

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012577.D
 Acq On : 20 Sep 2019 23:45
 Operator : JC/SP
 Sample : K4956-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2019-3

Quant Time: Sep 21 03:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119229	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.49	113	84659	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	327836	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.14	95	117198	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	

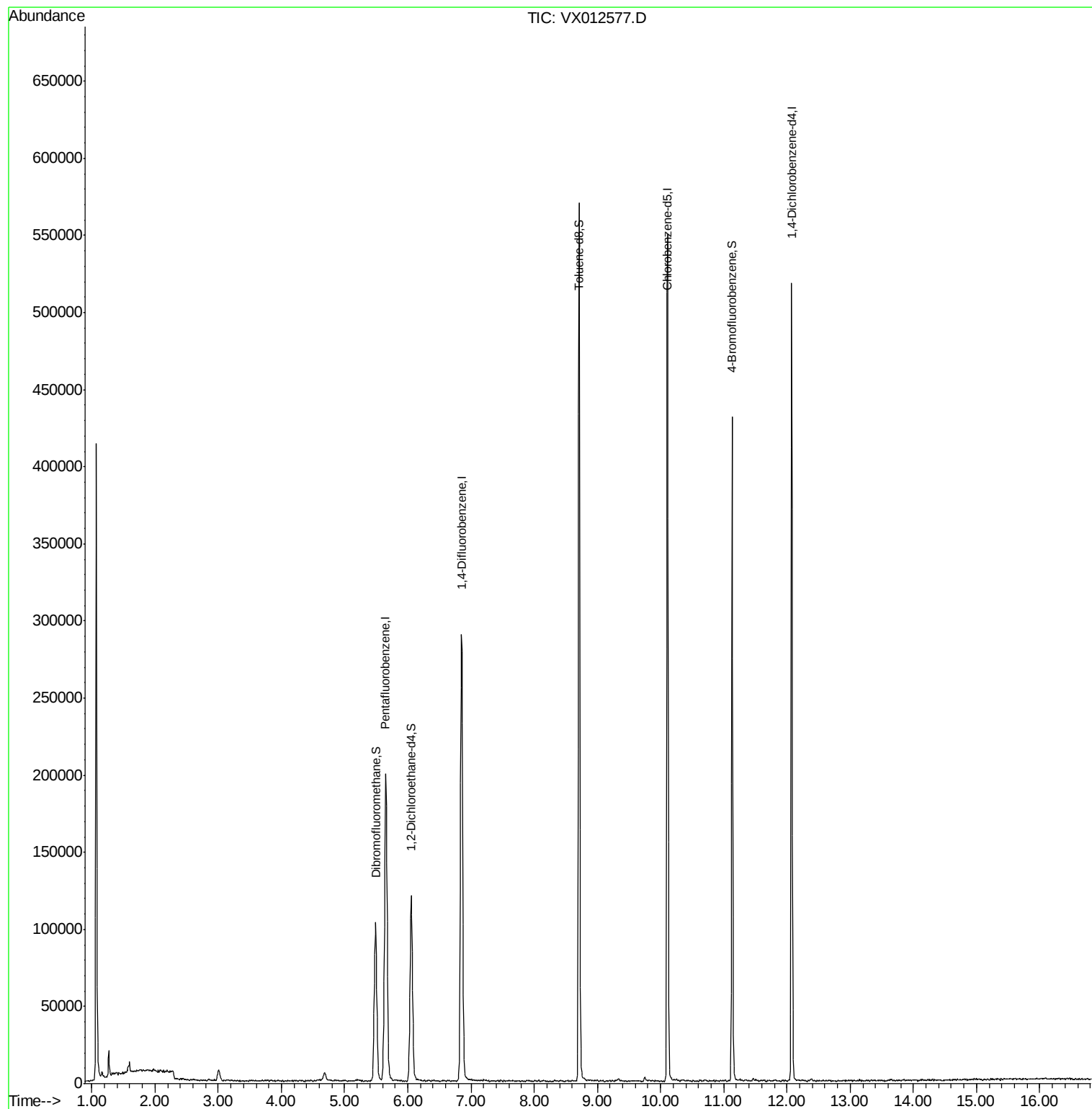
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012577.D

Acq: 20 Sep 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

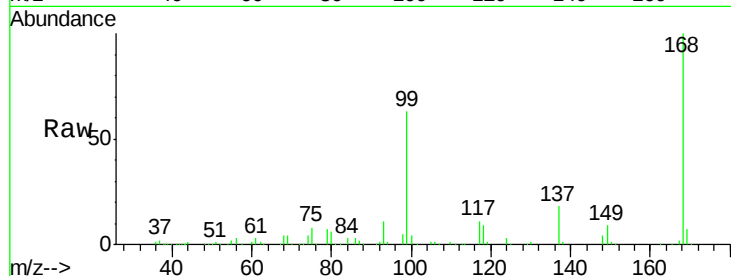
S49-TB-2019-3

Tot Ion:168 Resp: 176424

Ion Ratio Lower Upper

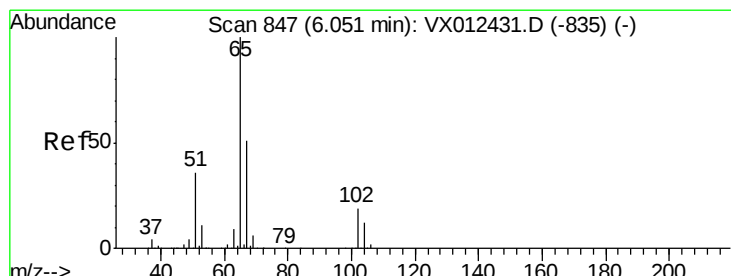
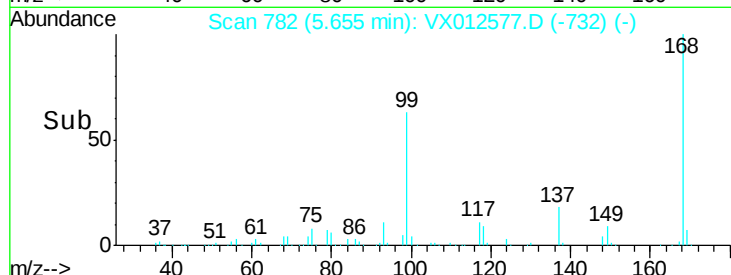
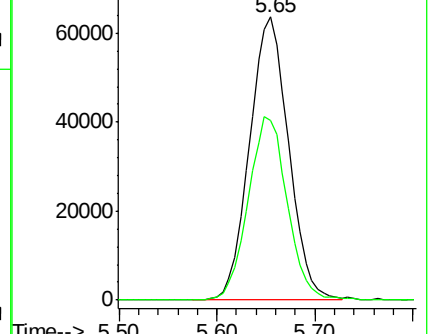
168 100

99 63.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.154 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012577.D

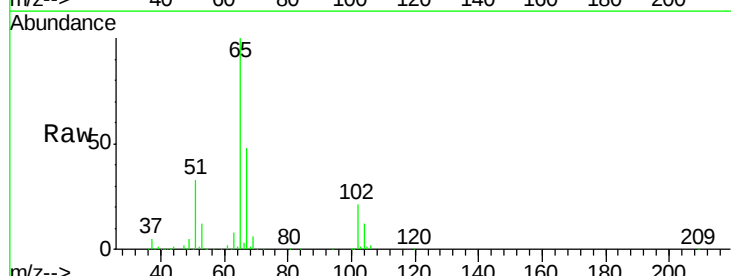
Acq: 20 Sep 2019 23:45

Tgt Ion: 65 Resp: 119229

Ion Ratio Lower Upper

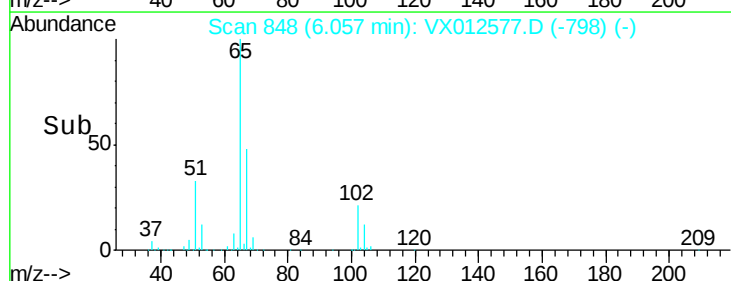
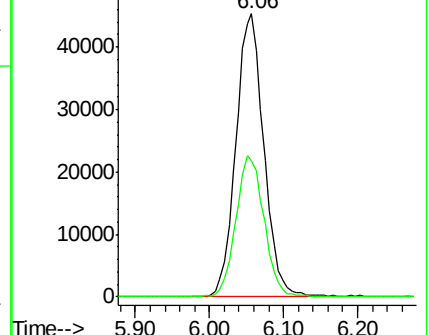
65 100

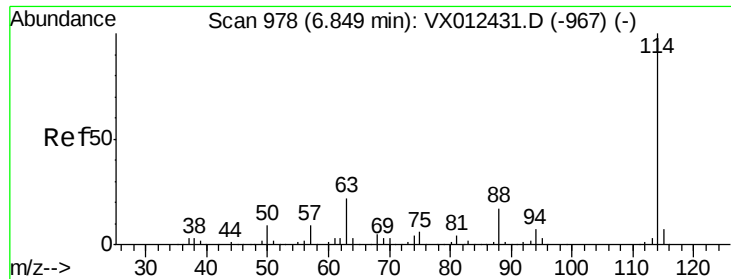
67 50.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

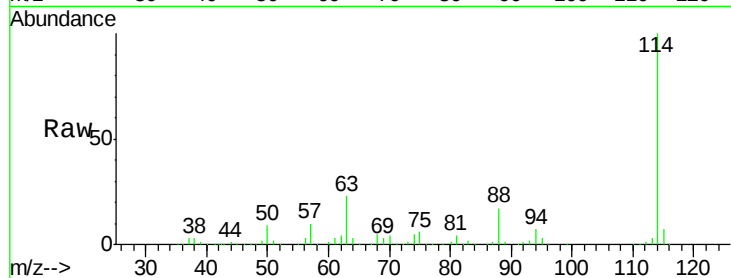




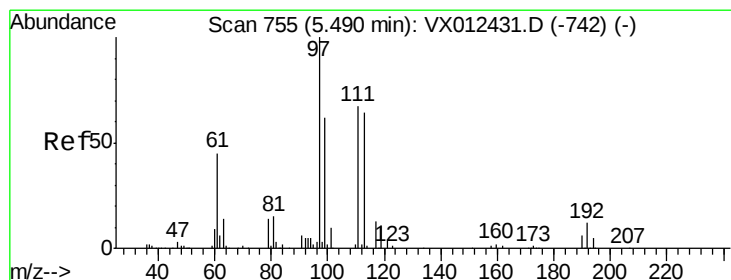
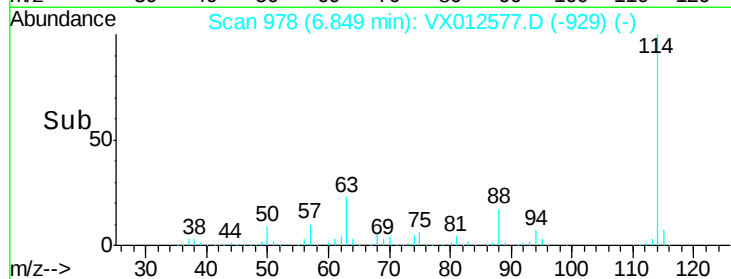
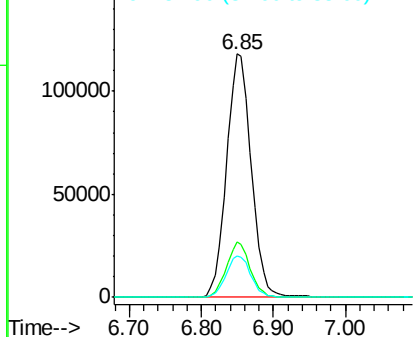
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012577.D
 Acq: 20 Sep 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-TB-2019-3

Tot Ion:114 Resp: 281943
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.2
 88 17.2 0.0 33.2

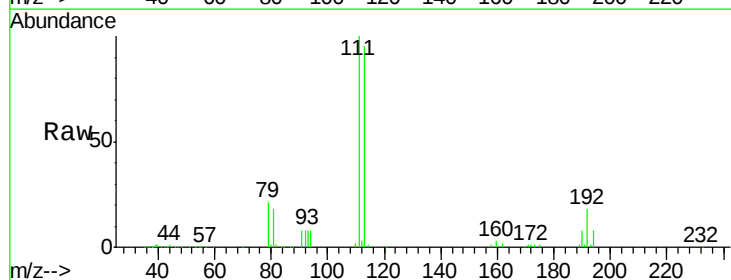


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

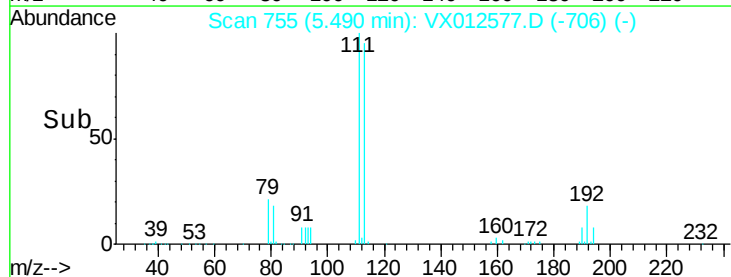
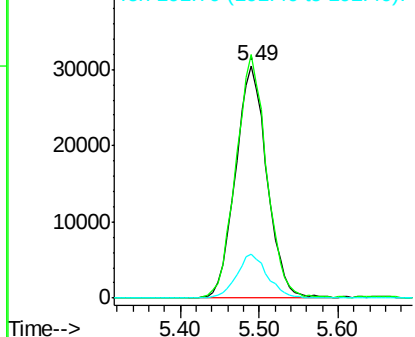


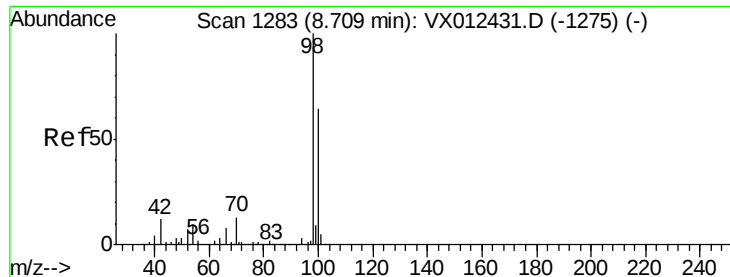
#35
 Dibromofluoromethane
 Concen: 49.610 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012577.D
 Acq: 20 Sep 2019 23:45

Tgt Ion:113 Resp: 84659
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.2
 192 18.5 14.4 21.6



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: 51.902 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012577.D

Acq: 20 Sep 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

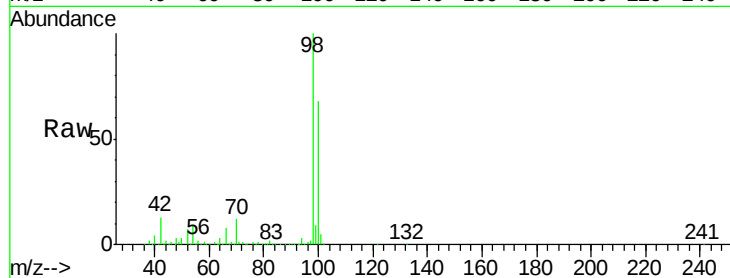
S49-TB-2019-3

Tot Ion: 98 Resp: 327836

Ion Ratio Lower Upper

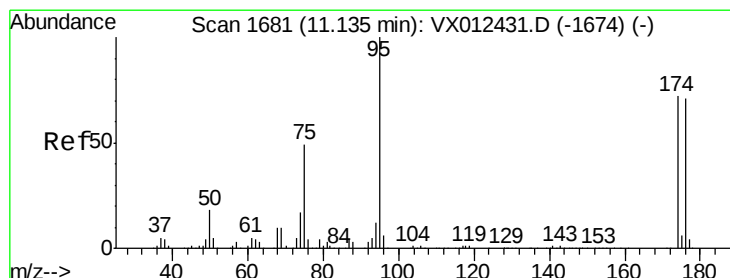
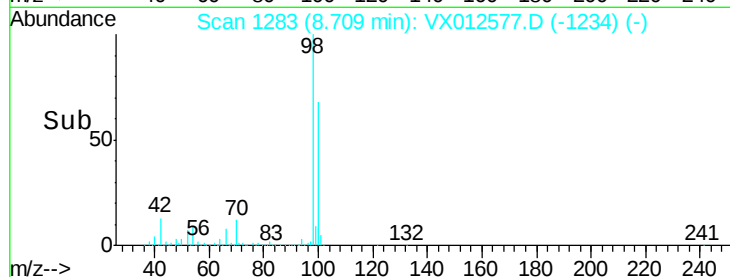
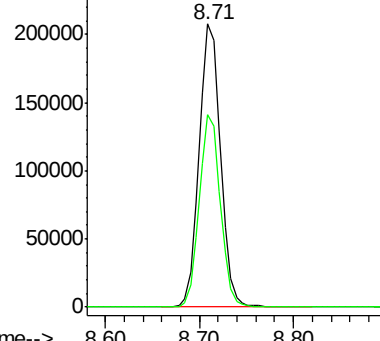
98 100

100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.687 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012577.D

Acq: 20 Sep 2019 23:45

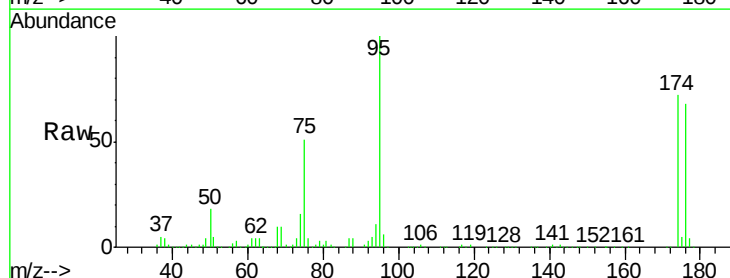
Tgt Ion: 95 Resp: 117198

Ion Ratio Lower Upper

95 100

174 70.6 0.0 140.0

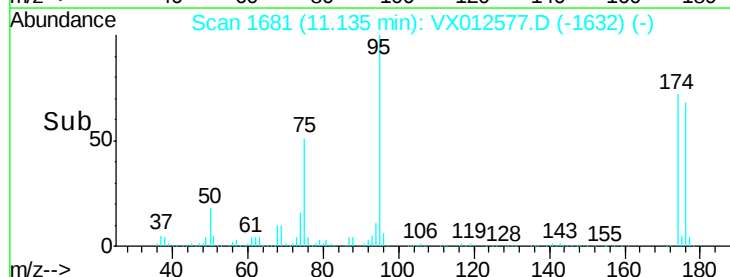
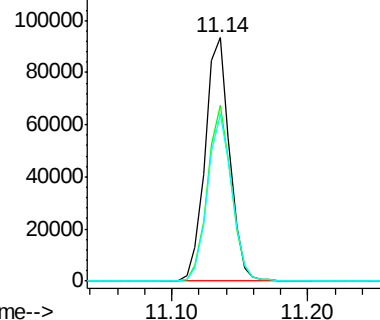
176 68.3 0.0 135.4

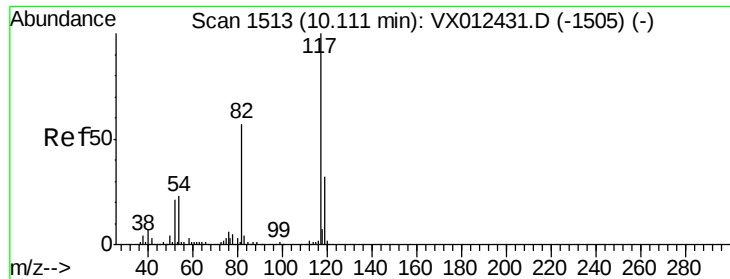


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

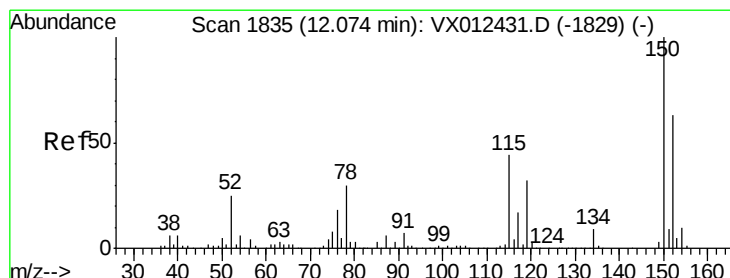
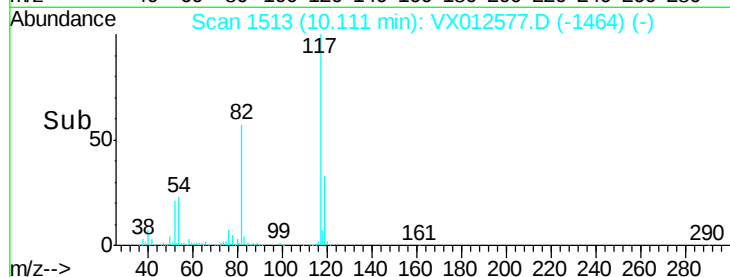
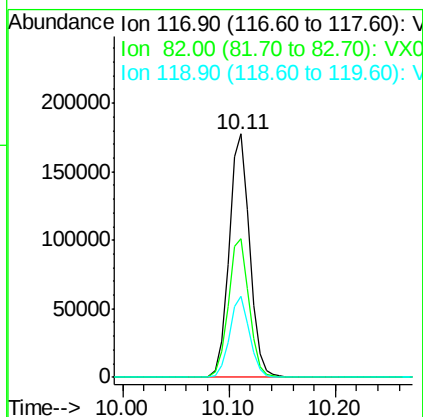
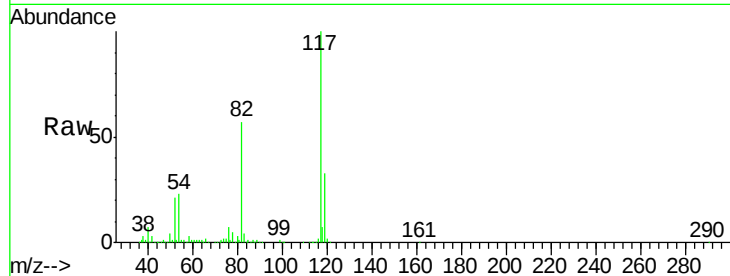




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012577.D
Acq: 20 Sep 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
S49-TB-2019-3

Tot Ion:117 Resp: 240553
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 33.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012577.D
Acq: 20 Sep 2019 23:45

Tgt Ion:152 Resp: 99743
Ion Ratio Lower Upper
152 100
115 61.2 44.1 132.3
150 156.6 0.0 343.8

