

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012178.D
 Acq On : 07 Sep 2019 16:07
 Operator : SY/SP
 Sample : K4602-06
 Misc : 5.13g/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G3-(2.7)

Quant Time: Sep 08 08:13:51 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

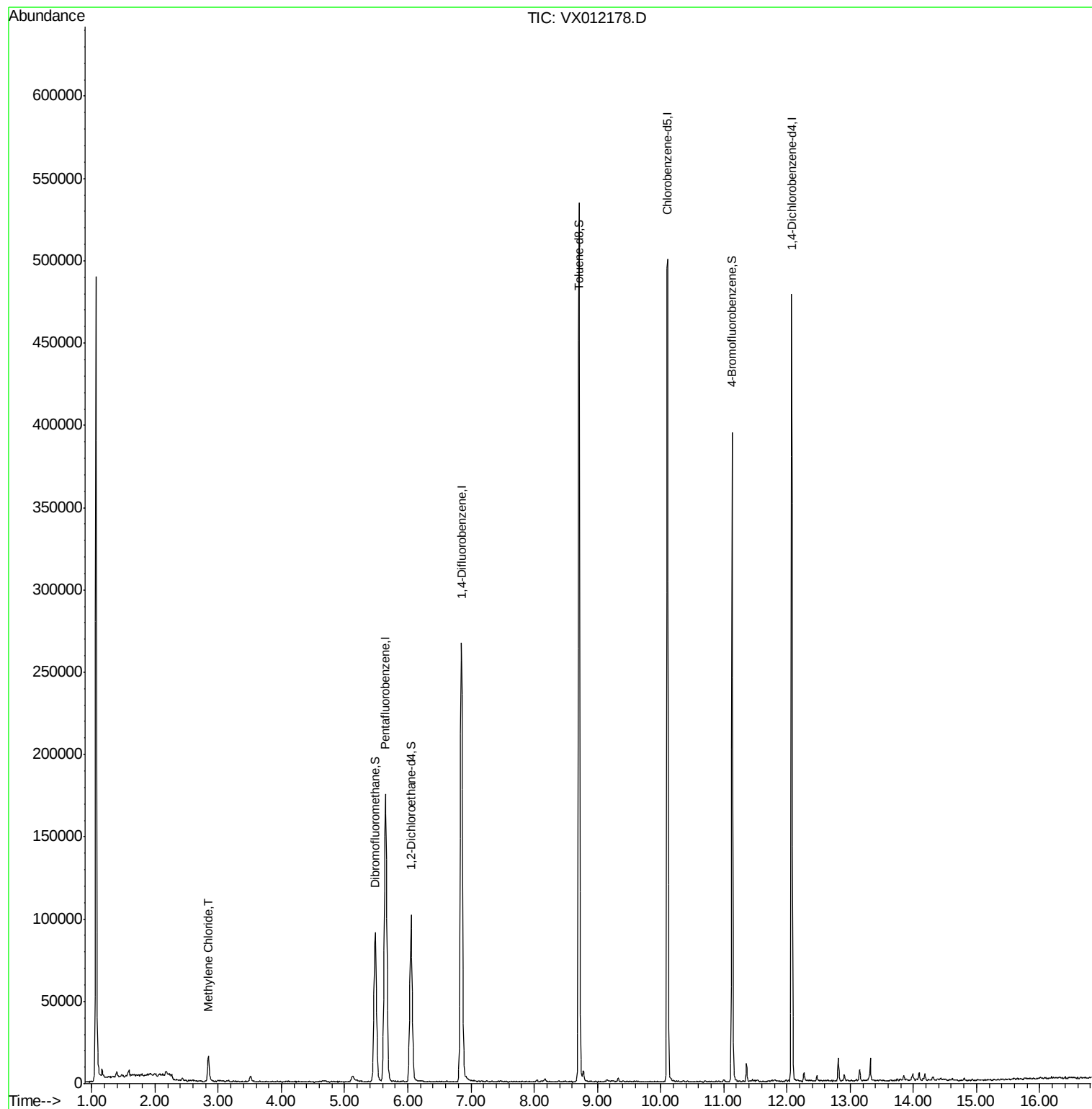
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	149122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	253826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100673	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.48	113	75745	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	8.71	98	300919	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	112235	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	
Target Compounds						
20) Methylene Chloride	2.84	84	6864	3.476	ug/l	Qvalue 90

(#) = 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: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012178.D

Acq: 07 Sep 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

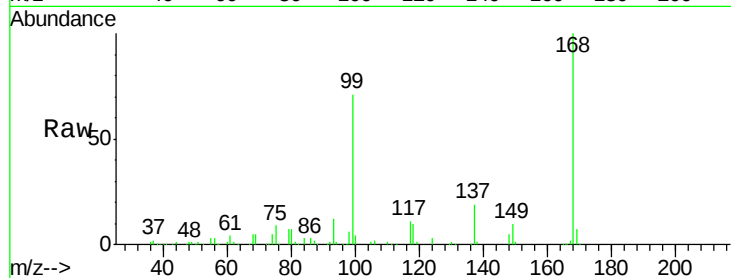
T12-G3-(2.7)

Tot Ion:168 Resp: 149122

Ion Ratio Lower Upper

168 100

99 71.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

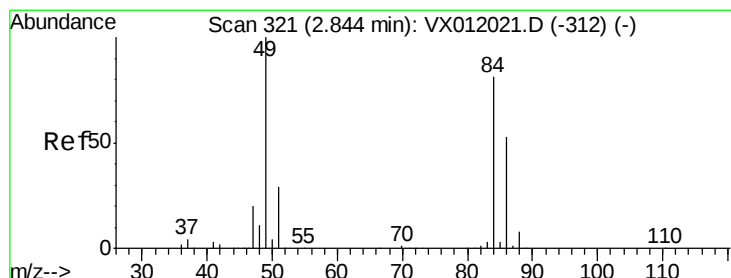
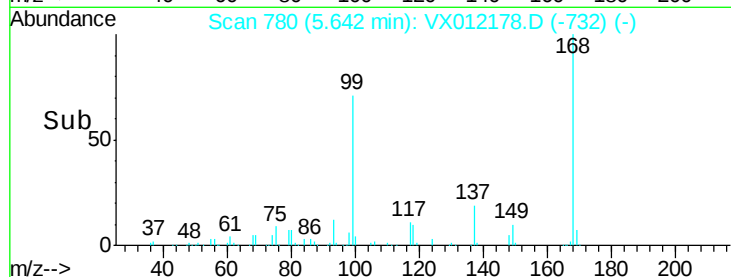
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 3.476 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012178.D

Acq: 07 Sep 2019 16:07

Tgt Ion: 84 Resp: 6864

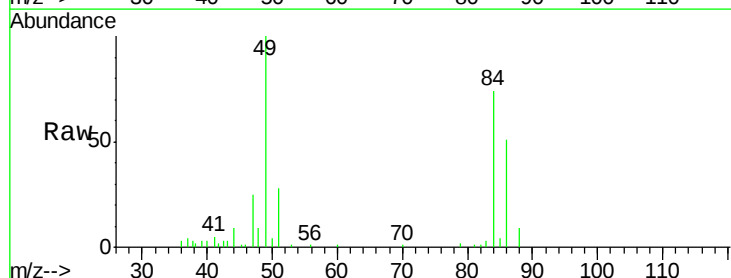
Ion Ratio Lower Upper

84 100

49 135.7 95.8 143.8

51 38.0 28.6 43.0

86 69.1 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

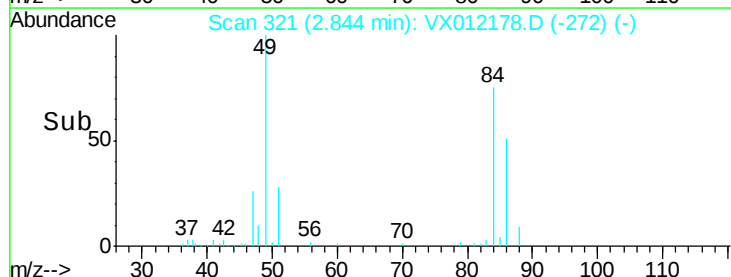
6000

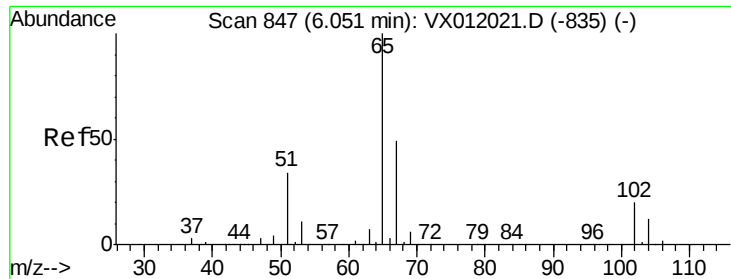
4000

2000

0

Time--> 2.75 2.80 2.85 2.90 2.95

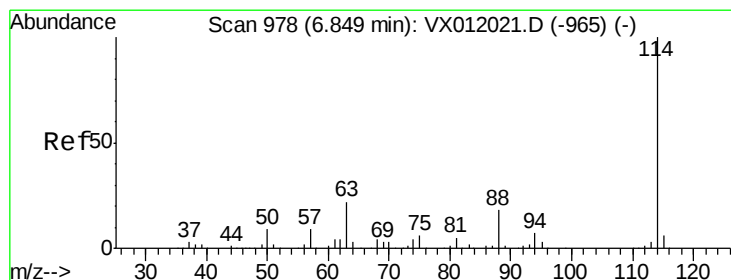
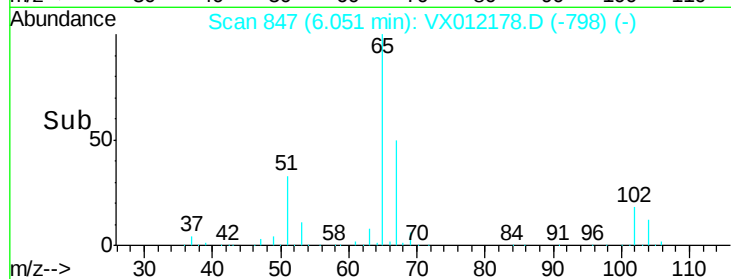
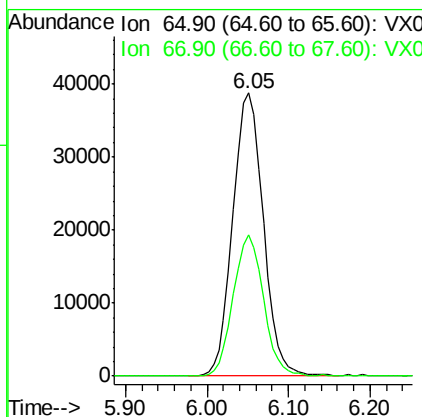
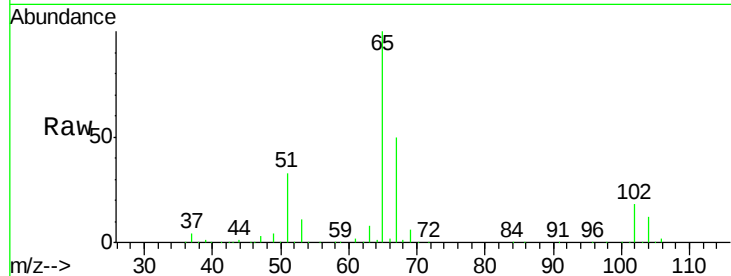




#33
 1,2-Dichloroethane-d4
 Concen: 48.928 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012178.D
 Acq: 07 Sep 2019 16:07

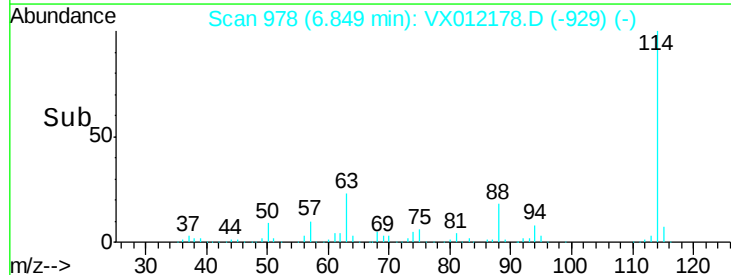
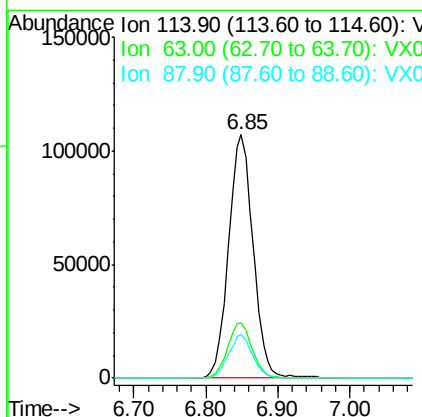
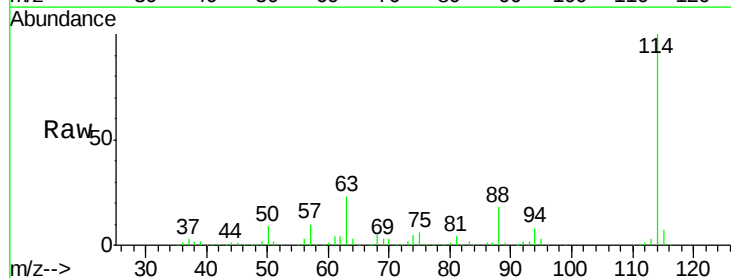
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G3-(2.7)

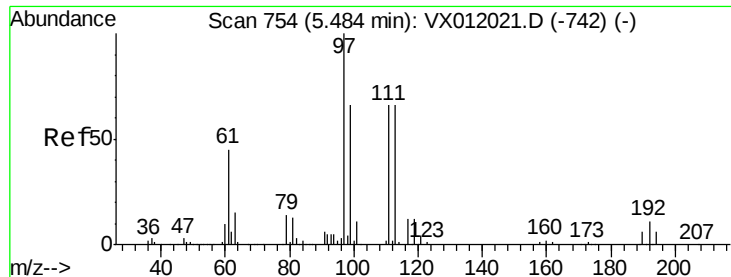
Tot Ion: 65 Resp: 100673
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012178.D
 Acq: 07 Sep 2019 16:07

Tgt Ion: 114 Resp: 253826
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 37.4
 88 18.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.525 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012178.D

Acq: 07 Sep 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

T12-G3-(2.7)

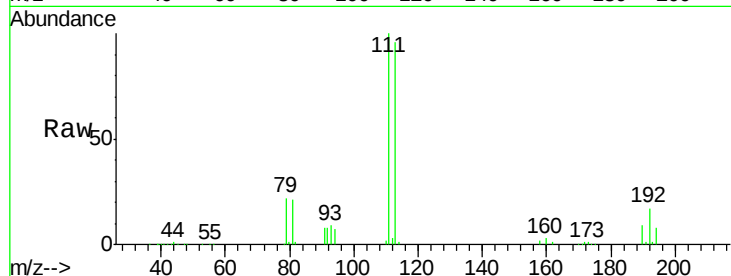
Tot Ion:113 Resp: 75745

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

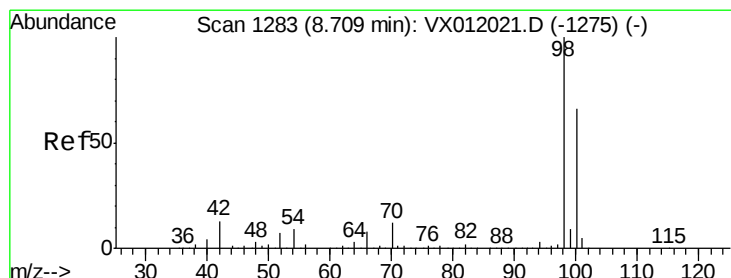
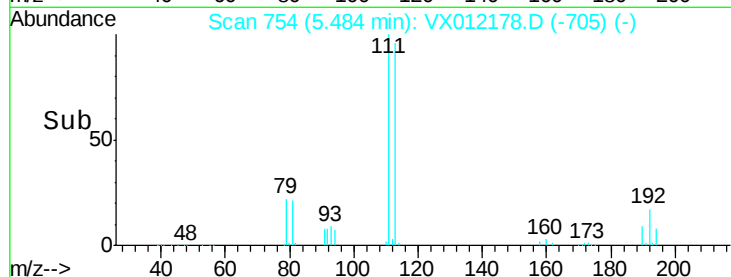
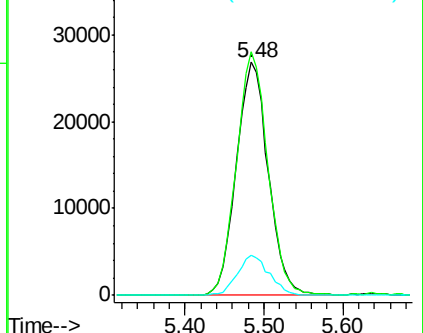
192 17.1 22.5 33.7#



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: 52.535 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012178.D

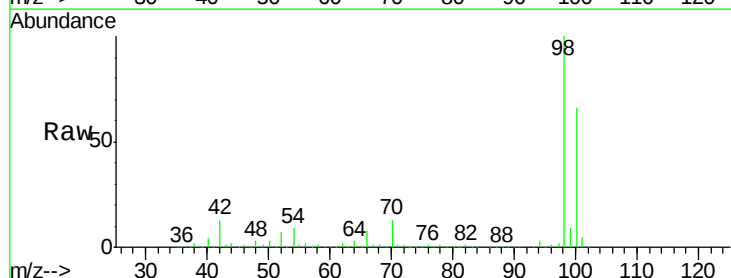
Acq: 07 Sep 2019 16:07

Tgt Ion: 98 Resp: 300919

Ion Ratio Lower Upper

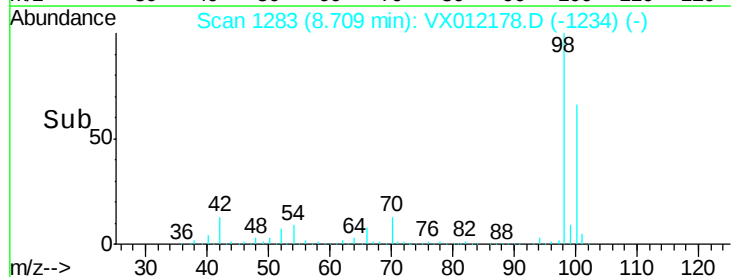
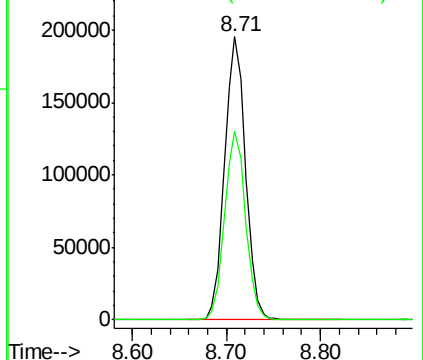
98 100

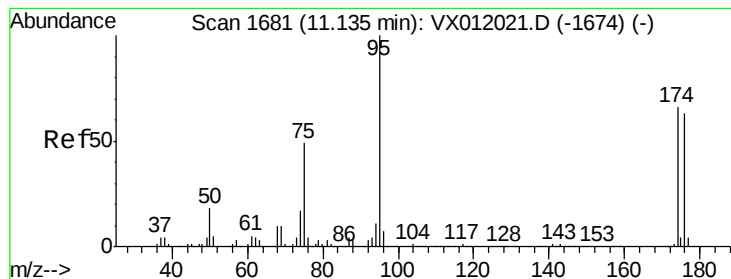
100 67.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.132 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012178.D

Acq: 07 Sep 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

T12-G3-(2.7)

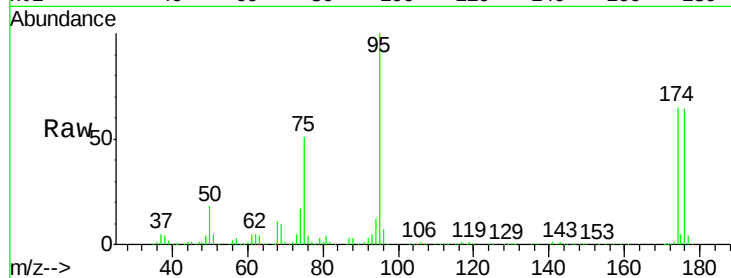
Tot Ion: 95 Resp: 112235

Ion Ratio Lower Upper

95 100

174 63.6 0.0 205.4

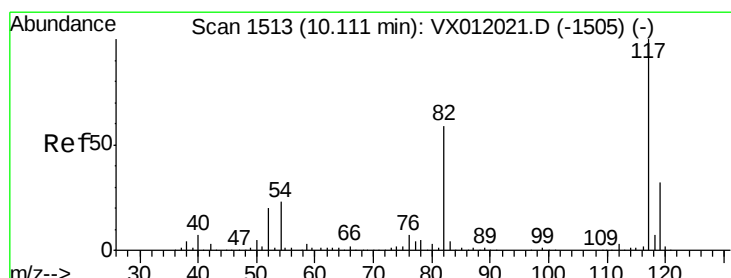
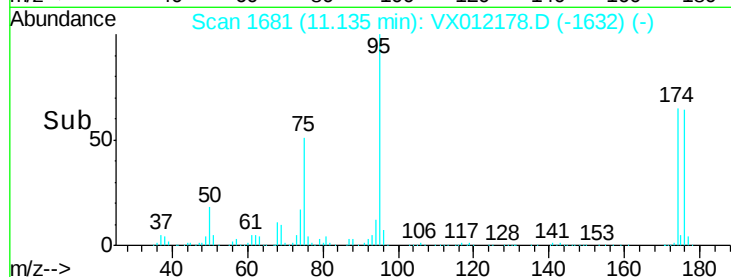
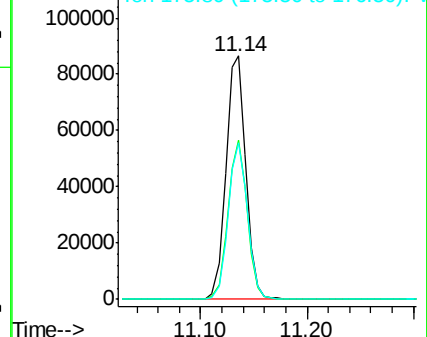
176 62.8 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012178.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012178.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012178.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012178.D

Acq: 07 Sep 2019 16:07

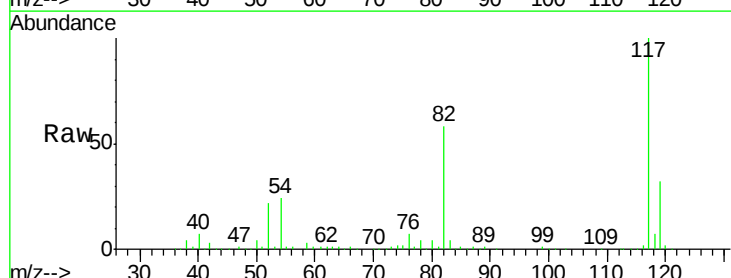
Tgt Ion: 117 Resp: 216548

Ion Ratio Lower Upper

117 100

82 58.2 39.4 59.0

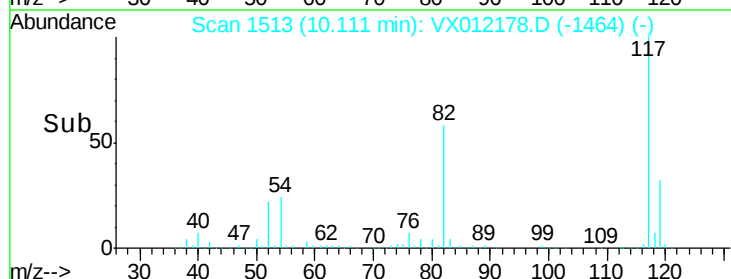
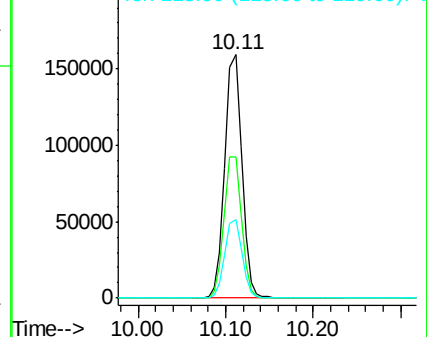
119 32.0 26.1 39.1

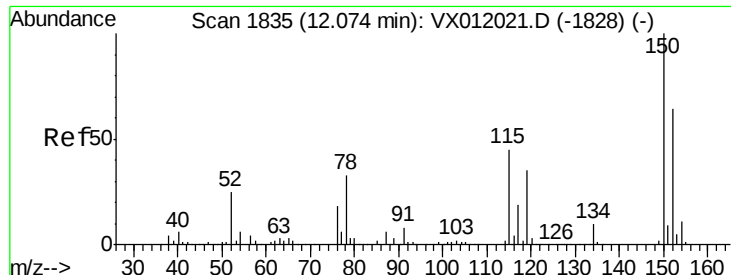


Abundance Ion 116.90 (116.60 to 117.60): VX012178.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012178.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012178.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012178.D

Acq: 07 Sep 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

T12-G3-(2.7)

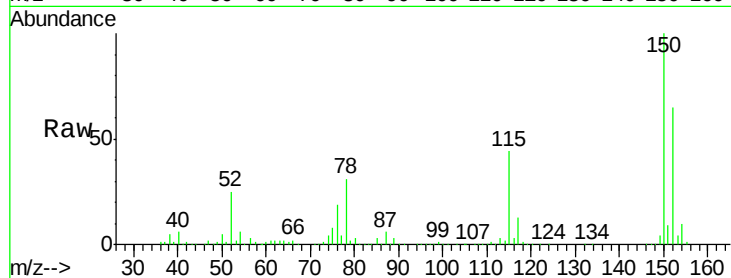
Tot Ion:152 Resp: 88129

Ion Ratio Lower Upper

152 100

115 66.7 36.4 109.3

150 154.6 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

