

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009089.D
 Acq On : 22 Apr 2019 12:06
 Operator : JC/SP
 Sample : K2488-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 23 03:34:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144527	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	160464	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
35) Dibromofluoromethane	5.50	113	118780	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	493160	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	161963	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	

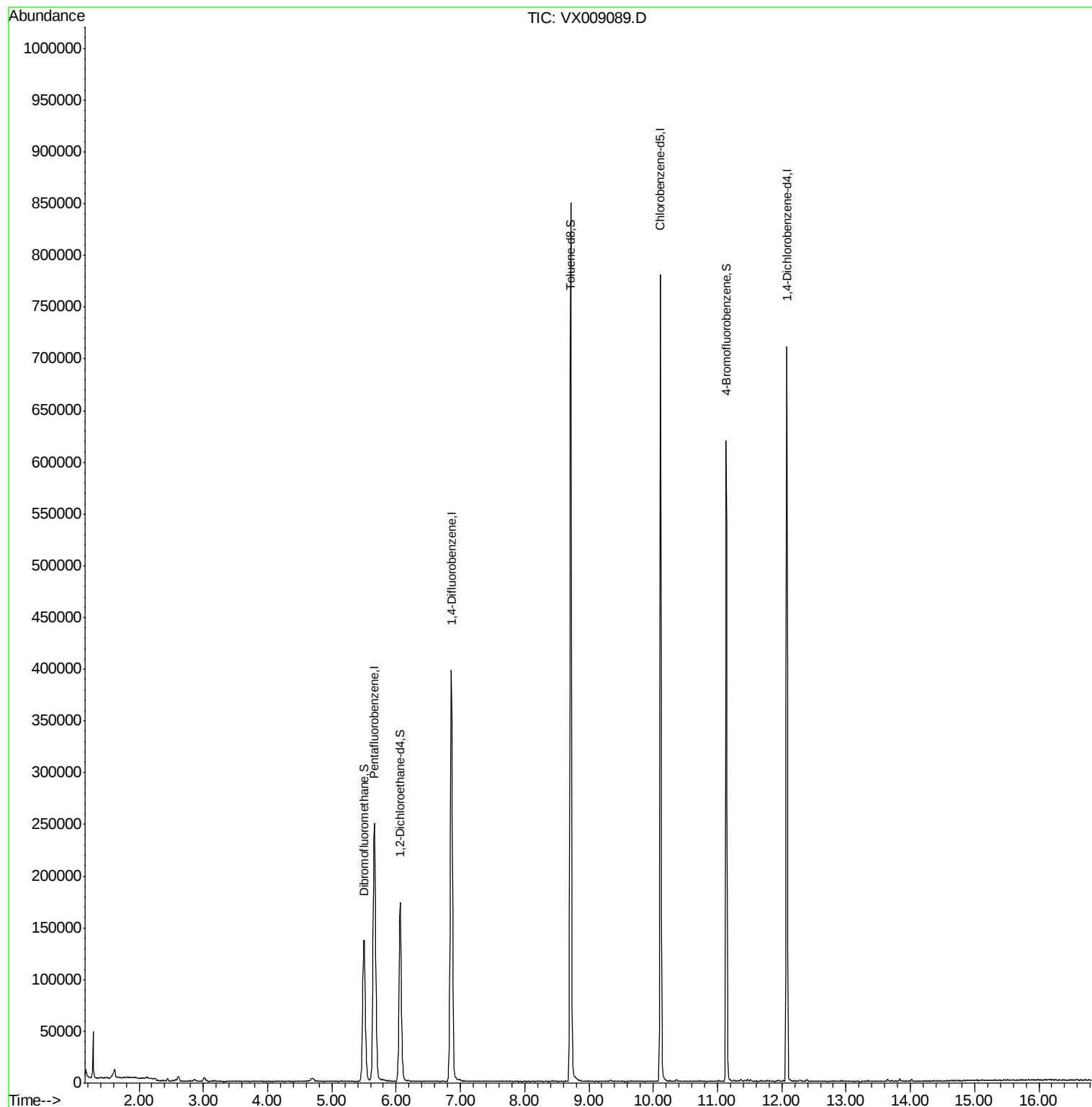
Target Compounds	Qvalue
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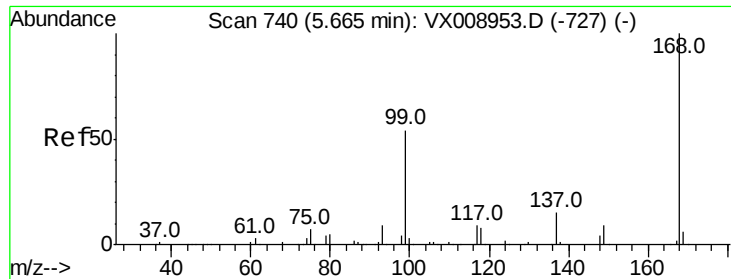
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009089.D

Acq: 22 Apr 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

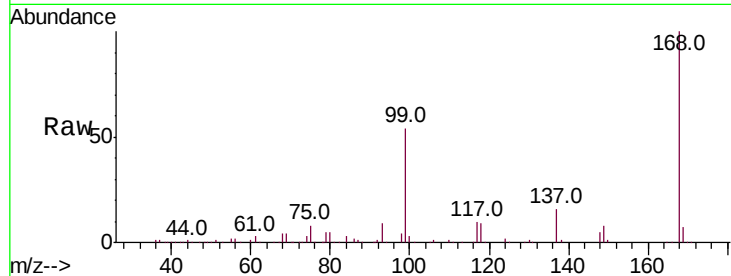
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 245380

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

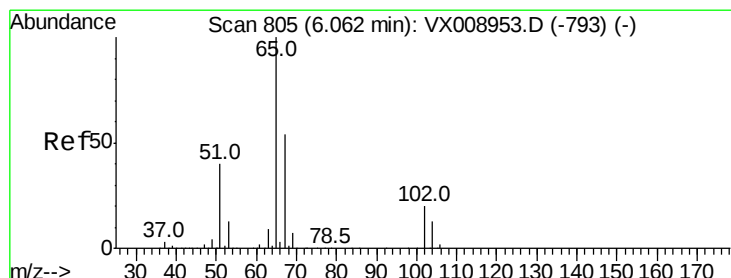
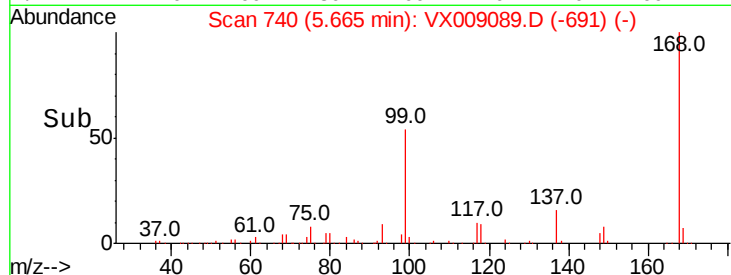
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 46.402 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009089.D

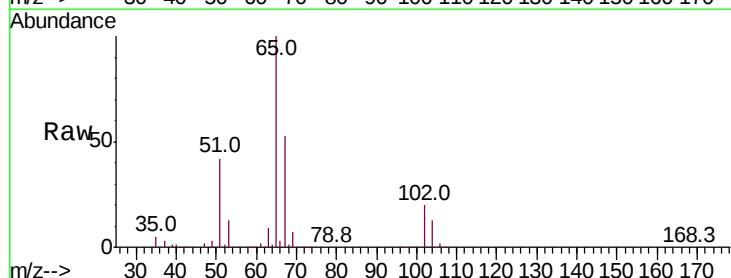
Acq: 22 Apr 2019 12:06

Tgt Ion: 65 Resp: 160464

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

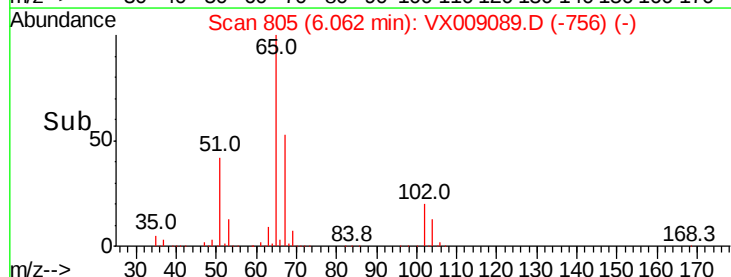
40000

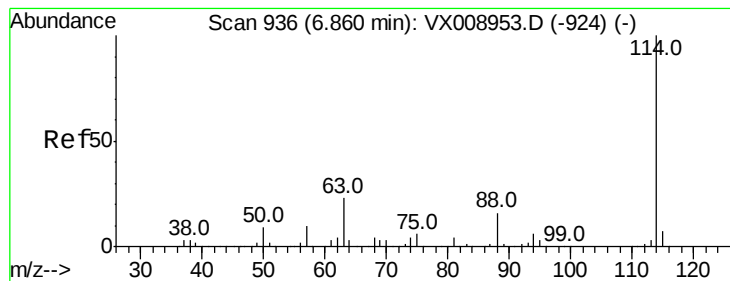
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009089.D

Acq: 22 Apr 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

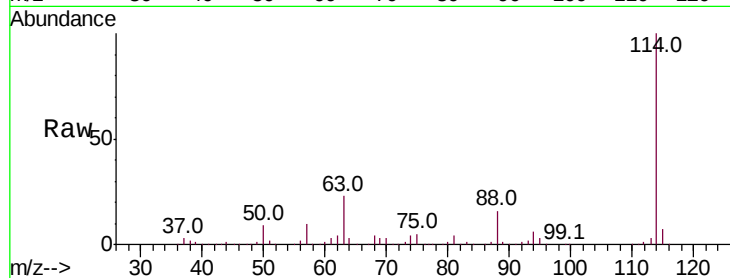
Tot Ion:114 Resp: 394456

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.0

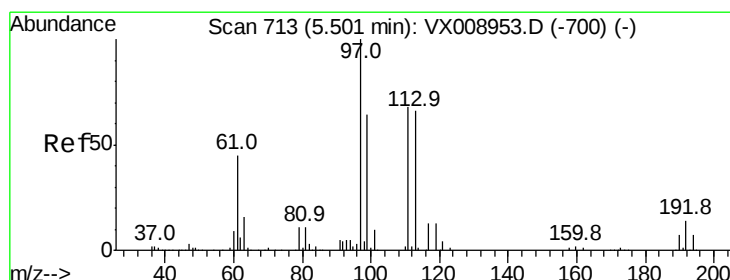
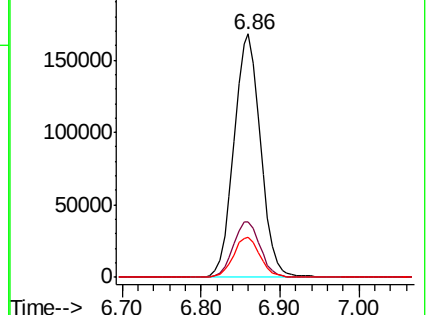
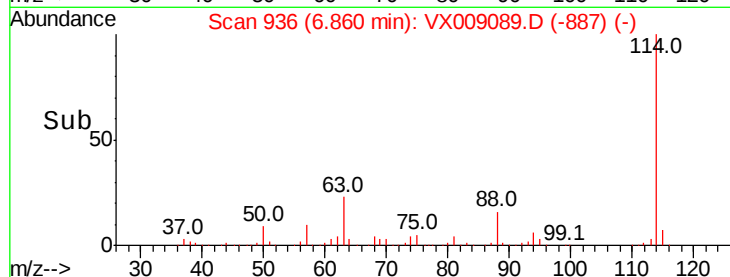
88 16.2 0.0 32.6



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: 46.920 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009089.D

Acq: 22 Apr 2019 12:06

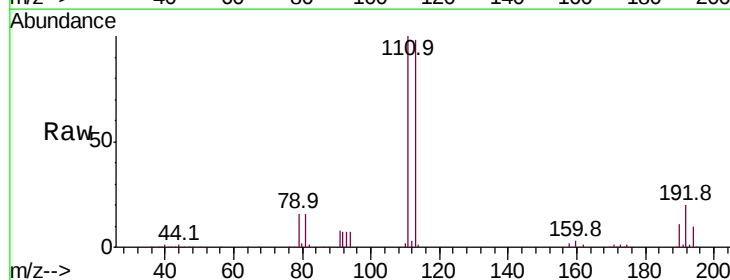
Tgt Ion:113 Resp: 118780

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

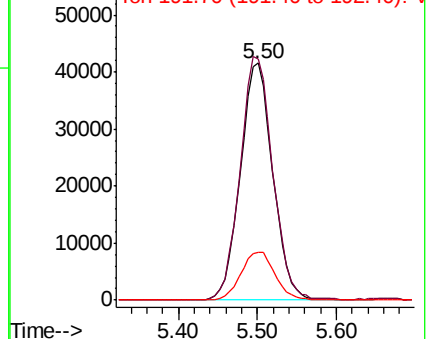
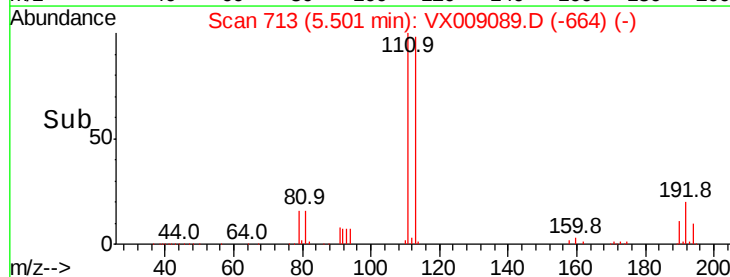
192 21.2 17.4 26.0

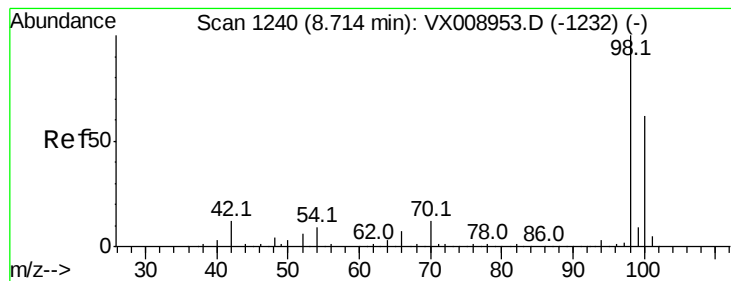


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.848 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009089.D

Acq: 22 Apr 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

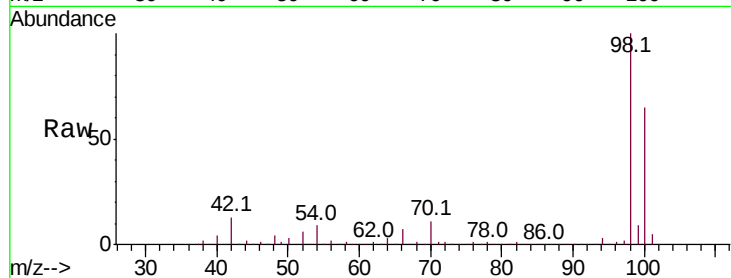
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 493160

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

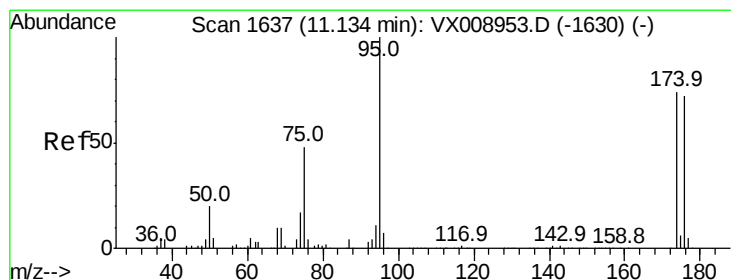
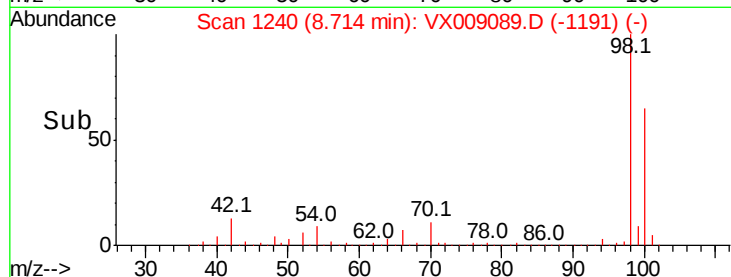
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 45.446 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009089.D

Acq: 22 Apr 2019 12:06

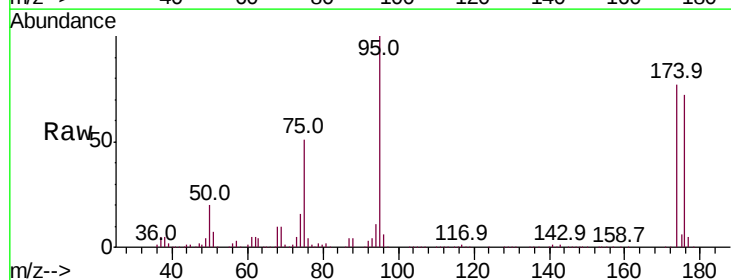
Tgt Ion: 95 Resp: 161963

Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.6

176 76.9 0.0 154.8



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

150000

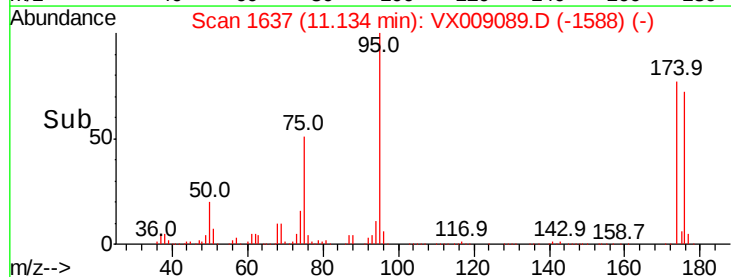
100000

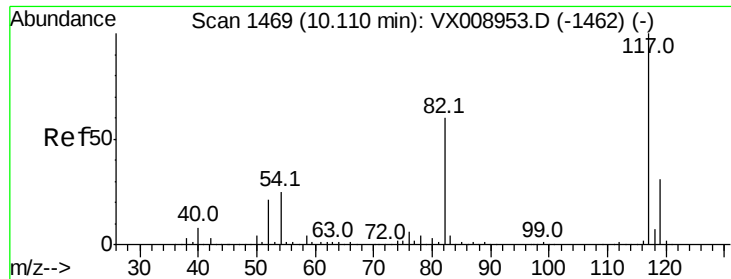
50000

0

Time-->

11.10 11.20

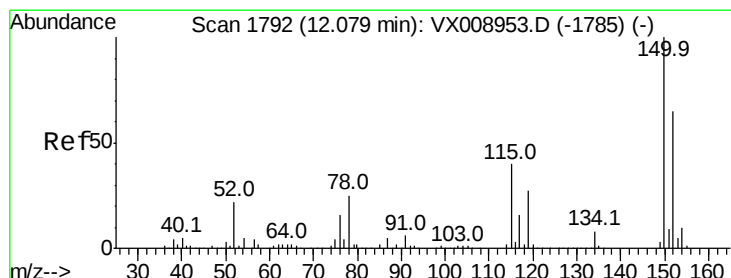
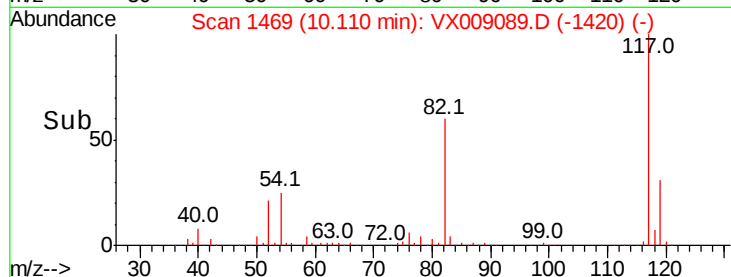
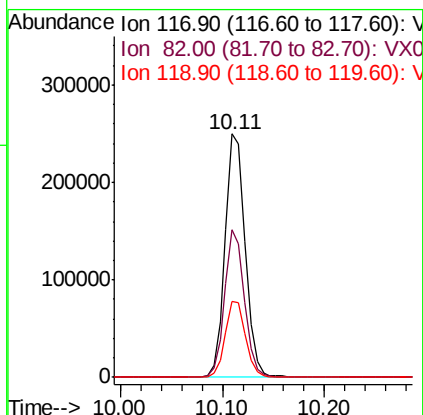
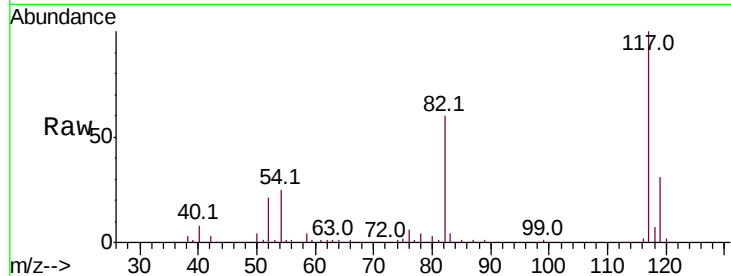




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009089.D
Acq: 22 Apr 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 341940
Ion Ratio Lower Upper
117 100
82 60.5 48.2 72.4
119 31.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009089.D
Acq: 22 Apr 2019 12:06

Tgt Ion:152 Resp: 144527
Ion Ratio Lower Upper
152 100
115 58.3 41.4 124.2
150 156.5 0.0 349.8

