

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016737.D
 Acq On : 12 Jun 2020 18:34
 Operator : JC/SP
 Sample : L2971-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30698

Quant Time: Jun 15 08:17:31 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	216238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	341362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	350951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130820	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.46	113	110899	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	8.70	98	423196	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.12	95	167656	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

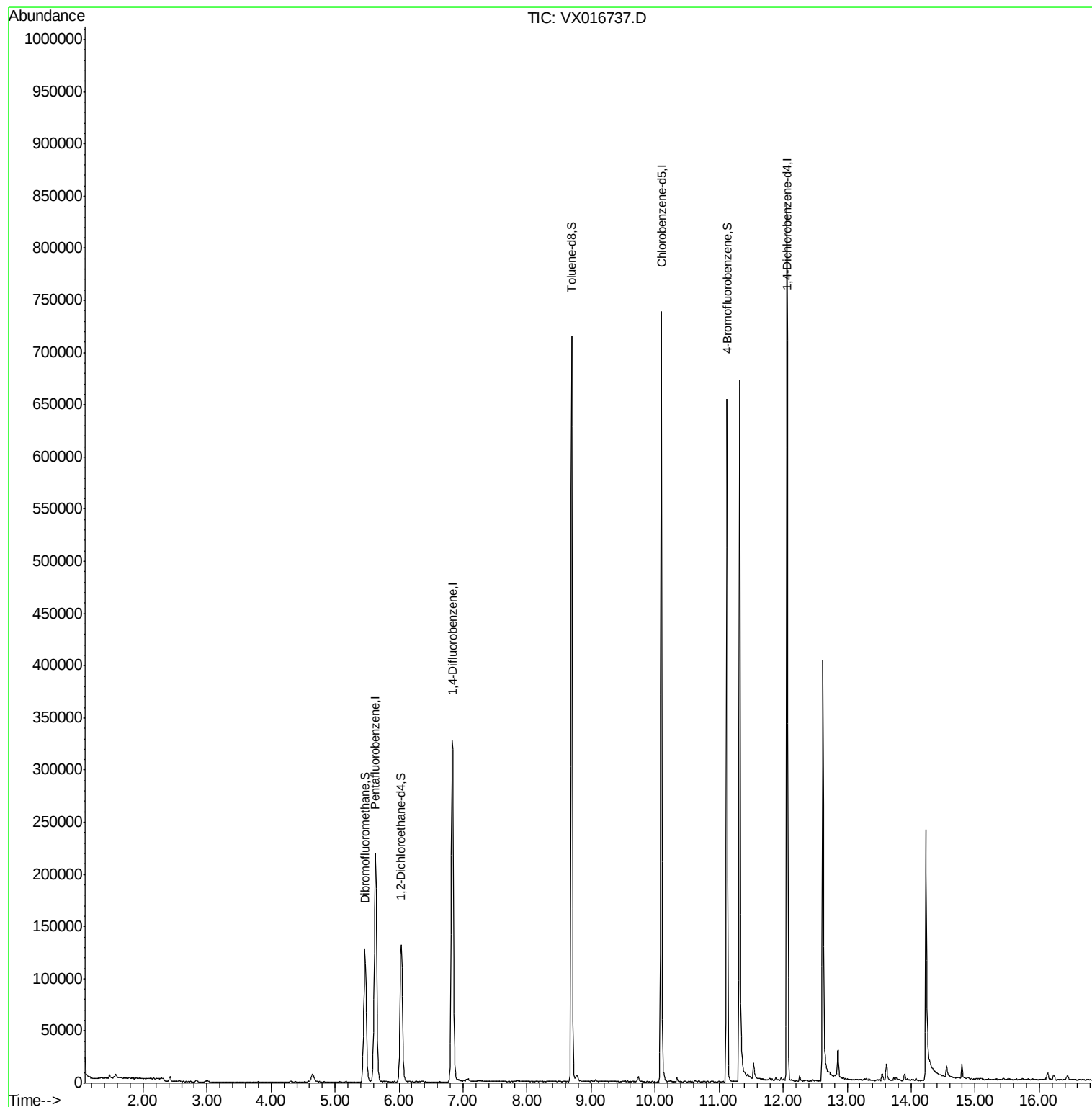
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016737.D

Acq: 12 Jun 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

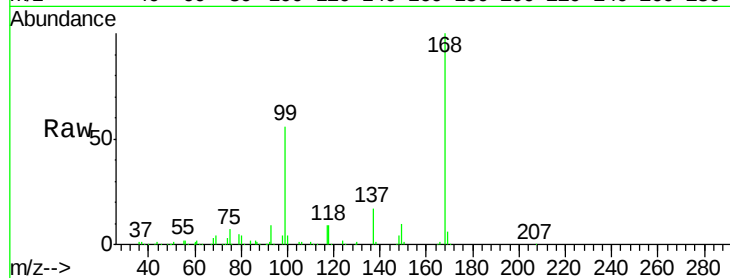
30698

Tgt Ion:168 Resp: 216238

Ion Ratio Lower Upper

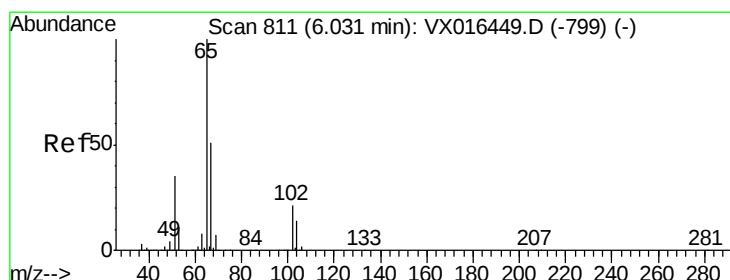
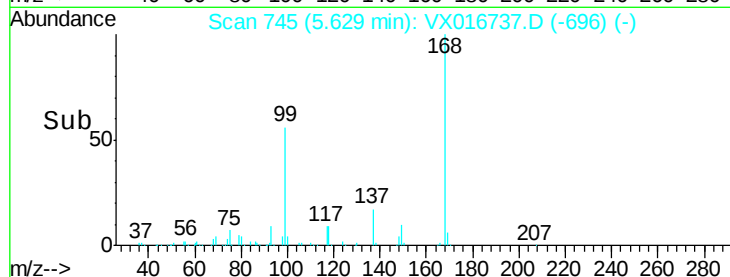
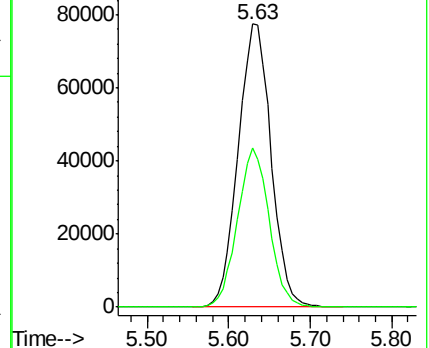
168 100

99 56.2 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: 48.715 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016737.D

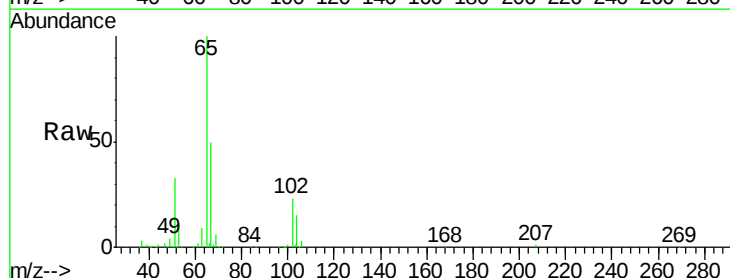
Acq: 12 Jun 2020 18:34

Tgt Ion: 65 Resp: 130820

Ion Ratio Lower Upper

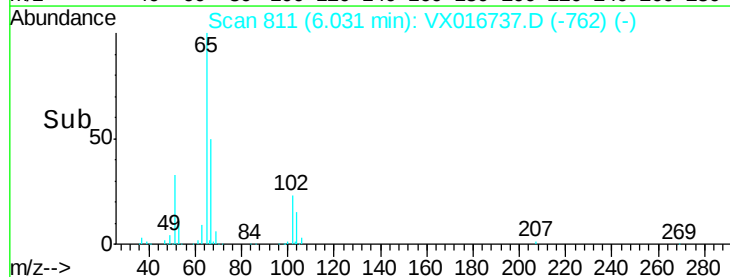
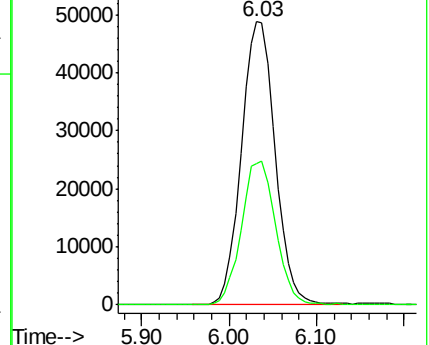
65 100

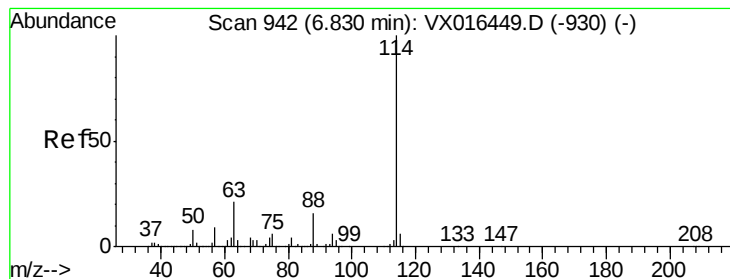
67 51.5 0.0 104.8



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: VX016737.D

Acq: 12 Jun 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

30698

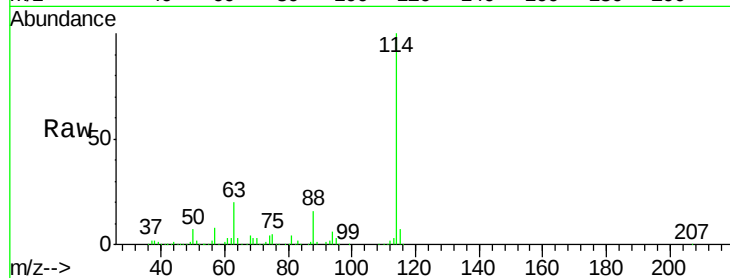
Tgt Ion:114 Resp: 341362

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

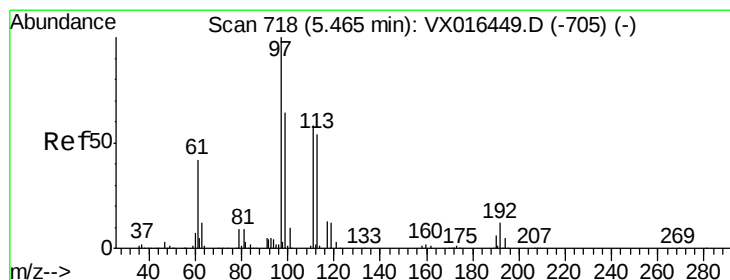
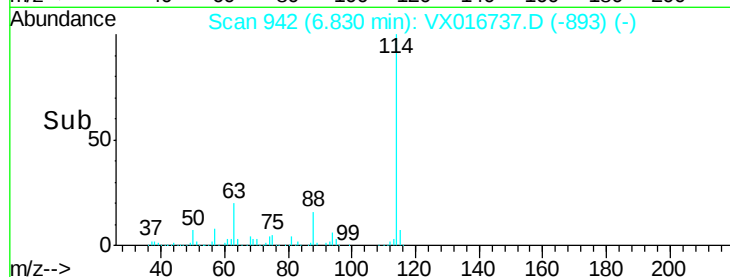
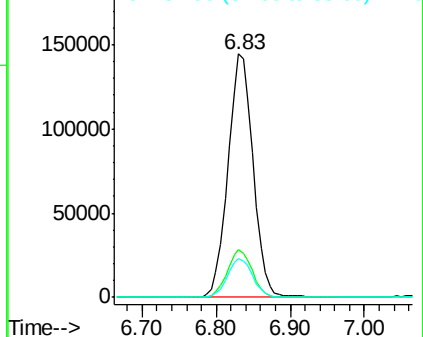
88 16.0 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 52.761 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016737.D

Acq: 12 Jun 2020 18:34

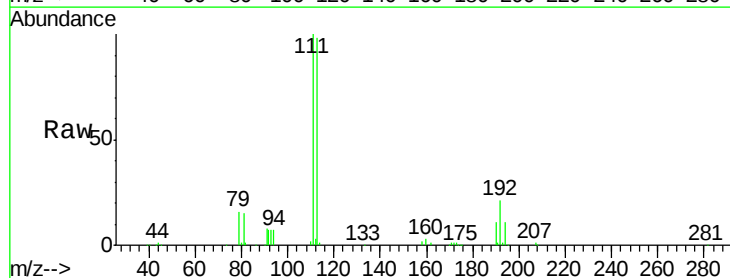
Tgt Ion:113 Resp: 110899

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

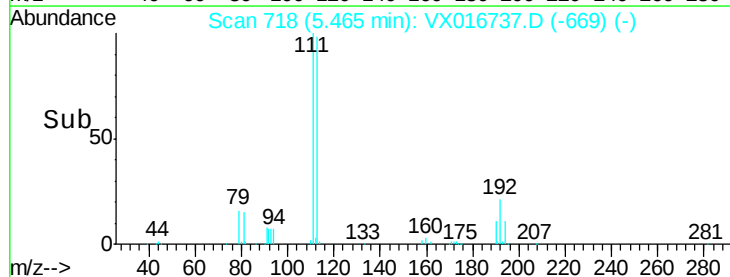
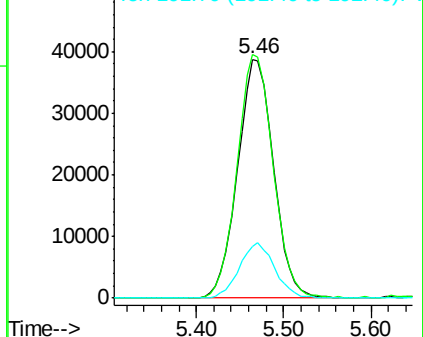
192 22.8 17.7 26.5

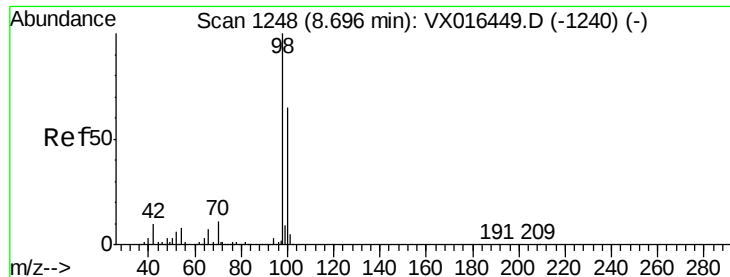


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.728 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016737.D

Acq: 12 Jun 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

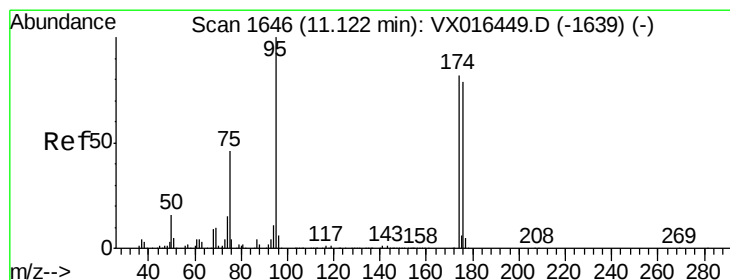
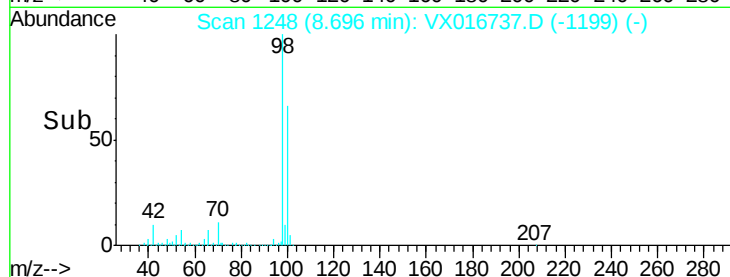
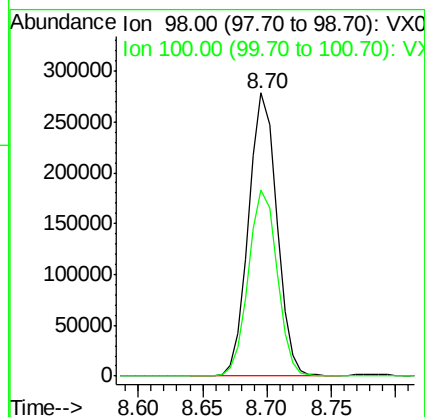
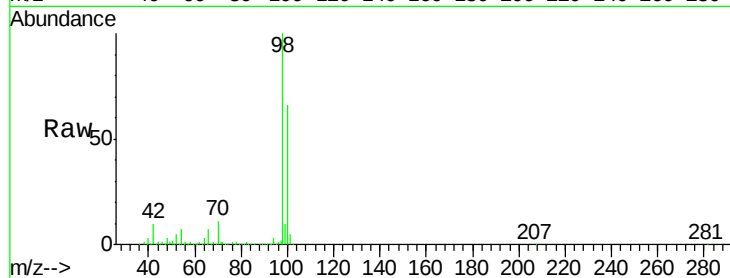
30698

Tgt Ion: 98 Resp: 423196

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 53.036 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016737.D

Acq: 12 Jun 2020 18:34

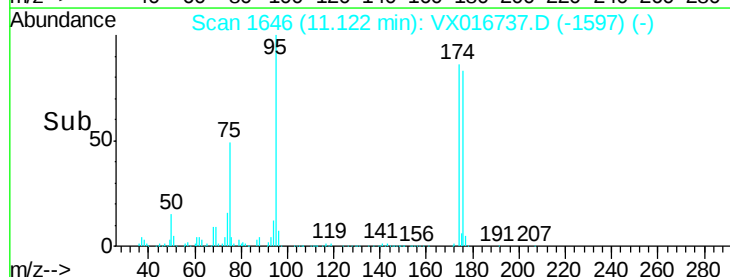
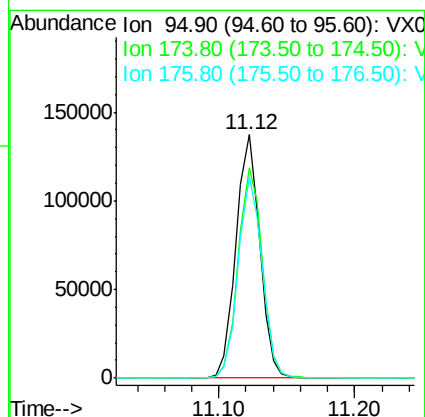
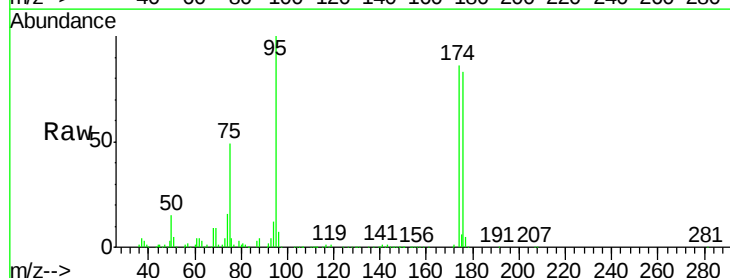
Tgt Ion: 95 Resp: 167656

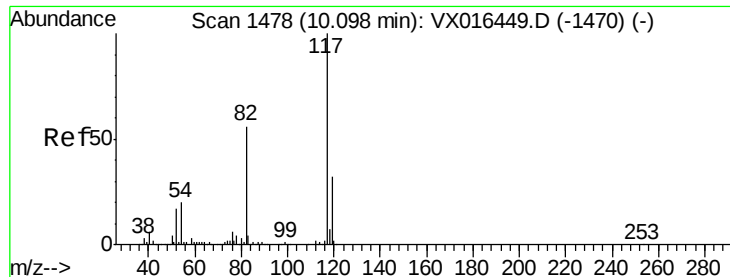
Ion Ratio Lower Upper

95 100

174 87.8 0.0 163.0

176 83.2 0.0 156.8

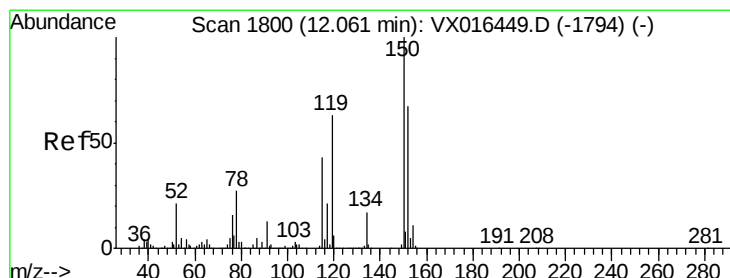
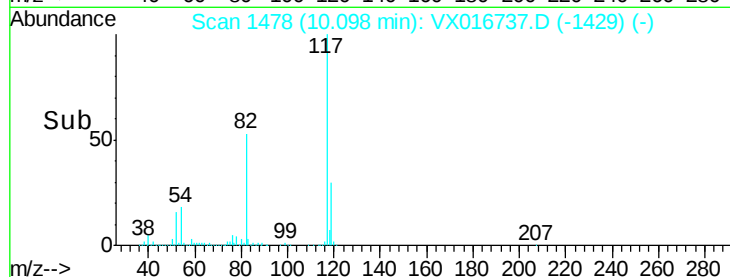
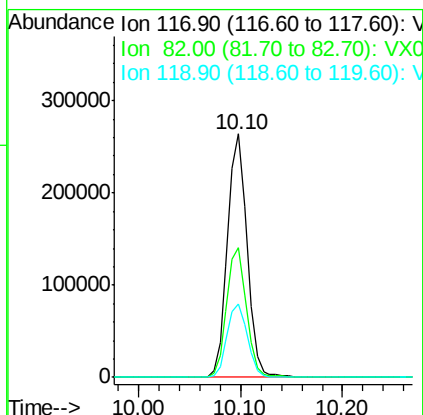
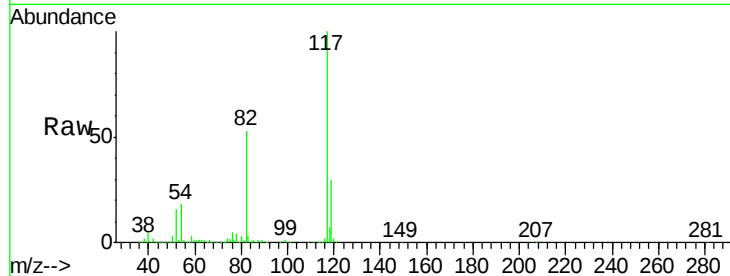




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016737.D
Acq: 12 Jun 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :
30698

Tgt Ion:117 Resp: 350951
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.6
119 30.2 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: VX016737.D
Acq: 12 Jun 2020 18:34

Tgt Ion:152 Resp: 184425
Ion Ratio Lower Upper
152 100
115 57.5 39.9 119.6
150 154.9 0.0 341.0

