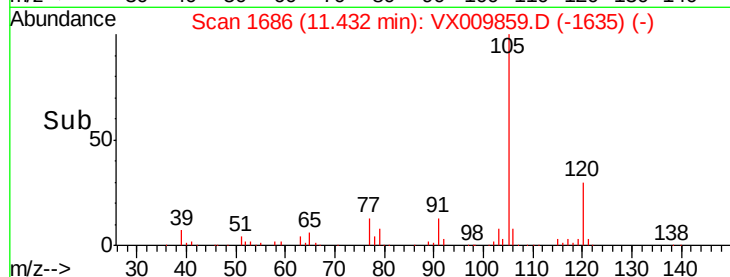
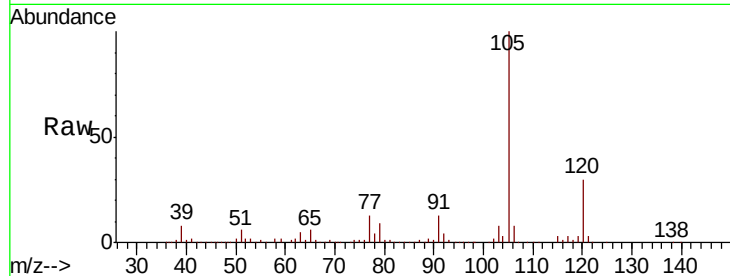




#79
2-Chlorotoluene
Concen: 3.165 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

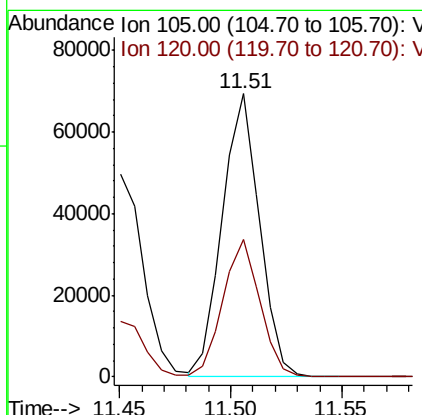
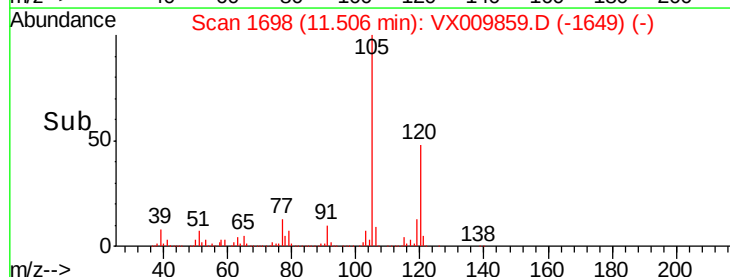
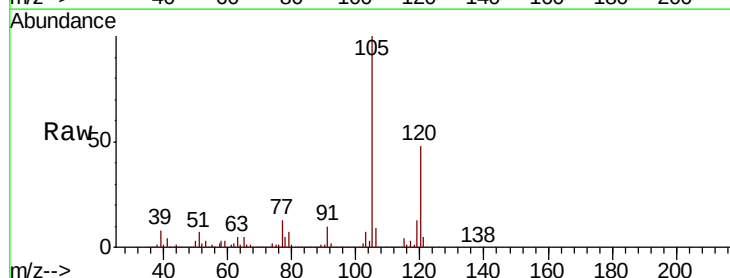
Instrument :
MSVOA_X
ClientSampled :

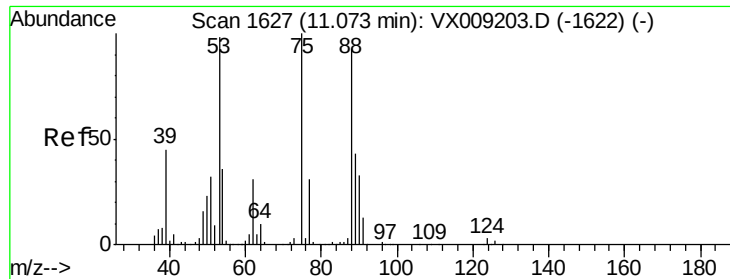
Tot Ion: 91 Resp: 17487
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.9#



#80
1,3,5-Trimethylbenzene
Concen: 12.198 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009859.D
Acq: 23 May 2019 15:31

Tgt Ion:105 Resp: 80549
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 63.413 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

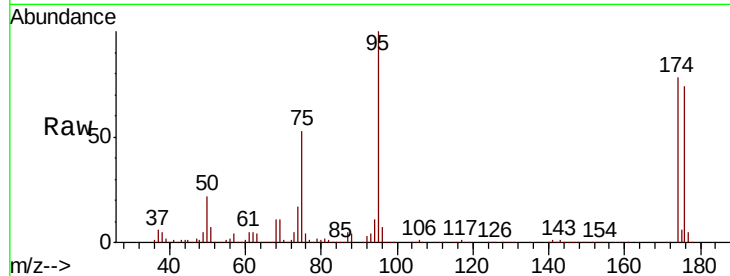
Tot Ion: 75 Resp: 62003

Ion Ratio Lower Upper

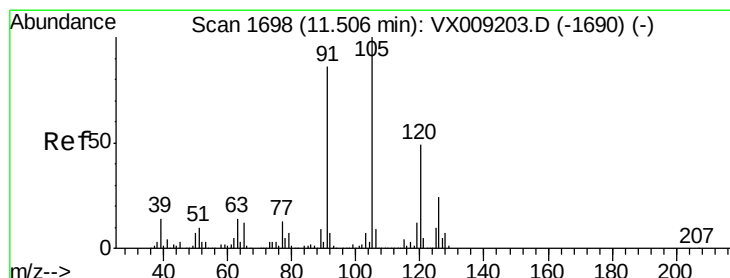
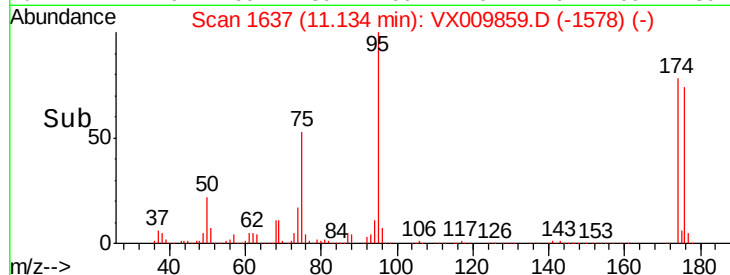
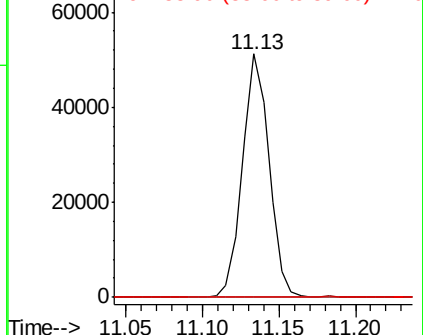
75 100

53 0.3 79.0 118.6#

89 0.0 34.7 52.1#



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: 1.380 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009859.D

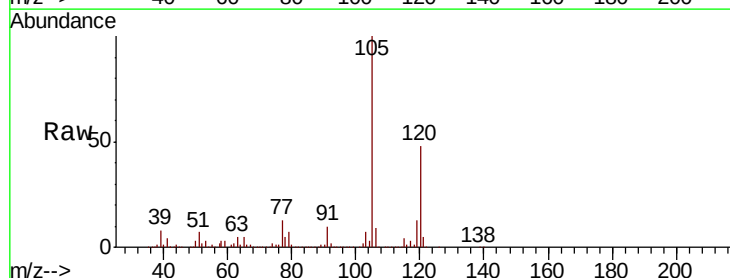
Acq: 23 May 2019 15:31

Tgt Ion: 91 Resp: 8618

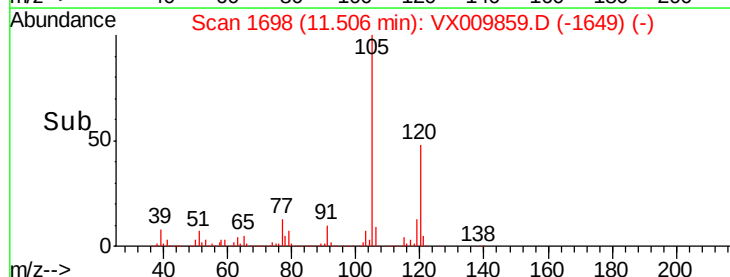
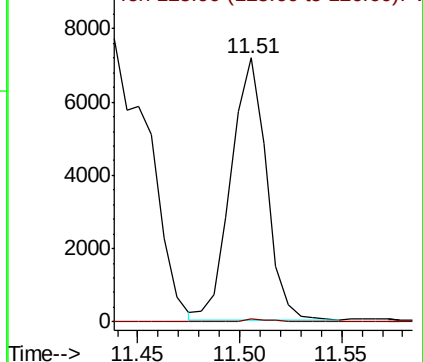
Ion Ratio Lower Upper

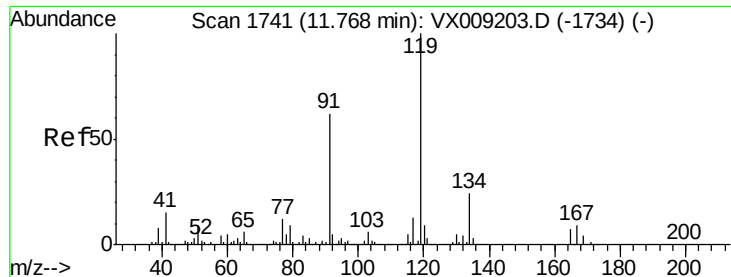
91 100

126 0.8 14.5 43.6#



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

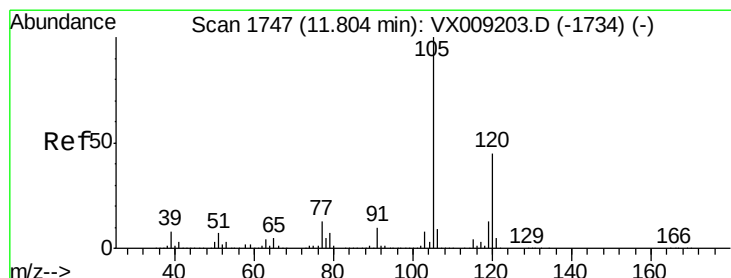
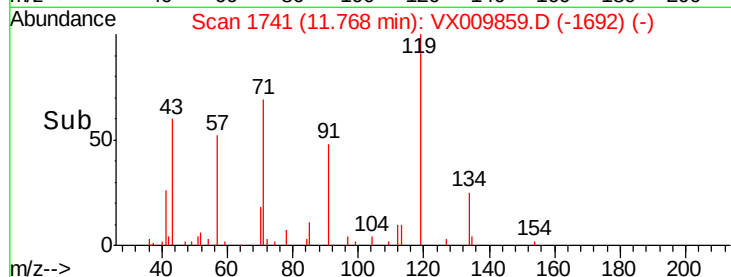
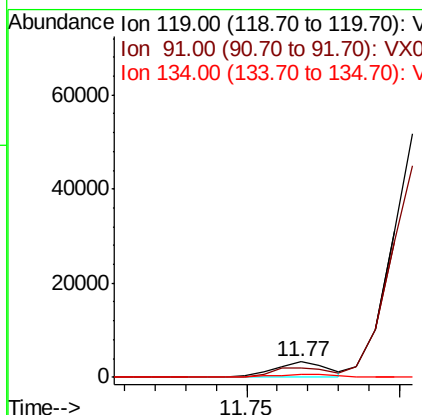
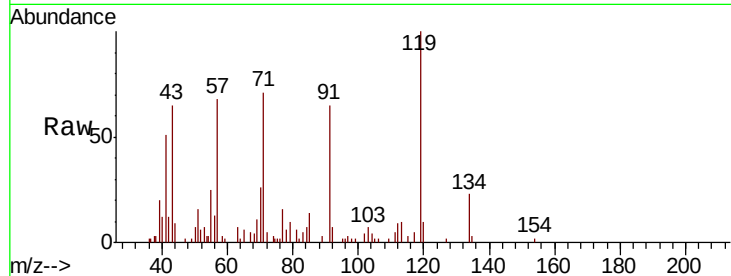




#83
 tert-Butylbenzene
 Concen: 0.611 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

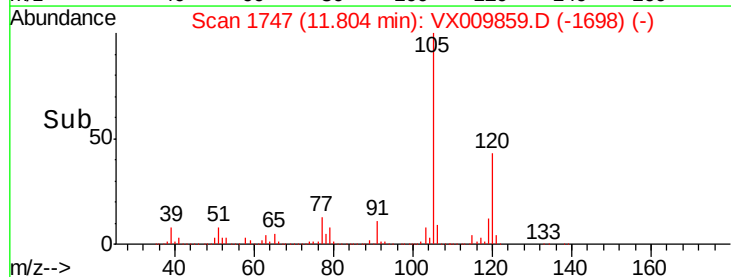
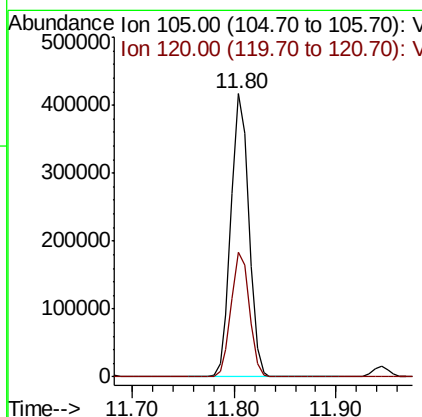
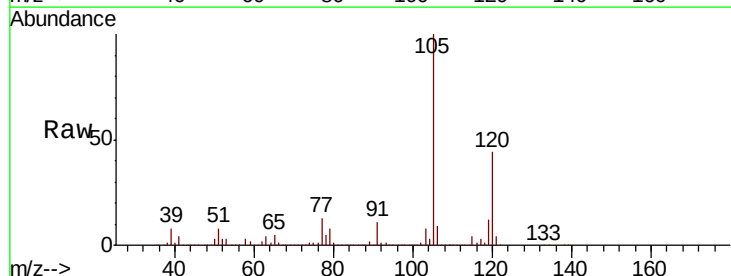
Instrument :
 MSVOA_X
 ClientSampleId :

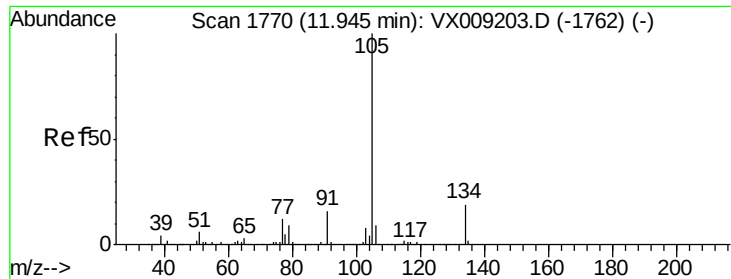
Tot Ion:119 Resp: 3922
 Ion Ratio Lower Upper
 119 100
 91 71.7 29.5 88.5
 134 24.8 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 75.859 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

Tgt Ion:105 Resp: 502824
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.0 66.0

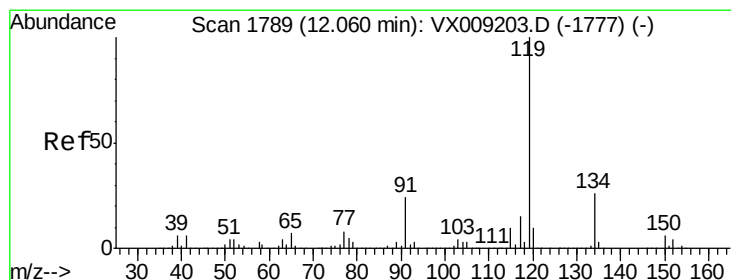
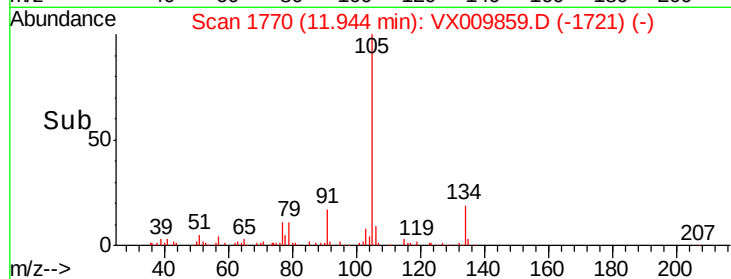
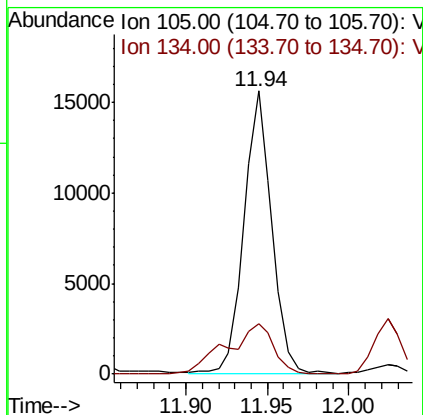
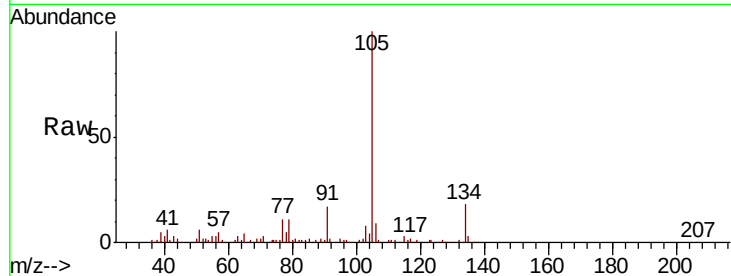




#85
 sec-Butylbenzene
 Concen: 2.450 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

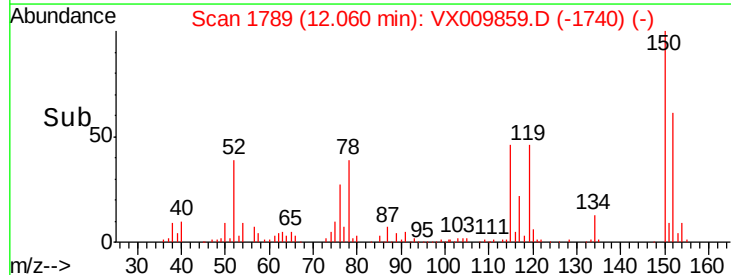
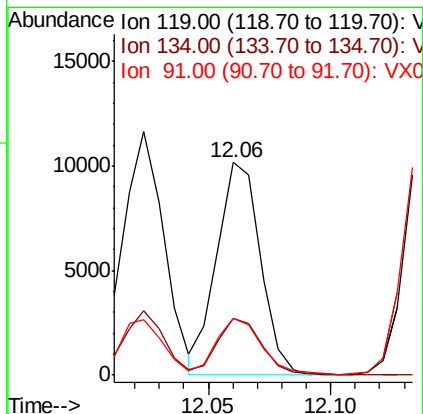
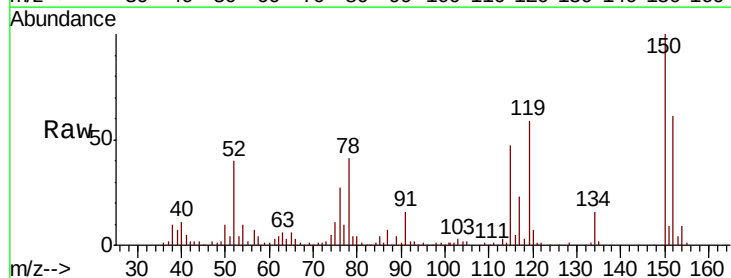
Instrument :
 MSVOA_X
 ClientSampled :

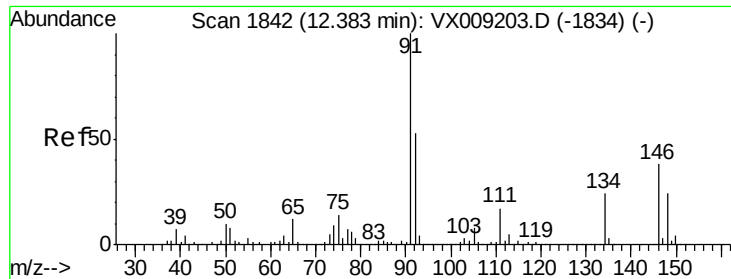
Tot Ion:105 Resp: 18660
 Ion Ratio Lower Upper
 105 100
 134 29.9 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 1.843 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009859.D
 Acq: 23 May 2019 15:31

Tgt Ion:119 Resp: 12619
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.9 38.7
 91 28.2 11.8 35.4





#89

n-Butylbenzene

Concen: 2.361 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

ClientSampled :

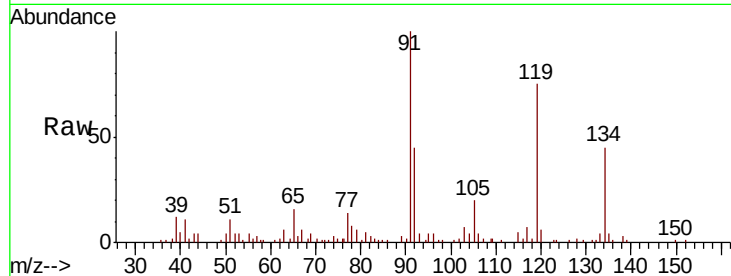
Tot Ion: 91 Resp: 14612

Ion Ratio Lower Upper

91 100

92 35.5 26.5 79.5

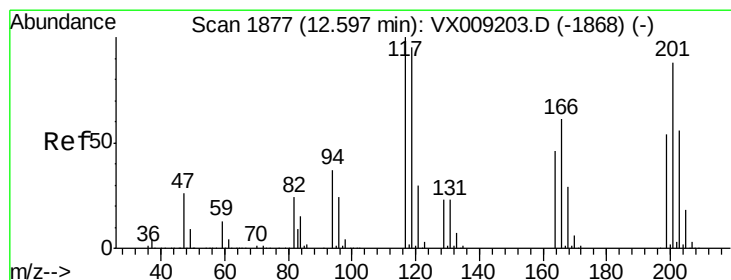
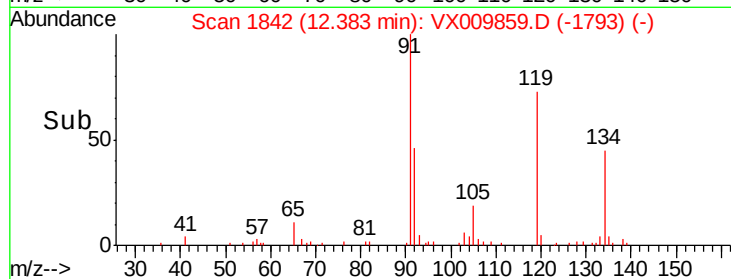
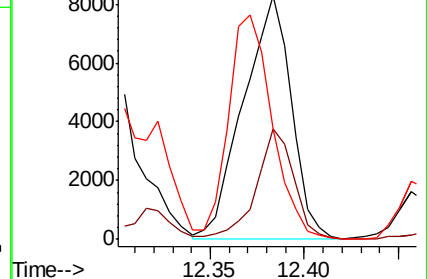
134 83.8 12.4 37.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 2.375 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX009859.D

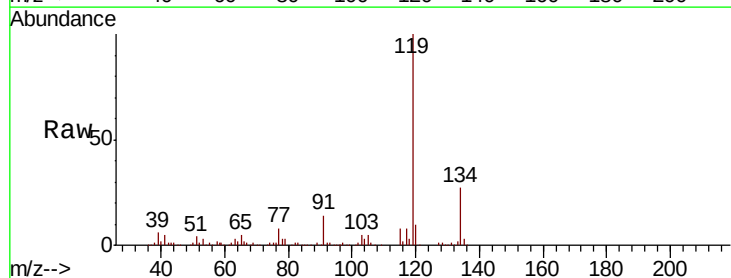
Acq: 23 May 2019 15:31

Tgt Ion: 117 Resp: 2770

Ion Ratio Lower Upper

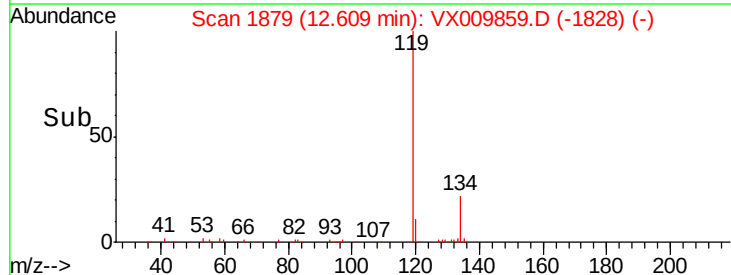
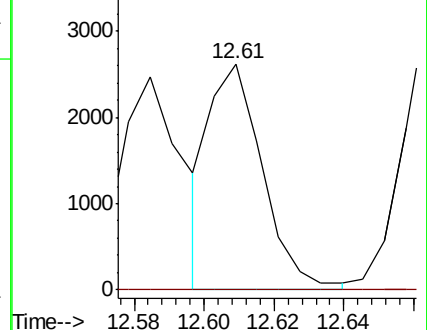
117 100

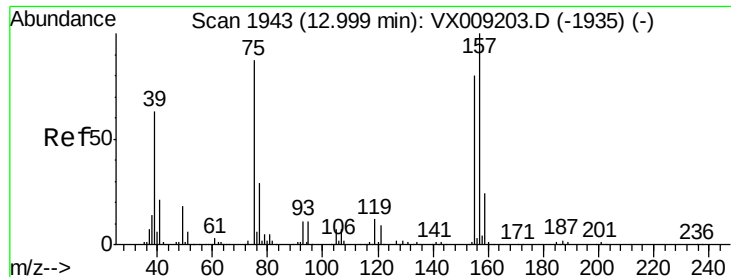
201 0.0 42.3 126.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.497 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

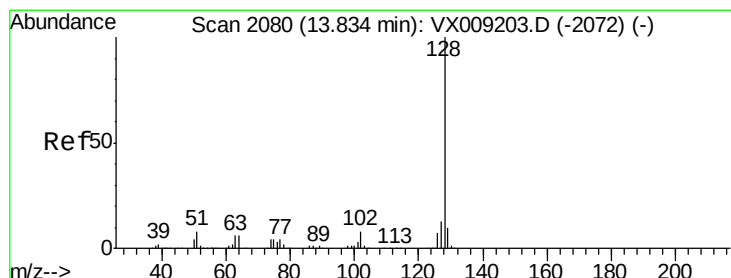
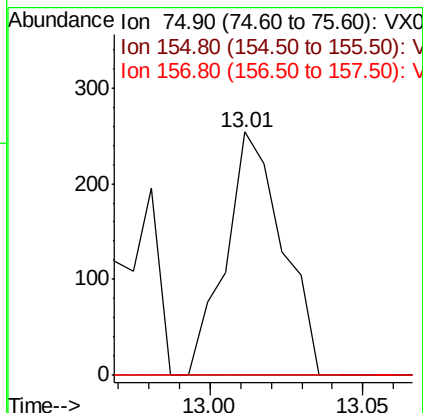
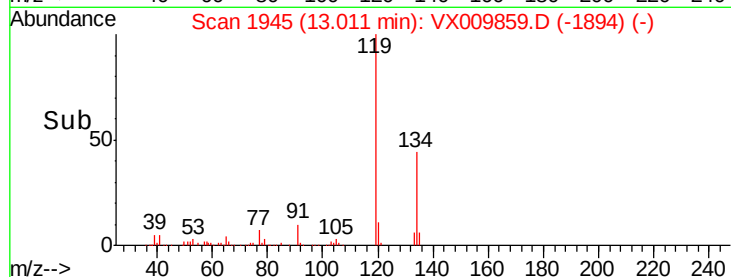
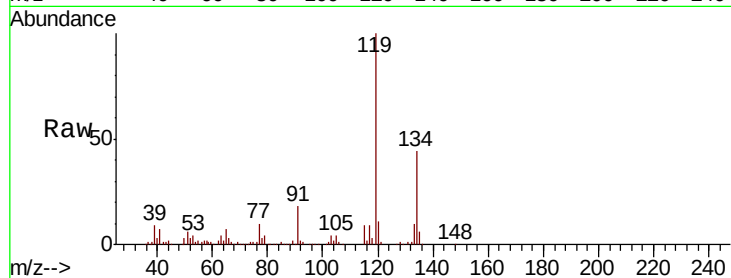
Tot Ion: 75 Resp: 326

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

157 0.0 53.2 159.6#



#95

Naphthalene

Concen: 5.815 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009859.D

Acq: 23 May 2019 15:31

Tgt Ion: 128 Resp: 45724

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 11.1 8.6 13.0

