

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016913.D
 Acq On : 20 Jun 2020 07:01
 Operator : JC/SP
 Sample : L3066-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB_061820

Quant Time: Jun 22 07:39:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	478110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	277303	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	181260	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.46	113	160818	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	8.70	98	532202	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
62) 4-Bromofluorobenzene	11.12	95	228907	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

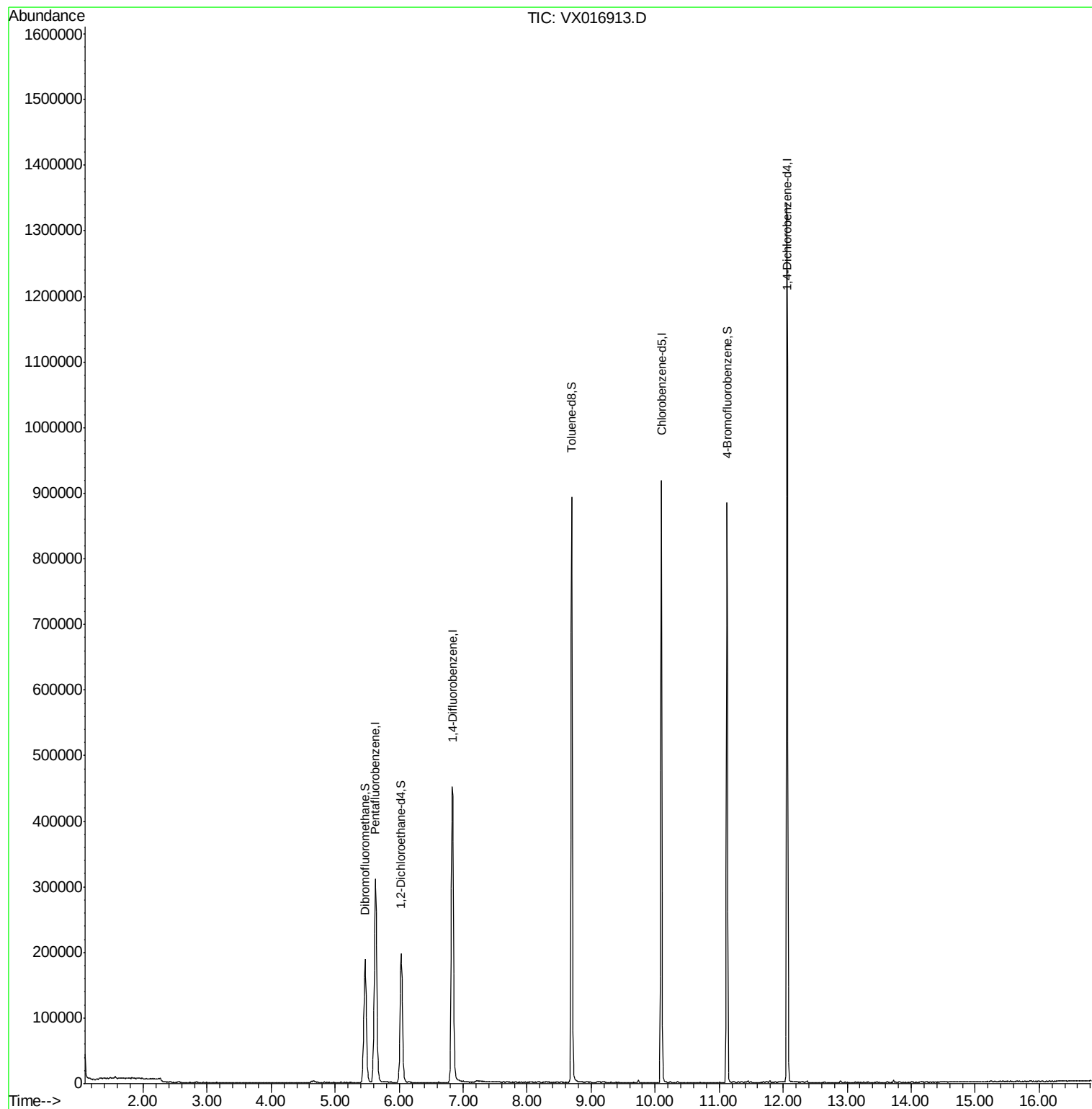
Target Compounds	Qvalue

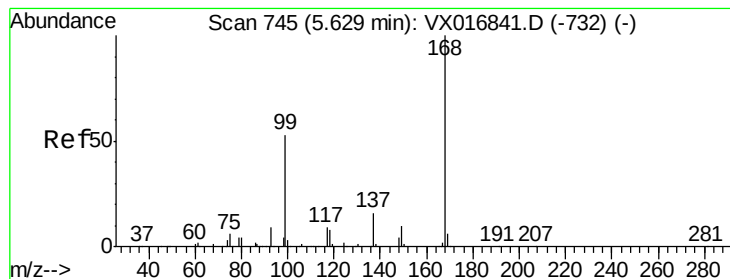
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

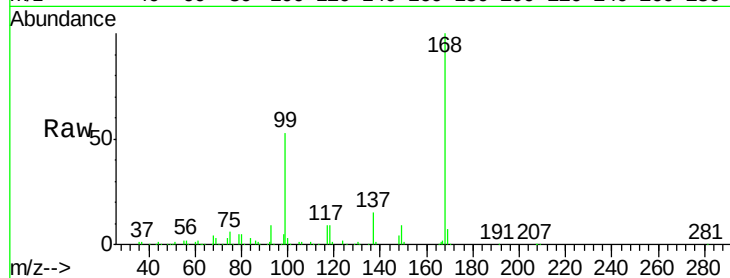
TB_061820

Tot Ion:168 Resp: 310060

Ion Ratio Lower Upper

168 100

99 53.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

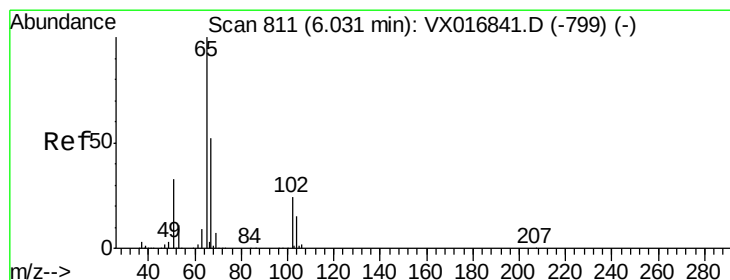
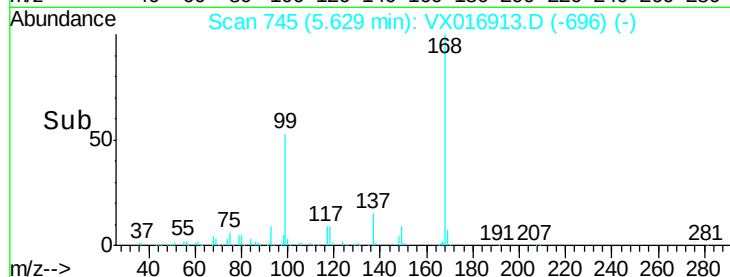
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.608 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016913.D

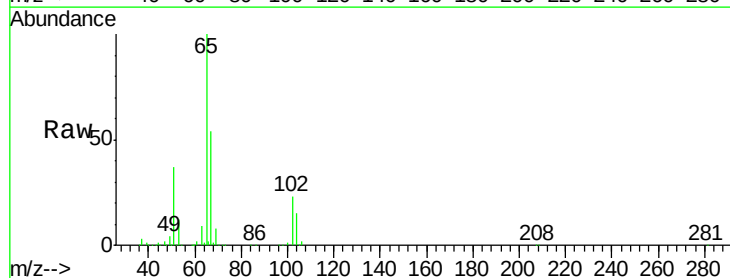
Acq: 20 Jun 2020 07:01

Tgt Ion: 65 Resp: 181260

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

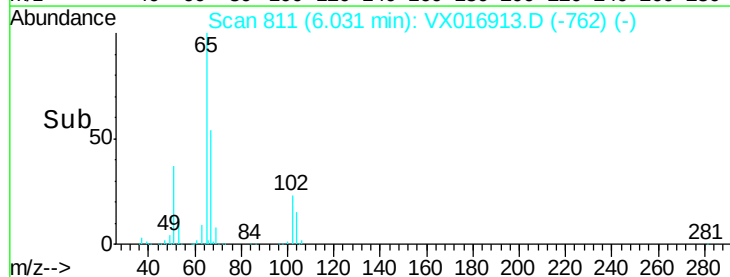
60000

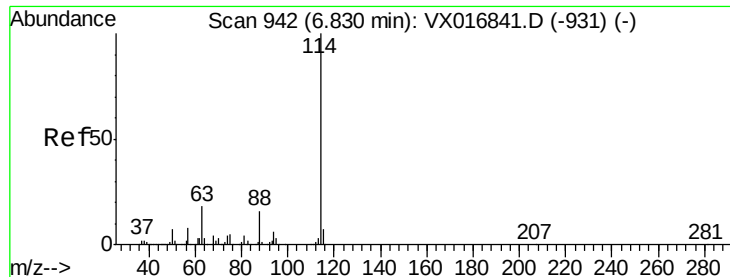
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

TB_061820

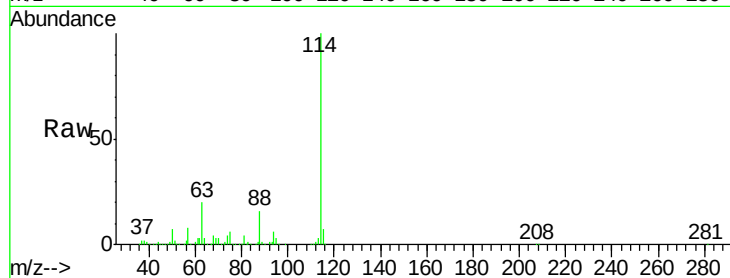
Tot Ion:114 Resp: 478110

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.0

88 16.4 0.0 32.0



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

250000

200000

150000

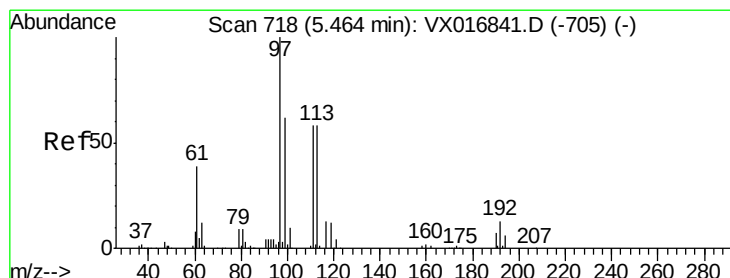
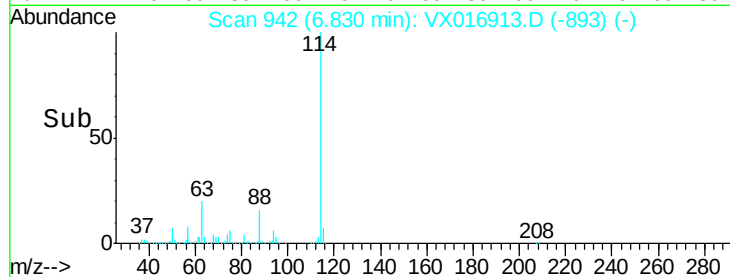
100000

50000

0

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 52.581 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016913.D

Acq: 20 Jun 2020 07:01

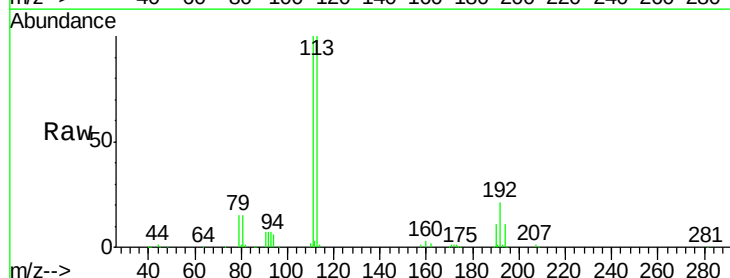
Tgt Ion:113 Resp: 160818

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.4

192 22.3 18.5 27.7



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

80000

60000

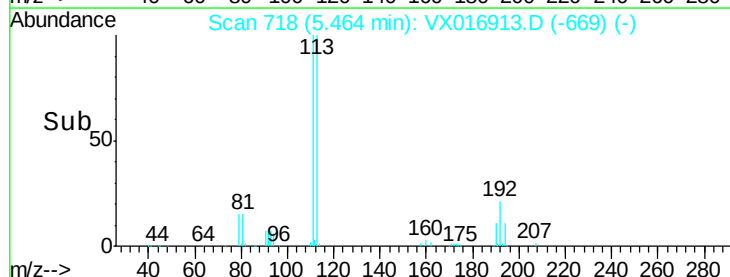
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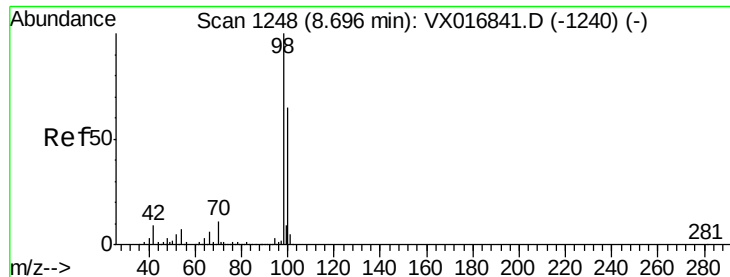
20000

0

5.30 5.40 5.50 5.60

Time-->

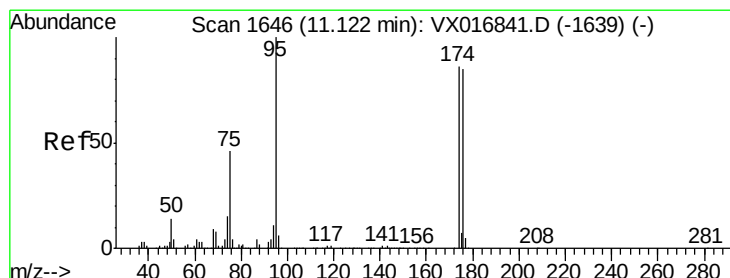
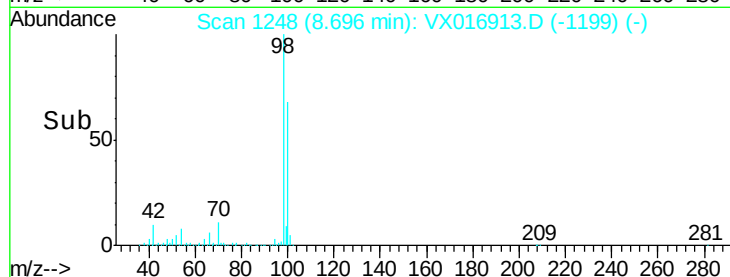
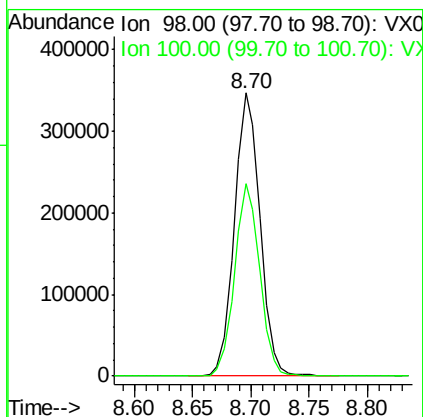
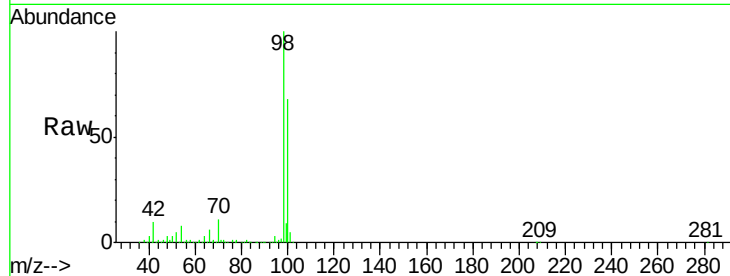




#50
Toluene-d8
Concen: 43.493 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

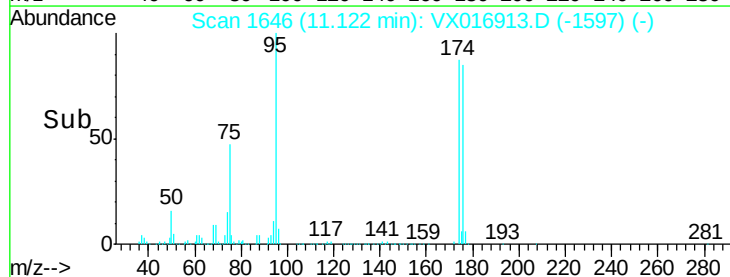
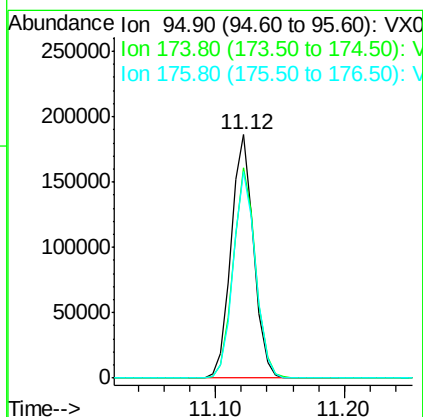
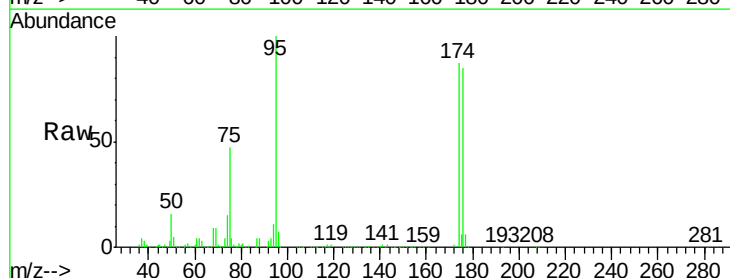
Instrument :
MSVOA_X
ClientSampleId :
TB_061820

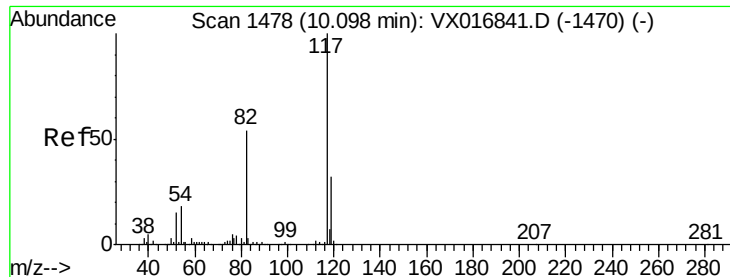
Tot Ion: 98 Resp: 532202
Ion Ratio Lower Upper
98 100
100 67.1 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 48.825 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

Tgt Ion: 95 Resp: 228907
Ion Ratio Lower Upper
95 100
174 85.3 0.0 174.2
176 83.8 0.0 170.0

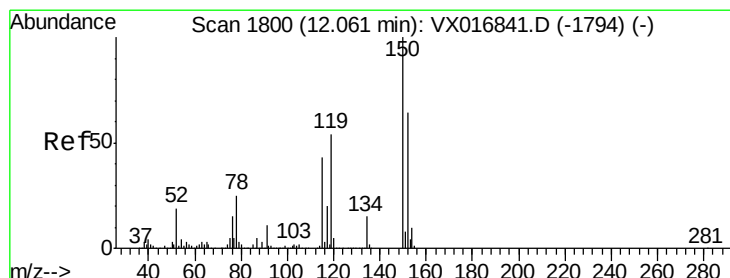
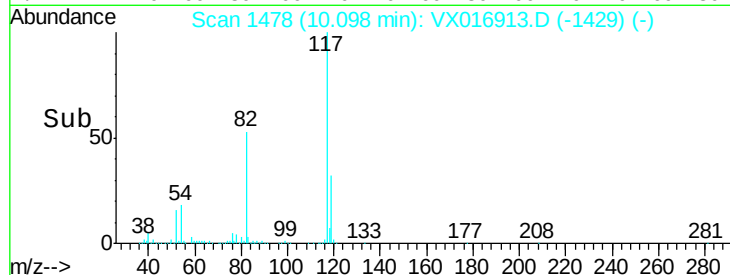
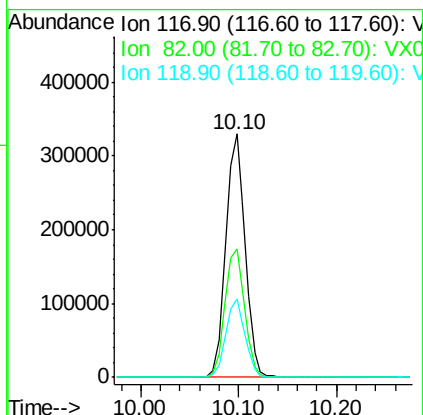
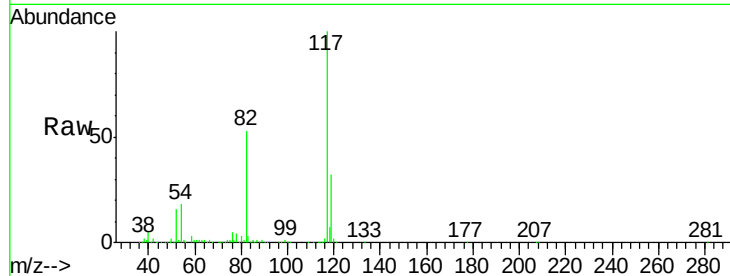




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016913.D
Acq: 20 Jun 2020 07:01

Instrument :
MSVOA_X
ClientSampleId :
TB_061820

Tot Ion:117 Resp: 450285
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.1 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: VX016913.D
Acq: 20 Jun 2020 07:01

Tgt Ion:152 Resp: 277303
Ion Ratio Lower Upper
152 100
115 59.0 40.9 122.8
150 159.0 0.0 344.2

