

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011540.D
 Acq On : 13 Aug 2019 16:51
 Operator : JC/SP
 Sample : K4336-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190812

Quant Time: Aug 14 02:21:37 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	5.66	168	203831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125408	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113186	55.14	ug/l	0.00
Spiked Amount						
			Recovery	=	110.28%	
35) Dibromofluoromethane	5.49	113	92935	46.60	ug/l	0.00
Spiked Amount						
			Recovery	=	93.20%	
50) Toluene-d8	8.71	98	356226	47.32	ug/l	0.00
Spiked Amount						
			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.13	95	121152	45.07	ug/l	0.00
Spiked Amount						
			Recovery	=	90.14%	

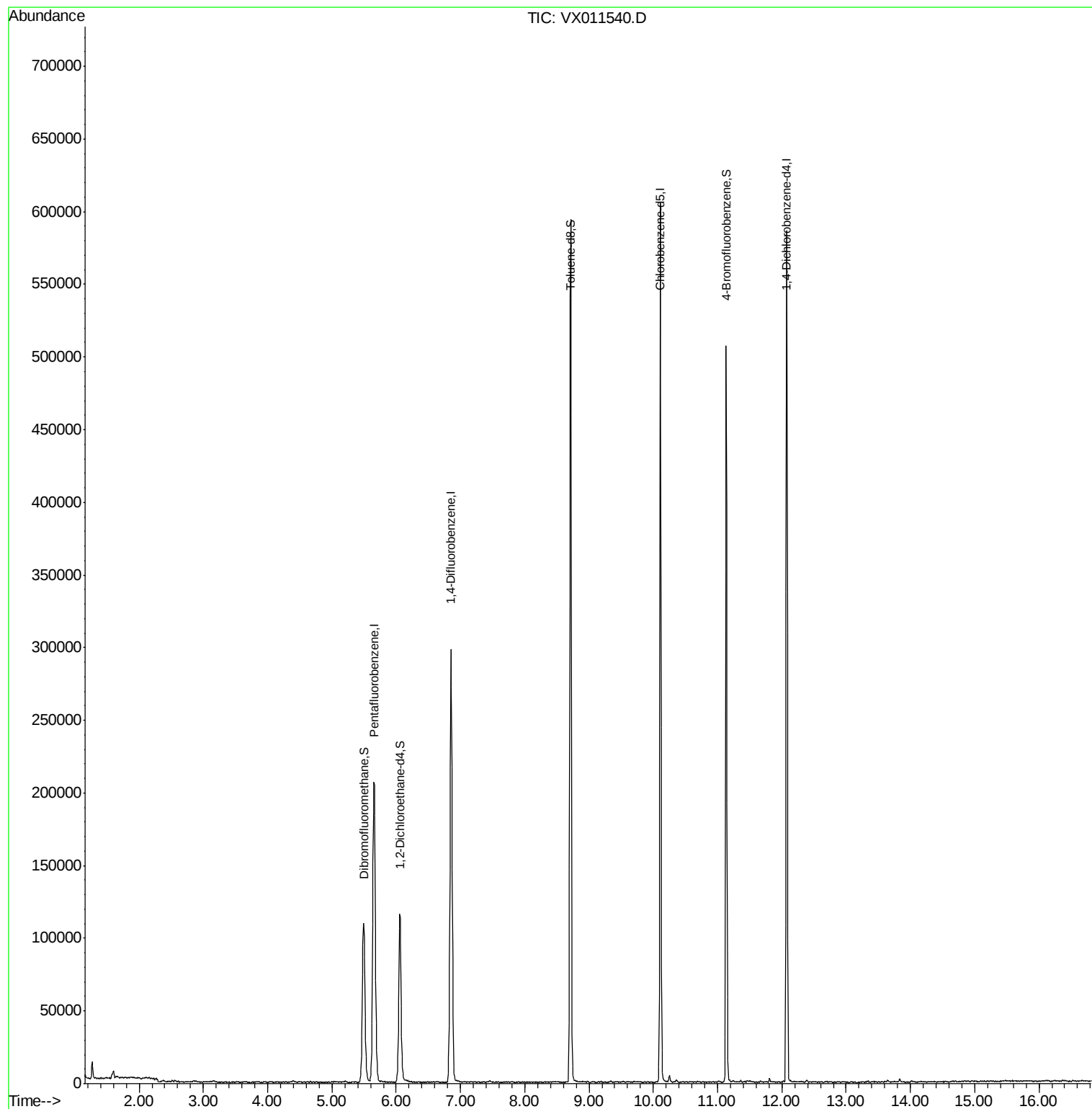
Target Compounds	Qvalue
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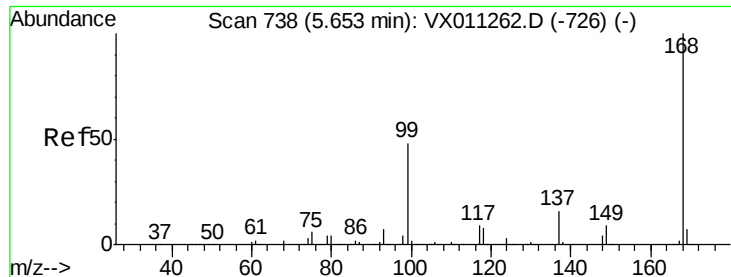
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011540.D

Acq: 13 Aug 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

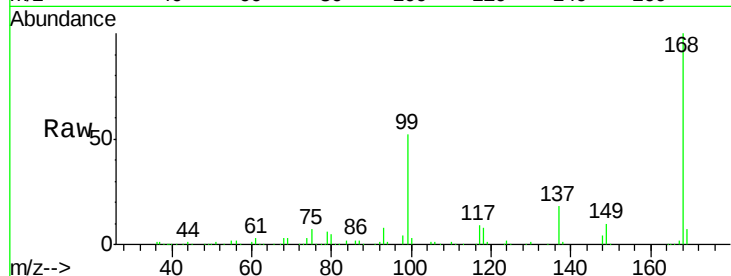
TB-01-190812

Tot Ion:168 Resp: 203831

Ion Ratio Lower Upper

168 100

99 51.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

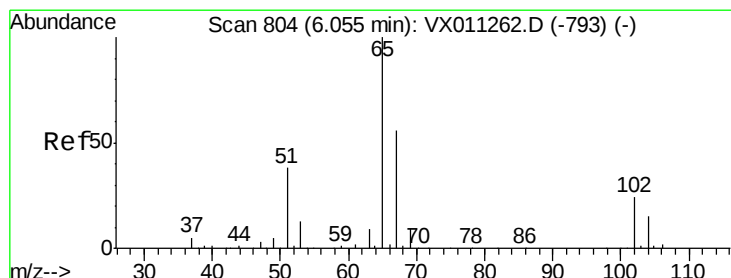
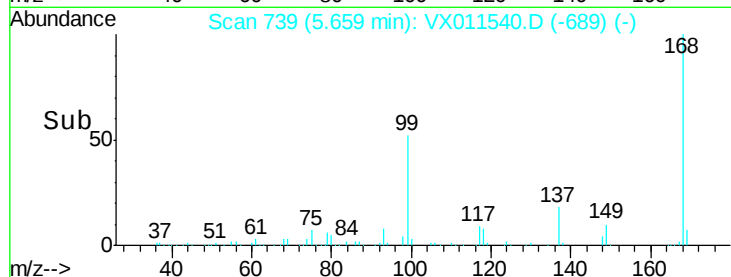
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.140 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011540.D

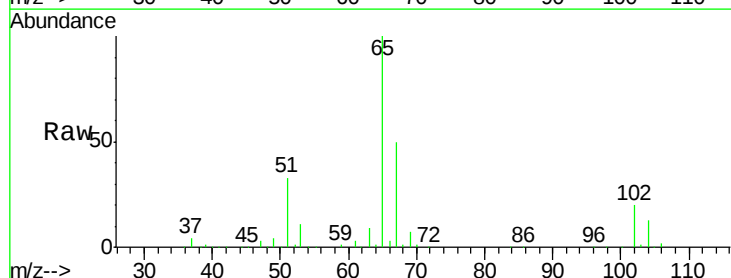
Acq: 13 Aug 2019 16:51

Tgt Ion: 65 Resp: 113186

Ion Ratio Lower Upper

65 100

67 51.1 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

50000

40000

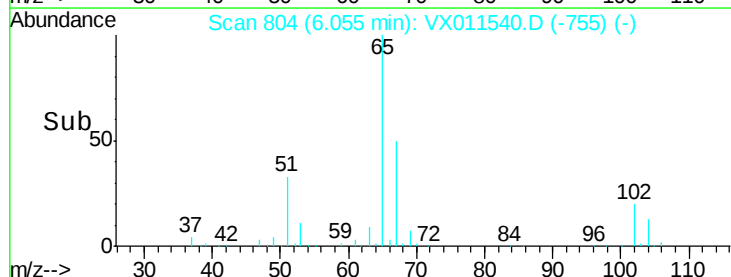
30000

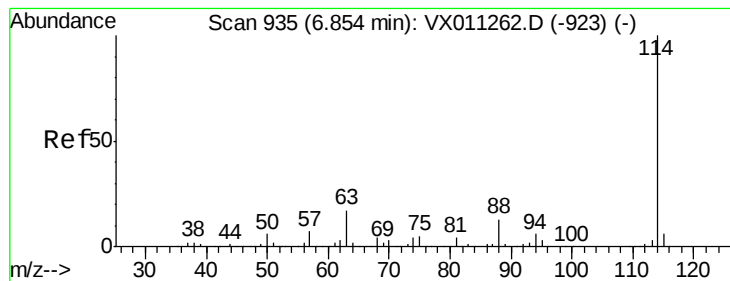
20000

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: VX011540.D

Acq: 13 Aug 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

TB-01-190812

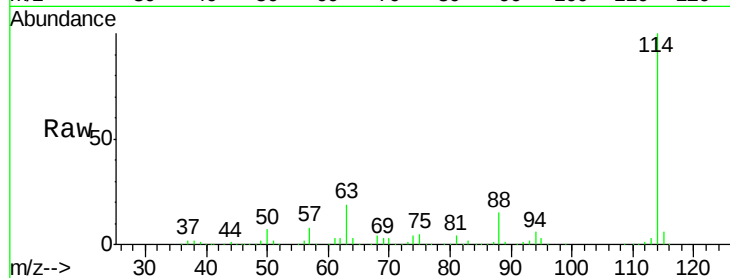
Tot Ion:114 Resp: 305481

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

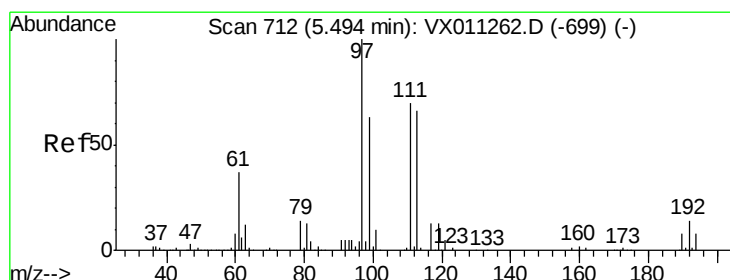
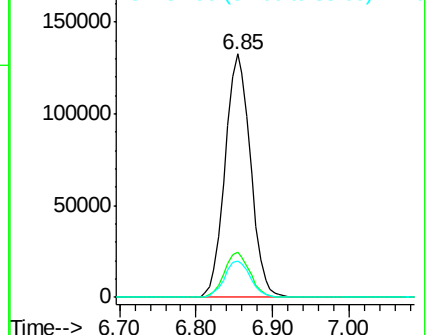
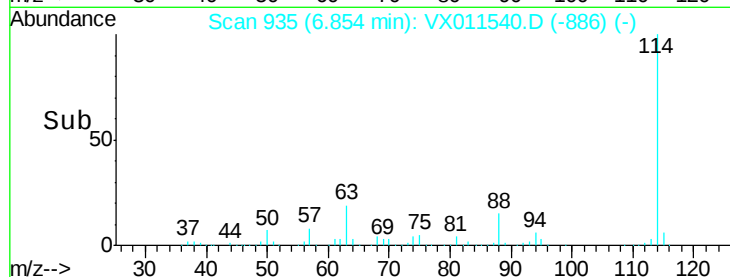
88 14.8 0.0 26.4



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: 46.598 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011540.D

Acq: 13 Aug 2019 16:51

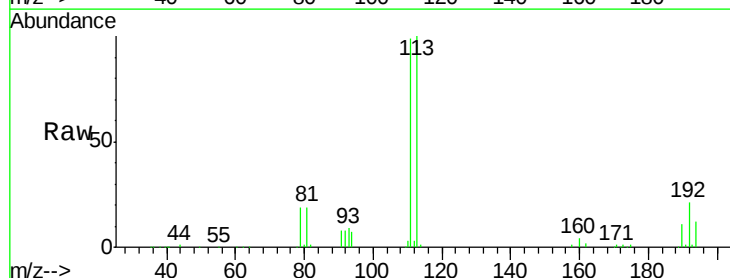
Tgt Ion:113 Resp: 92935

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

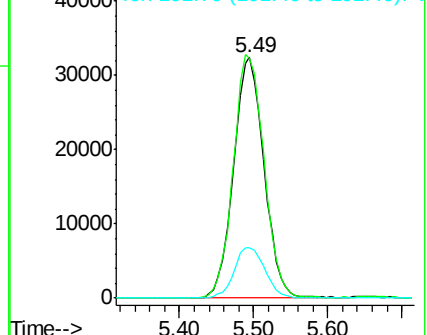
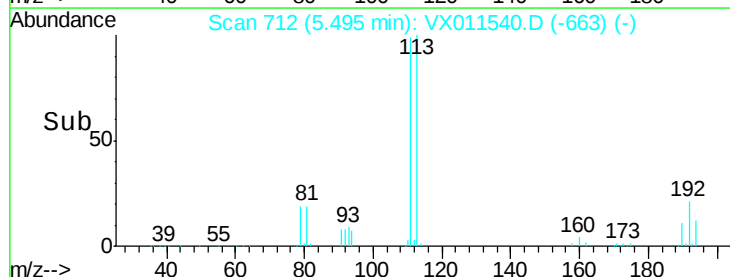
192 21.4 17.8 26.8

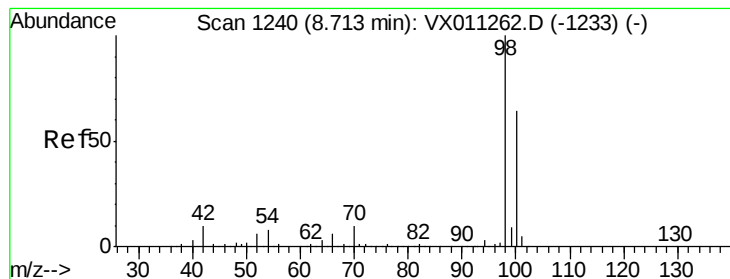


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.318 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011540.D

Acq: 13 Aug 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

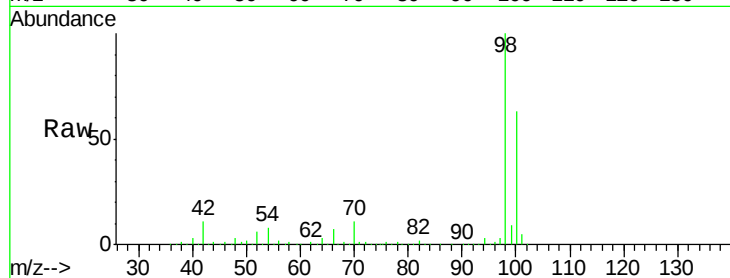
TB-01-190812

Tot Ion: 98 Resp: 356226

Ion Ratio Lower Upper

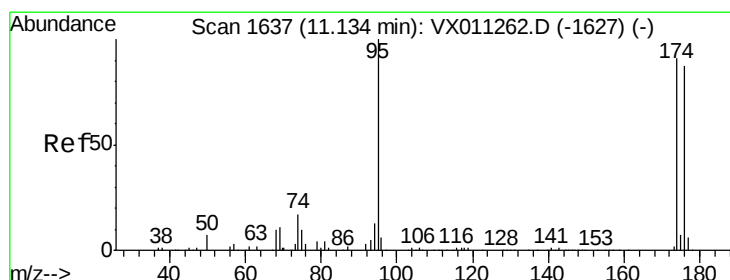
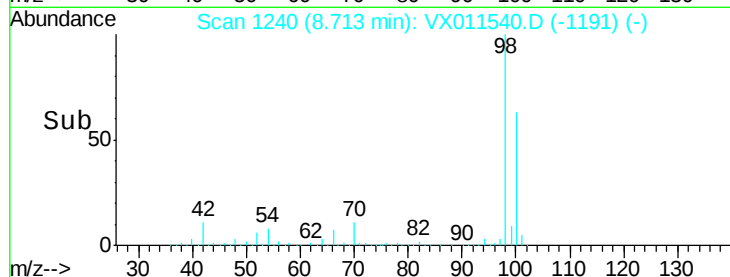
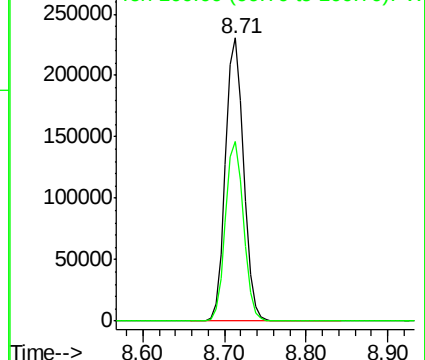
98 100

100 63.4 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: 45.074 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011540.D

Acq: 13 Aug 2019 16:51

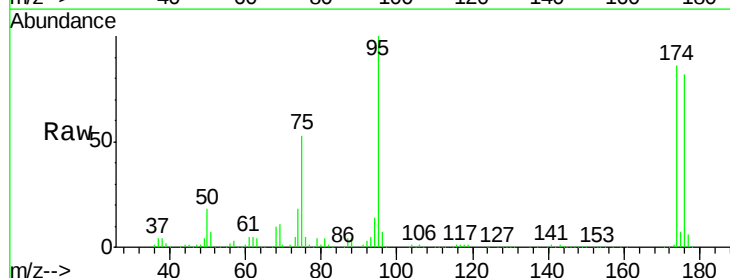
Tgt Ion: 95 Resp: 121152

Ion Ratio Lower Upper

95 100

174 89.4 0.0 191.2

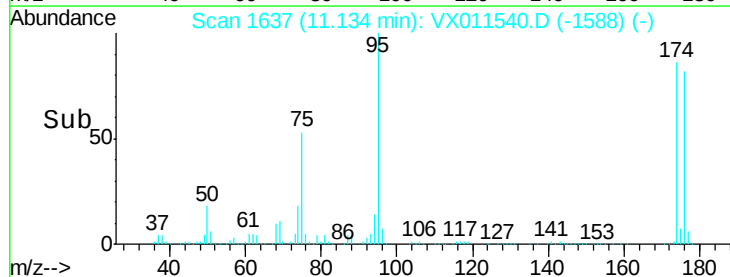
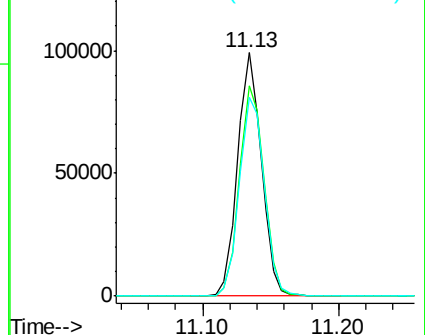
176 85.8 0.0 184.8

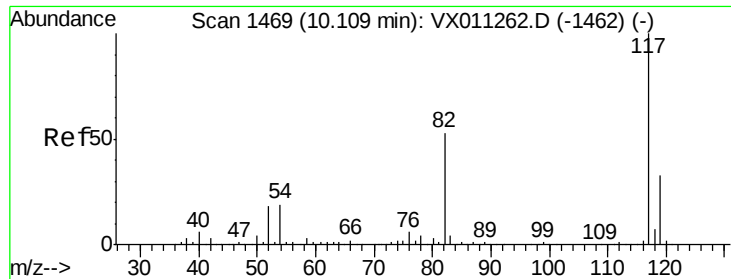


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

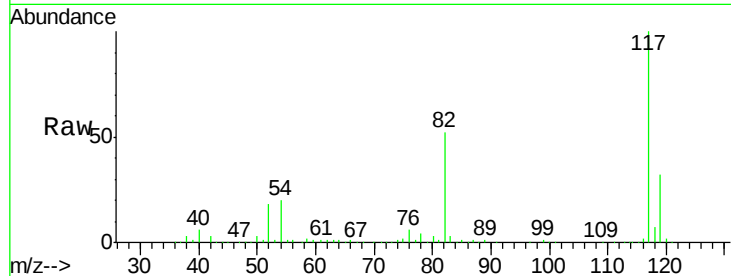




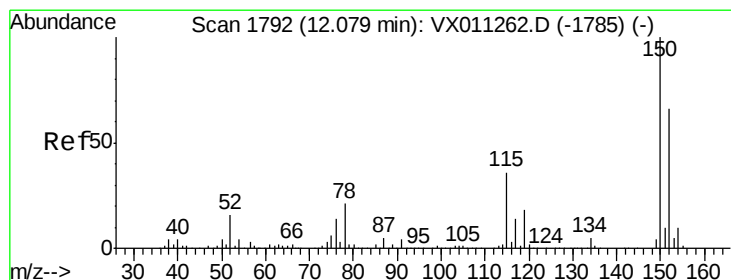
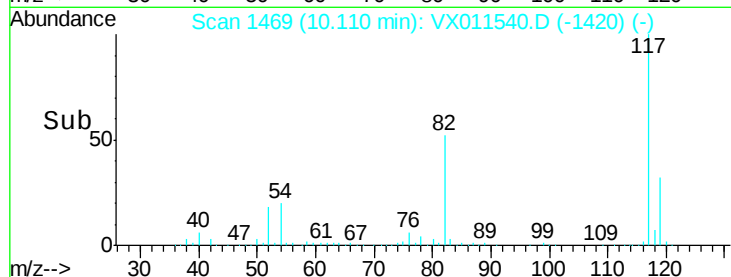
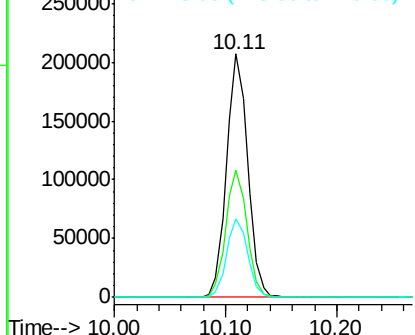
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011540.D
Acq: 13 Aug 2019 16:51

Instrument :
MSVOA_X
ClientSampled :
TB-01-190812

Tot Ion:117 Resp: 273072
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.4 26.6 39.8

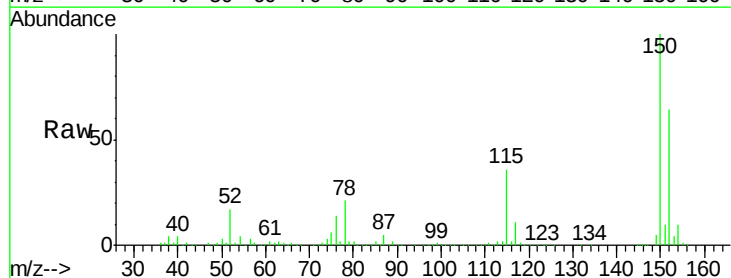


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011540.D
Acq: 13 Aug 2019 16:51

Tgt Ion:152 Resp: 125408
Ion Ratio Lower Upper
152 100
115 57.5 40.0 119.9
150 156.4 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

