

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013636.D
 Acq On : 27 Nov 2019 06:35
 Operator : JC/SP
 Sample : K6002-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

Quant Time: Nov 27 07:31:59 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

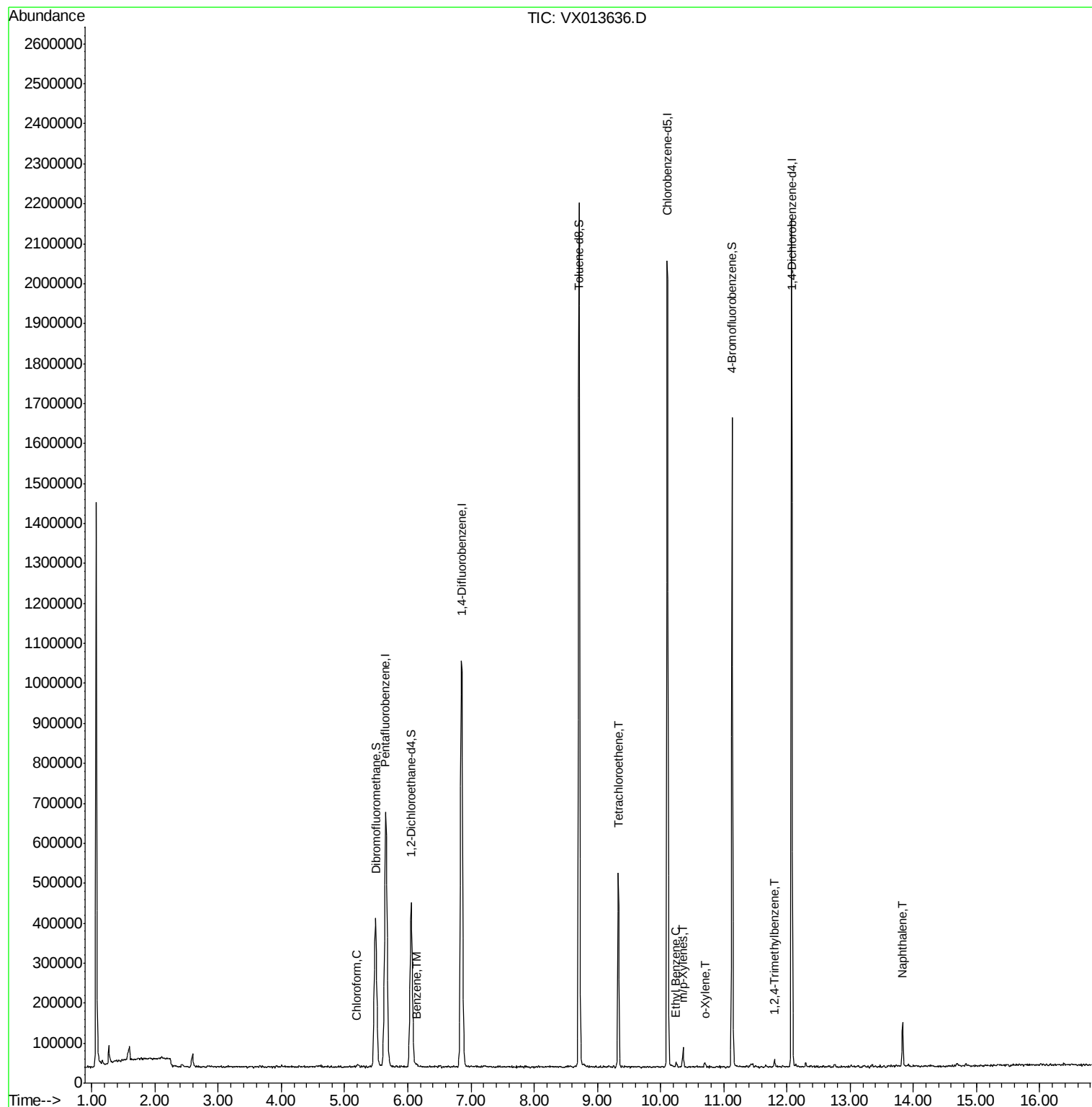
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	674357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1072549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	955660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	435740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	385957	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	5.49	113	318122	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	1275347	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.14	95	426960	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
					Qvalue	
30) Chloroform	5.20	83	6384	0.513	ug/l #	74
40) Benzene	6.13	78	8163	0.275	ug/l #	81
64) Tetrachloroethene	9.33	164	95958	13.465	ug/l	97
67) Ethyl Benzene	10.25	91	8334	0.244	ug/l	97
68) m/p-Xylenes	10.36	106	13845	1.061	ug/l	91
69) o-Xylene	10.70	106	3608	0.283	ug/l	83
84) 1,2,4-Trimethylbenzene	11.81	105	9368	0.368	ug/l	95
95) Naphthalene	13.83	128	71659	2.428	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 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: VX013636.D

Acq: 27 Nov 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

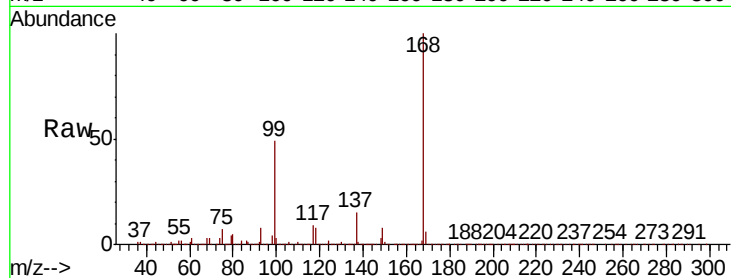
MW-10D

Tot Ion:168 Resp: 674357

Ion Ratio Lower Upper

168 100

99 48.9 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

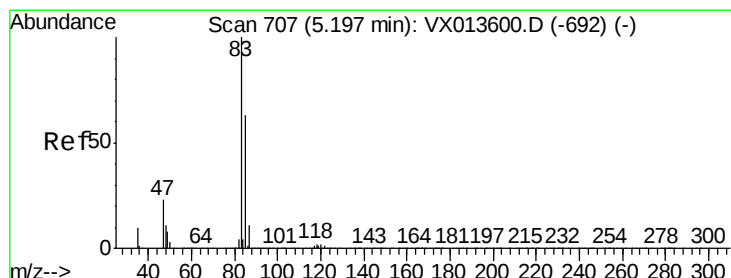
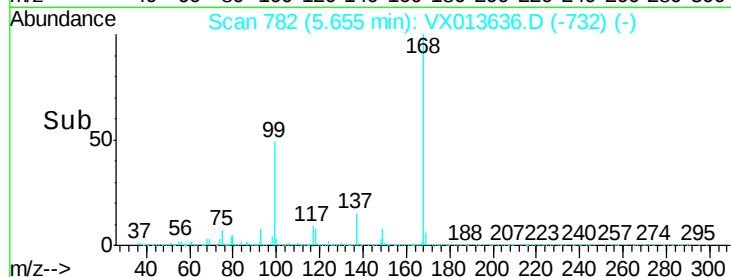
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 0.513 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013636.D

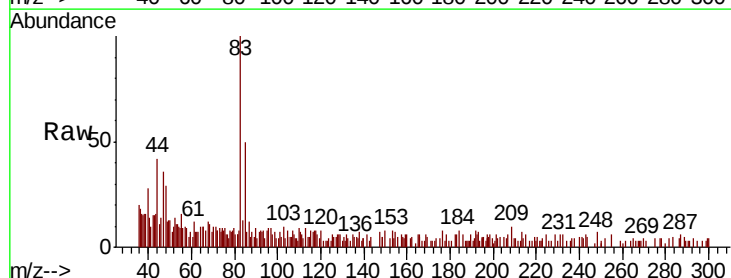
Acq: 27 Nov 2019 06:35

Tgt Ion: 83 Resp: 6384

Ion Ratio Lower Upper

83 100

85 42.6 50.2 75.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.20

2500

2000

1500

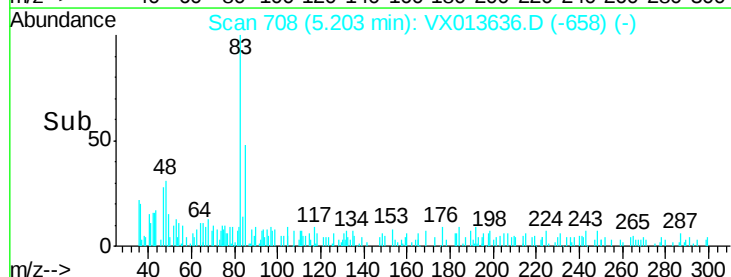
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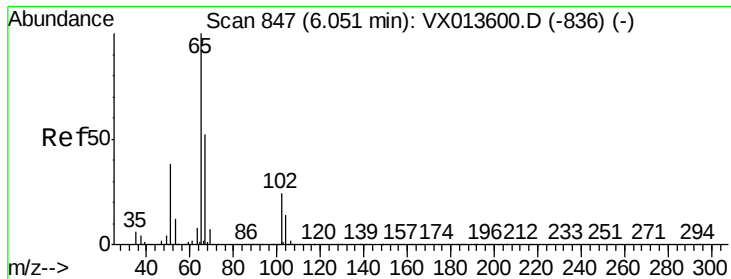
500

0

Time-->

5.10 5.15 5.20 5.25 5.30





#33

1,2-Dichloroethane-d4

Concen: 49.306 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013636.D

Acq: 27 Nov 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

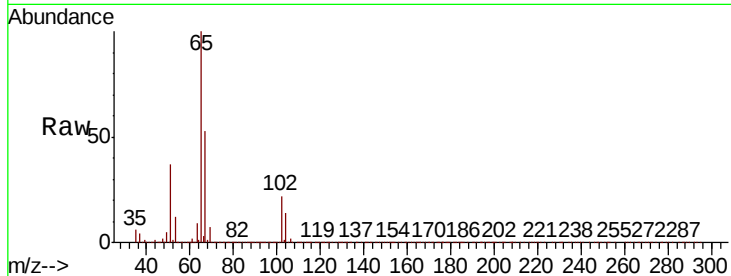
MW-10D

Tot Ion: 65 Resp: 385957

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

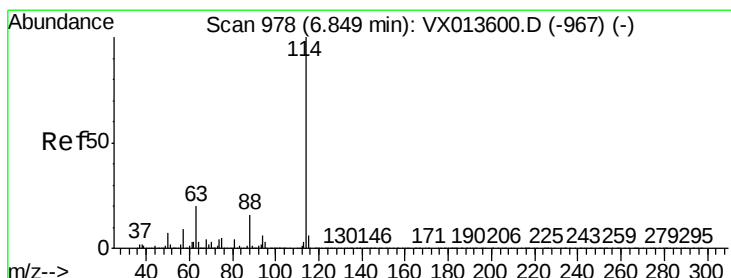
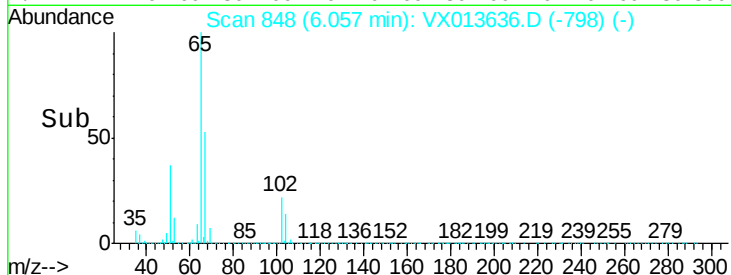
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX013636.D

Acq: 27 Nov 2019 06:35

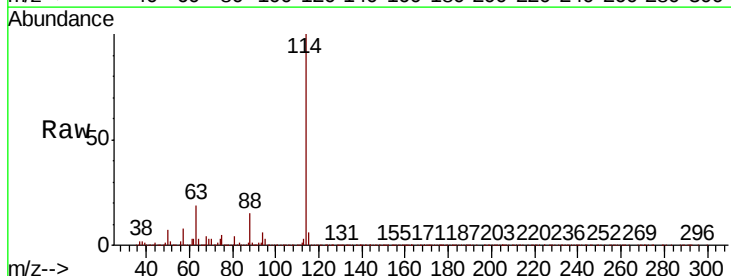
Tgt Ion: 114 Resp: 1072549

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.0 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

600000

500000

400000

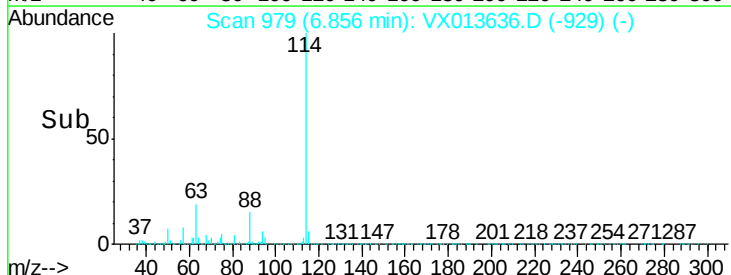
300000

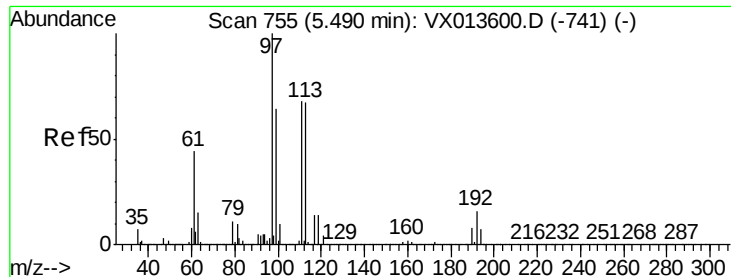
200000

100000

0

Time-->

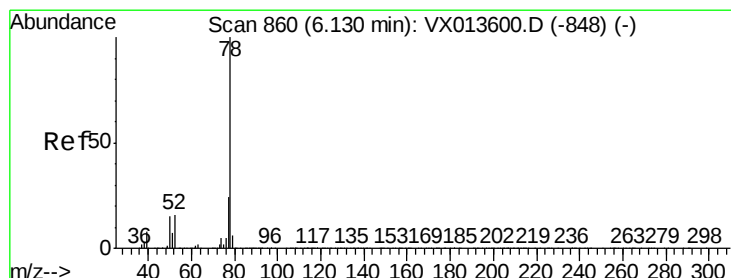
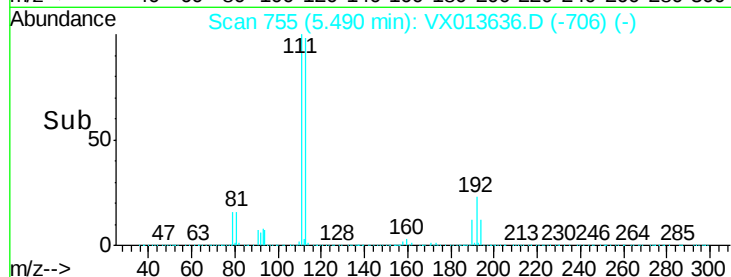
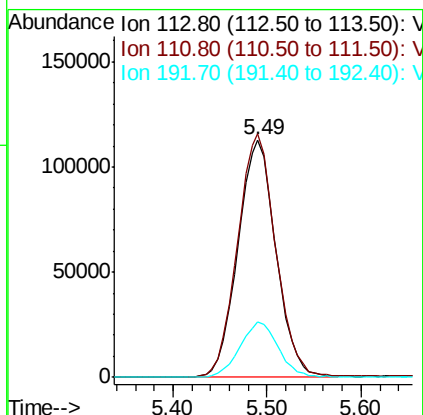
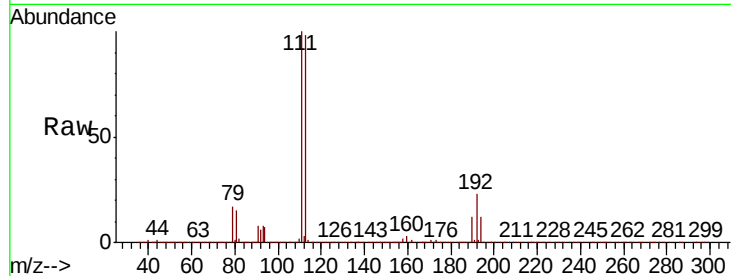




#35
Dibromofluoromethane
Concen: 47.978 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013636.D
Acq: 27 Nov 2019 06:35

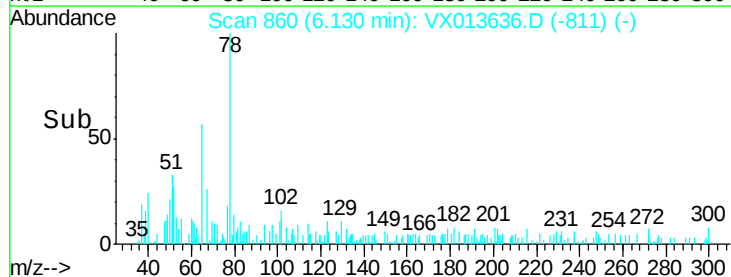
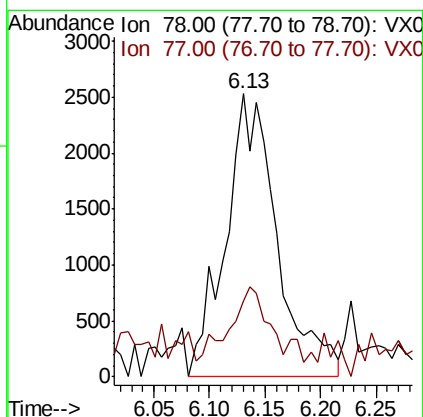
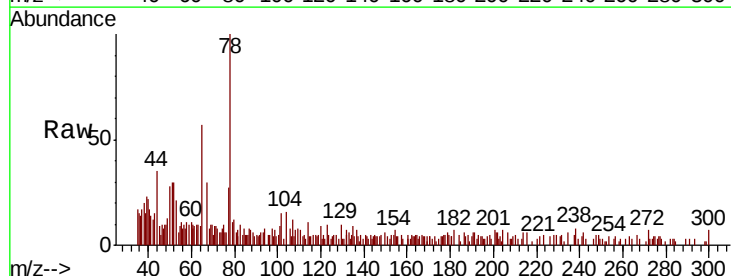
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

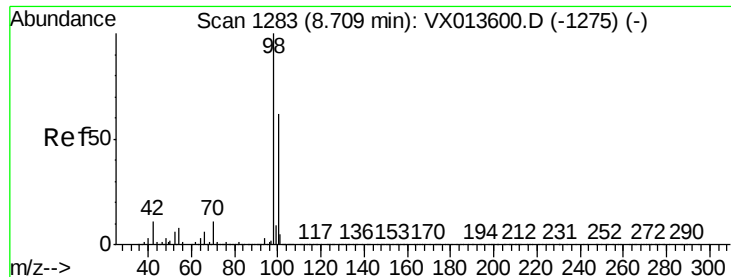
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.6	125.4
192	23.6	19.2	28.8



#40
Benzene
Concen: 0.275 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013636.D
Acq: 27 Nov 2019 06:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	14.3	19.0	28.4#





#50

Toluene-d8

Concen: 49.368 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013636.D

Acq: 27 Nov 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

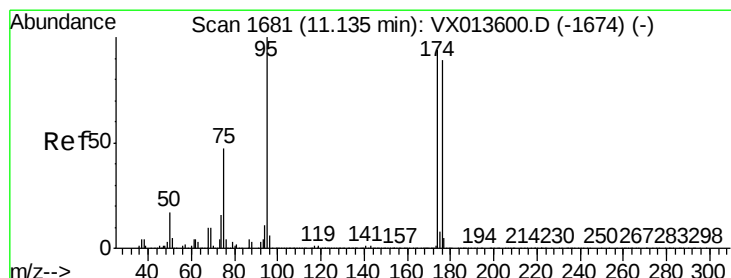
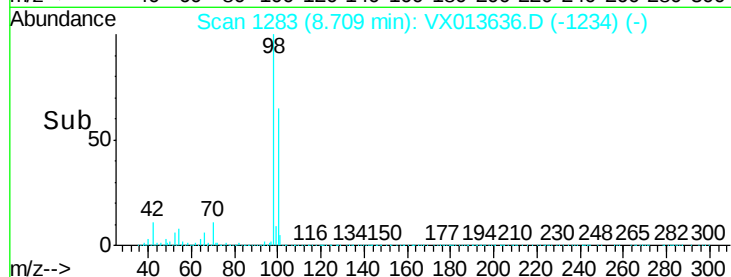
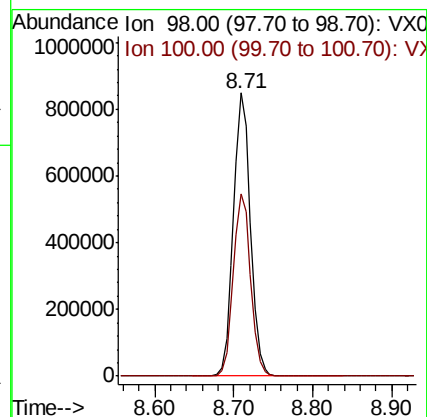
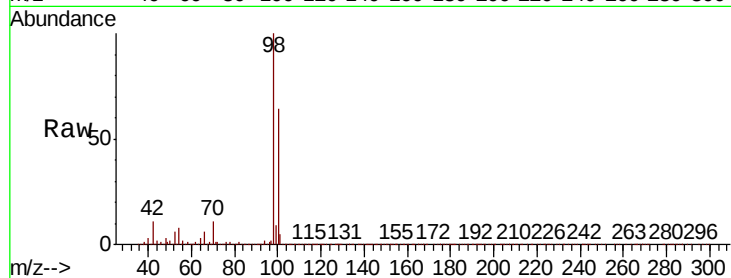
MW-10D

Tot Ion: 98 Resp: 1275347

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.832 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013636.D

Acq: 27 Nov 2019 06:35

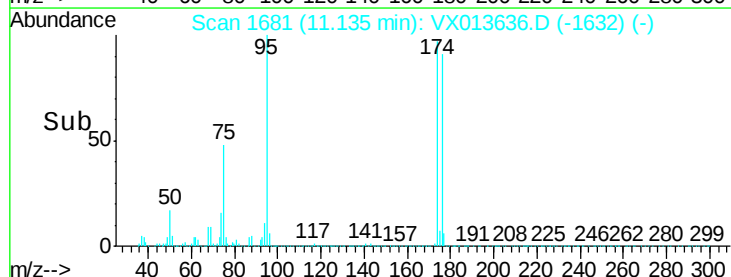
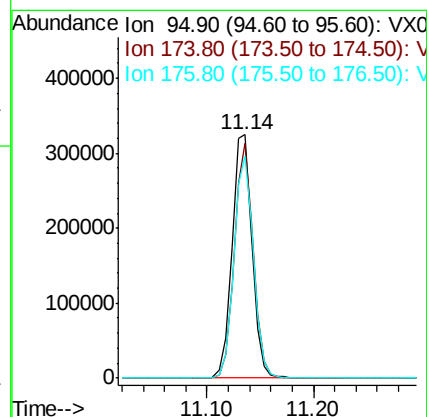
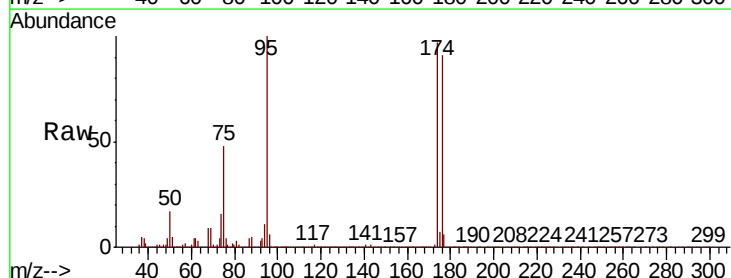
Tgt Ion: 95 Resp: 426960

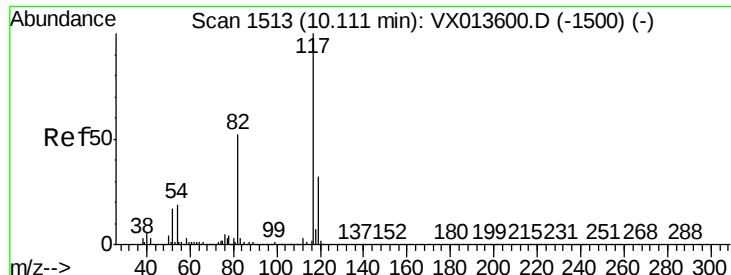
Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.0

176 88.8 0.0 173.6

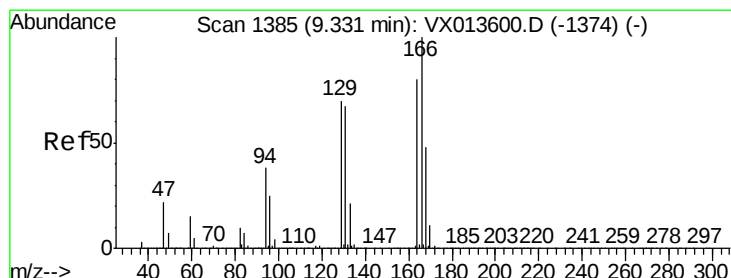
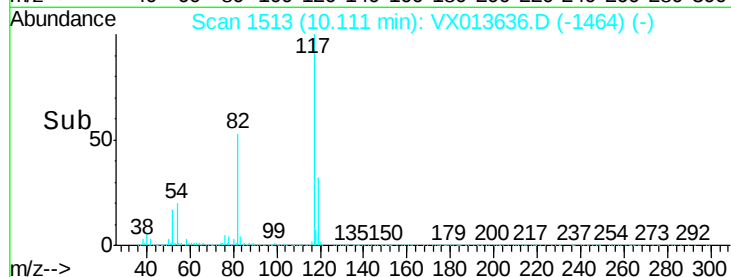
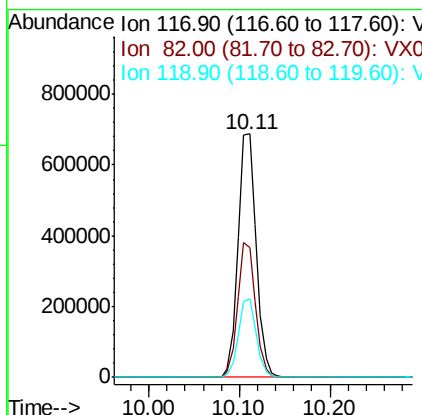
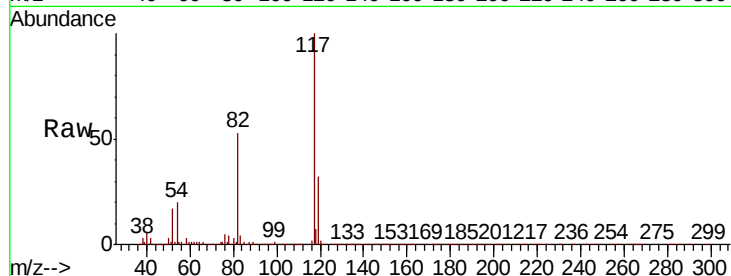




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013636.D
Acq: 27 Nov 2019 06:35

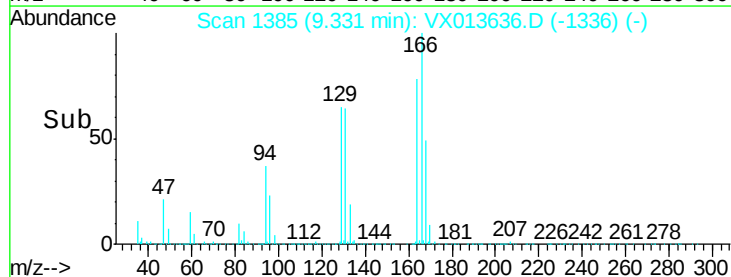
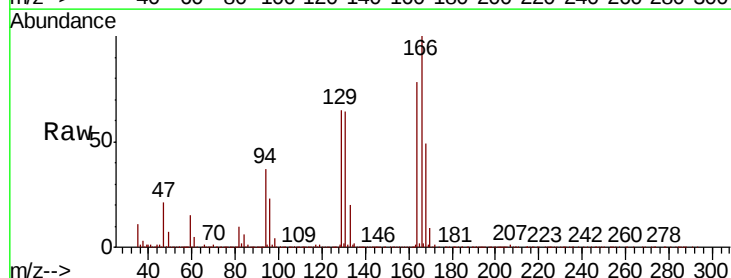
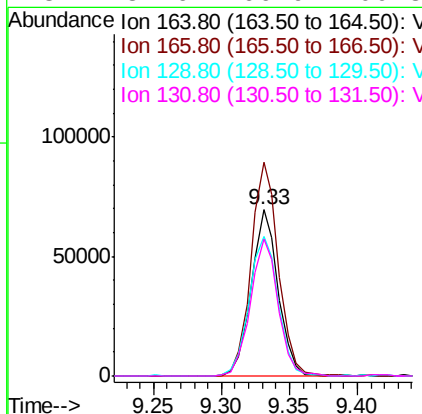
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

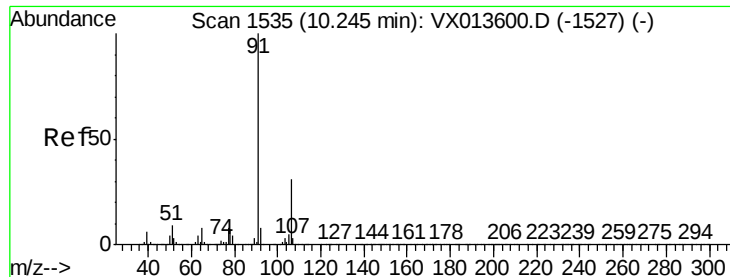
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.8
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 13.465 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013636.D
Acq: 27 Nov 2019 06:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	99.7	149.5
129	83.9	70.1	105.1
131	82.6	66.9	100.3





#67

Ethyl Benzene

Concen: 0.244 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013636.D

Acq: 27 Nov 2019 06:35

Instrument :

MSVOA_X

ClientSampleId :

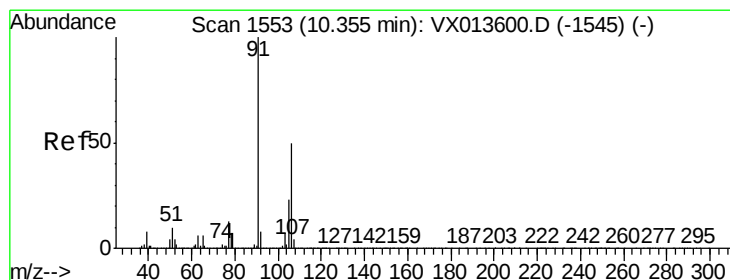
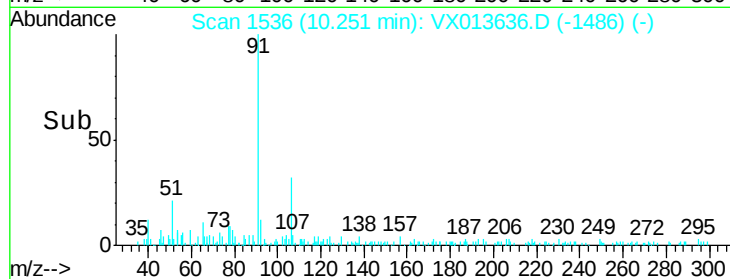
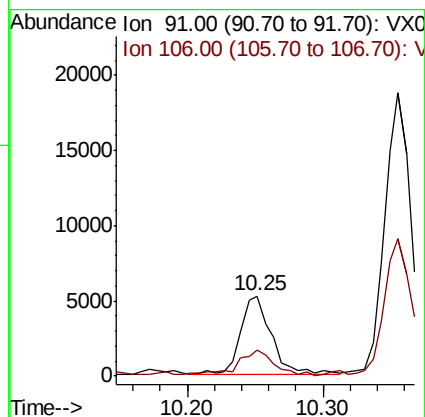
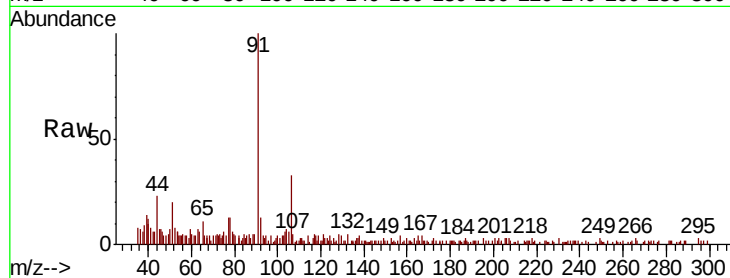
MW-10D

Tot Ion: 91 Resp: 8334

Ion Ratio Lower Upper

91 100

106 29.0 24.5 36.7



#68

m/p-Xylenes

Concen: 1.061 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013636.D

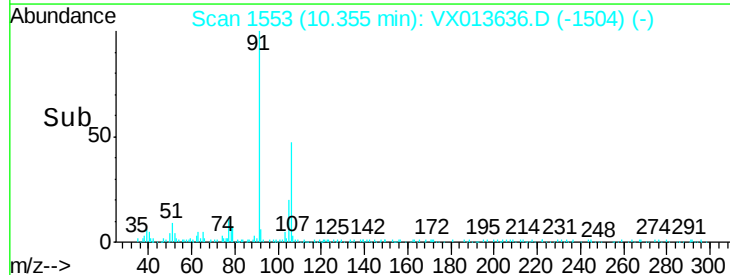
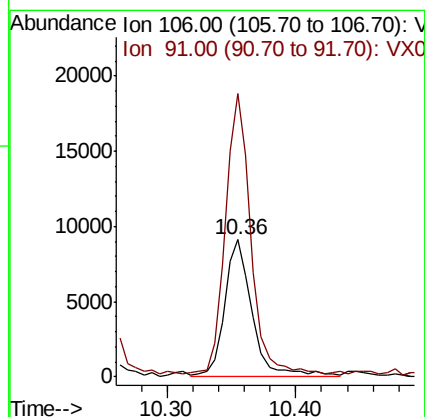
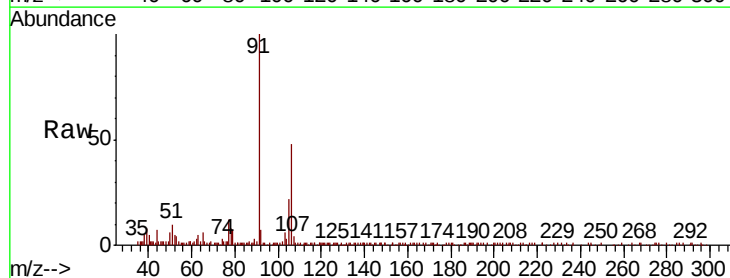
Acq: 27 Nov 2019 06:35

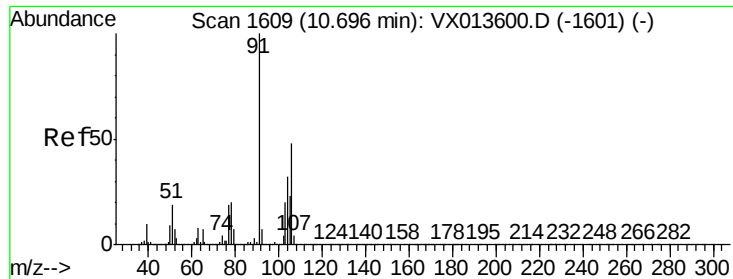
Tgt Ion: 106 Resp: 13845

Ion Ratio Lower Upper

106 100

91 185.7 159.0 238.4

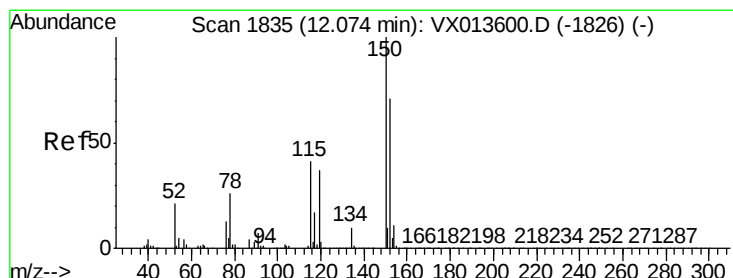
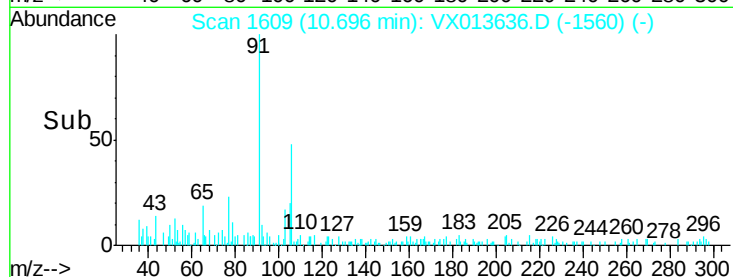
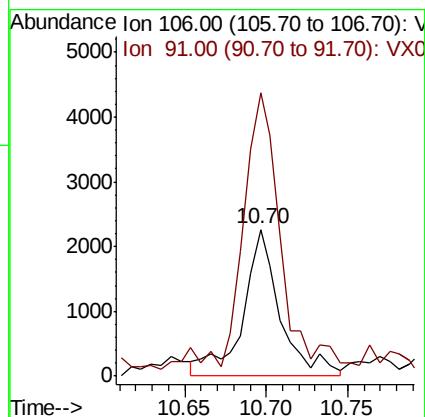
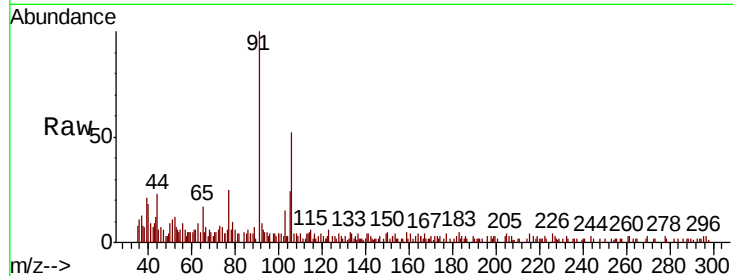




#69
o-Xylene
Concen: 0.283 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013636.D
Acq: 27 Nov 2019 06:35

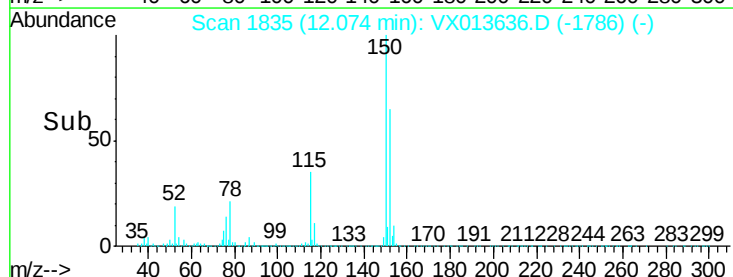
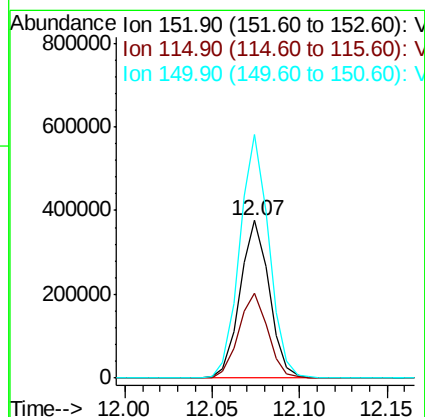
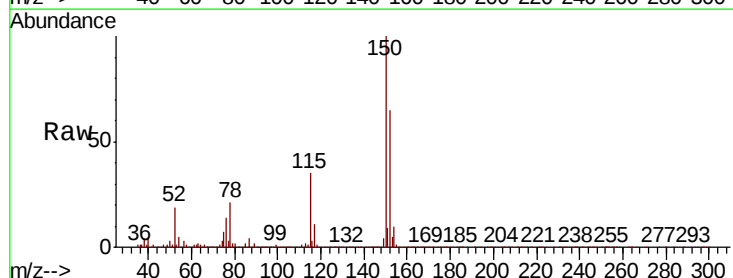
Instrument :
MSVOA_X
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MW-10D

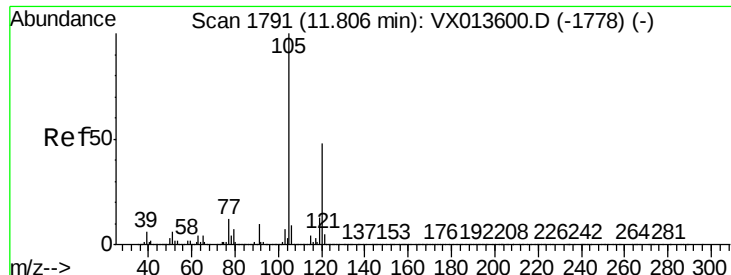
Tot Ion:106 Resp: 3608
Ion Ratio Lower Upper
106 100
91 182.1 104.1 312.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013636.D
Acq: 27 Nov 2019 06:35

Tgt Ion:152 Resp: 435740
Ion Ratio Lower Upper
152 100
115 54.1 38.4 115.1
150 155.0 0.0 346.8

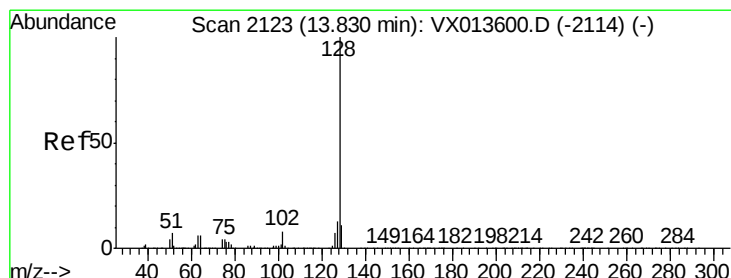
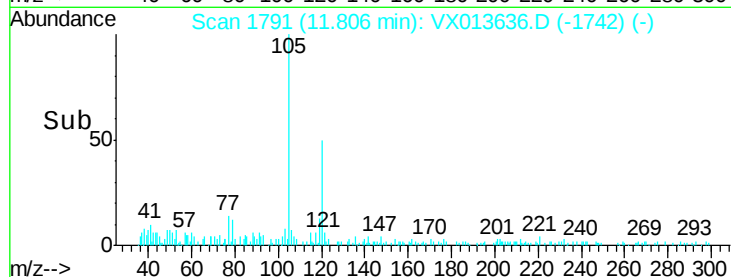
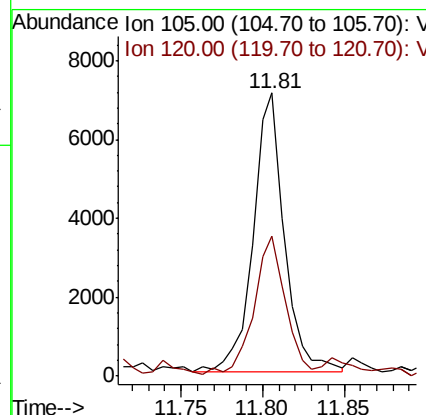
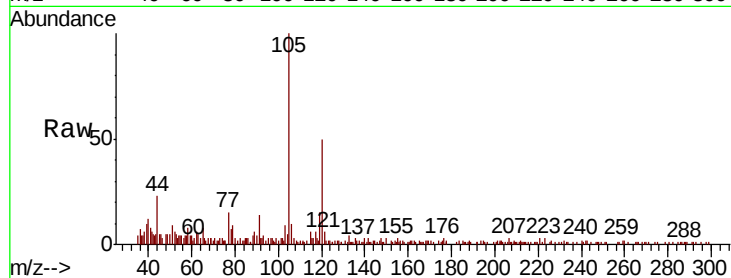




#84
 1,2,4-Trimethylbenzene
 Concen: 0.368 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013636.D
 Acq: 27 Nov 2019 06:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

Tot Ion:105 Resp: 9368
 Ion Ratio Lower Upper
 105 100
 120 49.6 23.1 69.3



#95
 Naphthalene
 Concen: 2.428 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX013636.D
 Acq: 27 Nov 2019 06:35

Tgt Ion:128 Resp: 71659
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 11.2 8.7 13.1

