

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016546.D
 Acq On : 02 Jun 2020 10:54
 Operator : JC/SP
 Sample : VX0602WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBL01

Quant Time: Jun 03 04:23:17 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	353473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	561297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	546395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	260151	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	198367	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
35) Dibromofluoromethane	5.46	113	162813	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.70	98	695653	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.12	95	267995	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

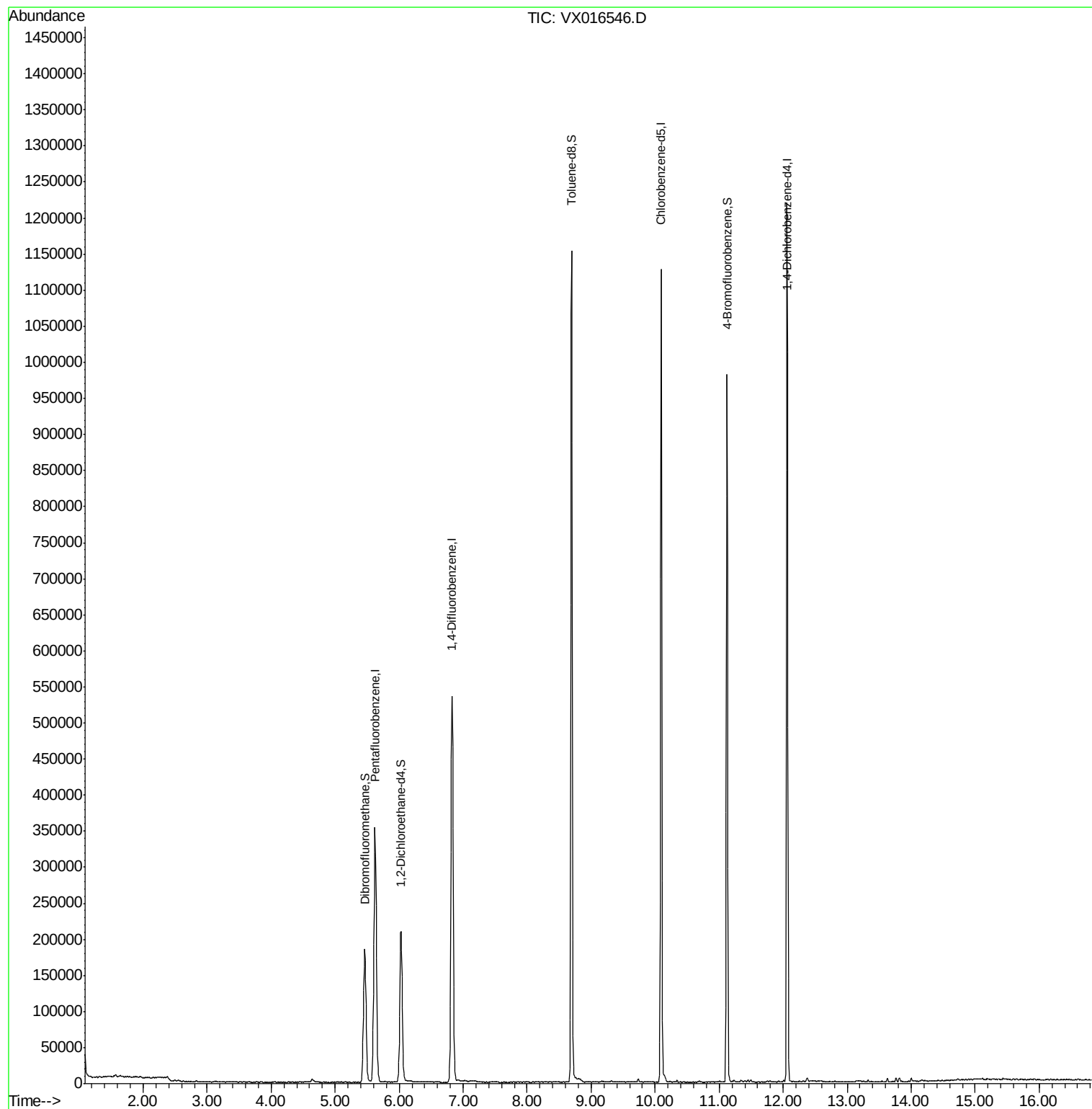
Target Compounds	Qvalue

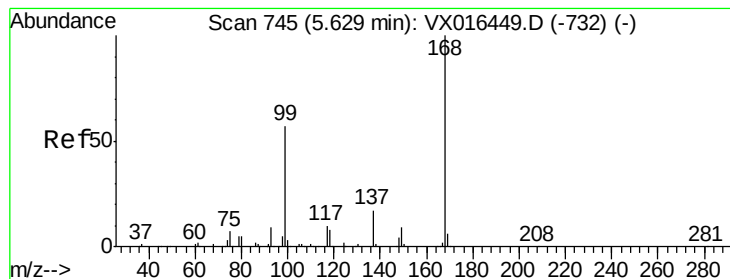
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016546.D

Acq: 02 Jun 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

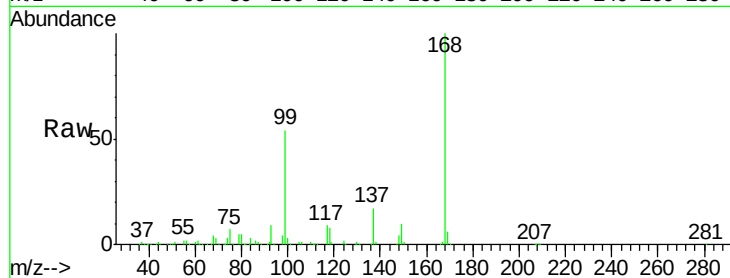
VX0602WBL01

Tot Ion:168 Resp: 353473

Ion Ratio Lower Upper

168 100

99 54.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

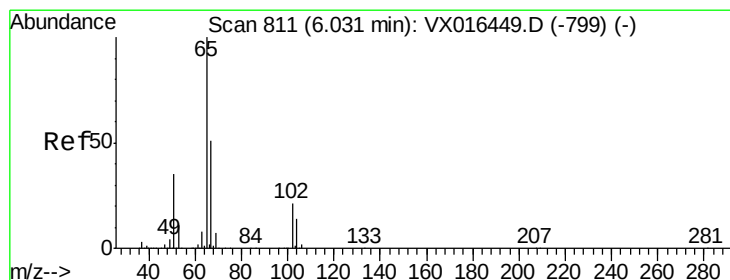
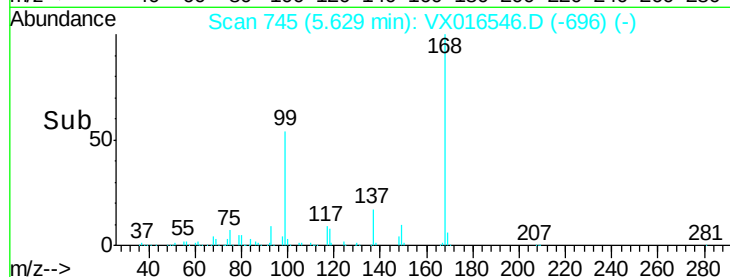
100000

50000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 45.189 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016546.D

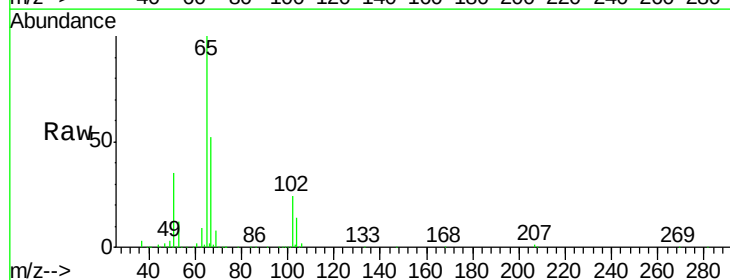
Acq: 02 Jun 2020 10:54

Tgt Ion: 65 Resp: 198367

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

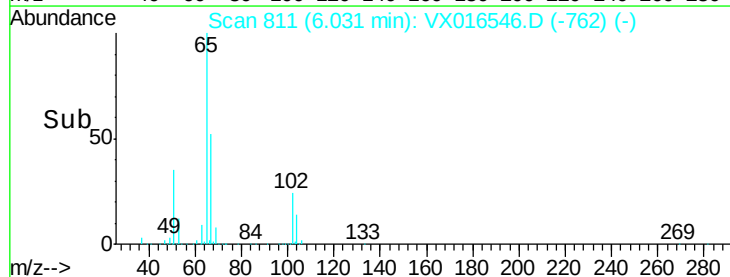
40000

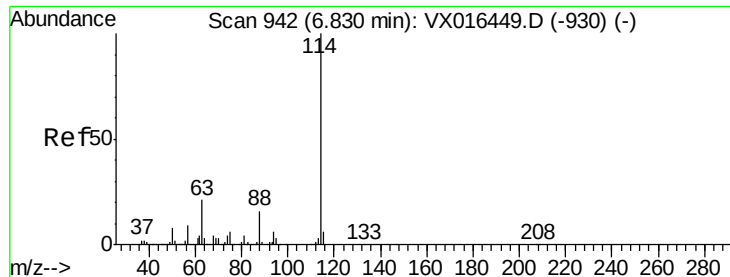
20000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016546.D

Acq: 02 Jun 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBL01

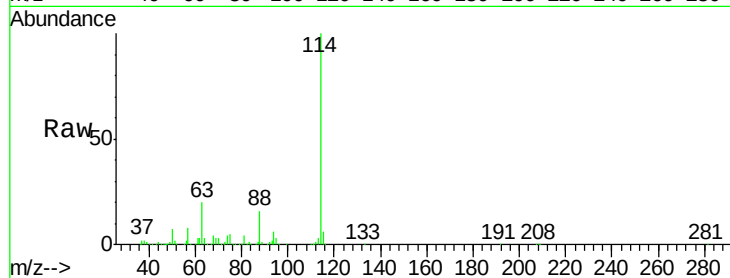
Tot Ion:114 Resp: 561297

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

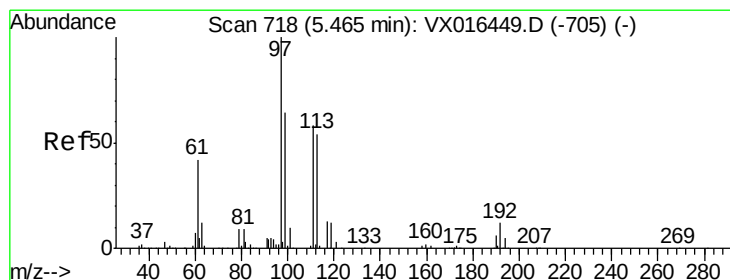
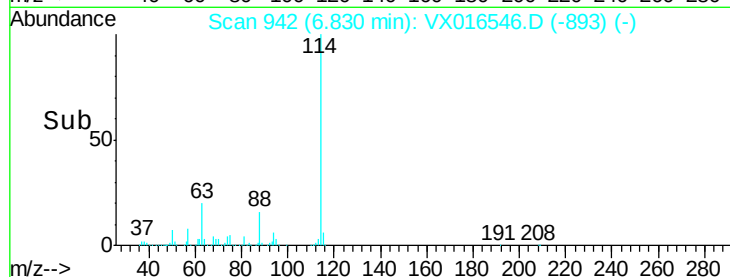
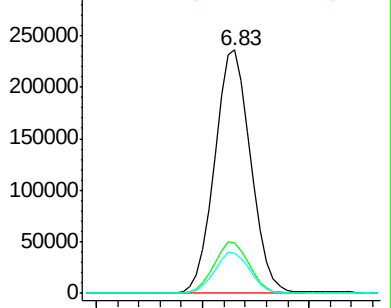
88 16.4 0.0 32.8



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: 47.108 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016546.D

Acq: 02 Jun 2020 10:54

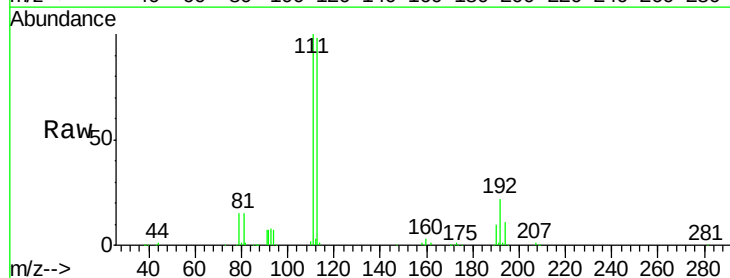
Tgt Ion:113 Resp: 162813

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

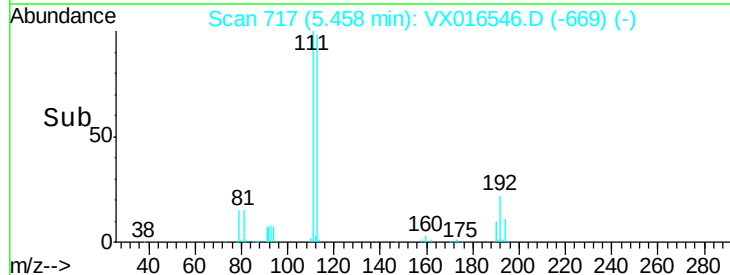
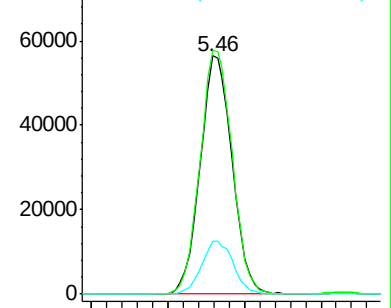
192 22.3 17.7 26.5

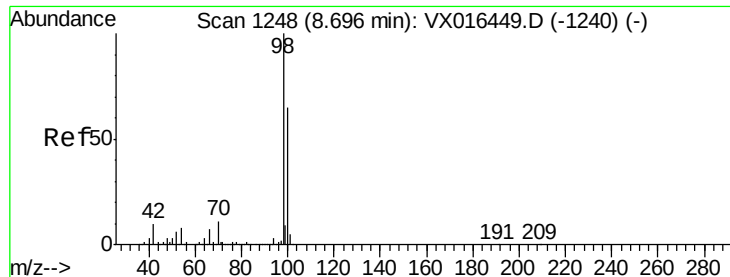


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.713 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016546.D

Acq: 02 Jun 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

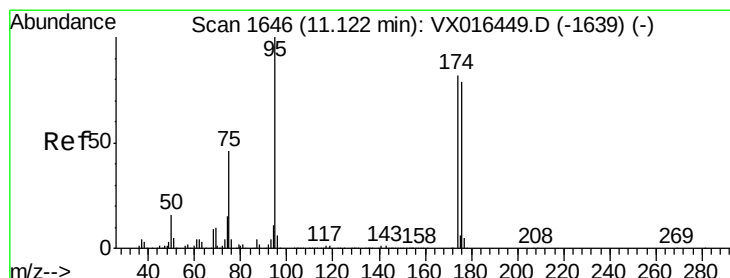
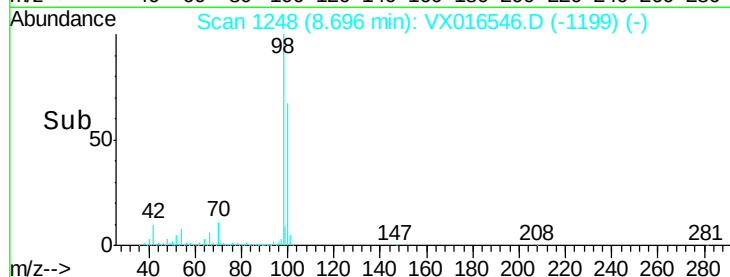
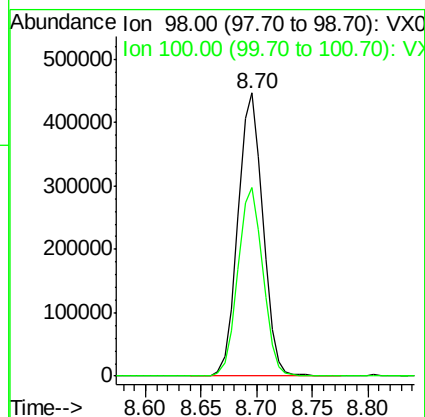
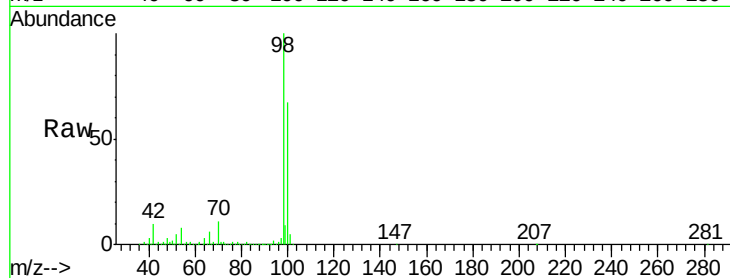
VX0602WBL01

Tot Ion: 98 Resp: 695653

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 51.559 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016546.D

Acq: 02 Jun 2020 10:54

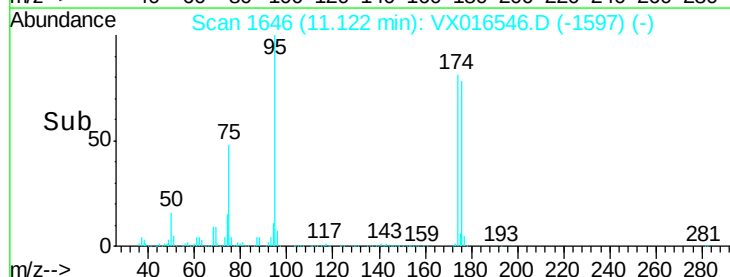
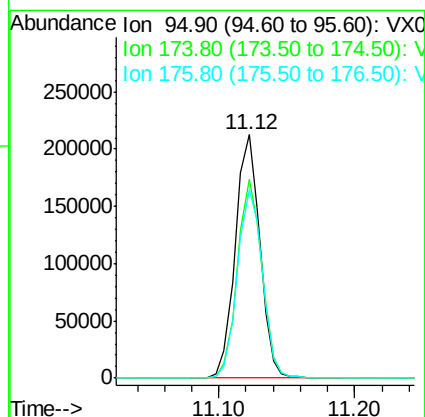
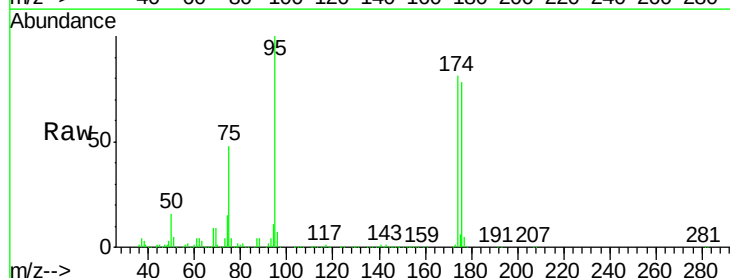
Tgt Ion: 95 Resp: 267995

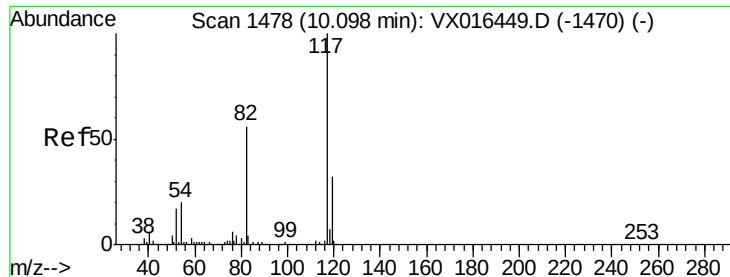
Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

176 78.7 0.0 156.8

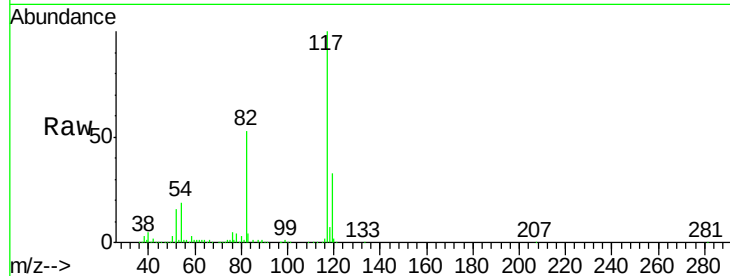




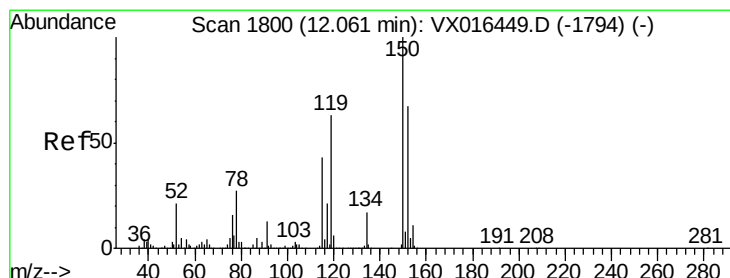
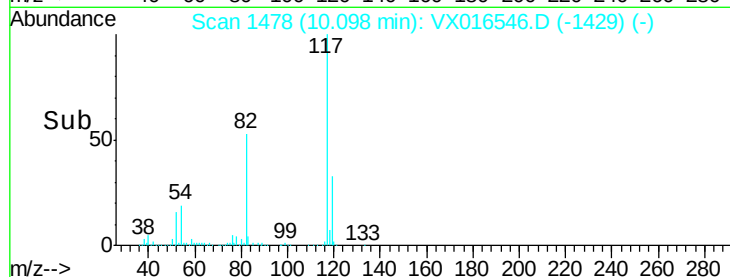
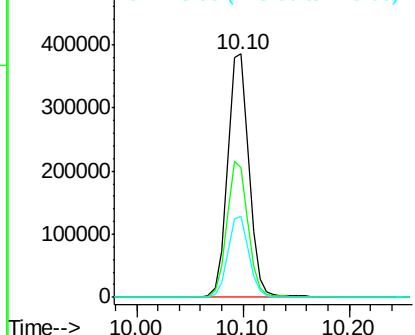
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016546.D
Acq: 02 Jun 2020 10:54

Instrument :
MSVOA_X
ClientSampled :
VX0602WBL01

Tot Ion:117 Resp: 546395
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.6
119 33.1 25.8 38.8

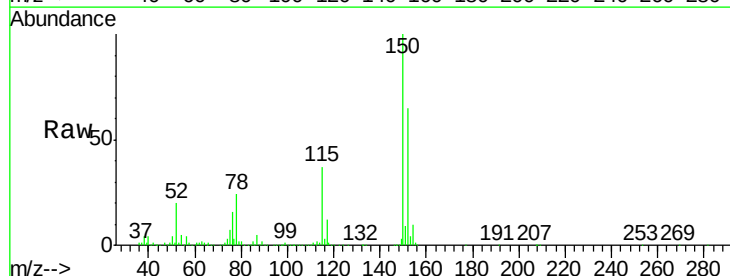


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016546.D
Acq: 02 Jun 2020 10:54

Tgt Ion:152 Resp: 260151
Ion Ratio Lower Upper
152 100
115 57.3 39.9 119.6
150 154.3 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

