

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013109.D
 Acq On : 17 Oct 2019 15:57
 Operator : JC/SP
 Sample : K5406-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18

Quant Time: Oct 18 08:03:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

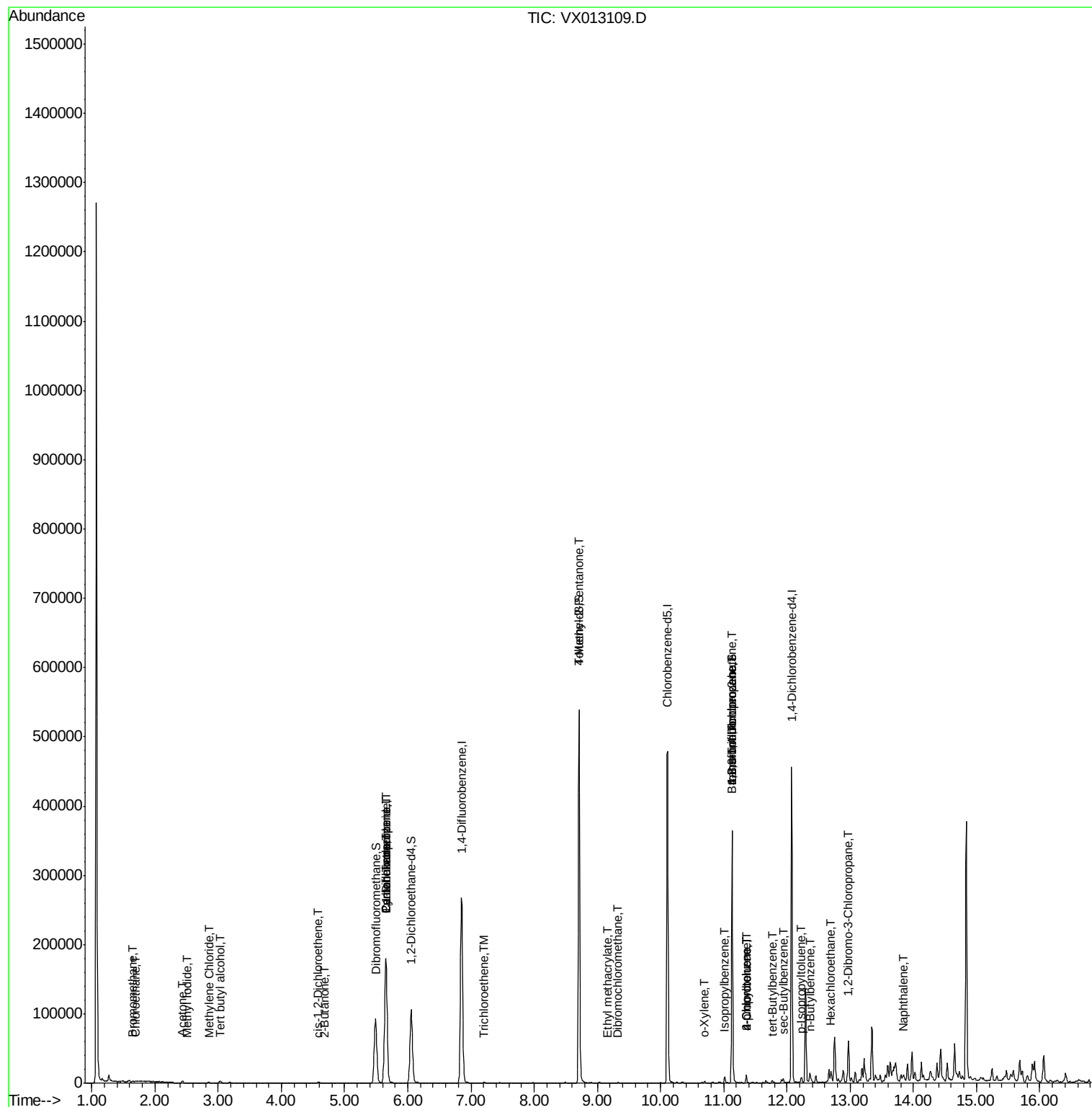
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104277	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.49	113	81397	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.71	98	314659	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	105962	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	360	0.446	ug/l #	48
6) Chloroethane	1.69	64	66	0.423	ug/l #	43
10) Methyl Iodide	2.51	142	236	5.192	ug/l #	40
11) Tert butyl alcohol	3.03	59	2570	4.577	ug/l #	91
16) Acetone	2.43	43	2912	2.608	ug/l	98
20) Methylene Chloride	2.85	84	453	0.221	ug/l #	73
25) 2-Butanone	4.68	43	662	0.427	ug/l #	49
27) cis-1,2-Dichloroethene	4.58	96	673	0.318	ug/l #	53
31) Cyclohexane	5.66	56	3584	1.166	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	12542	5.220	ug/l #	50
38) Carbon Tetrachloride	5.65	117	18042	7.714	ug/l #	18
44) Trichloroethene	7.22	130	496	0.252	ug/l	80
51) 4-Methyl-2-Pentanone	8.71	43	1425	0.530	ug/l #	1
56) Ethyl methacrylate	9.15	69	20	1.837	ug/l #	1
60) Dibromochloromethane	9.33	129	23	1.868	ug/l #	10
69) o-Xylene	10.70	106	598	0.204	ug/l	88
71) Bromoform	11.12	173	97	3.201	ug/l #	29
73) Isopropylbenzene	11.01	105	5001	0.750	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	51093	25.406	ug/l #	32
78) n-propylbenzene	11.35	91	6760	0.922	ug/l	96
79) 2-Chlorotoluene	11.35	91	6760	1.466	ug/l #	42
81) trans-1,4-Dichloro-2-buten	11.13	75	51093	64.080	ug/l #	10
82) 4-Chlorotoluene	11.35	91	6760	1.279	ug/l #	46
83) tert-Butylbenzene	11.76	119	1377	0.254	ug/l	80
85) sec-Butylbenzene	11.94	105	3597	0.572	ug/l	98
86) p-Isopropyltoluene	12.23	119	3349	0.574	ug/l	92
89) n-Butylbenzene	12.38	91	2858	0.583	ug/l #	67
90) Hexachloroethane	12.70	117	4836	6.404	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	12.98	75	275	0.529	ug/l #	1
95) Naphthalene	13.83	128	4237	0.682	ug/l #	89

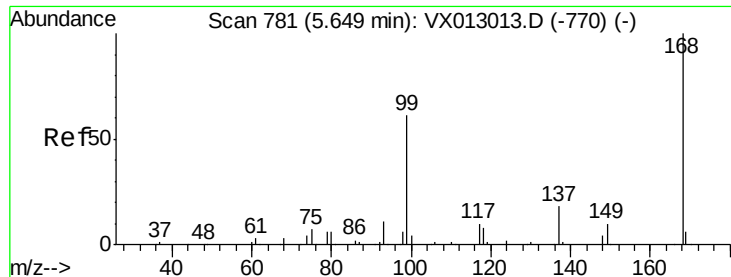
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

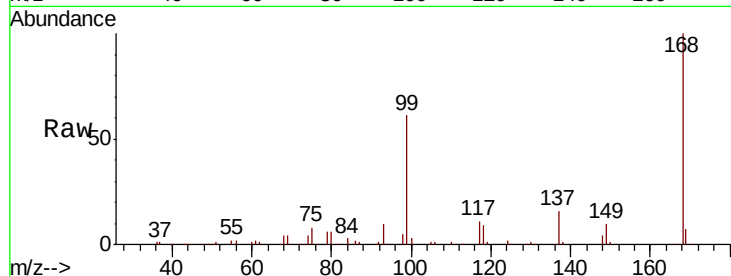
MW-18

Tot Ion:168 Resp: 169465

Ion Ratio Lower Upper

168 100

99 61.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

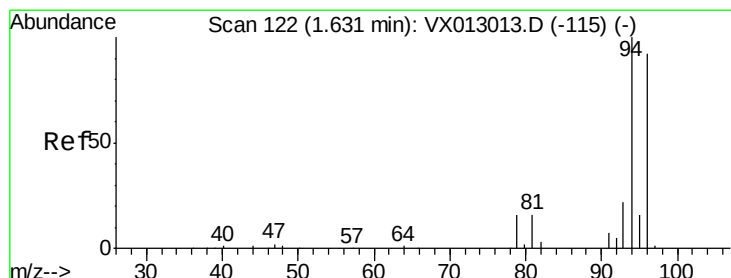
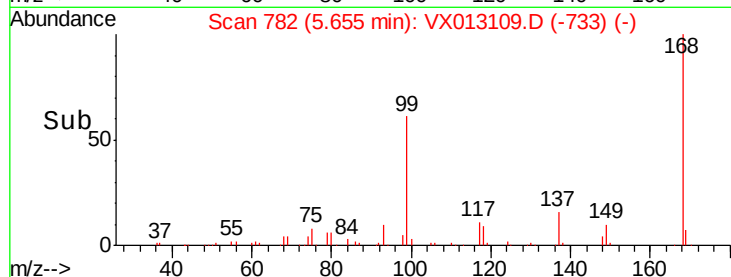
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.446 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013109.D

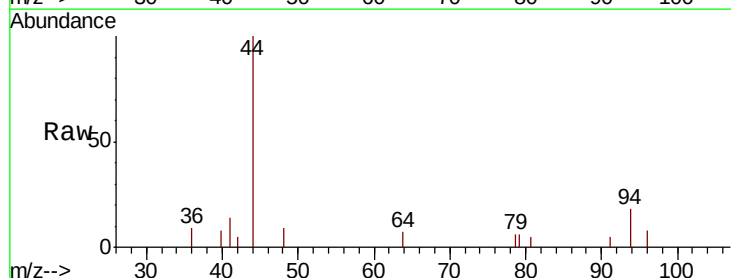
Acq: 17 Oct 2019 15:57

Tgt Ion: 94 Resp: 360

Ion Ratio Lower Upper

94 100

96 43.2 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200

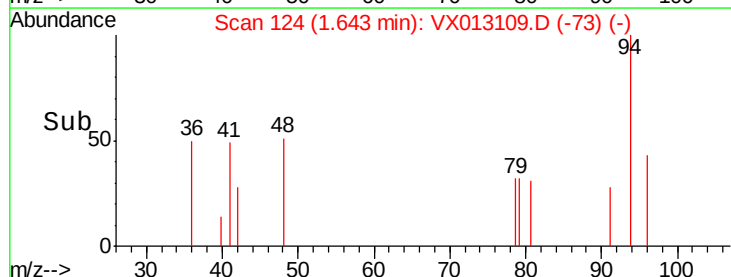
150

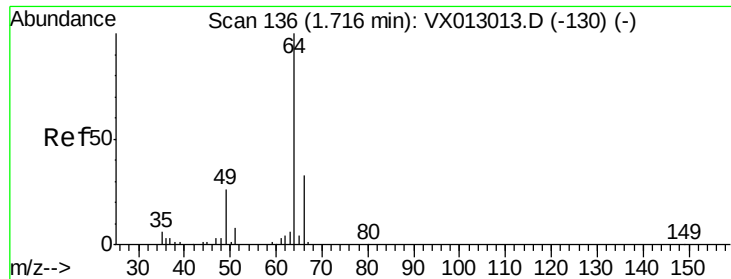
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.423 ug/l

RT: 1.69 min Scan# 132

Delta R.T. -0.02 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

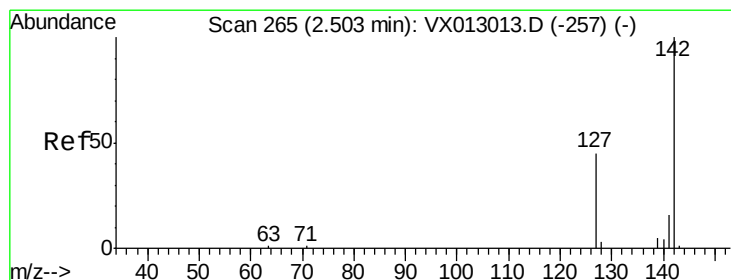
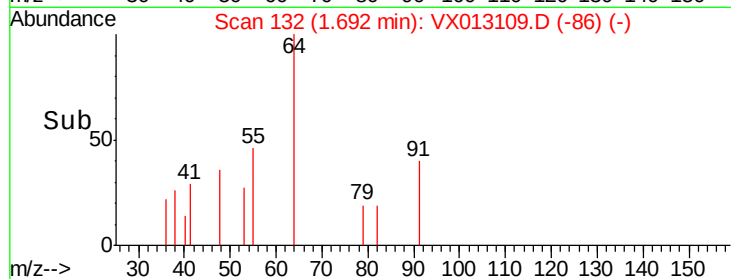
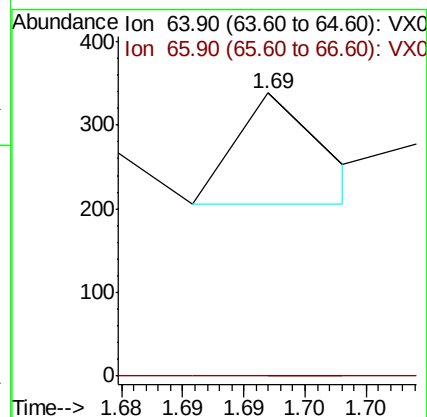
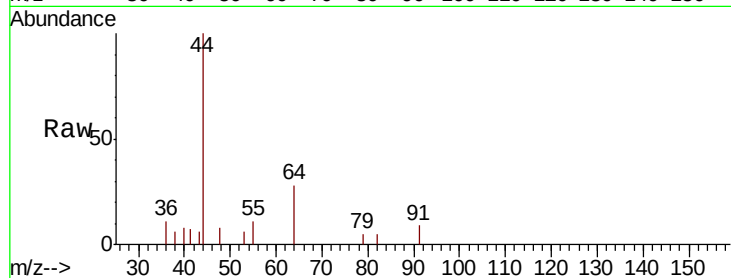
MW-18

Tot Ion: 64 Resp: 66

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



#10

Methyl Iodide

Concen: 5.192 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

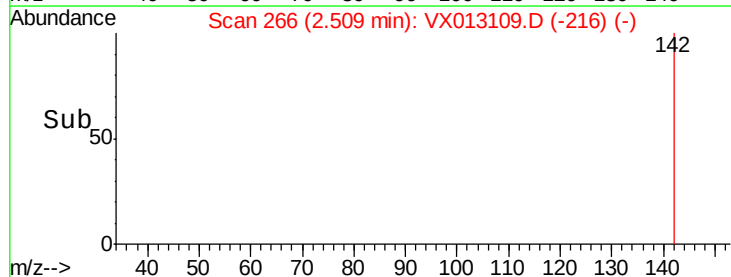
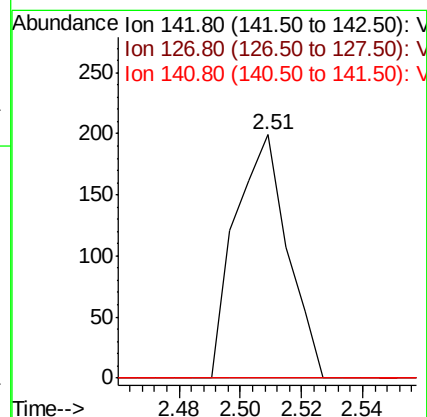
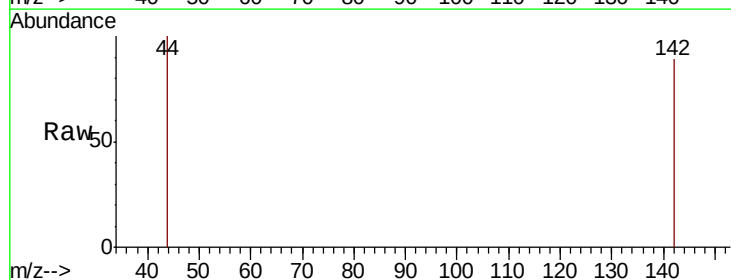
Tgt Ion: 142 Resp: 236

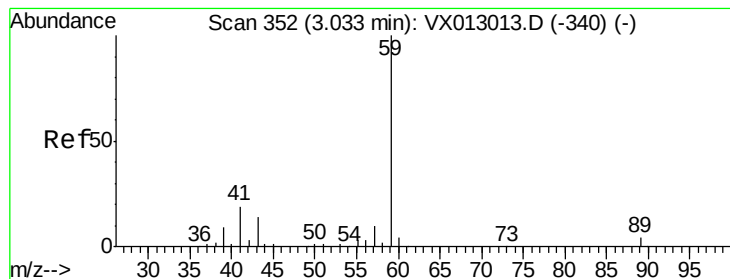
Ion Ratio Lower Upper

142 100

127 0.0 34.9 52.3#

141 0.0 11.6 17.4#



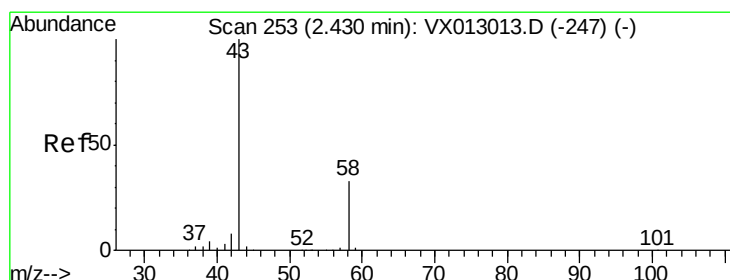
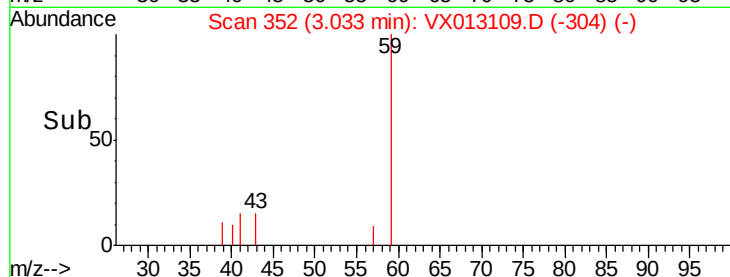
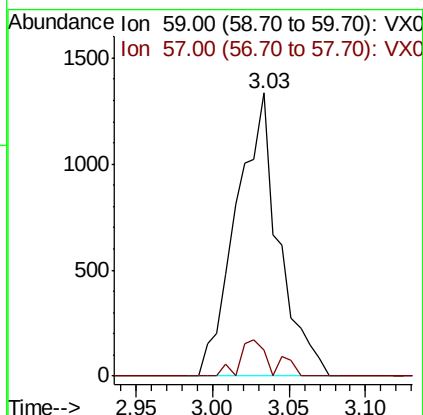
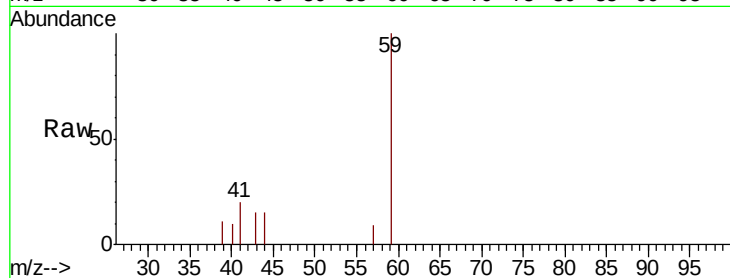


#11

Tert butyl alcohol
 Concen: 4.577 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013109.D
 Acq: 17 Oct 2019 15:57

Instrument :
 MSVOA_X
 ClientSampled :
 MW-18

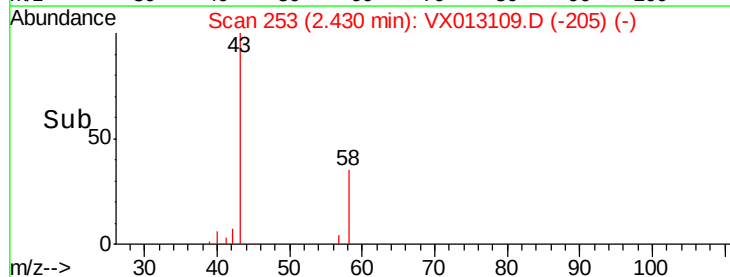
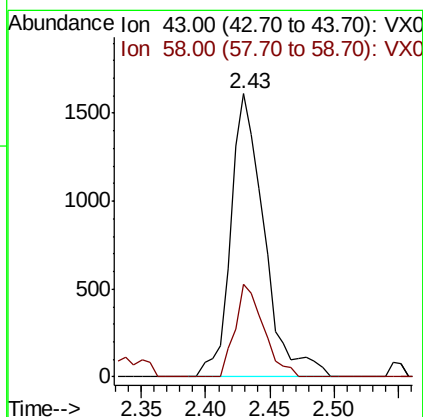
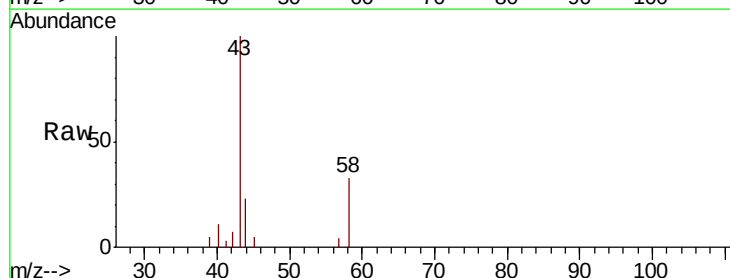
Tot Ion: 59 Resp: 2570
 Ion Ratio Lower Upper
 59 100
 57 7.2 8.3 12.5#

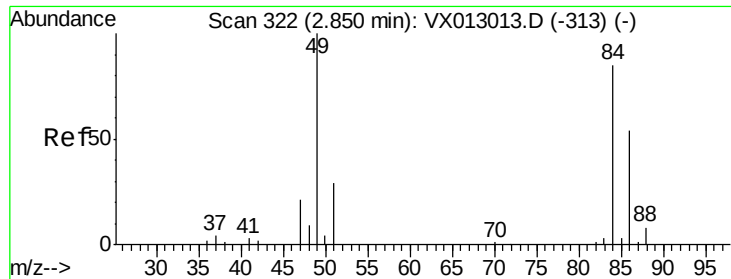


#16

Acetone
 Concen: 2.608 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX013109.D
 Acq: 17 Oct 2019 15:57

Tgt Ion: 43 Resp: 2912
 Ion Ratio Lower Upper
 43 100
 58 32.8 25.4 38.2

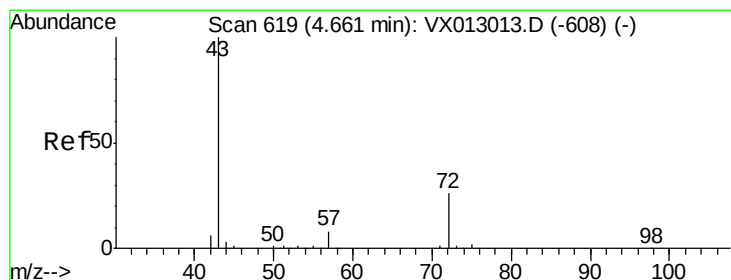
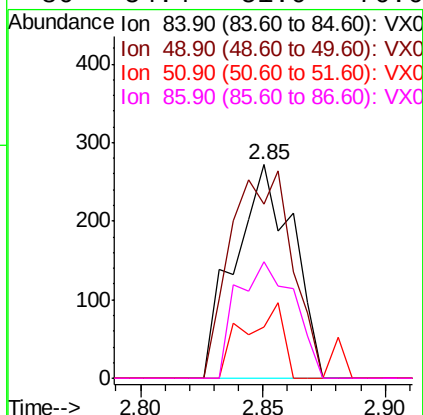
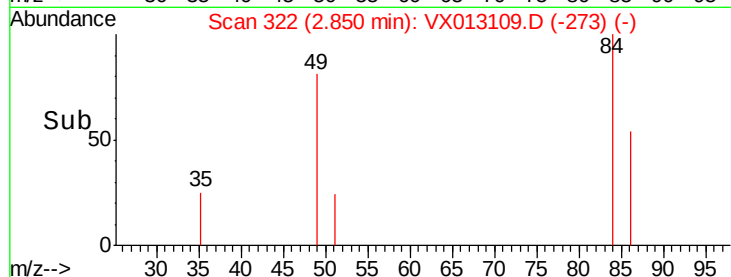
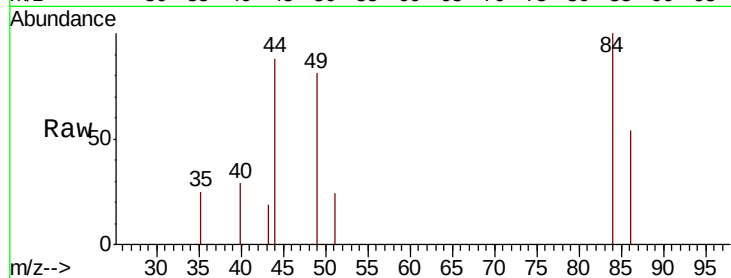




#20
Methvlene Chloride
Concen: 0.221 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

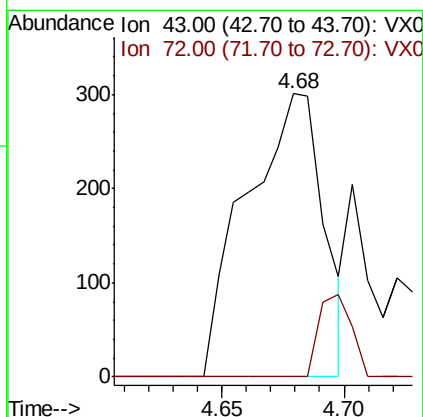
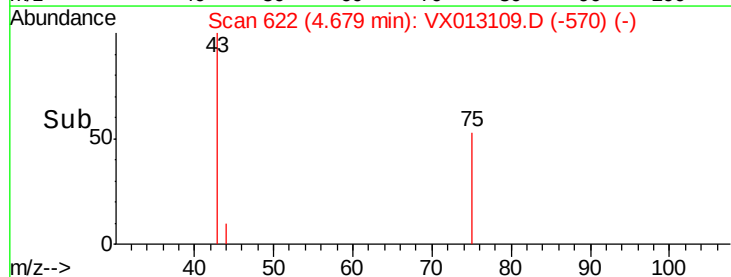
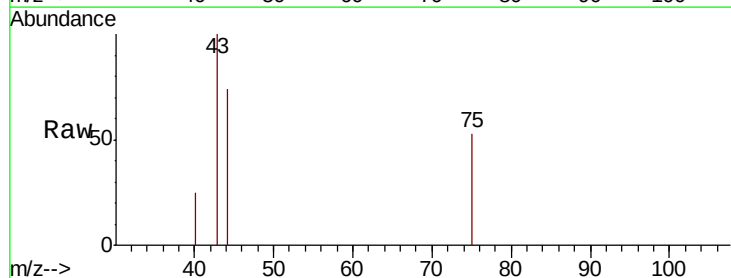
Instrument :
MSVOA_X
ClientSampleId :
MW-18

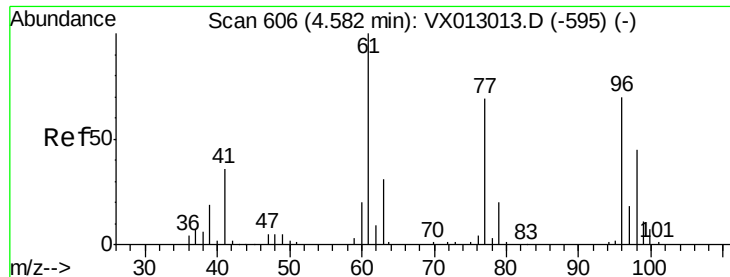
Tot Ion: 84 Resp: 453
Ion Ratio Lower Upper
84 100
49 81.3 96.6 144.8#
51 23.9 30.7 46.1#
86 54.4 51.0 76.6



#25
2-Butanone
Concen: 0.427 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



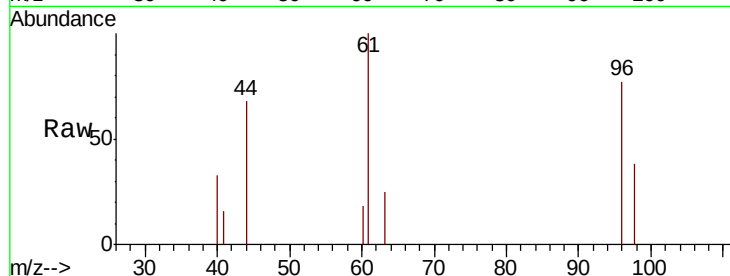


#27

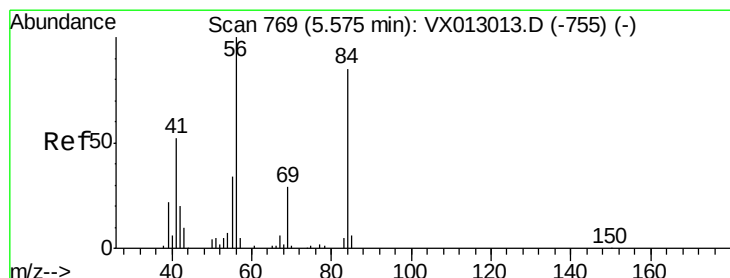
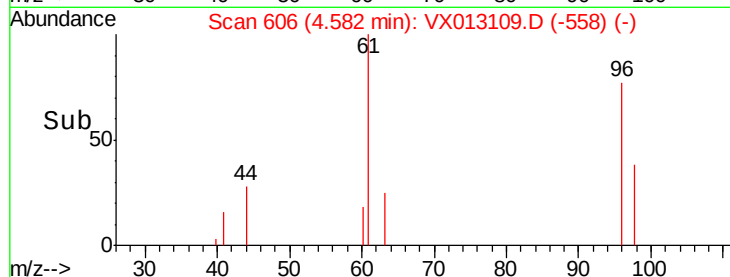
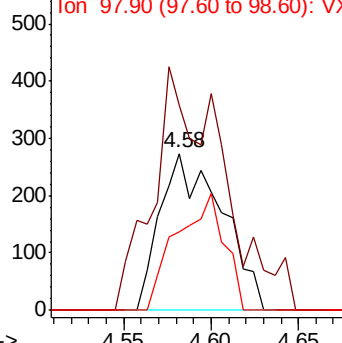
cis-1,2-Dichloroethene
Concen: 0.318 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
MW-18

Tot Ion: 96 Resp: 673
Ion Ratio Lower Upper
96 100
61 106.1 0.0 290.6
98 0.0 0.0 128.8



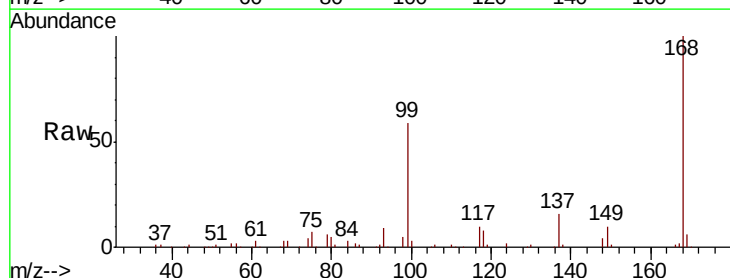
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



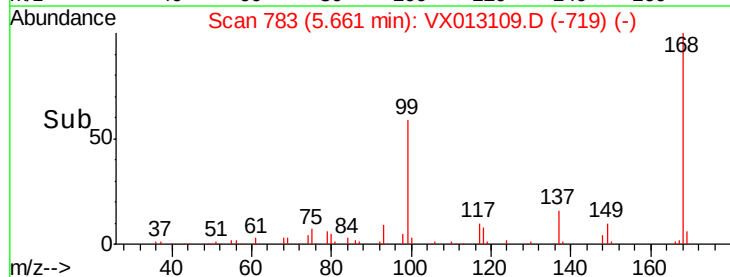
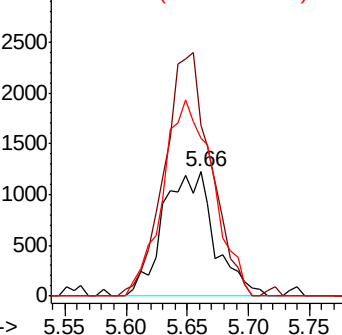
#31

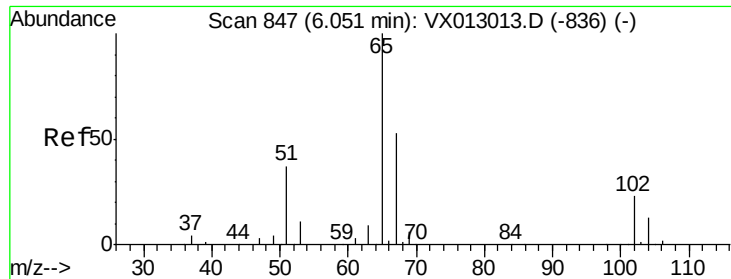
Cyclohexane
Concen: 1.166 ug/l
RT: 5.66 min Scan# 783
Delta R.T. 0.09 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 56 Resp: 3584
Ion Ratio Lower Upper
56 100
69 132.0 25.2 37.8#
84 126.8 71.3 106.9#



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

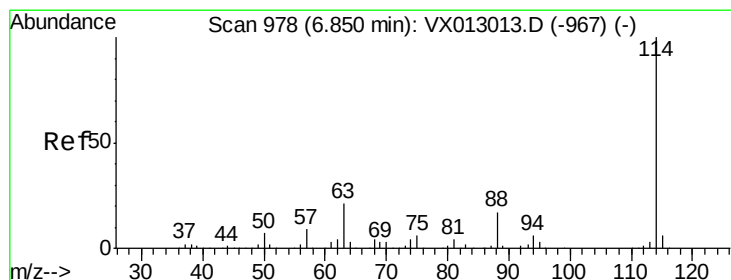
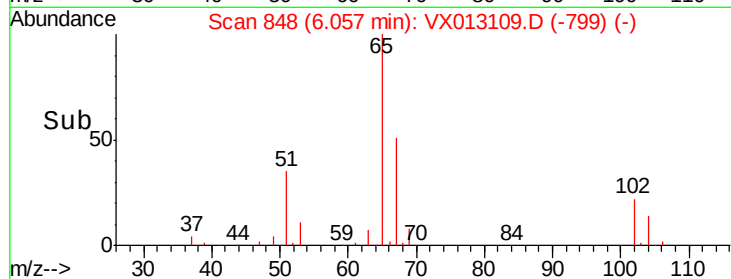
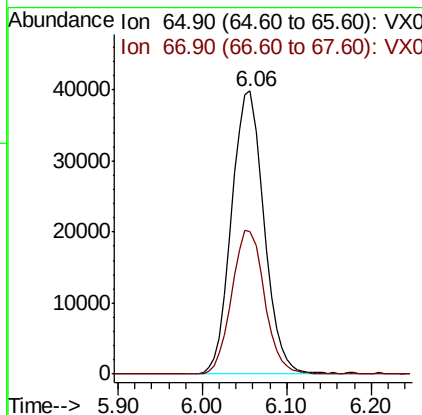
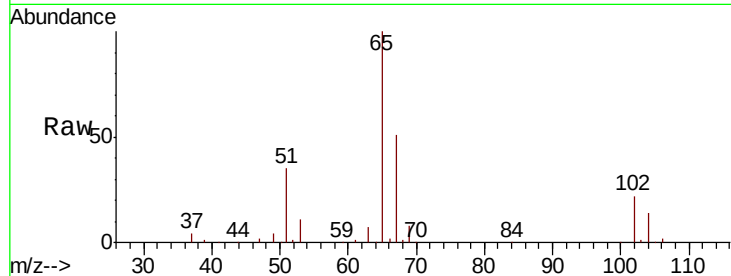




#33
 1,2-Dichloroethane-d4
 Concen: 49.231 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX013109.D
 Acq: 17 Oct 2019 15:57

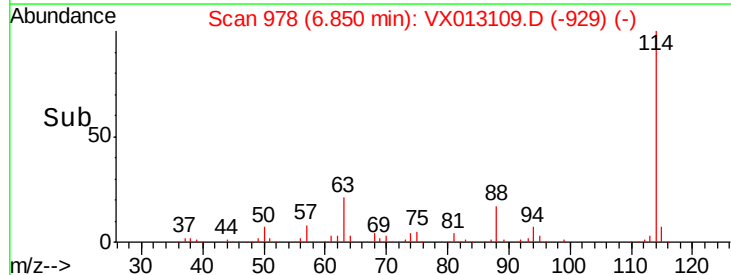
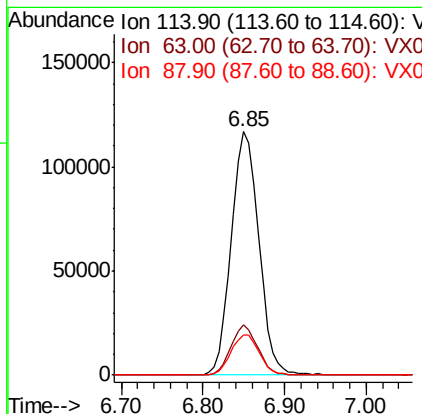
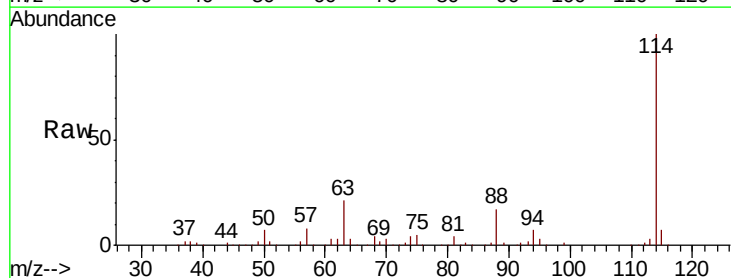
Instrument :
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 ClientSampled :
 MW-18

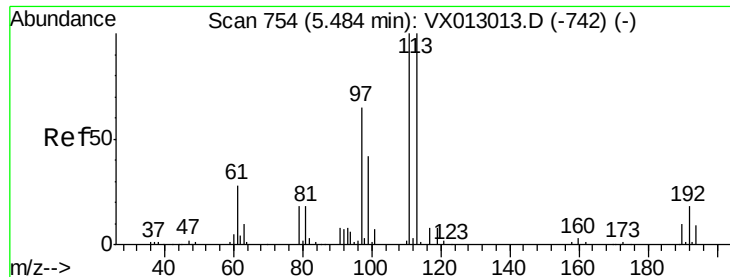
Tot Ion: 65 Resp: 104277
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013109.D
 Acq: 17 Oct 2019 15:57

Tgt Ion: 114 Resp: 273293
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.893 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-18

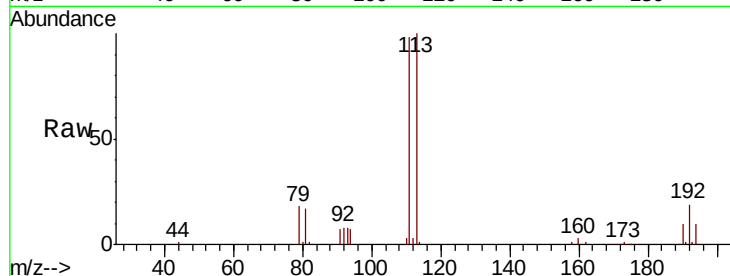
Tot Ion:113 Resp: 81397

Ion Ratio Lower Upper

113 100

111 101.3 83.2 124.8

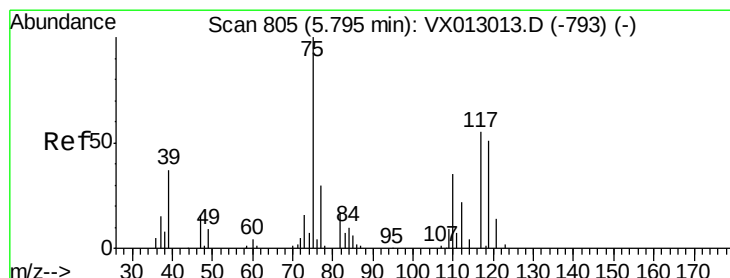
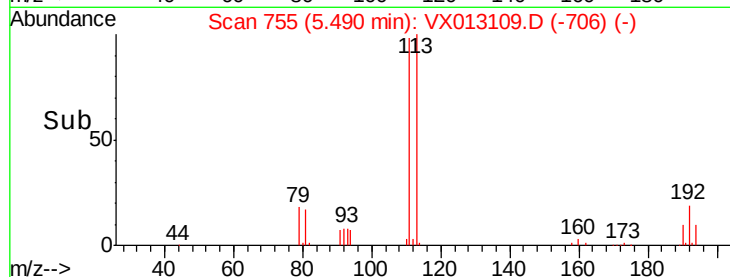
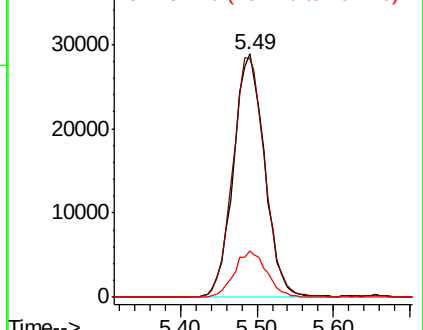
192 19.6 15.4 23.2



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: 5.220 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

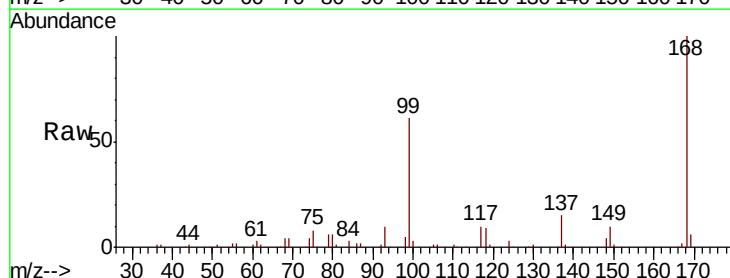
Tgt Ion: 75 Resp: 12542

Ion Ratio Lower Upper

75 100

110 9.2 17.6 52.9#

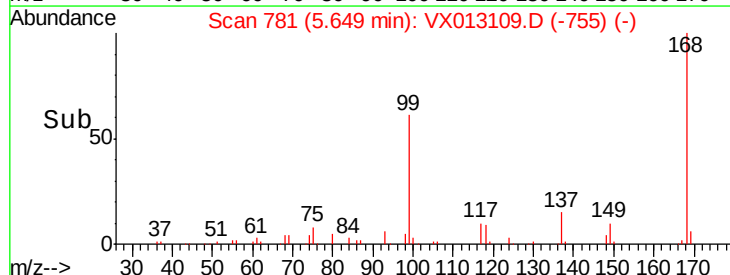
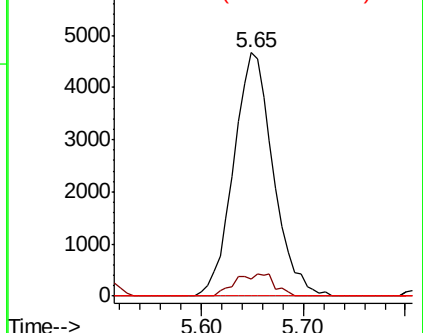
77 0.0 24.4 36.6#

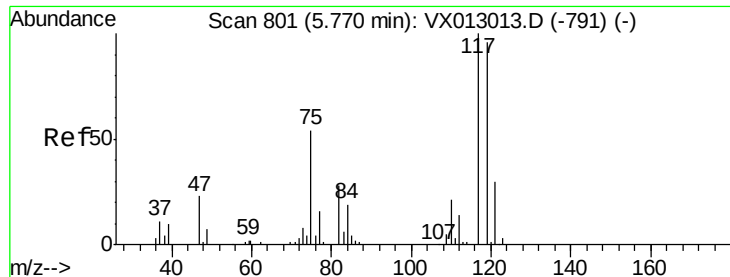


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.714 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampled :

MW-18

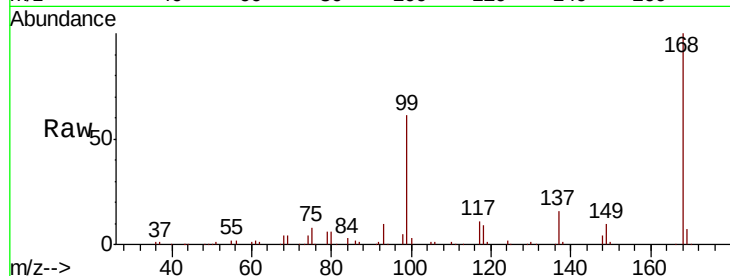
Tot Ion:117 Resp: 18042

Ion Ratio Lower Upper

117 100

119 5.9 74.5 111.7#

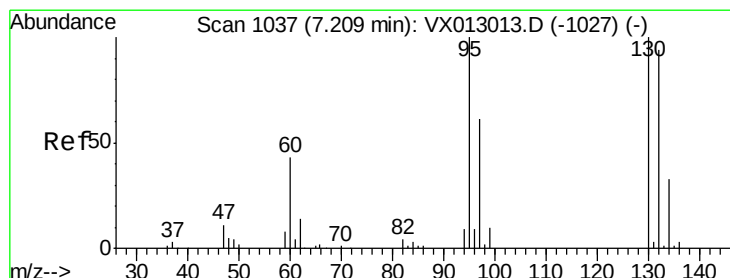
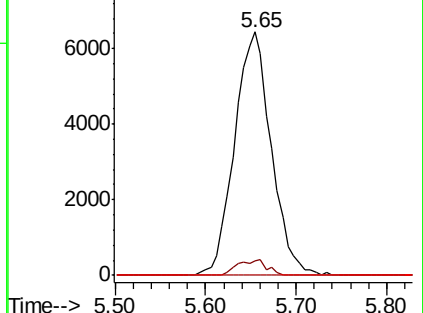
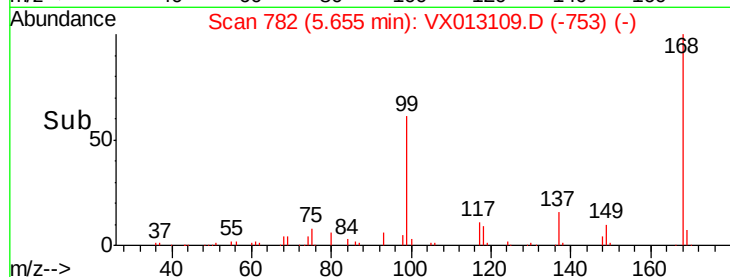
121 0.0 24.2 36.4#



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



#44

Trichloroethene

Concen: 0.252 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013109.D

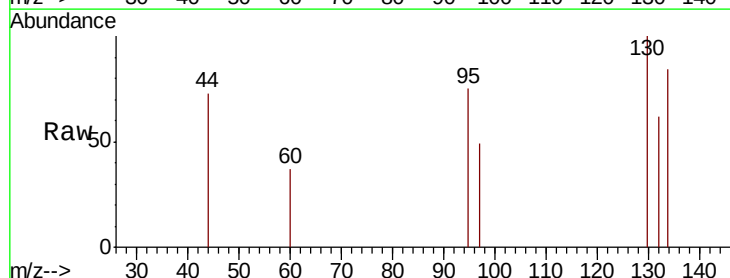
Acq: 17 Oct 2019 15:57

Tgt Ion:130 Resp: 496

Ion Ratio Lower Upper

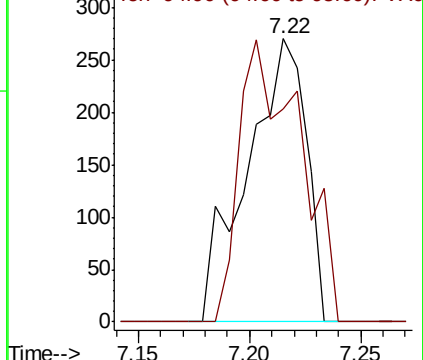
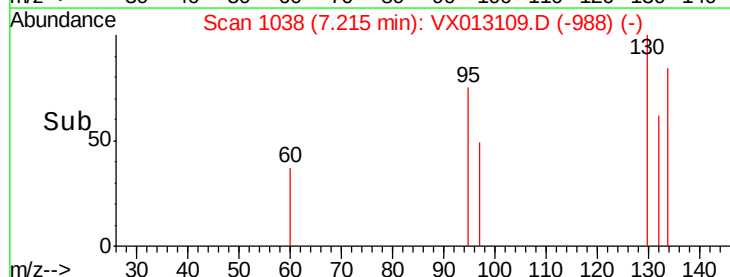
130 100

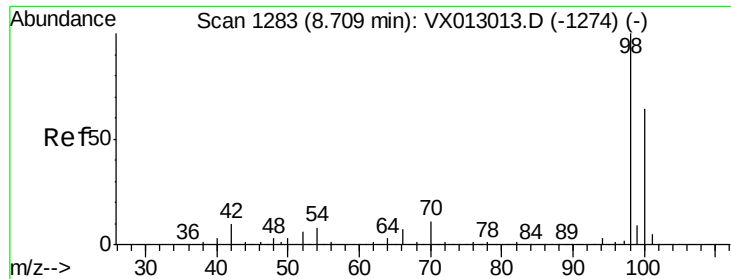
95 75.2 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

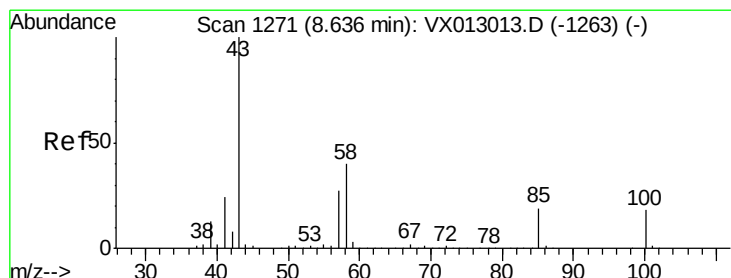
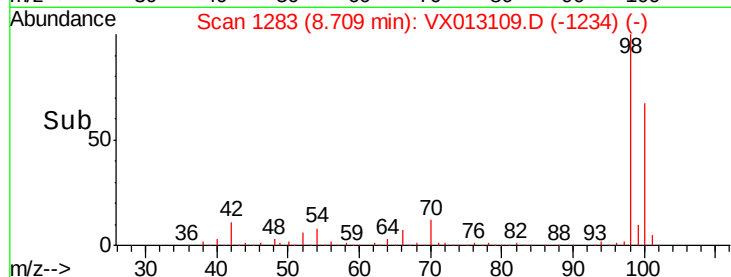
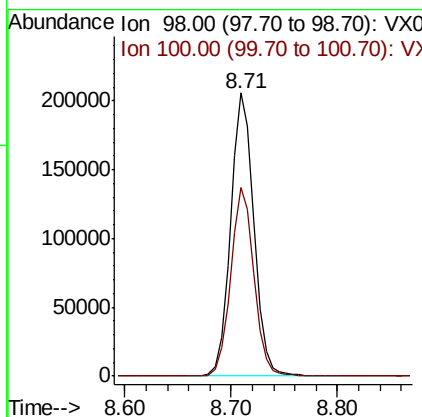
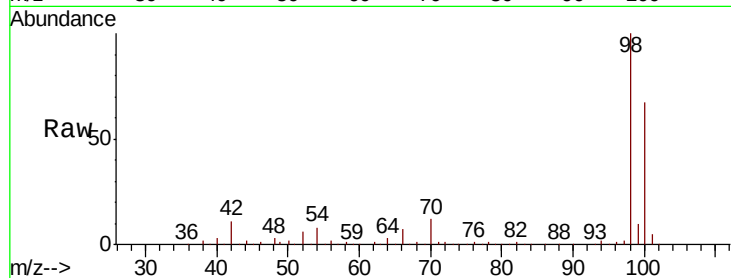




#50
Toluene-d8
Concen: 51.434 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

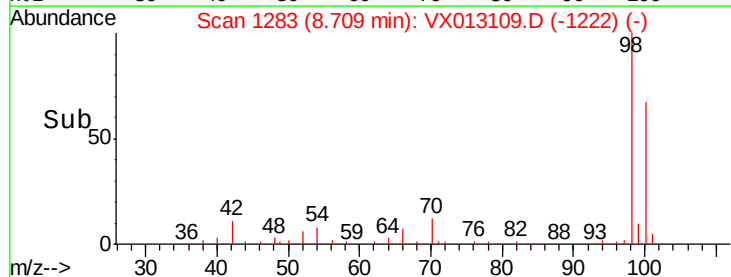
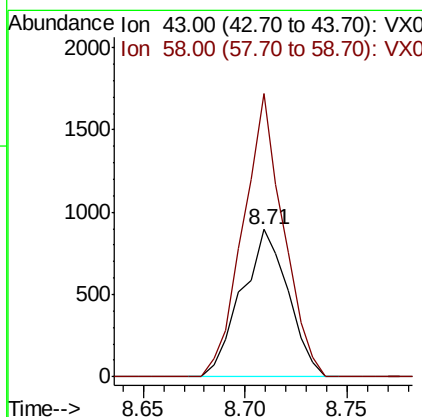
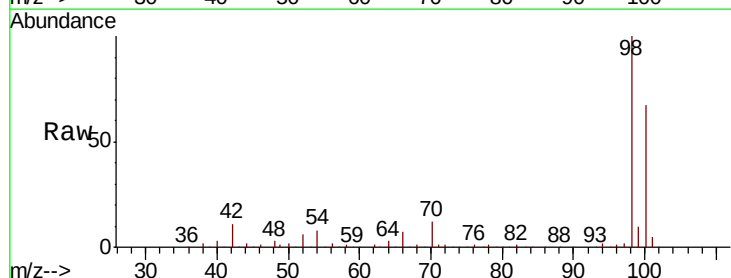
Instrument :
MSVOA_X
ClientSampleId :
MW-18

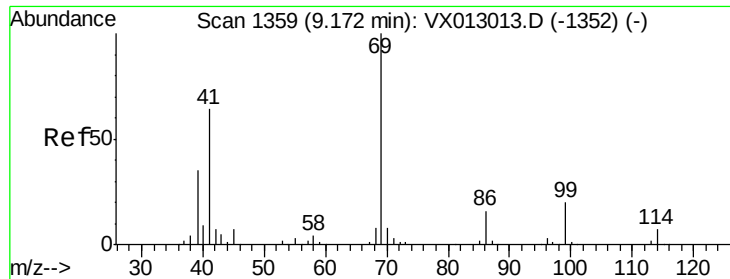
Tot Ion: 98 Resp: 314659
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 166.1 32.4 48.6#





#56

Ethyl methacrylate

Concen: 1.837 ug/l

RT: 9.15 min Scan# 1356

Delta R.T. -0.02 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampled :

MW-18

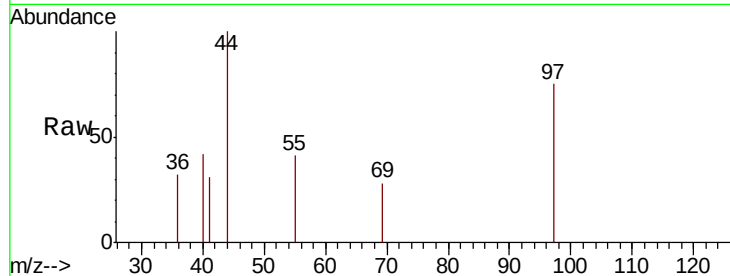
Tot Ion: 69.00 Resp: 20

Ion Ratio Lower Upper

69 100

41 365.0 52.1 78.1#

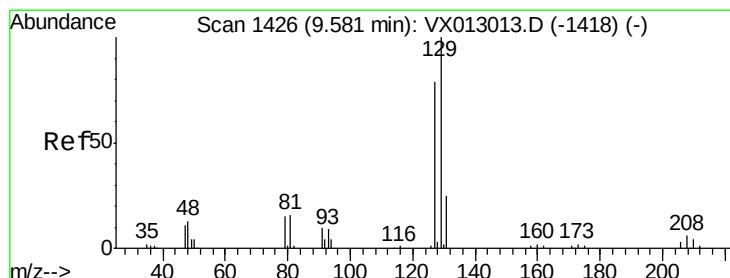
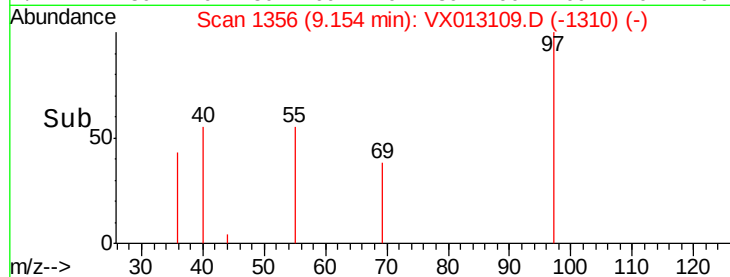
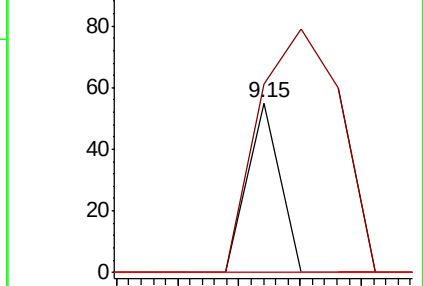
39 0.0 27.8 41.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 1.868 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX013109.D

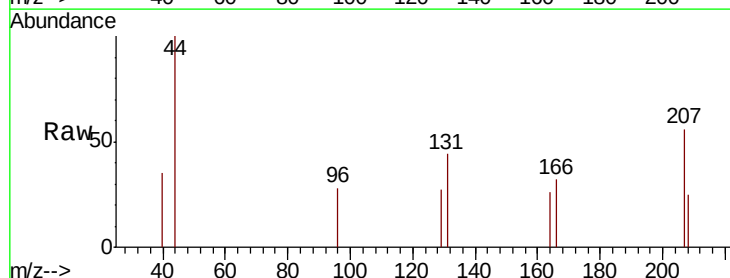
Acq: 17 Oct 2019 15:57

Tgt Ion: 129 Resp: 23

Ion Ratio Lower Upper

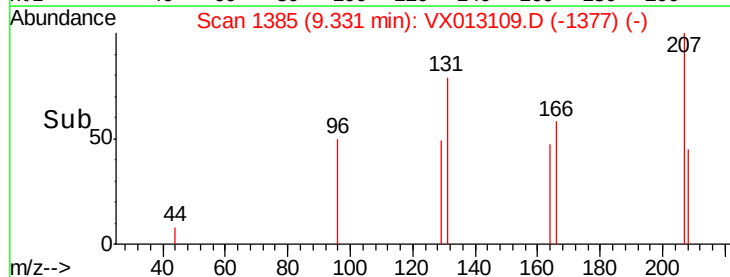
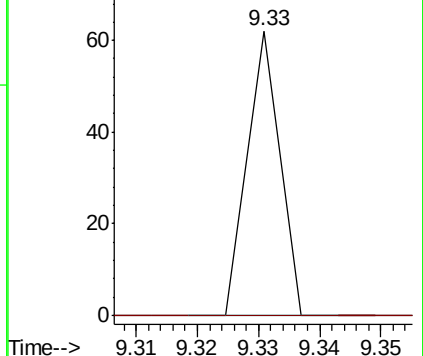
129 100

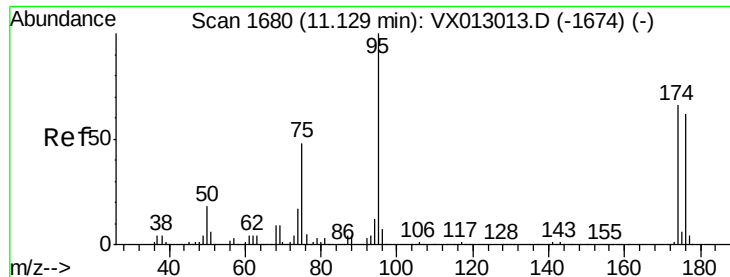
127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

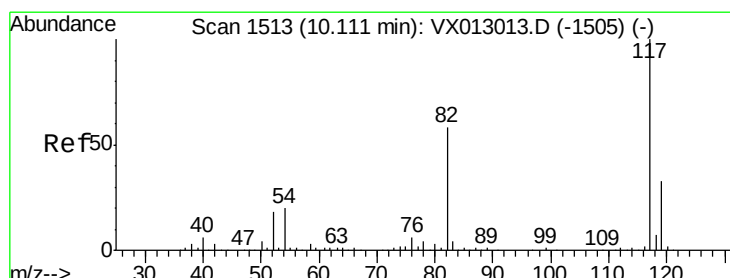
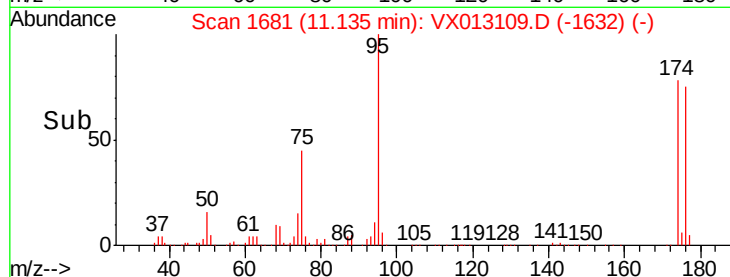
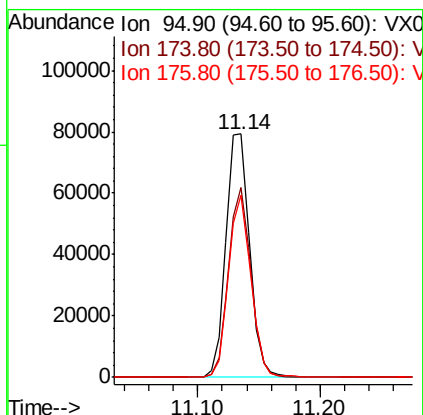
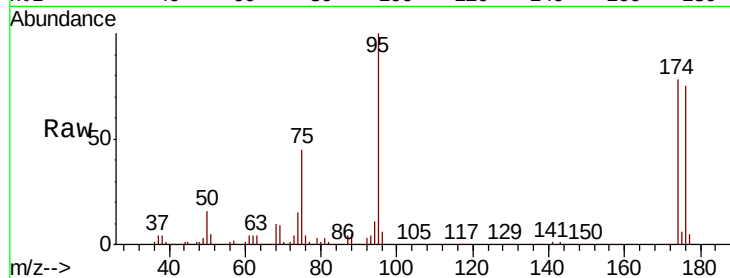




#62
4-Bromofluorobenzene
Concen: 44.576 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

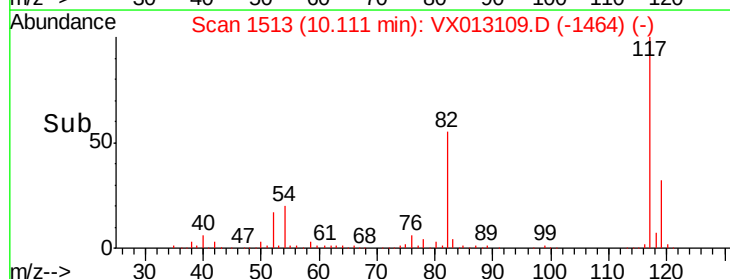
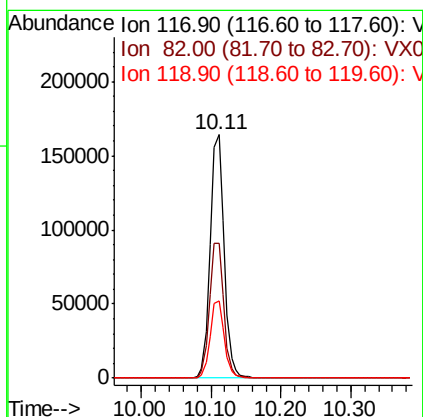
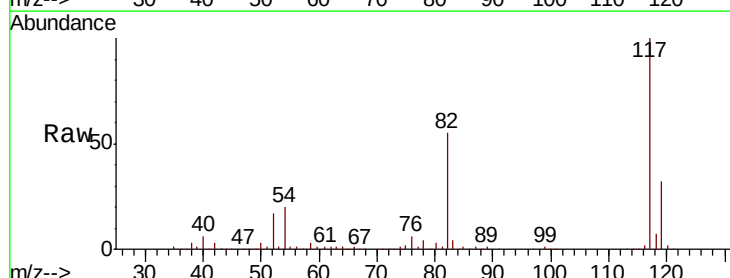
Instrument :
MSVOA_X
ClientSampled :
MW-18

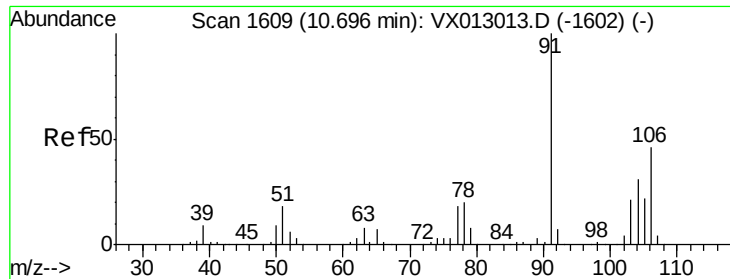
Tot Ion: 95 Resp: 105962
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.4
176 70.8 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion: 117 Resp: 228211
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 31.6 25.8 38.8

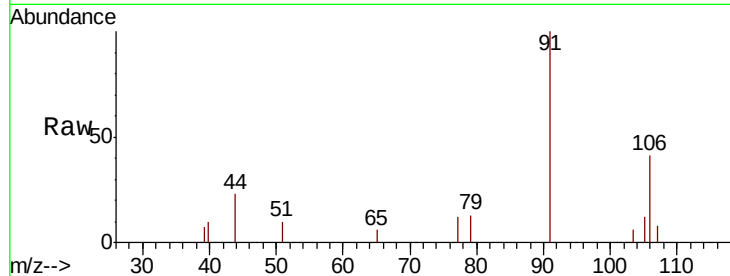




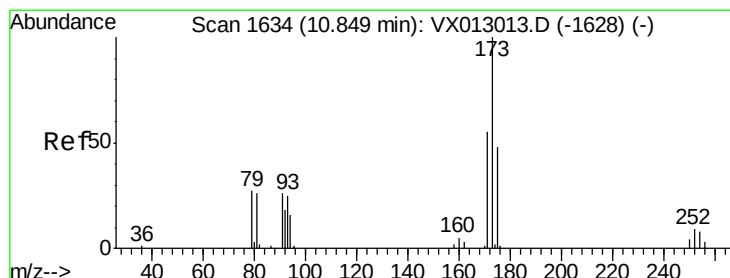
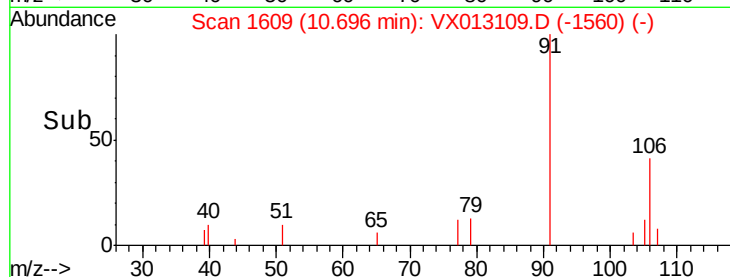
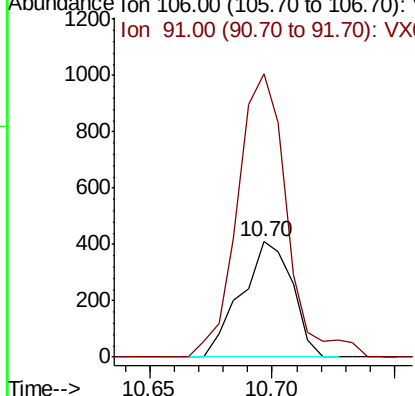
#69
o-Xylene
Concen: 0.204 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
MW-18

Tot Ion:106 Resp: 598
Ion Ratio Lower Upper
106 100
91 237.6 109.1 327.3

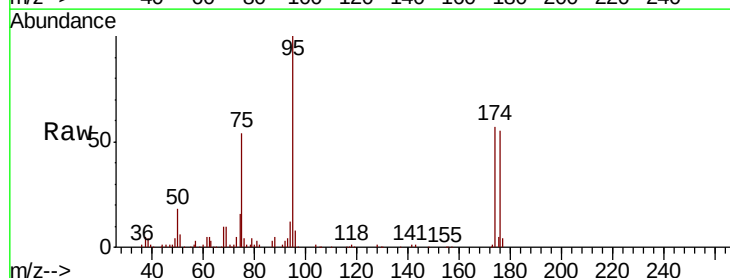


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

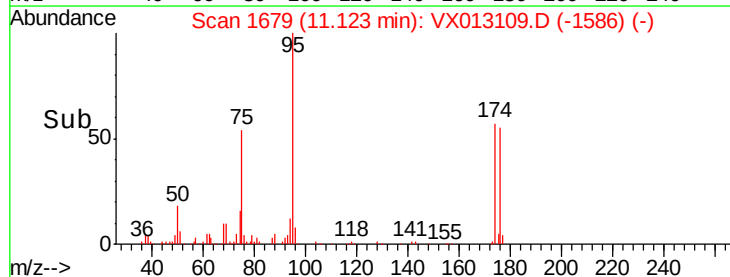
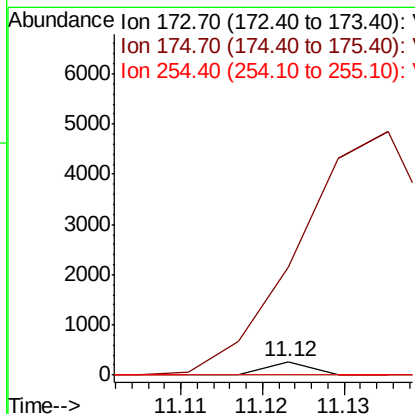


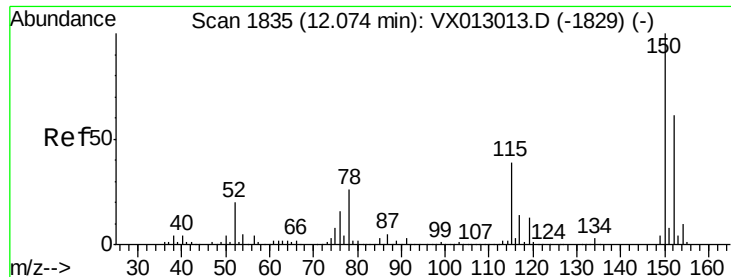
#71
Bromoform
Concen: 3.201 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.27 min
Lab File: VX013109.D
Acq: 17 Oct 2019 15:57

Tgt Ion:173 Resp: 97
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-18

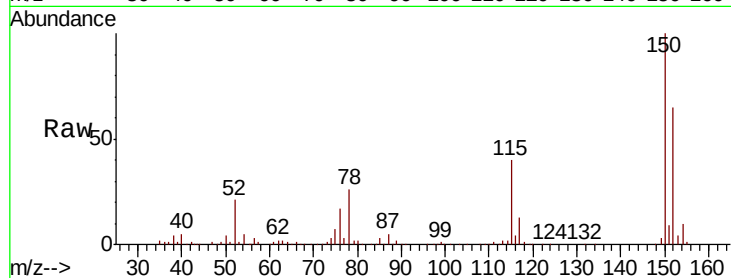
Tot Ion:152 Resp: 90669

Ion Ratio Lower Upper

152 100

115 63.7 44.5 133.5

150 153.9 0.0 353.4

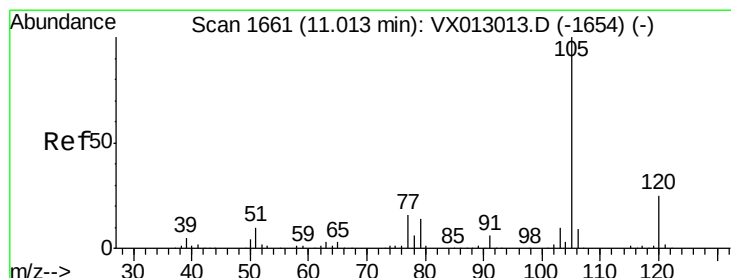
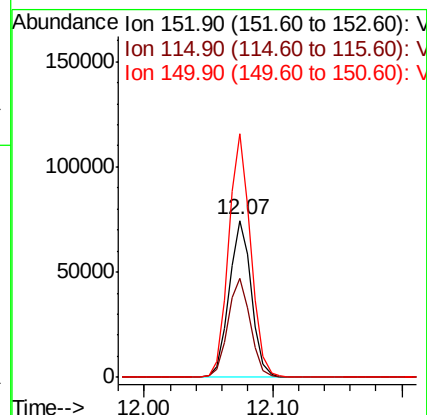
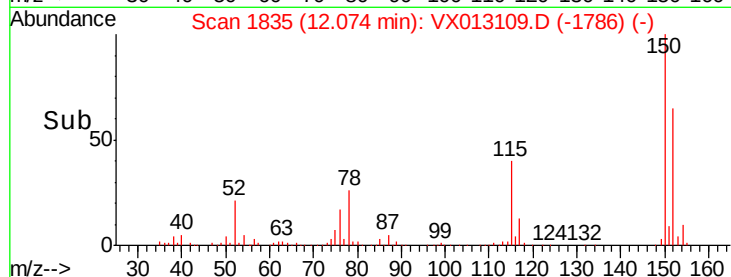


Abundance

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: 0.750 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013109.D

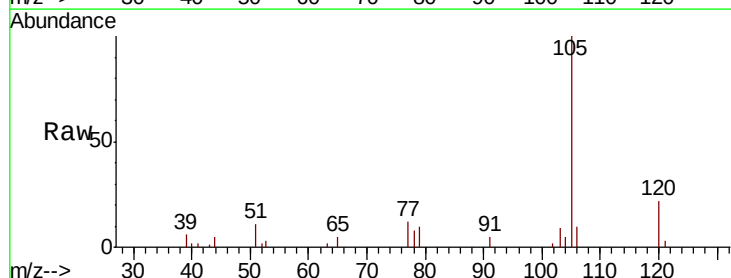
Acq: 17 Oct 2019 15:57

Tgt Ion:105 Resp: 5001

Ion Ratio Lower Upper

105 100

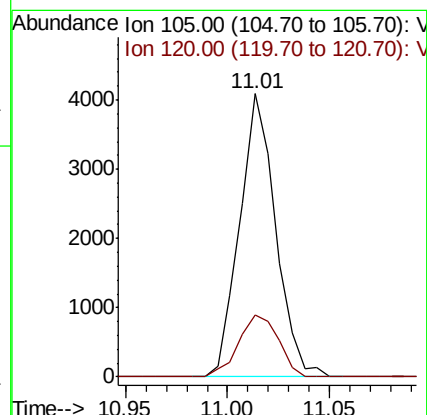
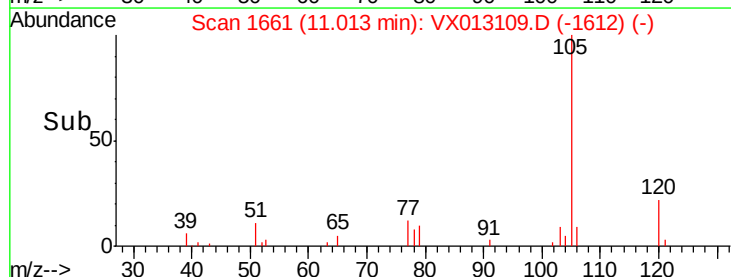
120 24.2 13.0 39.0

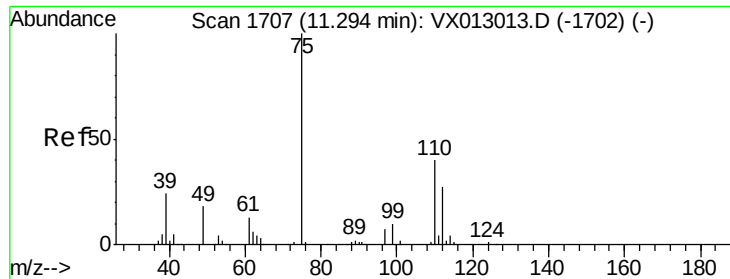


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 25.406 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

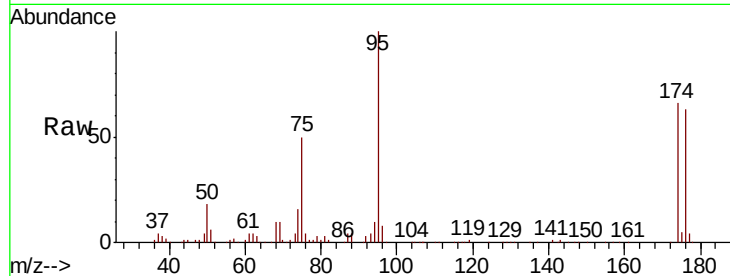
MW-18

Tot Ion: 75 Resp: 51093

Ion Ratio Lower Upper

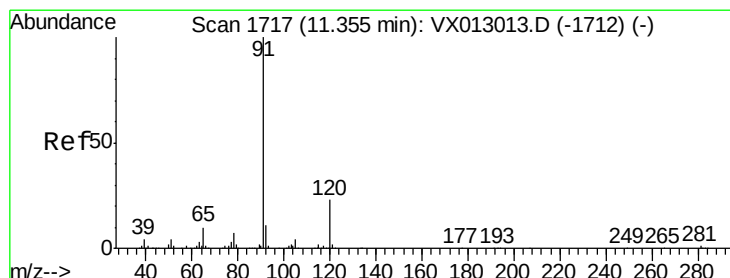
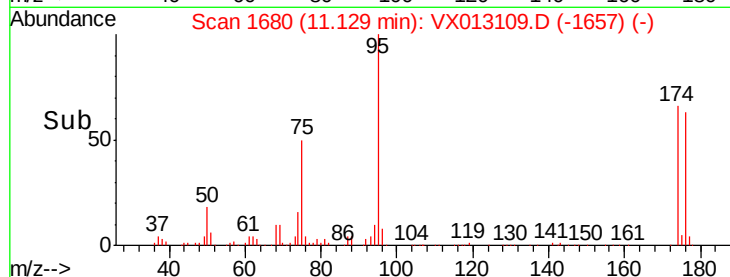
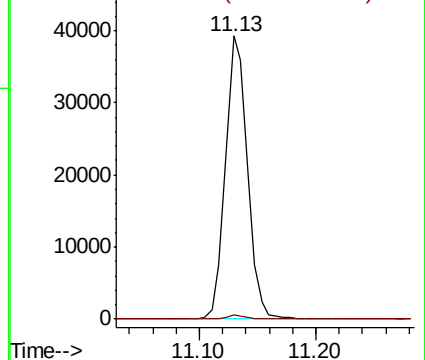
75 100

77 1.2 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.922 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013109.D

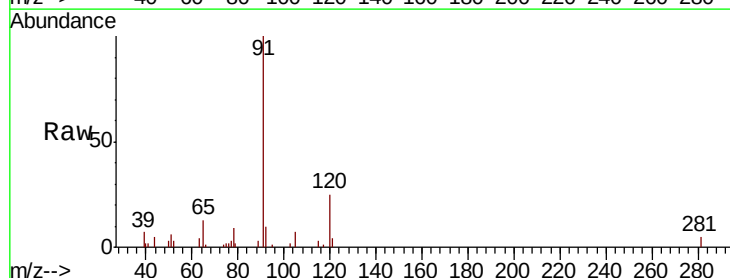
Acq: 17 Oct 2019 15:57

Tgt Ion: 91 Resp: 6760

Ion Ratio Lower Upper

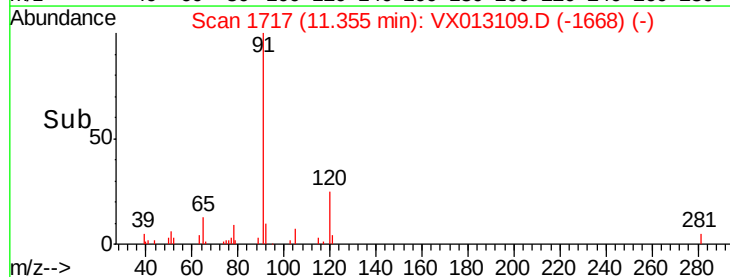
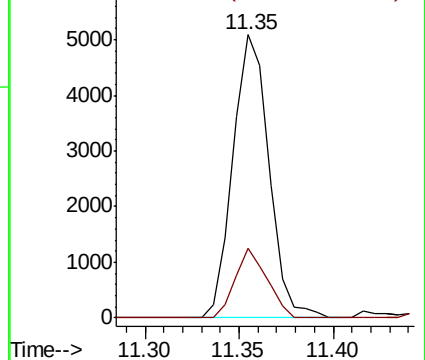
91 100

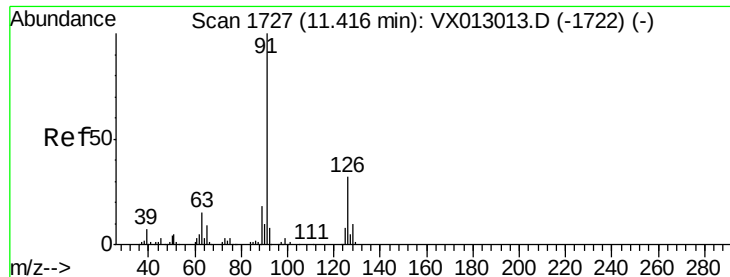
120 21.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.466 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

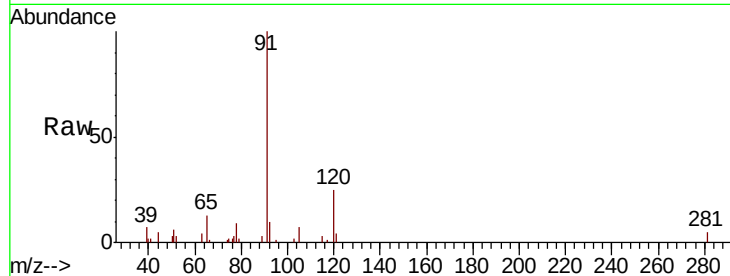
MW-18

Tot Ion: 91 Resp: 6760

Ion Ratio Lower Upper

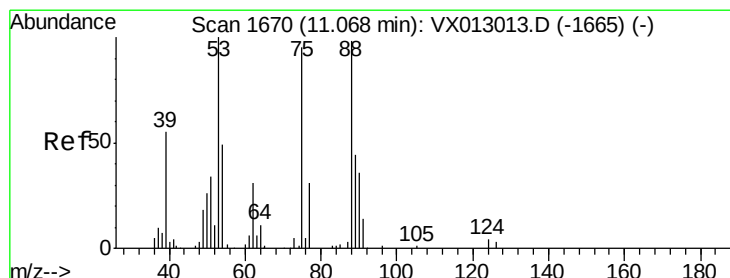
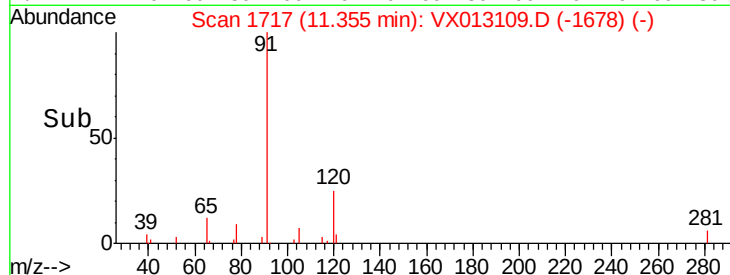
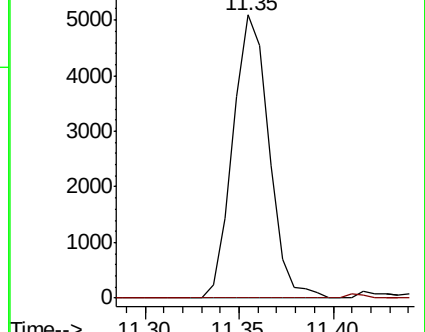
91 100

126 0.0 16.3 48.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.080 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

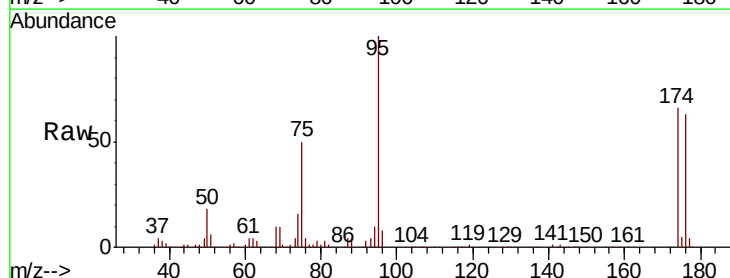
Tgt Ion: 75 Resp: 51093

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

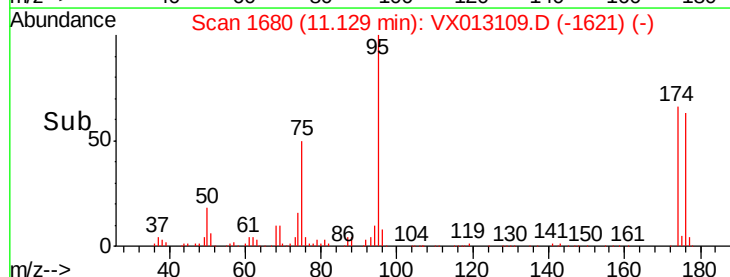
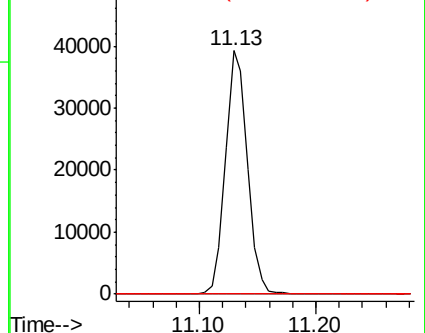
89 0.0 37.4 56.2#

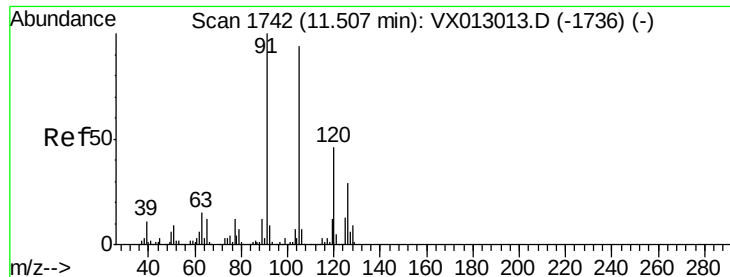


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 1.279 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

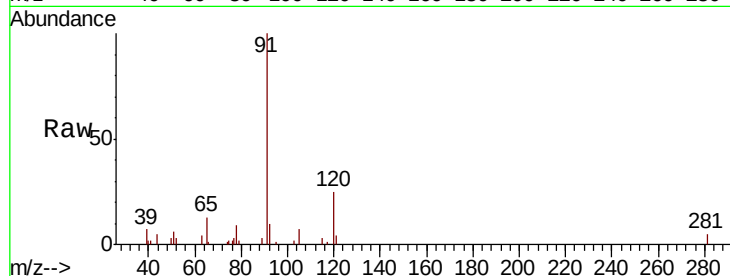
MW-18

Tot Ion: 91 Resp: 6760

Ion Ratio Lower Upper

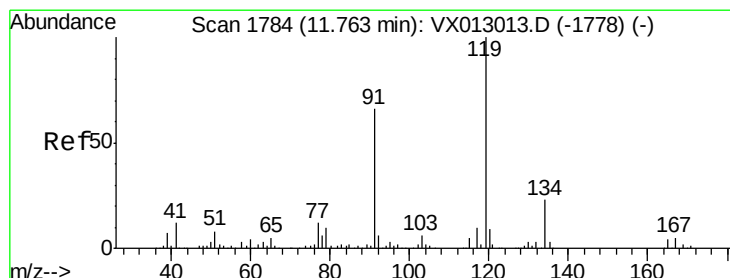
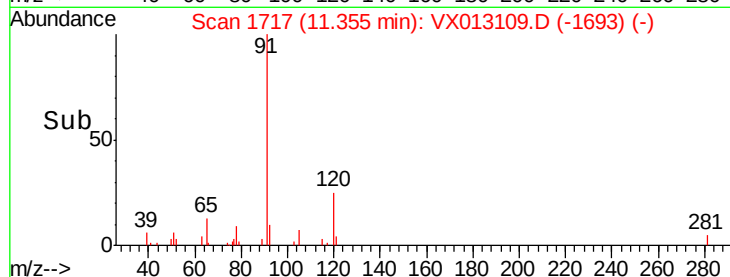
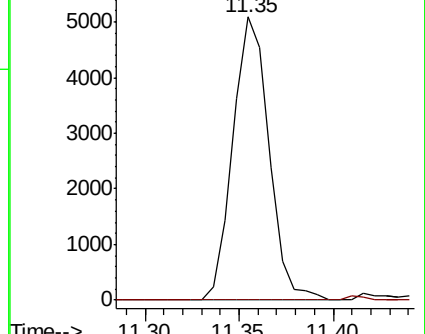
91 100

126 0.0 14.2 42.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 0.254 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

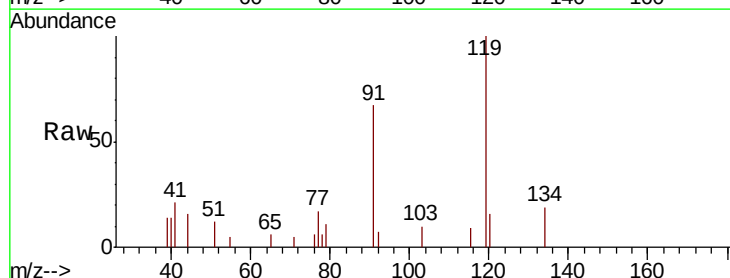
Tgt Ion: 119 Resp: 1377

Ion Ratio Lower Upper

119 100

91 75.8 29.3 87.9

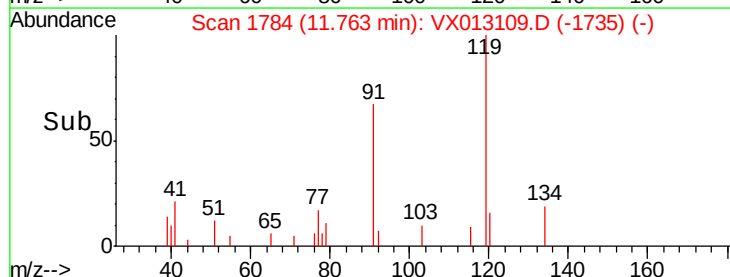
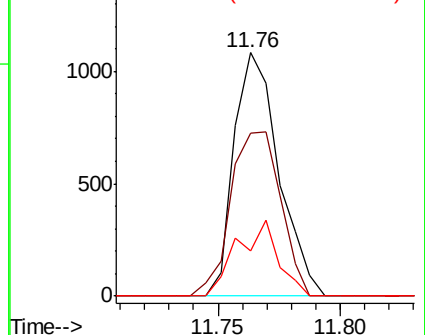
134 28.8 11.5 34.4

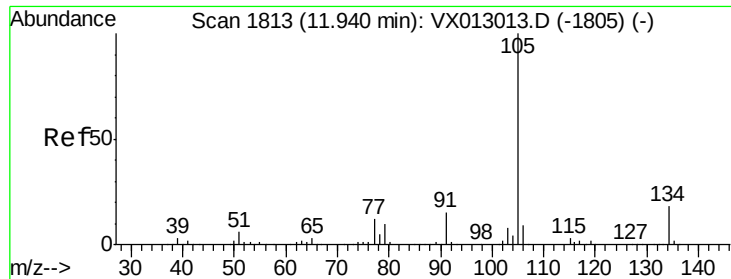


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 0.572 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

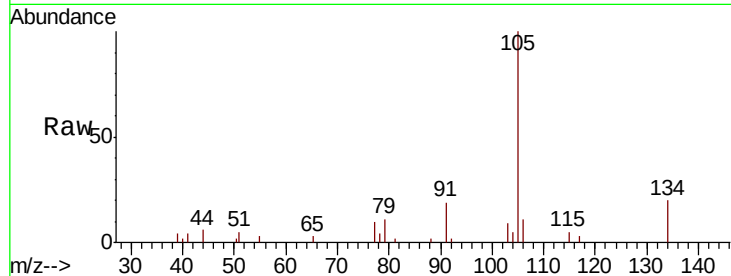
MW-18

Tot Ion:105 Resp: 3597

Ion Ratio Lower Upper

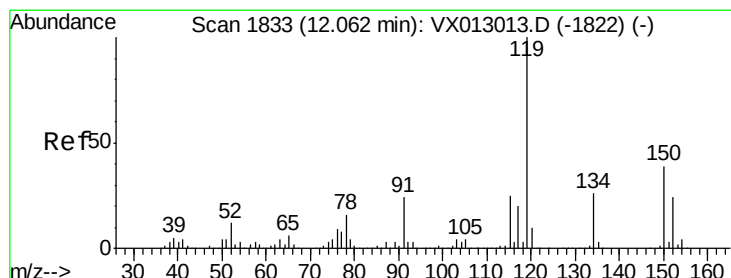
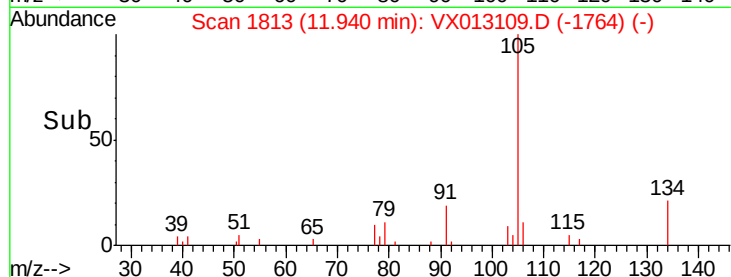
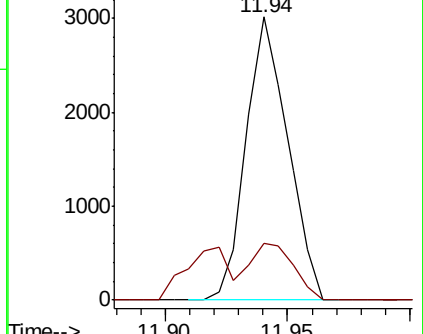
105 100

134 21.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.574 ug/l

RT: 12.23 min Scan# 1861

Delta R.T. 0.17 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

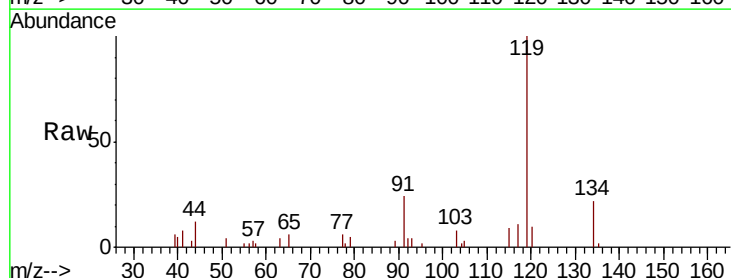
Tgt Ion:119 Resp: 3349

Ion Ratio Lower Upper

119 100

134 29.0 12.6 37.8

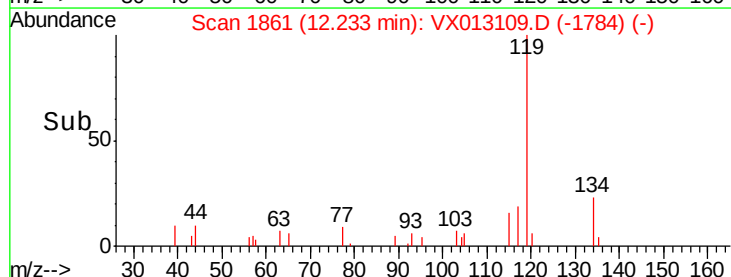
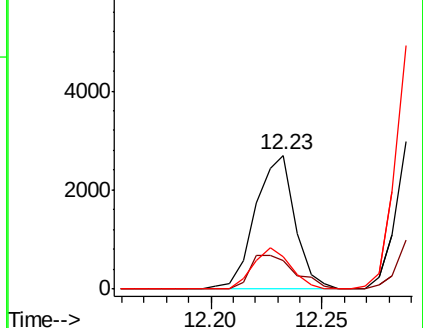
91 29.1 12.4 37.4

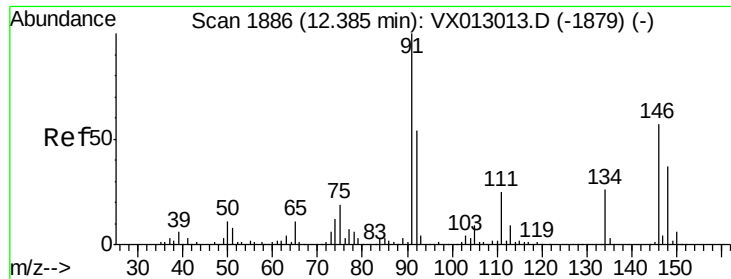


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 0.583 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampled :

MW-18

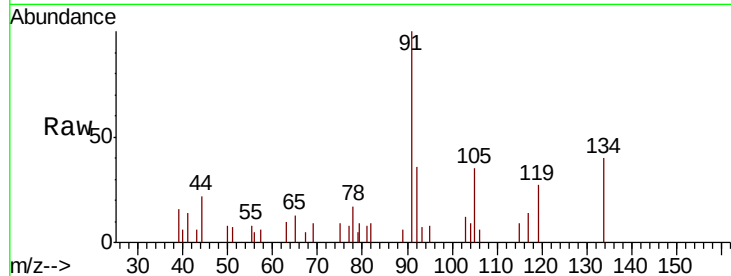
Tot Ion: 91 Resp: 2858

Ion Ratio Lower Upper

91 100

92 37.1 27.5 82.5

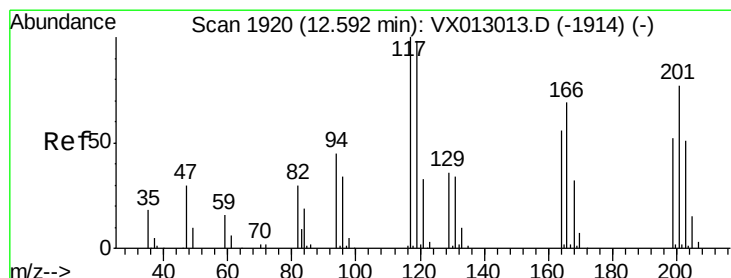
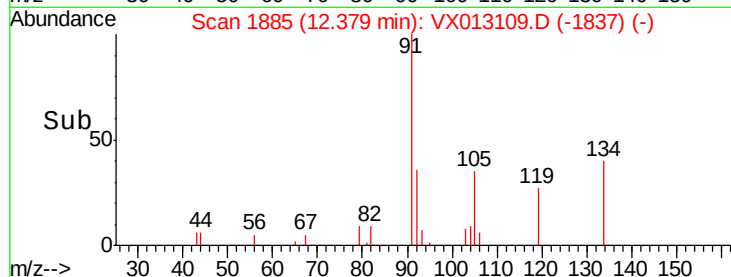
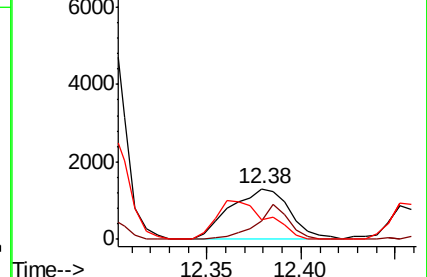
134 0.0 12.9 38.7#



Abundance Ion 91.00 (90.70 to 91.70): VX013013.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX013013.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX013013.D (-1879) (-)



#90

Hexachloroethane

Concen: 6.404 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX013109.D

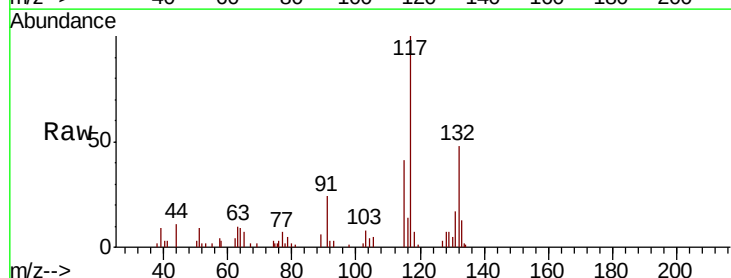
Acq: 17 Oct 2019 15:57

Tgt Ion: 117 Resp: 4836

Ion Ratio Lower Upper

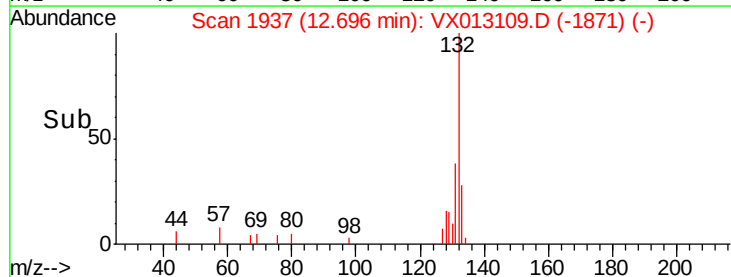
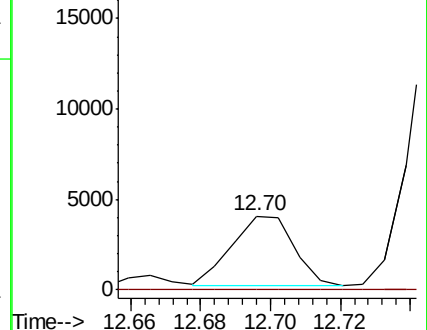
117 100

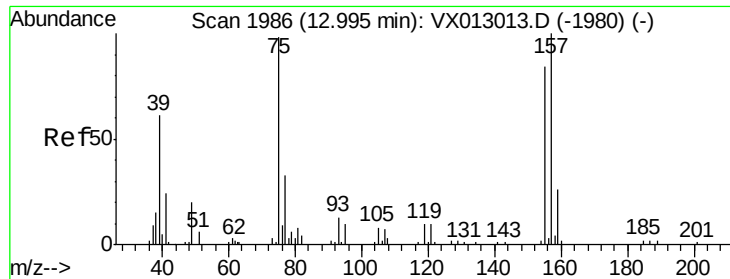
201 0.0 36.9 110.7#



Abundance Ion 116.80 (116.50 to 117.50): VX013013.D (-1914) (-)

Ion 200.70 (200.40 to 201.40): VX013013.D (-1914) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.529 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-18

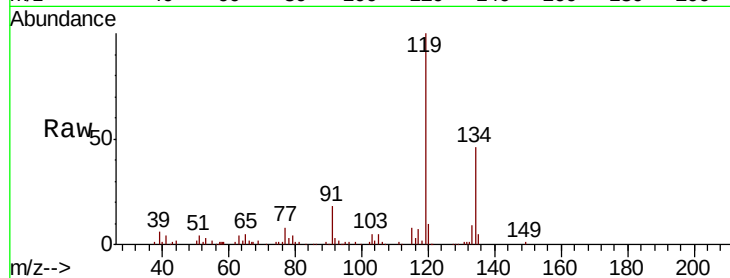
Tot Ion: 75 Resp: 275

Ion Ratio Lower Upper

75 100

155 0.0 43.0 128.8#

157 0.0 54.1 162.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

12.98

250

200

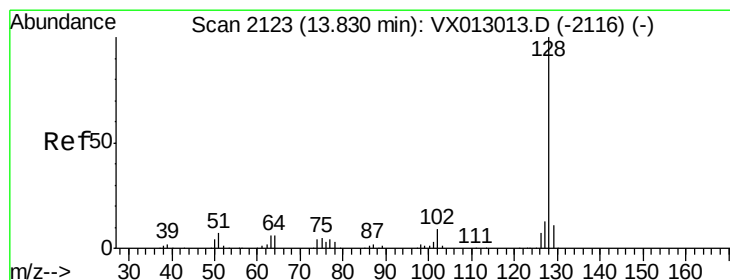
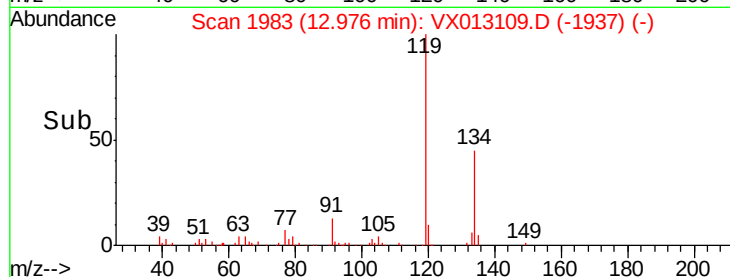
150

100

50

0

Time-->



#95

Naphthalene

Concen: 0.682 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013109.D

Acq: 17 Oct 2019 15:57

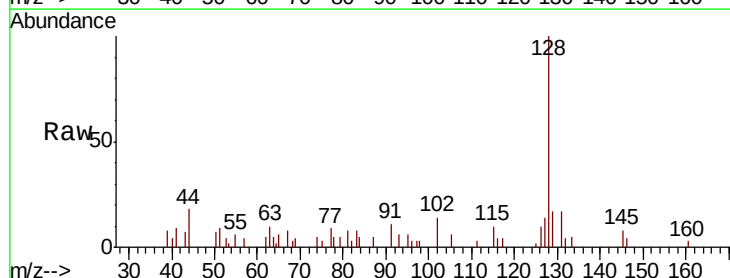
Tgt Ion: 128 Resp: 4237

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 3.3 8.8 13.2#



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

13.83

3000

2500

2000

1500

1000

500

0

Time-->

