

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014201.D
 Acq On : 23 Dec 2019 14:50
 Operator : JC/SP
 Sample : K6377-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Dec 24 07:37:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	575234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	863904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	768514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	358742	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	309553	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
35) Dibromofluoromethane	5.49	113	262343	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	1019631	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.14	95	350381	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	

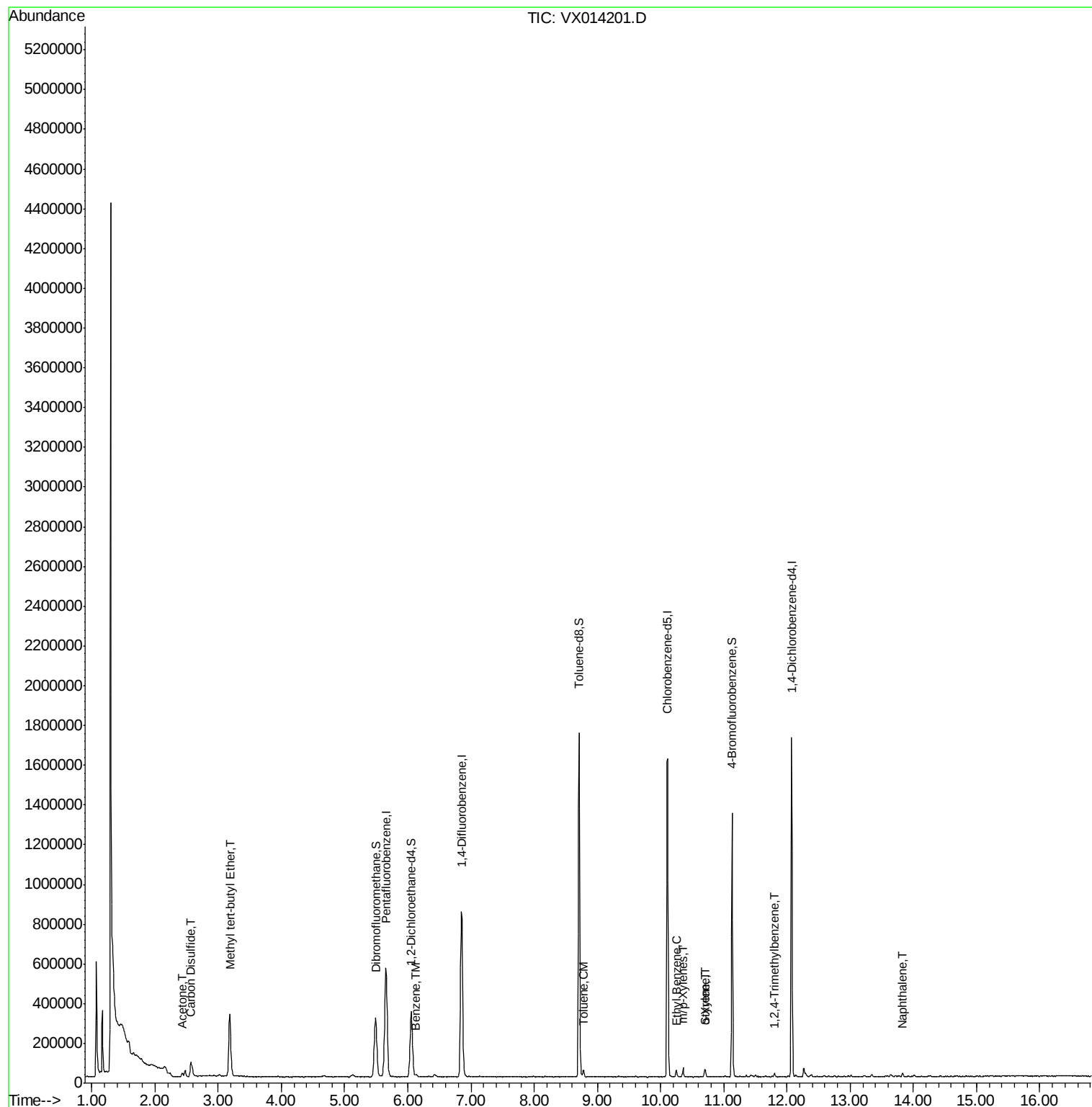
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	20275	4.790	ug/l	98
17) Carbon Disulfide	2.56	76	91002	6.585	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	350876	19.297	ug/l	99
40) Benzene	6.14	78	10802	0.443	ug/l	92
52) Toluene	8.78	92	13582	0.881	ug/l	93
67) Ethyl Benzene	10.25	91	21641	0.770	ug/l	97
68) m/p-Xylenes	10.36	106	12429	1.150	ug/l	90
69) o-Xylene	10.70	106	6277	0.592	ug/l	90
70) Styrene	10.71	104	10791	0.602	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	10429	0.490	ug/l	96
95) Naphthalene	13.83	128	11515	0.492	ug/l #	92

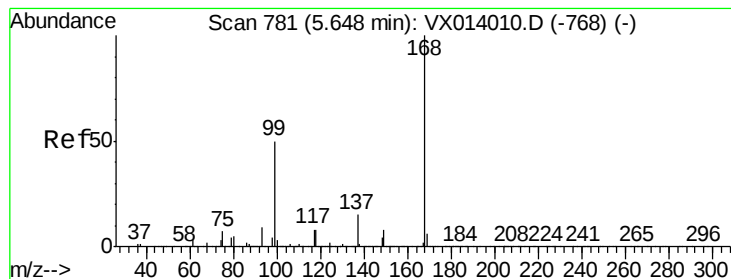
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122319\
Data File : VX014201.D
Acq On : 23 Dec 2019 14:50
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Instrument :
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ClientSampleId :
MW-8

Quant Time: Dec 24 07:37:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014201.D

Acq: 23 Dec 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

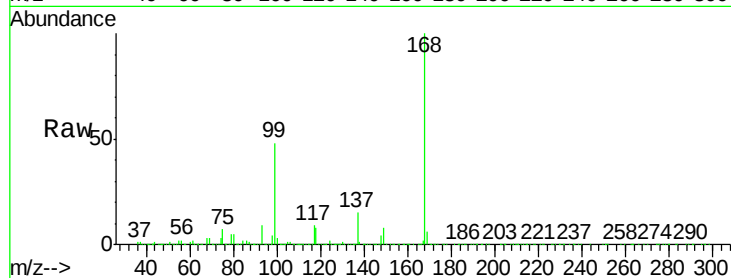
MW-8

Tot Ion:168 Resp: 575234

Ion Ratio Lower Upper

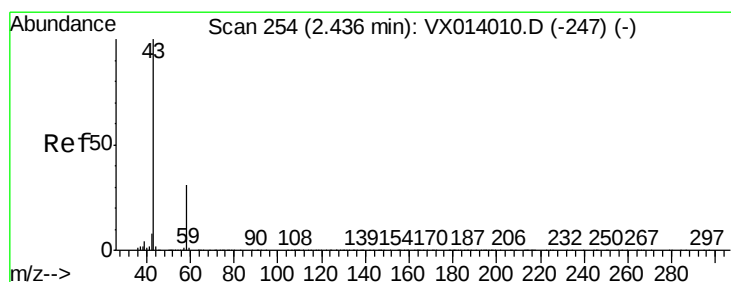
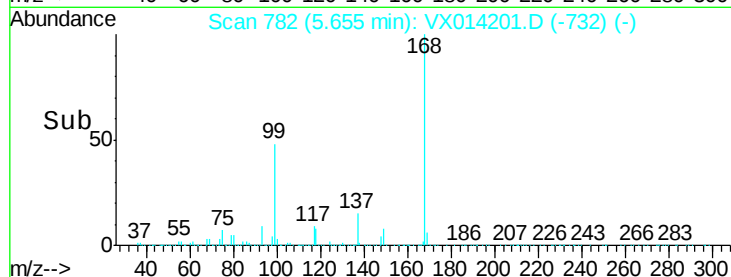
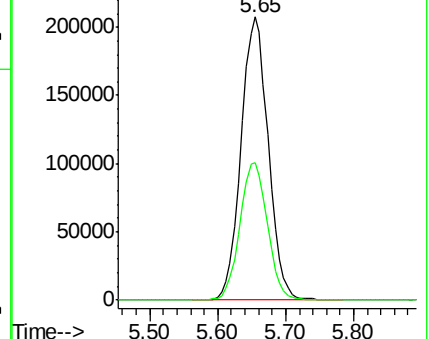
168 100

99 48.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.790 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014201.D

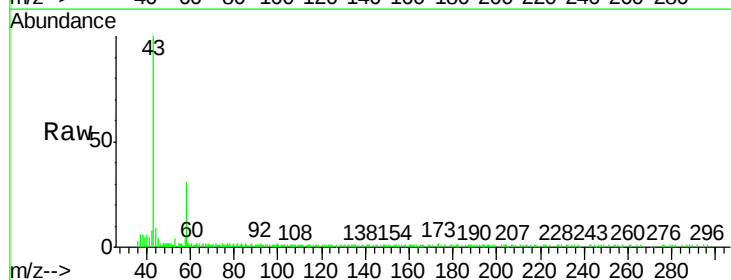
Acq: 23 Dec 2019 14:50

Tgt Ion: 43 Resp: 20275

Ion Ratio Lower Upper

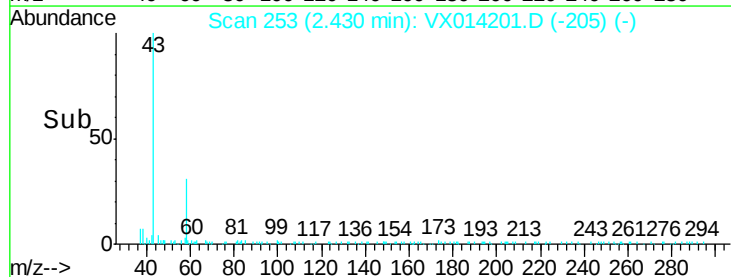
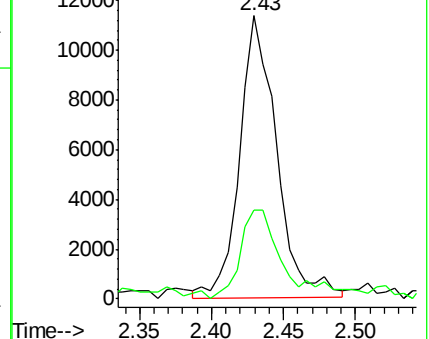
43 100

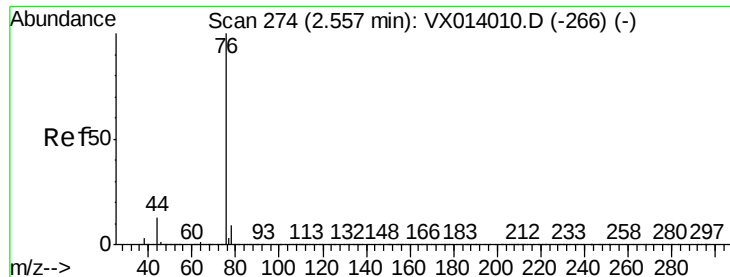
58 30.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

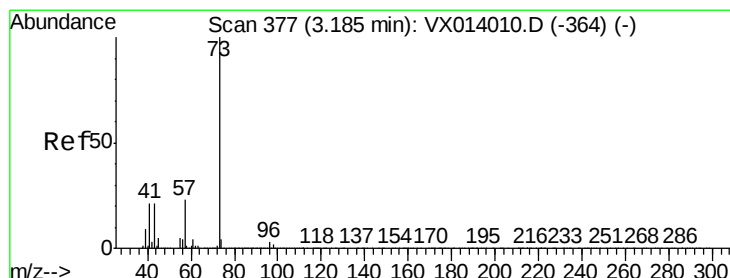
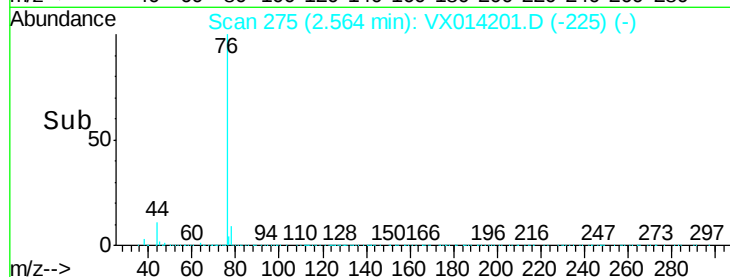
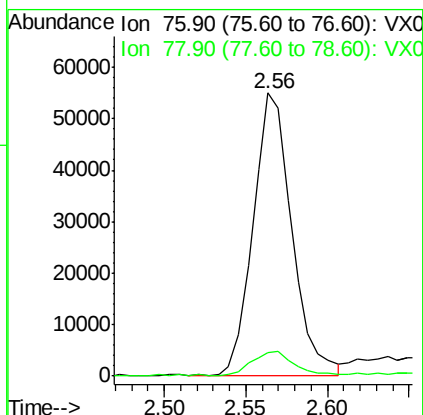
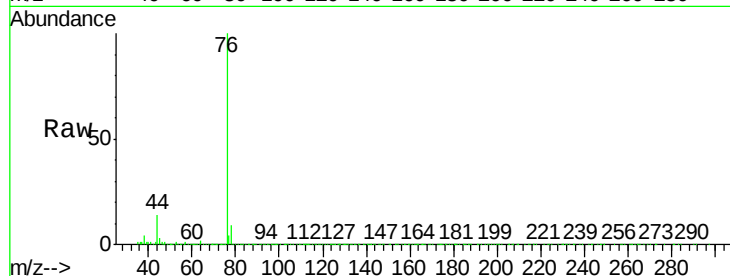




#17
Carbon Disulfide
Concen: 6.585 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014201.D
Acq: 23 Dec 2019 14:50

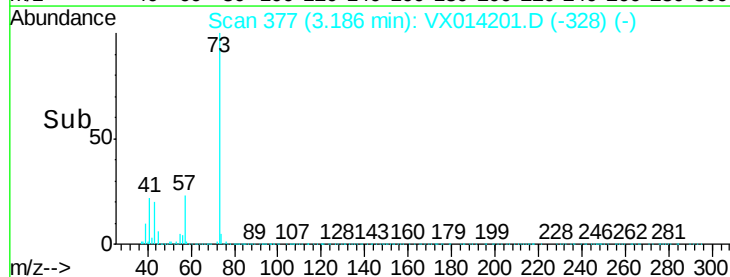
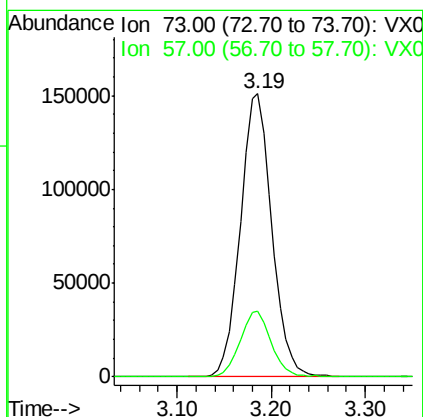
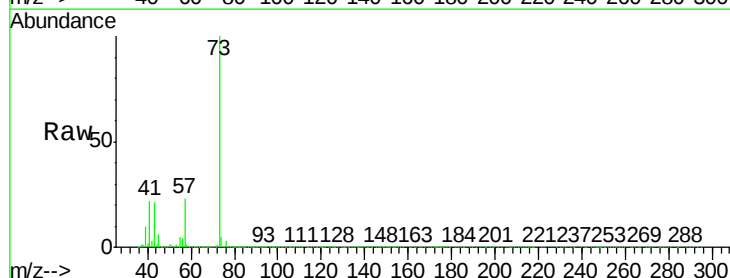
Instrument :
MSVOA_X
ClientSampleId :
MW-8

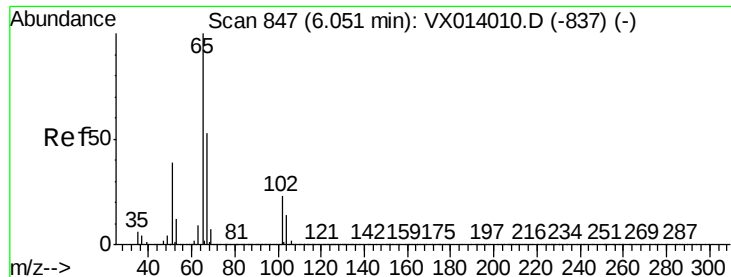
Tot Ion: 76 Resp: 91002
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 19.297 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014201.D
Acq: 23 Dec 2019 14:50

Tgt Ion: 73 Resp: 350876
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2

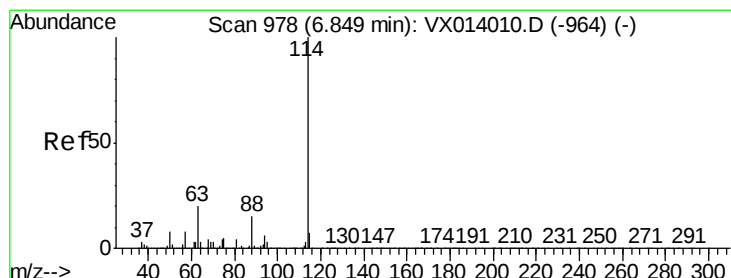
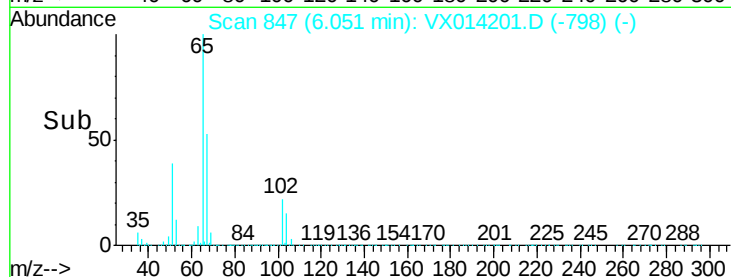
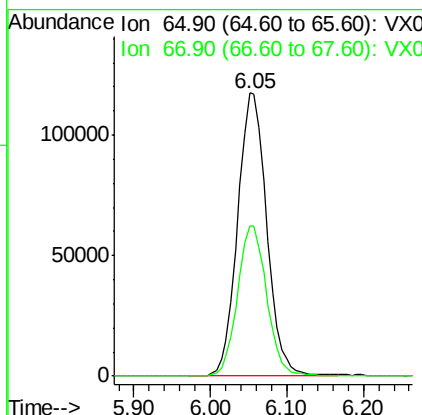
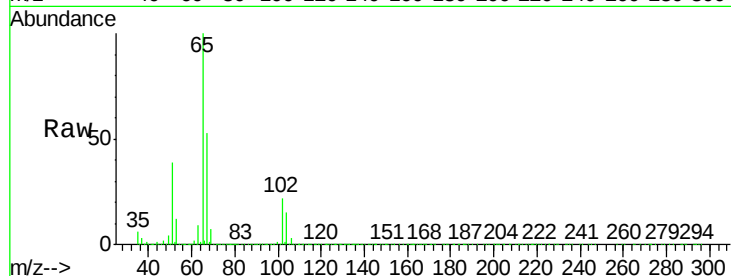




#33
 1,2-Dichloroethane-d4
 Concen: 47.481 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014201.D
 Acq: 23 Dec 2019 14:50

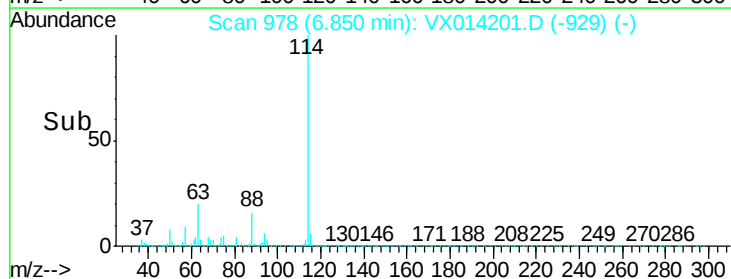
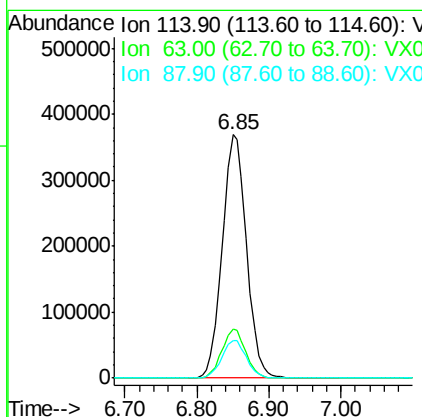
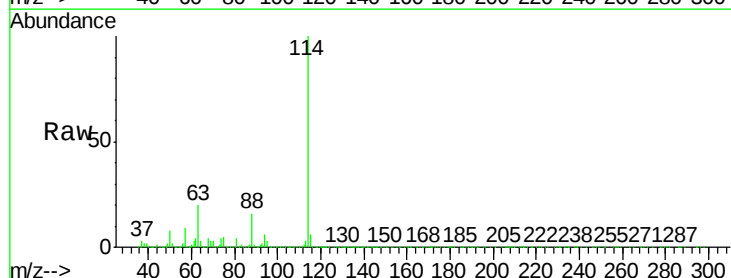
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

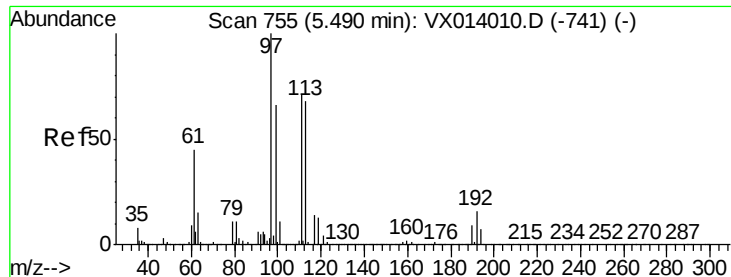
Tot Ion: 65 Resp: 309553
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014201.D
 Acq: 23 Dec 2019 14:50

Tgt Ion: 114 Resp: 863904
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.955 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014201.D

Acq: 23 Dec 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-8

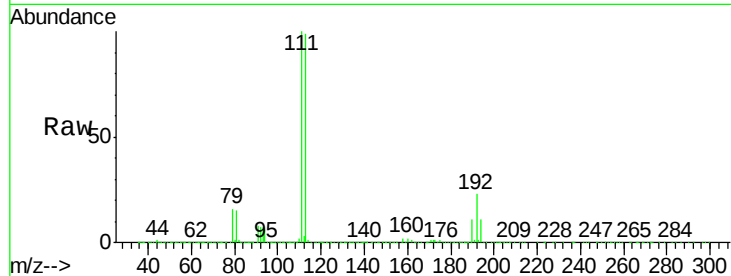
Tot Ion:113 Resp: 262343

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

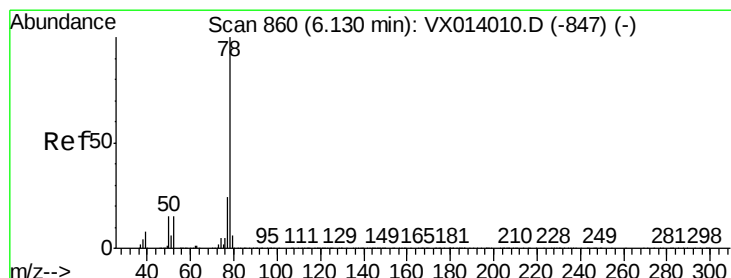
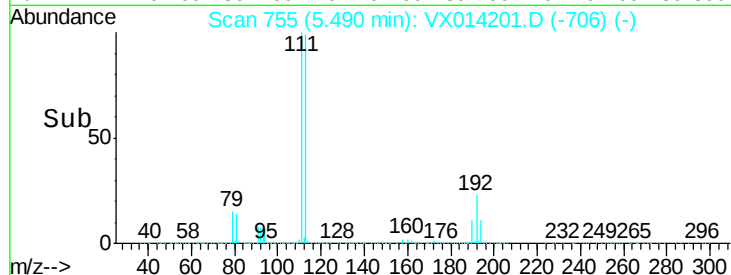
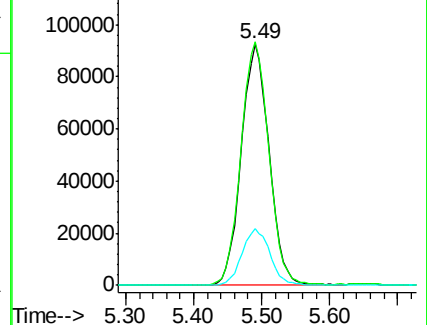
192 23.8 19.3 28.9



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



#40

Benzene

Concen: 0.443 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014201.D

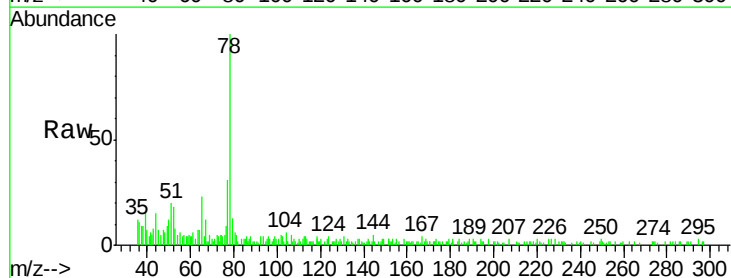
Acq: 23 Dec 2019 14:50

Tgt Ion: 78 Resp: 10802

Ion Ratio Lower Upper

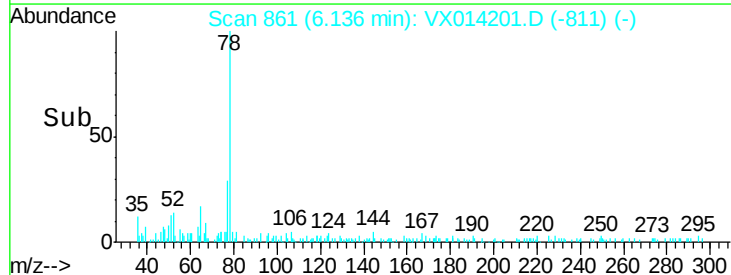
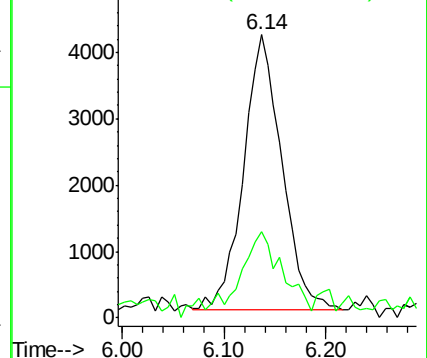
78 100

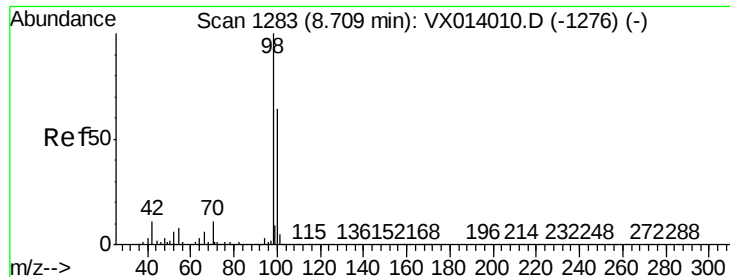
77 27.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 49.870 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014201.D

Acq: 23 Dec 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

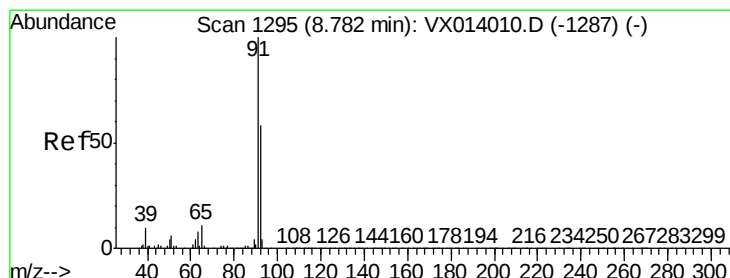
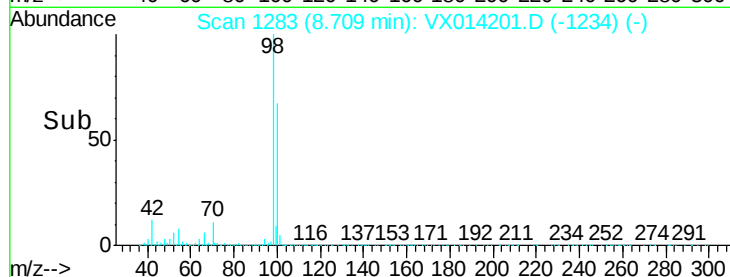
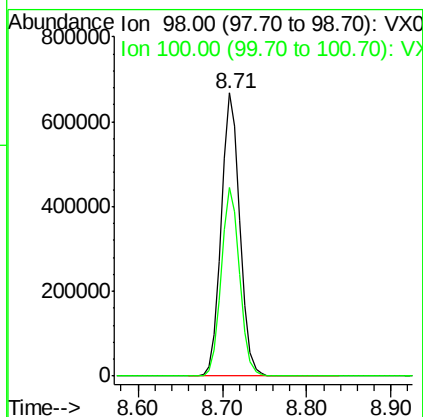
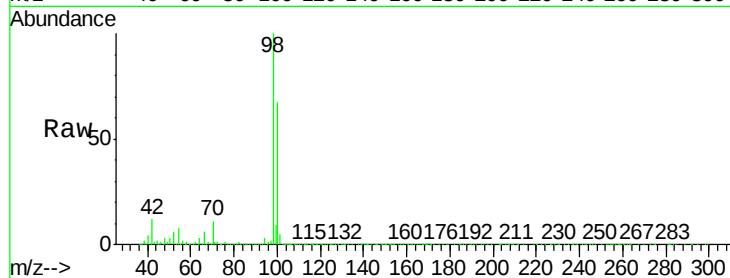
MW-8

Tot Ion: 98 Resp: 1019631

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



#52

Toluene

Concen: 0.881 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014201.D

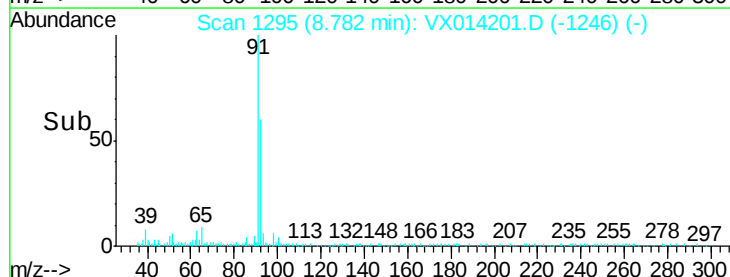
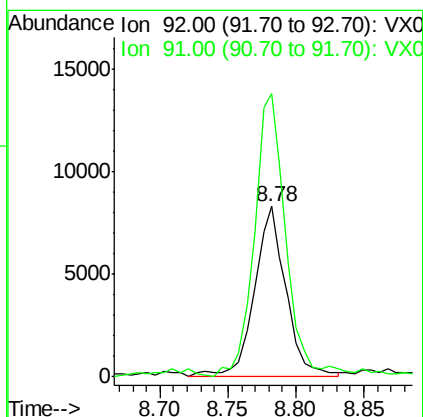
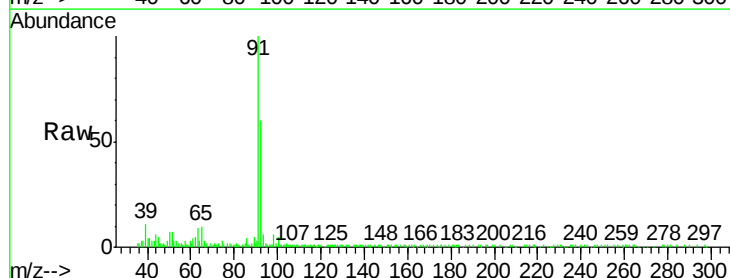
Acq: 23 Dec 2019 14:50

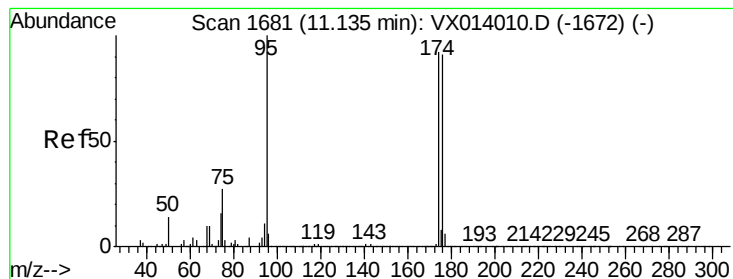
Tgt Ion: 92 Resp: 13582

Ion Ratio Lower Upper

92 100

91 161.1 136.2 204.4





#62

4-Bromofluorobenzene

Concen: 46.881 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014201.D

Acq: 23 Dec 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

MW-8

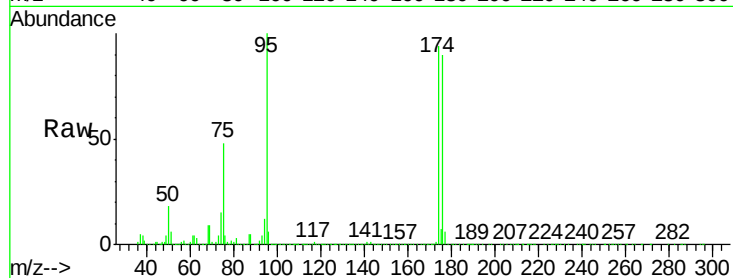
Tot Ion: 95 Resp: 350381

Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.8

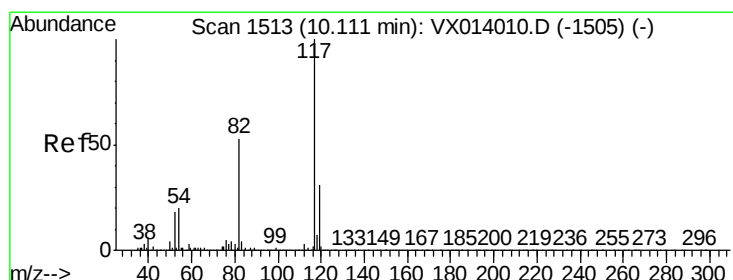
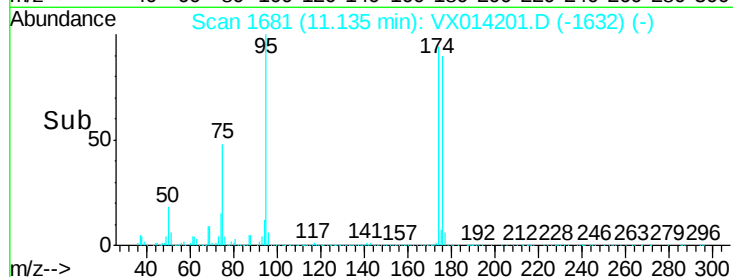
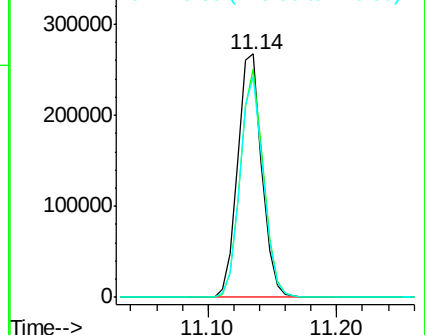
176 87.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014201.D

Acq: 23 Dec 2019 14:50

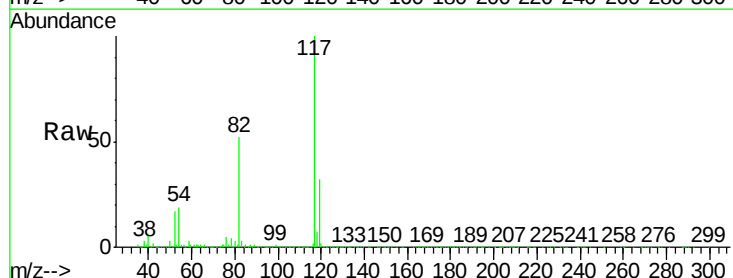
Tgt Ion: 117 Resp: 768514

Ion Ratio Lower Upper

117 100

82 51.5 42.2 63.4

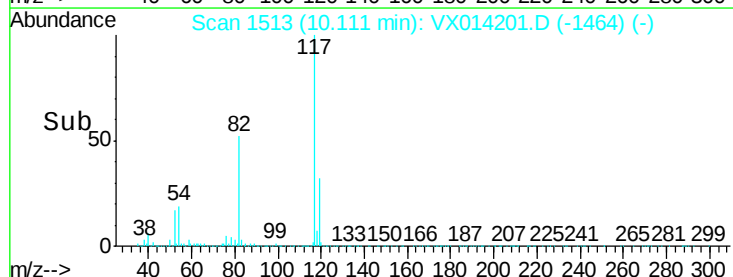
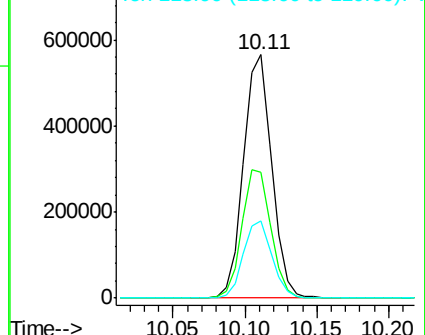
119 31.8 25.1 37.7

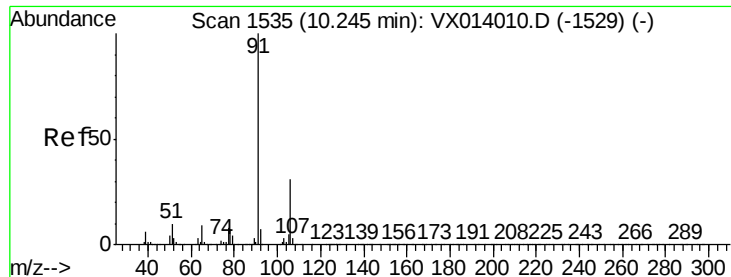


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 0.770 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX014201.D

Acq: 23 Dec 2019 14:50

Instrument :

MSVOA_X

ClientSampled :

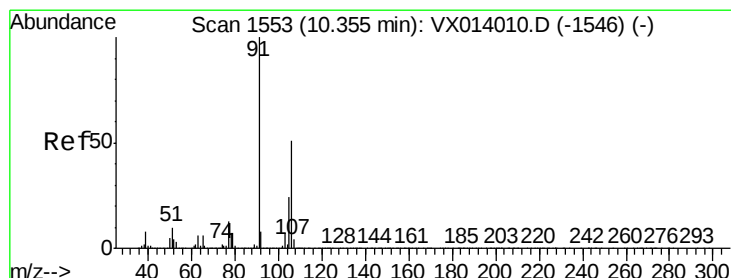
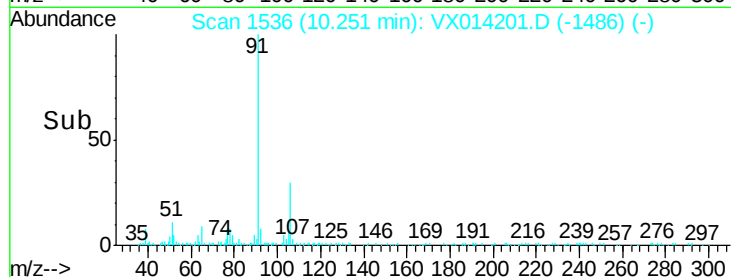
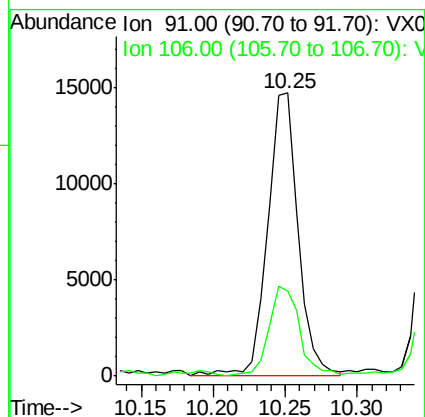
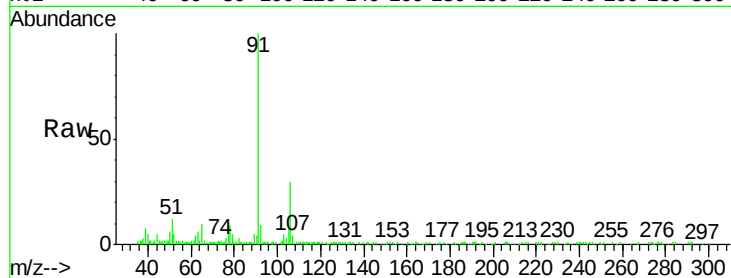
MW-8

Tot Ion: 91 Resp: 21641

Ion Ratio Lower Upper

91 100

106 29.4 25.0 37.6



#68

m/p-Xylenes

Concen: 1.150 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014201.D

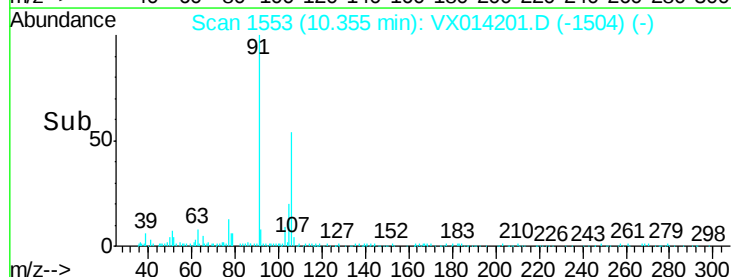
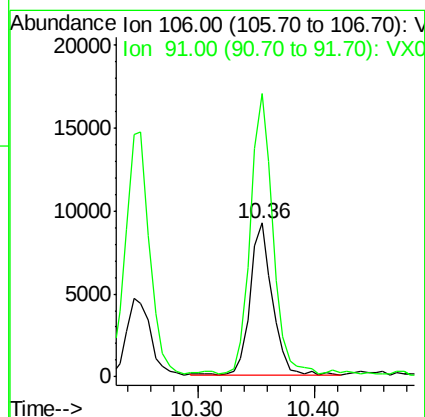
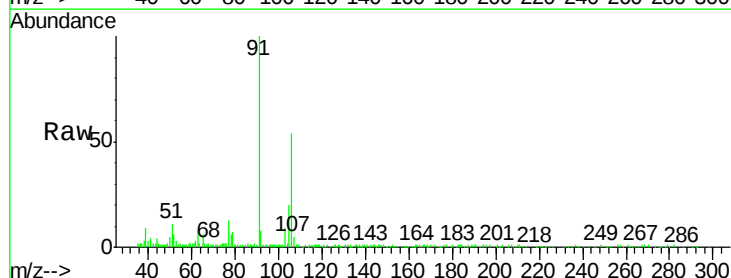
Acq: 23 Dec 2019 14:50

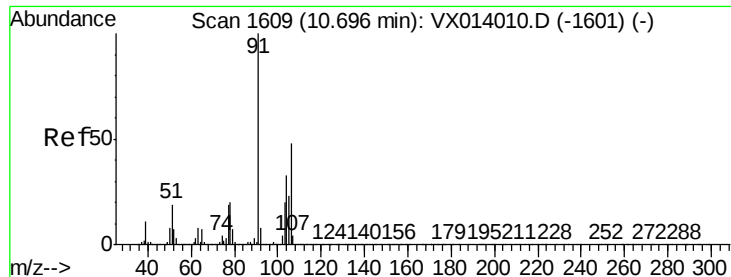
Tgt Ion: 106 Resp: 12429

Ion Ratio Lower Upper

106 100

91 183.2 158.6 238.0

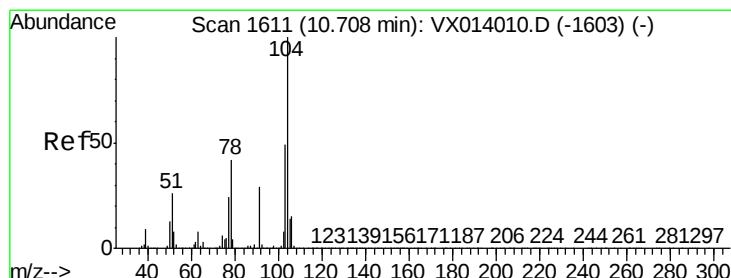
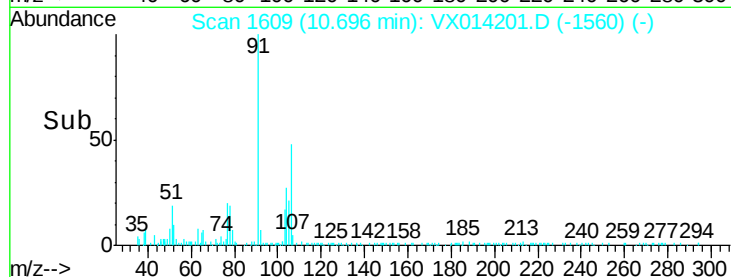
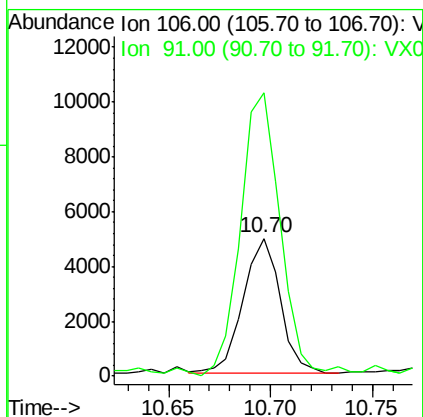
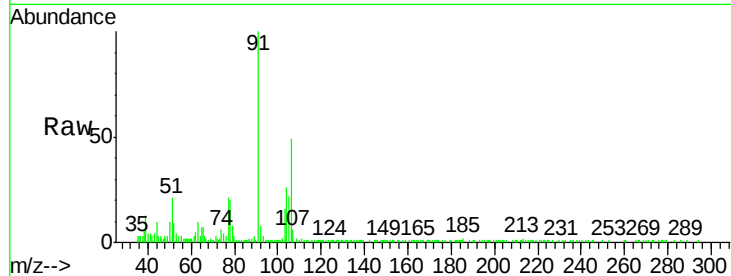




#69
o-Xylene
Concen: 0.592 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014201.D
Acq: 23 Dec 2019 14:50

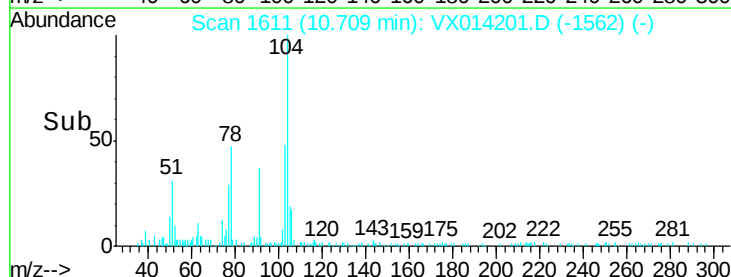
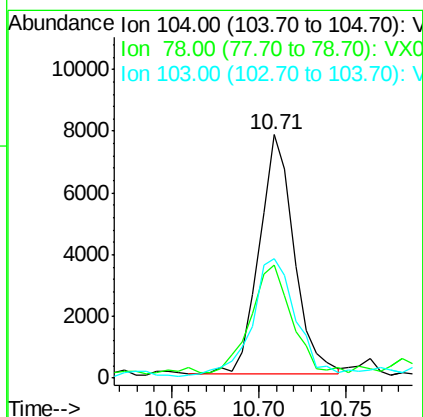
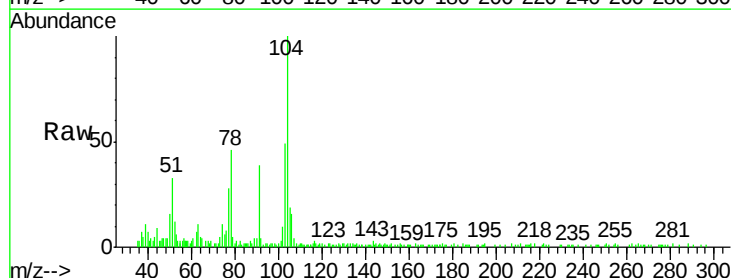
Instrument :
MSVOA_X
ClientSampleId :
MW-8

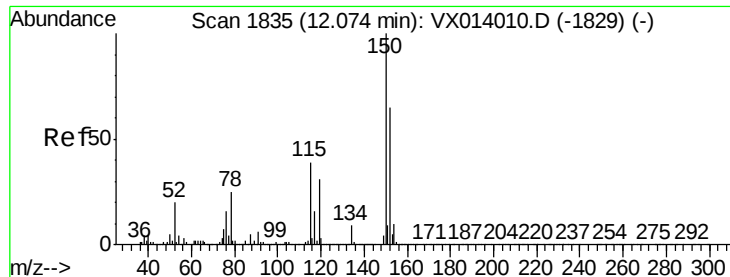
Tot Ion:106 Resp: 6277
Ion Ratio Lower Upper
106 100
91 224.1 104.2 312.6



#70
Styrene
Concen: 0.602 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014201.D
Acq: 23 Dec 2019 14:50

Tgt Ion:104 Resp: 10791
Ion Ratio Lower Upper
104 100
78 55.1 38.5 57.7
103 63.0 42.9 64.3



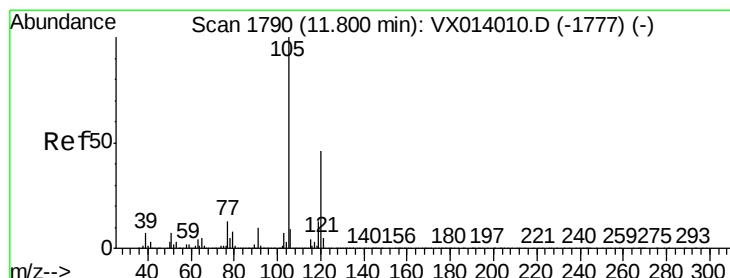
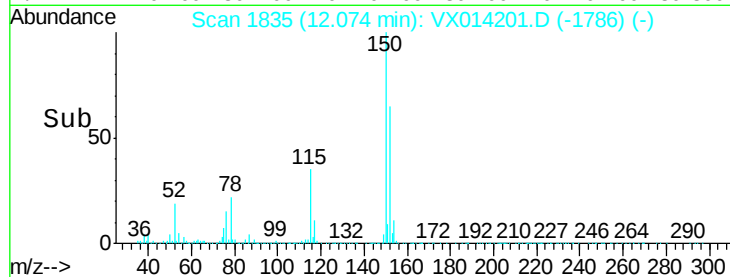
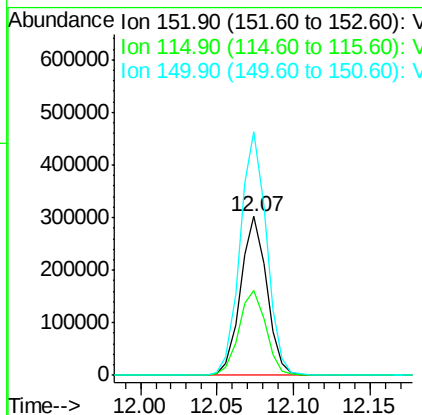
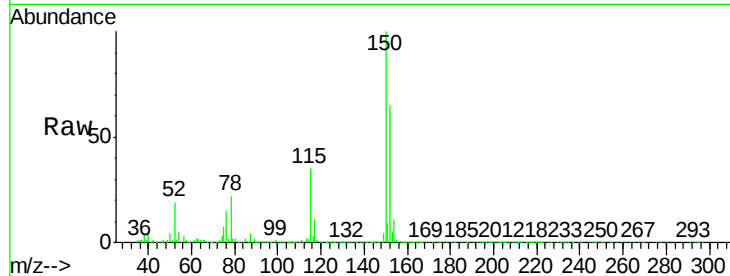


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014201.D
Acq: 23 Dec 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
MW-8

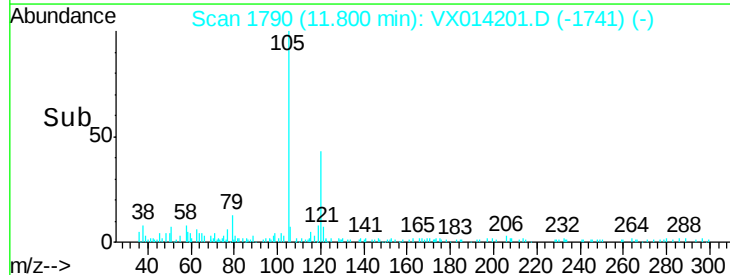
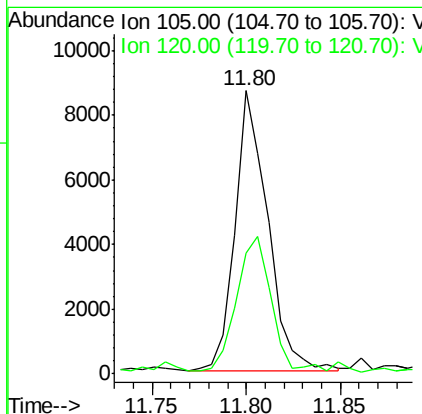
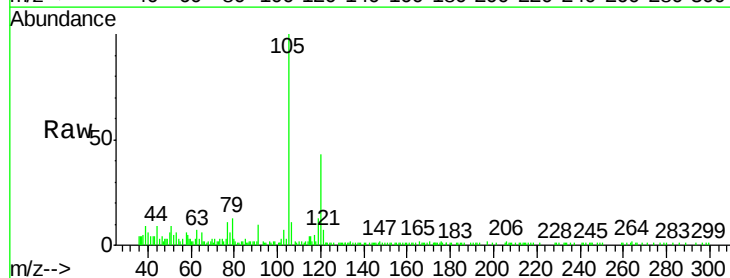
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.3	114.9
150	154.2	0.0	345.4

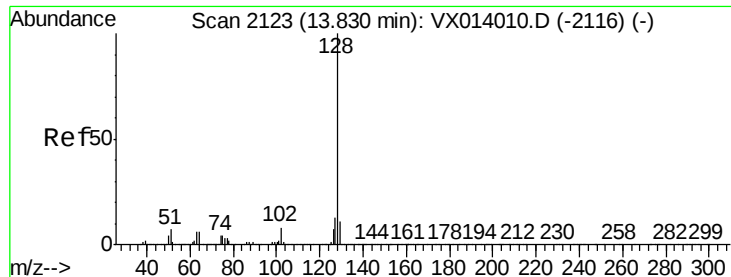


#84

1,2,4-Trimethylbenzene
Concen: 0.490 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014201.D
Acq: 23 Dec 2019 14:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	23.1	69.2

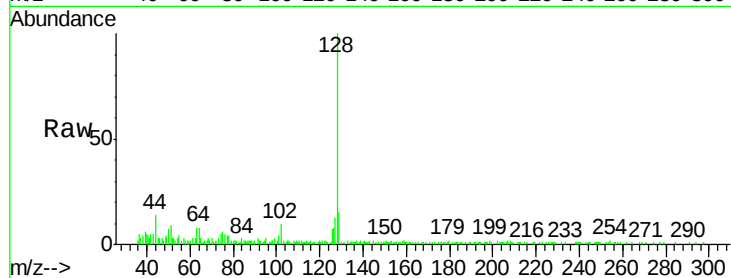




#95
Naphthalene
Concen: 0.492 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014201.D
Acq: 23 Dec 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.5	10.2	15.4#
129	12.1	8.7	13.1



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

