

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX012006.D
 Acq On : 01 Sep 2019 21:43
 Operator : SY/SP
 Sample : K4525-03
 Misc : 3.91g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A2-(0)

Quant Time: Sep 02 05:29:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

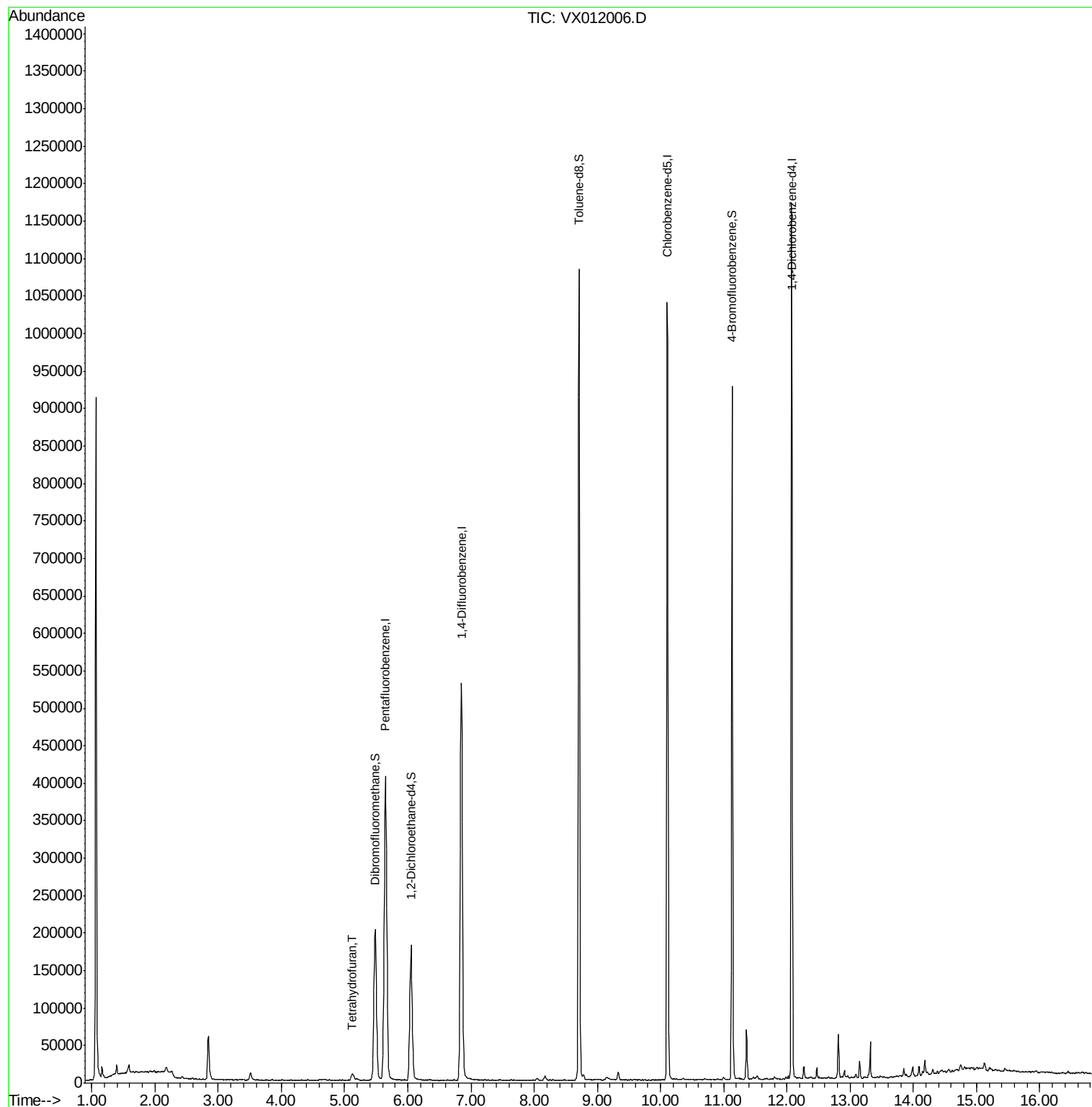
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	440234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	560771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	490278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	174780	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.88%	
35) Dibromofluoromethane	5.48	113	161573	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
50) Toluene-d8	8.71	98	634405	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.14	95	227194	40.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.58%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	9912	12.015	ug/l	Qvalue 97

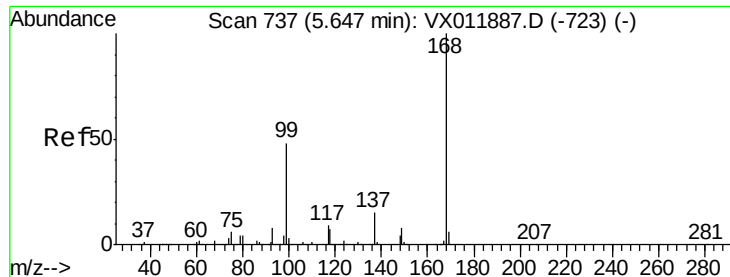
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012006.D

Acq: 01 Sep 2019 21:43

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ClientSampleId :

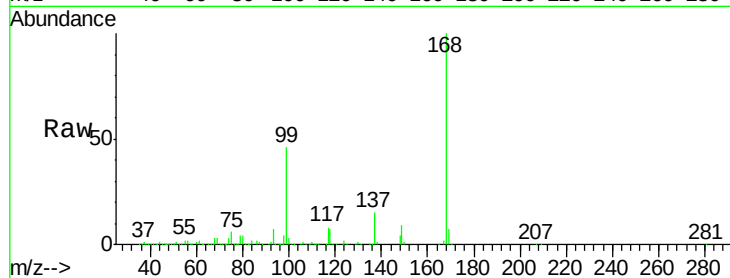
T9-12-13-A2-(0)

Tot Ion:168 Resp: 440234

Ion Ratio Lower Upper

168 100

99 45.9 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

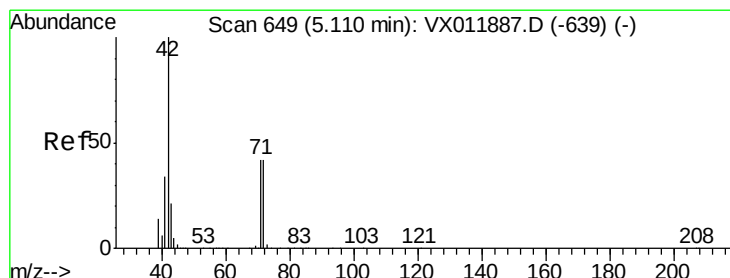
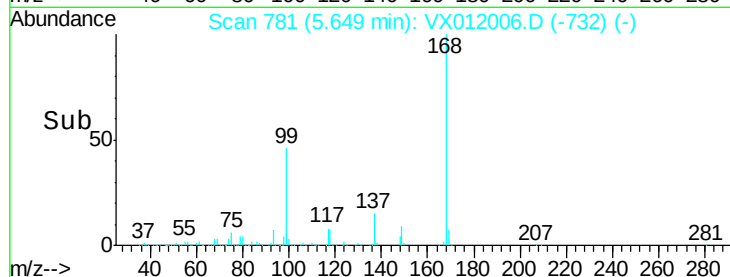
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 12.015 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012006.D

Acq: 01 Sep 2019 21:43

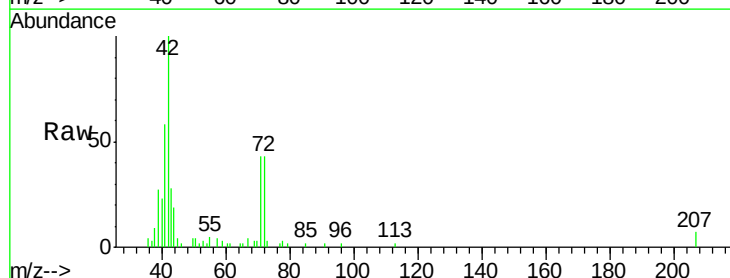
Tgt Ion: 42 Resp: 9912

Ion Ratio Lower Upper

42 100

72 42.3 36.2 54.4

71 40.1 33.1 49.7



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

4000

3000

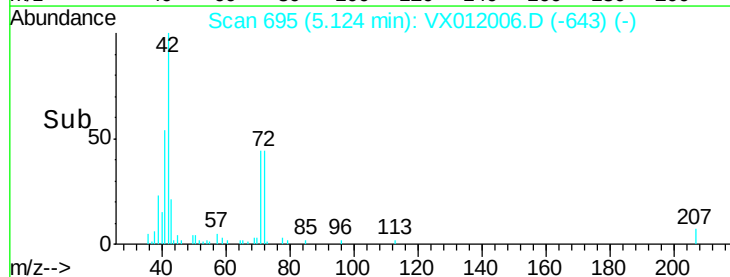
2000

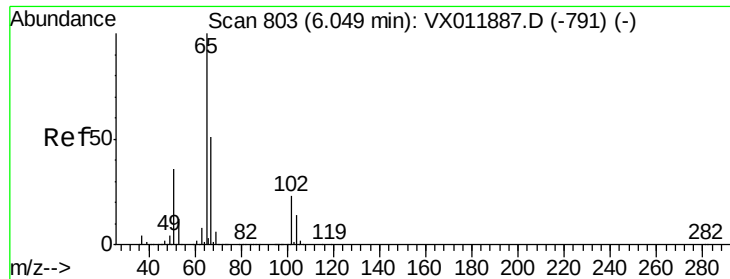
1000

0

Time-->

5.00 5.10 5.20 5.30

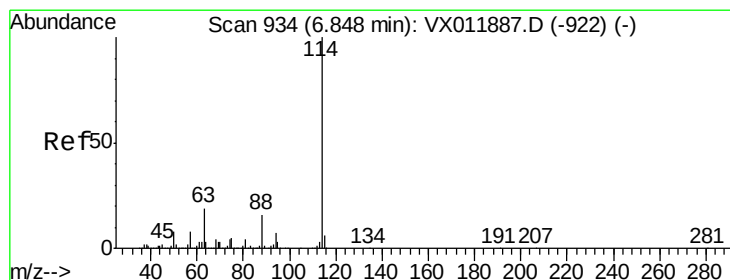
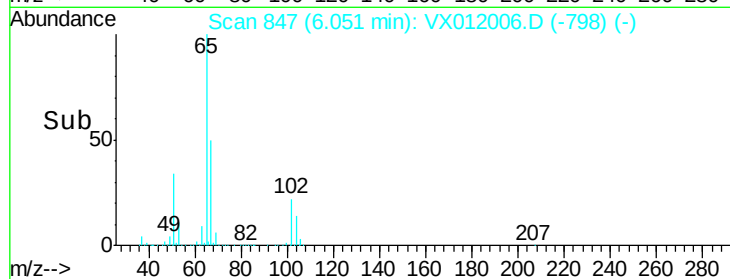
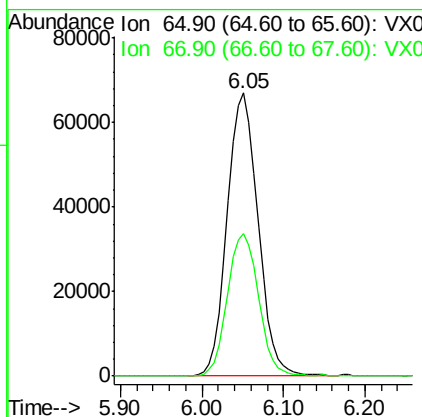
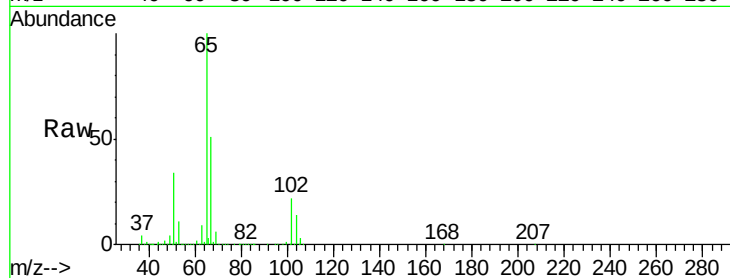




#33
 1,2-Dichloroethane-d4
 Concen: 41.438 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012006.D
 Acq: 01 Sep 2019 21:43

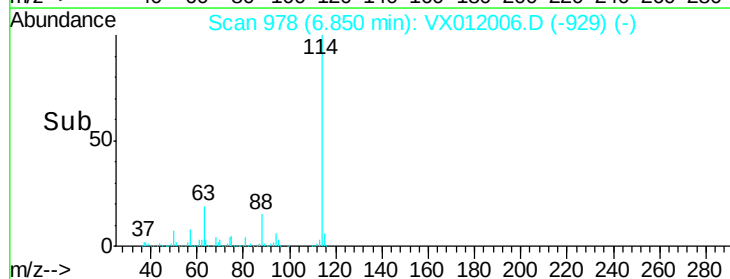
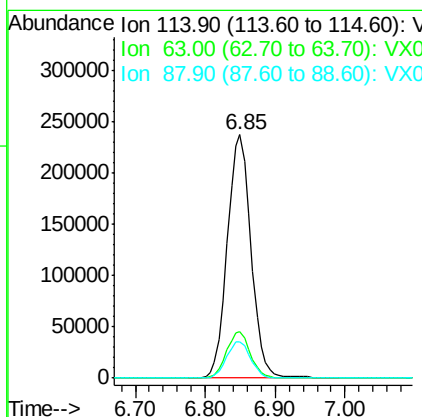
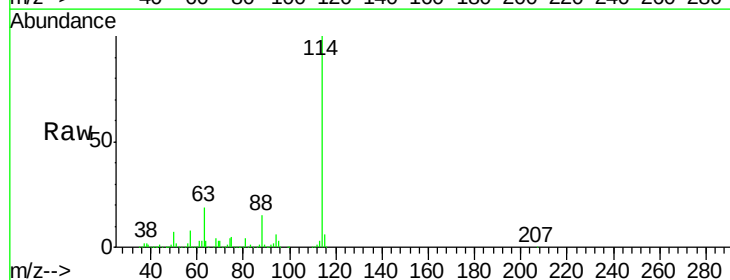
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A2-(0)

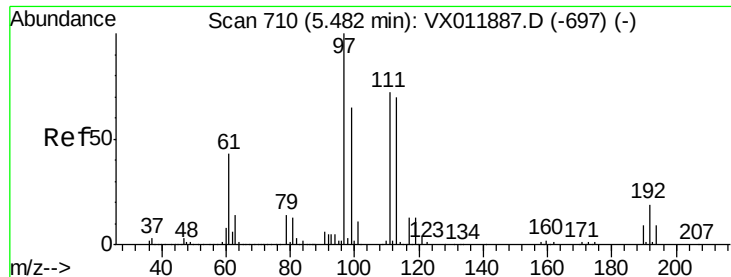
Tot Ion: 65 Resp: 174780
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012006.D
 Acq: 01 Sep 2019 21:43

Tgt Ion: 114 Resp: 560771
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 14.9 0.0 31.2

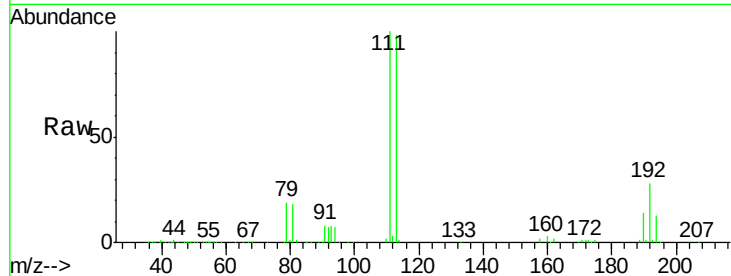




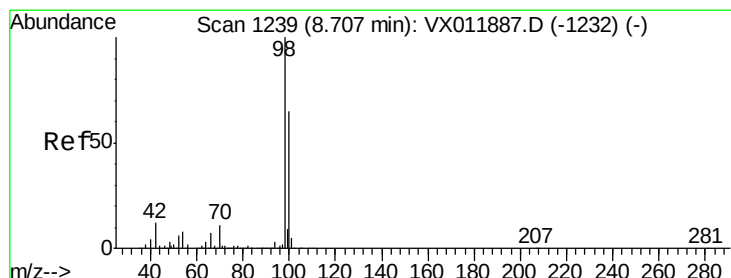
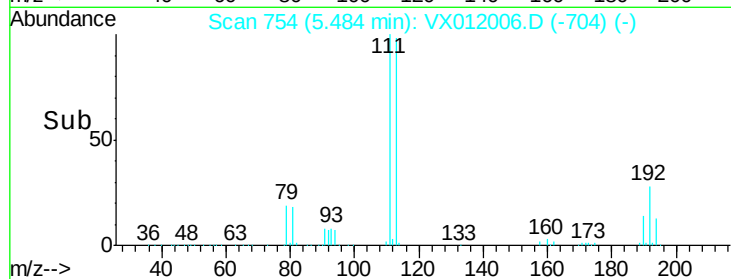
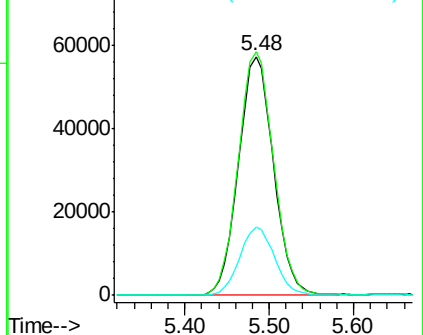
#35
 Dibromofluoromethane
 Concen: 44.933 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012006.D
 Acq: 01 Sep 2019 21:43

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A2-(0)

Tot Ion:113 Resp: 161573
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.1 123.1
 192 28.5 21.5 32.3

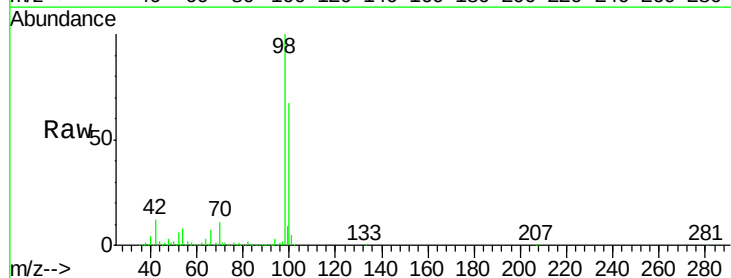


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

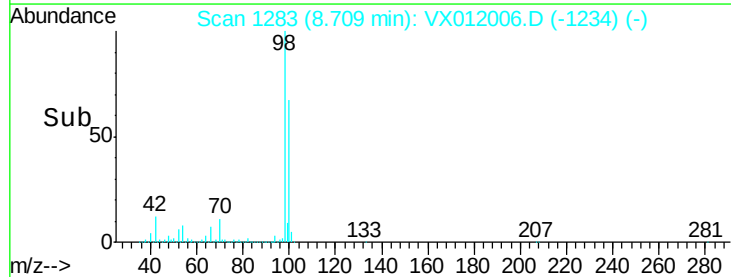
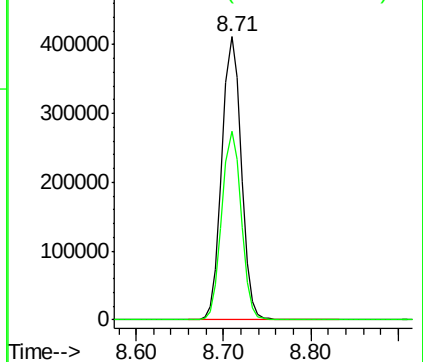


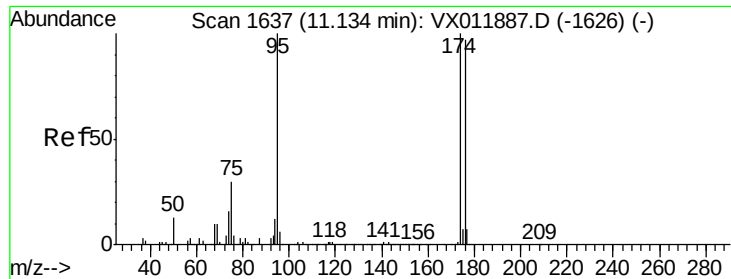
#50
 Toluene-d8
 Concen: 49.354 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012006.D
 Acq: 01 Sep 2019 21:43

Tgt Ion: 98 Resp: 634405
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 40.292 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012006.D

Acq: 01 Sep 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A2-(0)

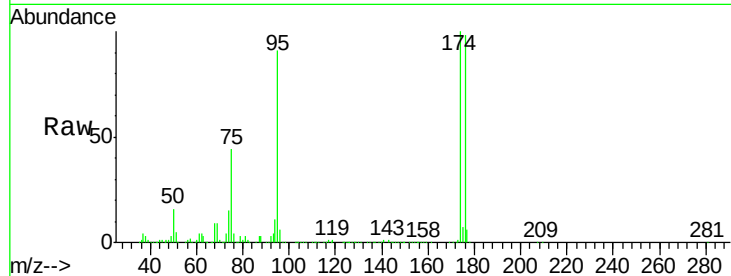
Tot Ion: 95 Resp: 227194

Ion Ratio Lower Upper

95 100

174 102.4 0.0 196.0

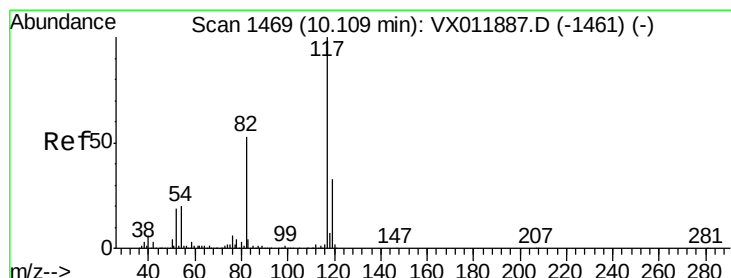
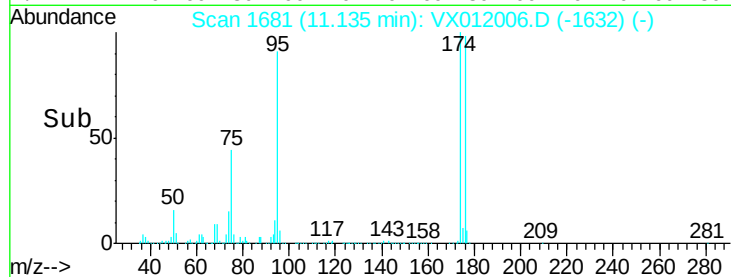
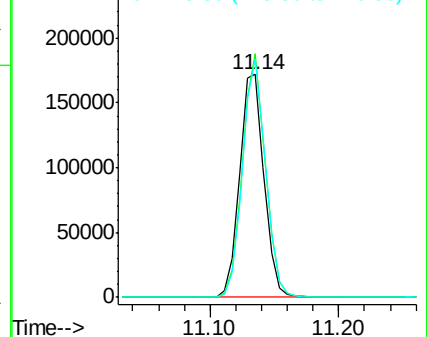
176 100.3 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VX012006.D

Acq: 01 Sep 2019 21:43

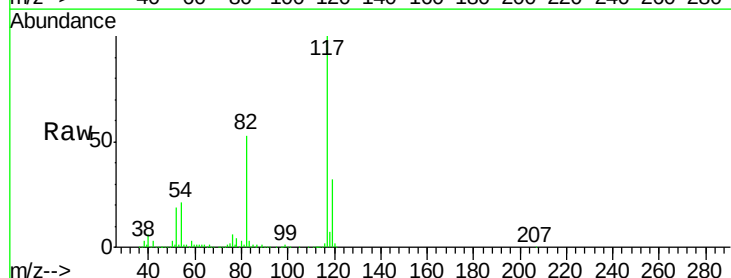
Tgt Ion: 117 Resp: 490278

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

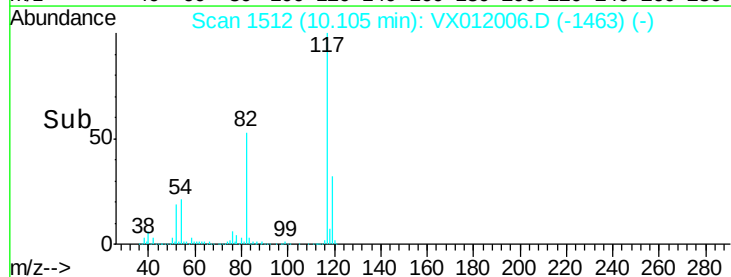
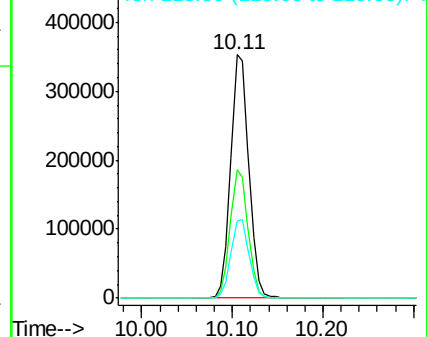
119 31.9 26.2 39.4

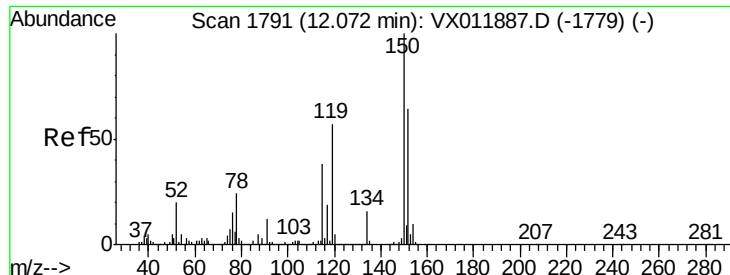


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012006.D

Acq: 01 Sep 2019 21:43

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A2-(0)

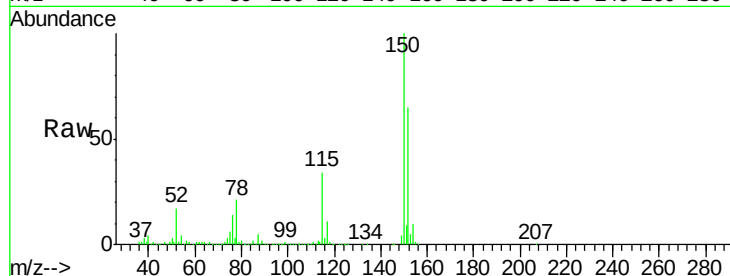
Tot Ion:152 Resp: 248226

Ion Ratio Lower Upper

152 100

115 52.8 37.1 111.3

150 156.3 0.0 339.6



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

