

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018606.D
 Acq On : 25 Sep 2020 19:17
 Operator : JC/SP
 Sample : L4140-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Sep 28 09:37:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

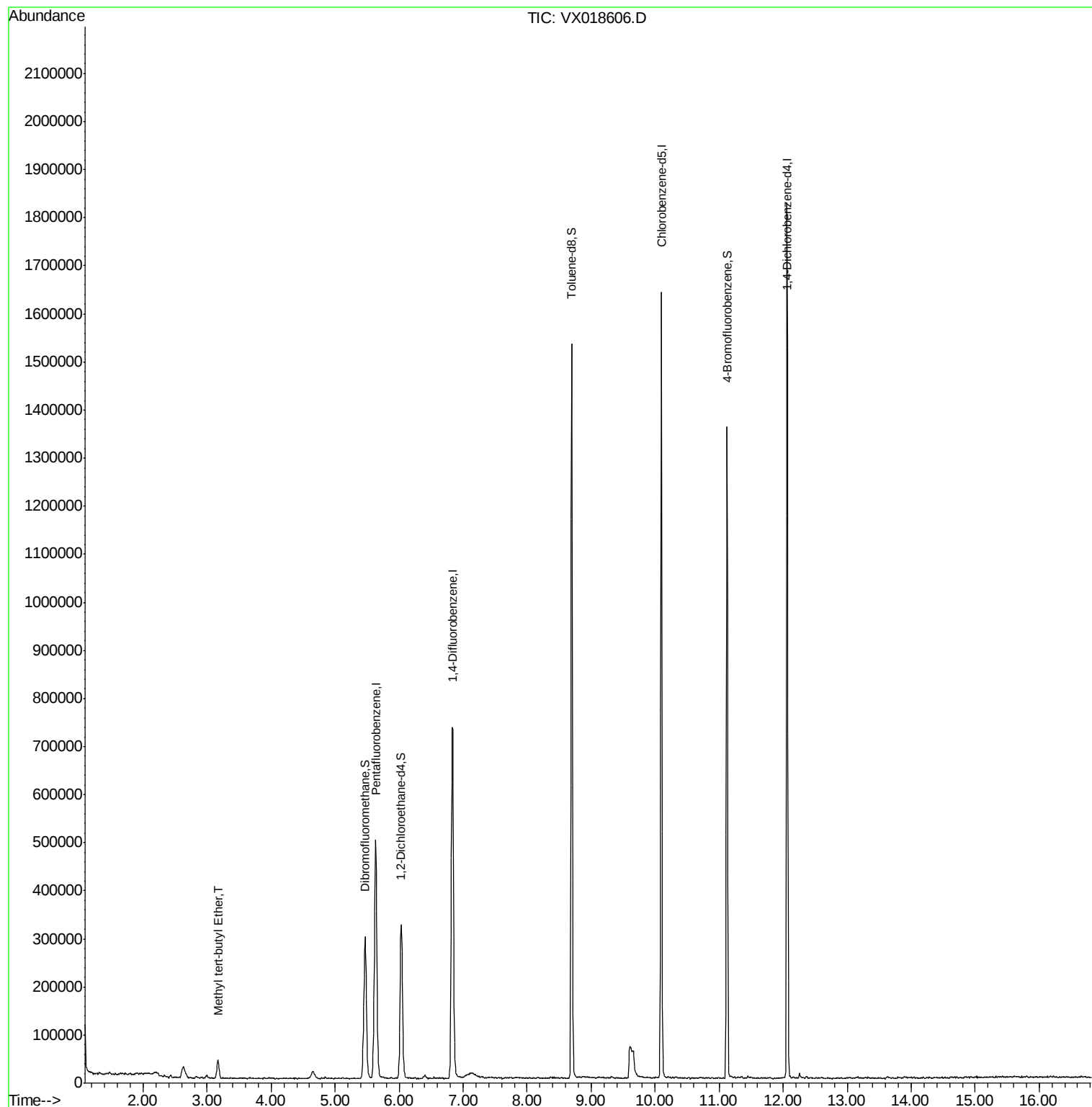
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	455464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	717038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	718287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	359887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	325202	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	5.47	113	253909	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	8.70	98	890062	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.12	95	347887	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
19) Methyl tert-butyl Ether	3.17	73	41423	2.675	ug/l	Qvalue 94

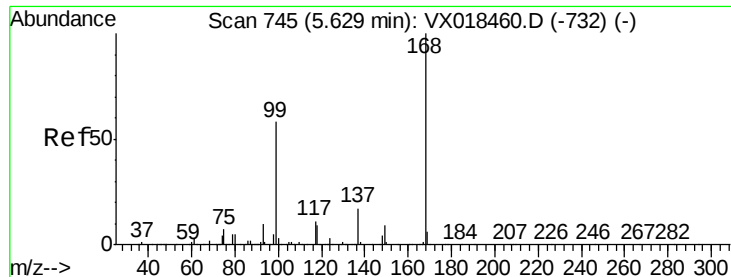
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018606.D

Acq: 25 Sep 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

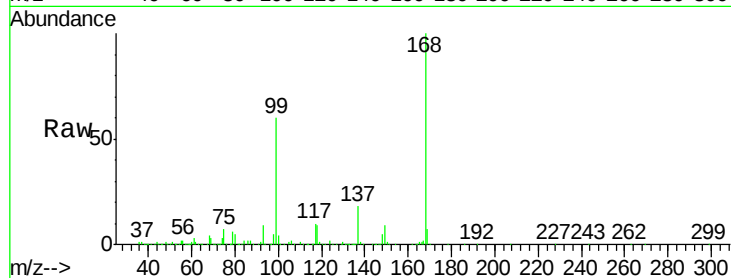
MW-4

Tot Ion:168 Resp: 455464

Ion Ratio Lower Upper

168 100

99 59.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

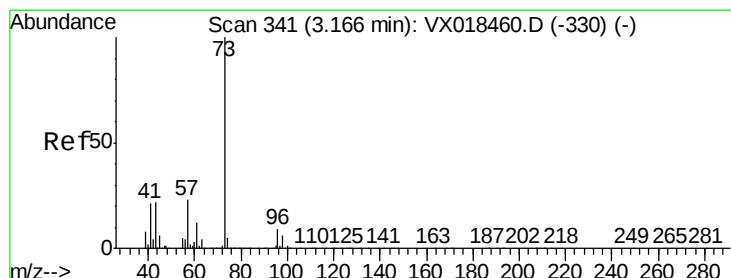
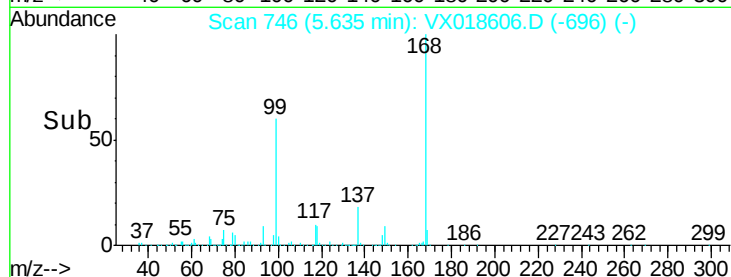
150000

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 2.675 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX018606.D

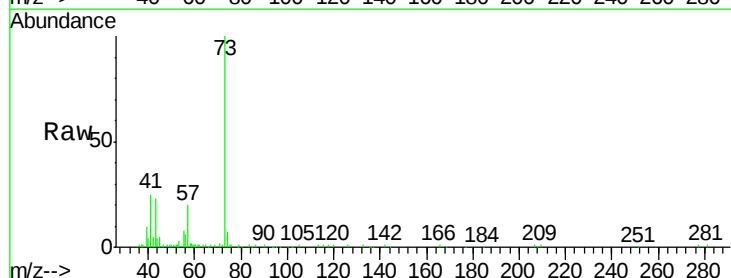
Acq: 25 Sep 2020 19:17

Tgt Ion: 73 Resp: 41423

Ion Ratio Lower Upper

73 100

57 19.8 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

20000

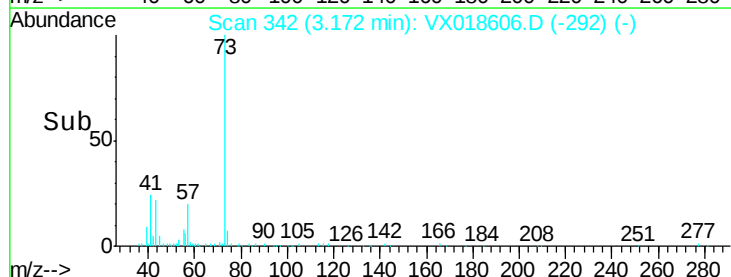
15000

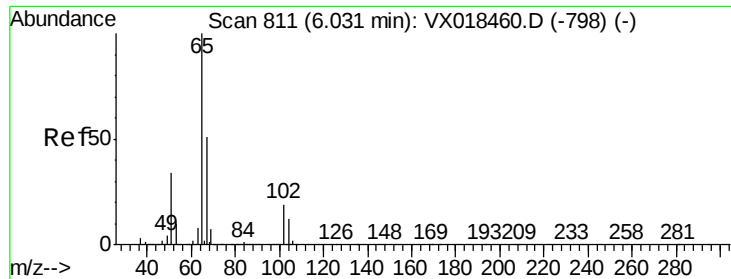
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.472 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018606.D

Acq: 25 Sep 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

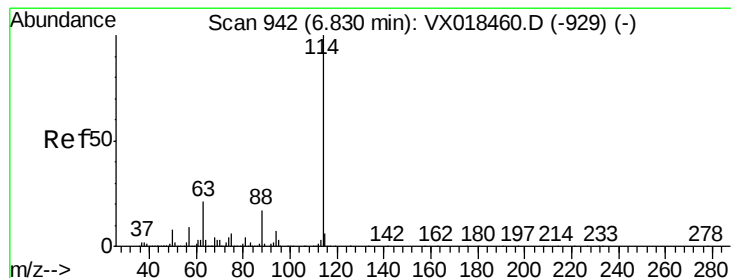
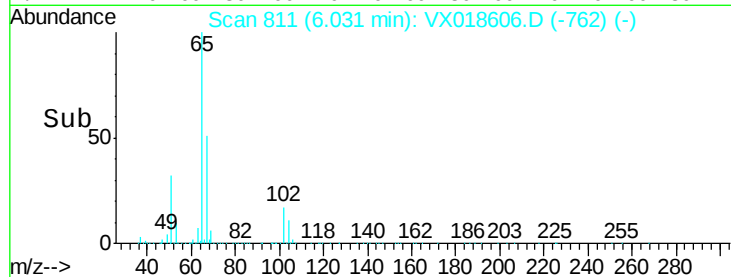
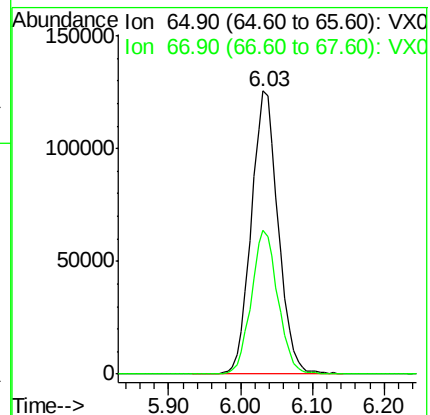
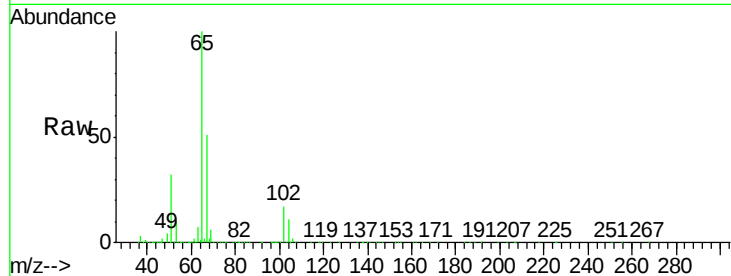
MW-4

Tot Ion: 65 Resp: 325202

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018606.D

Acq: 25 Sep 2020 19:17

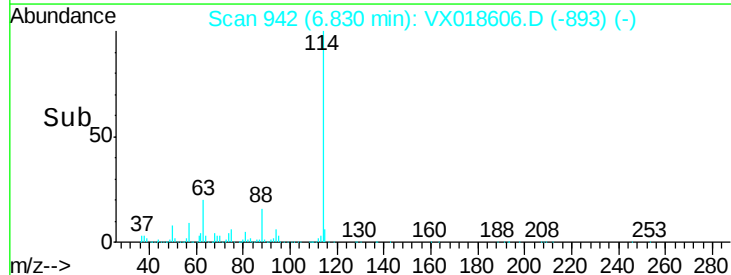
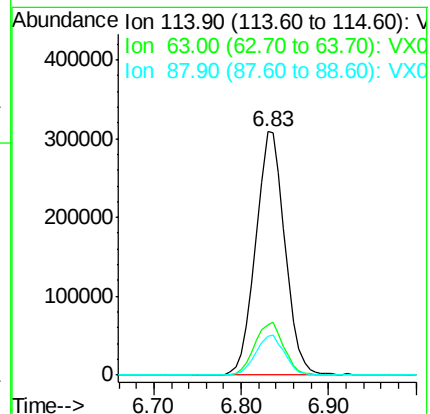
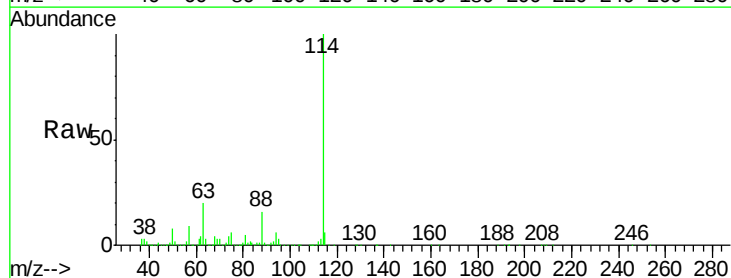
Tgt Ion: 114 Resp: 717038

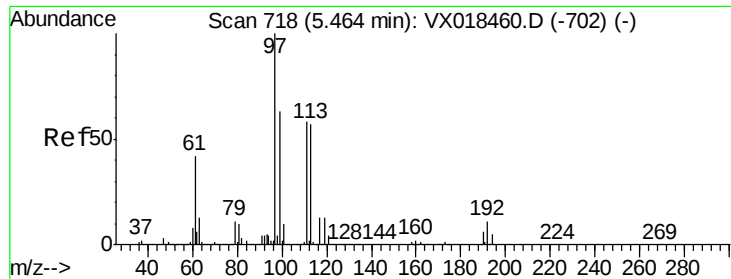
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.222 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018606.D

Acq: 25 Sep 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

MW-4

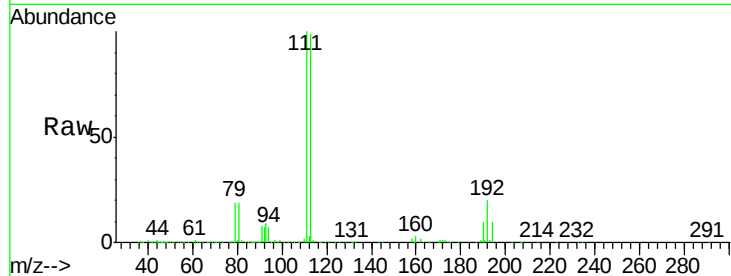
Tot Ion:113 Resp: 253909

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.2

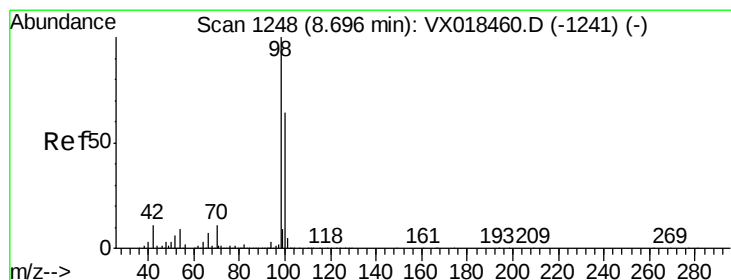
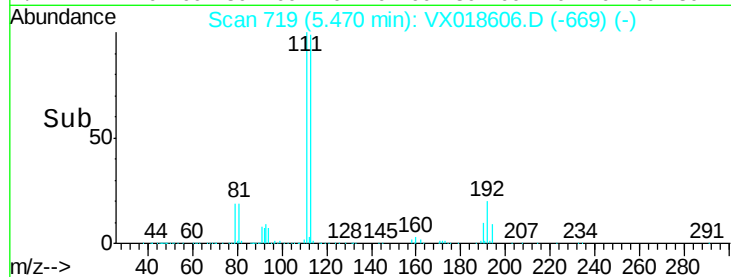
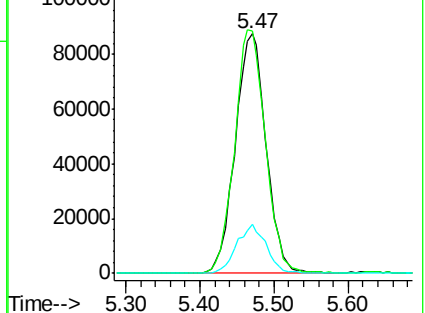
192 19.7 16.6 24.8



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



#50

Toluene-d8

Concen: 49.419 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018606.D

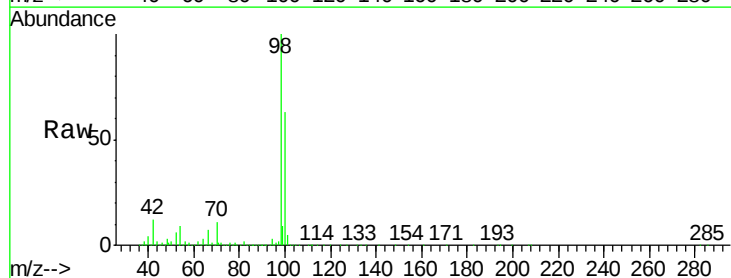
Acq: 25 Sep 2020 19:17

Tgt Ion: 98 Resp: 890062

Ion Ratio Lower Upper

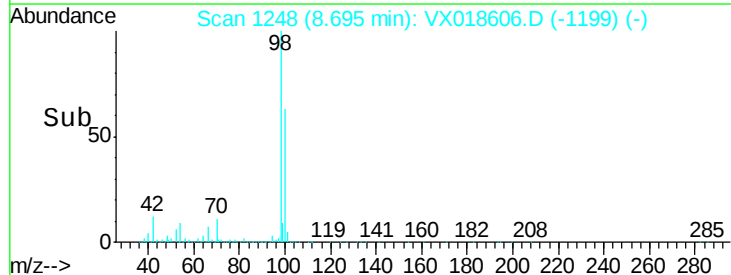
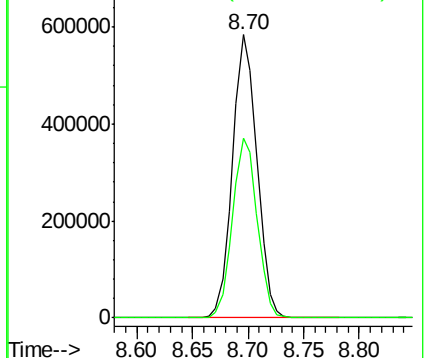
98 100

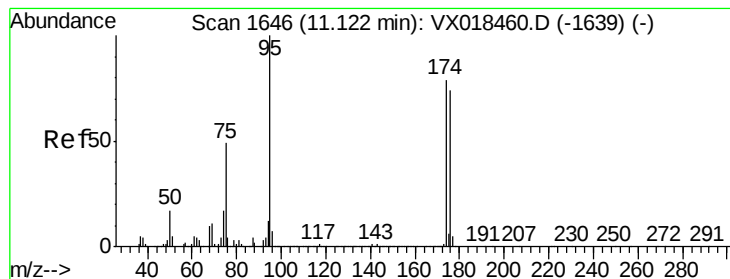
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.560 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018606.D

Acq: 25 Sep 2020 19:17

Instrument :

MSVOA_X

ClientSampled :

MW-4

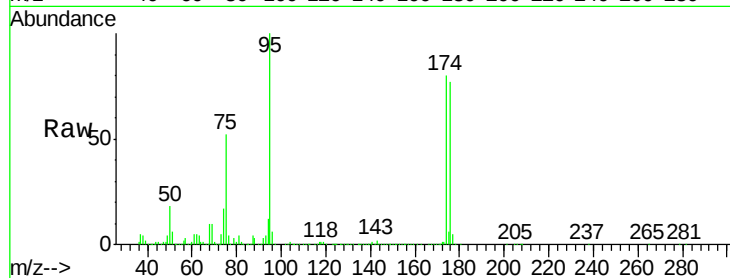
Tot Ion: 95 Resp: 347887

Ion Ratio Lower Upper

95 100

174 79.9 0.0 161.4

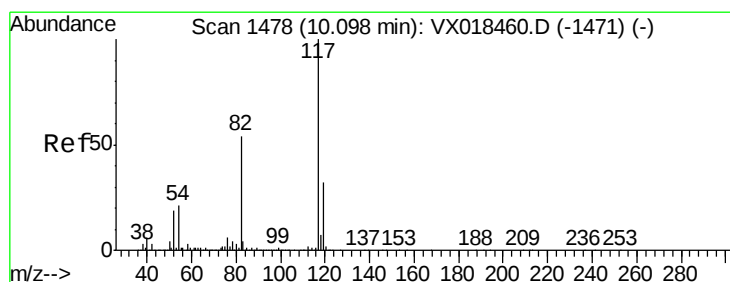
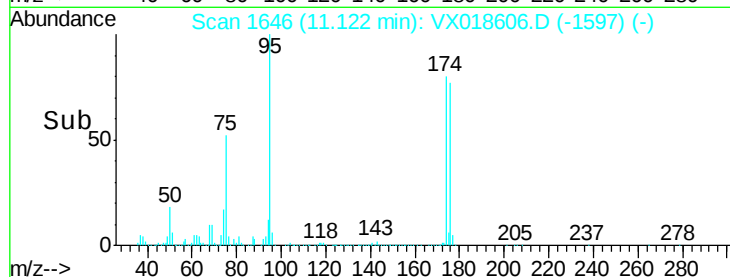
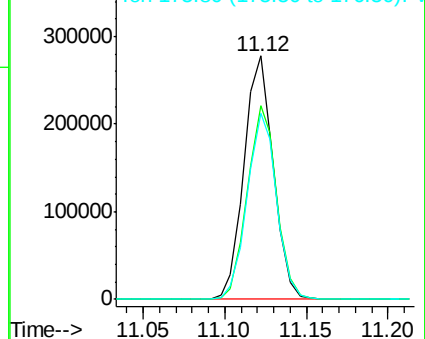
176 77.0 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX018460.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018460.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018460.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018606.D

Acq: 25 Sep 2020 19:17

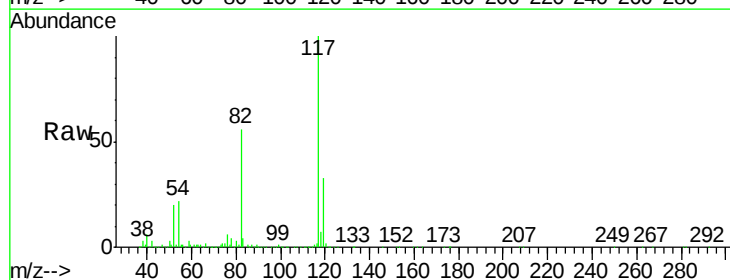
Tgt Ion: 117 Resp: 718287

Ion Ratio Lower Upper

117 100

82 56.1 43.3 64.9

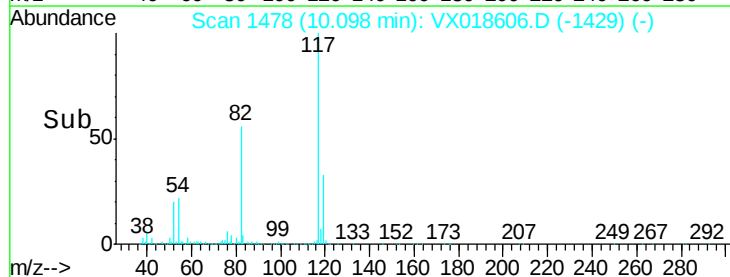
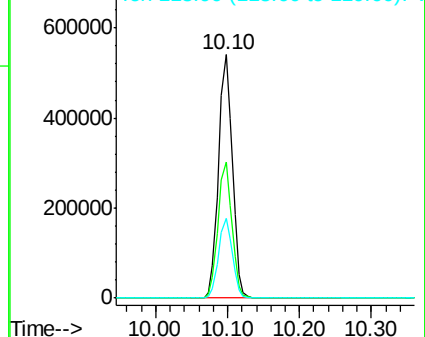
119 32.9 25.9 38.9

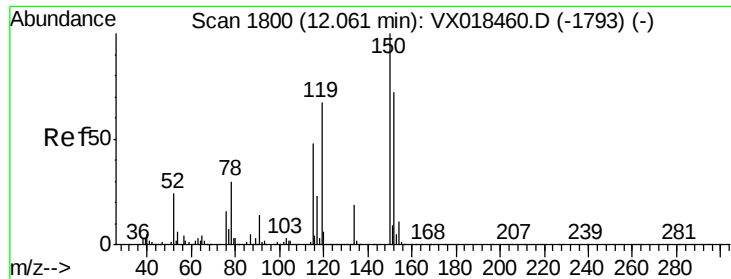


Abundance Ion 116.90 (116.60 to 117.60): VX018460.D (-1471) (-)

Ion 82.00 (81.70 to 82.70): VX018460.D (-1471) (-)

Ion 118.90 (118.60 to 119.60): VX018460.D (-1471) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018606.D

Acq: 25 Sep 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

MW-4

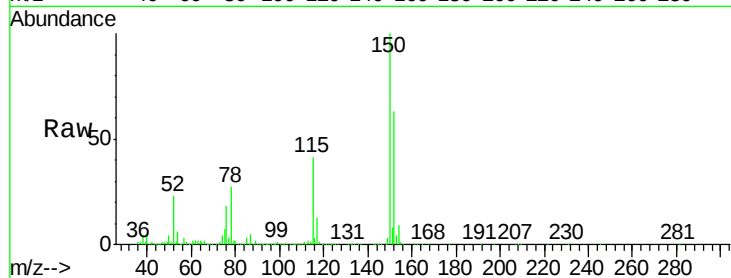
Tot Ion:152 Resp: 359887

Ion Ratio Lower Upper

152 100

115 60.9 41.8 125.4

150 156.9 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

