

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014277.D
 Acq On : 26 Dec 2019 18:17
 Operator : JC/SP
 Sample : K6420-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Dec 27 07:17:47 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	533983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	822739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328157	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	299075	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
35) Dibromofluoromethane	5.49	113	246176	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	980885	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.13	95	328533	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	

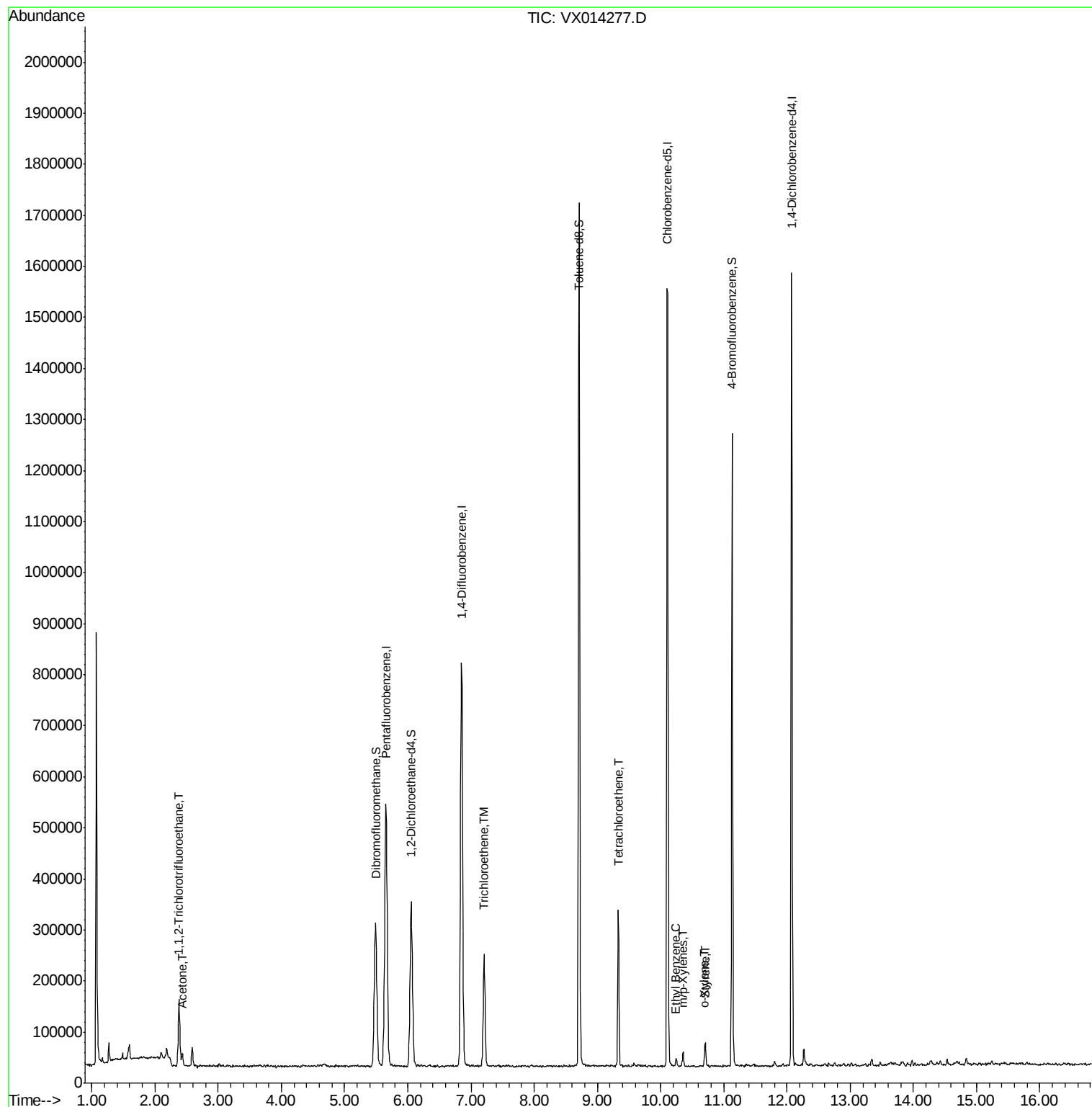
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52916	10.483	ug/l	100
16) Acetone	2.43	43	29506	7.510	ug/l	100
44) Trichloroethene	7.21	130	90711	14.139	ug/l	96
64) Tetrachloroethene	9.33	164	60698	9.232	ug/l	96
67) Ethyl Benzene	10.25	91	10265	0.378	ug/l	94
68) m/p-Xylenes	10.35	106	7839	0.750	ug/l	89
69) o-Xylene	10.69	106	4378	0.427	ug/l	95
70) Styrene	10.71	104	17403	1.005	ug/l	96

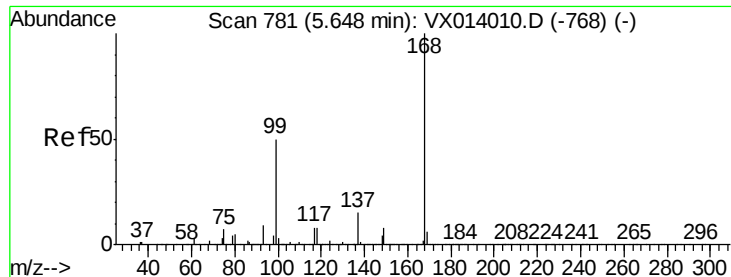
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122619\
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Acq On : 26 Dec 2019 18:17
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Instrument :
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Quant Time: Dec 27 07:17:47 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: VX014277.D

Acq: 26 Dec 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

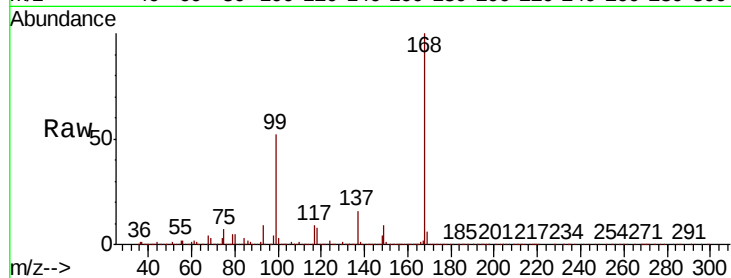
MW-3

Tot Ion:168 Resp: 533983

Ion Ratio Lower Upper

168 100

99 51.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

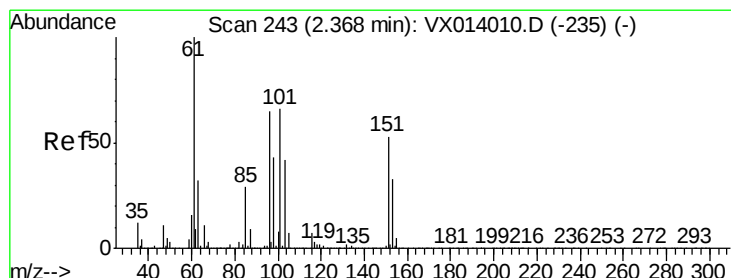
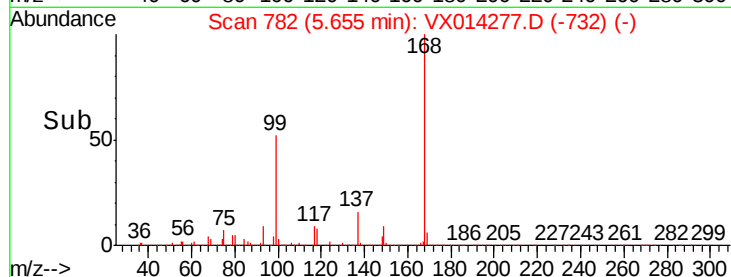
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.483 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014277.D

Acq: 26 Dec 2019 18:17

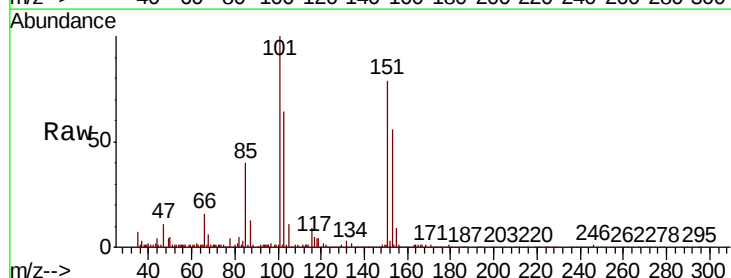
Tgt Ion:101 Resp: 52916

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

151 80.8 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

30000

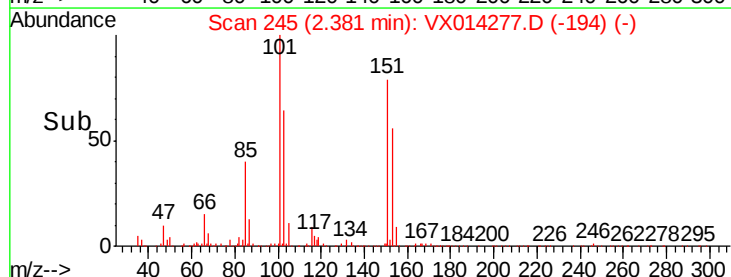
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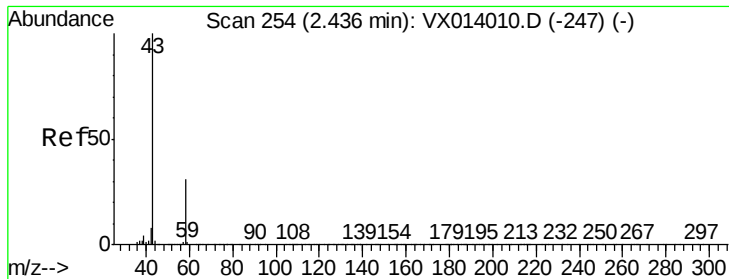
10000

0

Time-->

2.30 2.35 2.40 2.45

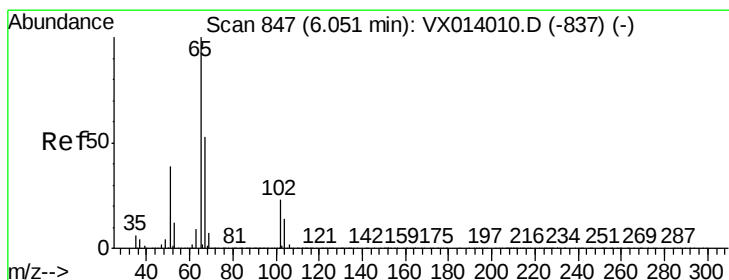
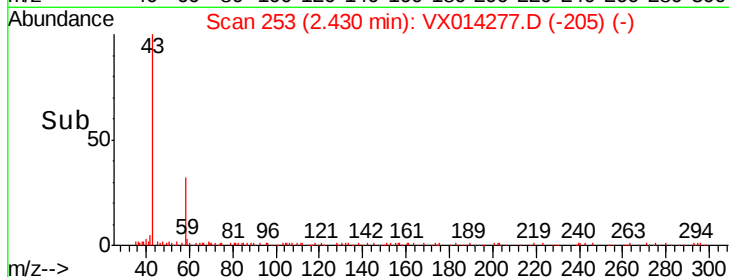
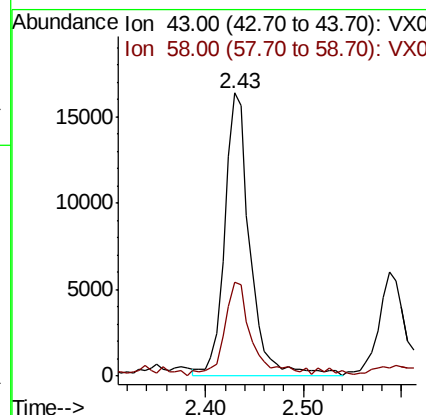
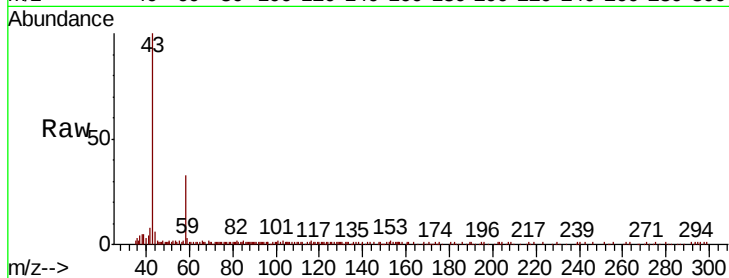




#16
Acetone
Concen: 7.510 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

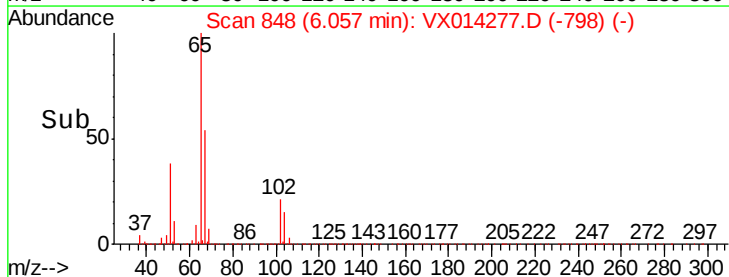
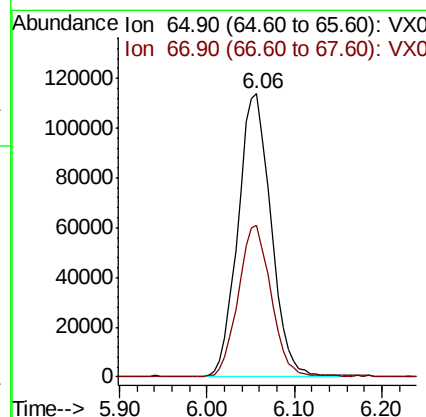
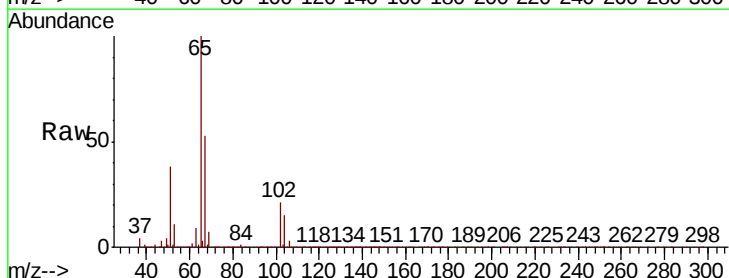
Instrument :
MSVOA_X
ClientSampleId :
MW-3

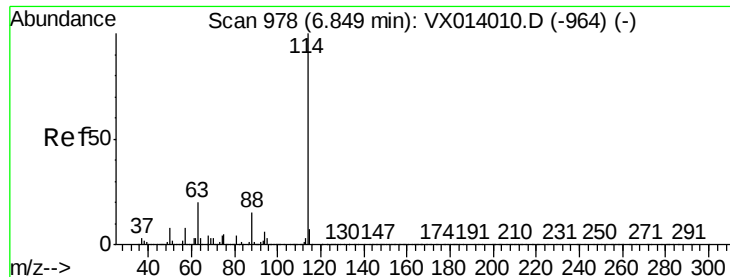
Tot Ion: 43 Resp: 29506
Ion Ratio Lower Upper
43 100
58 31.0 24.9 37.3



#33
1,2-Dichloroethane-d4
Concen: 49.418 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion: 65 Resp: 299075
Ion Ratio Lower Upper
65 100
67 52.8 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: VX014277.D

Acq: 26 Dec 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

MW-3

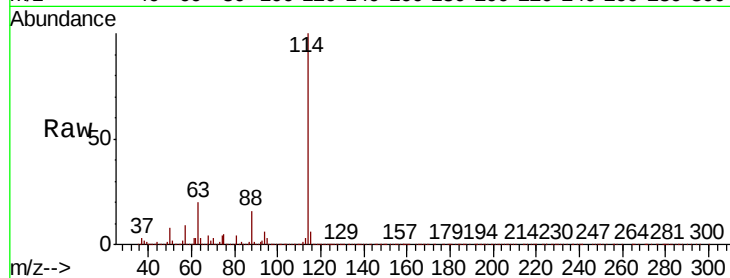
Tot Ion:114 Resp: 822739

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

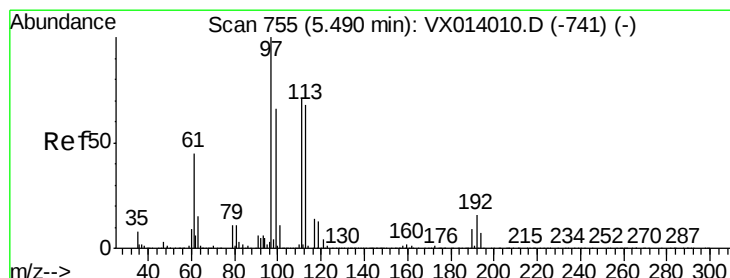
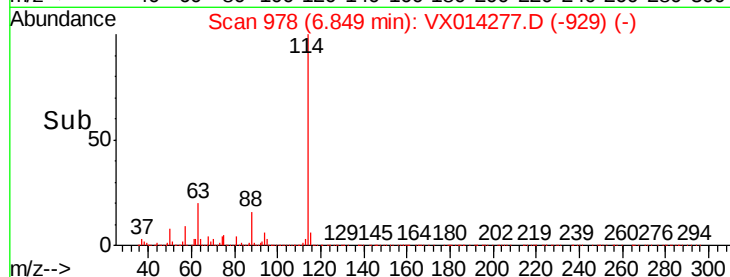
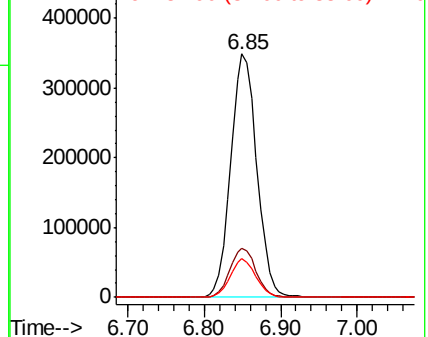
88 15.9 0.0 30.4



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: 49.222 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014277.D

Acq: 26 Dec 2019 18:17

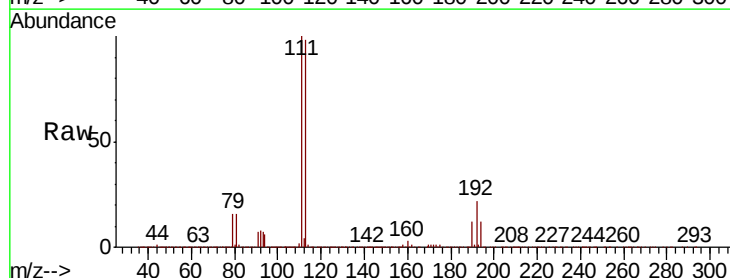
Tgt Ion:113 Resp: 246176

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

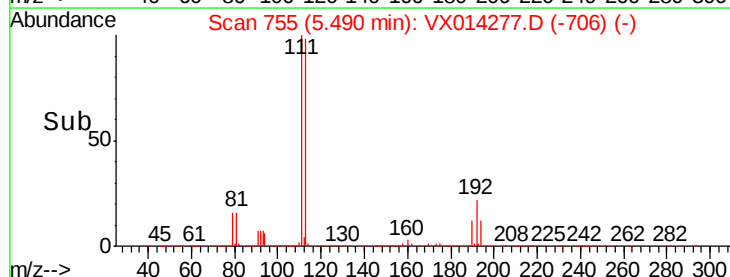
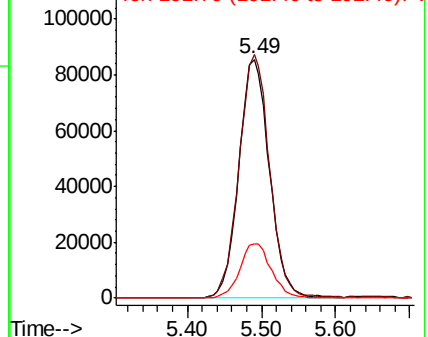
192 23.1 19.3 28.9

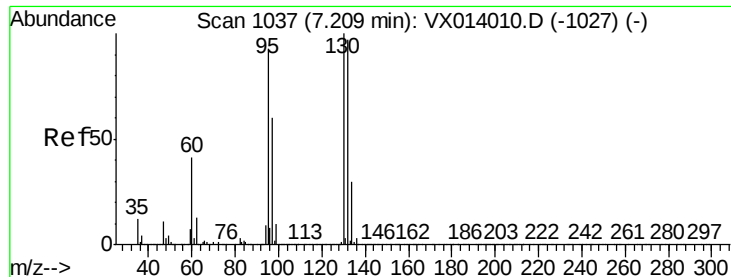


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 14.139 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014277.D

Acq: 26 Dec 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

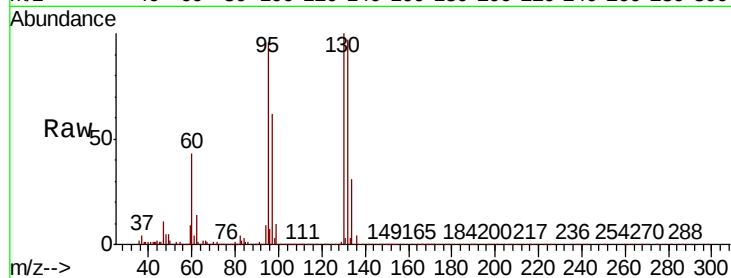
MW-3

Tot Ion:130 Resp: 90711

Ion Ratio Lower Upper

130 100

95 96.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

30000

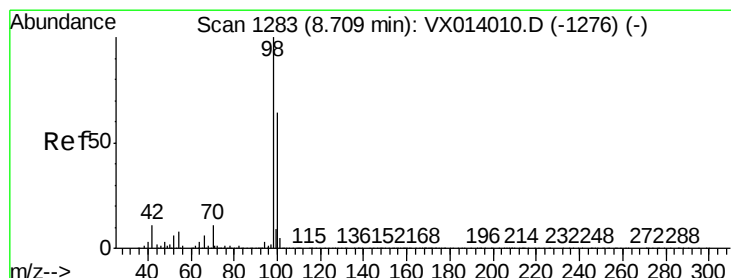
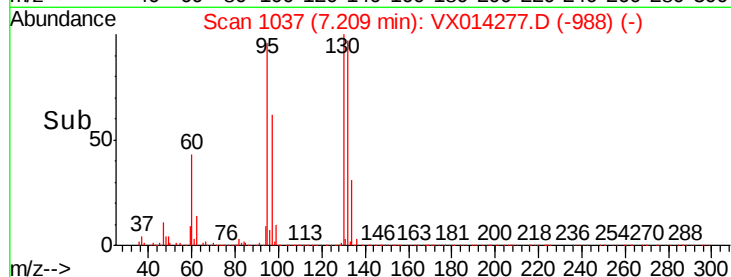
20000

10000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 50.376 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014277.D

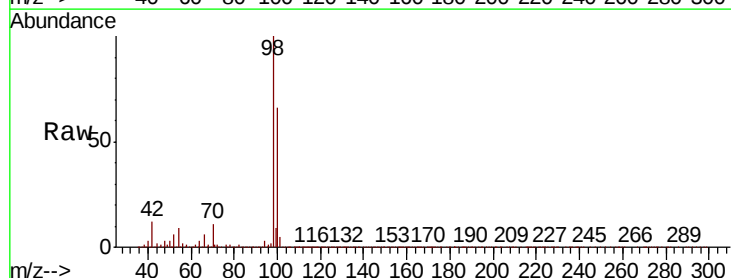
Acq: 26 Dec 2019 18:17

Tgt Ion: 98 Resp: 980885

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

600000

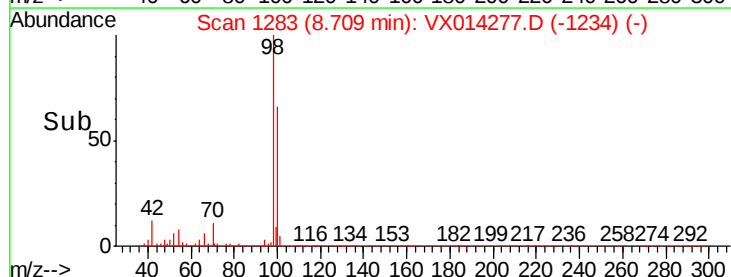
400000

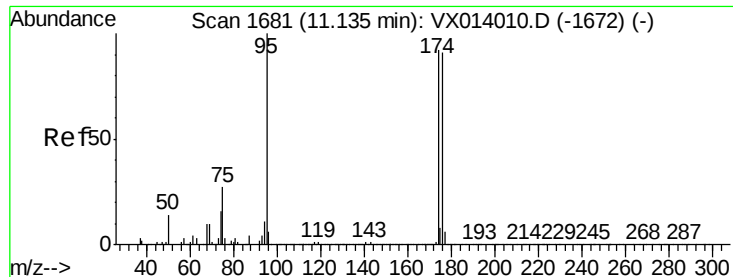
200000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 46.157 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014277.D

Acq: 26 Dec 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

MW-3

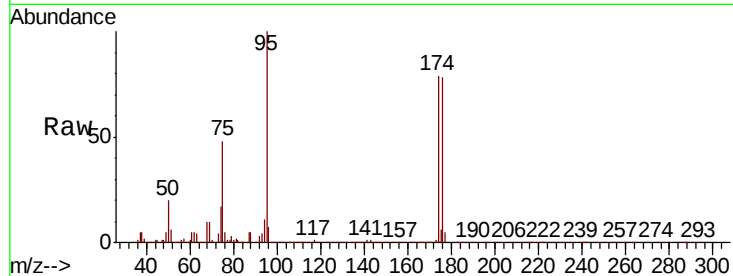
Tot Ion: 95 Resp: 328533

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

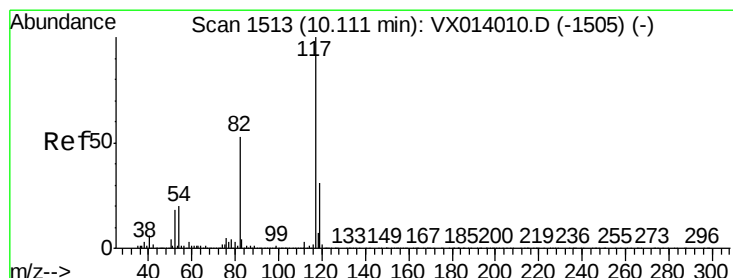
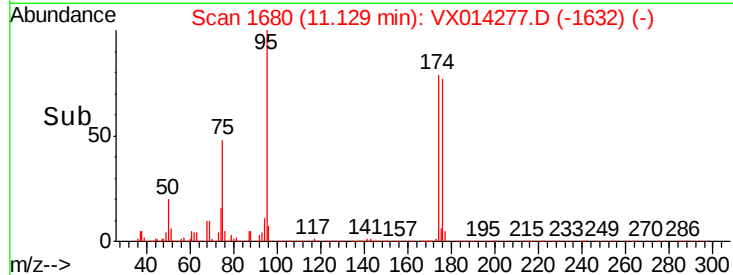
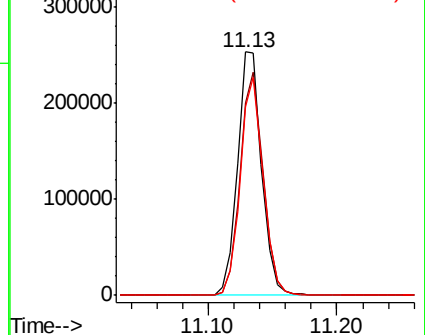
176 85.4 0.0 173.0



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: VX014277.D

Acq: 26 Dec 2019 18:17

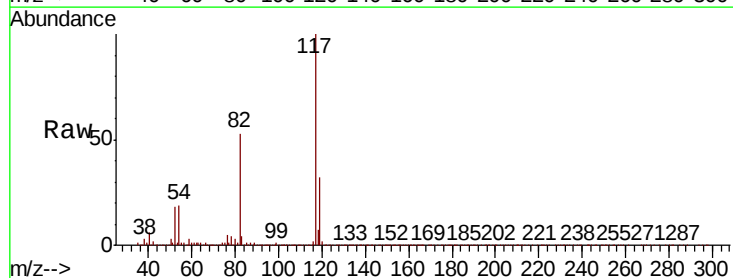
Tgt Ion: 117 Resp: 742973

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

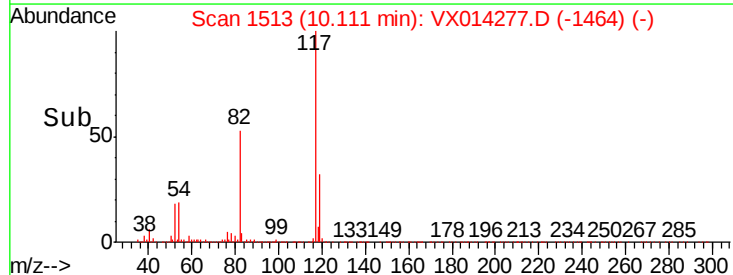
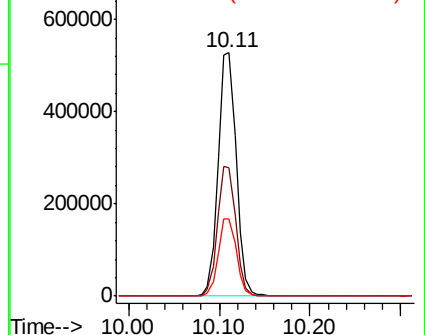
119 31.7 25.1 37.7

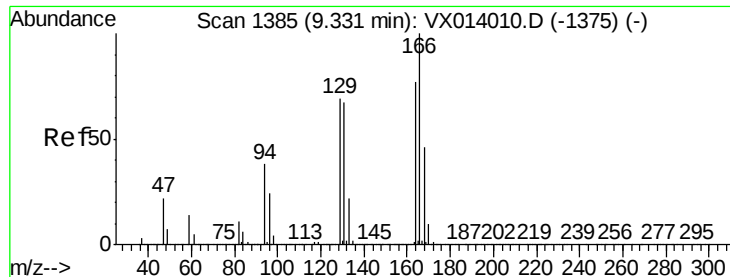


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 9.232 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014277.D

Acq: 26 Dec 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion:164 Resp: 60698

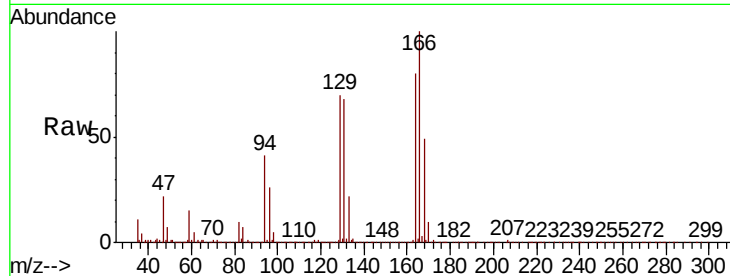
Ion Ratio Lower Upper

164 100

166 124.4 104.0 156.0

129 87.4 72.2 108.4

131 84.4 69.6 104.4

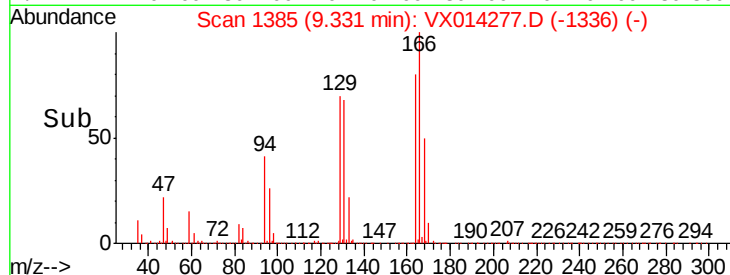


Abundance Ion 163.80 (163.50 to 164.50): V

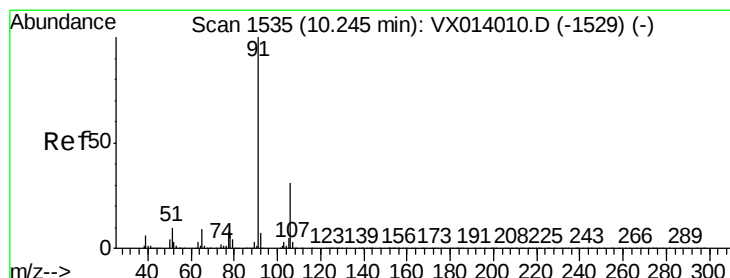
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#67

Ethyl Benzene

Concen: 0.378 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014277.D

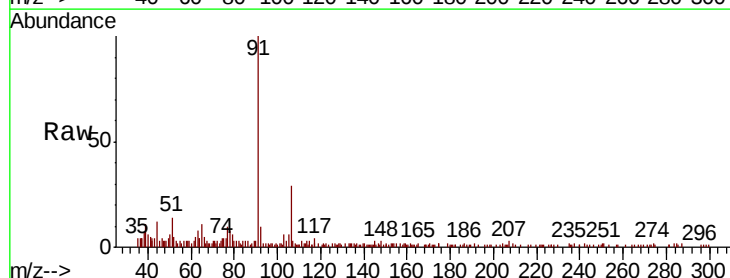
Acq: 26 Dec 2019 18:17

Tgt Ion: 91 Resp: 10265

Ion Ratio Lower Upper

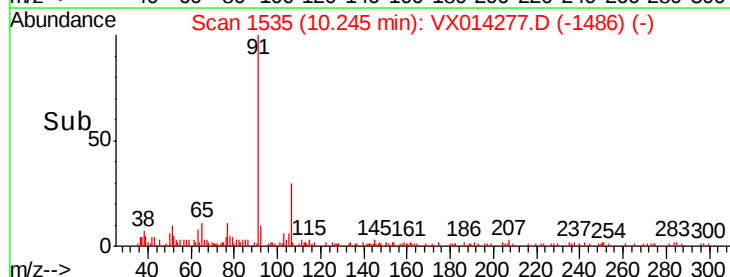
91 100

106 27.9 25.0 37.6

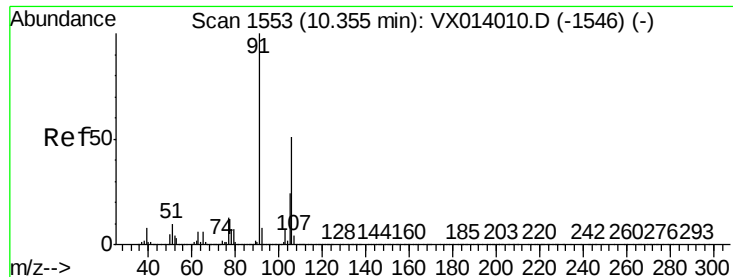


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 0.750 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014277.D

Acq: 26 Dec 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

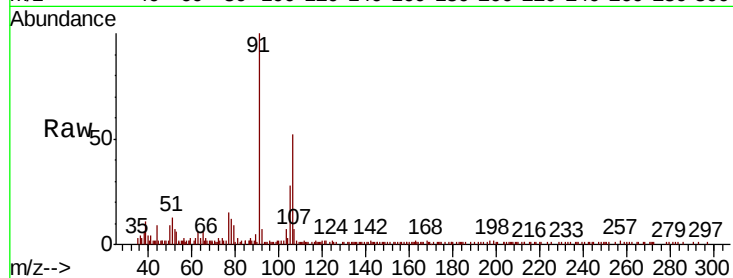
MW-3

Tot Ion:106 Resp: 7839

Ion Ratio Lower Upper

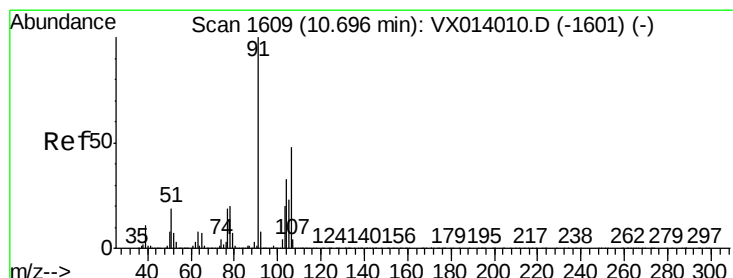
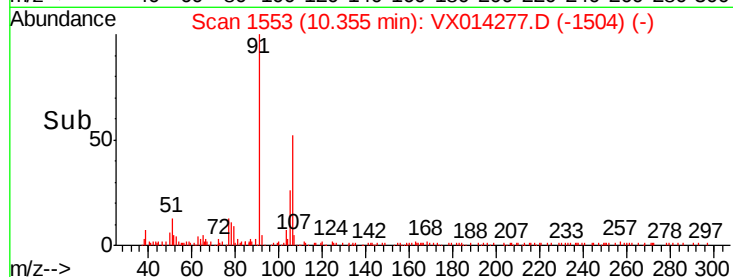
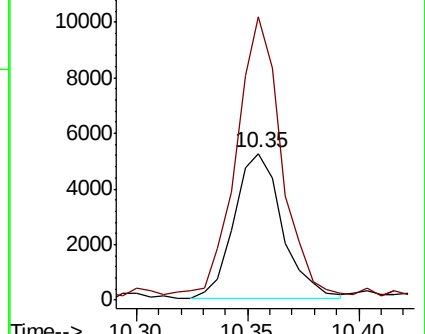
106 100

91 181.7 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.427 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014277.D

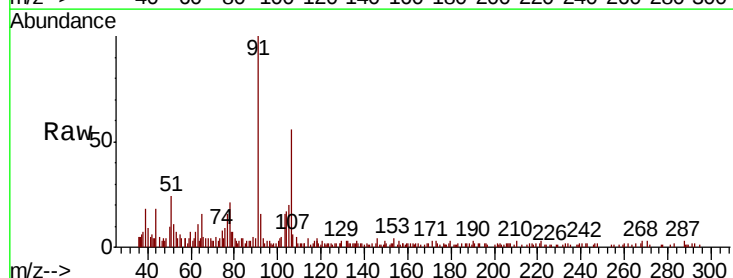
Acq: 26 Dec 2019 18:17

Tgt Ion:106 Resp: 4378

Ion Ratio Lower Upper

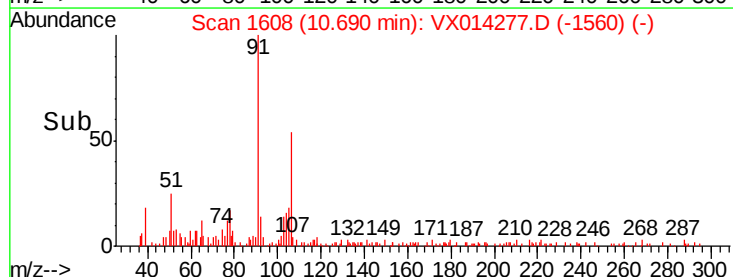
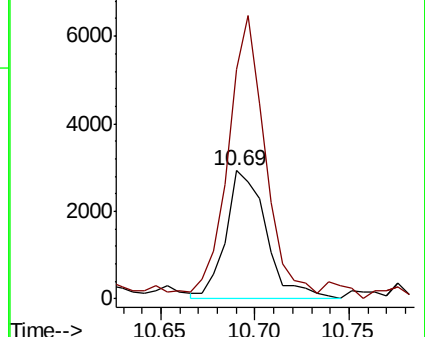
106 100

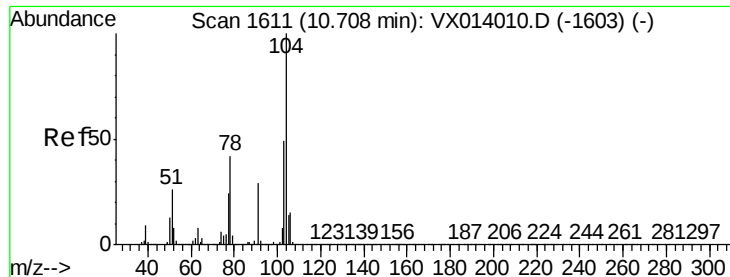
91 200.5 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

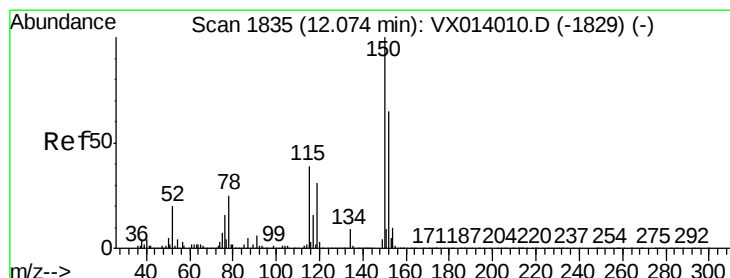
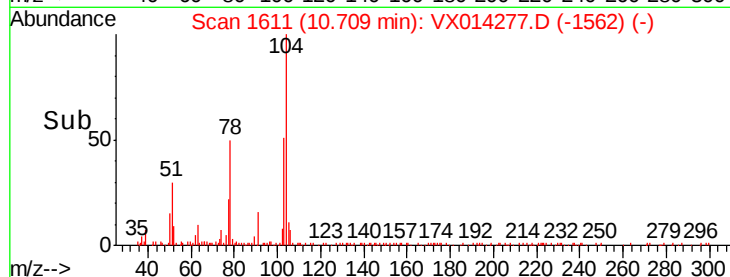
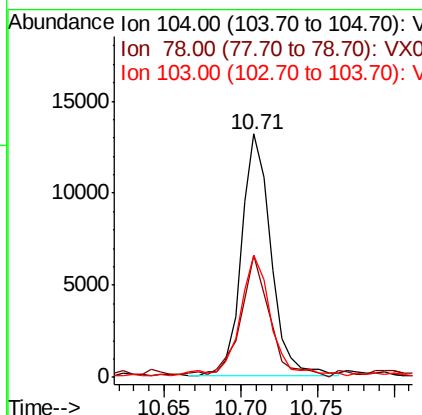
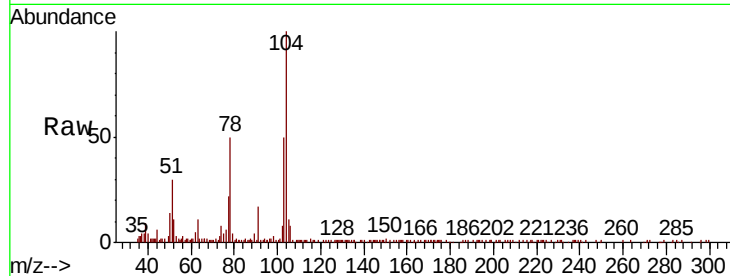




#70
Stvrene
Concen: 1.005 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014277.D
Acq: 26 Dec 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.9	38.5	57.7
103	55.8	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: VX014277.D
Acq: 26 Dec 2019 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.3	114.9
150	153.8	0.0	345.4

