

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016697.D
 Acq On : 11 Jun 2020 12:33
 Operator : JC/SP
 Sample : L2978-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB7-200610

Quant Time: Jun 12 07:15:07 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	5.64	168	208860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	331026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	340720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168944	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	124708	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	5.47	113	102208	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.70	98	410432	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.12	95	163576	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	

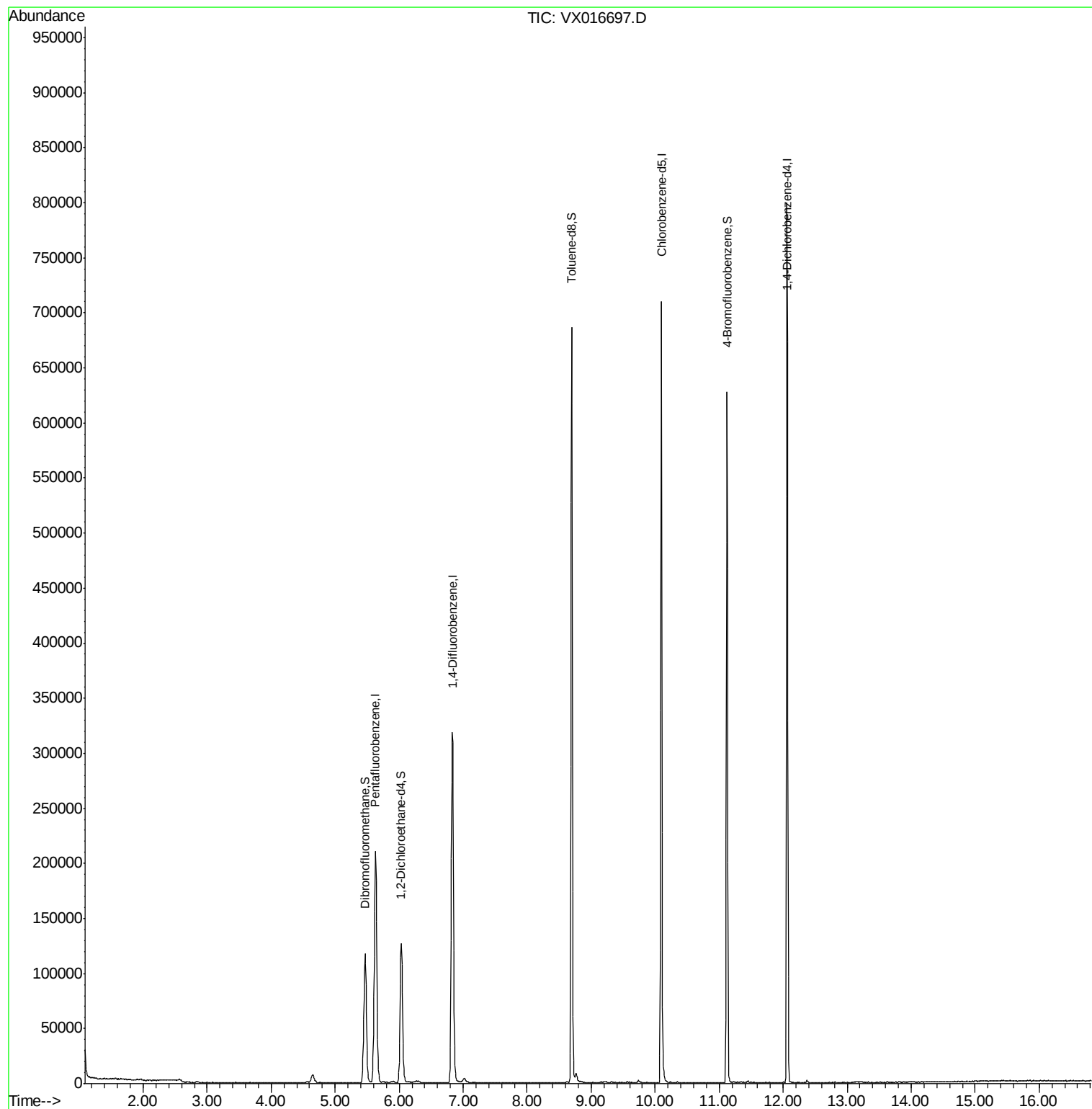
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016697.D

Acq: 11 Jun 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

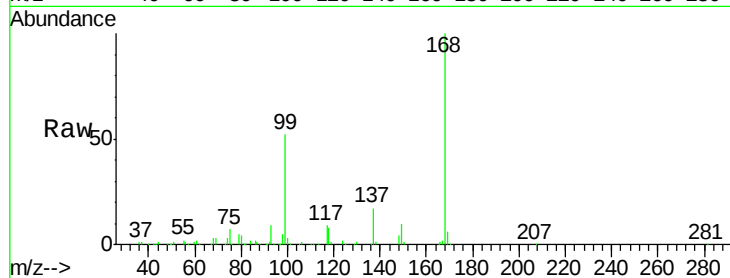
Z1-TB7-200610

Tot Ion:168 Resp: 208860

Ion Ratio Lower Upper

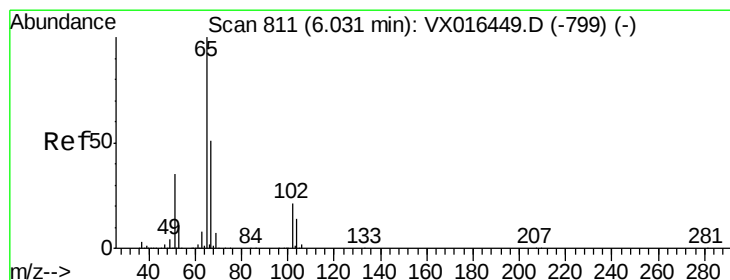
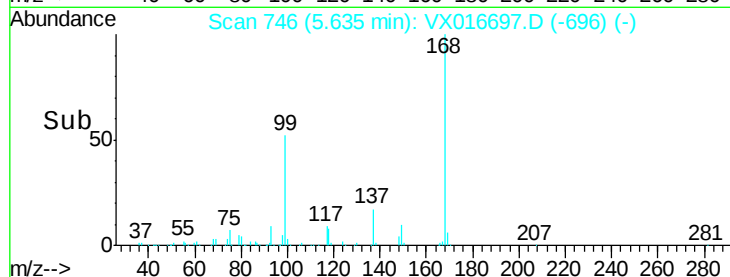
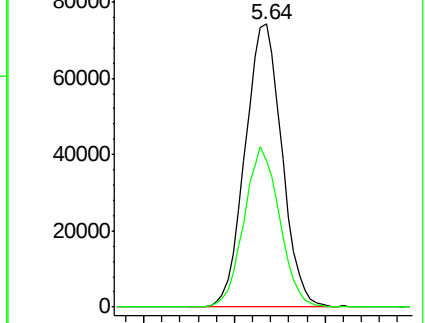
168 100

99 51.7 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: 48.080 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016697.D

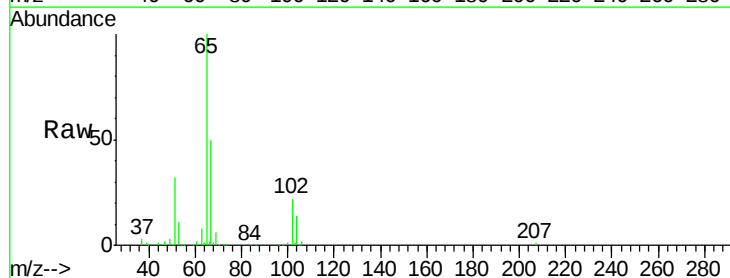
Acq: 11 Jun 2020 12:33

Tgt Ion: 65 Resp: 124708

Ion Ratio Lower Upper

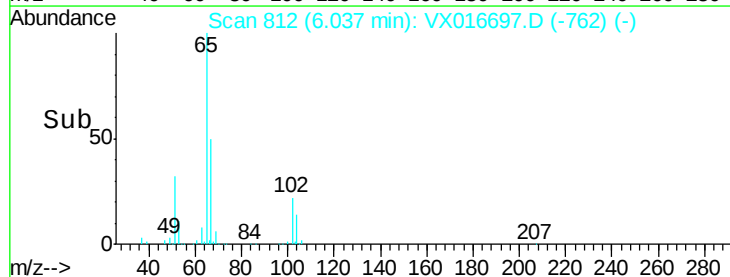
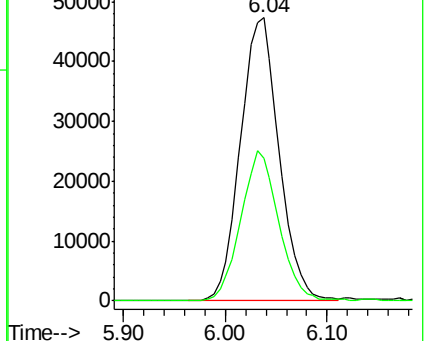
65 100

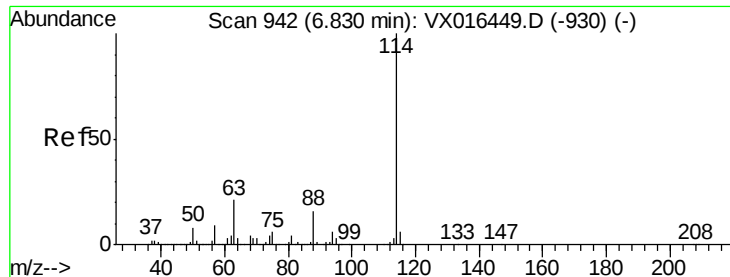
67 52.1 0.0 104.8



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: VX016697.D

Acq: 11 Jun 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB7-200610

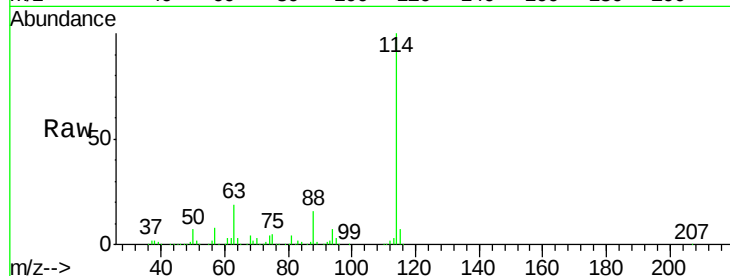
Tot Ion:114 Resp: 331026

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

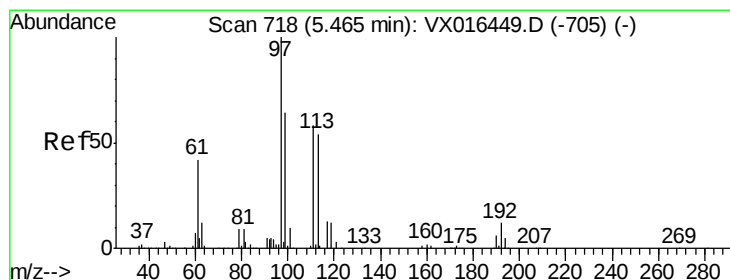
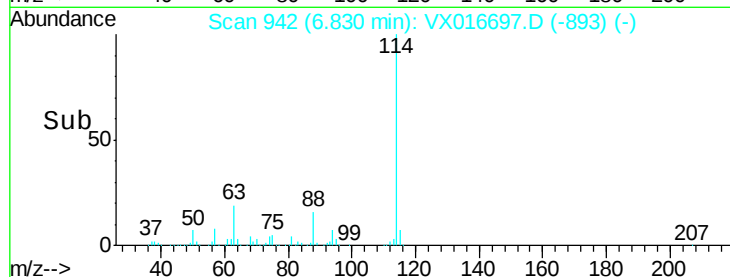
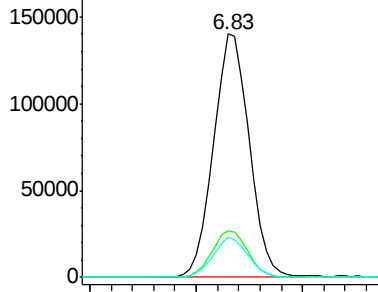
88 16.4 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 50.144 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016697.D

Acq: 11 Jun 2020 12:33

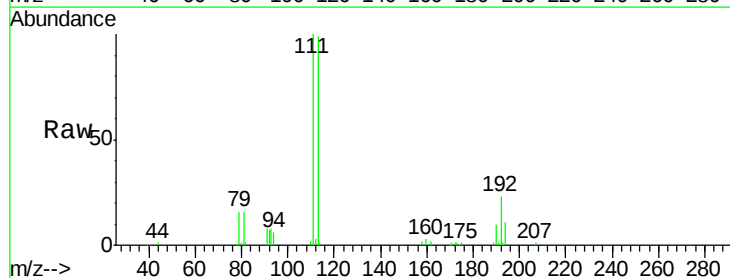
Tgt Ion:113 Resp: 102208

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

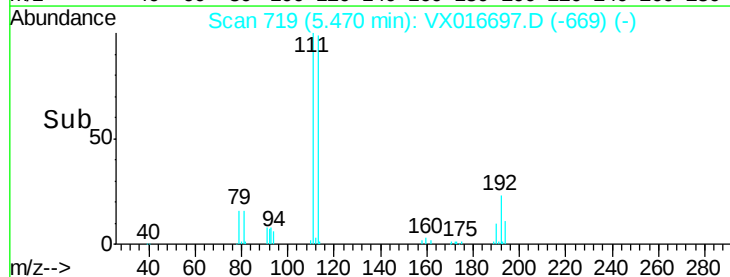
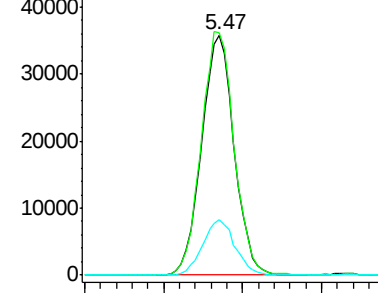
192 22.9 17.7 26.5

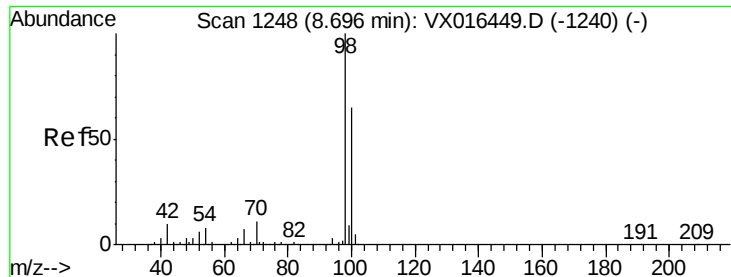


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.735 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016697.D

Acq: 11 Jun 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

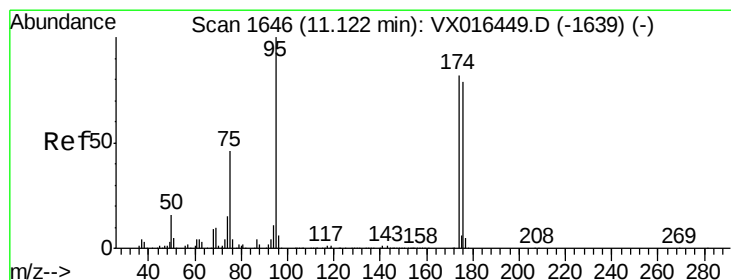
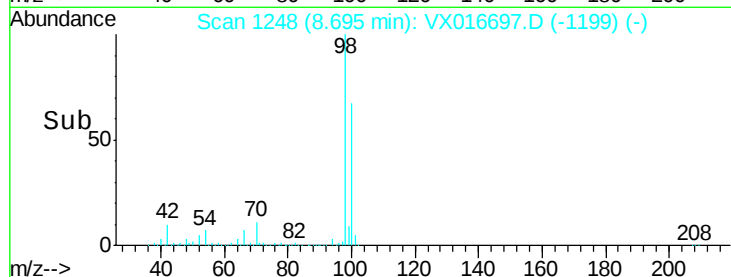
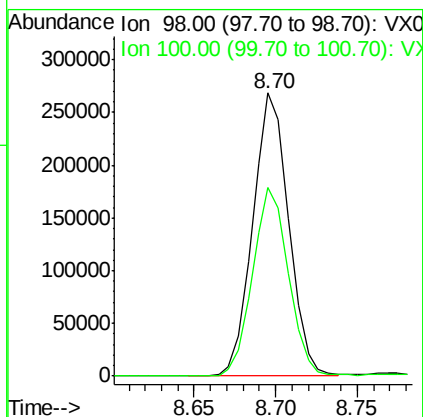
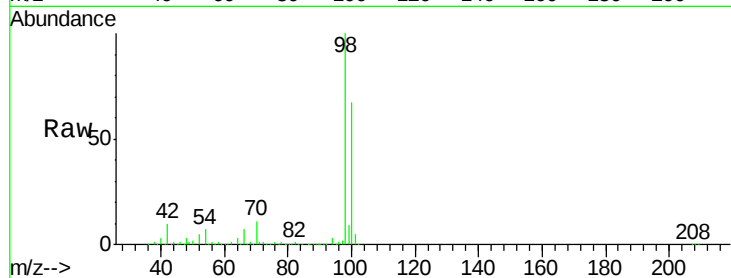
Z1-TB7-200610

Tot Ion: 98 Resp: 410432

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 53.361 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016697.D

Acq: 11 Jun 2020 12:33

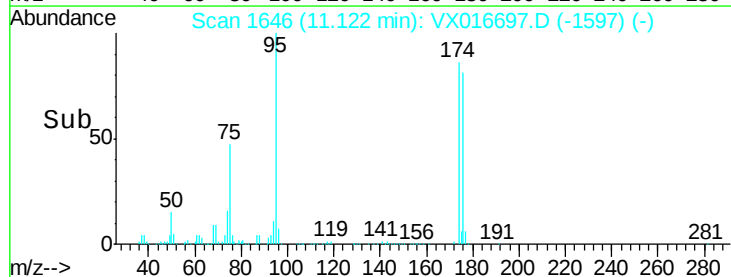
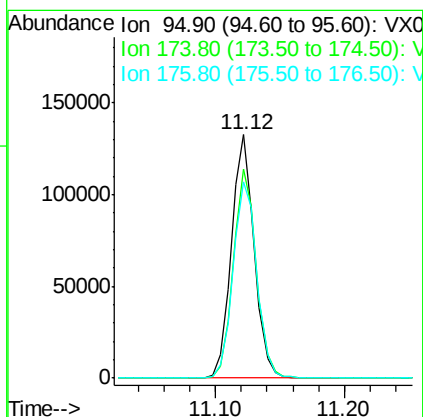
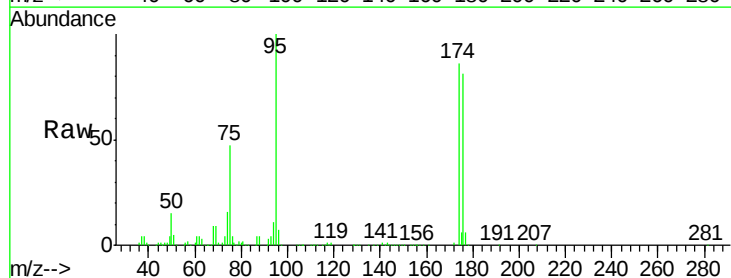
Tgt Ion: 95 Resp: 163576

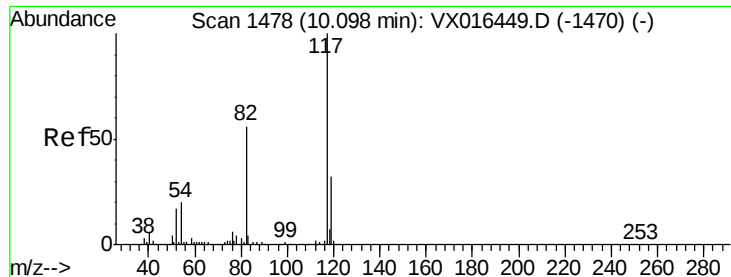
Ion Ratio Lower Upper

95 100

174 86.7 0.0 163.0

176 84.1 0.0 156.8

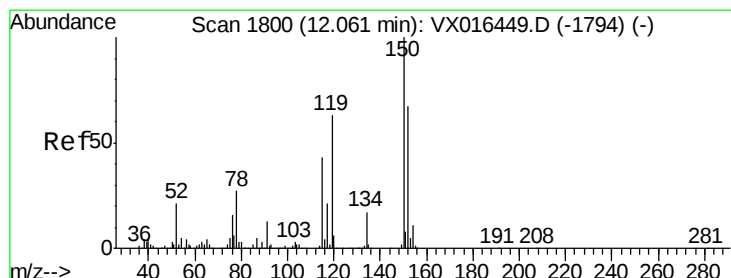
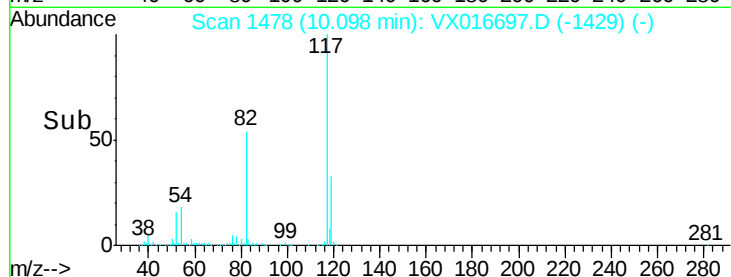
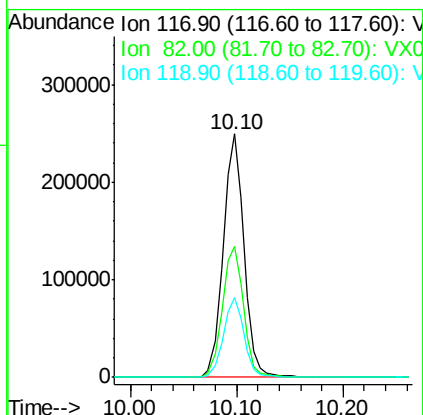
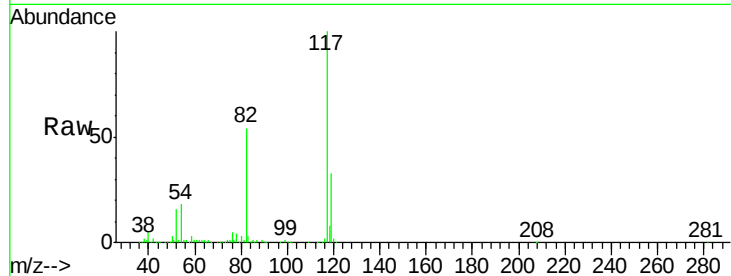




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016697.D
Acq: 11 Jun 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB7-200610

Tot Ion:117 Resp: 340720
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.6
119 32.7 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: VX016697.D
Acq: 11 Jun 2020 12:33

Tgt Ion:152 Resp: 168944
Ion Ratio Lower Upper
152 100
115 57.7 39.9 119.6
150 156.0 0.0 341.0

