

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008982.D
 Acq On : 16 Apr 2019 13:08
 Operator : JC/SP
 Sample : K2387-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW132-190411

Quant Time: Apr 17 05:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

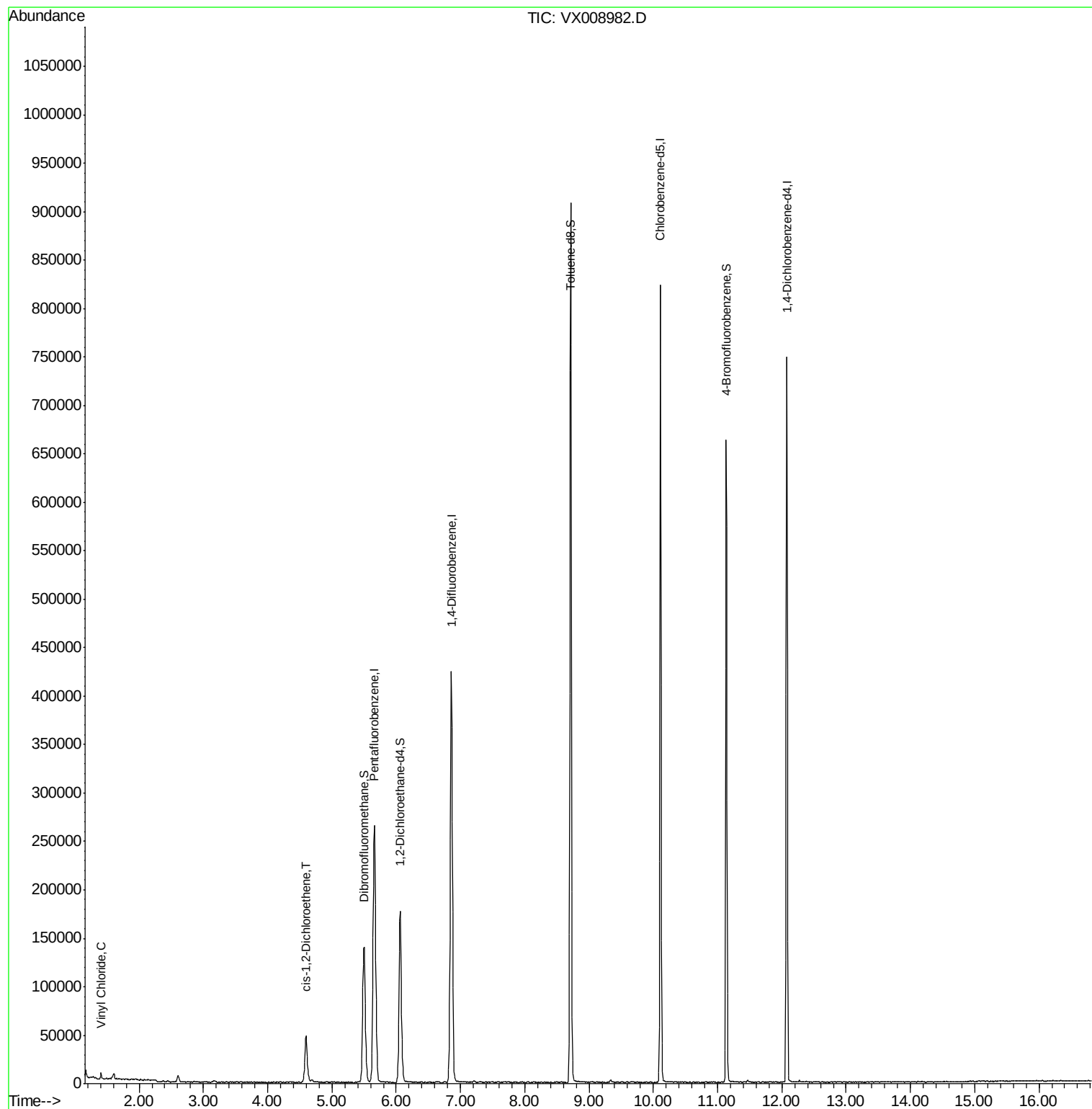
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	167670	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
35) Dibromofluoromethane	5.50	113	122304	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
50) Toluene-d8	8.71	98	514473	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	171244	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
4) Vinyl Chloride	1.41	62	4385	1.227	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	28480	8.443	ug/l	91

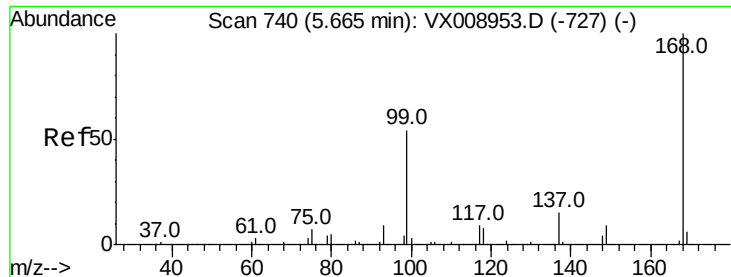
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008982.D

Acq: 16 Apr 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

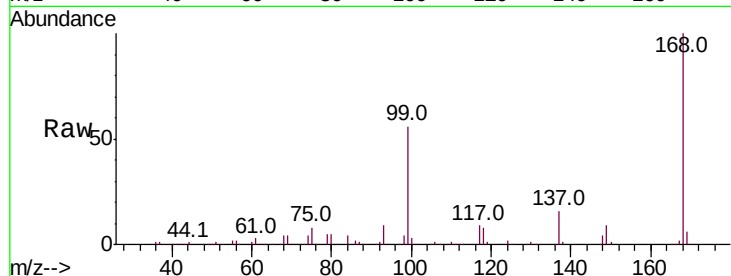
SS042MW132-190411

Tot Ion:168 Resp: 259735

Ion Ratio Lower Upper

168 100

99 56.0 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

100000

80000

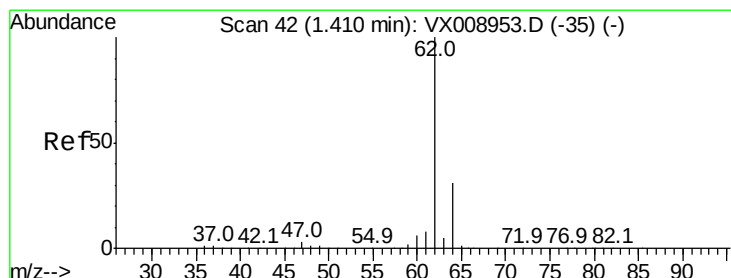
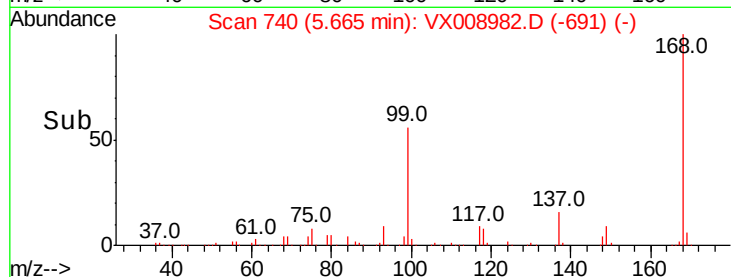
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.227 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008982.D

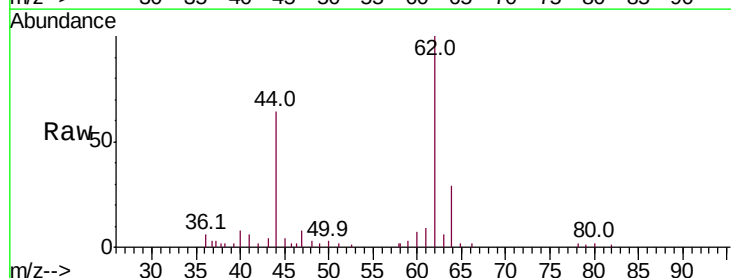
Acq: 16 Apr 2019 13:08

Tgt Ion: 62 Resp: 4385

Ion Ratio Lower Upper

62 100

64 27.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

4000

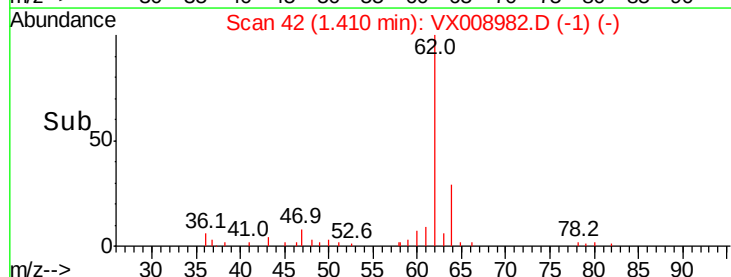
3000

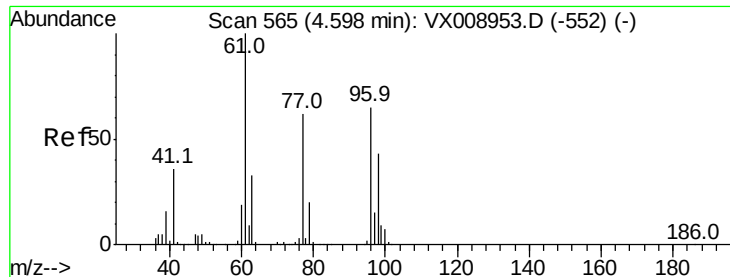
2000

1000

0

Time--> 1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 8.443 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008982.D

Acq: 16 Apr 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

SS042MW132-190411

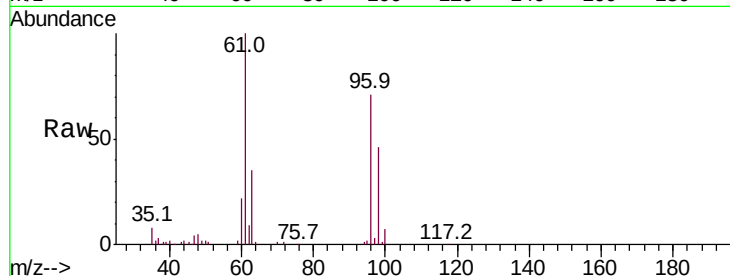
Tot Ion: 96 Resp: 28480

Ion Ratio Lower Upper

96 100

61 144.4 0.0 322.0

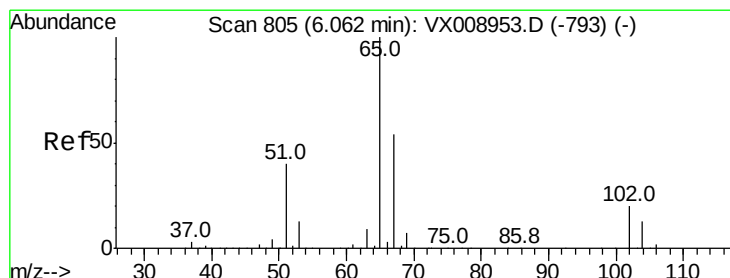
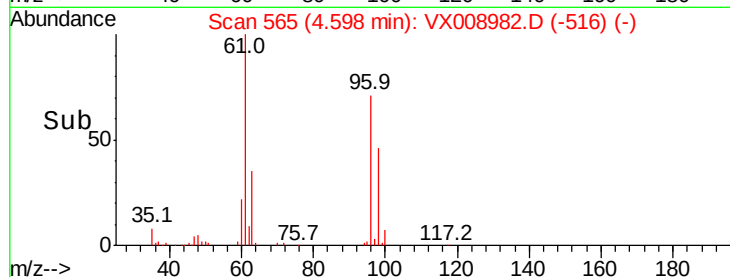
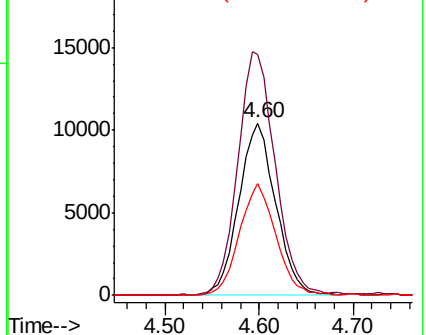
98 63.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.806 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008982.D

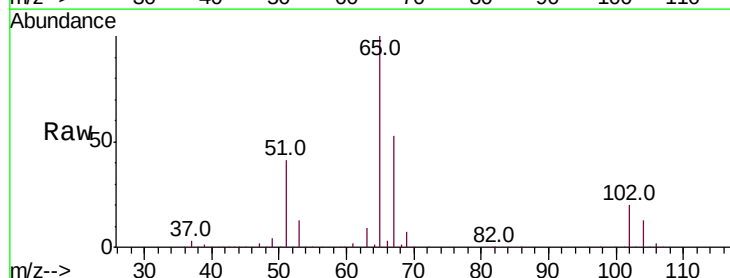
Acq: 16 Apr 2019 13:08

Tgt Ion: 65 Resp: 167670

Ion Ratio Lower Upper

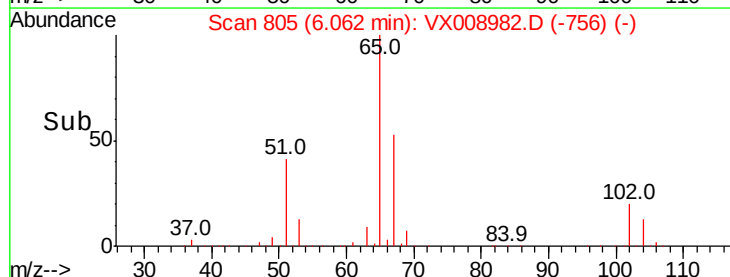
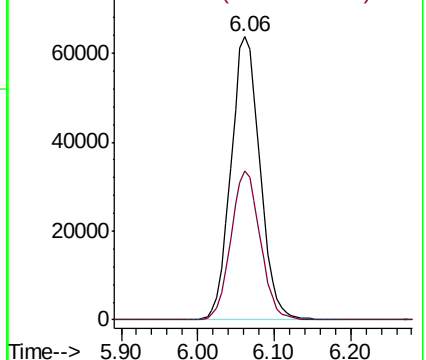
65 100

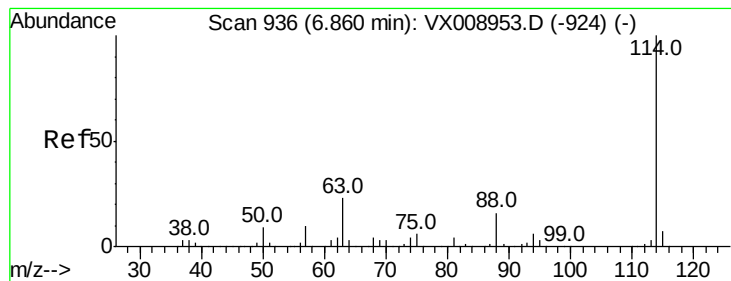
67 53.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008982.D

Acq: 16 Apr 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

SS042MW132-190411

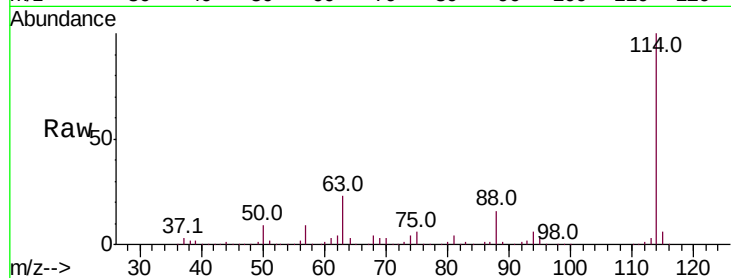
Tot Ion:114 Resp: 414391

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

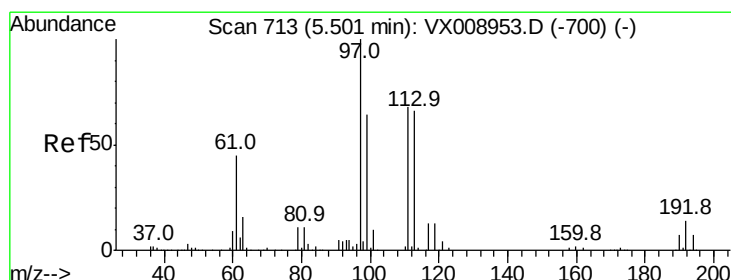
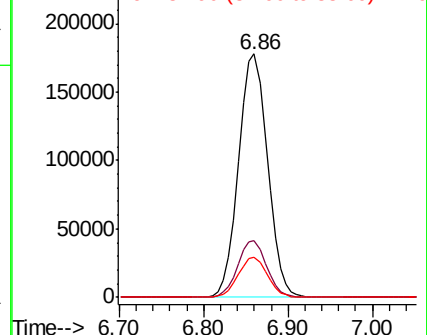
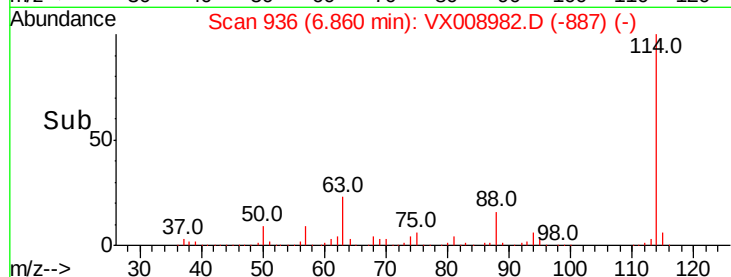
88 16.3 0.0 32.6



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: 45.988 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008982.D

Acq: 16 Apr 2019 13:08

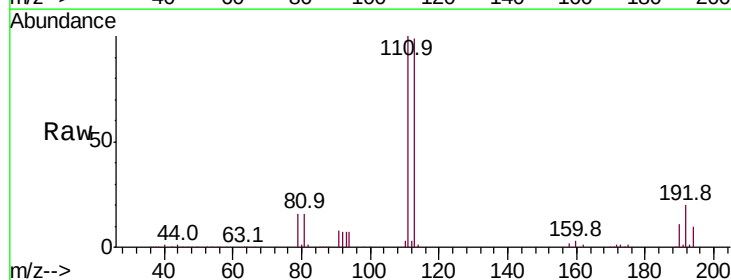
Tgt Ion:113 Resp: 122304

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

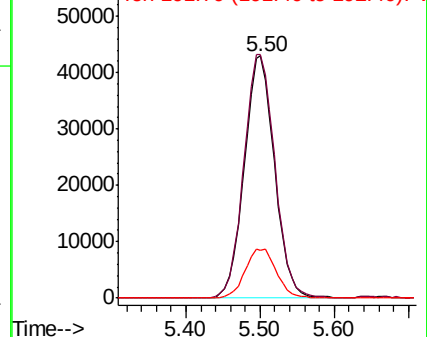
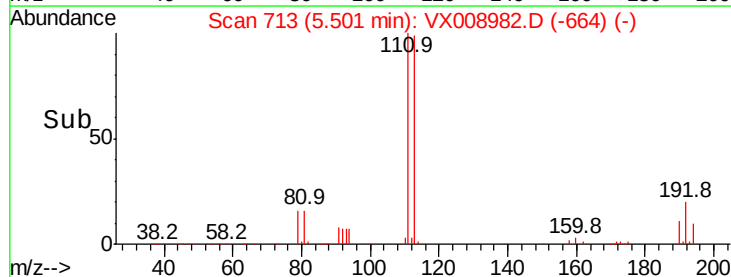
192 21.2 17.4 26.0

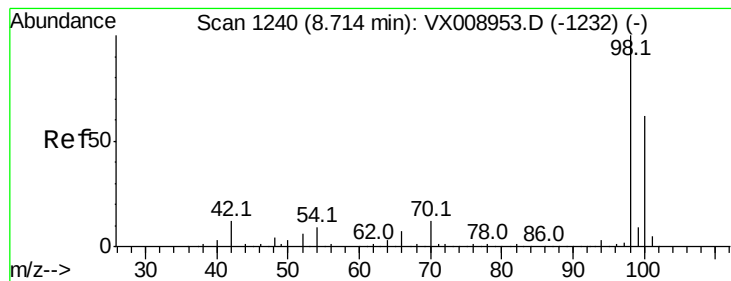


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.507 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008982.D

Acq: 16 Apr 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

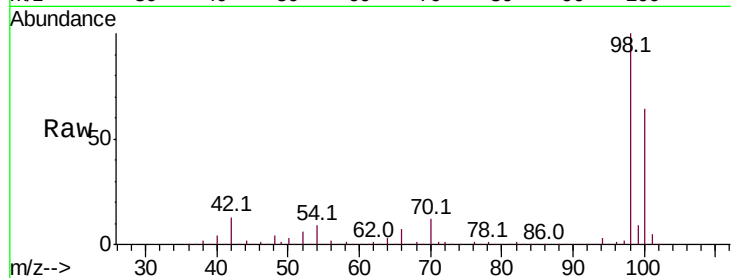
SS042MW132-190411

Tot Ion: 98 Resp: 514473

Ion Ratio Lower Upper

98 100

100 64.0 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

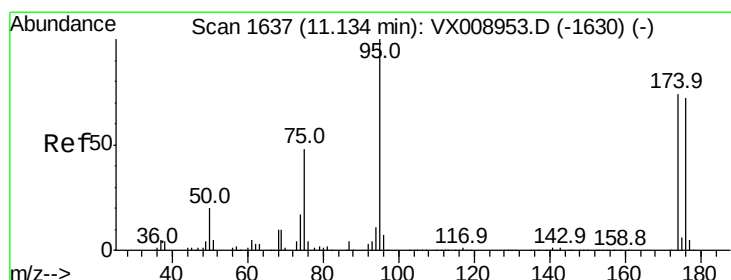
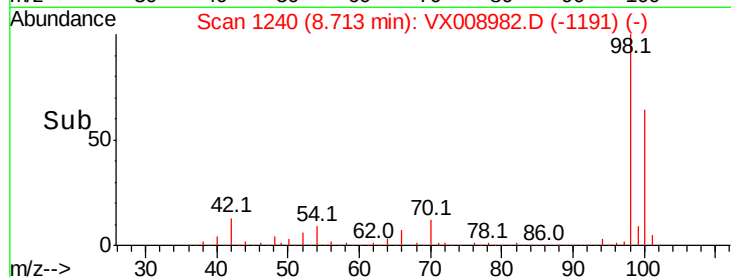
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 45.739 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008982.D

Acq: 16 Apr 2019 13:08

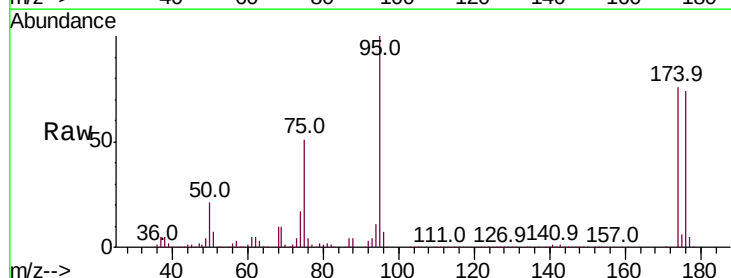
Tgt Ion: 95 Resp: 171244

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

176 77.9 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

11.13

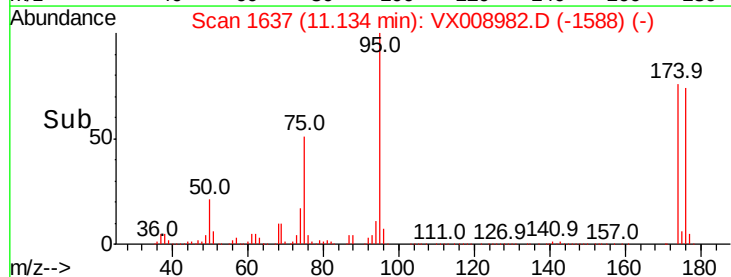
150000

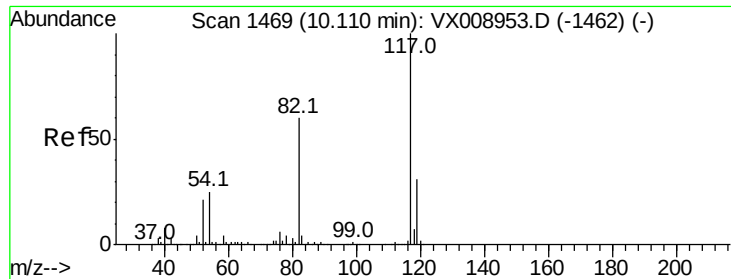
100000

50000

0

Time--> 11.10 11.20

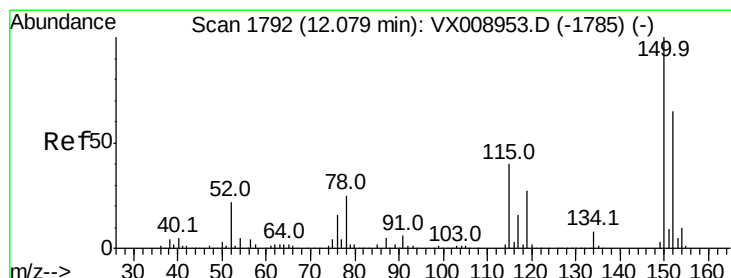
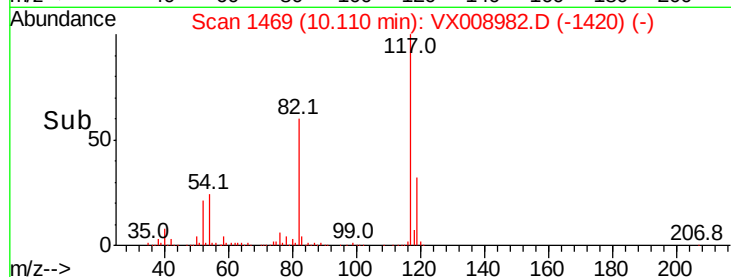
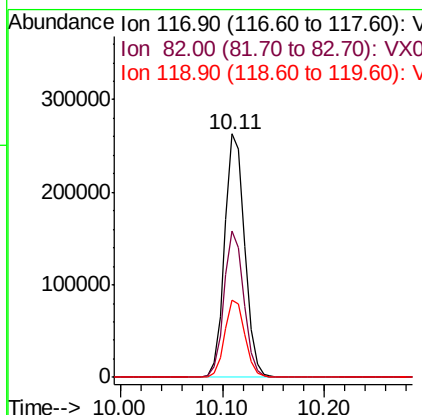
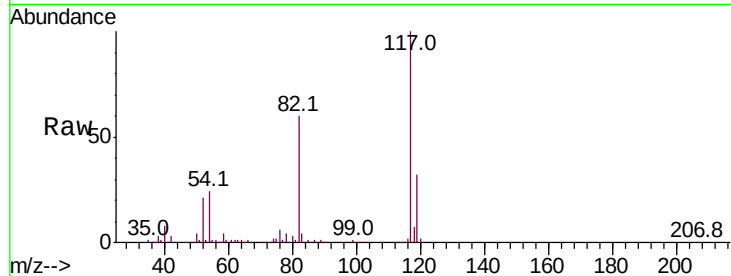




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008982.D
Acq: 16 Apr 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
SS042MW132-190411

Tot Ion:117 Resp: 358852
Ion Ratio Lower Upper
117 100
82 60.0 48.2 72.4
119 31.6 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: VX008982.D
Acq: 16 Apr 2019 13:08

Tgt Ion:152 Resp: 153347
Ion Ratio Lower Upper
152 100
115 59.2 41.4 124.2
150 157.1 0.0 349.8

