

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012160.D
 Acq On : 06 Sep 2019 20:48
 Operator : SY/SP
 Sample : K4601-17
 Misc : 3.76g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F3-(2.7)

Quant Time: Sep 07 03:02:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

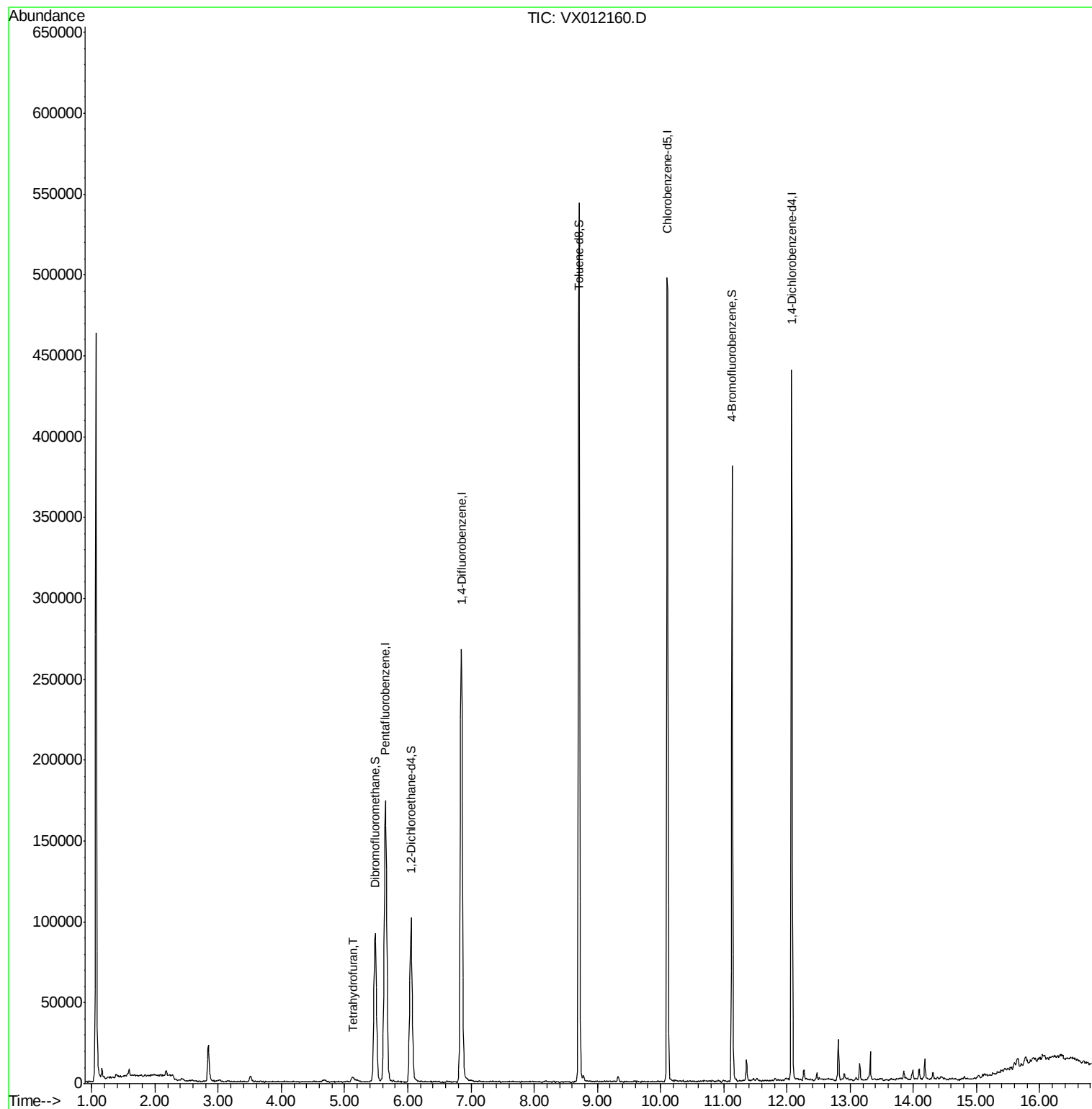
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	148154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	79148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103828	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	5.48	113	77691	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	301900	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	109530	40.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.02%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	3156	8.422	ug/l #	78

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

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

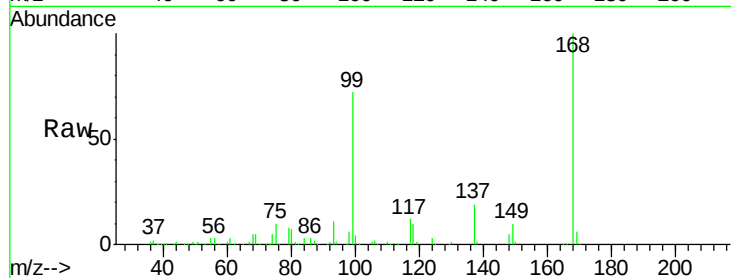
T12-F3-(2.7)

Tot Ion:168 Resp: 148154

Ion Ratio Lower Upper

168 100

99 72.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

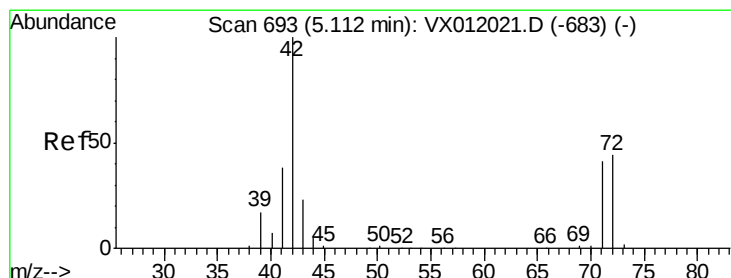
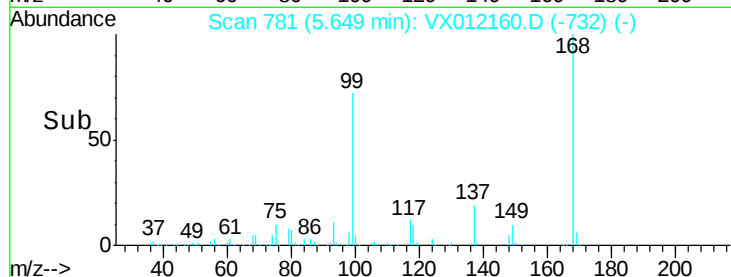
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 8.422 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

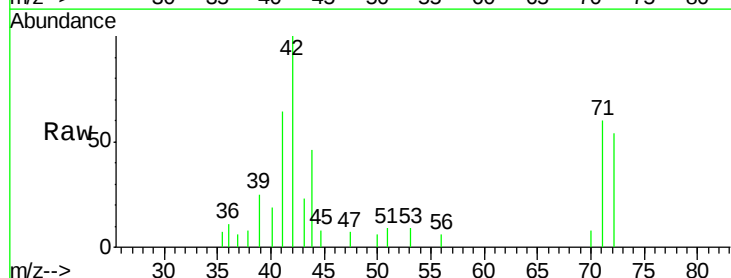
Tgt Ion: 42 Resp: 3156

Ion Ratio Lower Upper

42 100

72 18.6 37.0 55.4#

71 42.6 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

1200

1000

800

600

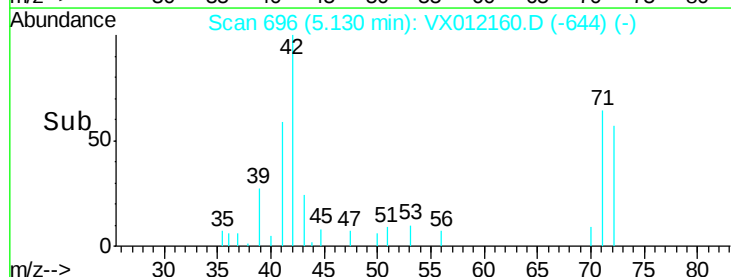
400

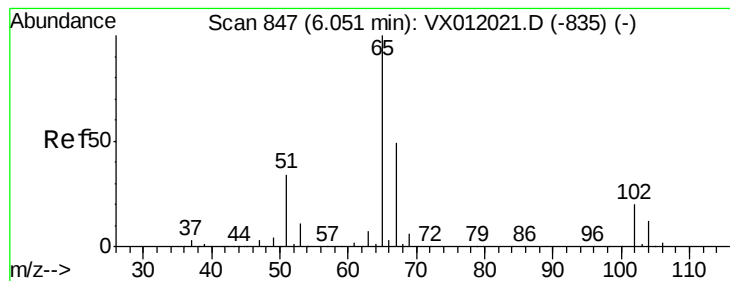
200

0

Time-->

5.00 5.05 5.10 5.15 5.20





#33

1,2-Dichloroethane-d4

Concen: 50.791 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

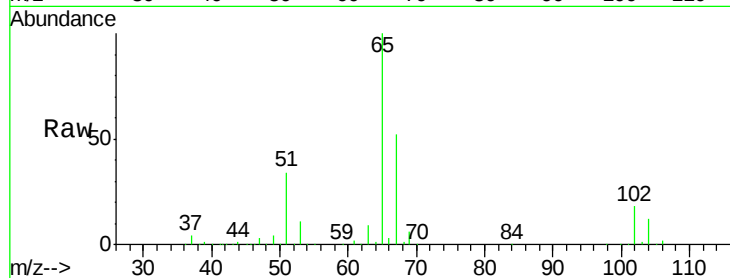
T12-F3-(2.7)

Tot Ion: 65 Resp: 103828

Ion Ratio Lower Upper

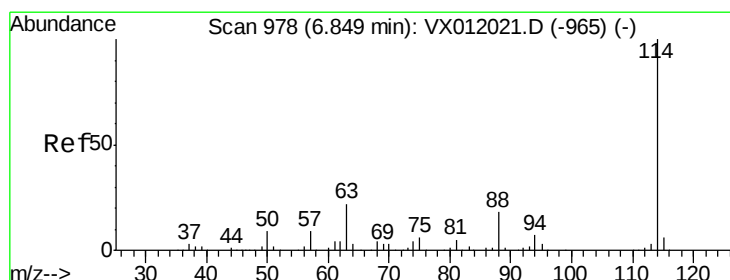
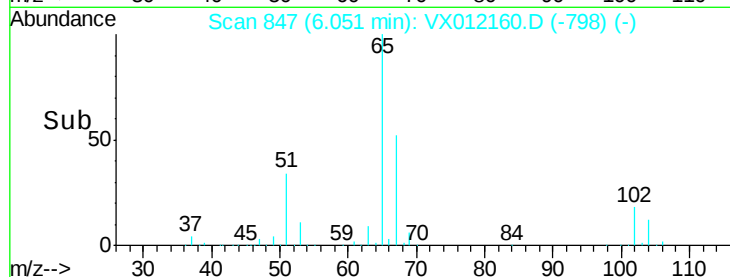
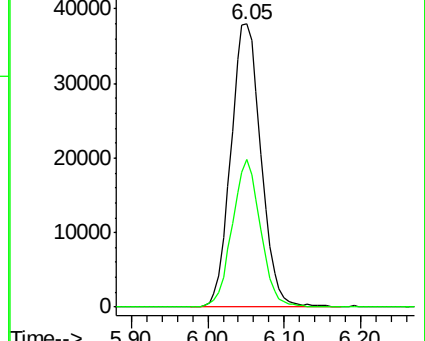
65 100

67 49.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

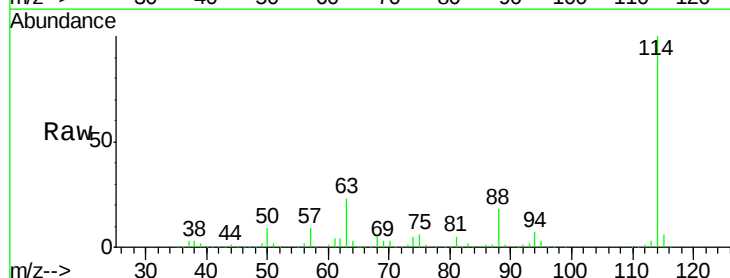
Tgt Ion: 114 Resp: 257622

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

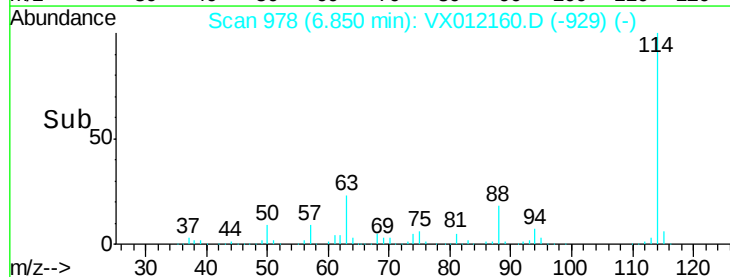
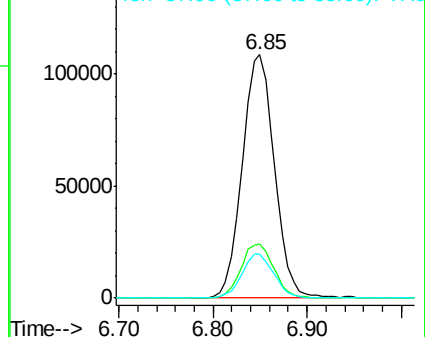
88 18.0 0.0 29.6

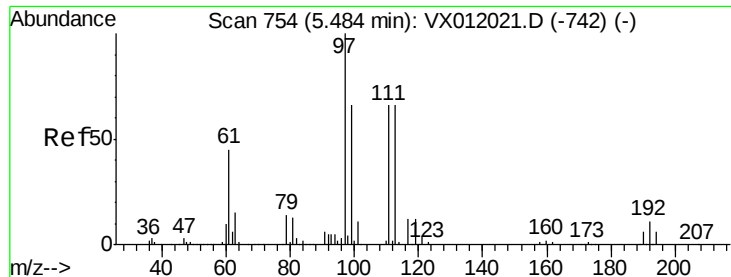


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.038 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

T12-F3-(2.7)

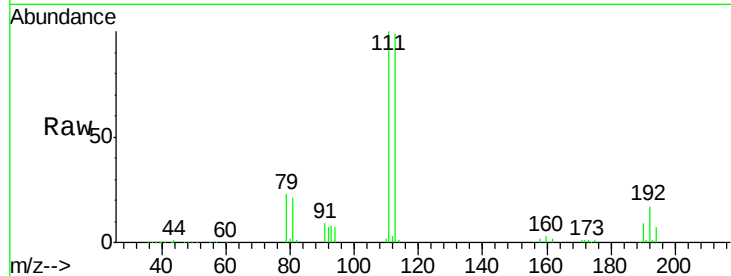
Tot Ion:113 Resp: 77691

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

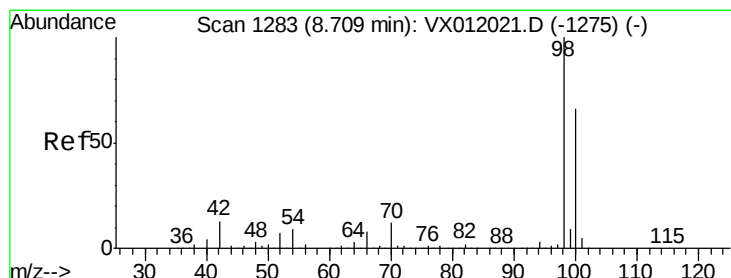
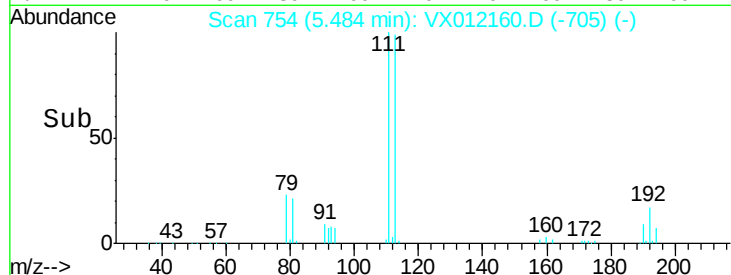
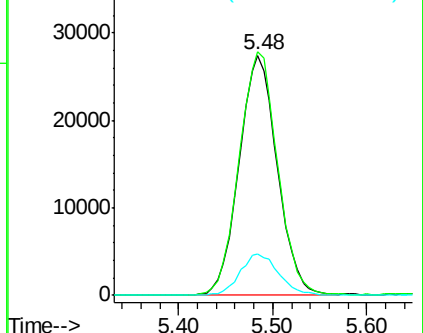
192 17.5 22.5 33.7#



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: 51.929 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012160.D

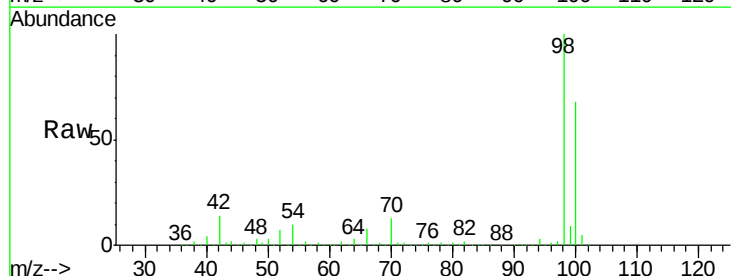
Acq: 06 Sep 2019 20:48

Tgt Ion: 98 Resp: 301900

Ion Ratio Lower Upper

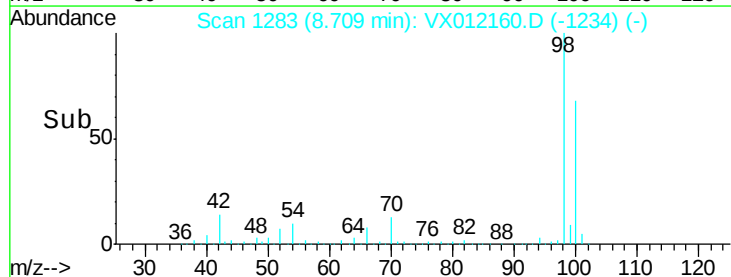
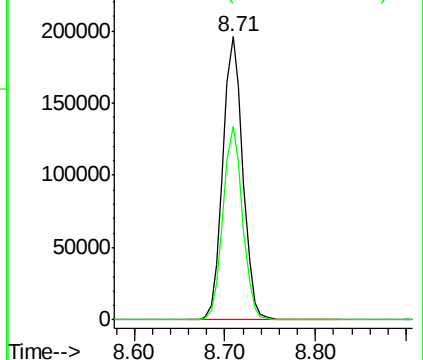
98 100

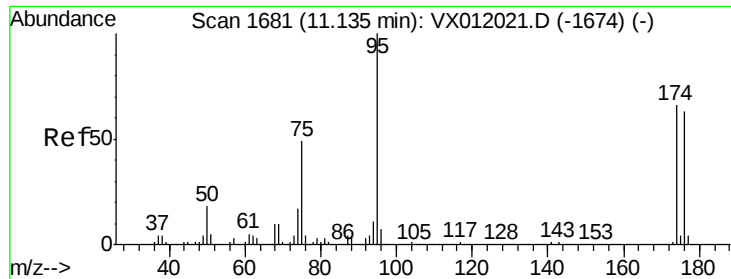
100 66.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.511 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampled :

T12-F3-(2.7)

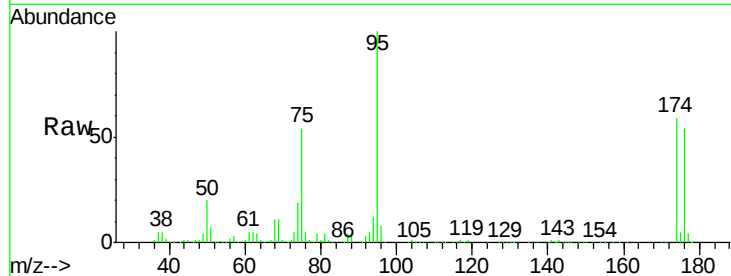
Tot Ion: 95 Resp: 109530

Ion Ratio Lower Upper

95 100

174 63.9 0.0 205.4

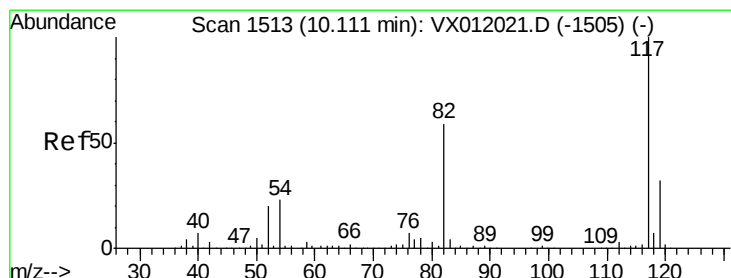
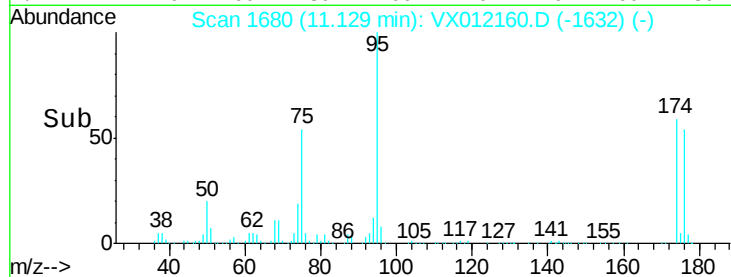
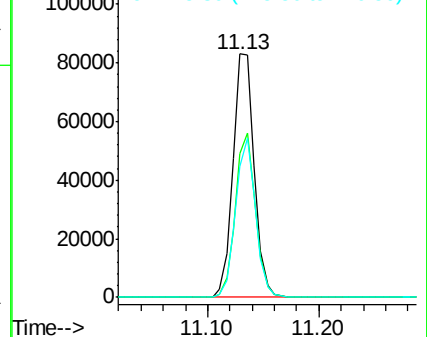
176 61.1 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

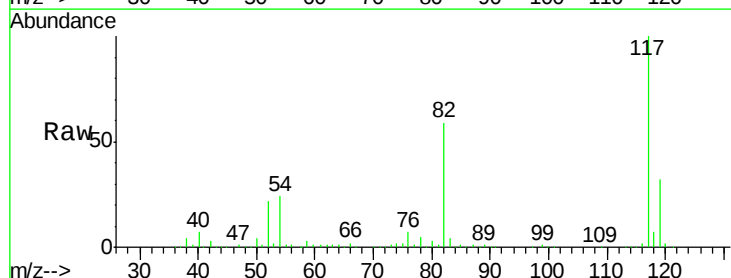
Tgt Ion: 117 Resp: 215398

Ion Ratio Lower Upper

117 100

82 58.7 39.4 59.0

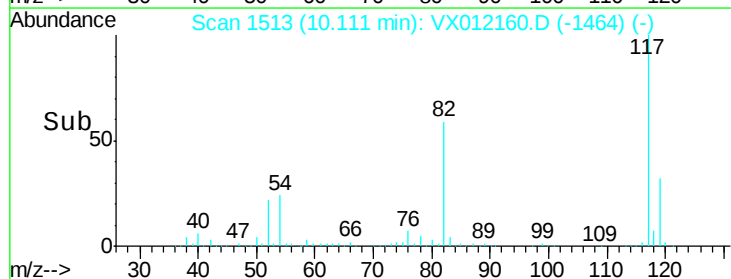
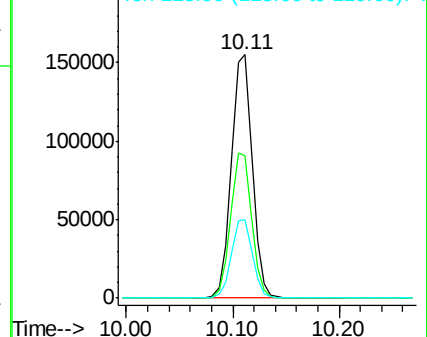
119 32.1 26.1 39.1

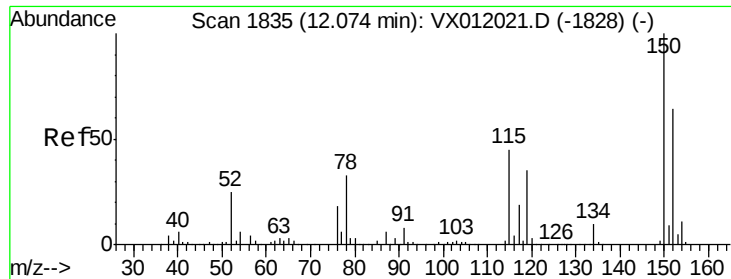


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012160.D

Acq: 06 Sep 2019 20:48

Instrument :

MSVOA_X

ClientSampleId :

T12-F3-(2.7)

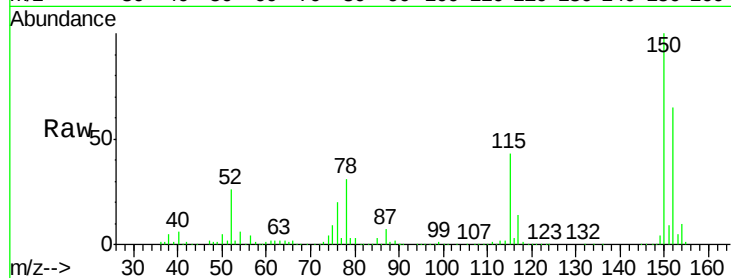
Tot Ion:152 Resp: 79148

Ion Ratio Lower Upper

152 100

115 66.2 36.4 109.3

150 160.7 0.0 341.2



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

