

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018058.D
 Acq On : 21 Aug 2020 14:59
 Operator : JC/SP
 Sample : L3770-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE BLANK-SOILREF-6

Quant Time: Aug 22 00:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	575453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	939725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	876240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	398844	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	377658	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	5.47	113	309592	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
50) Toluene-d8	8.70	98	1092992	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	11.12	95	423198	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	

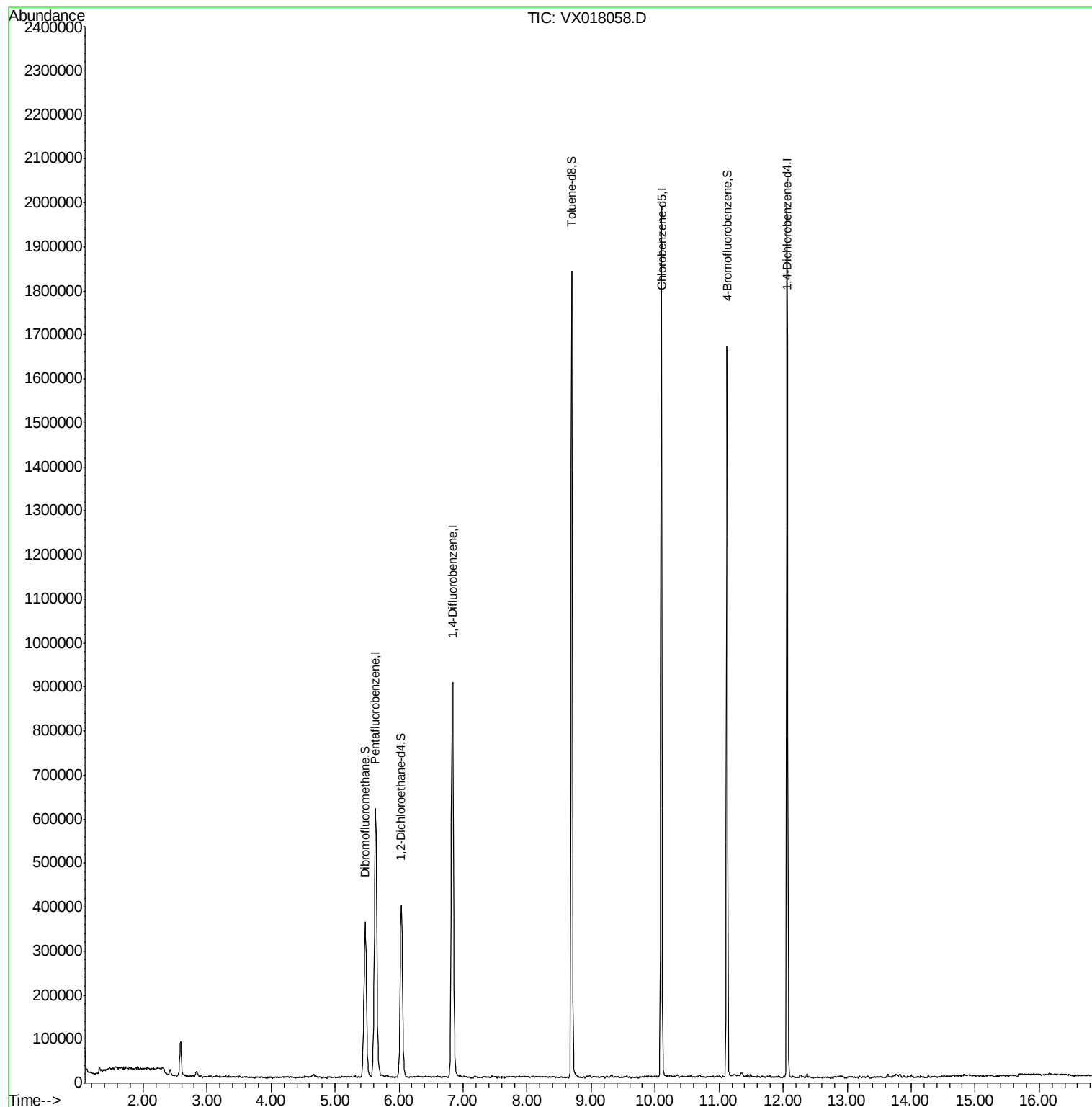
Target Compounds	Qvalue
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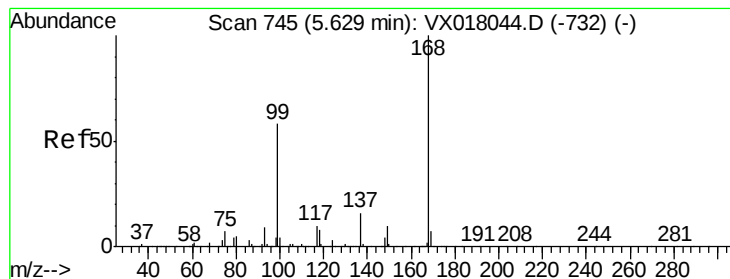
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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Acq: 21 Aug 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

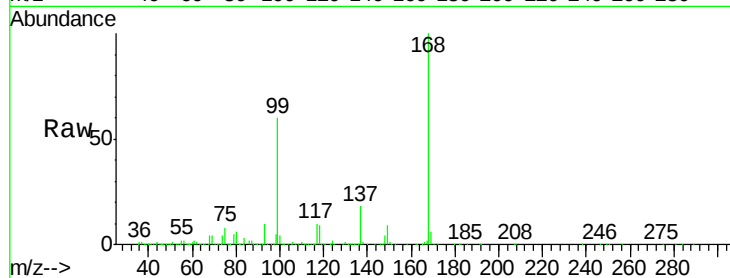
STORAGEBLANK-SOILREF-6

Tot Ion:168 Resp: 575453

Ion Ratio Lower Upper

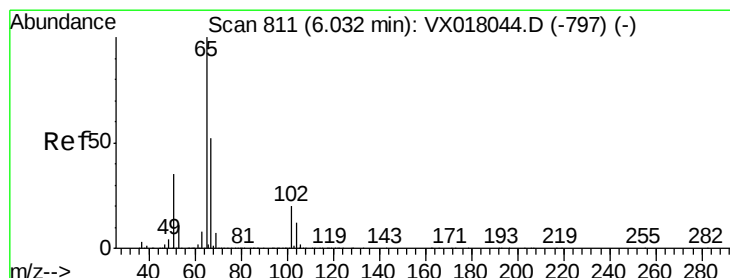
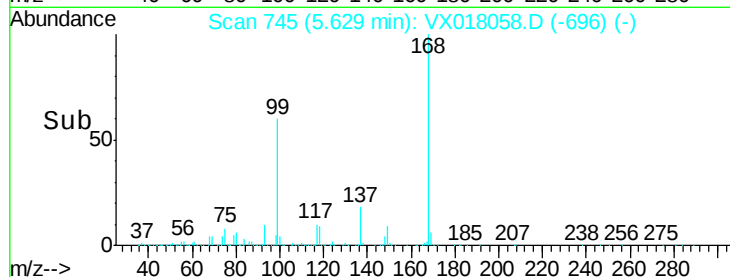
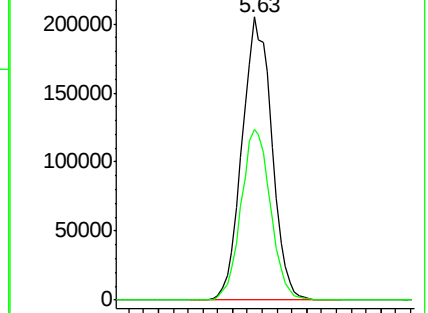
168 100

99 60.1 46.3 69.5



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: 47.274 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018058.D

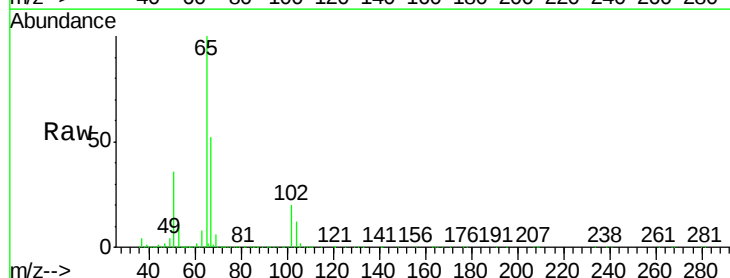
Acq: 21 Aug 2020 14:59

Tgt Ion: 65 Resp: 377658

Ion Ratio Lower Upper

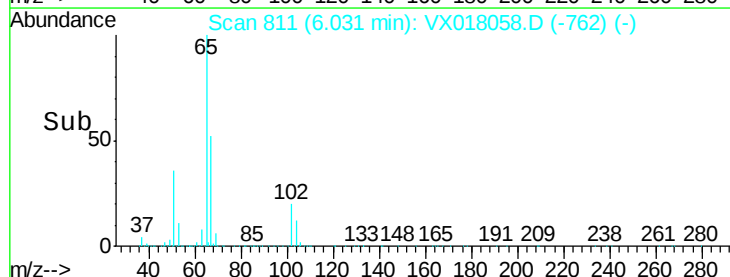
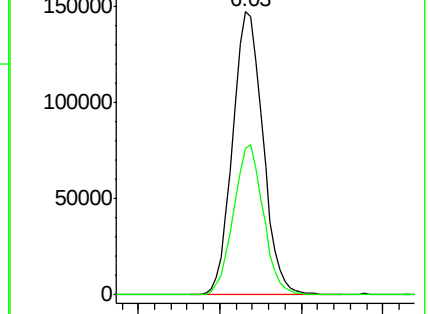
65 100

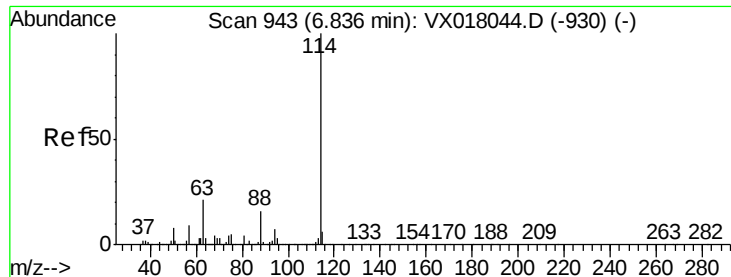
67 51.8 0.0 105.8



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: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018058.D

Acq: 21 Aug 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

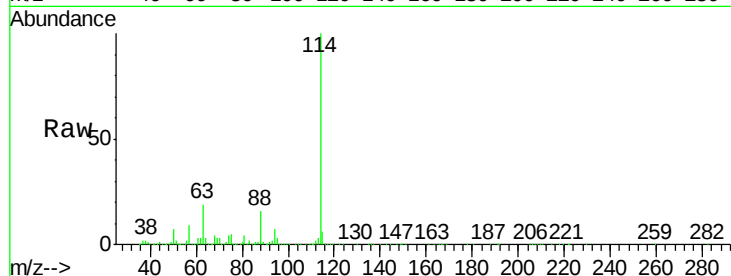
Tot Ion:114 Resp: 939725

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

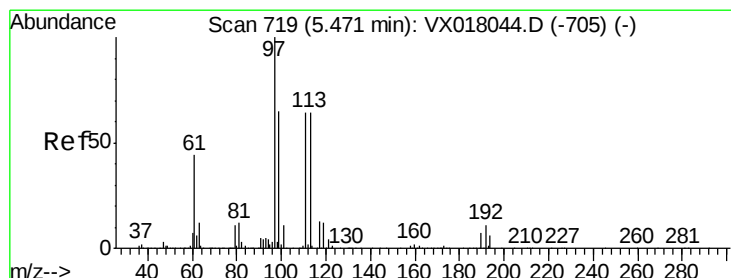
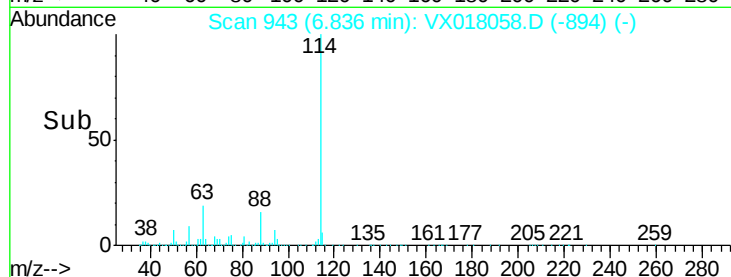
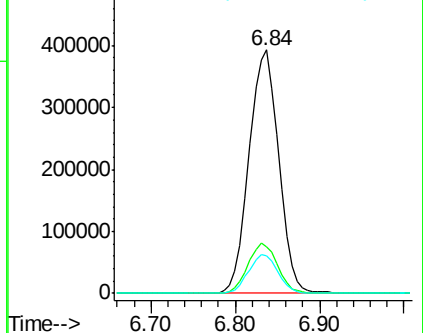
88 15.5 0.0 31.8



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: 48.374 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018058.D

Acq: 21 Aug 2020 14:59

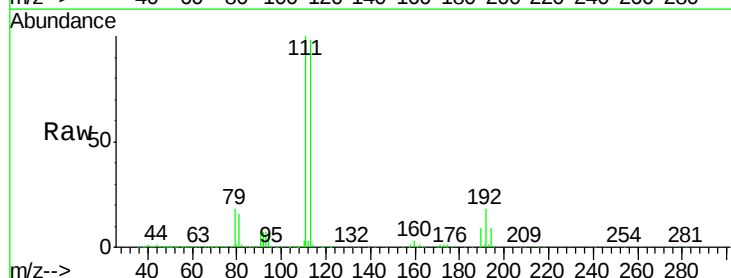
Tgt Ion:113 Resp: 309592

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

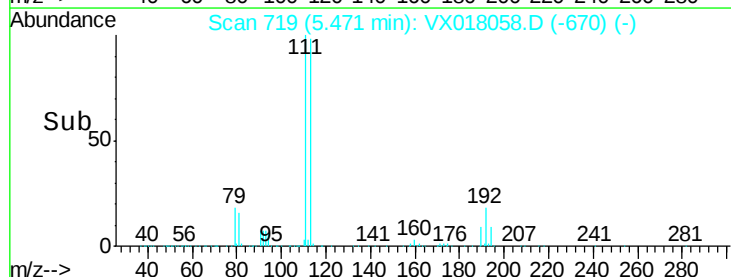
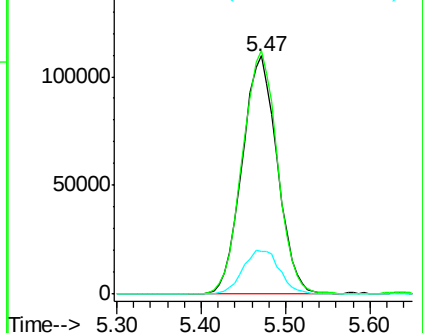
192 19.3 15.8 23.8

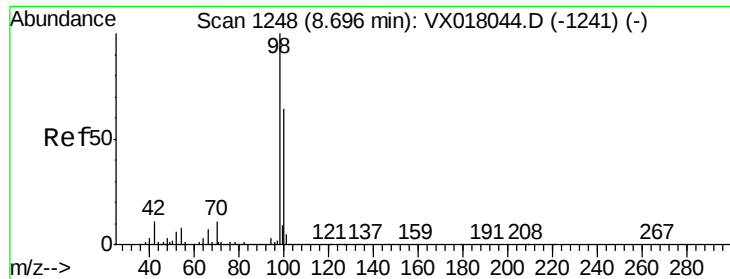


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.853 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018058.D

Acq: 21 Aug 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

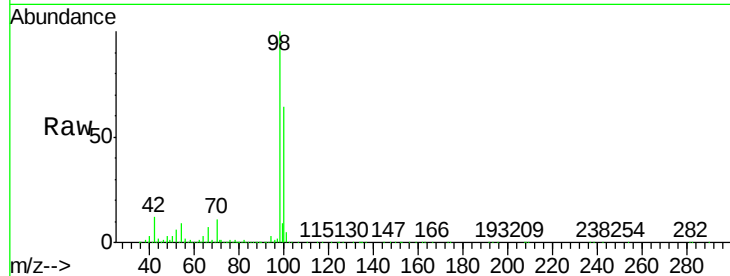
STORAGEBLANK-SOILREF-6

Tot Ion: 98 Resp: 1092992

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

600000

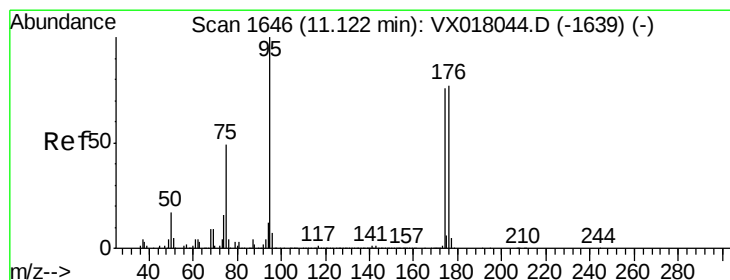
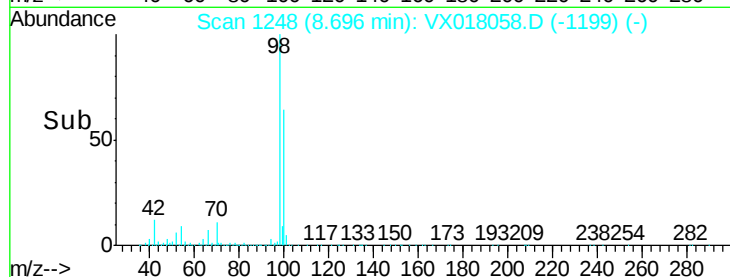
400000

200000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 45.124 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018058.D

Acq: 21 Aug 2020 14:59

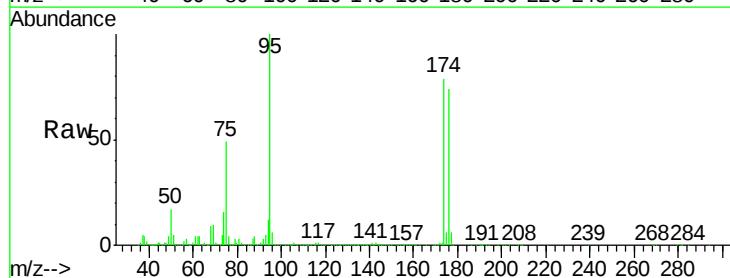
Tgt Ion: 95 Resp: 423198

Ion Ratio Lower Upper

95 100

174 75.7 0.0 160.2

176 74.2 0.0 155.8



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

400000

300000

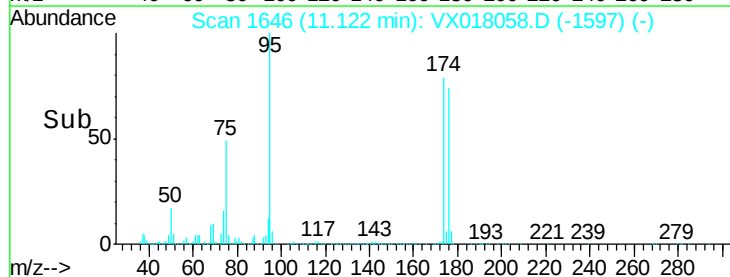
200000

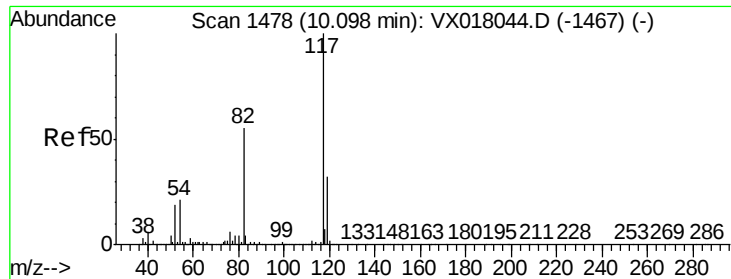
100000

0

Time-->

11.10 11.20

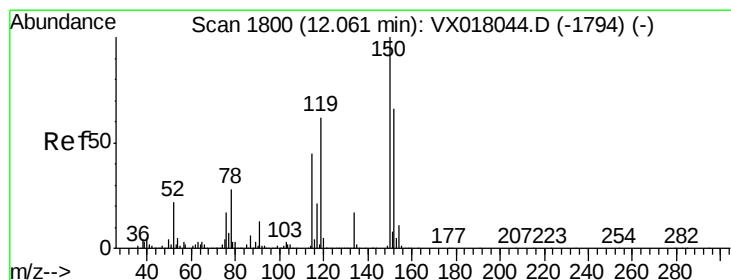
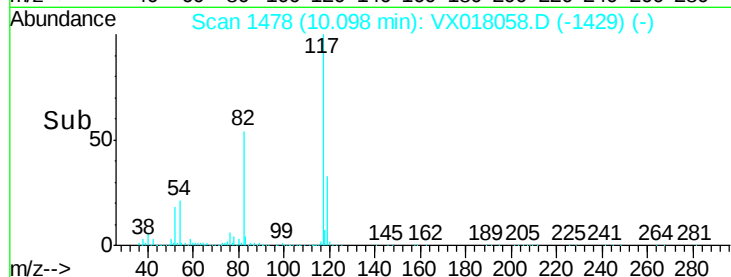
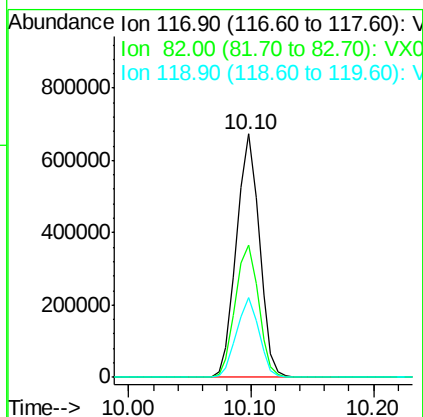
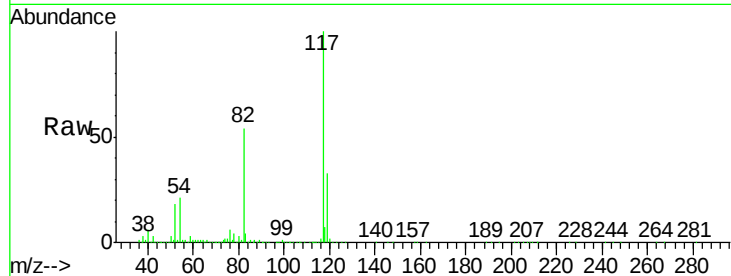




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018058.D
Acq: 21 Aug 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

Tot Ion:117 Resp: 876240
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018058.D
Acq: 21 Aug 2020 14:59

Tgt Ion:152 Resp: 398844
Ion Ratio Lower Upper
152 100
115 58.4 41.5 124.5
150 155.8 0.0 343.8

