

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013025.D
 Acq On : 11 Oct 2019 18:40
 Operator : JC/SP
 Sample : K5312-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0557

Quant Time: Oct 12 04:34:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

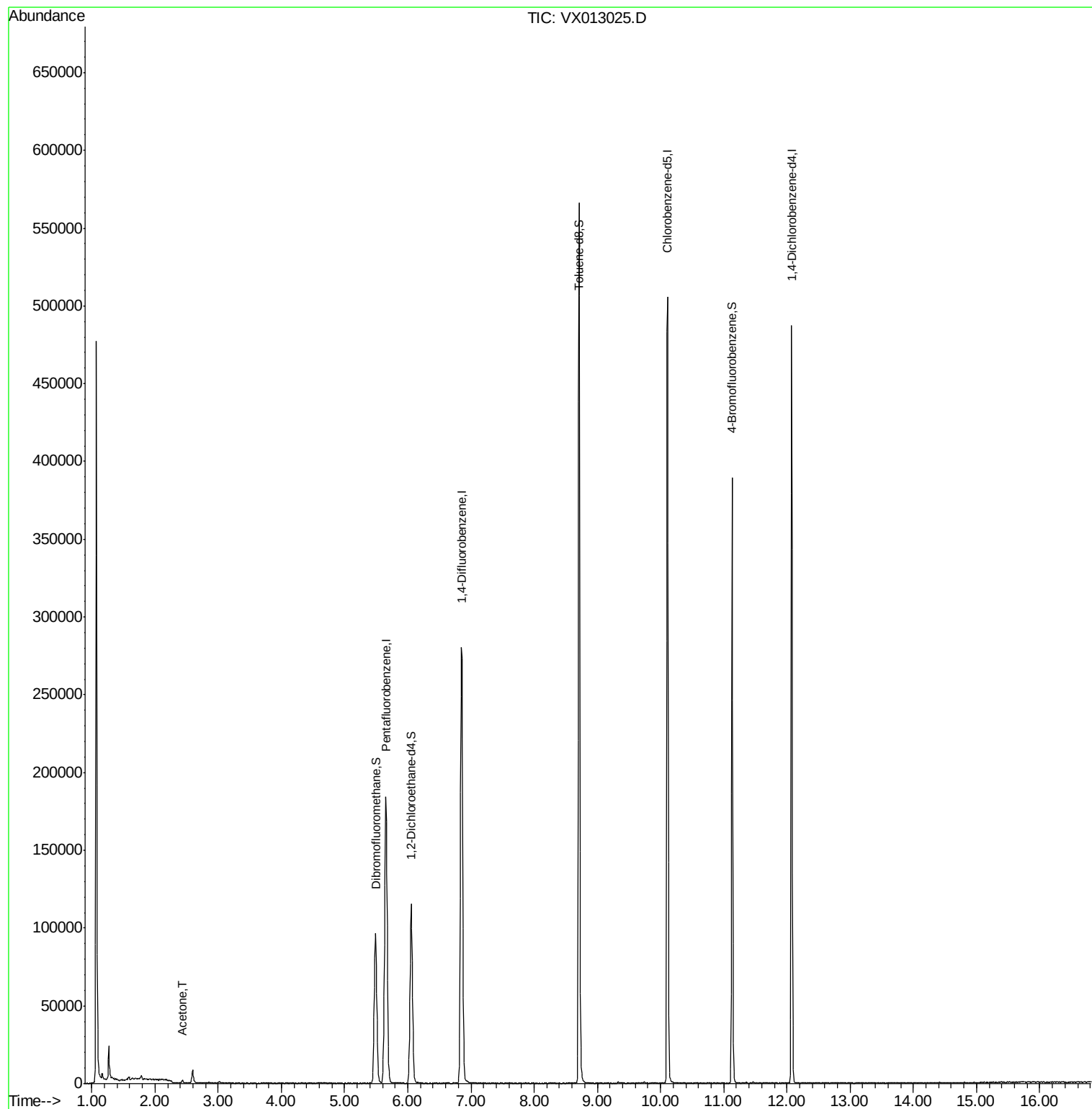
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109196	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
35) Dibromofluoromethane	5.49	113	83612	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	8.71	98	329326	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.14	95	110838	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
16) Acetone	2.44	43	1918	1.699	ug/l #	Qvalue 85

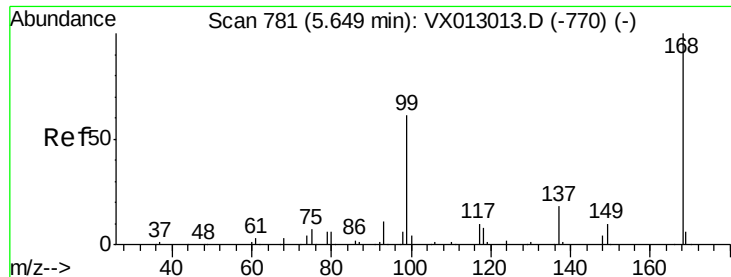
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013025.D

Acq: 11 Oct 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

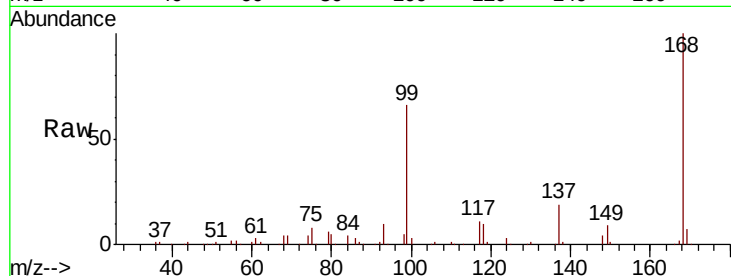
S49-0557

Tot Ion:168 Resp: 171388

Ion Ratio Lower Upper

168 100

99 65.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): VX013013.D (-770) (-)

Ion 98.90 (98.60 to 99.60): VX013013.D (-770) (-)

5.65

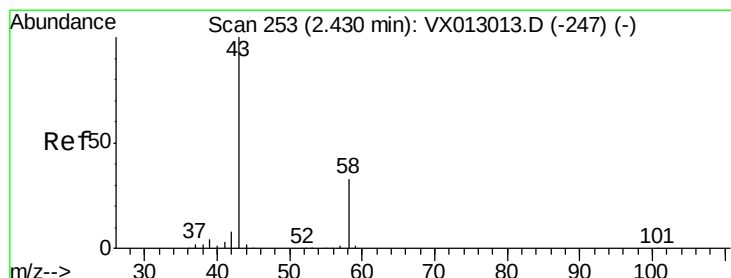
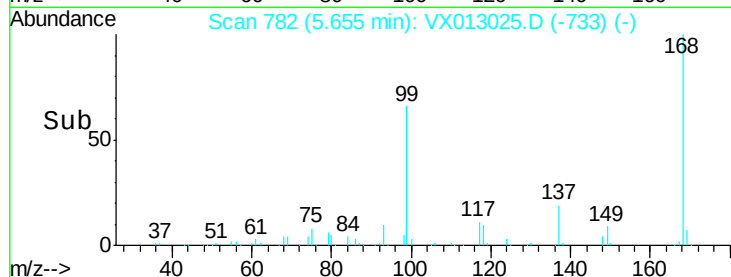
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.699 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013025.D

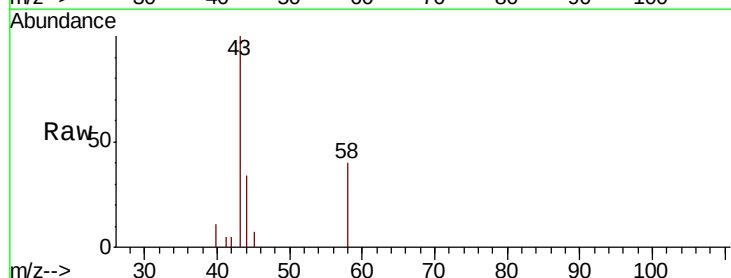
Acq: 11 Oct 2019 18:40

Tgt Ion: 43 Resp: 1918

Ion Ratio Lower Upper

43 100

58 40.2 25.4 38.2#



Abundance Ion 43.00 (42.70 to 43.70): VX013013.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VX013013.D (-247) (-)

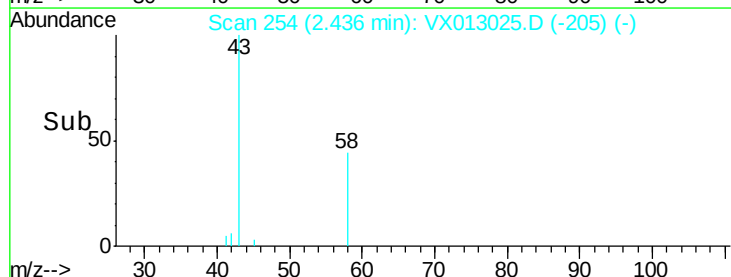
2.44

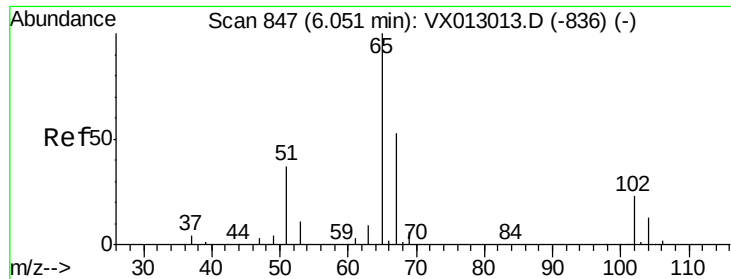
1000

500

0

Time--> 2.35 2.40 2.45 2.50

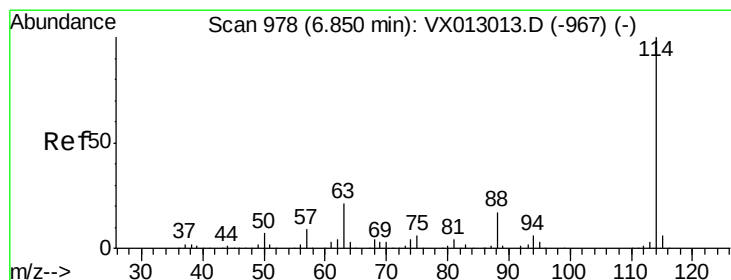
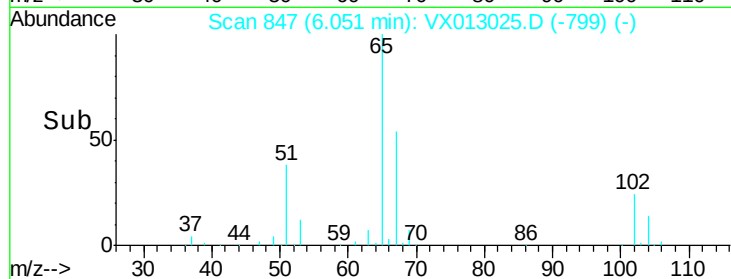
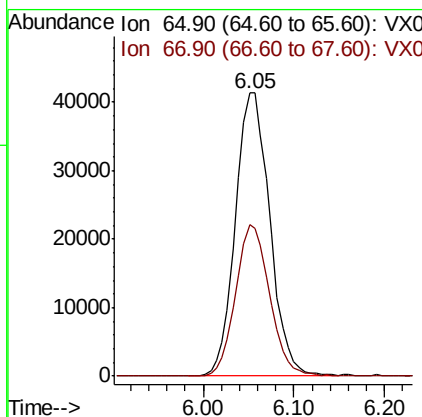
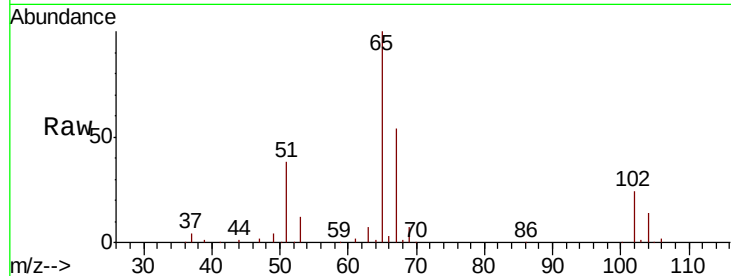




#33
 1,2-Dichloroethane-d4
 Concen: 50.975 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013025.D
 Acq: 11 Oct 2019 18:40

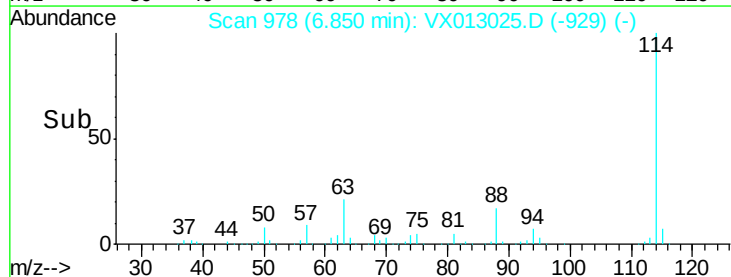
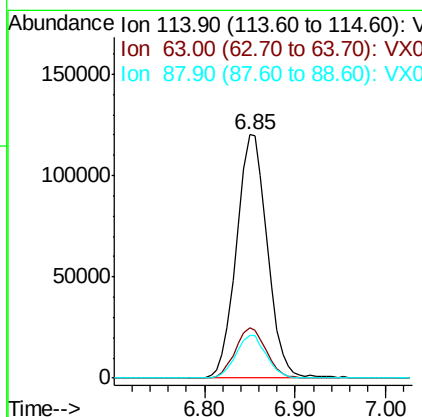
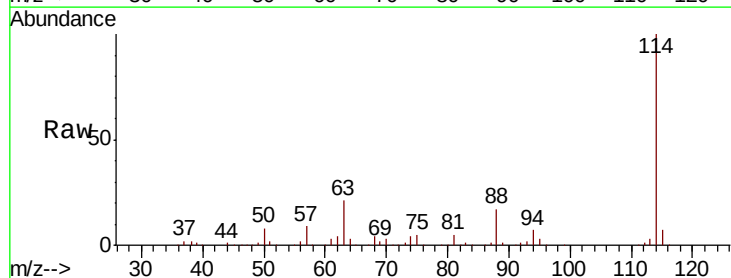
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0557

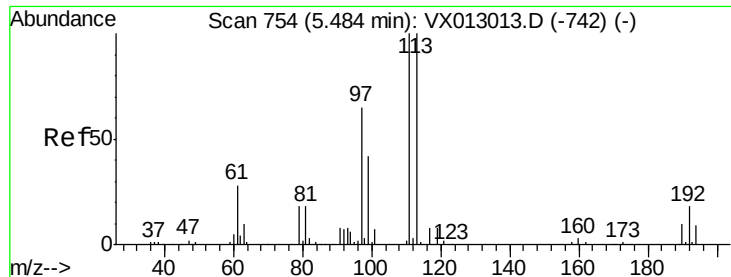
Tot Ion: 65 Resp: 109196
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013025.D
 Acq: 11 Oct 2019 18:40

Tgt Ion: 114 Resp: 283682
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.353 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013025.D

Acq: 11 Oct 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

S49-0557

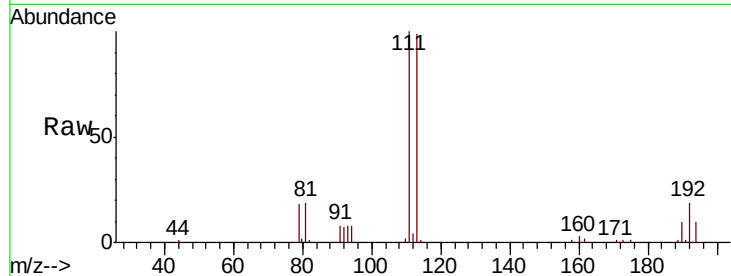
Tot Ion:113 Resp: 83612

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

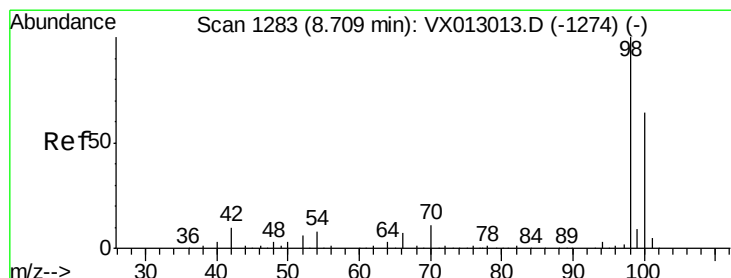
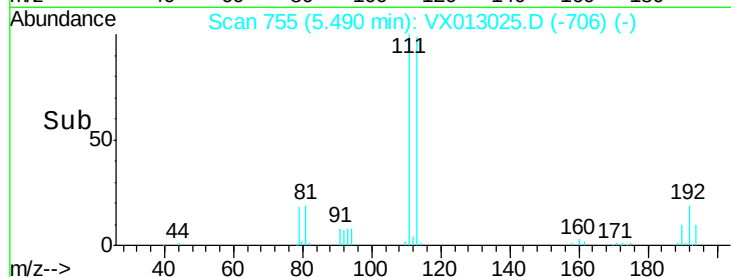
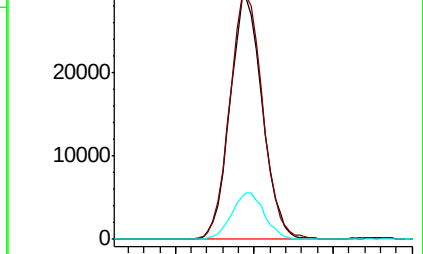
192 19.5 15.4 23.2



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: 51.860 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013025.D

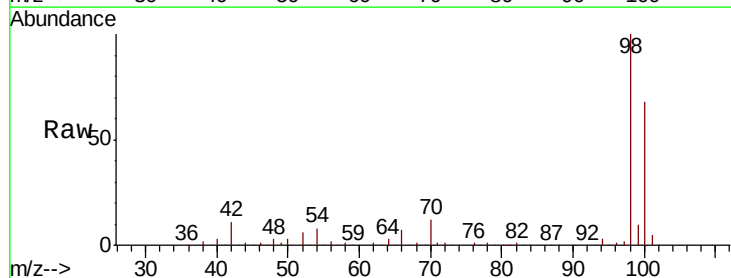
Acq: 11 Oct 2019 18:40

Tgt Ion: 98 Resp: 329326

Ion Ratio Lower Upper

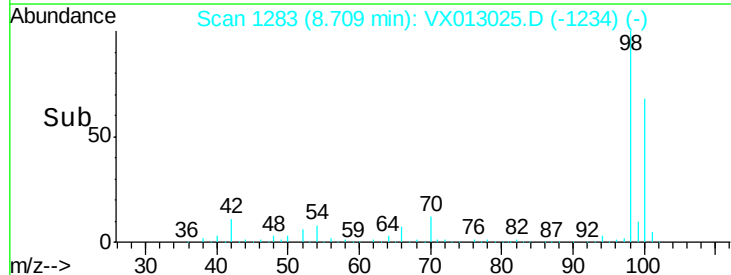
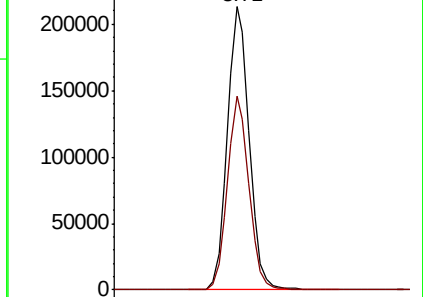
98 100

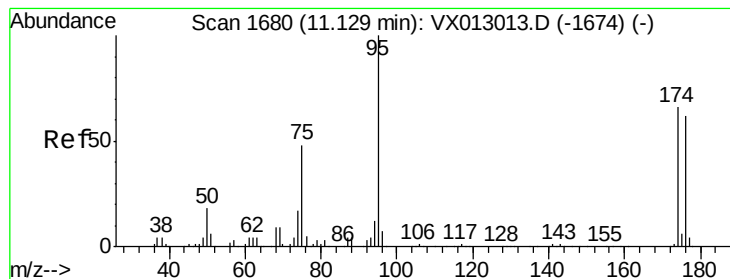
100 67.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.920 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013025.D

Acq: 11 Oct 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

S49-0557

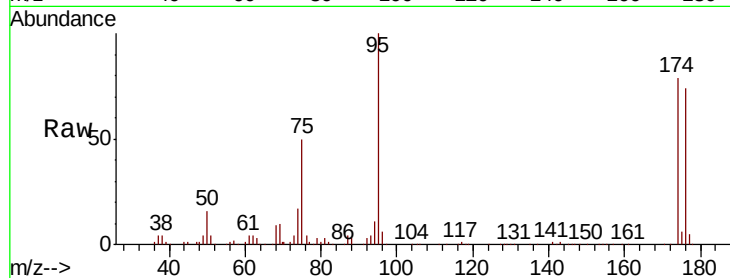
Tot Ion: 95 Resp: 110838

Ion Ratio Lower Upper

95 100

174 72.8 0.0 143.4

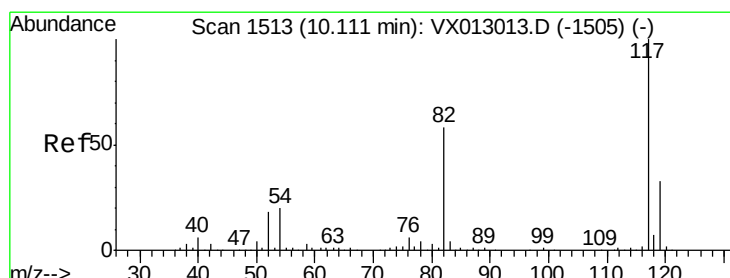
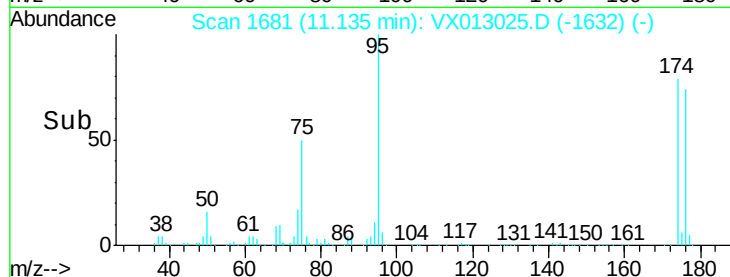
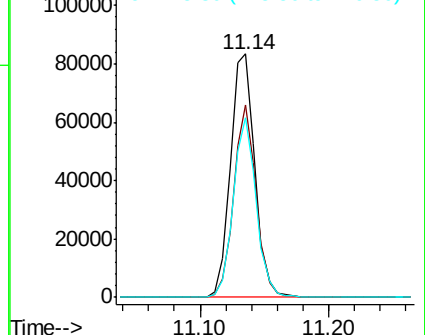
176 69.5 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013025.D

Acq: 11 Oct 2019 18:40

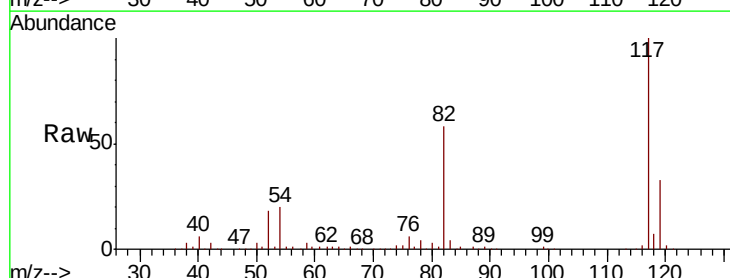
Tgt Ion: 117 Resp: 238694

Ion Ratio Lower Upper

117 100

82 57.7 44.1 66.1

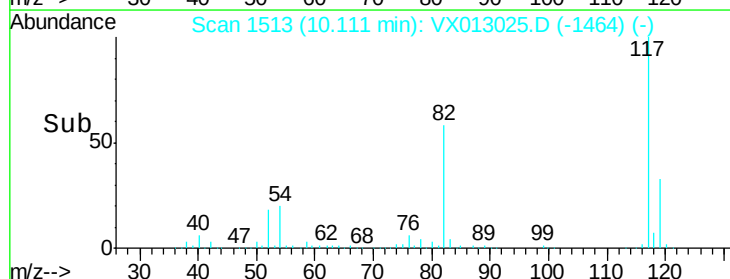
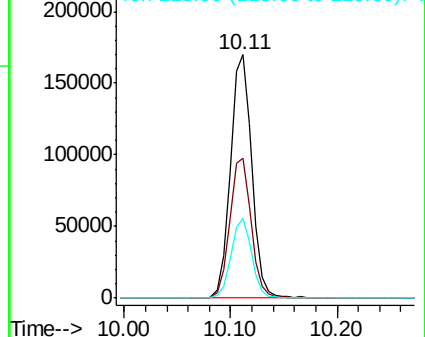
119 32.5 25.8 38.8

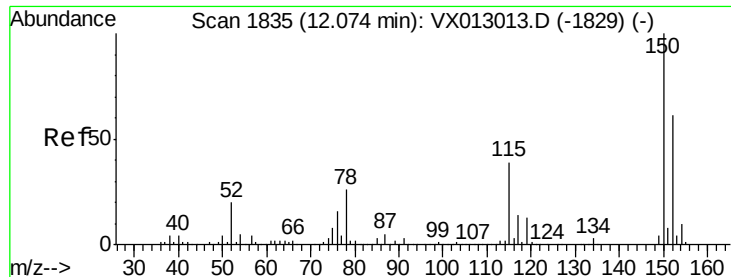


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013025.D

Acq: 11 Oct 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

S49-0557

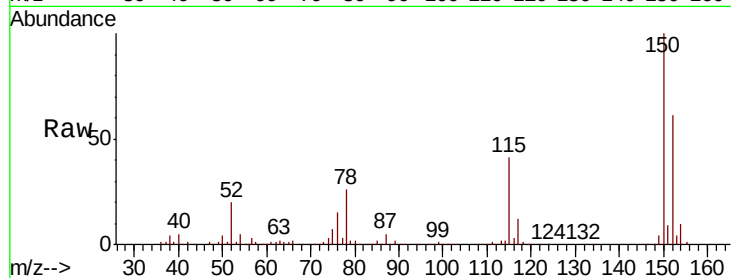
Tot Ion:152 Resp: 93650

Ion Ratio Lower Upper

152 100

115 63.9 44.5 133.5

150 157.3 0.0 353.4



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

