

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004508.D
 Acq On : 13 Sep 2018 11:33
 Operator : JC/MD
 Sample : VX0913WBL01
 Misc : 5.00mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBL01

Quant Time: Sep 14 04:18:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185348	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166680	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	5.49	113	150952	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.71	98	497278	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	11.14	95	175266	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	

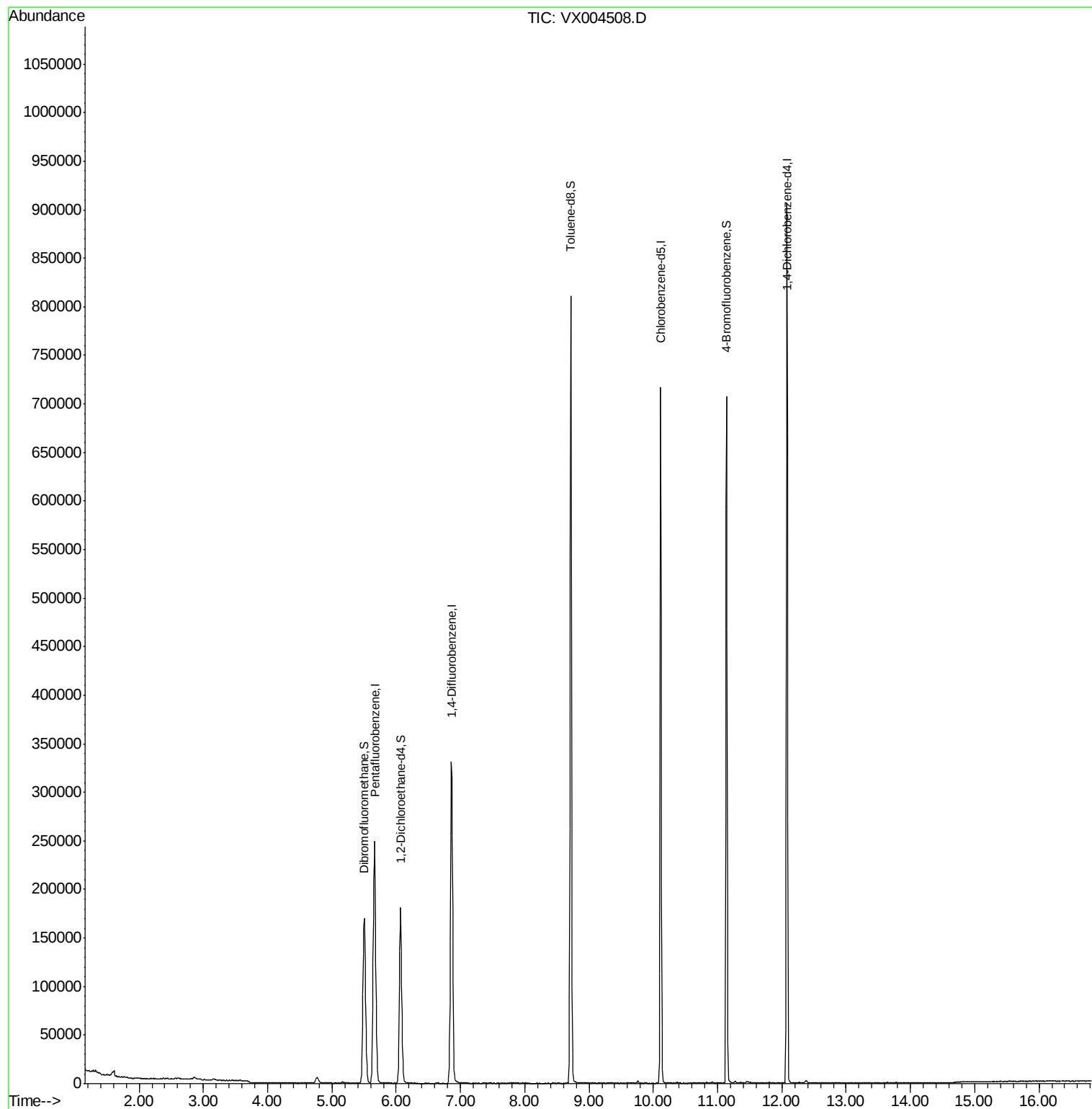
Target Compounds	Qvalue

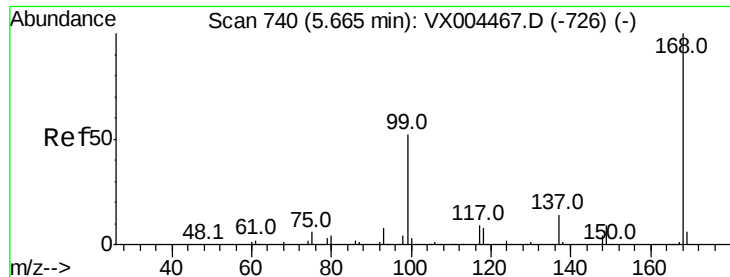
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004508.D

Acq: 13 Sep 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

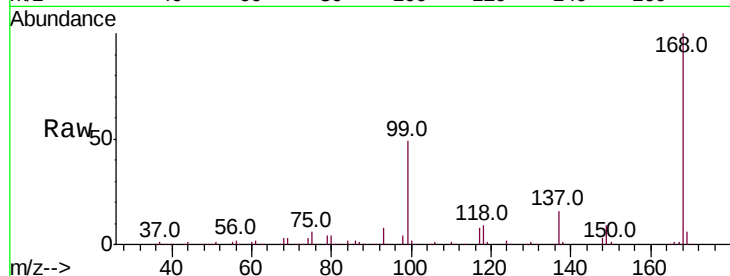
VX0913WBL01

Tot Ion:168 Resp: 252047

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

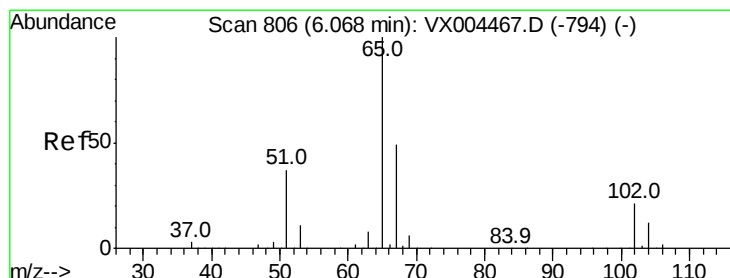
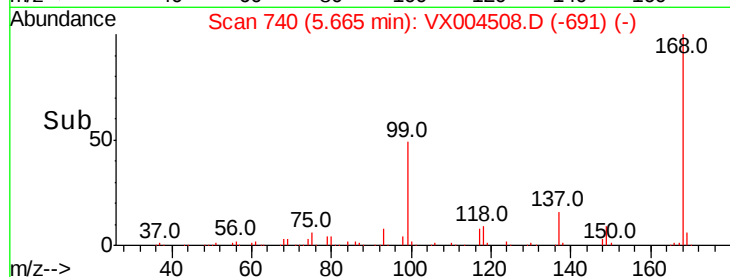
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.288 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004508.D

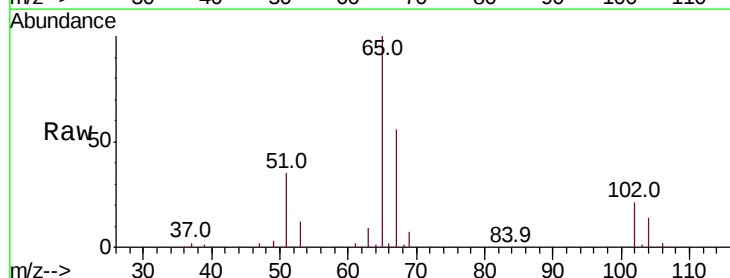
Acq: 13 Sep 2018 11:33

Tgt Ion: 65 Resp: 166680

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

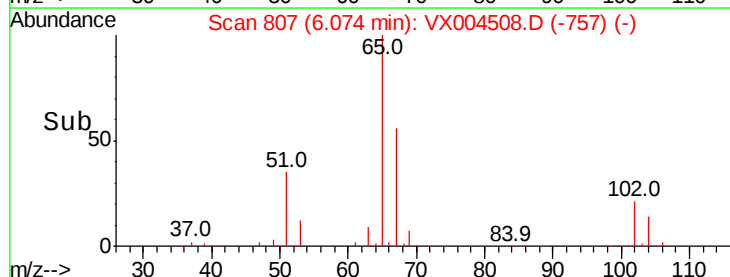
60000

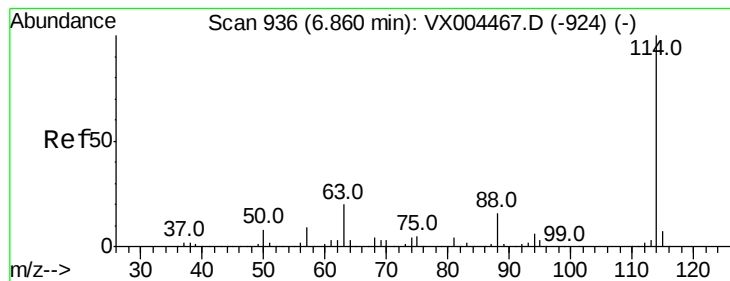
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004508.D

Acq: 13 Sep 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBL01

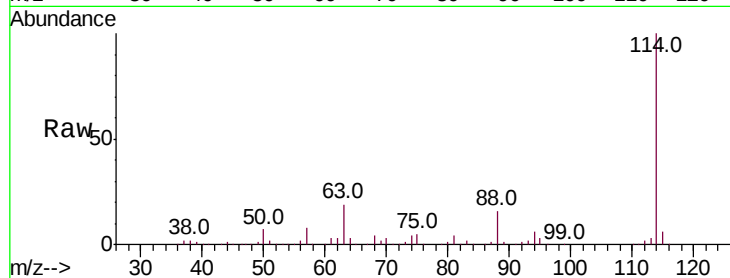
Tot Ion:114 Resp: 349681

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

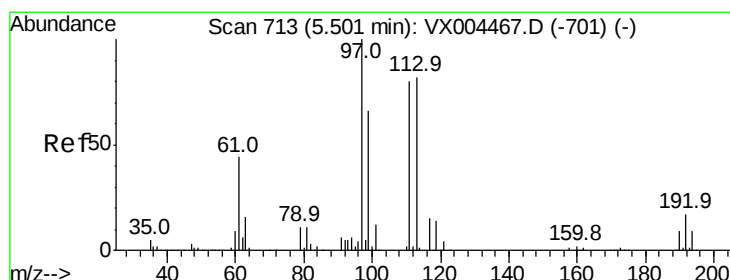
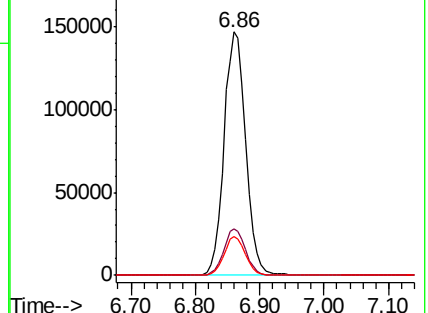
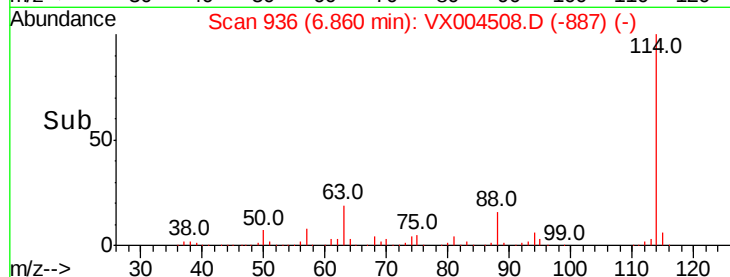
88 16.2 0.0 30.4



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: 47.174 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX004508.D

Acq: 13 Sep 2018 11:33

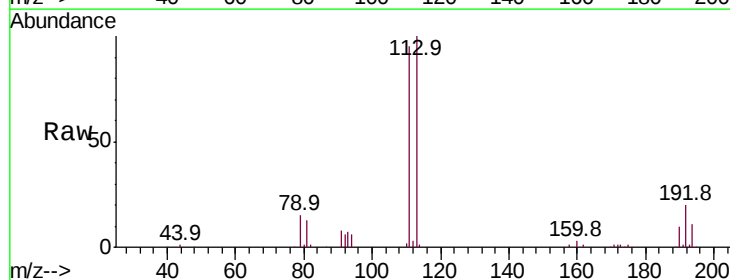
Tgt Ion:113 Resp: 150952

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

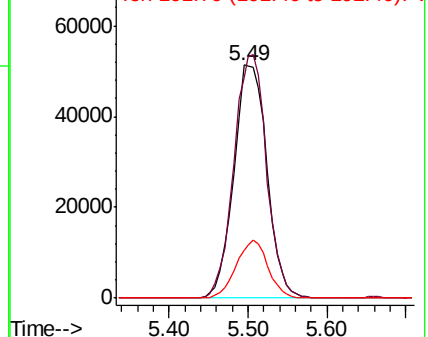
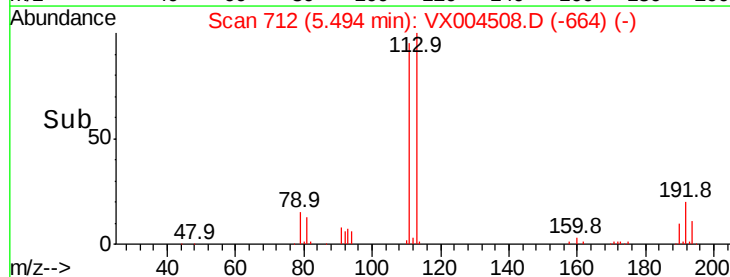
192 23.6 19.4 29.2

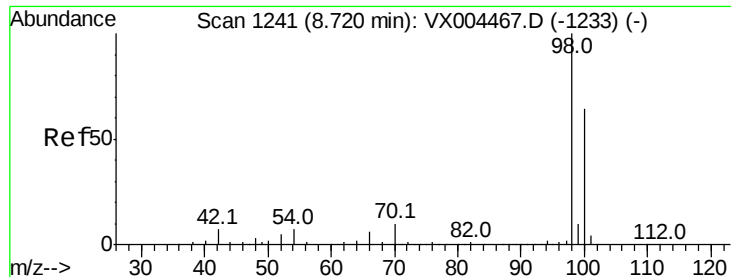


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.341 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004508.D

Acq: 13 Sep 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

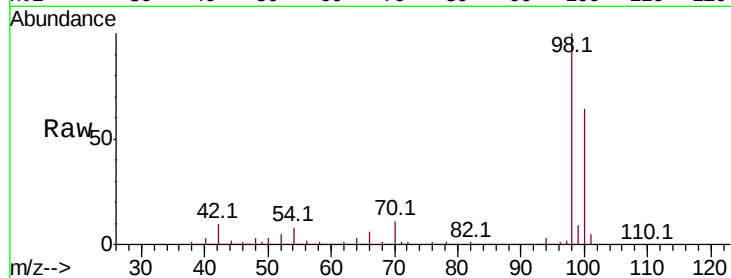
VX0913WBL01

Tot Ion: 98 Resp: 497278

Ion Ratio Lower Upper

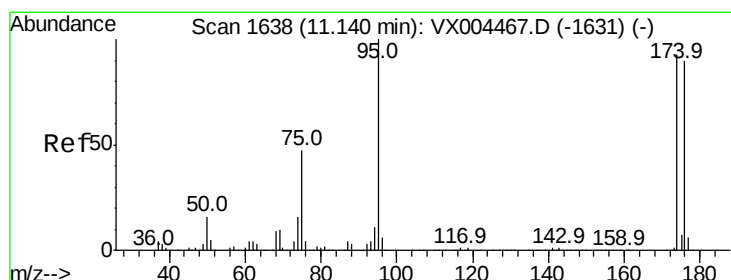
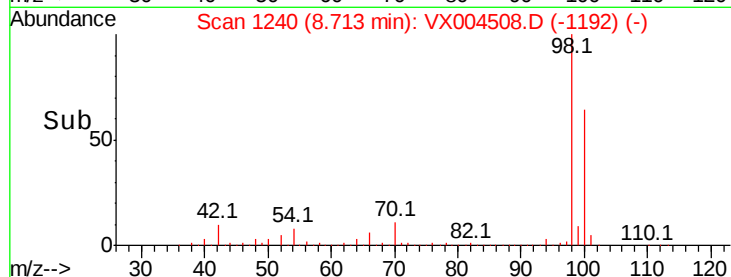
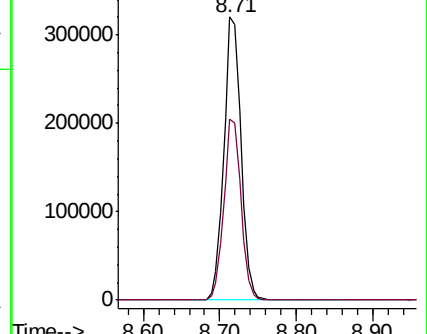
98 100

100 64.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.756 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004508.D

Acq: 13 Sep 2018 11:33

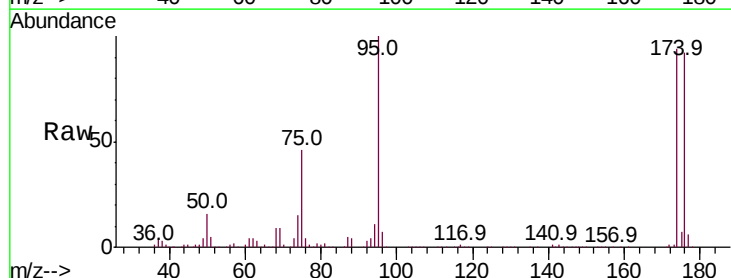
Tgt Ion: 95 Resp: 175266

Ion Ratio Lower Upper

95 100

174 93.1 0.0 185.2

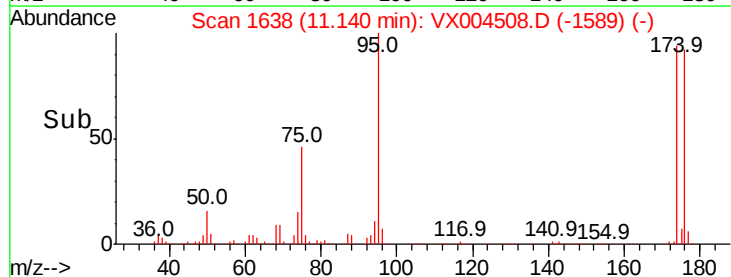
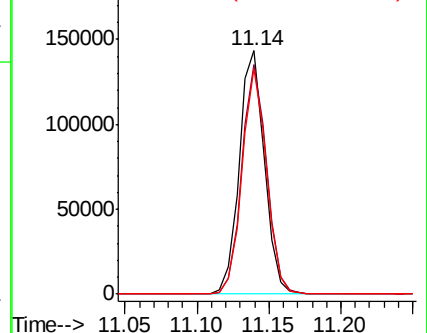
176 89.6 0.0 178.6

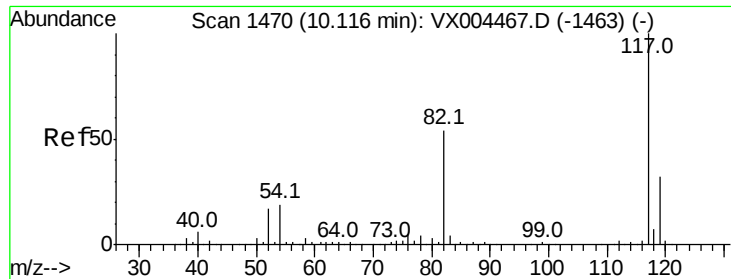


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

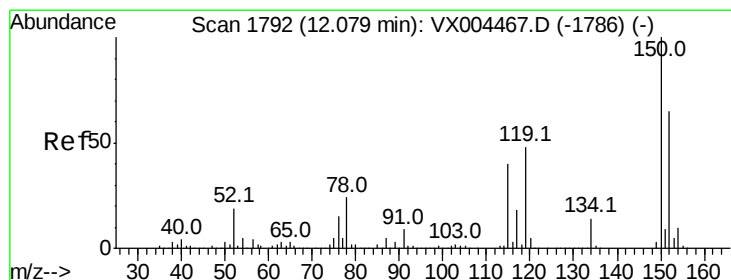
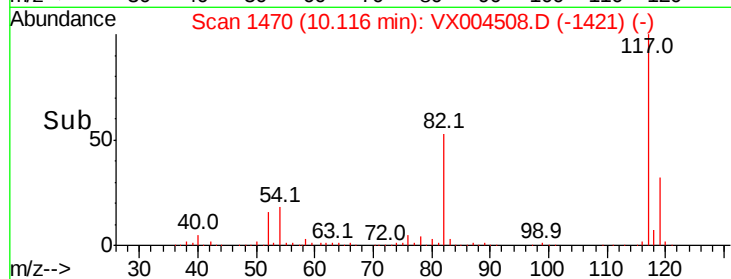
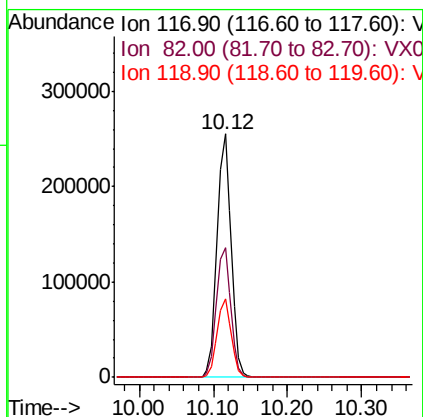
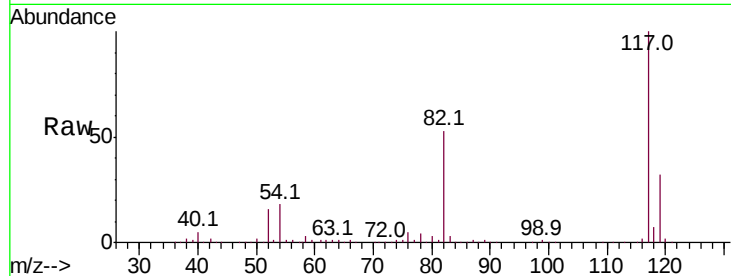




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004508.D
Acq: 13 Sep 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBL01

Tot Ion:117 Resp: 331059
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 32.2 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004508.D
Acq: 13 Sep 2018 11:33

Tgt Ion:152 Resp: 185348
Ion Ratio Lower Upper
152 100
115 54.8 39.0 117.0
150 157.0 0.0 351.0

