

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014278.D
 Acq On : 26 Dec 2019 18:41
 Operator : JC/SP
 Sample : K6420-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Dec 27 07:19:25 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

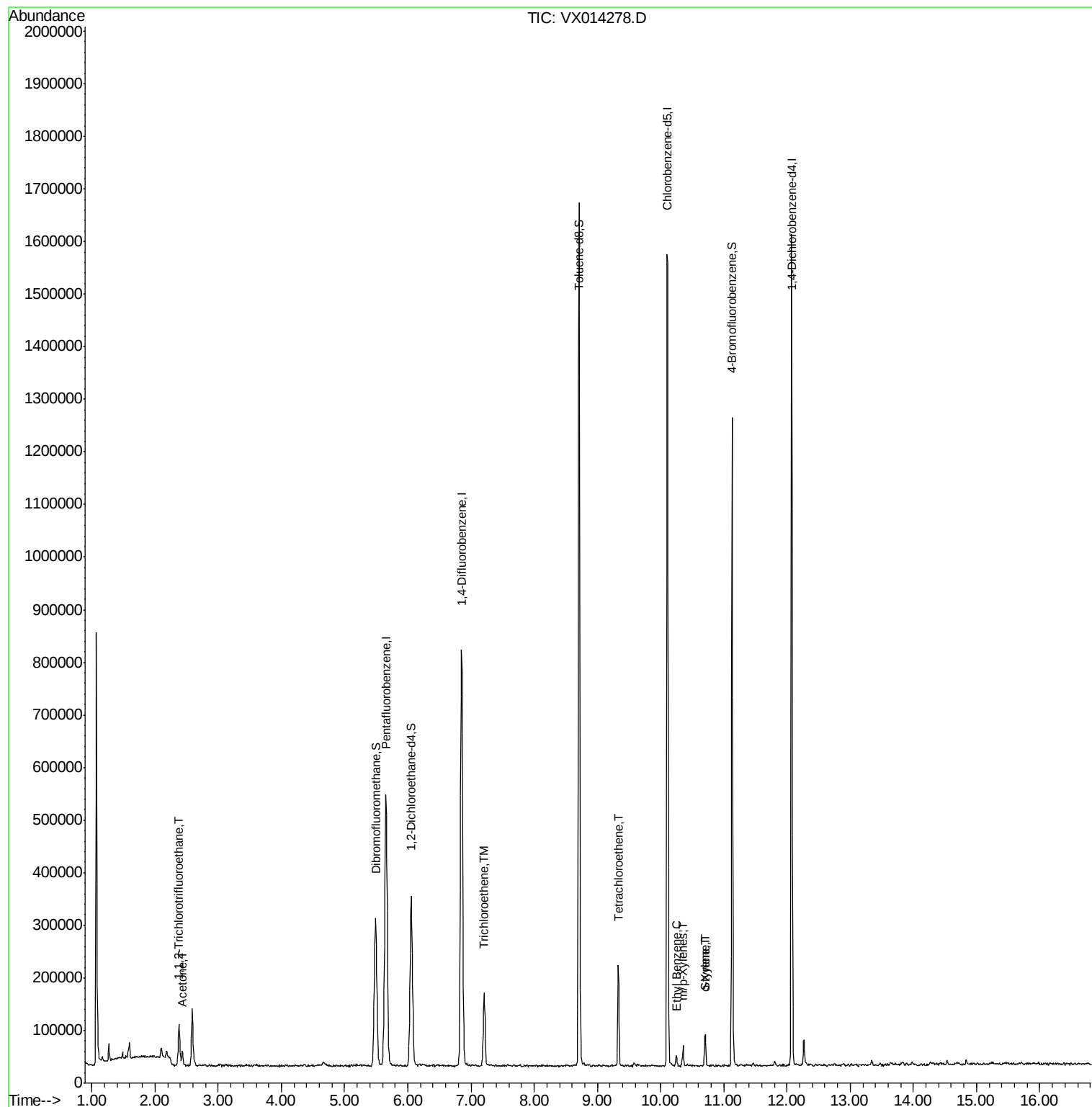
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	825464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	734560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	297551	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	5.49	113	245818	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	8.71	98	981294	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	331767	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33988	6.727	ug/l	98
16) Acetone	2.43	43	27833	7.078	ug/l	97
44) Trichloroethene	7.21	130	57882	8.992	ug/l	99
64) Tetrachloroethene	9.33	164	39516	6.079	ug/l	88
67) Ethyl Benzene	10.25	91	12656	0.471	ug/l	98
68) m/p-Xylenes	10.36	106	9760	0.945	ug/l	100
69) o-Xylene	10.70	106	5059	0.499	ug/l	96
70) Styrene	10.71	104	23698	1.384	ug/l	94

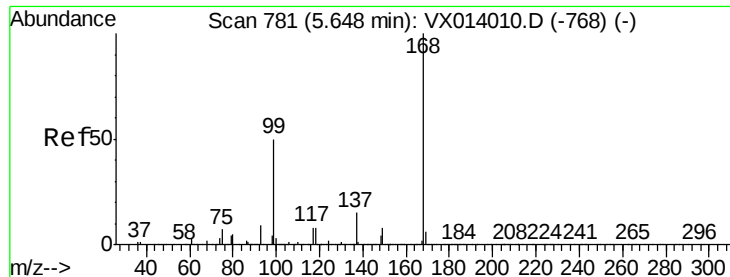
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122619\
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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: VX014278.D

Acq: 26 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

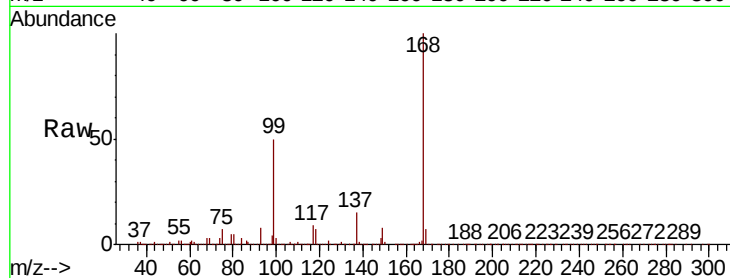
MW-1

Tot Ion:168 Resp: 534462

Ion Ratio Lower Upper

168 100

99 50.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

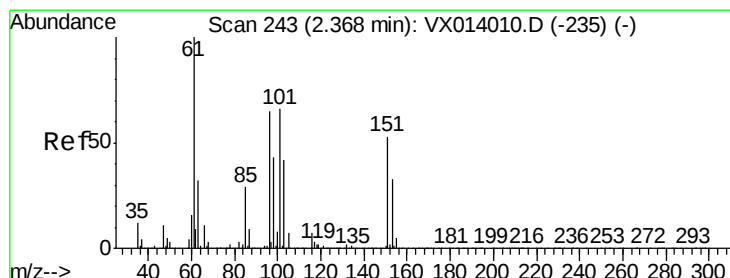
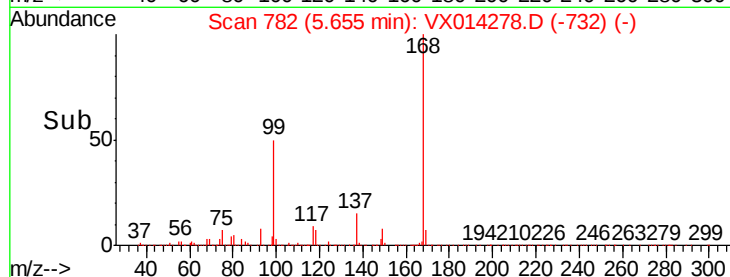
100000

50000

0

5.65

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.727 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014278.D

Acq: 26 Dec 2019 18:41

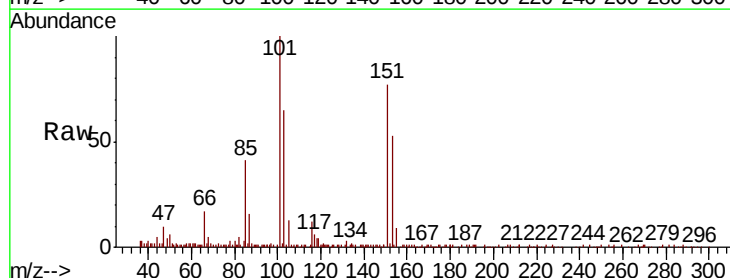
Tgt Ion:101 Resp: 33988

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

151 79.5 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

20000

15000

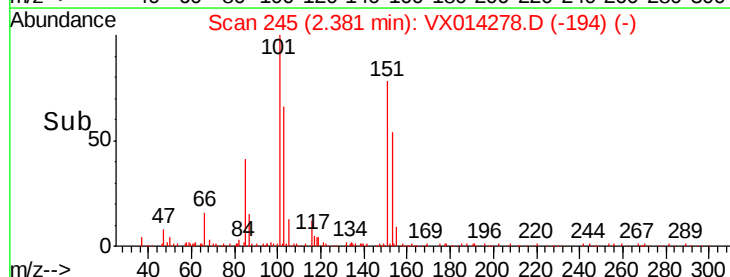
10000

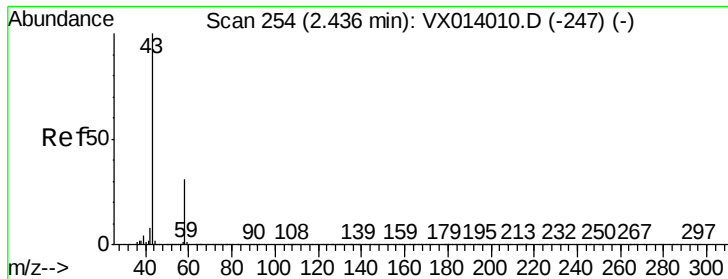
5000

0

2.38

2.30 2.35 2.40 2.45 2.50





#16

Acetone

Concen: 7.078 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014278.D

Acq: 26 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

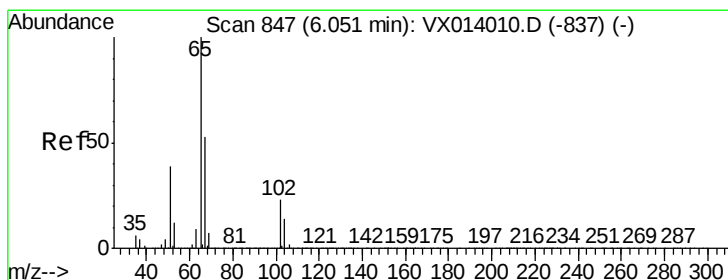
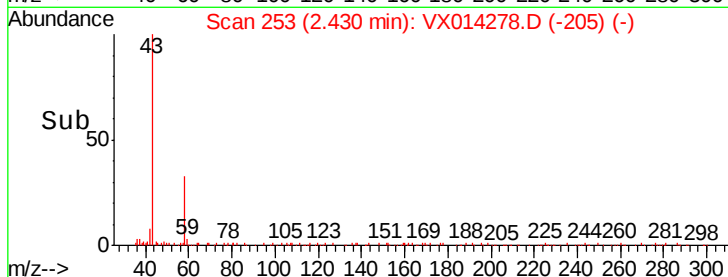
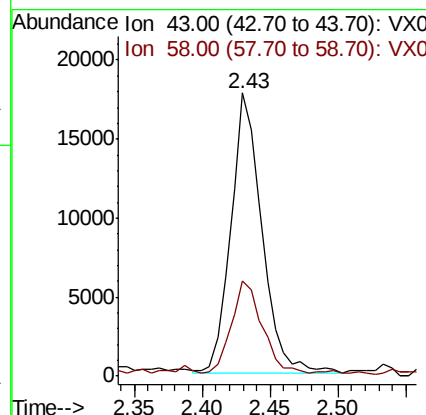
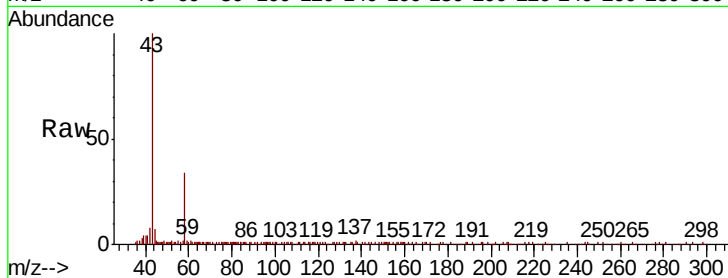
MW-1

Tot Ion: 43 Resp: 27833

Ion Ratio Lower Upper

43 100

58 32.8 24.9 37.3



#33

1,2-Dichloroethane-d4

Concen: 49.122 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014278.D

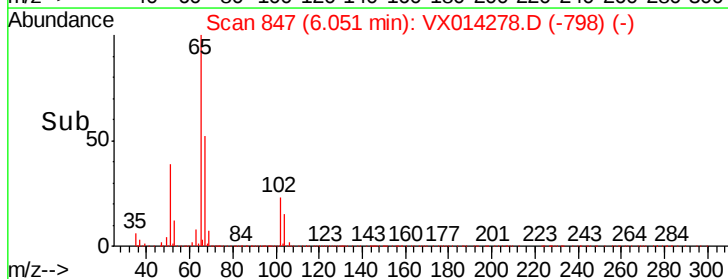
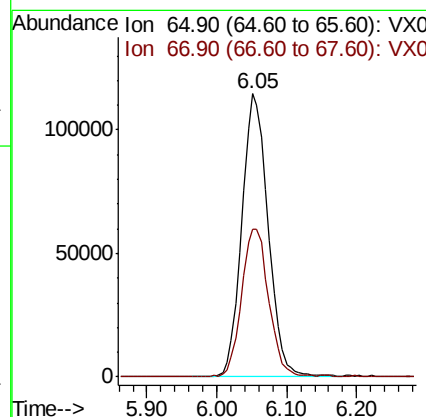
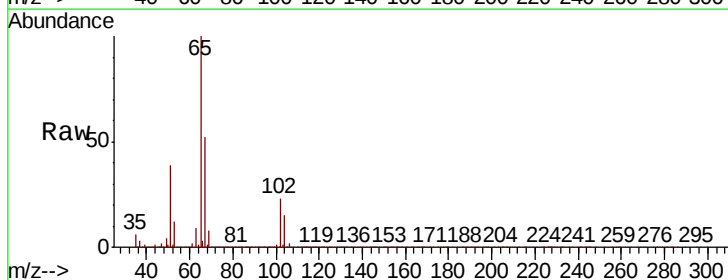
Acq: 26 Dec 2019 18:41

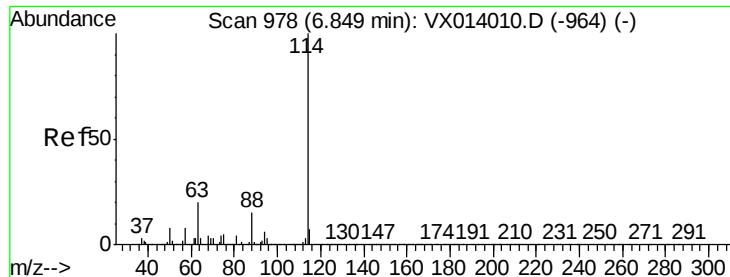
Tgt Ion: 65 Resp: 297551

Ion Ratio Lower Upper

65 100

67 53.5 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: VX014278.D

Acq: 26 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

MW-1

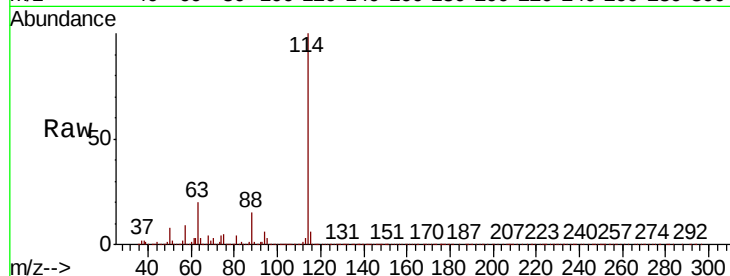
Tot Ion:114 Resp: 825464

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

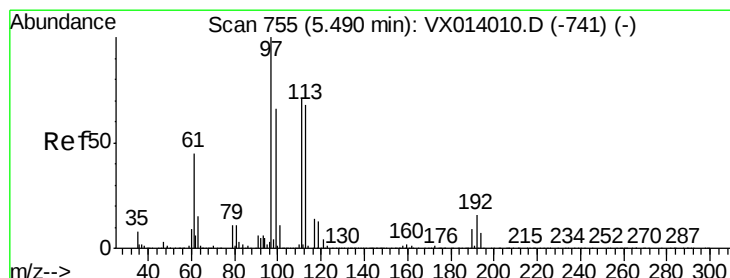
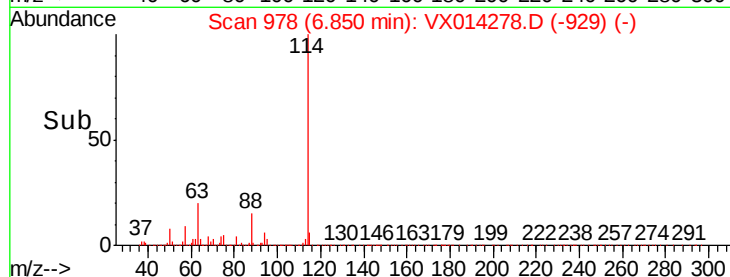
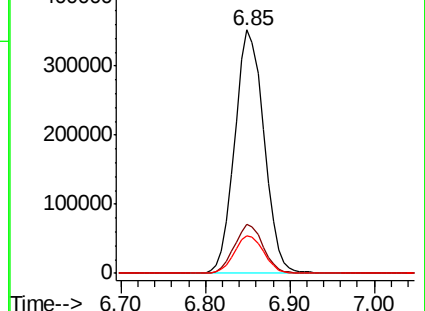
88 15.2 0.0 30.4



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: 48.988 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014278.D

Acq: 26 Dec 2019 18:41

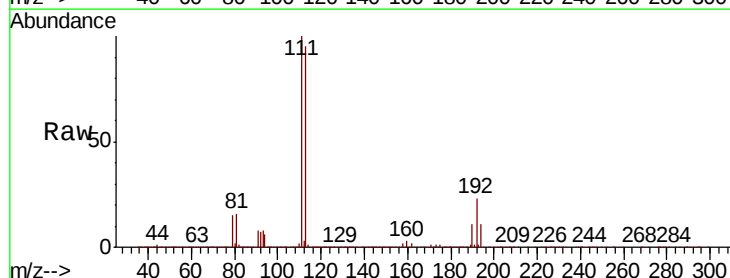
Tgt Ion:113 Resp: 245818

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

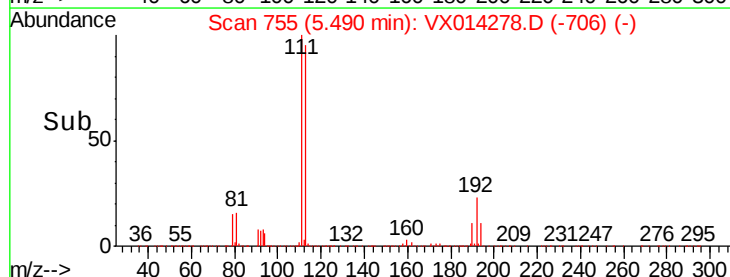
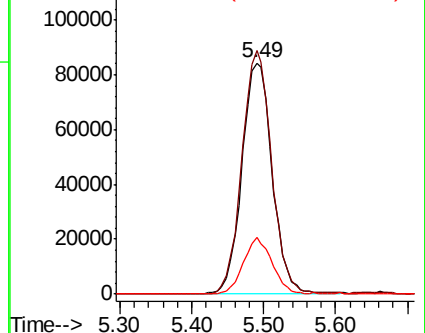
192 23.5 19.3 28.9

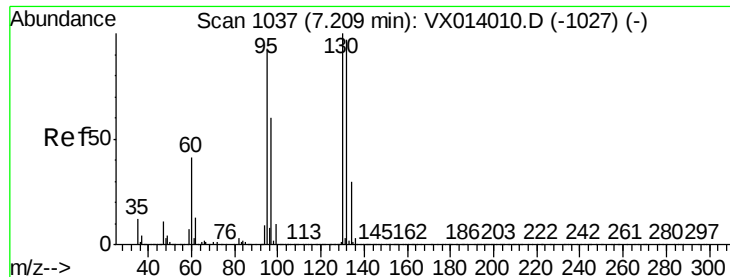


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.992 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014278.D

Acq: 26 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

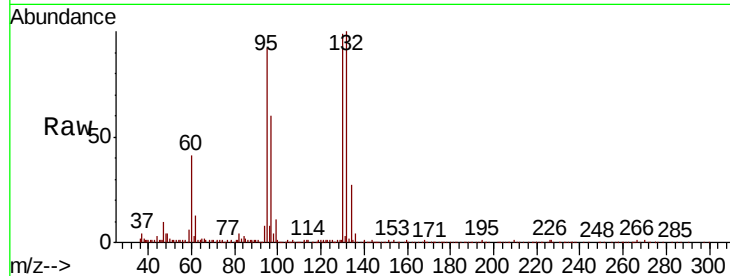
MW-1

Tot Ion:130 Resp: 57882

Ion Ratio Lower Upper

130 100

95 92.0 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

30000

25000

20000

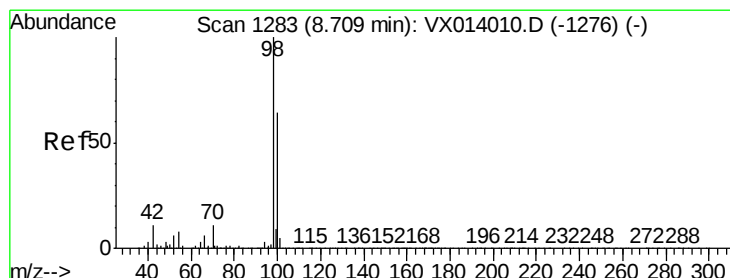
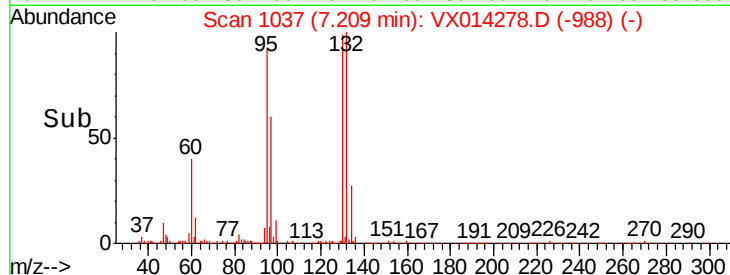
15000

10000

5000

0

Time-->



#50

Toluene-d8

Concen: 50.230 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014278.D

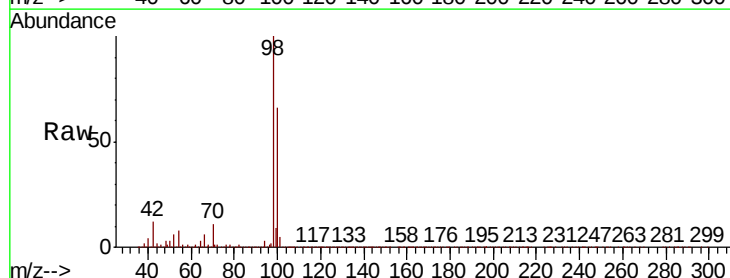
Acq: 26 Dec 2019 18:41

Tgt Ion: 98 Resp: 981294

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

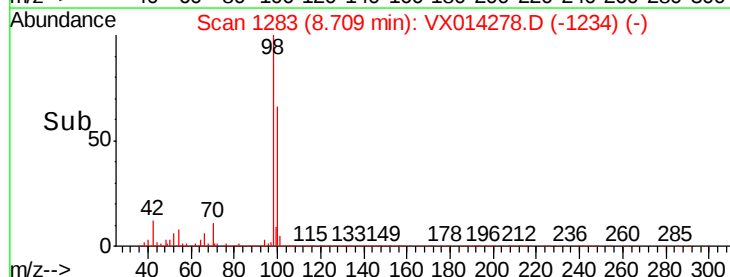
600000

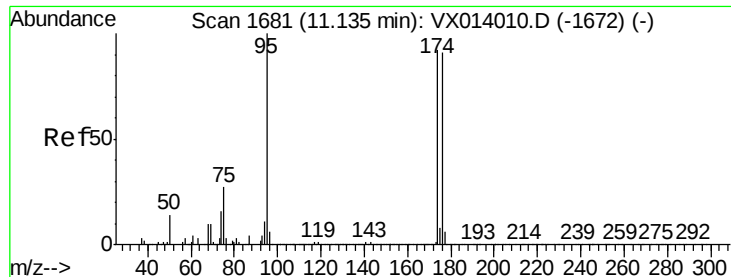
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.458 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014278.D

Acq: 26 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

MW-1

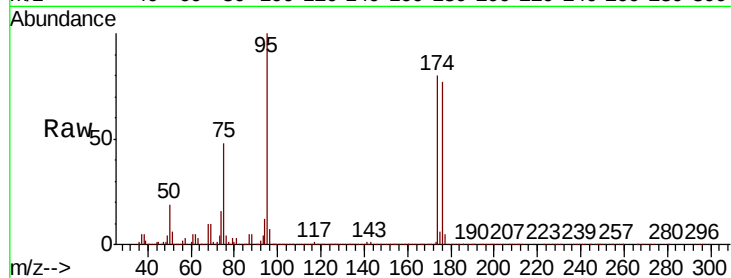
Tot Ion: 95 Resp: 331767

Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.8

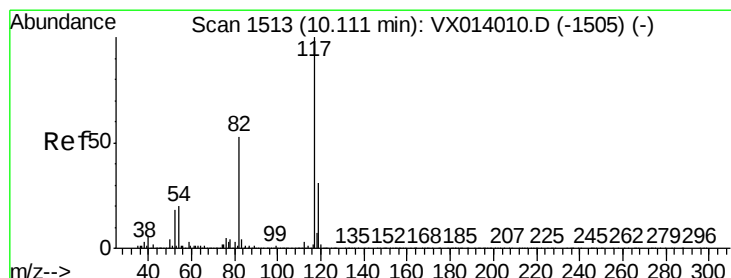
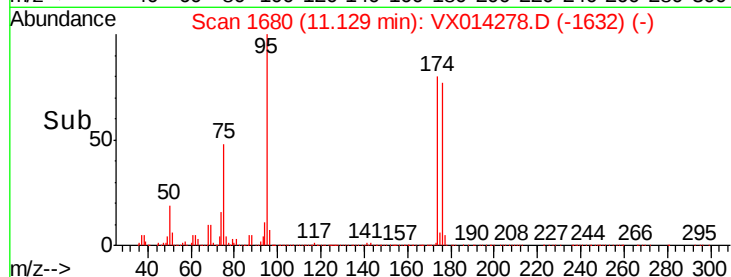
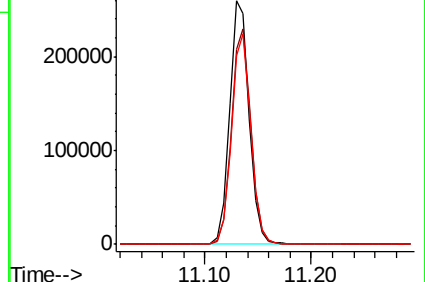
176 86.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014278.D

Acq: 26 Dec 2019 18:41

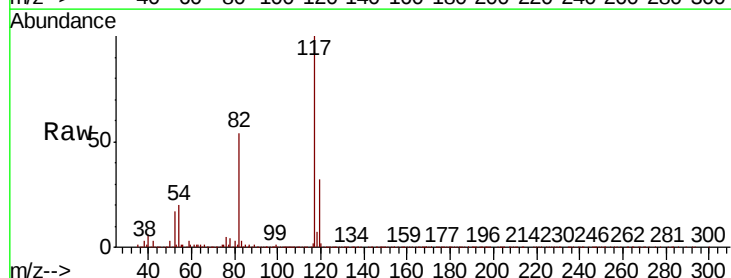
Tgt Ion: 117 Resp: 734560

Ion Ratio Lower Upper

117 100

82 53.6 42.2 63.4

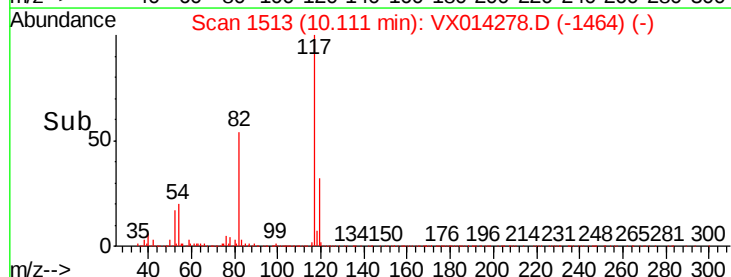
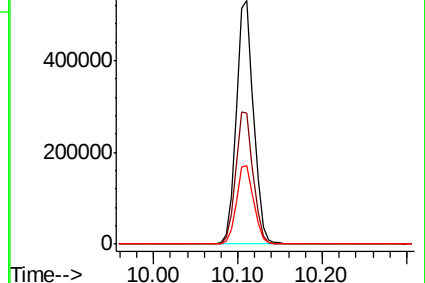
119 32.2 25.1 37.7

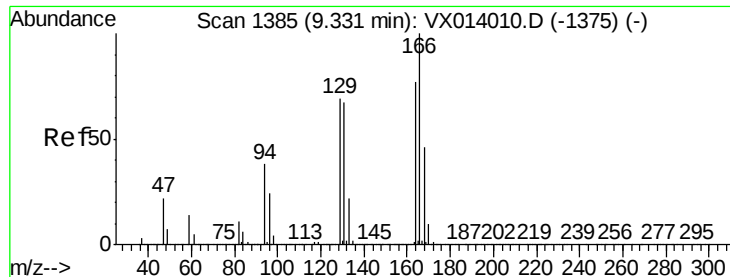


Abundance Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)





#64

Tetrachloroethene

Concen: 6.079 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014278.D

Acq: 26 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tot Ion:164 Resp: 39516

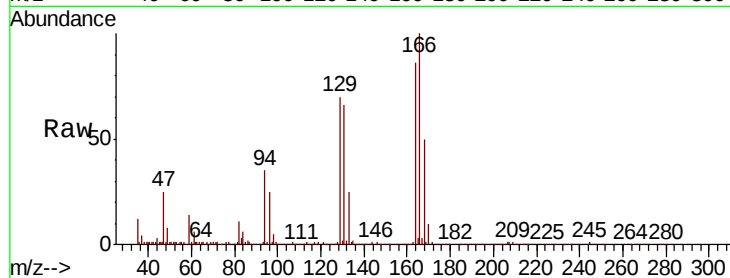
Ion Ratio Lower Upper

164 100

166 115.8 104.0 156.0

129 79.9 72.2 108.4

131 76.4 69.6 104.4

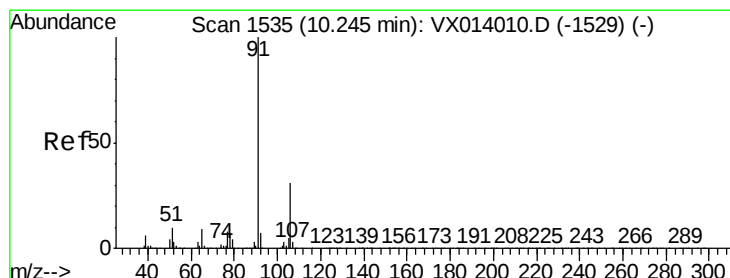
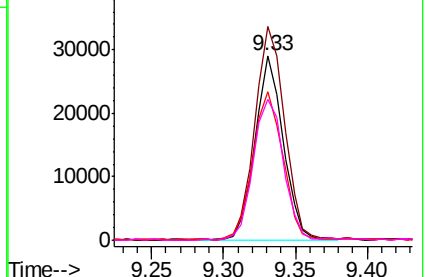
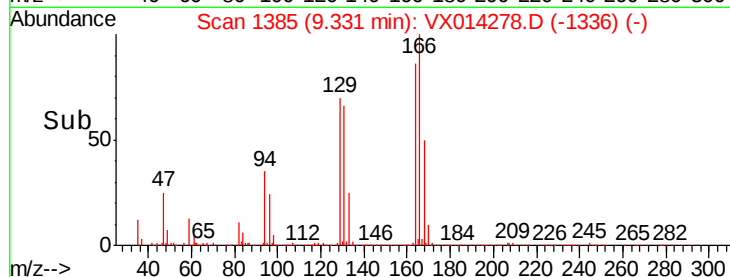


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 0.471 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX014278.D

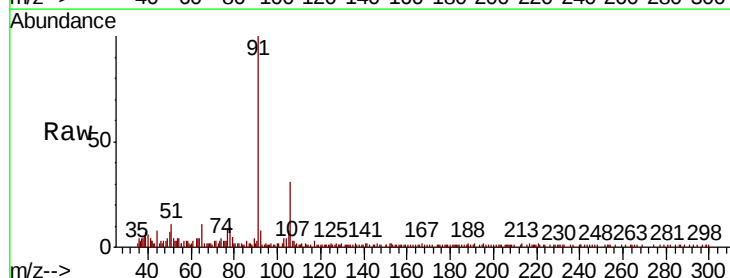
Acq: 26 Dec 2019 18:41

Tgt Ion: 91 Resp: 12656

Ion Ratio Lower Upper

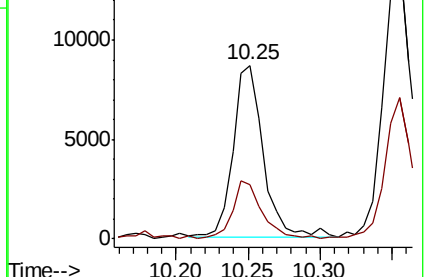
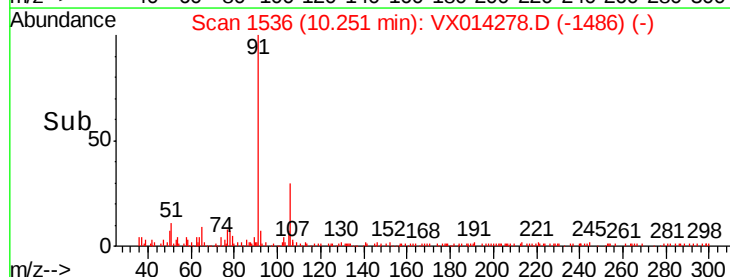
91 100

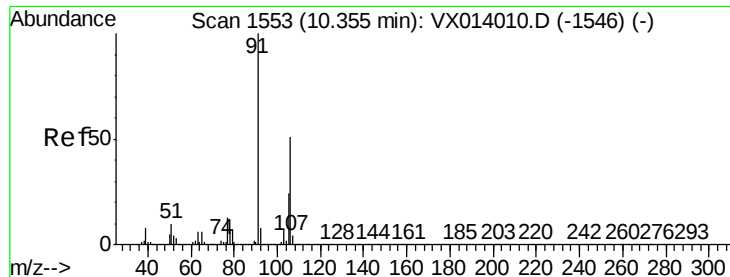
106 30.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.945 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014278.D

Acq: 26 Dec 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

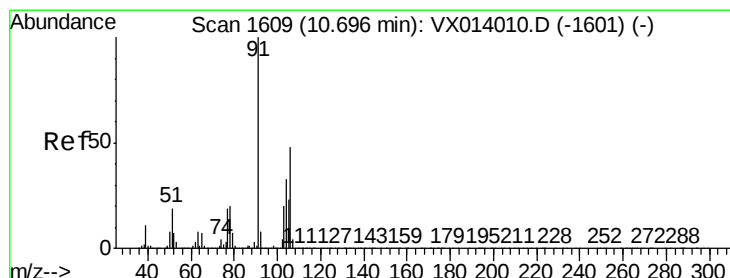
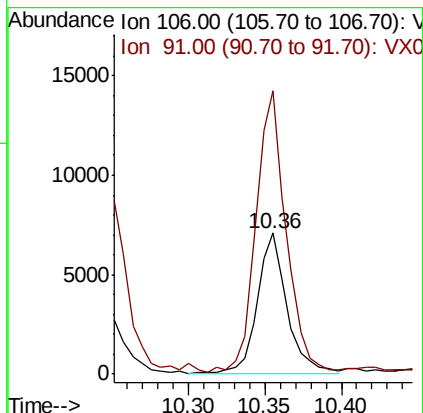
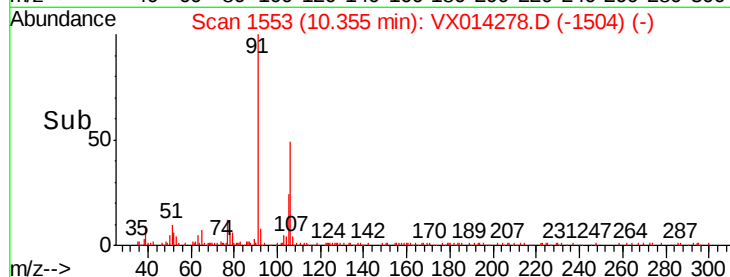
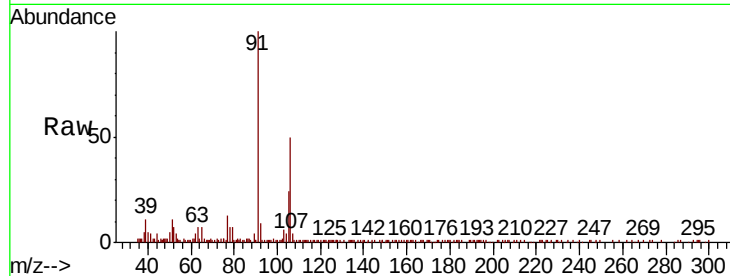
MW-1

Tot Ion:106 Resp: 9760

Ion Ratio Lower Upper

106 100

91 198.6 158.6 238.0



#69

o-Xylene

Concen: 0.499 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014278.D

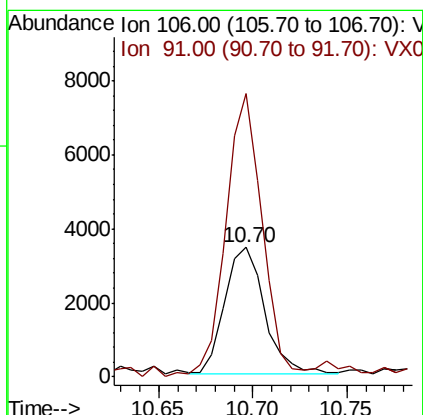
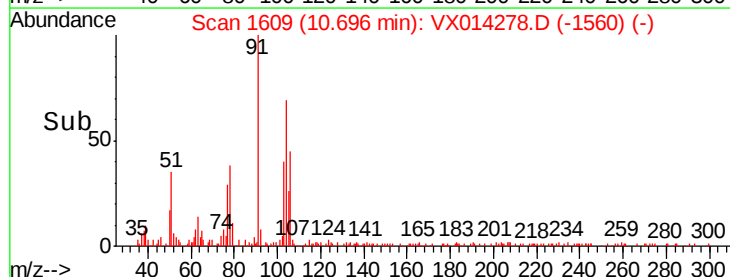
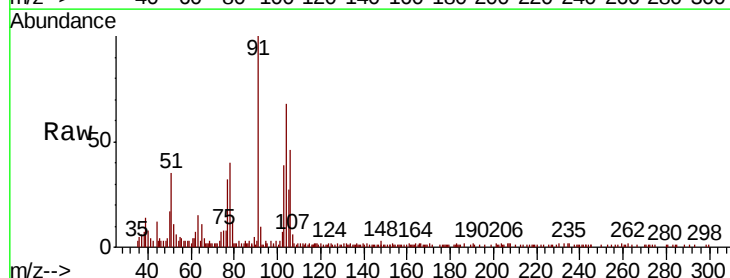
Acq: 26 Dec 2019 18:41

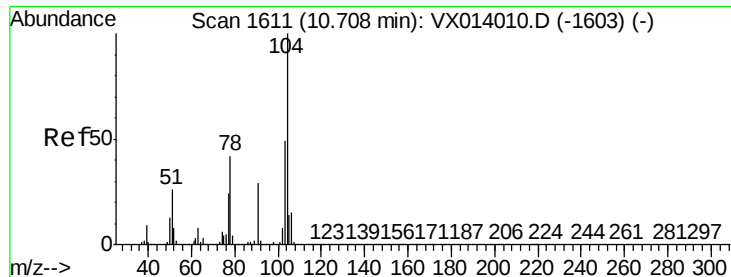
Tgt Ion:106 Resp: 5059

Ion Ratio Lower Upper

106 100

91 202.1 104.2 312.6

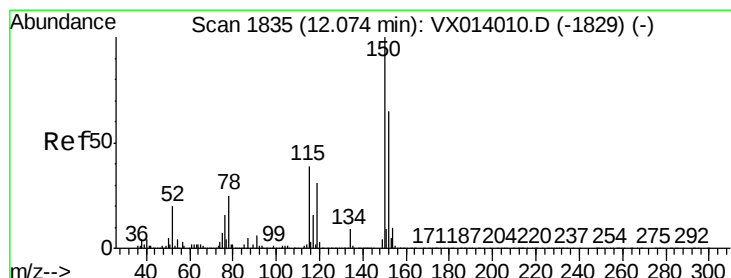
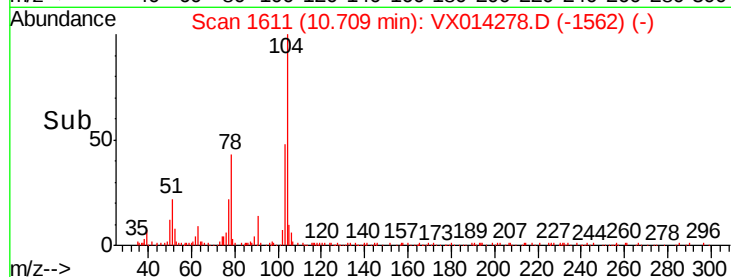
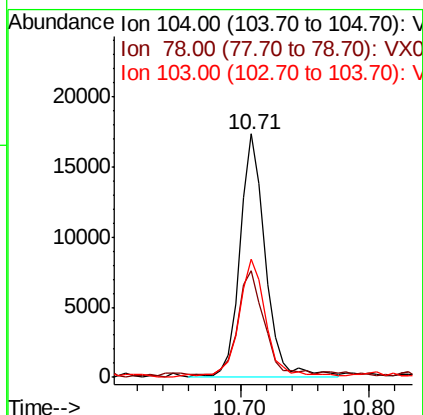
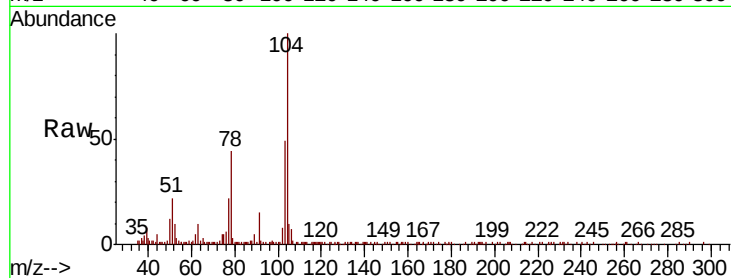




#70
Stvrene
Concen: 1.384 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014278.D
Acq: 26 Dec 2019 18:41

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion:104 Resp: 23698
Ion Ratio Lower Upper
104 100
78 44.1 38.5 57.7
103 49.9 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: VX014278.D
Acq: 26 Dec 2019 18:41

Tgt Ion:152 Resp: 331045
Ion Ratio Lower Upper
152 100
115 56.2 38.3 114.9
150 158.1 0.0 345.4

