

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013650.D
 Acq On : 27 Nov 2019 14:13
 Operator : JC/SP
 Sample : K6002-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Quant Time: Dec 02 04:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	625060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	989738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	905947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	466290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	356750	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.49	113	292085	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	8.71	98	1187376	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.14	95	431186	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

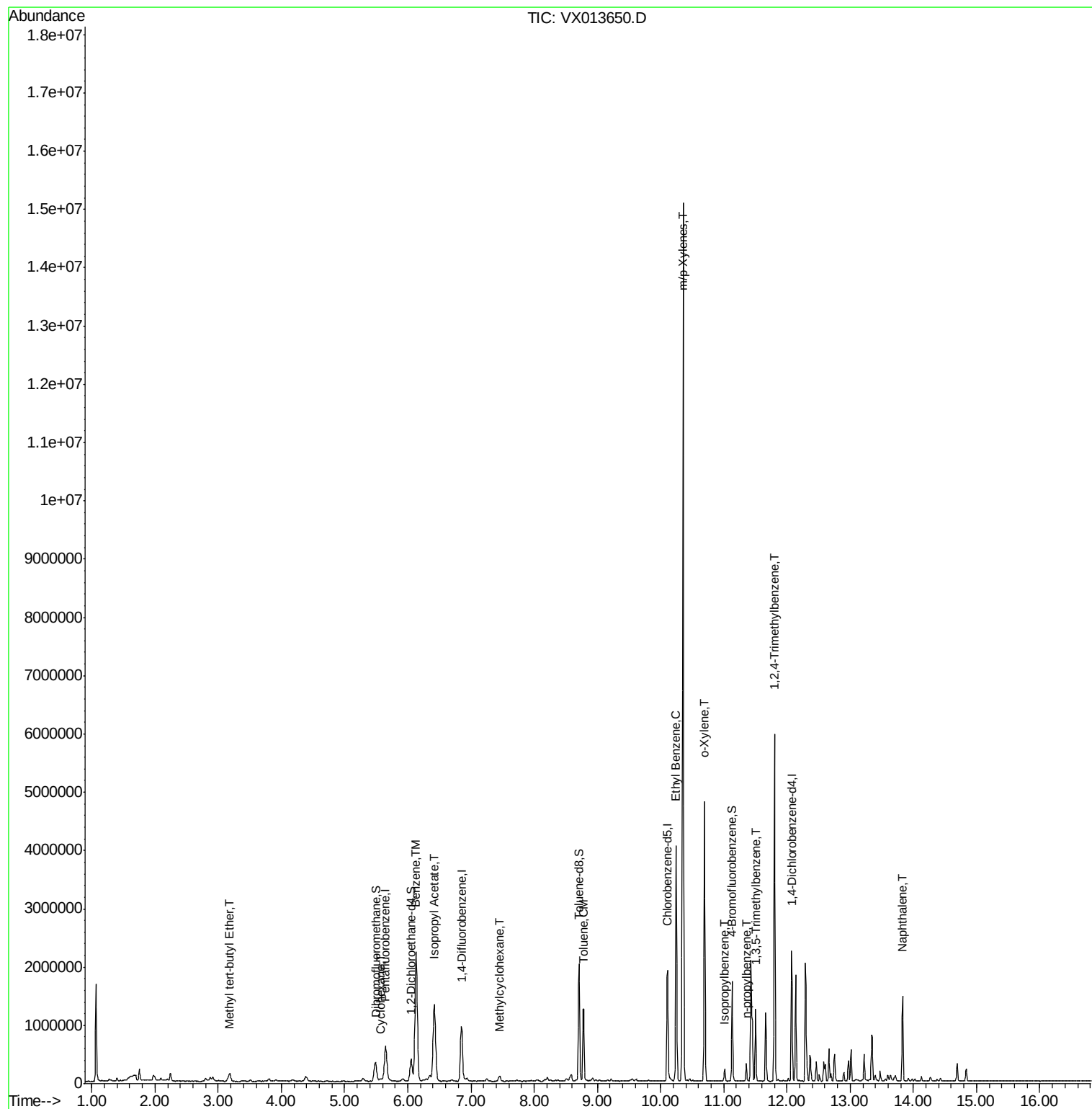
						Qvalue
19) Methyl tert-butyl Ether	3.19	73	141010	7.156	ug/l	92
31) Cyclohexane	5.57	56	30270	2.824	ug/l #	91
39) Methylcyclohexane	7.46	83	39512	3.558	ug/l	99
40) Benzene	6.13	78	2695519	98.508	ug/l	99
43) Isopropyl Acetate	6.42	43	488491	29.439	ug/l #	17
52) Toluene	8.78	92	494869	29.111	ug/l	99
67) Ethyl Benzene	10.25	91	2340632	72.417	ug/l	98
68) m/p-Xylenes	10.35	106	3515971	284.129	ug/l	97
69) o-Xylene	10.70	106	1034782	85.740	ug/l	98
73) Isopropylbenzene	11.01	105	109053	3.334	ug/l	98
78) n-propylbenzene	11.35	91	190082	5.206	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	531649	19.832	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	2615584	96.136	ug/l	99
95) Naphthalene	13.83	128	879131	27.833	ug/l	99

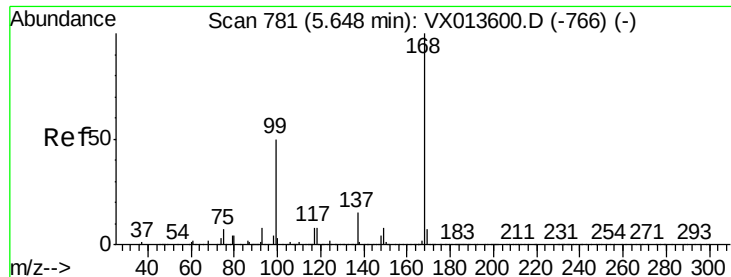
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampled :

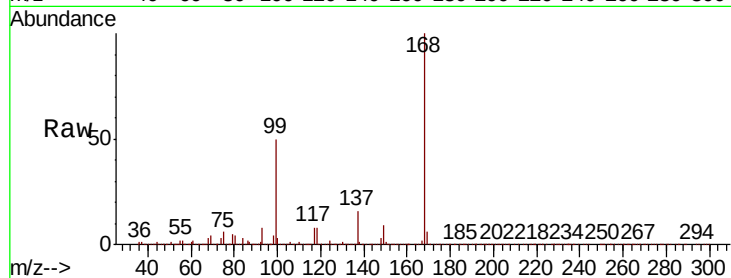
MW-6DL

Tot Ion:168 Resp: 625060

Ion Ratio Lower Upper

168 100

99 49.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

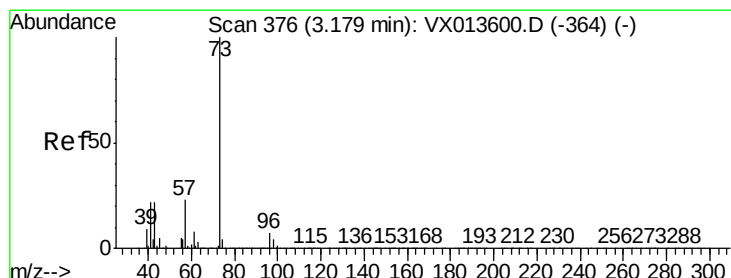
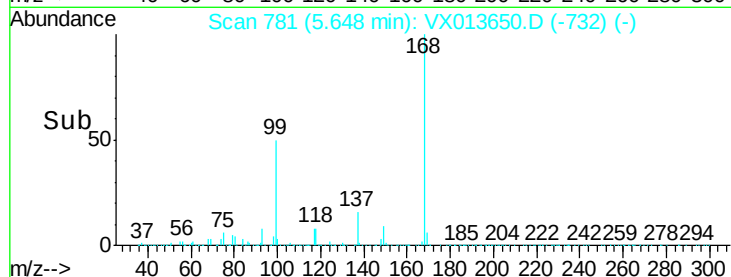
150000

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 7.156 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.01 min

Lab File: VX013650.D

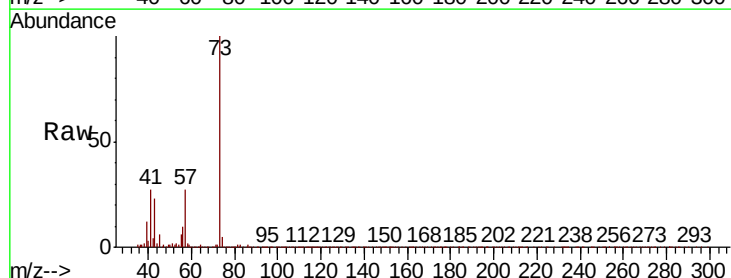
Acq: 27 Nov 2019 14:13

Tgt Ion: 73 Resp: 141010

Ion Ratio Lower Upper

73 100

57 26.6 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

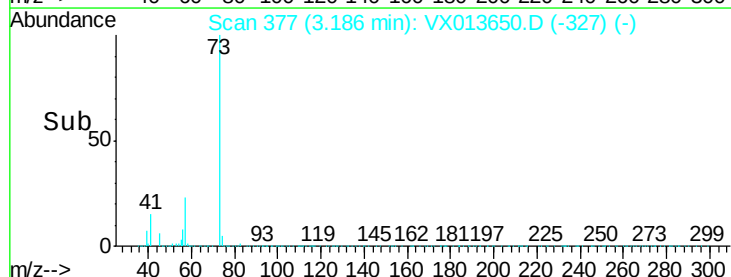
60000

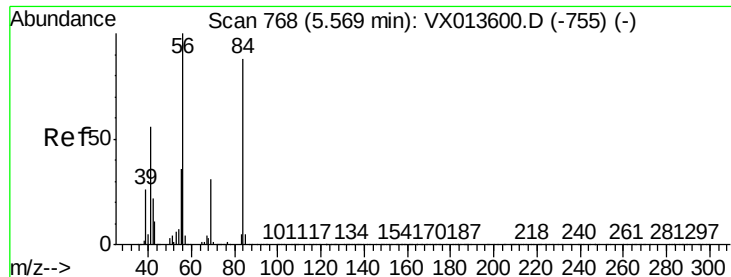
40000

20000

0

Time-->

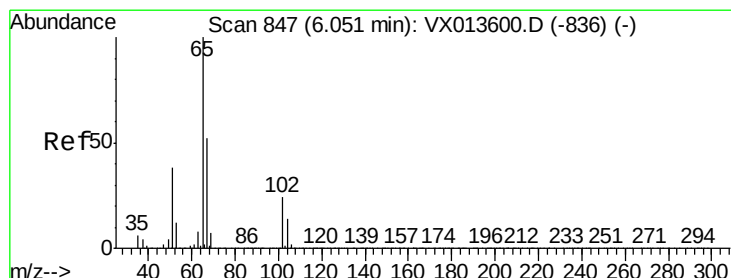
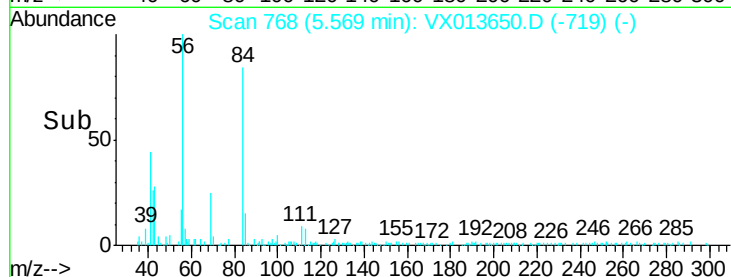
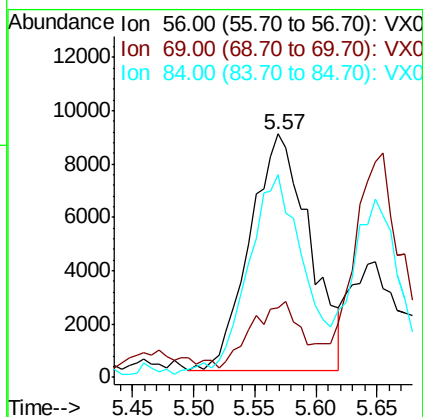
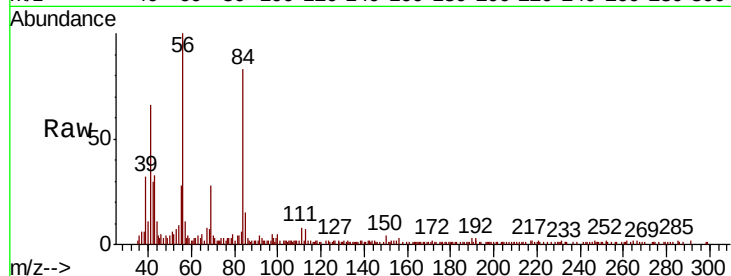




#31
Cyclohexane
Concen: 2.824 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

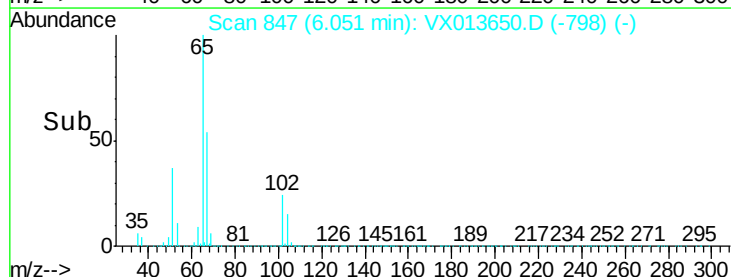
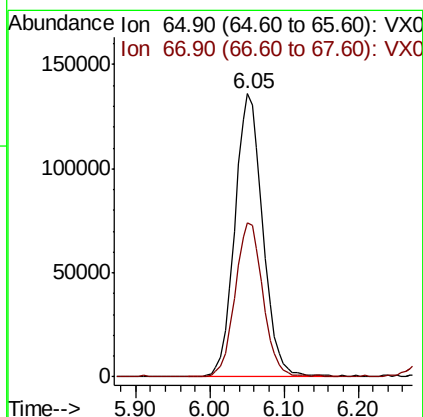
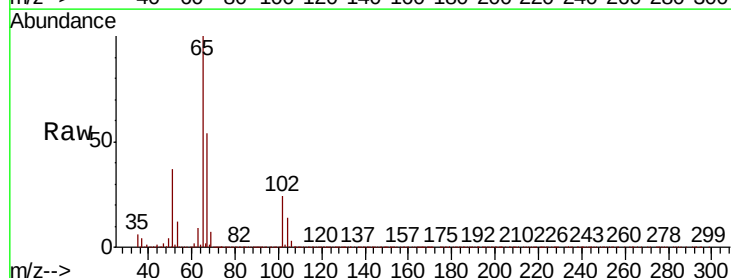
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

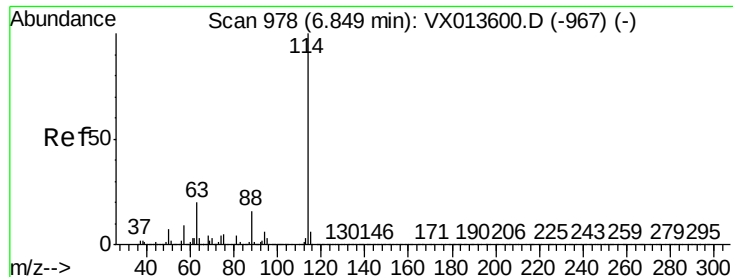
Tot Ion: 56 Resp: 30270
Ion Ratio Lower Upper
56 100
69 20.8 24.6 36.8#
84 82.4 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 49.169 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

Tgt Ion: 65 Resp: 356750
Ion Ratio Lower Upper
65 100
67 54.2 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: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

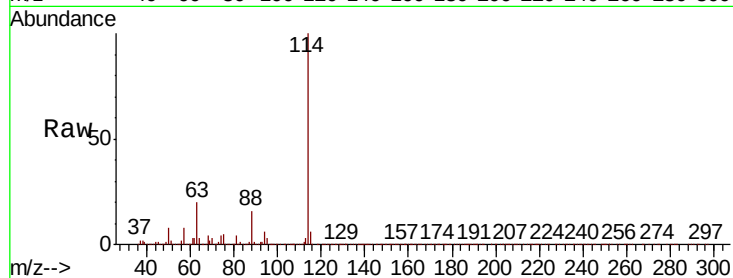
Tot Ion:114 Resp: 989738

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

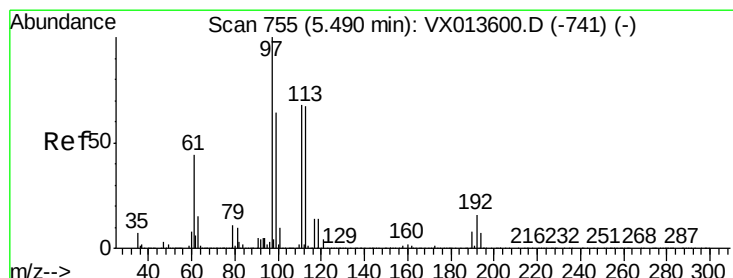
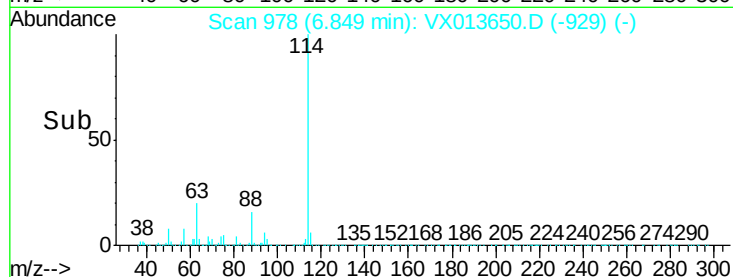
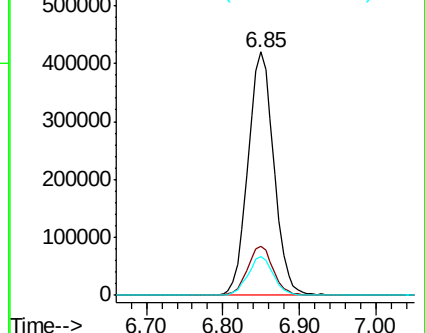
88 15.7 0.0 31.4



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: 47.737 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

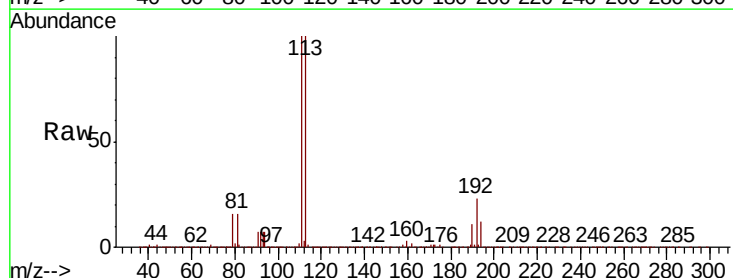
Tgt Ion:113 Resp: 292085

Ion Ratio Lower Upper

113 100

111 101.2 83.6 125.4

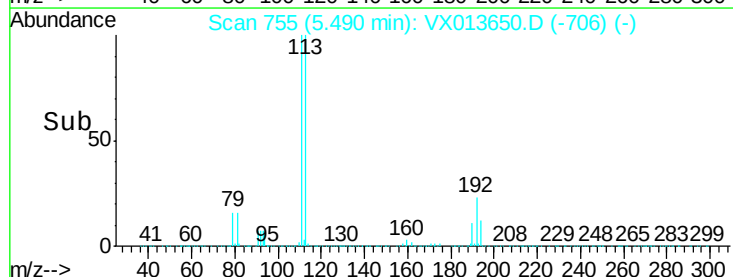
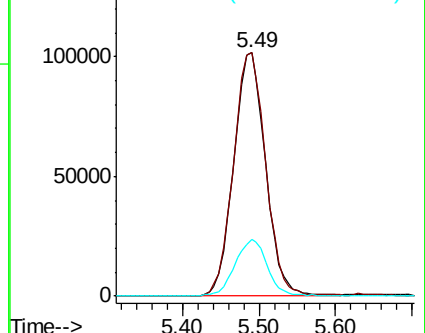
192 23.9 19.2 28.8

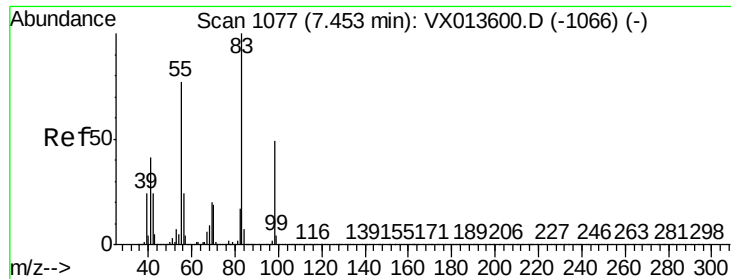


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

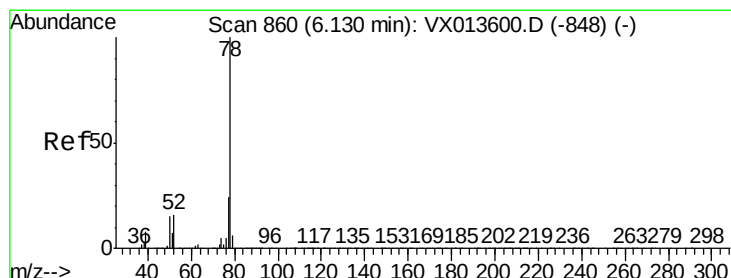
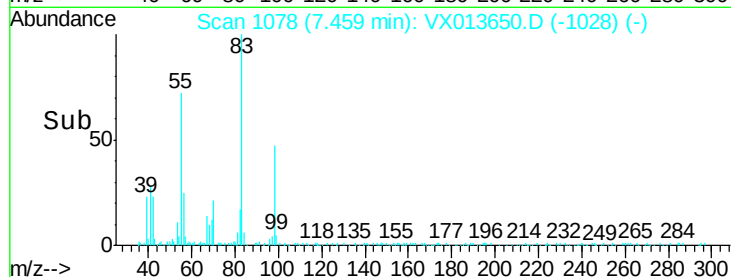
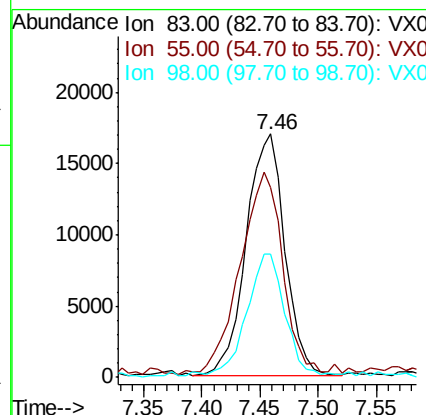
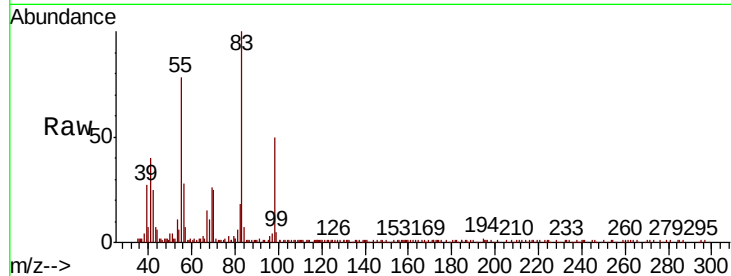




#39
Methylvlcyclohexane
Concen: 3.558 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

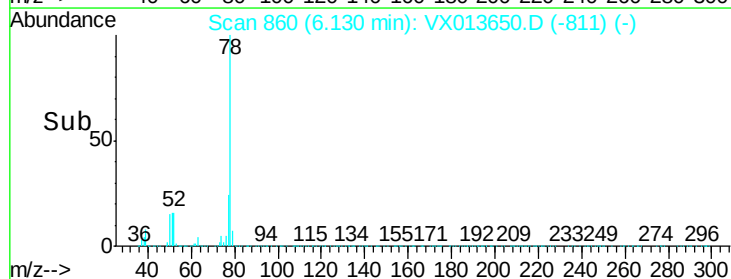
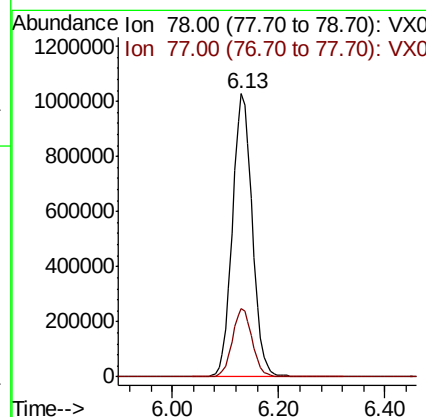
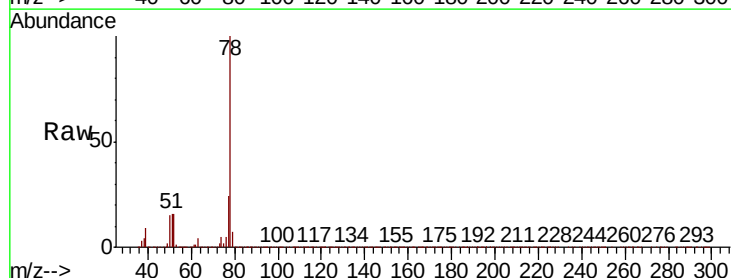
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

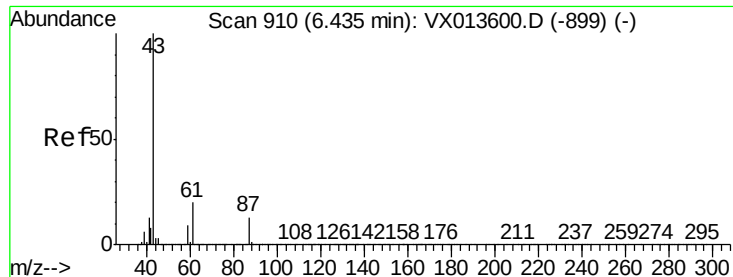
Tot Ion	83.00	Resp	39512
Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.9	92.9
98	49.4	39.4	59.0



#40
Benzene
Concen: 98.508 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

Tgt Ion	78.00	Resp	2695519
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#43

Isopropyl Acetate

Concen: 29.439 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

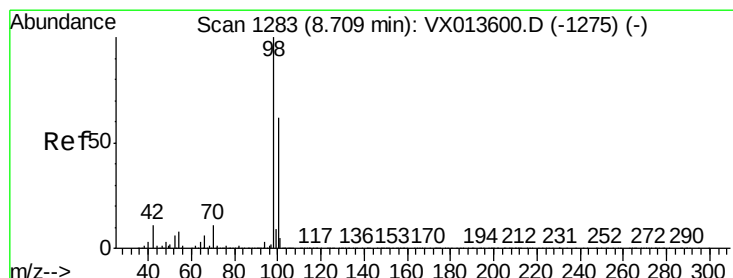
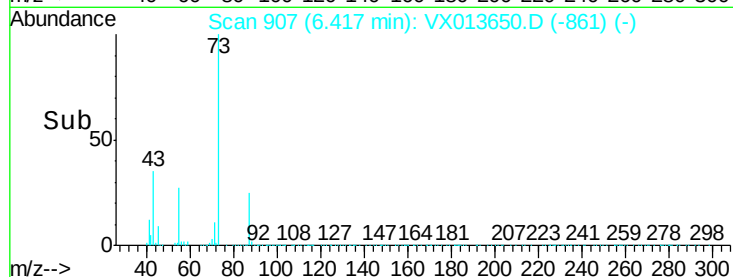
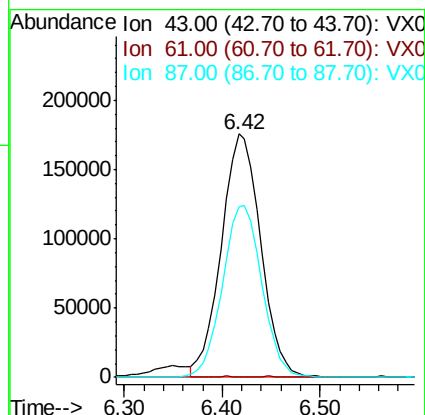
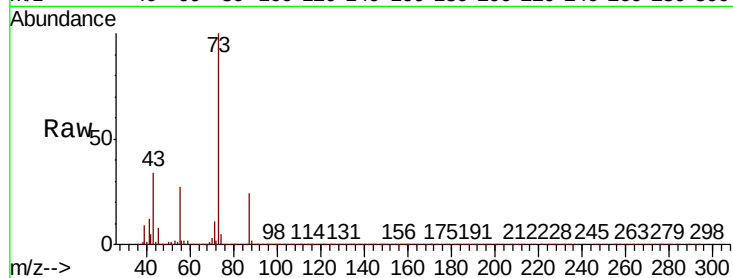
Tot Ion: 43 Resp: 488491

Ion Ratio Lower Upper

43 100

61 0.0 16.3 24.5#

87 70.6 10.8 16.2#



#50

Toluene-d8

Concen: 49.808 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013650.D

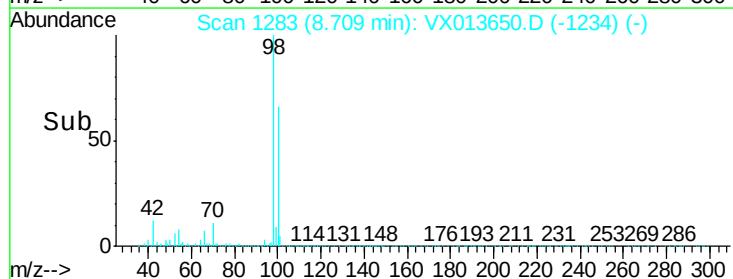
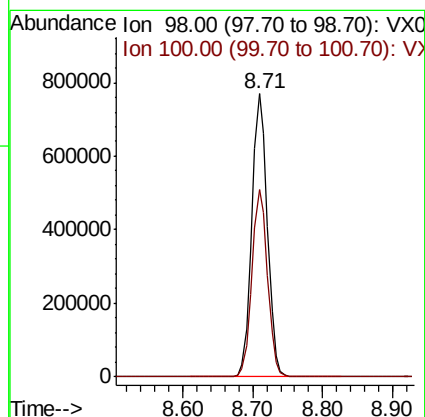
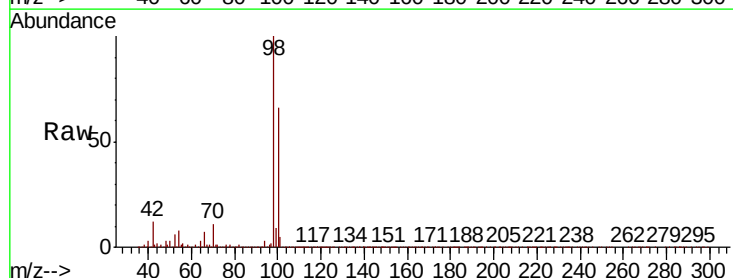
Acq: 27 Nov 2019 14:13

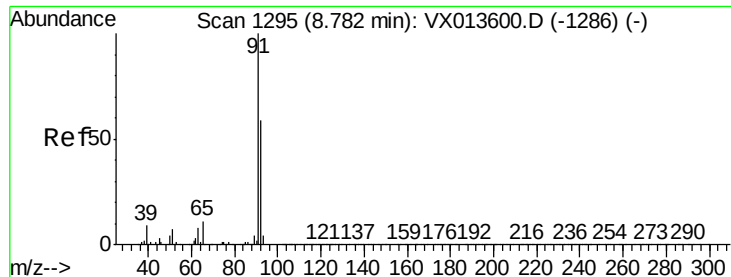
Tgt Ion: 98 Resp: 1187376

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7





#52

Toluene

Concen: 29.111 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

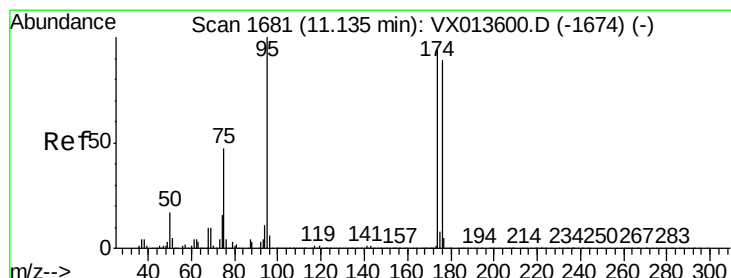
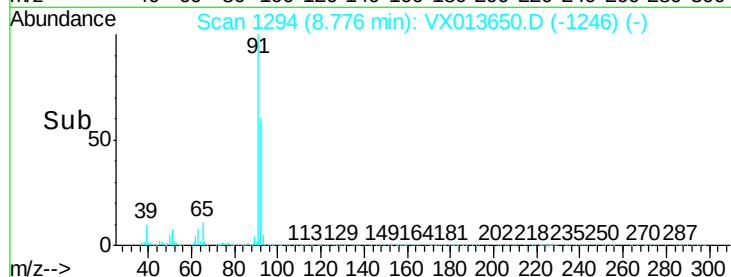
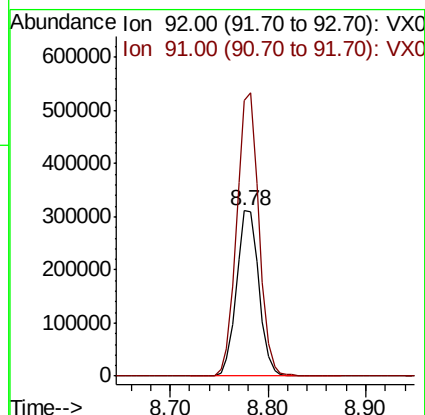
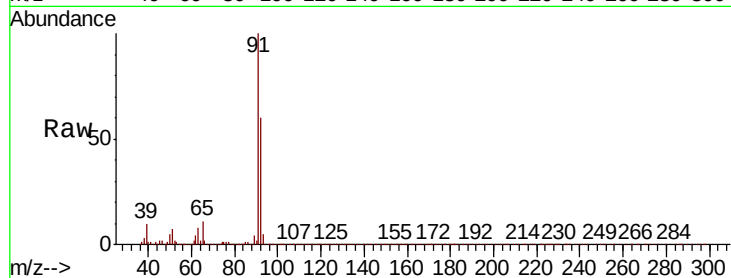
MW-6DL

Tot Ion: 92 Resp: 494869

Ion Ratio Lower Upper

92 100

91 168.8 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 50.159 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

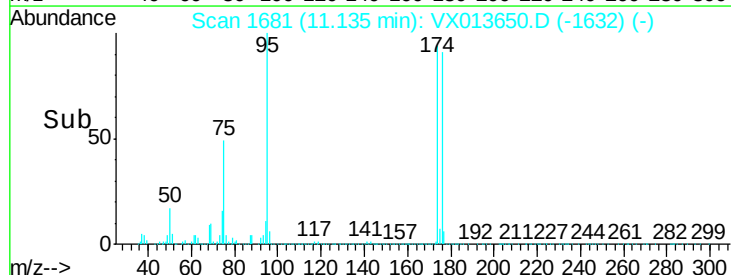
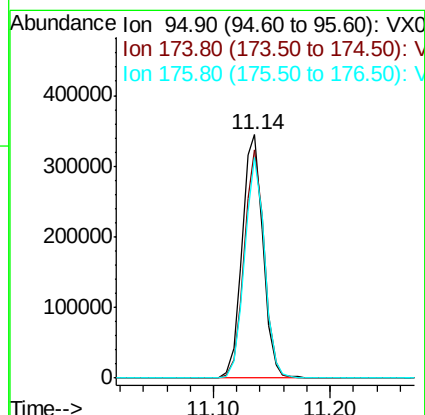
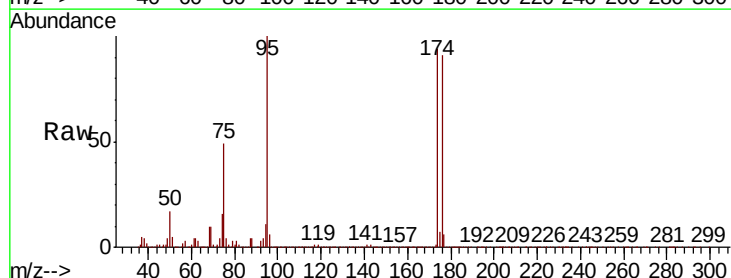
Tgt Ion: 95 Resp: 431186

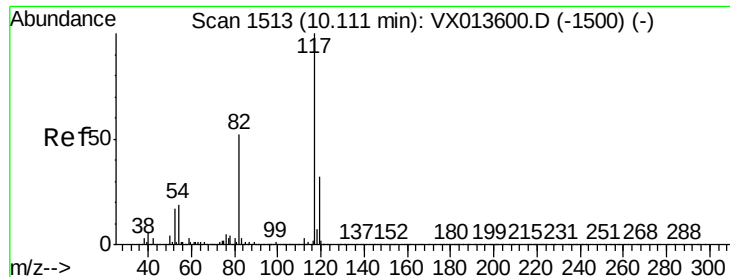
Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 87.2 0.0 173.6

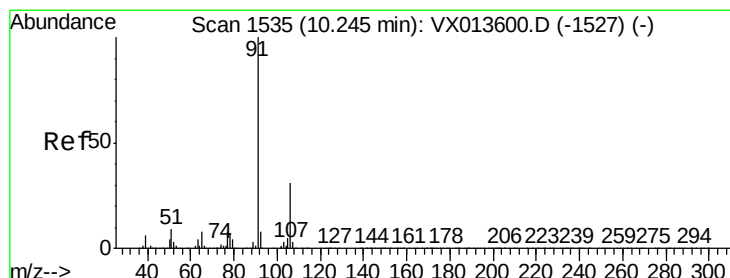
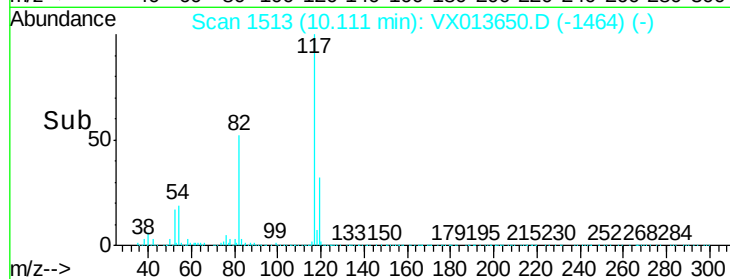
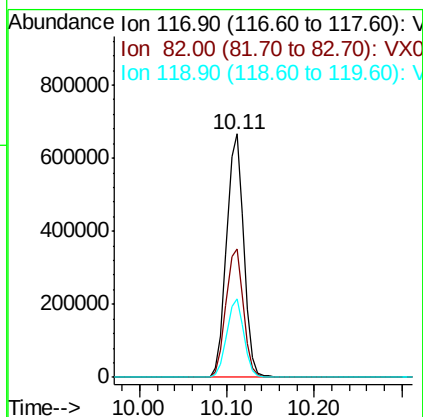
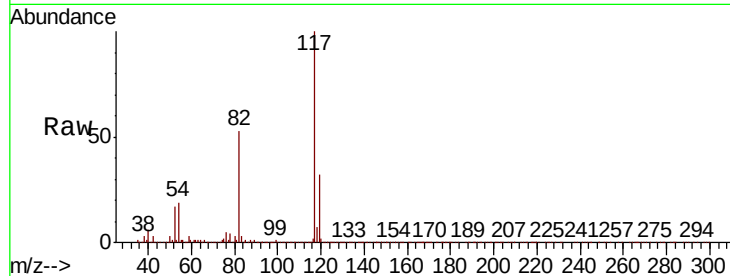




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

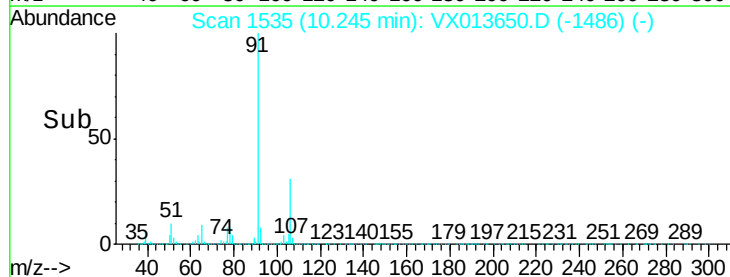
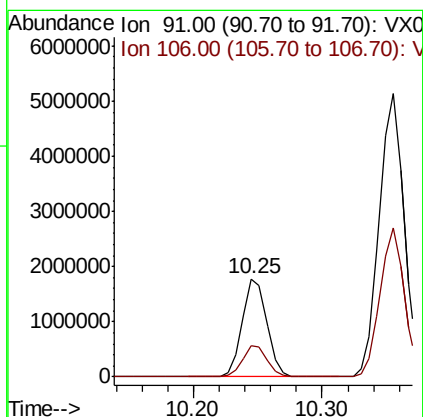
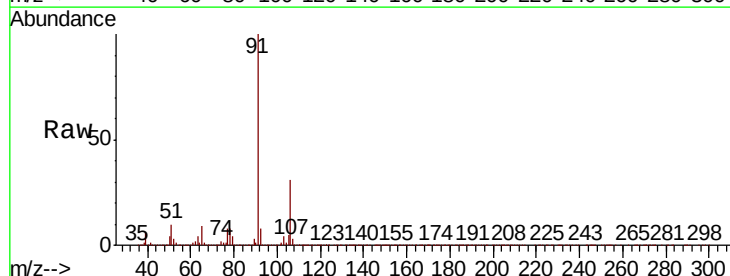
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

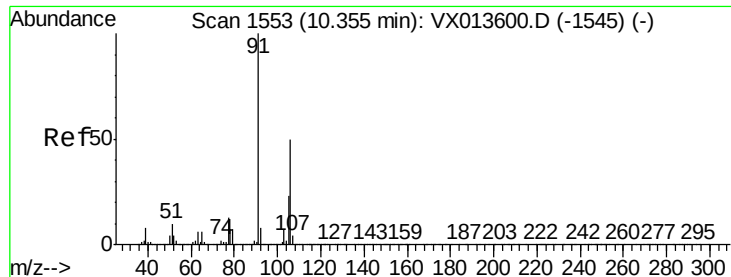
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.2	25.8	38.8



#67
Ethyl Benzene
Concen: 72.417 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.5	36.7





#68

m/p-Xylenes

Concen: 284.129 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampled :

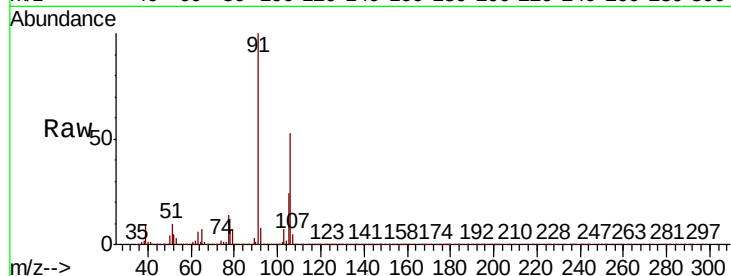
MW-6DL

Tot Ion:106 Resp: 3515971

Ion Ratio Lower Upper

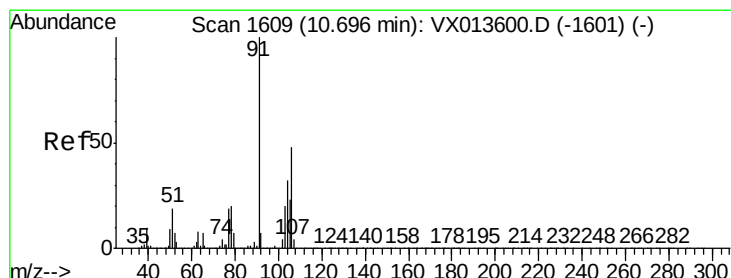
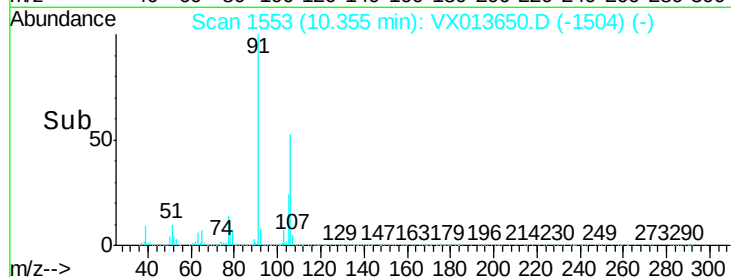
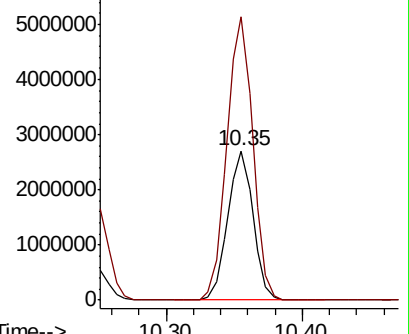
106 100

91 194.2 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

6000000 Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 85.740 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013650.D

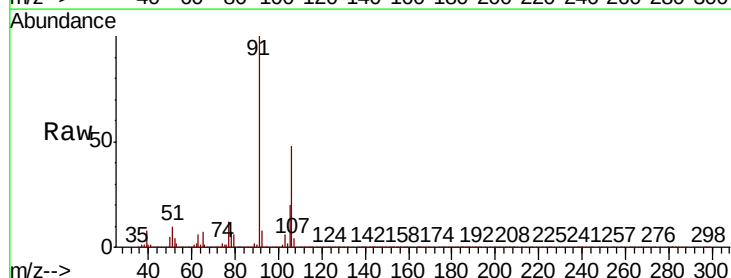
Acq: 27 Nov 2019 14:13

Tgt Ion:106 Resp: 1034782

Ion Ratio Lower Upper

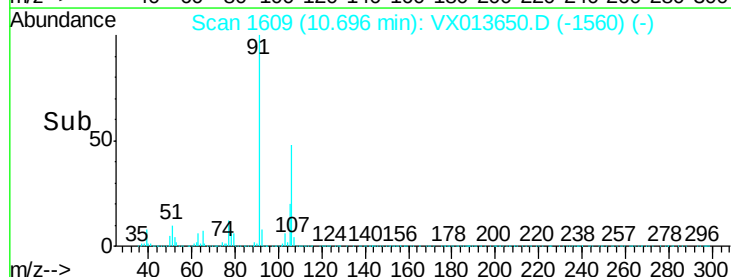
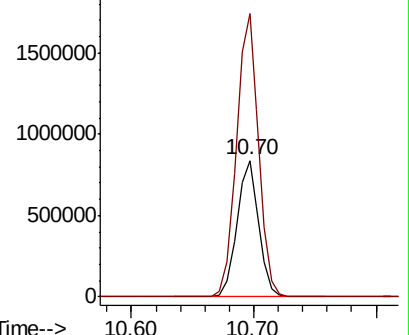
106 100

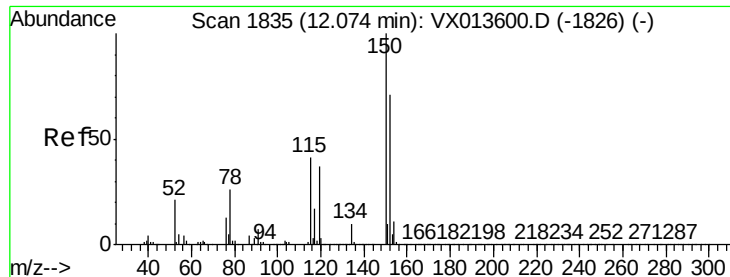
91 211.0 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

2000000 Ion 91.00 (90.70 to 91.70): VX0

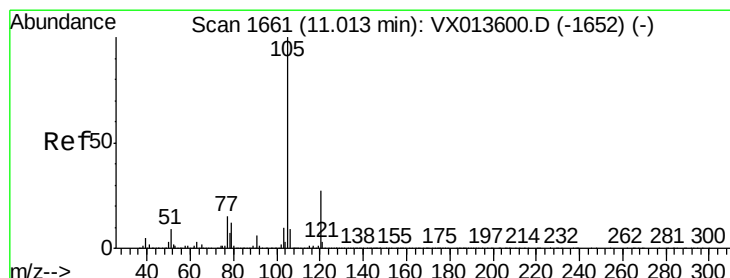
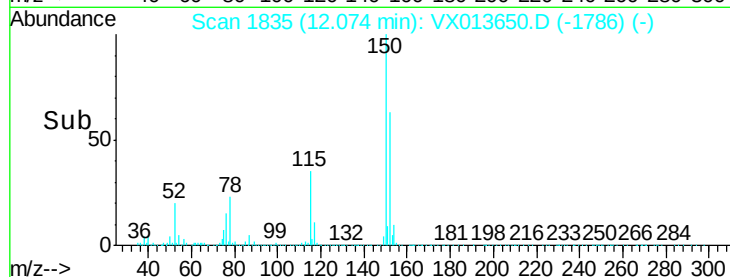
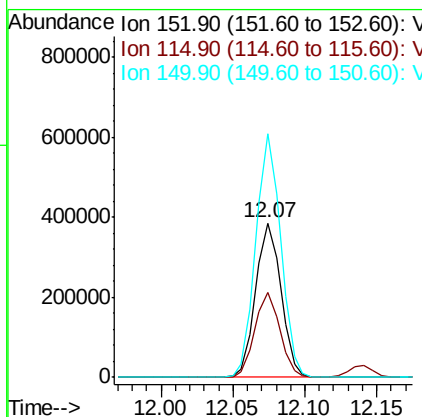
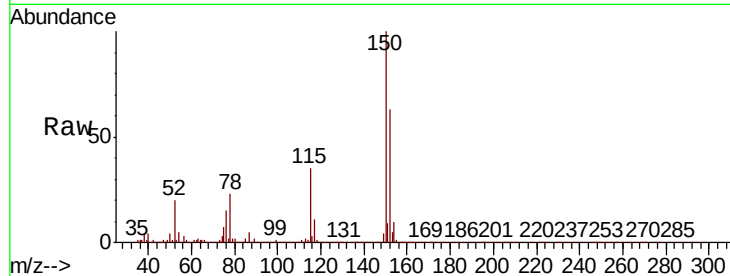




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

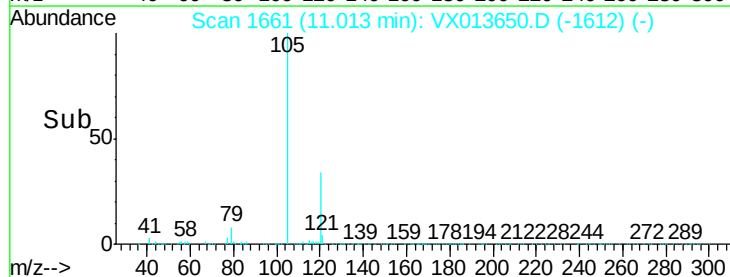
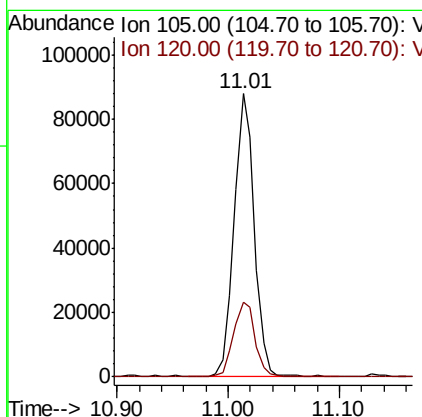
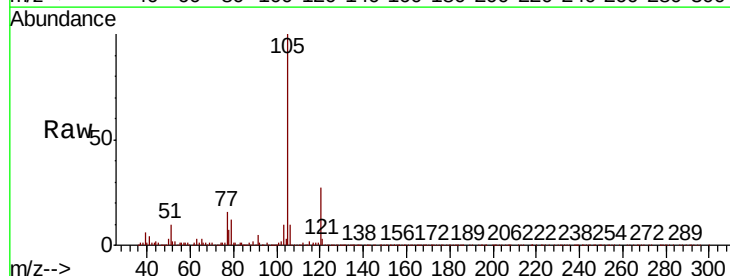
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

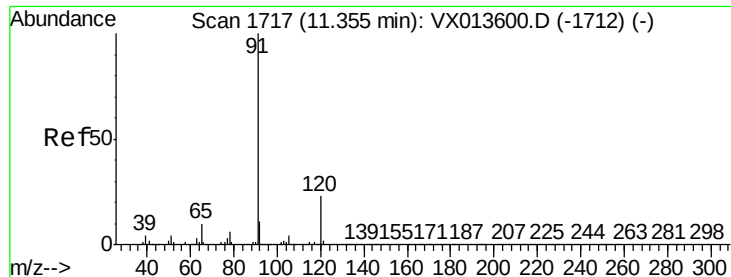
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.4	115.1
150	155.3	0.0	346.8



#73
 Isopropylbenzene
 Concen: 3.334 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.5	40.5





#78

n-propylbenzene

Concen: 5.206 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

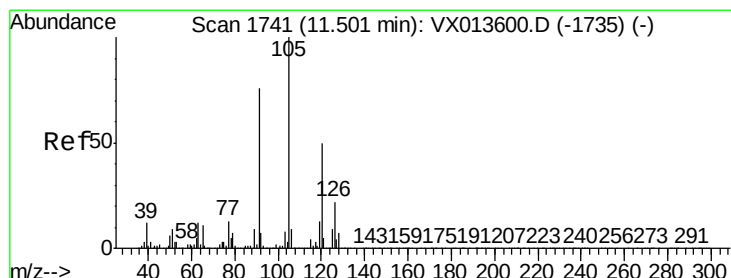
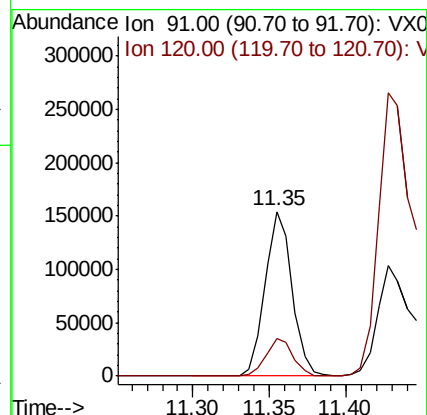
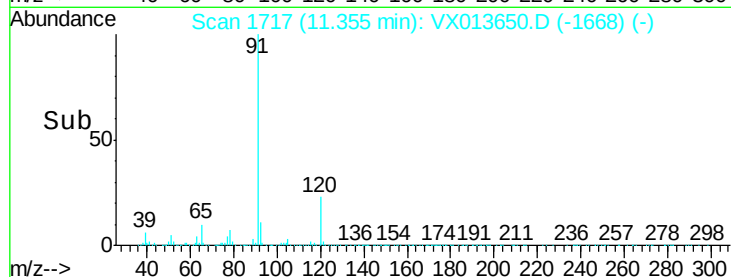
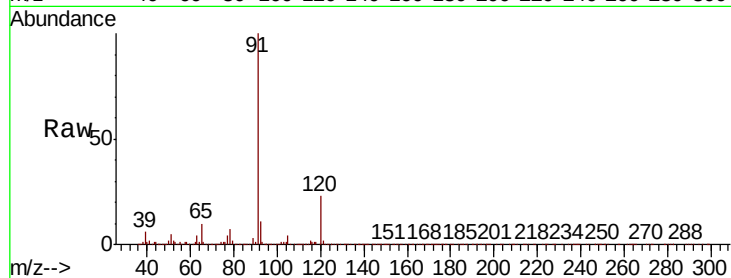
MW-6DL

Tot Ion: 91 Resp: 190082

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 19.832 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013650.D

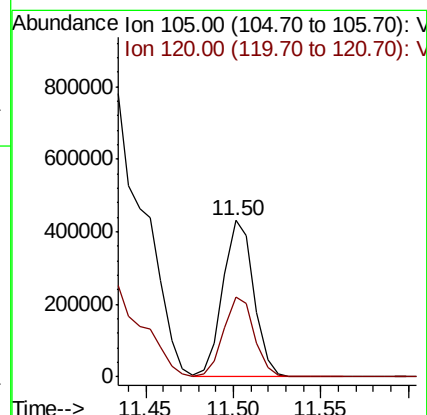
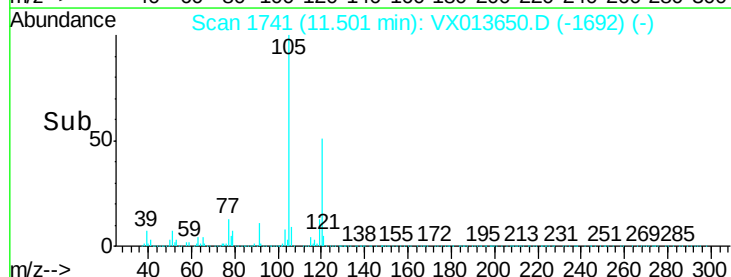
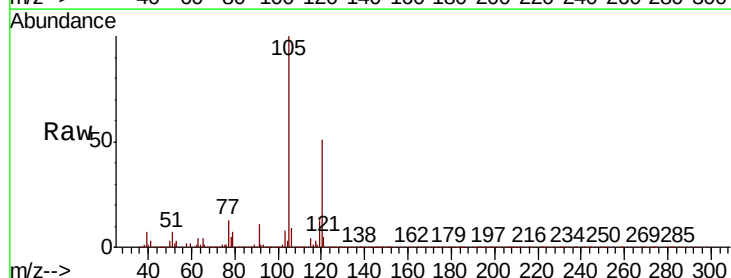
Acq: 27 Nov 2019 14:13

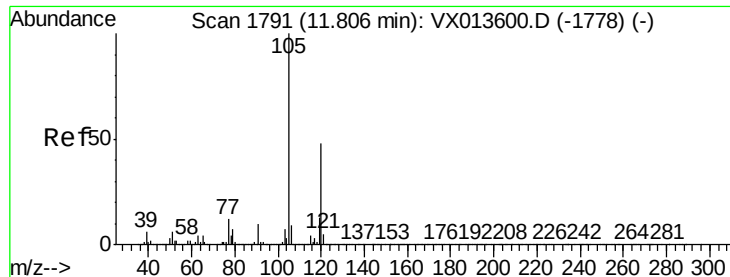
Tgt Ion: 105 Resp: 531649

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9

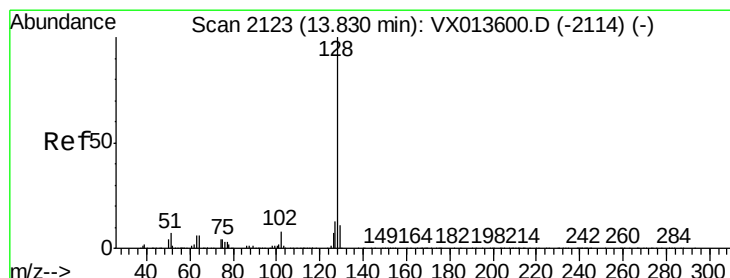
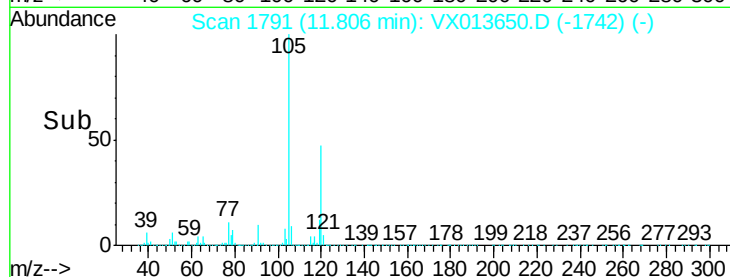
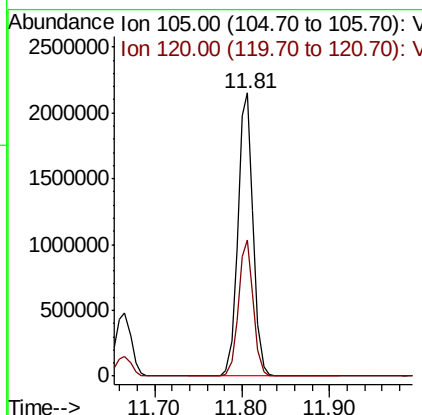
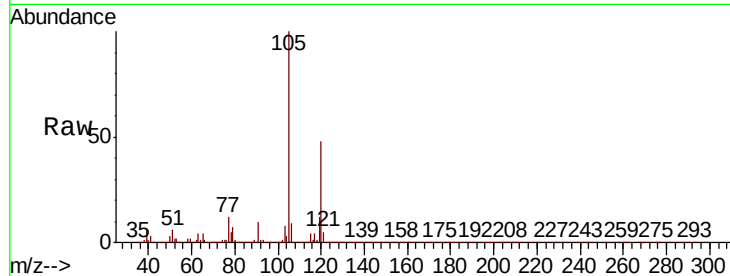




#84
 1,2,4-Trimethylbenzene
 Concen: 96.136 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Tot Ion:105 Resp: 2615584
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.1 69.3



#95
 Naphthalene
 Concen: 27.833 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

Tgt Ion:128 Resp: 879131
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 11.1 8.7 13.1

