

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016733.D
 Acq On : 12 Jun 2020 17:03
 Operator : JC/SP
 Sample : L3005-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB8-200611

Quant Time: Jun 15 08:11:15 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	221031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	358304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133399	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.46	113	108677	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	8.70	98	429459	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.12	95	172760	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

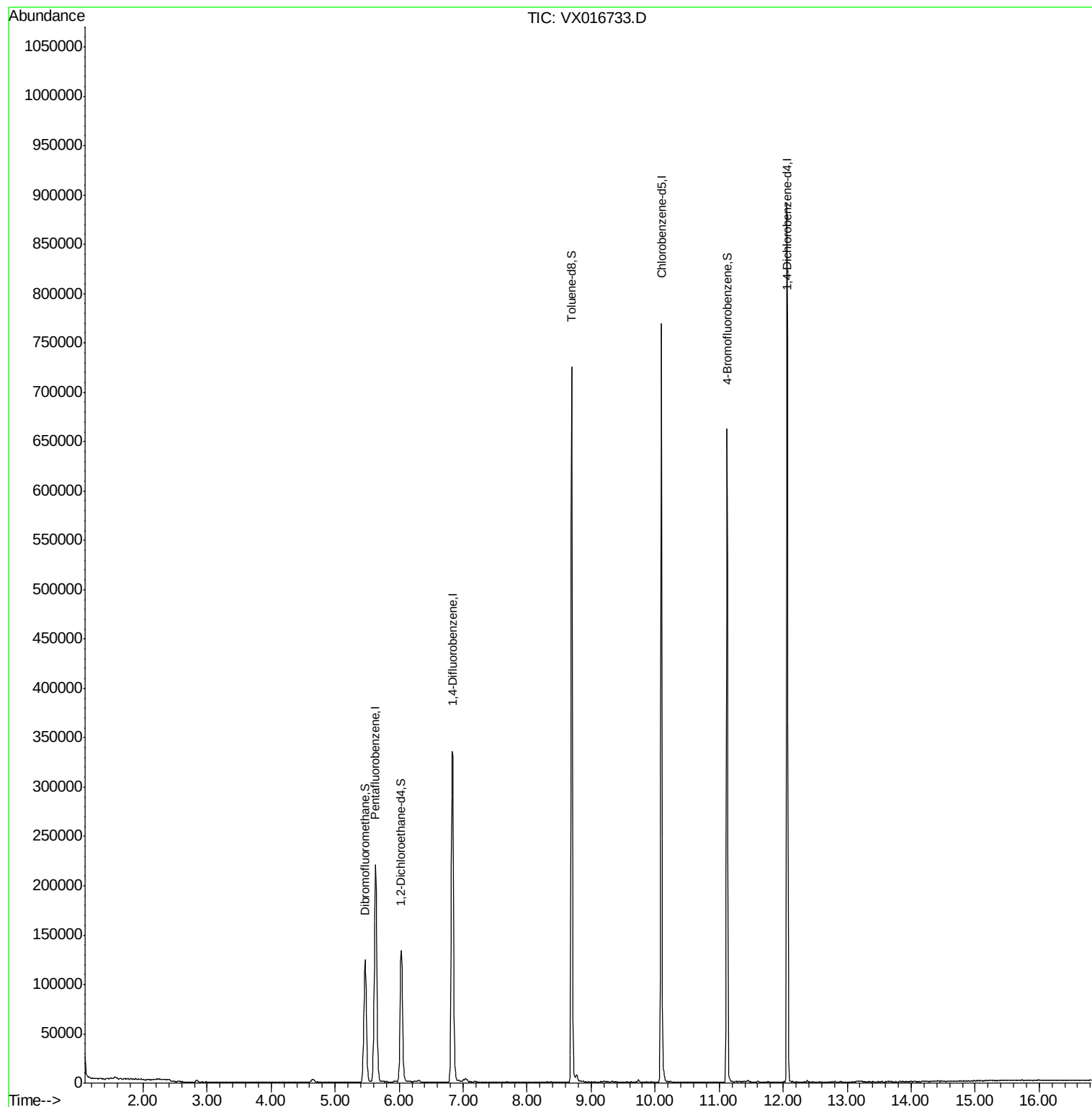
Target Compounds	Qvalue

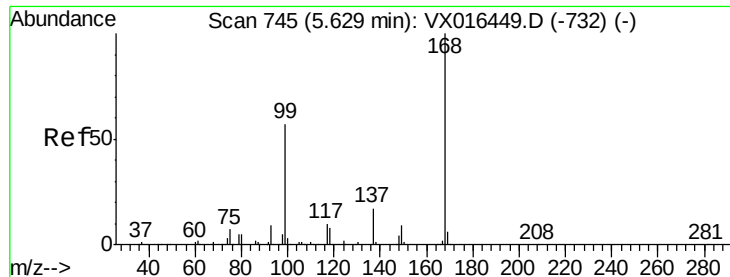
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016733.D

Acq: 12 Jun 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

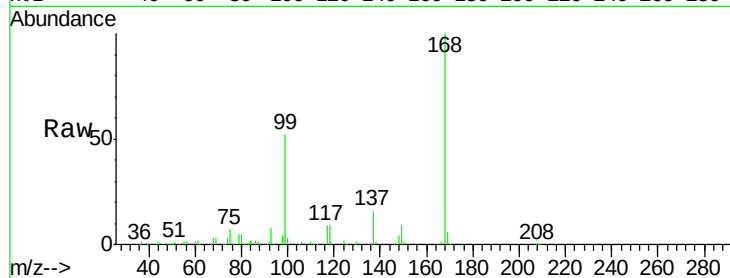
Z1-TB8-200611

Tgt Ion:168 Resp: 221031

Ion Ratio Lower Upper

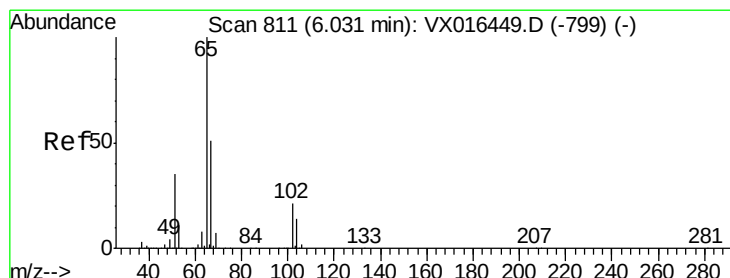
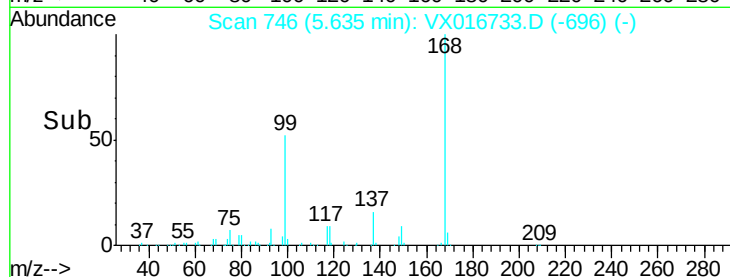
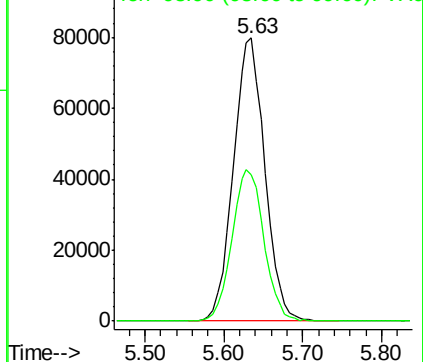
168 100

99 52.0 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: 48.599 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016733.D

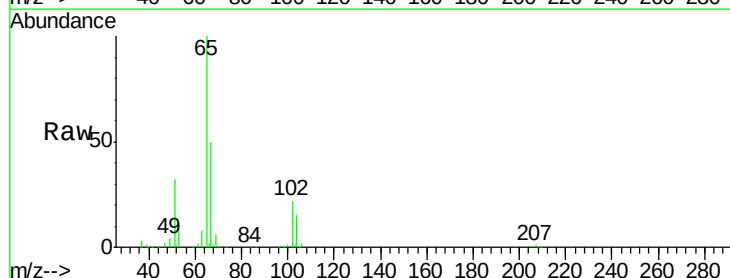
Acq: 12 Jun 2020 17:03

Tgt Ion: 65 Resp: 133399

Ion Ratio Lower Upper

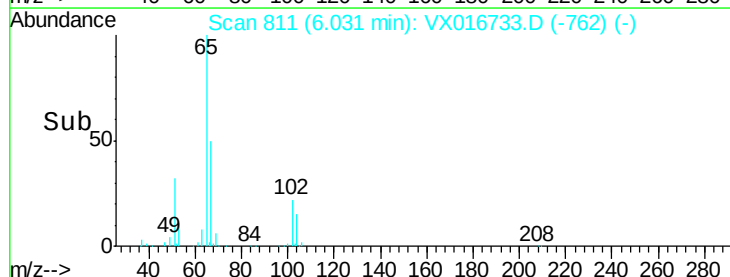
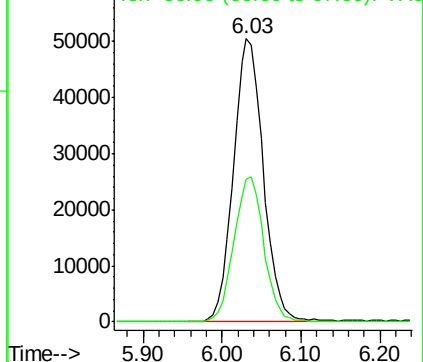
65 100

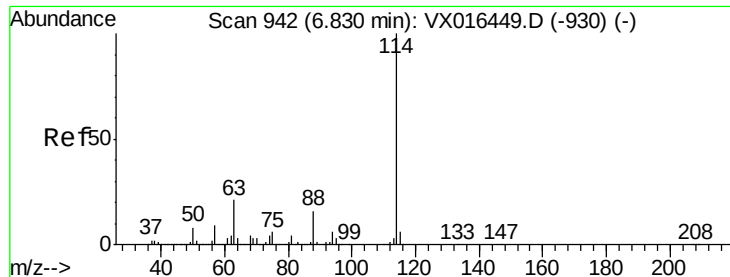
67 51.1 0.0 104.8



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: VX016733.D

Acq: 12 Jun 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB8-200611

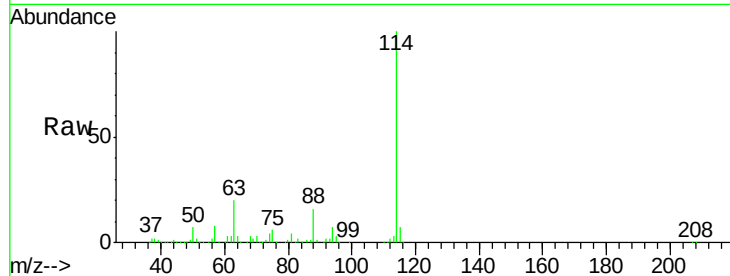
Tgt Ion:114 Resp: 350650

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.4 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

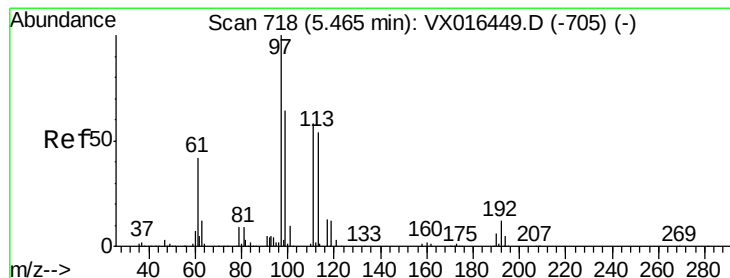
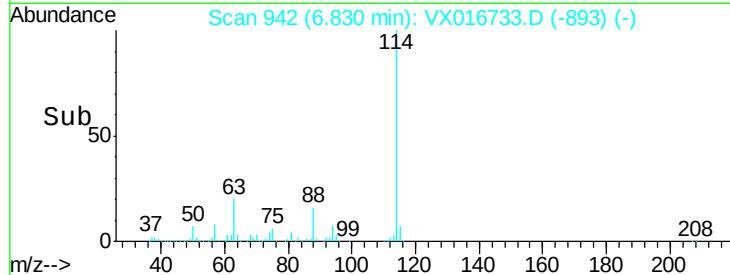
50000

0

6.83

6.80 6.85 6.90

Time-->



#35

Dibromofluoromethane

Concen: 50.334 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016733.D

Acq: 12 Jun 2020 17:03

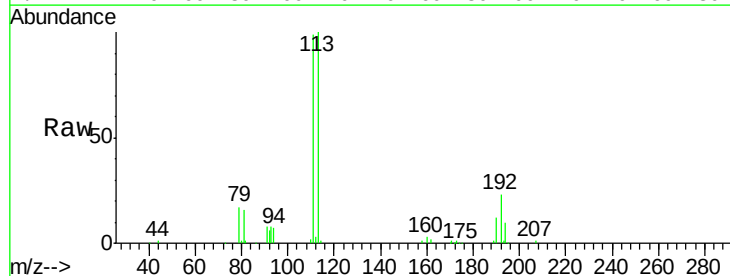
Tgt Ion:113 Resp: 108677

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

192 23.3 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

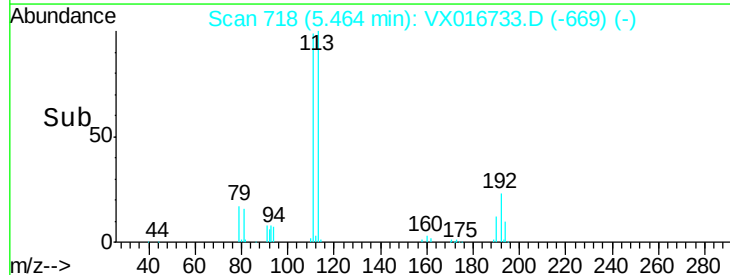
10000

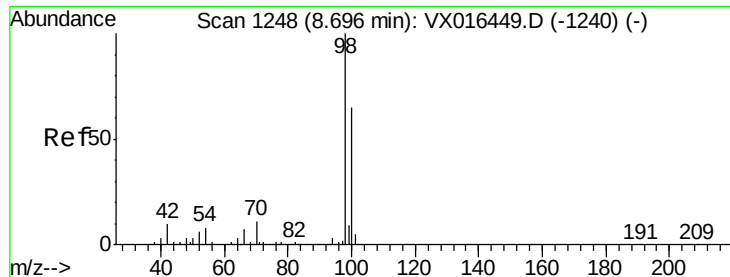
0

5.46

5.40 5.45 5.50 5.55

Time-->

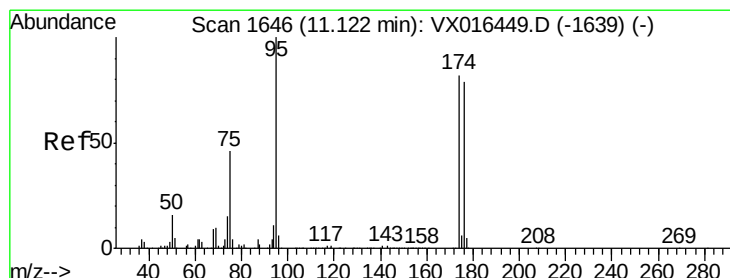
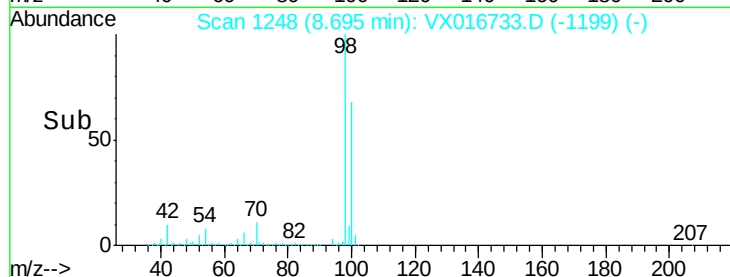
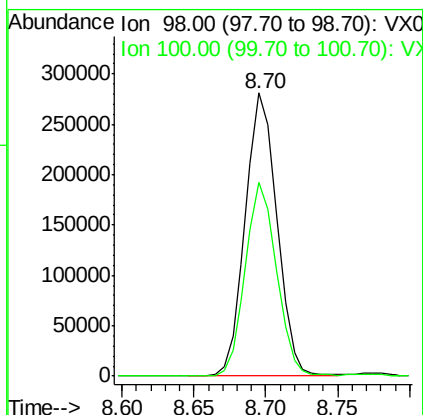
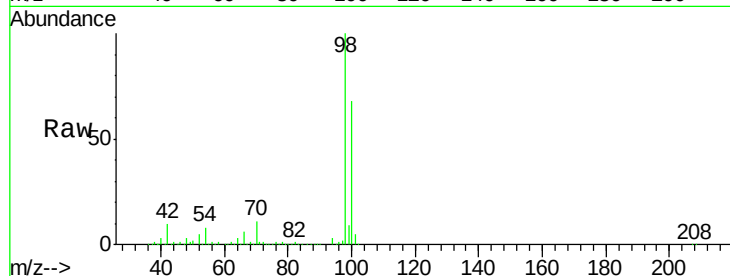




#50
Toluene-d8
Concen: 51.103 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

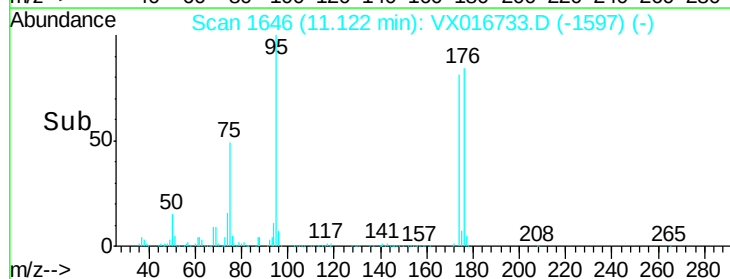
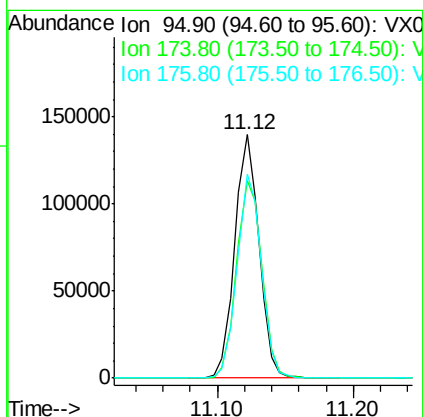
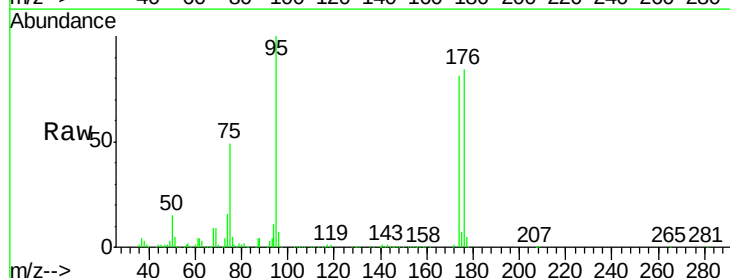
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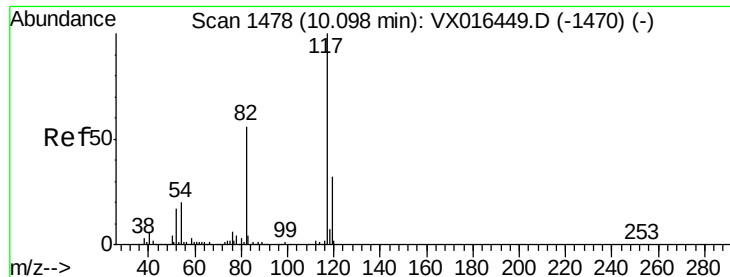
Tgt Ion: 98 Resp: 429459
Ion Ratio Lower Upper
98 100
100 67.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.203 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

Tgt Ion: 95 Resp: 172760
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 84.2 0.0 156.8

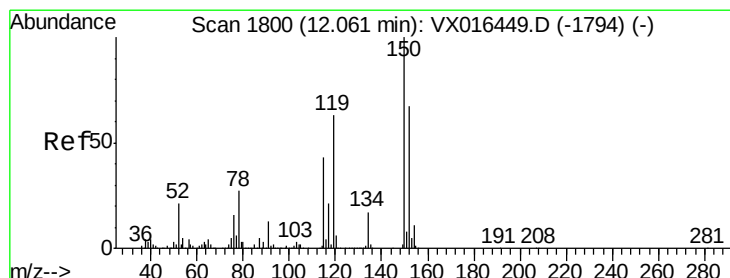
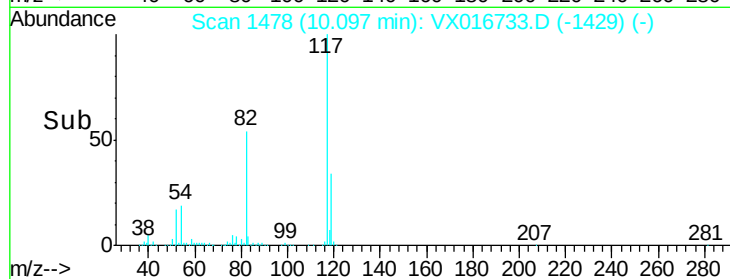
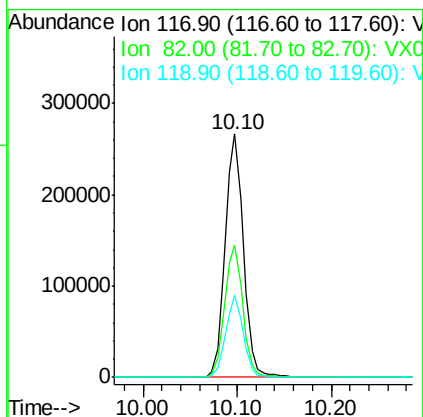
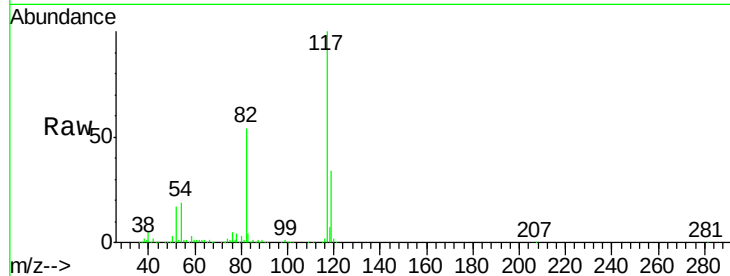




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016733.D
Acq: 12 Jun 2020 17:03

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB8-200611

Tgt Ion:117 Resp: 358304
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.6
119 33.8 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: VX016733.D
Acq: 12 Jun 2020 17:03

Tgt Ion:152 Resp: 188069
Ion Ratio Lower Upper
152 100
115 56.6 39.9 119.6
150 155.7 0.0 341.0

