

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011477.D
 Acq On : 12 Aug 2019 12:45
 Operator : JC/SP
 Sample : K4262-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB_080819

Quant Time: Aug 13 08:05:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	190052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118947	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104220	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	5.49	113	87803	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	8.71	98	339771	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.13	95	112587	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	

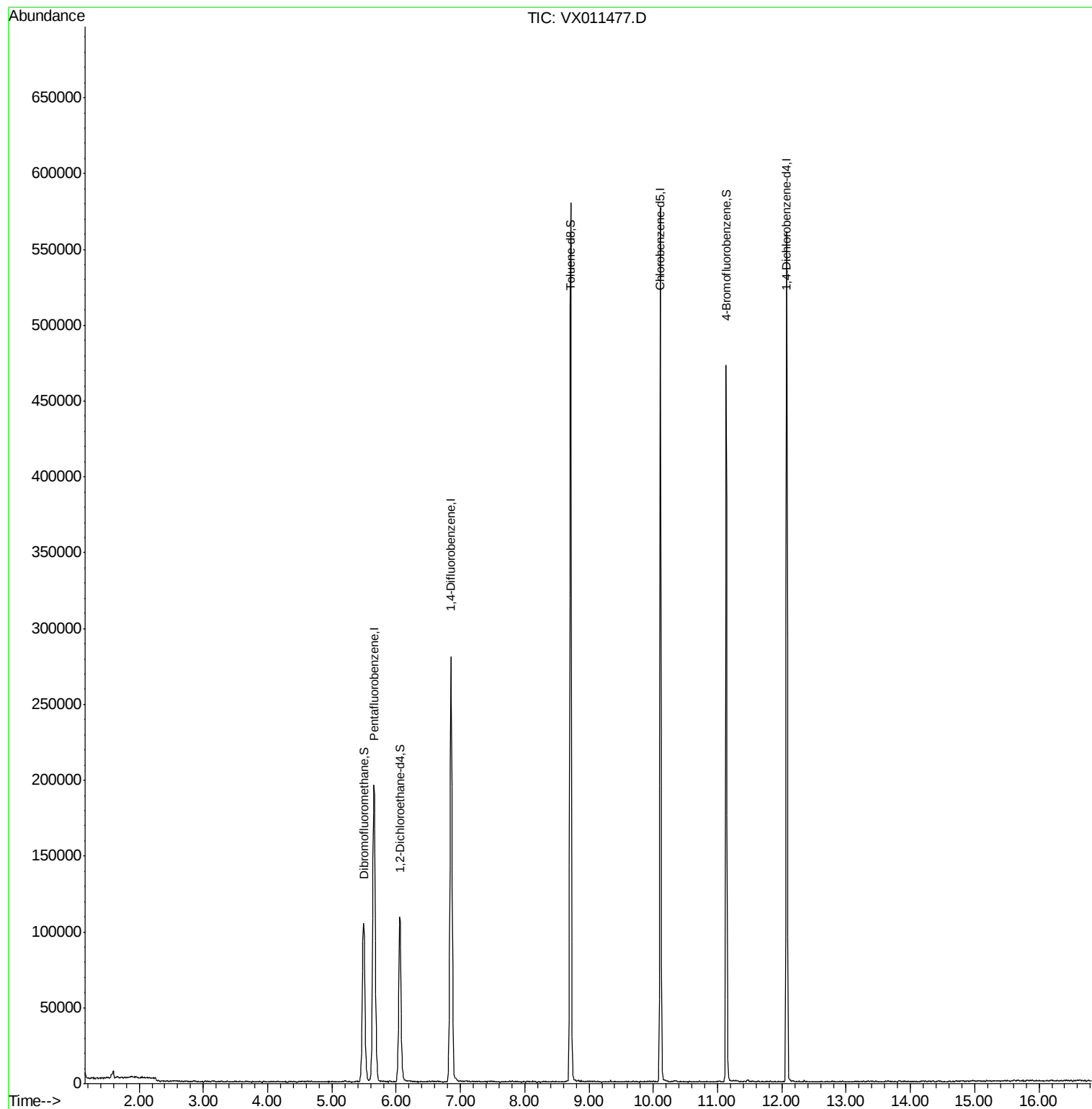
Target Compounds	Qvalue
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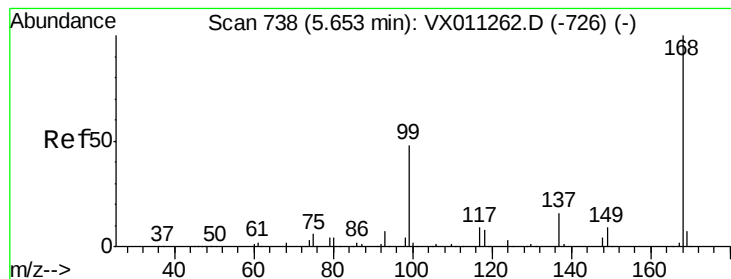
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011477.D

Acq: 12 Aug 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

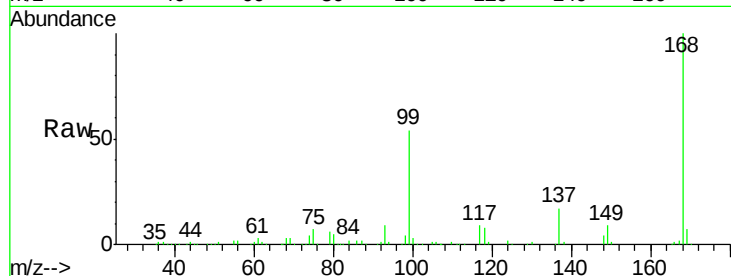
TB_080819

Tot Ion:168 Resp: 190052

Ion Ratio Lower Upper

168 100

99 54.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

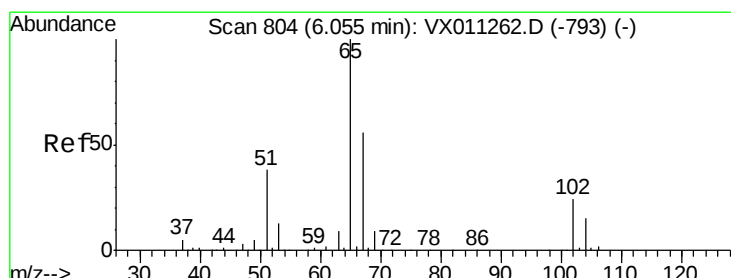
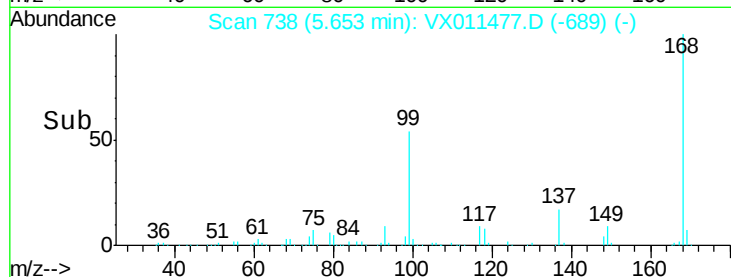
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.454 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011477.D

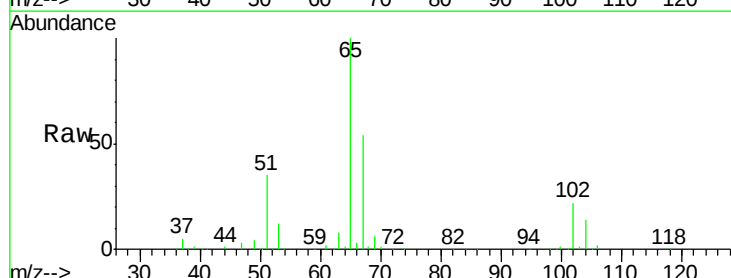
Acq: 12 Aug 2019 12:45

Tgt Ion: 65 Resp: 104220

Ion Ratio Lower Upper

65 100

67 52.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

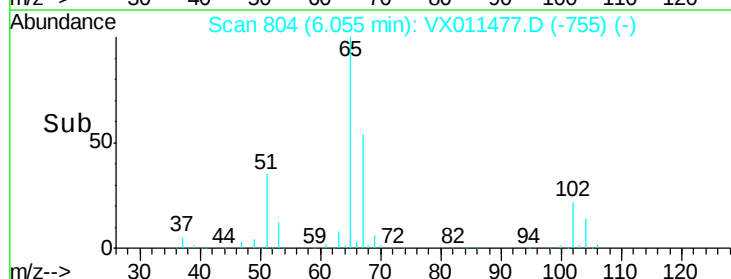
30000

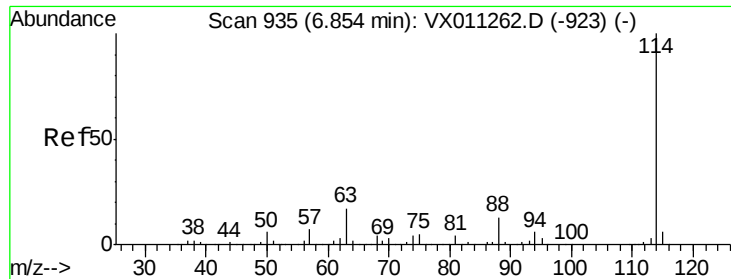
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

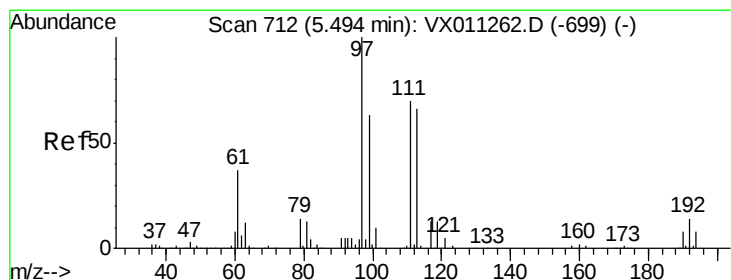
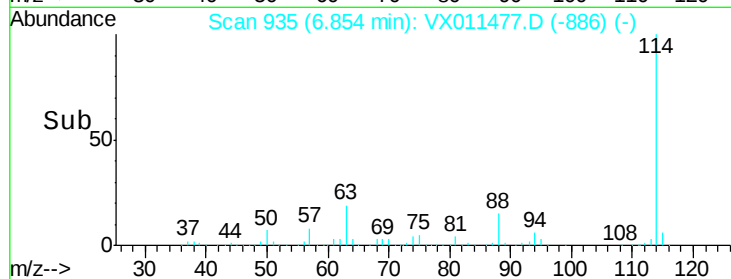
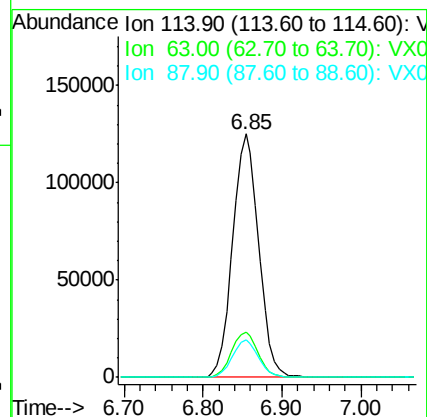
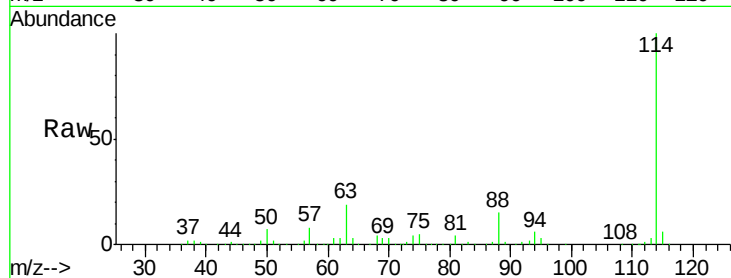




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011477.D
Acq: 12 Aug 2019 12:45

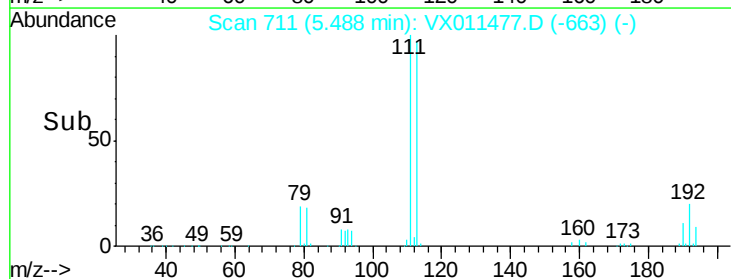
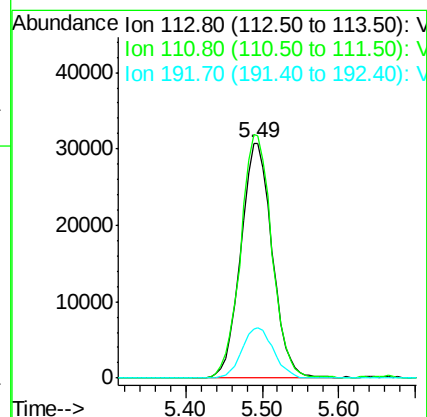
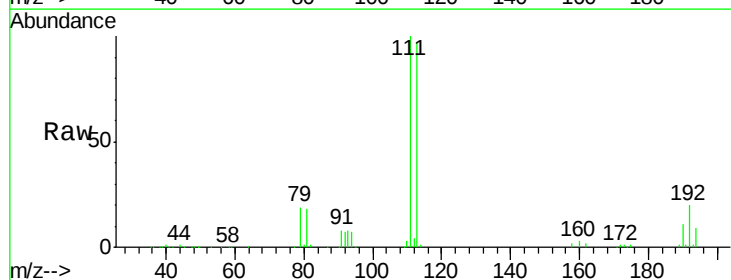
Instrument :
MSVOA_X
ClientSampleId :
TB_080819

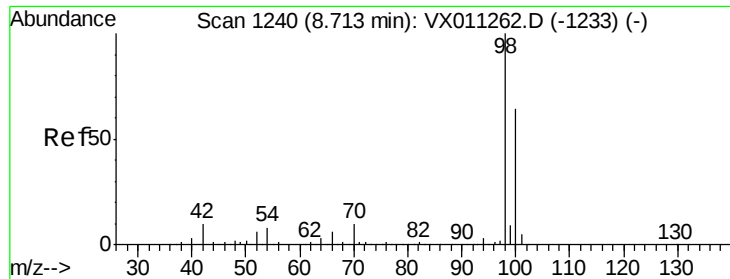
Tot Ion:114 Resp: 286800
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.0
88 15.3 0.0 26.4



#35
Dibromofluoromethane
Concen: 46.892 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011477.D
Acq: 12 Aug 2019 12:45

Tgt Ion:113 Resp: 87803
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 21.5 17.8 26.8





#50

Toluene-d8

Concen: 48.072 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011477.D

Acq: 12 Aug 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

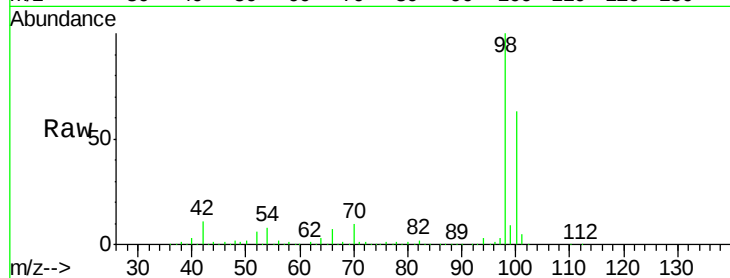
TB_080819

Tot Ion: 98 Resp: 339771

Ion Ratio Lower Upper

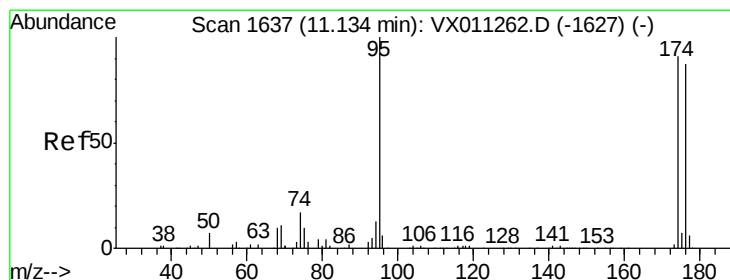
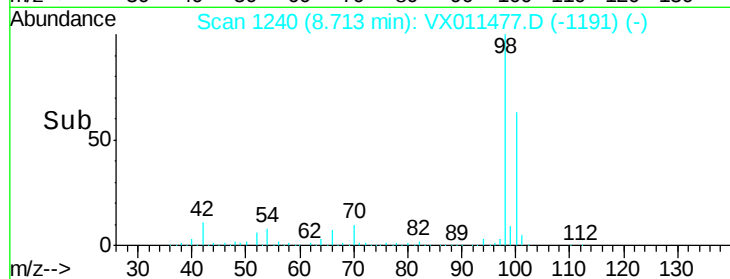
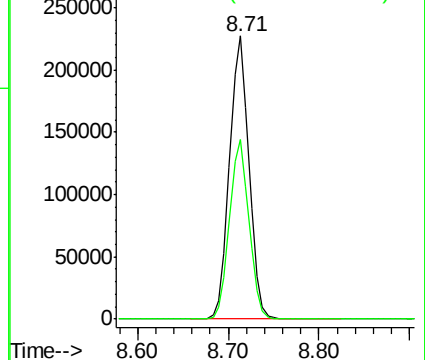
98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.616 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011477.D

Acq: 12 Aug 2019 12:45

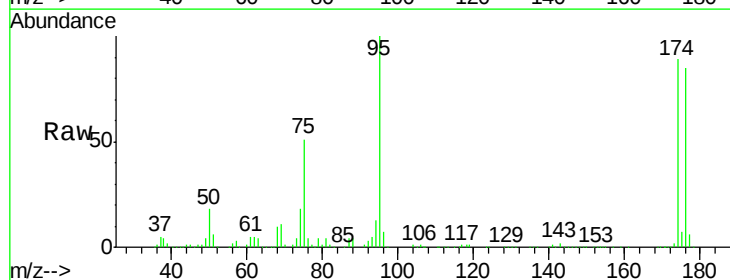
Tgt Ion: 95 Resp: 112587

Ion Ratio Lower Upper

95 100

174 91.0 0.0 191.2

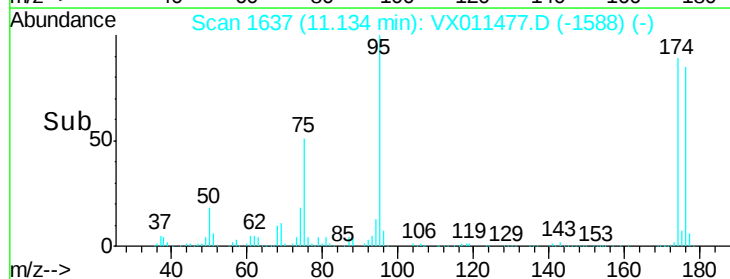
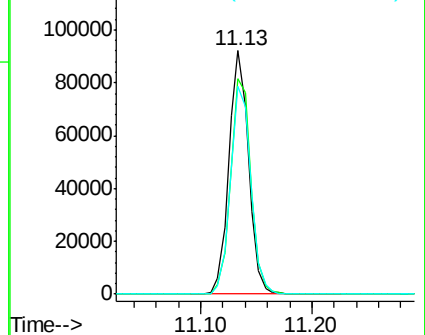
176 88.5 0.0 184.8

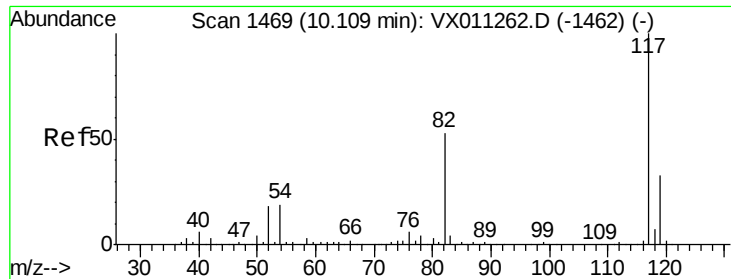


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

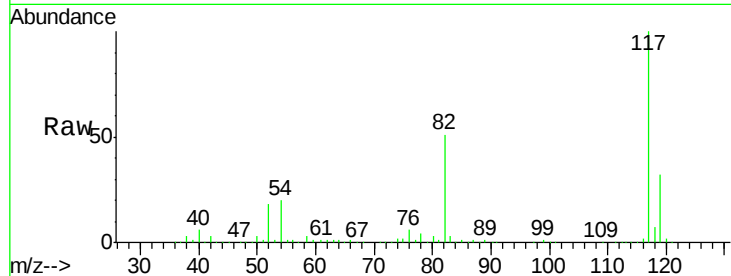




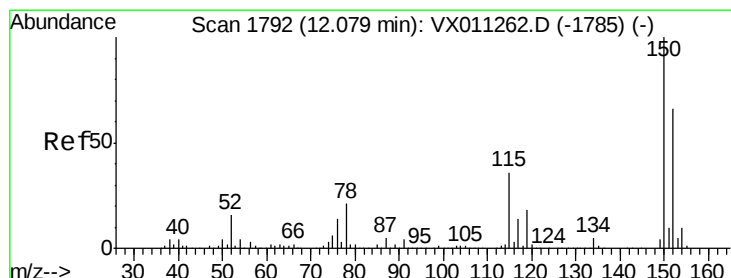
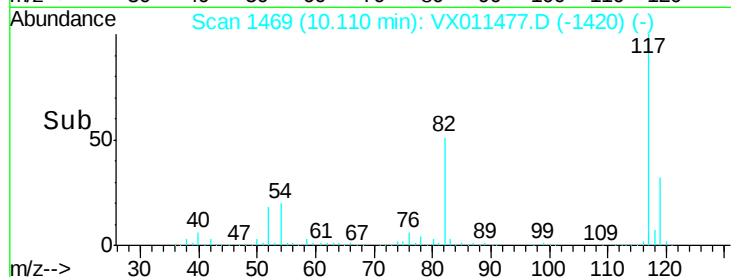
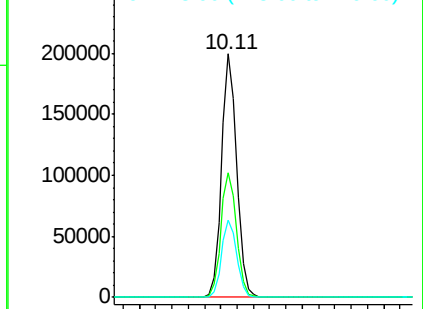
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011477.D
Acq: 12 Aug 2019 12:45

Instrument :
MSVOA_X
ClientSampled :
TB_080819

Tot Ion:117 Resp: 259492
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.2
119 31.5 26.6 39.8

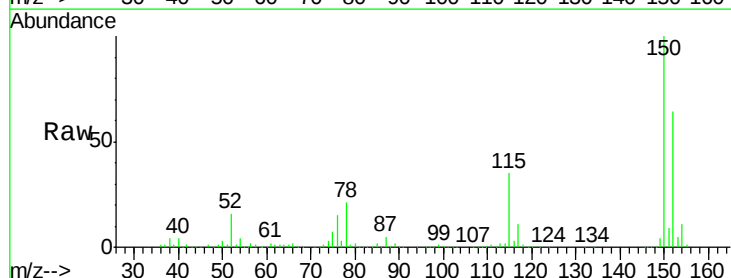


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011477.D
Acq: 12 Aug 2019 12:45

Tgt Ion:152 Resp: 118947
Ion Ratio Lower Upper
152 100
115 55.9 40.0 119.9
150 157.7 0.0 350.4



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

