

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011500.D
 Acq On : 12 Aug 2019 22:29
 Operator : JC/SP
 Sample : VX0812WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBL02

Quant Time: Aug 13 09:03:16 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	186582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112867	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	103164	54.90	ug/l	0.00
Spiked Amount						
			Recovery	=	109.80%	
35) Dibromofluoromethane	5.49	113	87120	47.45	ug/l	0.00
Spiked Amount						
			Recovery	=	94.90%	
50) Toluene-d8	8.71	98	326984	47.18	ug/l	0.00
Spiked Amount						
			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	106692	43.12	ug/l	0.00
Spiked Amount						
			Recovery	=	86.24%	

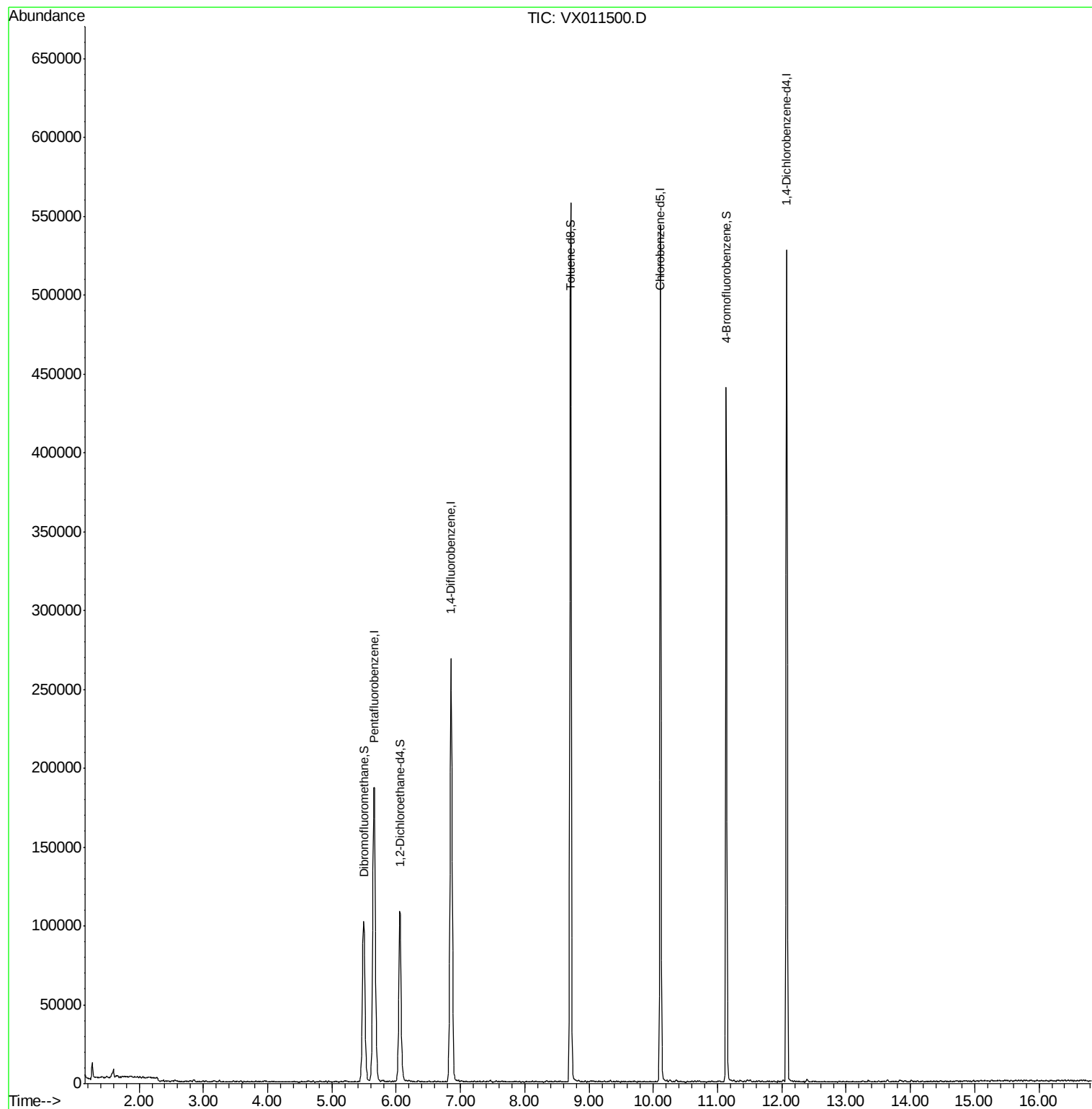
Target Compounds	Qvalue
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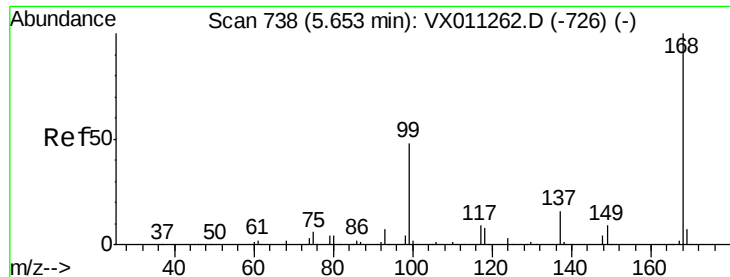
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011500.D

Acq: 12 Aug 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

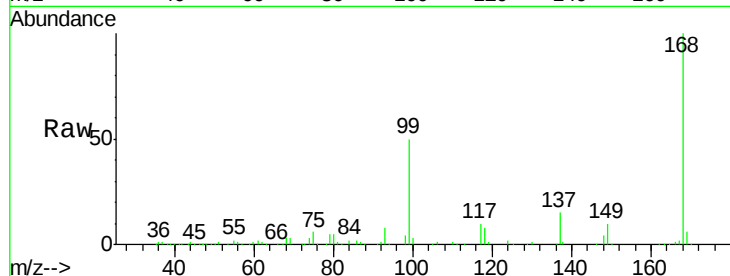
VX0812WBL02

Tot Ion:168 Resp: 186582

Ion Ratio Lower Upper

168 100

99 50.2 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

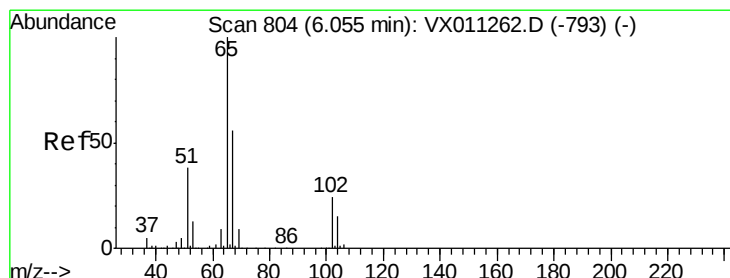
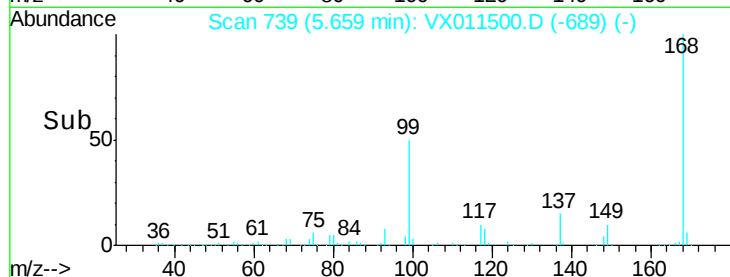
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.904 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX011500.D

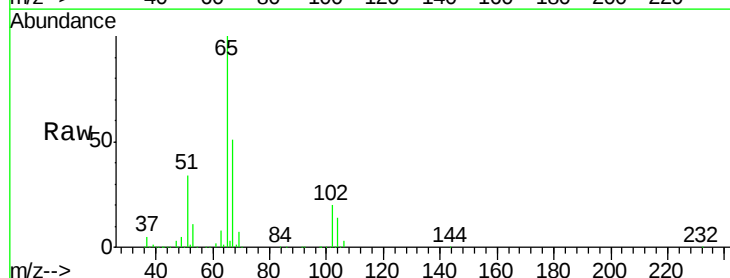
Acq: 12 Aug 2019 22:29

Tgt Ion: 65 Resp: 103164

Ion Ratio Lower Upper

65 100

67 52.1 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

40000

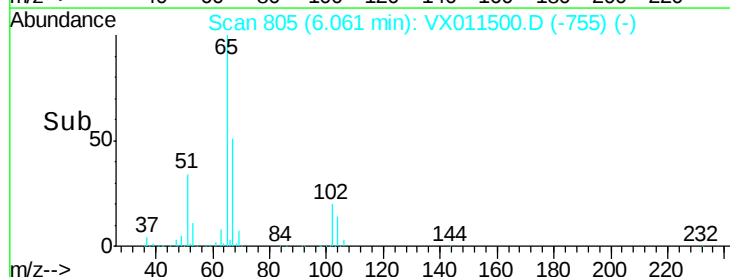
30000

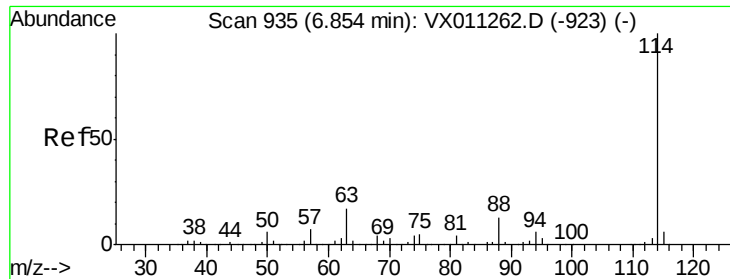
20000

10000

0

Time--> 6.00 6.10 6.20

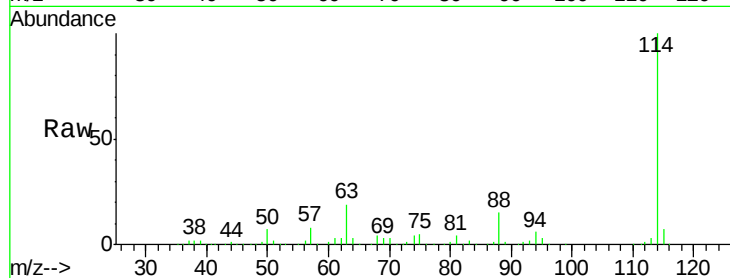




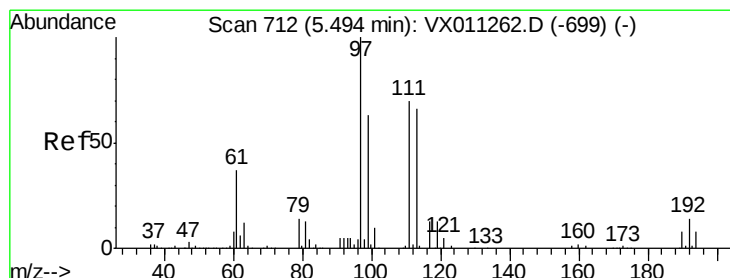
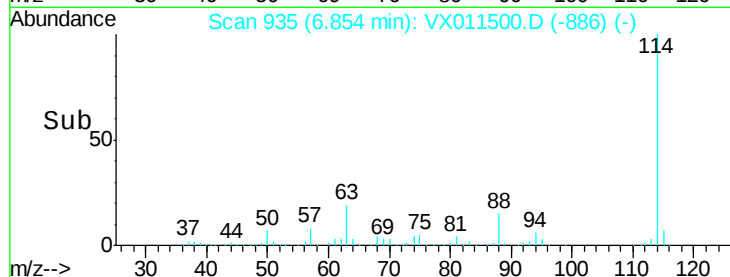
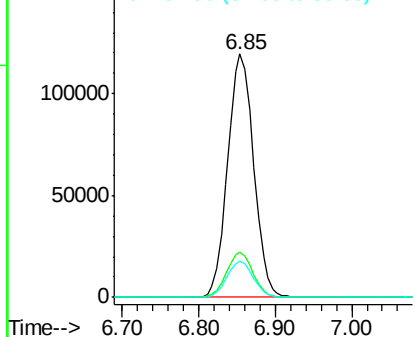
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011500.D
 Acq: 12 Aug 2019 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBL02

Tot Ion:114 Resp: 281219
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.0
 88 15.1 0.0 26.4

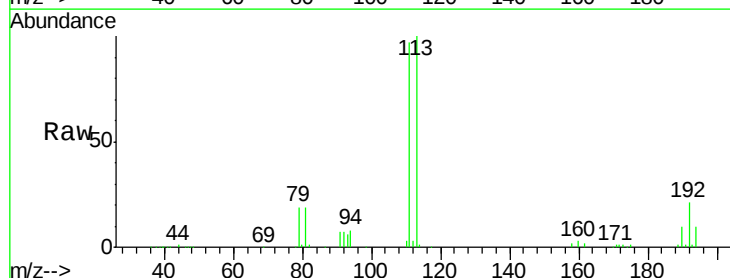


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

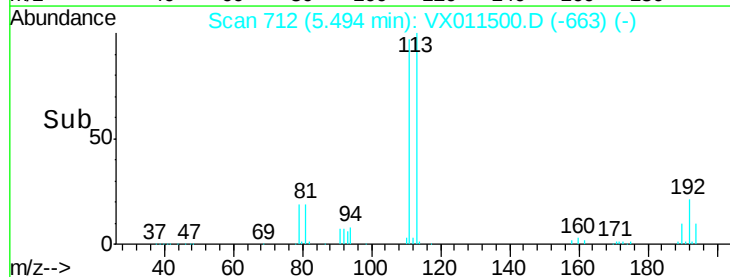
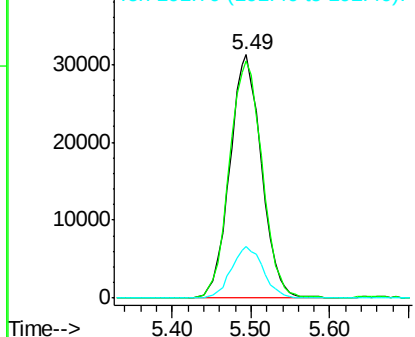


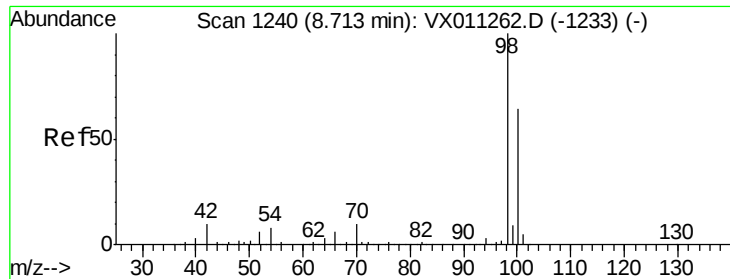
#35
 Dibromofluoromethane
 Concen: 47.451 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011500.D
 Acq: 12 Aug 2019 22:29

Tgt Ion:113 Resp: 87120
 Ion Ratio Lower Upper
 113 100
 111 100.8 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: 47.181 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011500.D

Acq: 12 Aug 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

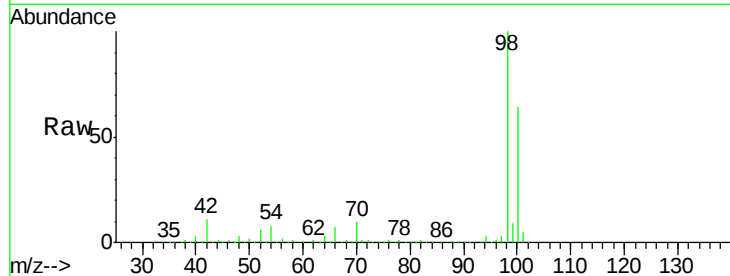
VX0812WBL02

Tot Ion: 98 Resp: 326984

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

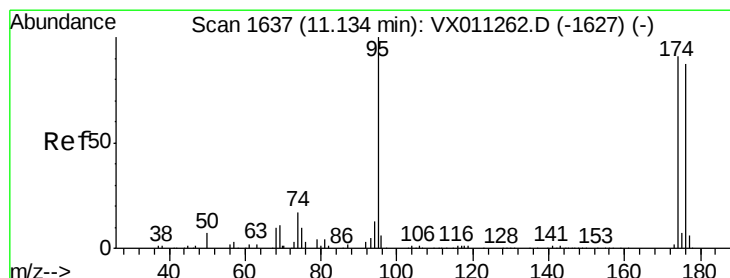
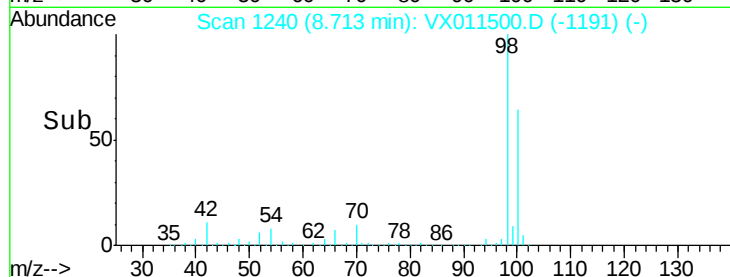
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 43.119 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011500.D

Acq: 12 Aug 2019 22:29

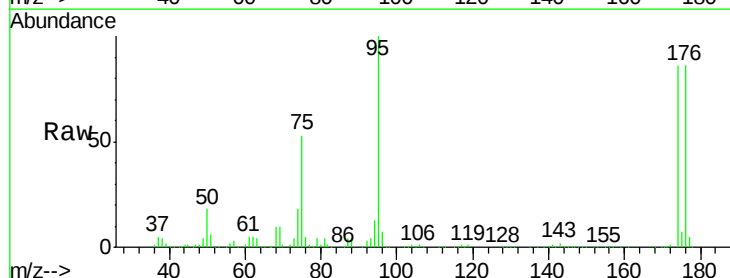
Tgt Ion: 95 Resp: 106692

Ion Ratio Lower Upper

95 100

174 90.8 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

120000

100000

80000

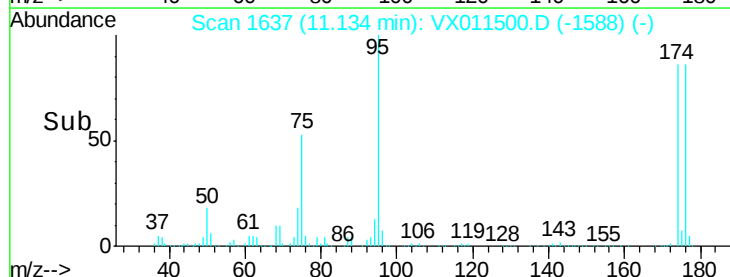
60000

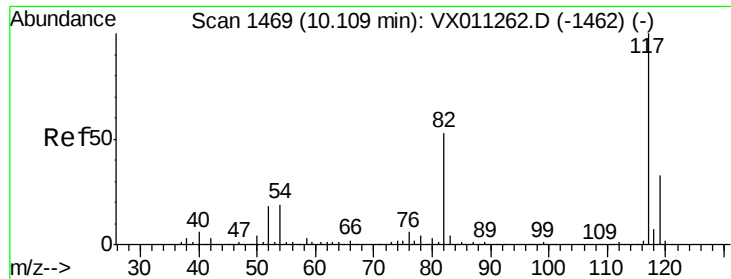
40000

20000

0

Time--> 11.05 11.10 11.15 11.20

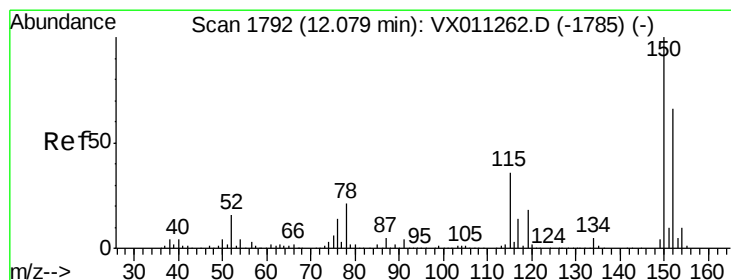
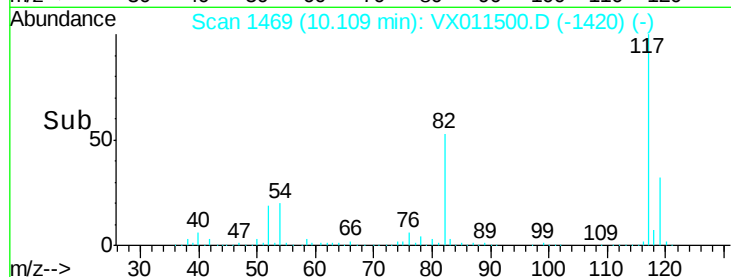
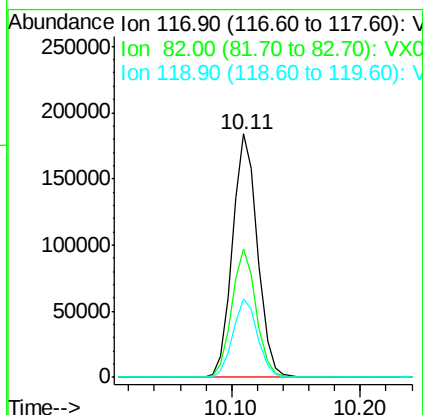
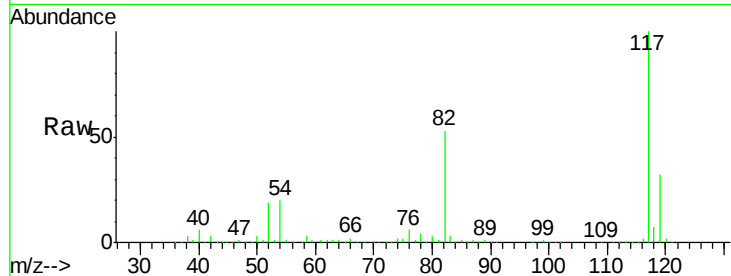




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011500.D
Acq: 12 Aug 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.2
119	32.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011500.D
Acq: 12 Aug 2019 22:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	40.0	119.9
150	155.8	0.0	350.4

