

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016463.D
 Acq On : 27 May 2020 22:09
 Operator : JC/SP
 Sample : L2767-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1006

Quant Time: May 28 07:45:17 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	272545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225404	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	165127	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.47	113	128720	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	8.70	98	545737	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.12	95	222733	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	

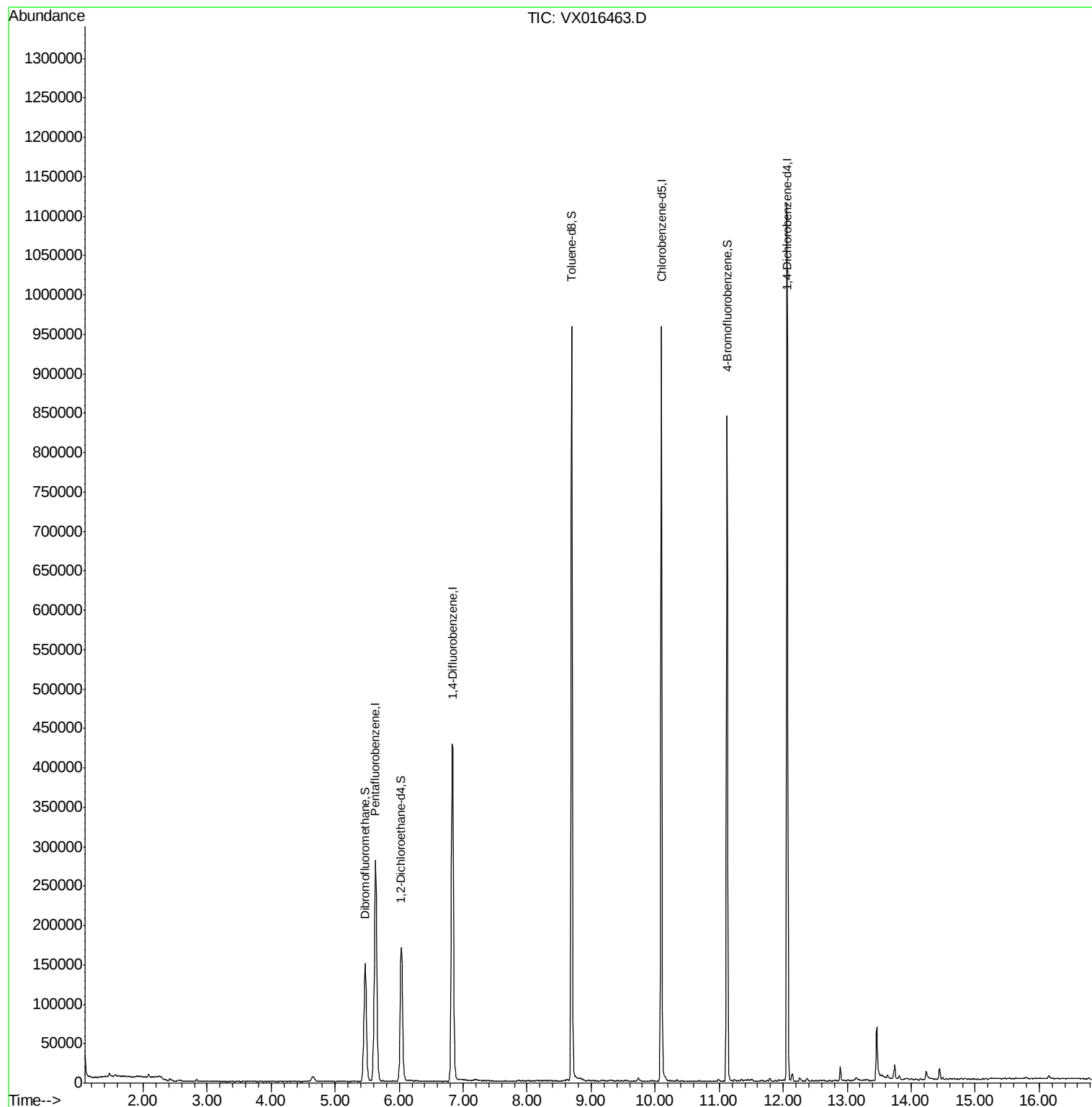
Target Compounds	Qvalue

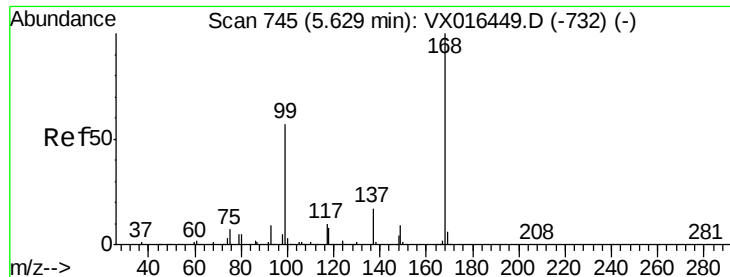
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016463.D

Acq: 27 May 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

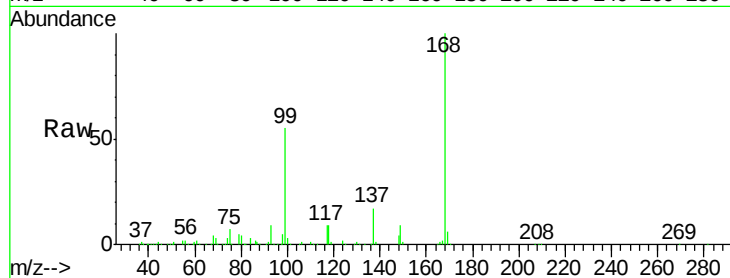
TRE-1006

Tot Ion:168 Resp: 272545

Ion Ratio Lower Upper

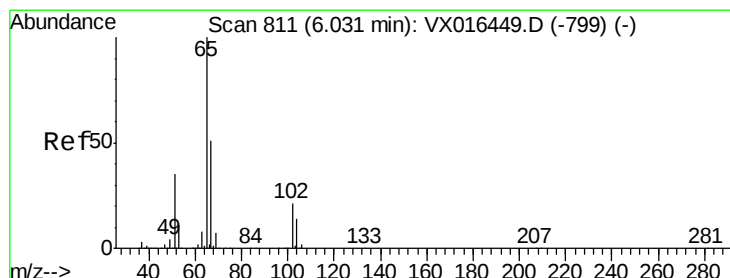
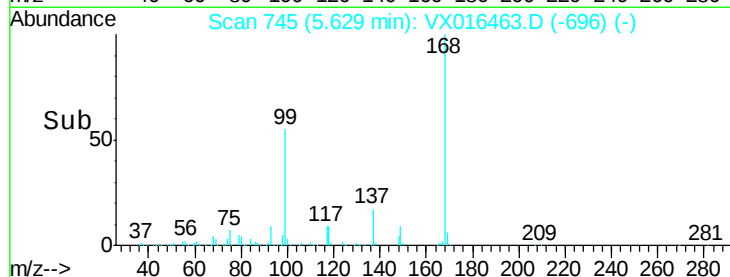
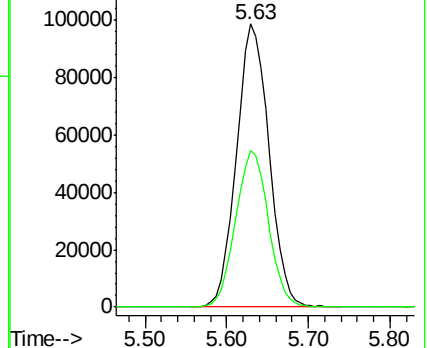
168 100

99 55.1 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: 48.787 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016463.D

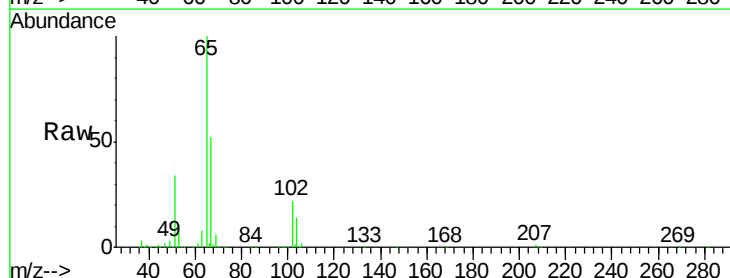
Acq: 27 May 2020 22:09

Tgt Ion: 65 Resp: 165127

Ion Ratio Lower Upper

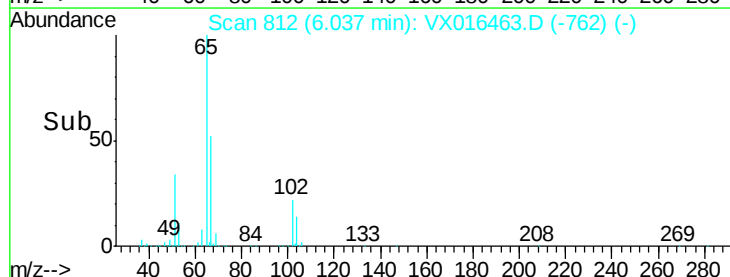
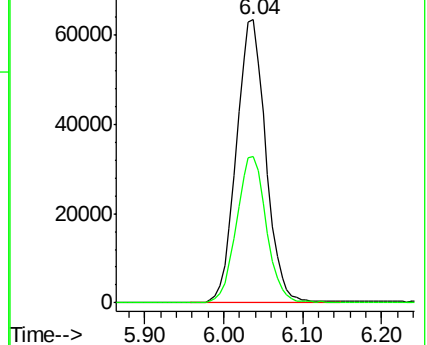
65 100

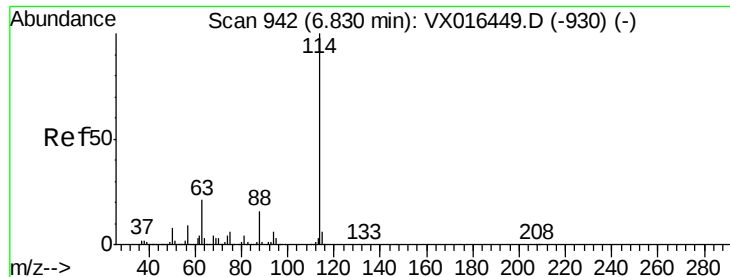
67 52.5 0.0 104.8



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: VX016463.D

Acq: 27 May 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

TRE-1006

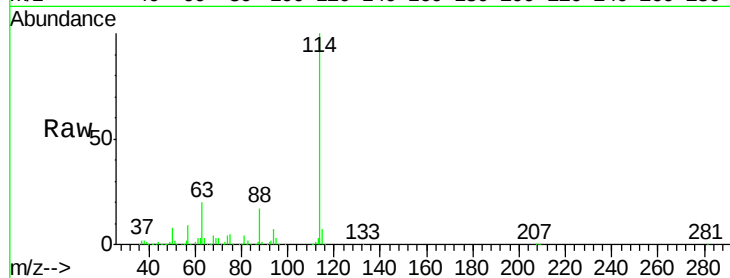
Tot Ion:114 Resp: 438068

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 16.9 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

250000

200000

150000

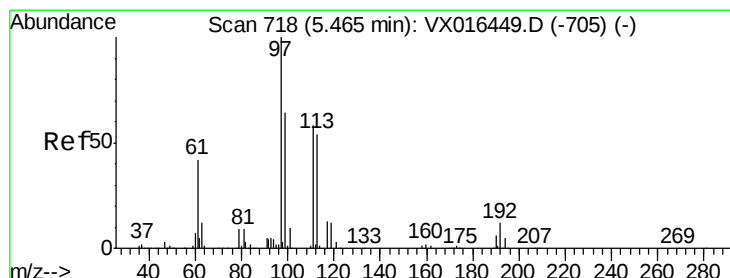
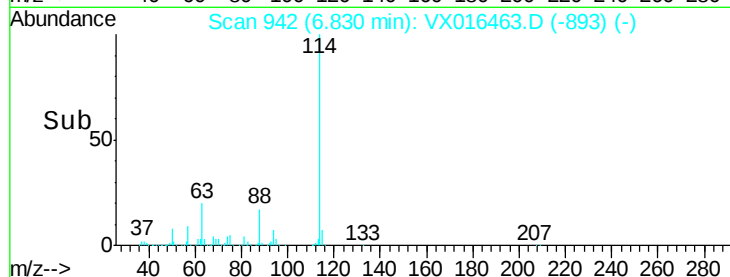
100000

50000

0

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 47.720 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016463.D

Acq: 27 May 2020 22:09

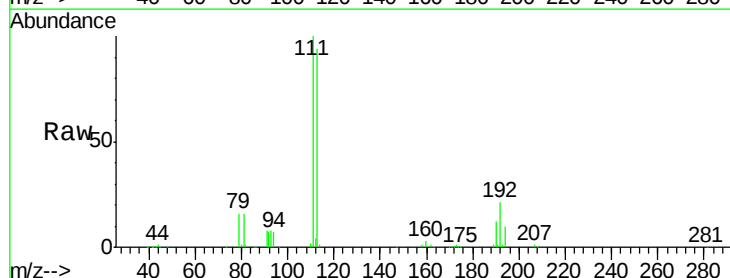
Tgt Ion:113 Resp: 128720

Ion Ratio Lower Upper

113 100

111 102.8 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

60000

50000

40000

30000

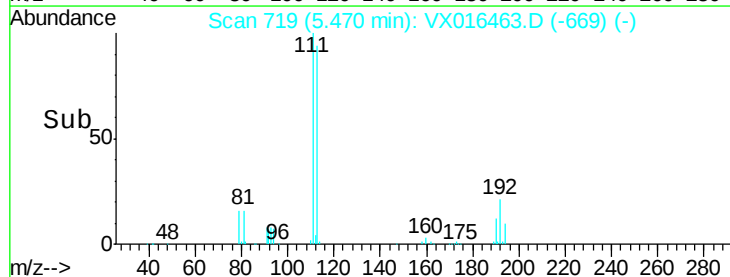
20000

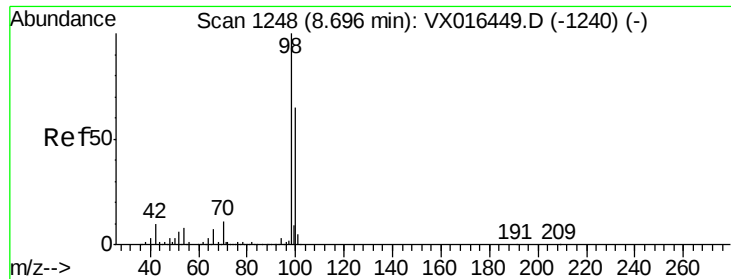
10000

0

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 51.981 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016463.D

Acq: 27 May 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

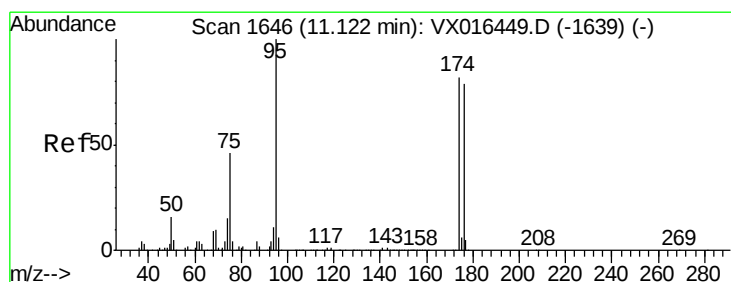
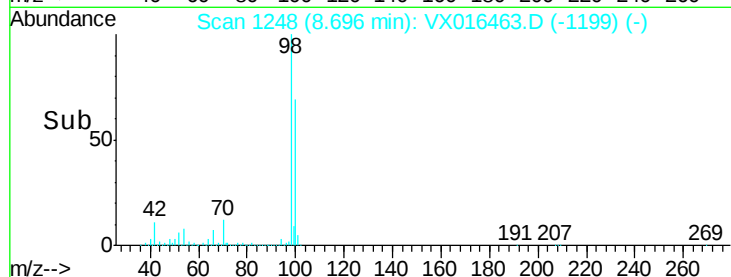
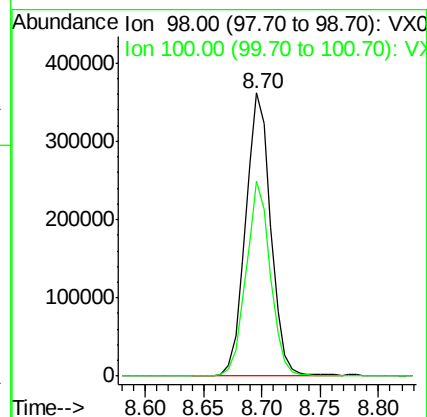
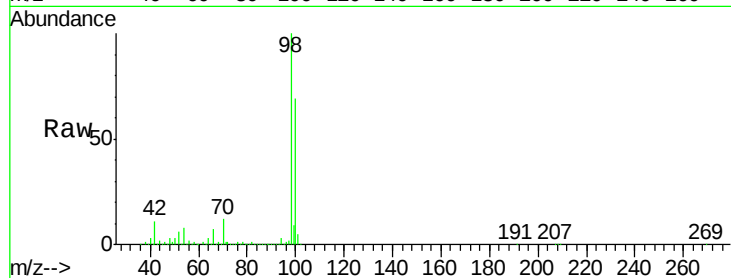
TRE-1006

Tot Ion: 98 Resp: 545737

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.905 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016463.D

Acq: 27 May 2020 22:09

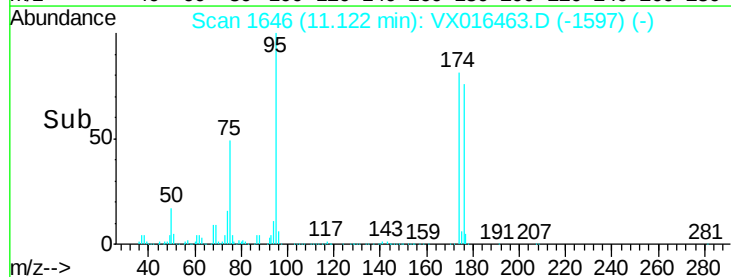
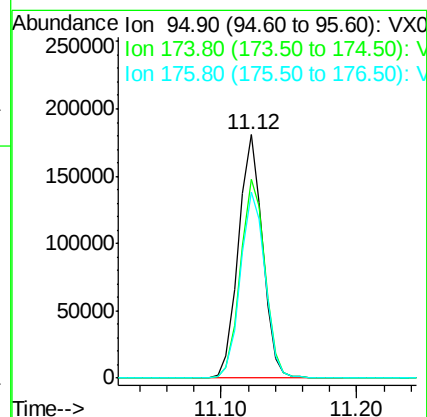
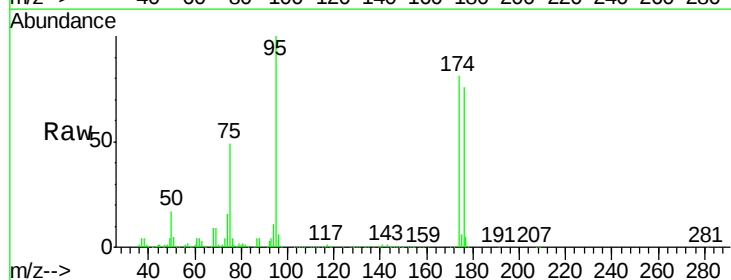
Tgt Ion: 95 Resp: 222733

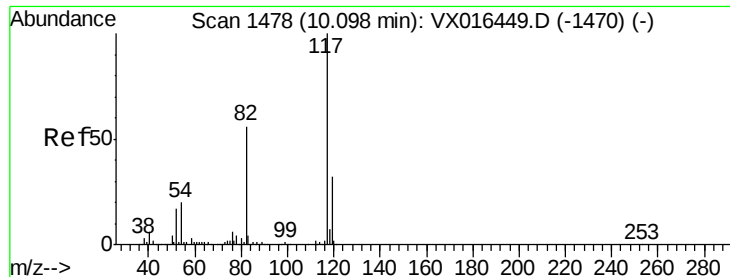
Ion Ratio Lower Upper

95 100

174 83.3 0.0 163.0

176 78.2 0.0 156.8

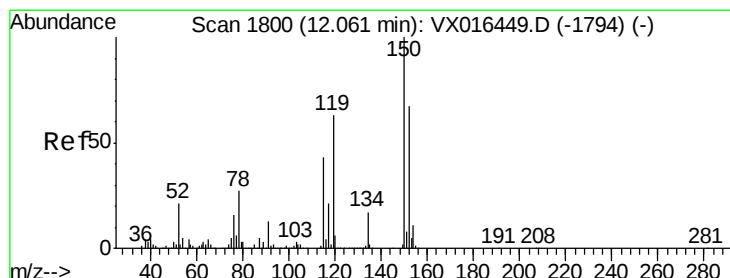
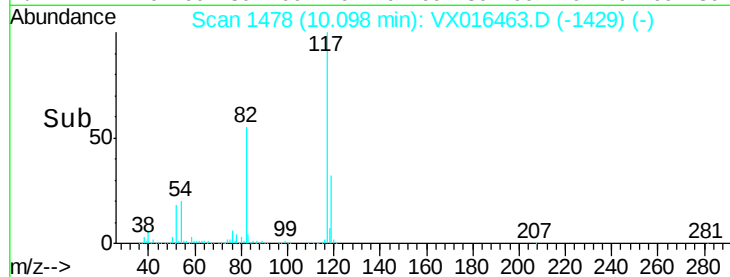
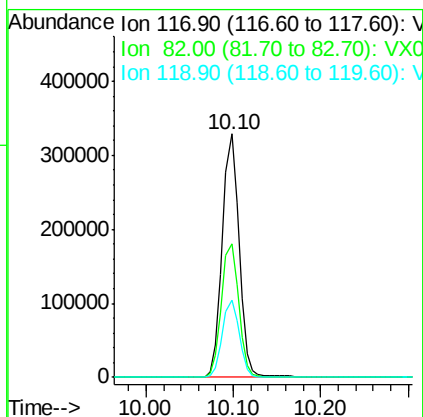
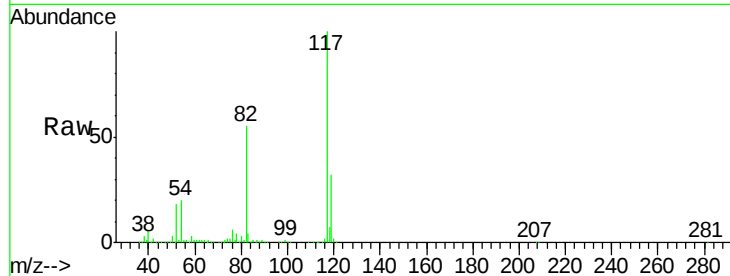




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016463.D
Acq: 27 May 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
TRE-1006

Tot Ion:117 Resp: 438559
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.6
119 31.8 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: VX016463.D
Acq: 27 May 2020 22:09

Tgt Ion:152 Resp: 225404
Ion Ratio Lower Upper
152 100
115 59.6 39.9 119.6
150 158.4 0.0 341.0

