

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010557.D
 Acq On : 29 Jun 2019 00:44
 Operator : JC/SP
 Sample : K3570-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ERM-16R

Quant Time: Jul 01 11:45:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	251851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167102	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120494	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.50	113	116366	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.71	98	452840	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	152983	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

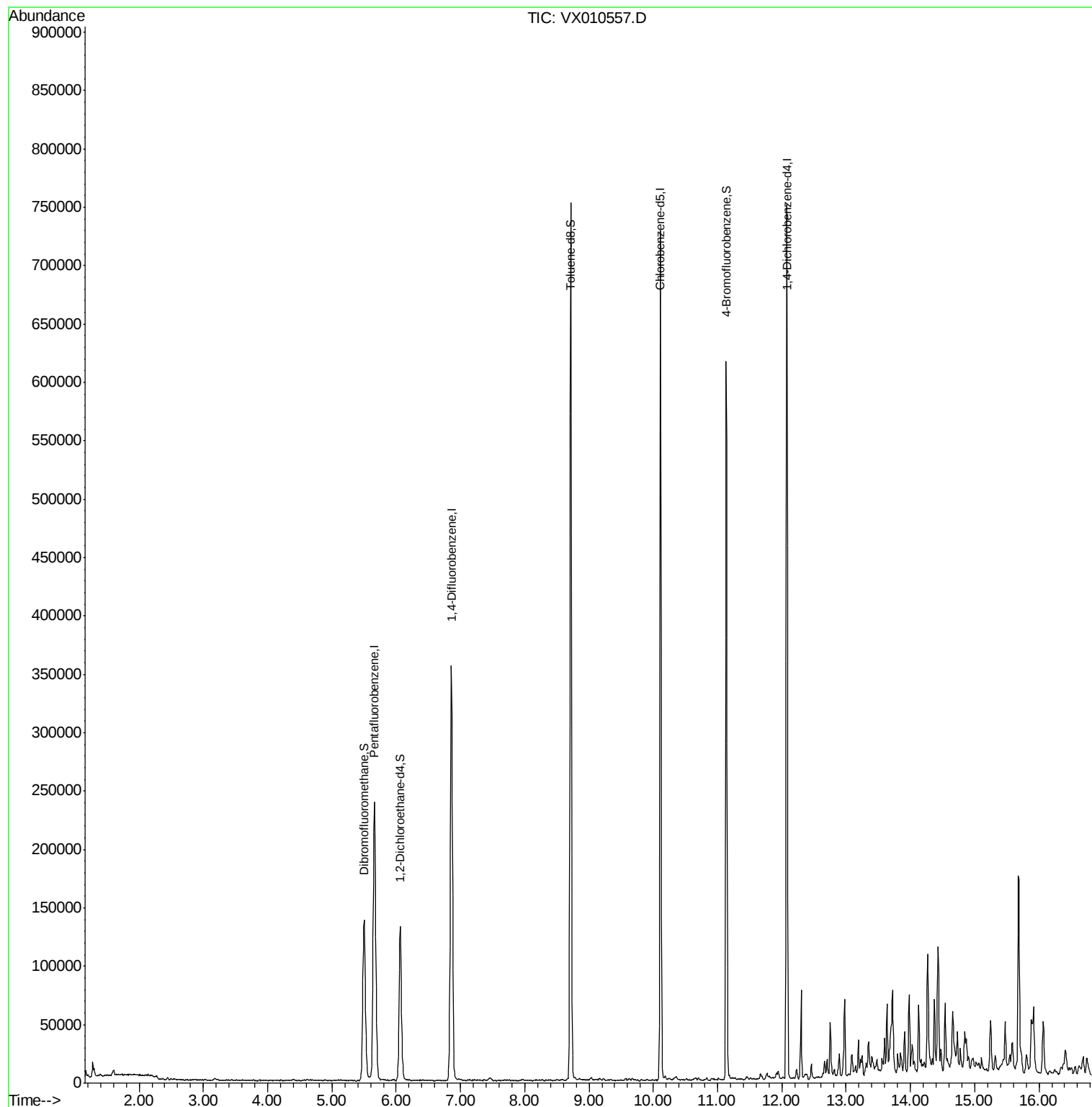
Target Compounds	Qvalue

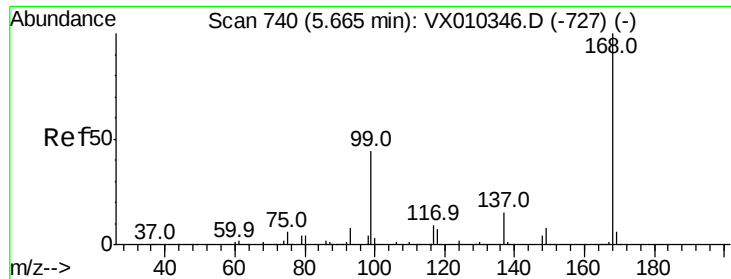
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010557.D

Acq: 29 Jun 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

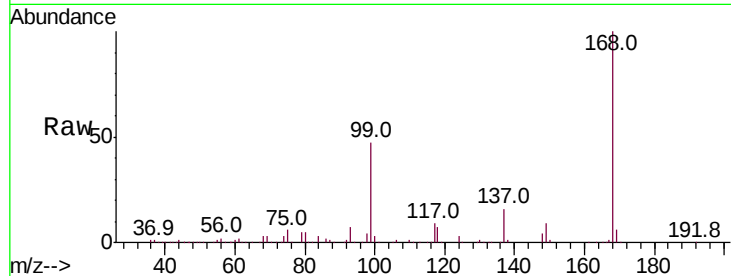
ERM-16R

Tot Ion:168 Resp: 251851

Ion Ratio Lower Upper

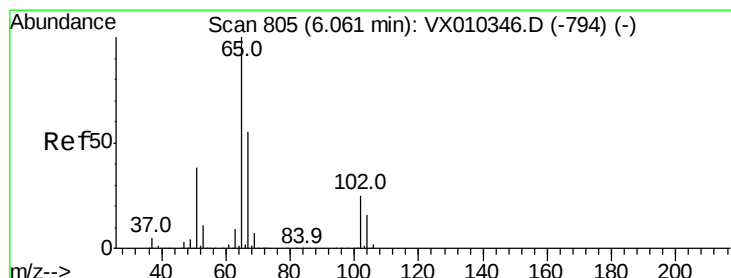
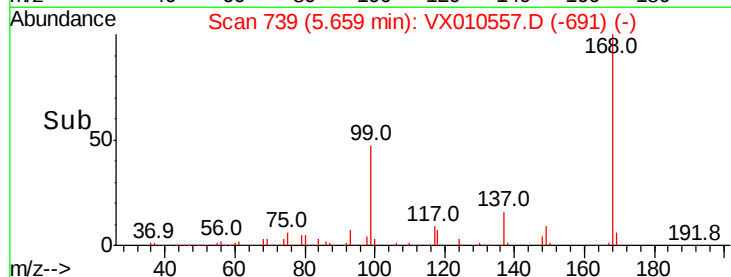
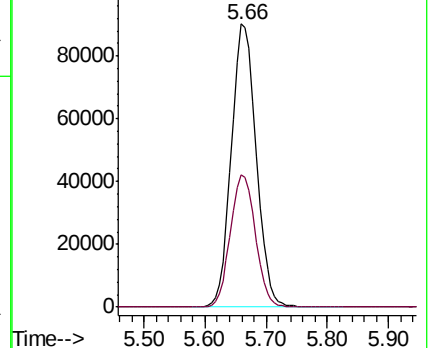
168 100

99 46.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.028 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010557.D

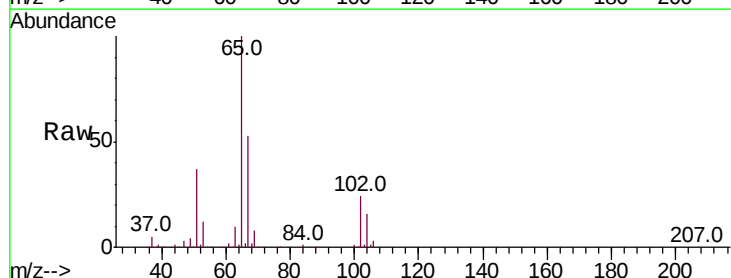
Acq: 29 Jun 2019 00:44

Tgt Ion: 65 Resp: 120494

Ion Ratio Lower Upper

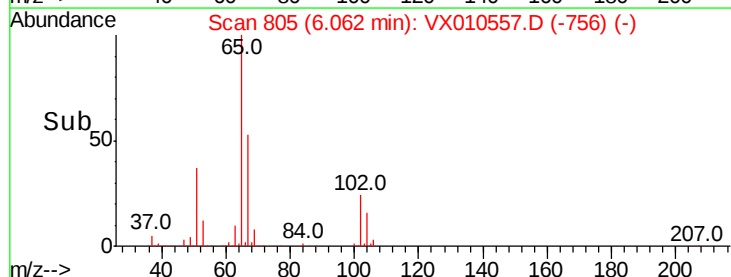
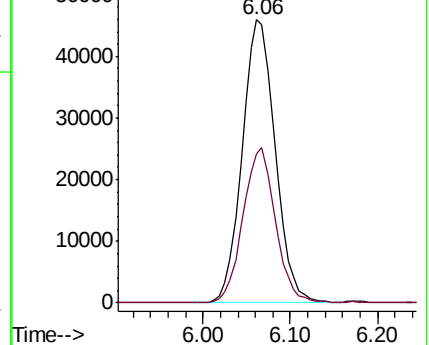
65 100

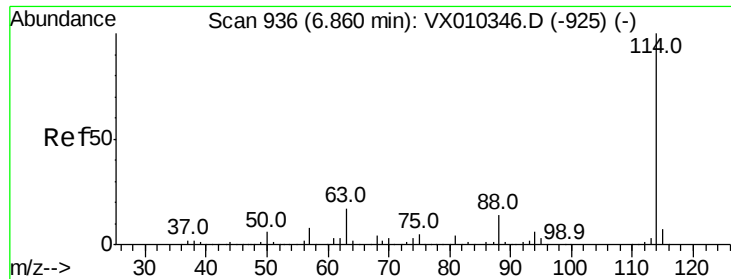
67 53.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

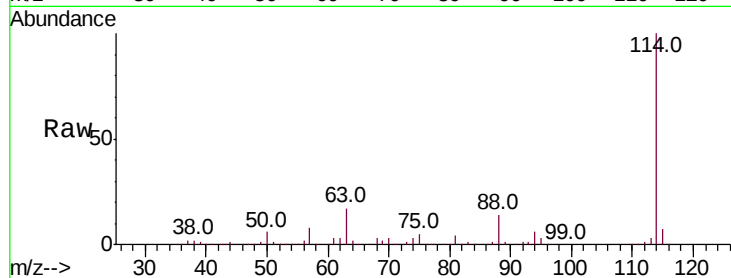




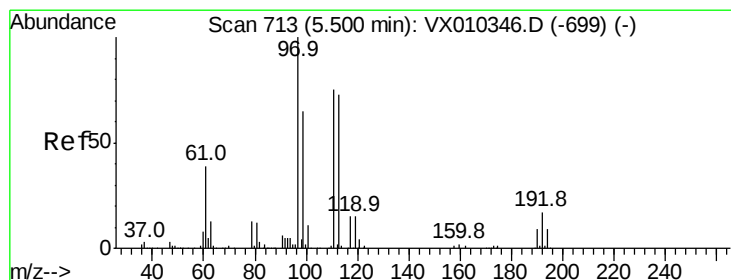
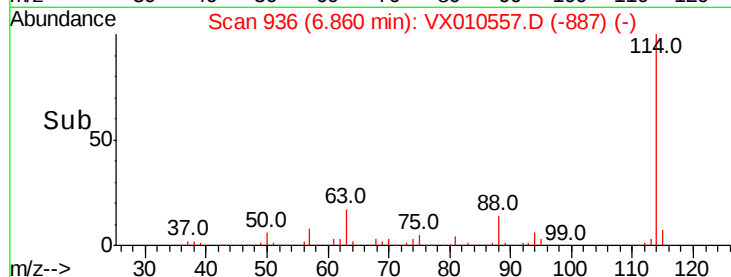
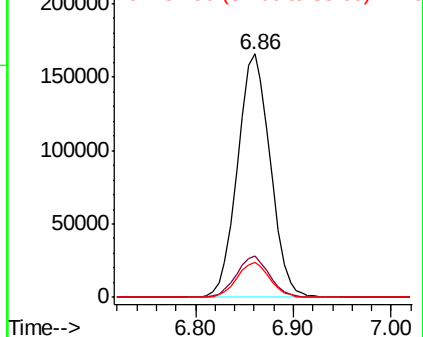
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010557.D
 Acq: 29 Jun 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ERM-16R

Tot Ion:114 Resp: 385320
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.3 0.0 27.6

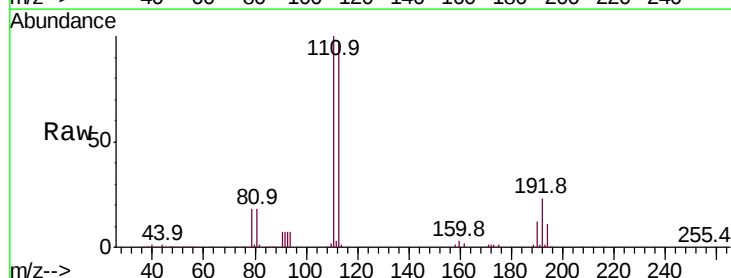


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

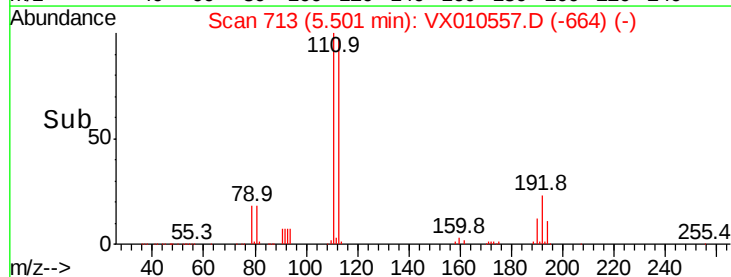
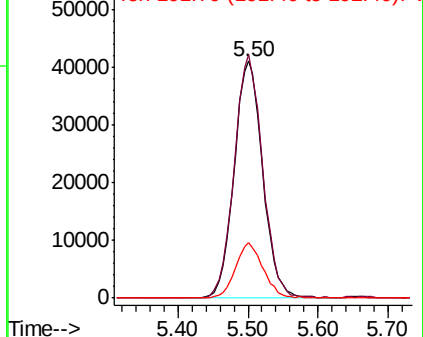


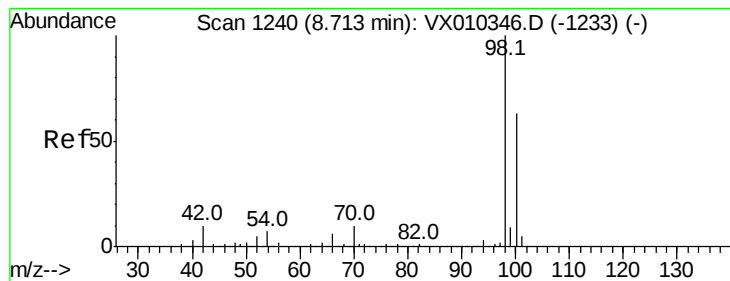
#35
 Dibromofluoromethane
 Concen: 49.359 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010557.D
 Acq: 29 Jun 2019 00:44

Tgt Ion:113 Resp: 116366
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 22.6 18.6 27.8



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: 50.207 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010557.D

Acq: 29 Jun 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

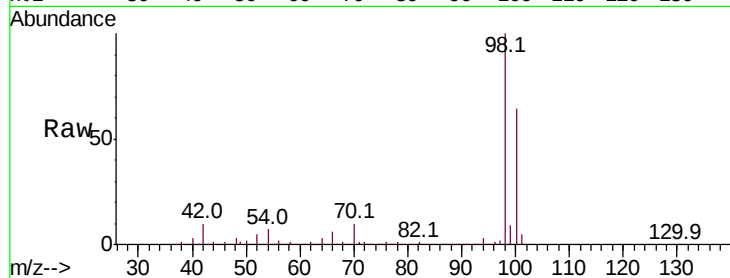
ERM-16R

Tot Ion: 98 Resp: 452840

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

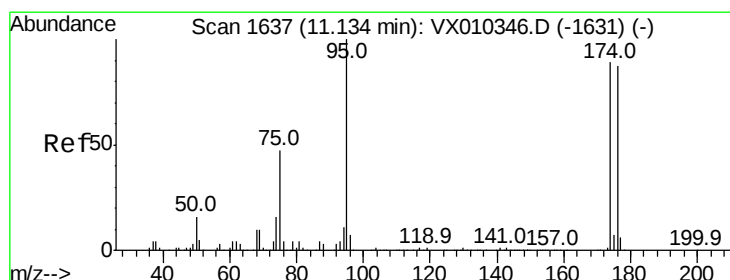
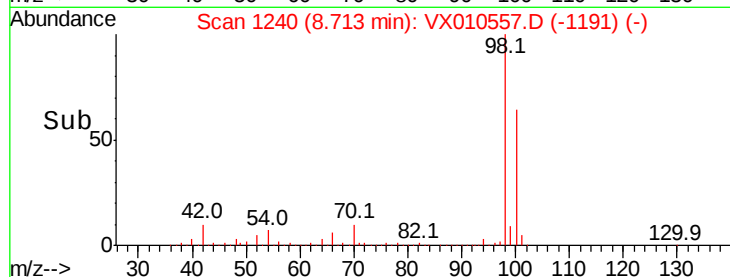
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 46.981 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010557.D

Acq: 29 Jun 2019 00:44

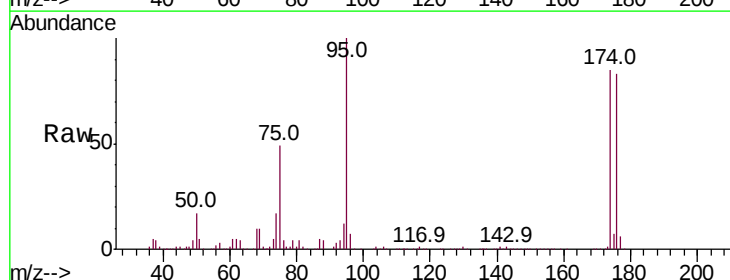
Tgt Ion: 95 Resp: 152983

Ion Ratio Lower Upper

95 100

174 93.0 0.0 187.6

176 90.9 0.0 184.0



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

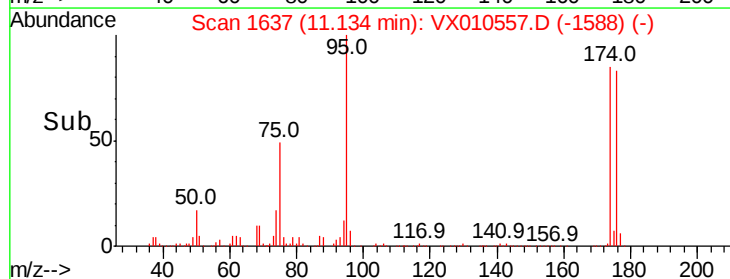
100000

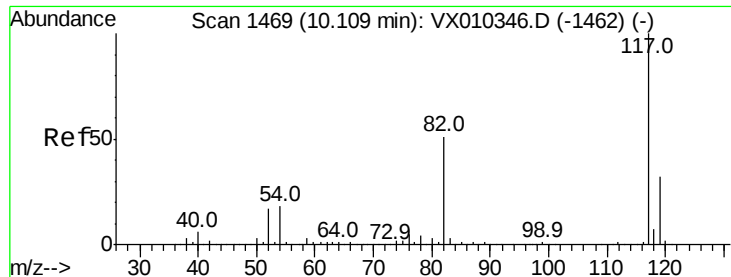
50000

0

11.10 11.20

Time-->

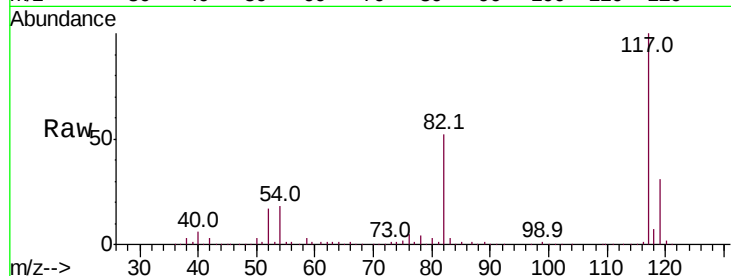




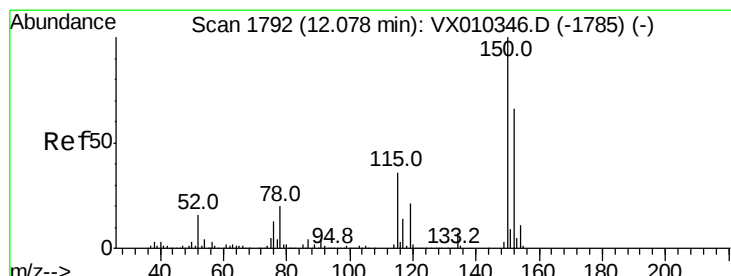
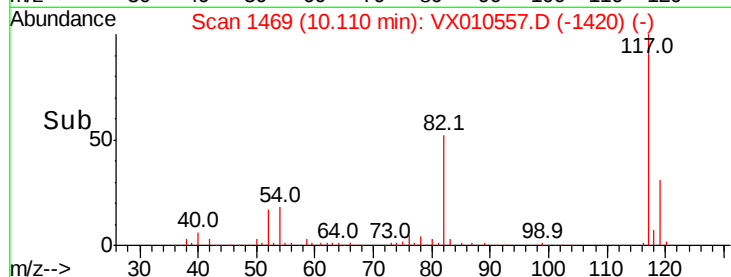
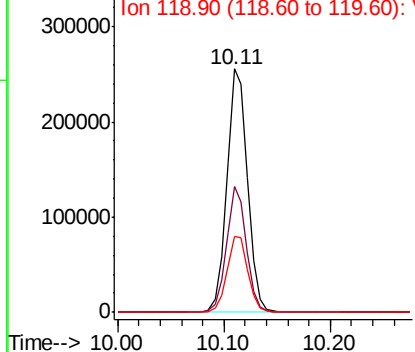
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010557.D
Acq: 29 Jun 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
ERM-16R

Tot Ion:117 Resp: 346081
Ion Ratio Lower Upper
117 100
82 51.7 41.2 61.8
119 31.2 25.5 38.3

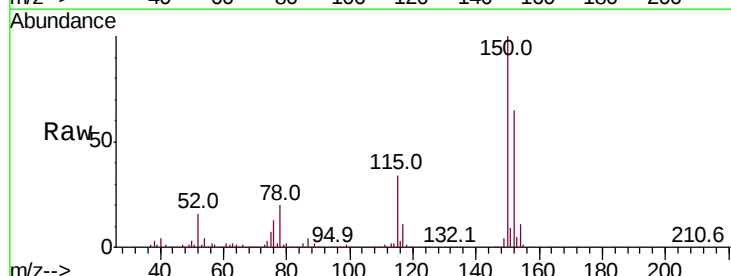


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010557.D
Acq: 29 Jun 2019 00:44

Tgt Ion:152 Resp: 167102
Ion Ratio Lower Upper
152 100
115 53.7 38.6 115.7
150 153.3 0.0 347.4



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

