

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016667.D
 Acq On : 10 Jun 2020 12:22
 Operator : JC/SP
 Sample : L2962-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB4-200609

Quant Time: Jun 11 03:26:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	226050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	355227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	352329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176088	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130981	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.46	113	108617	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.70	98	434162	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.12	95	170115	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

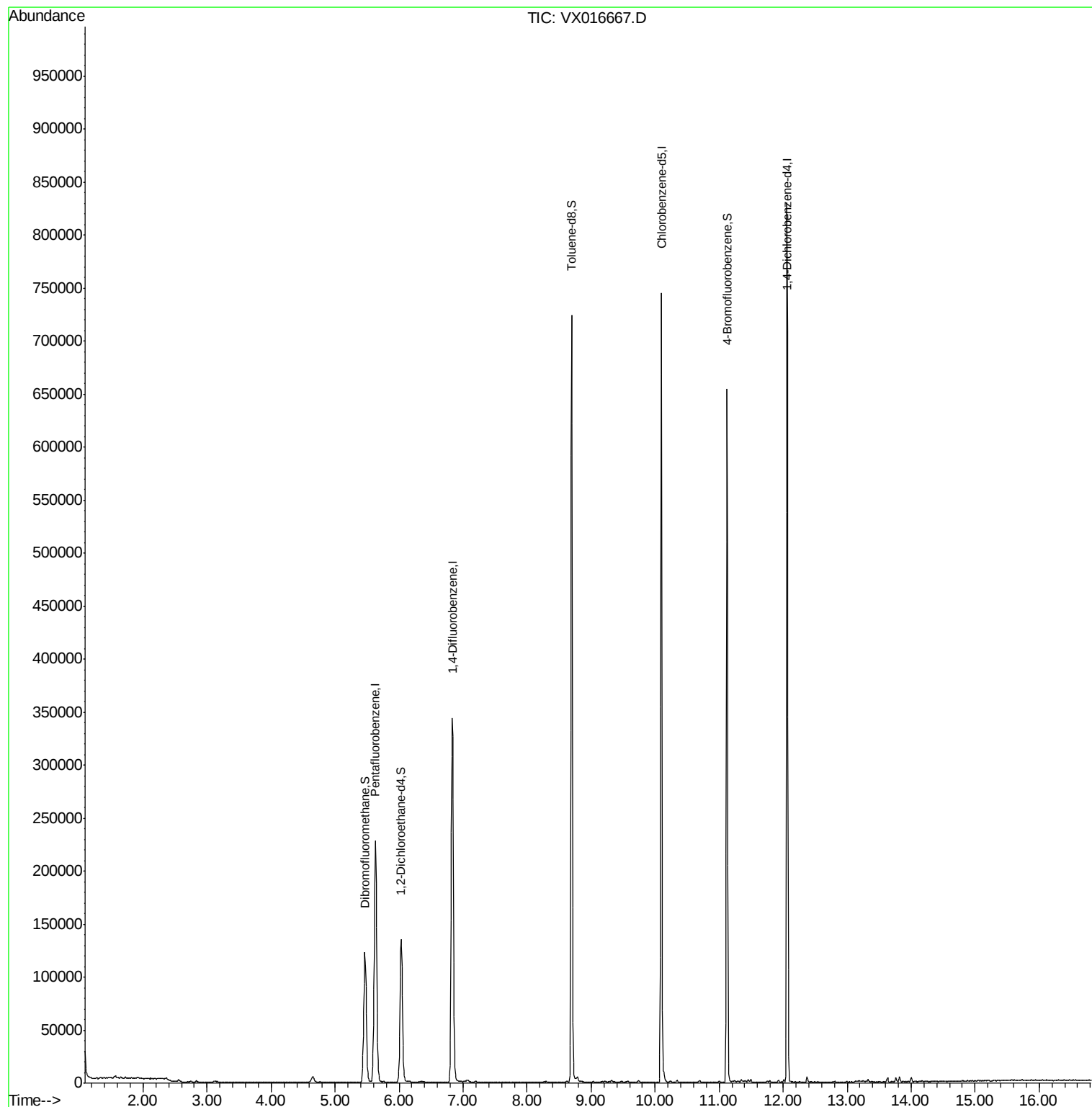
Target Compounds	Qvalue

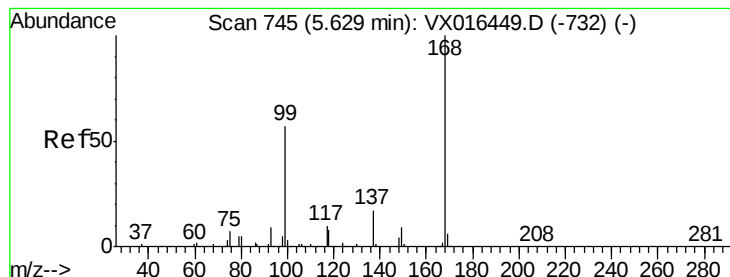
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016667.D

Acq: 10 Jun 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

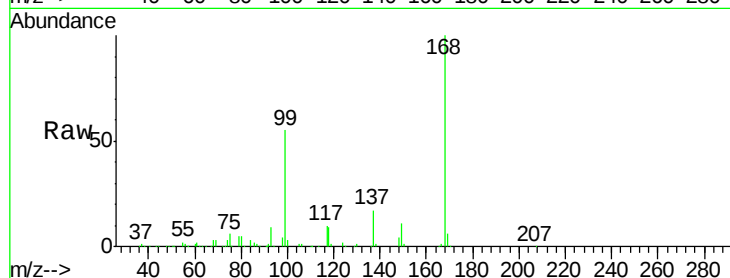
Z5-TB4-200609

Tot Ion:168 Resp: 226050

Ion Ratio Lower Upper

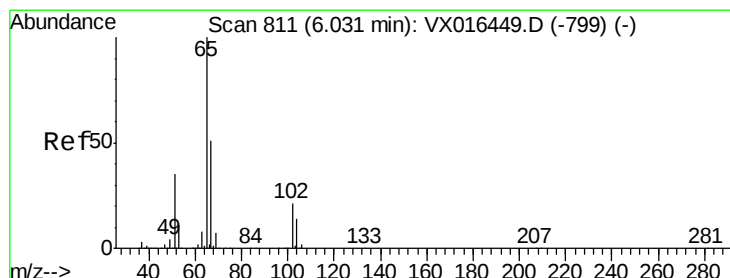
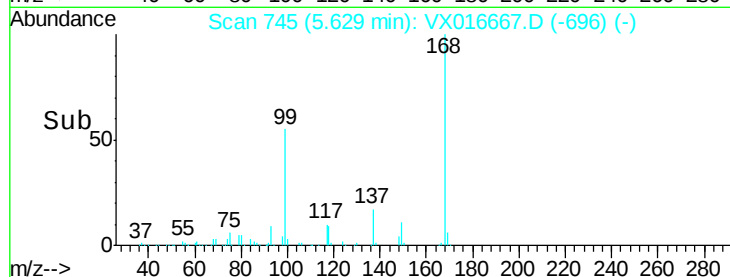
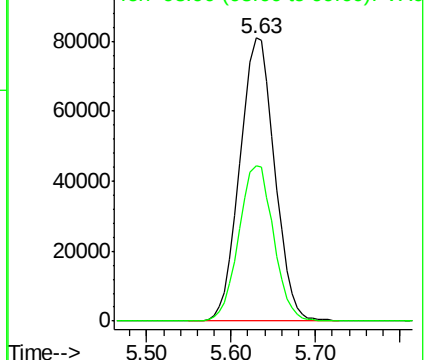
168 100

99 54.9 45.2 67.8



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: 46.658 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016667.D

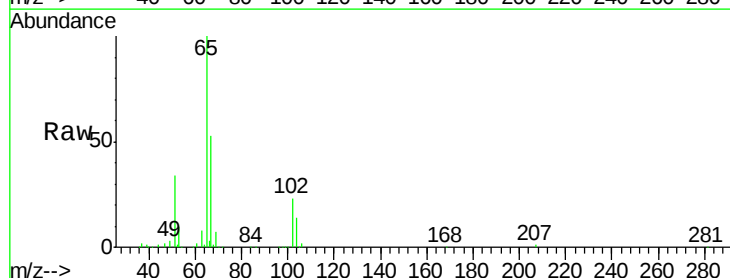
Acq: 10 Jun 2020 12:22

Tgt Ion: 65 Resp: 130981

Ion Ratio Lower Upper

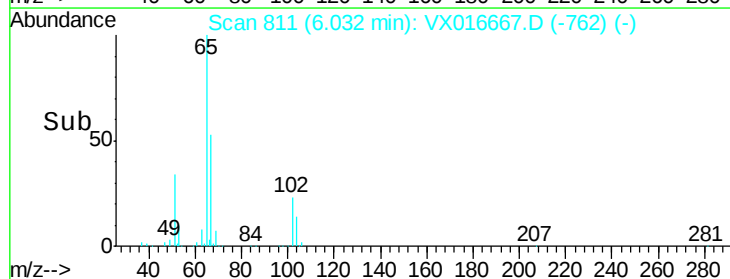
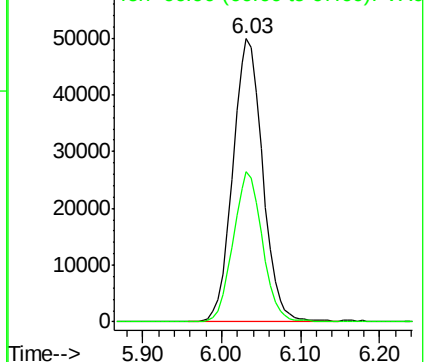
65 100

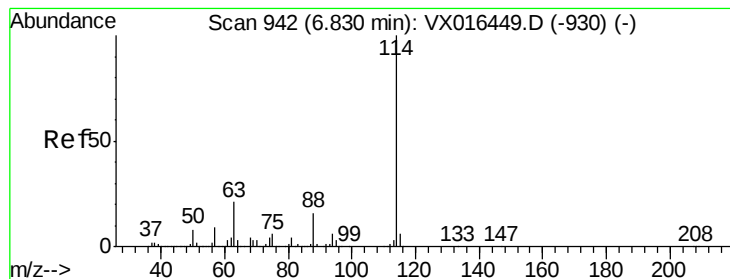
67 52.0 0.0 104.8



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: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016667.D

Acq: 10 Jun 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB4-200609

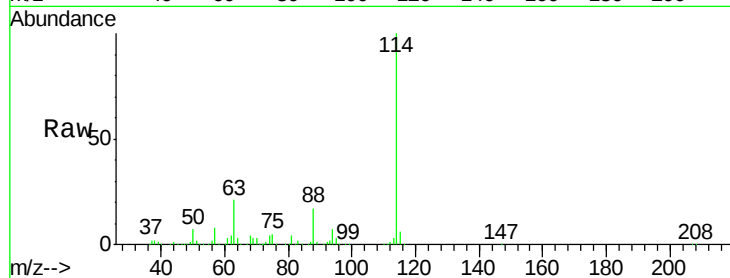
Tot Ion:114 Resp: 355227

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 17.1 0.0 32.8



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

200000

150000

100000

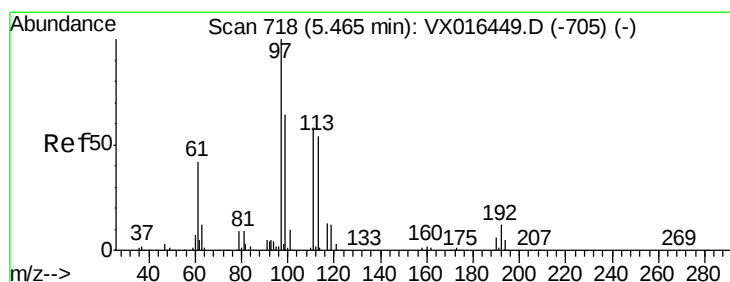
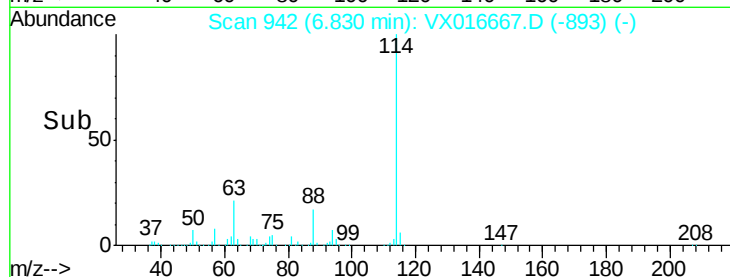
50000

0

6.83

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.658 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016667.D

Acq: 10 Jun 2020 12:22

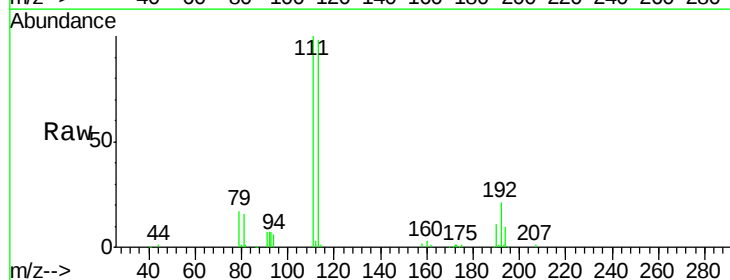
Tgt Ion:113 Resp: 108617

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

192 22.5 17.7 26.5



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

50000

40000

30000

20000

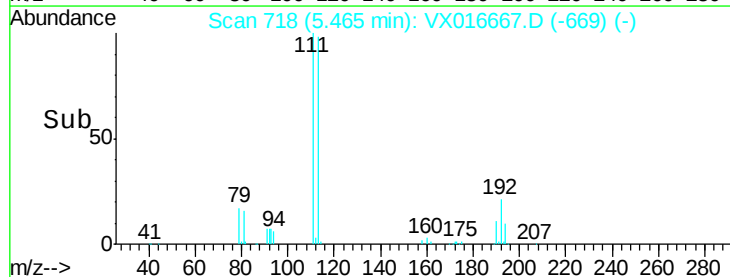
10000

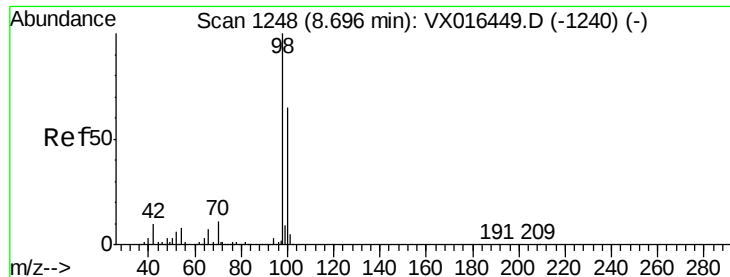
0

5.46

5.30 5.40 5.50 5.60

Time-->

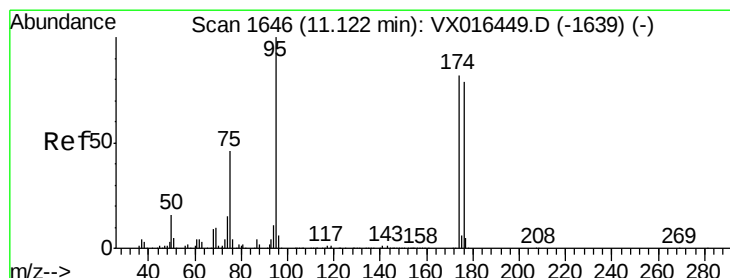
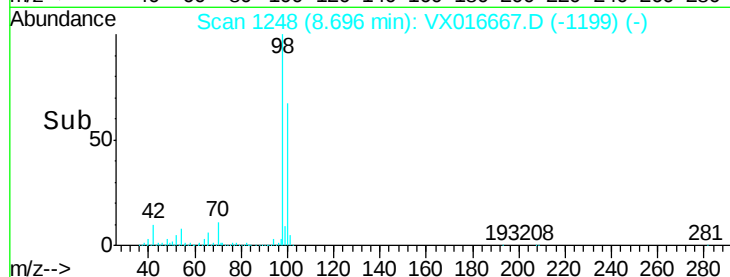
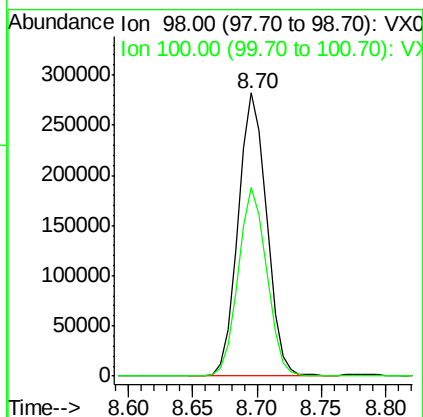
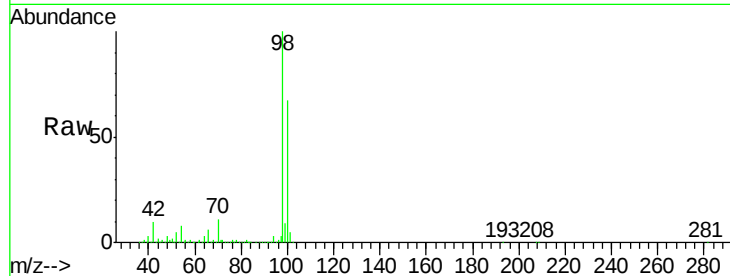




#50
Toluene-d8
Concen: 50.997 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016667.D
Acq: 10 Jun 2020 12:22

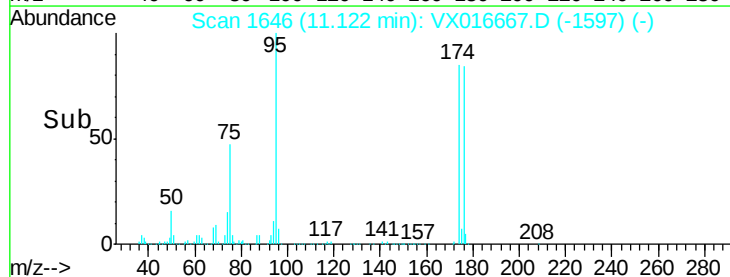
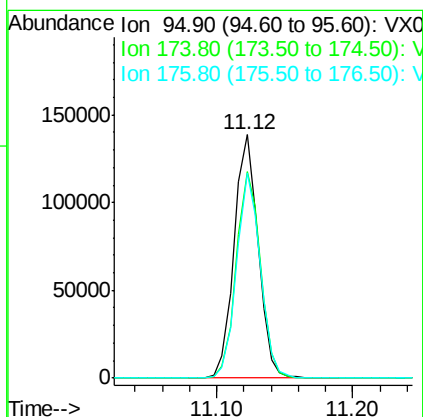
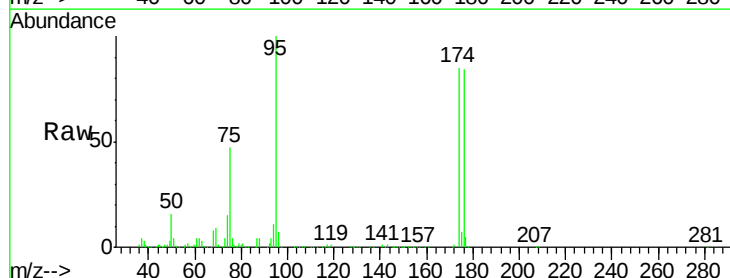
Instrument :
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Z5-TB4-200609

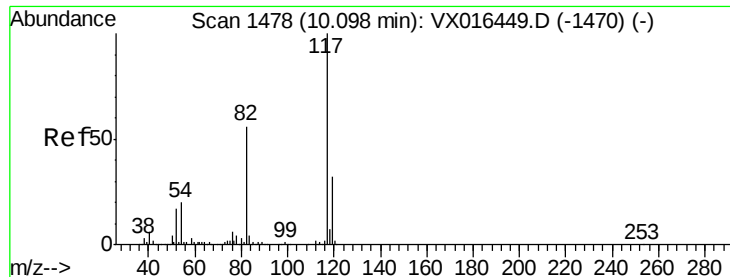
Tot Ion: 98 Resp: 434162
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 51.713 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016667.D
Acq: 10 Jun 2020 12:22

Tgt Ion: 95 Resp: 170115
Ion Ratio Lower Upper
95 100
174 85.8 0.0 163.0
176 83.3 0.0 156.8

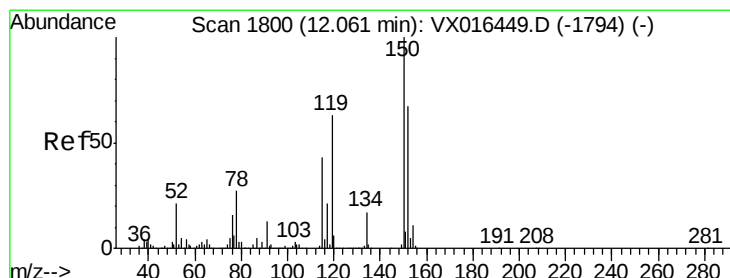
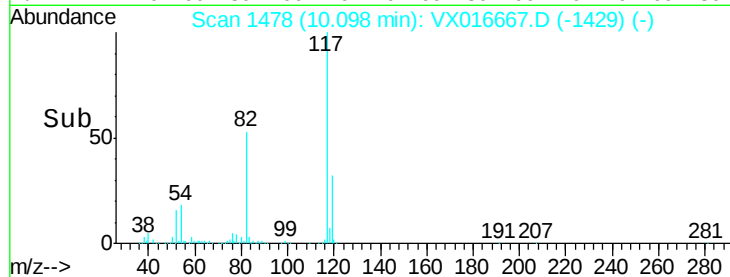
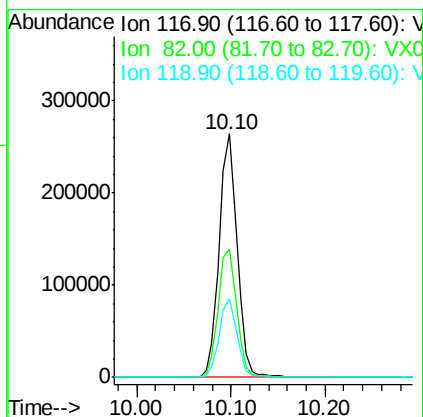
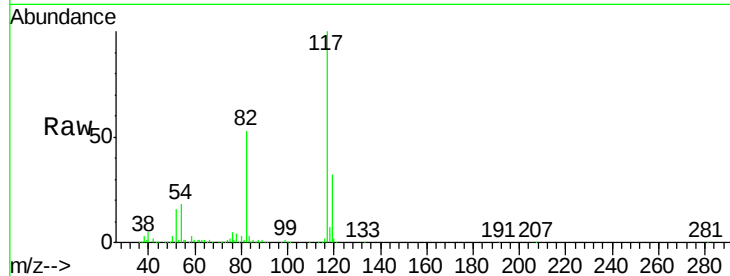




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016667.D
Acq: 10 Jun 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB4-200609

Tot Ion:117 Resp: 352329
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016667.D
Acq: 10 Jun 2020 12:22

Tgt Ion:152 Resp: 176088
Ion Ratio Lower Upper
152 100
115 58.4 39.9 119.6
150 155.1 0.0 341.0

