

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016669.D
 Acq On : 10 Jun 2020 13:08
 Operator : JC/SP
 Sample : L2963-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB5-200608

Quant Time: Jun 11 03:29:02 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	222572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	131138	47.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.88%	
35) Dibromofluoromethane	5.46	113	104090	48.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.34%	
50) Toluene-d8	8.70	98	432568	51.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.12	95	174660	53.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.50%	

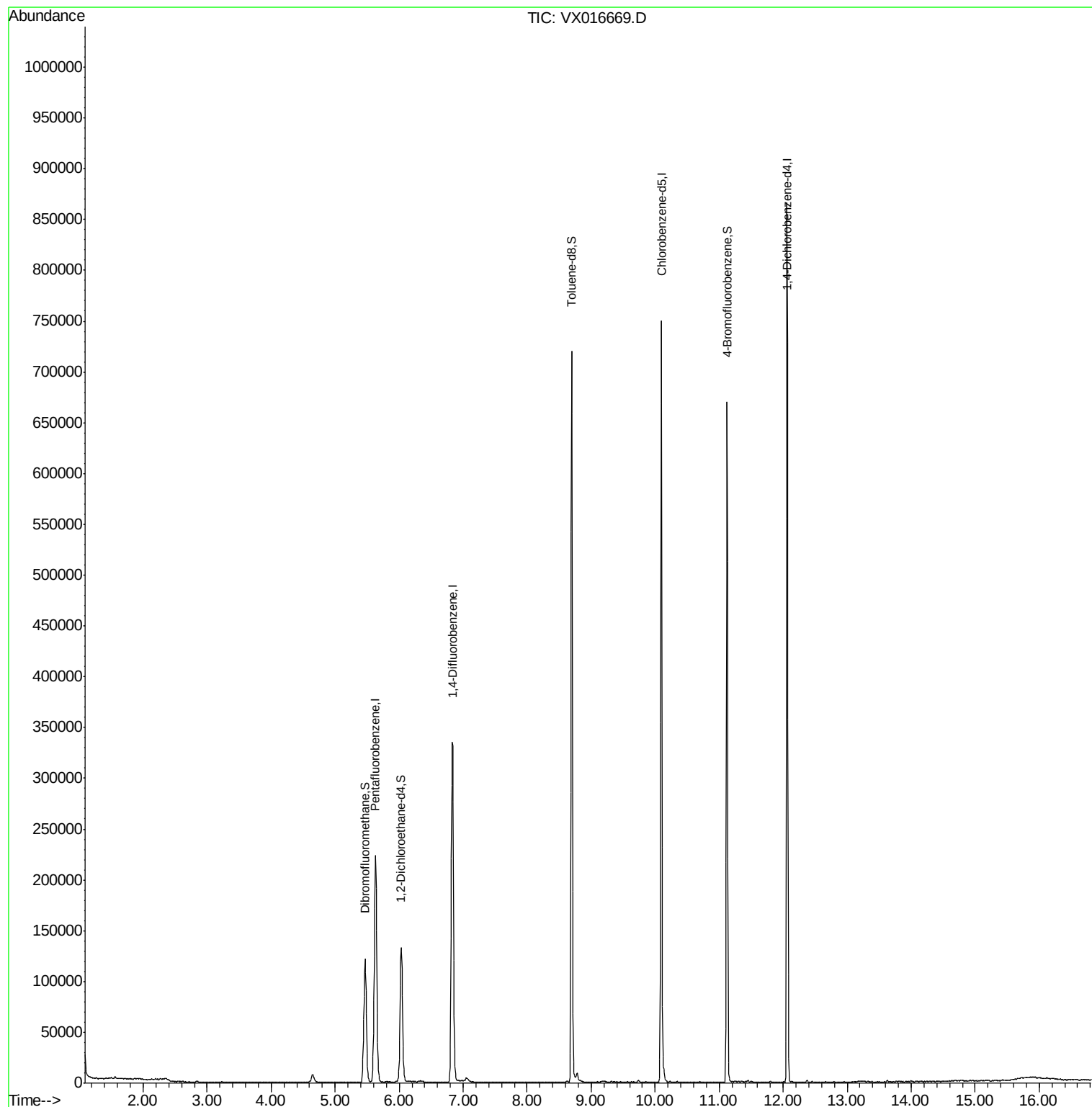
Target Compounds	Qvalue
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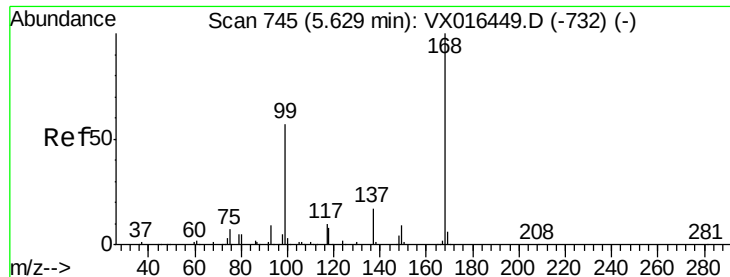
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

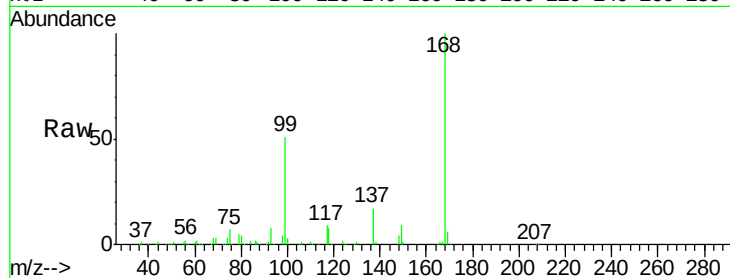
Z1-TB5-200608

Tot Ion:168 Resp: 222572

Ion Ratio Lower Upper

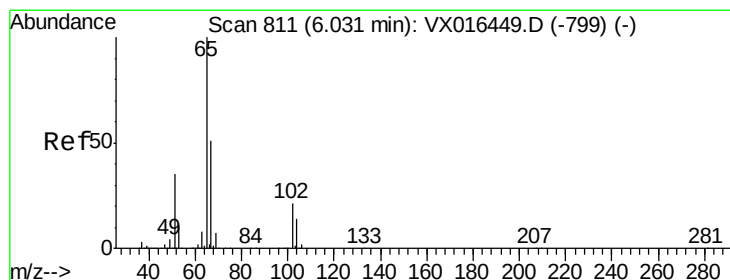
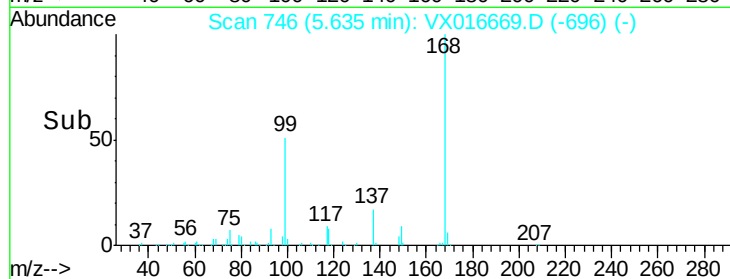
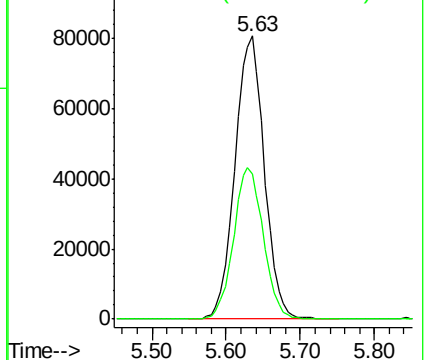
168 100

99 51.2 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: 47.444 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016669.D

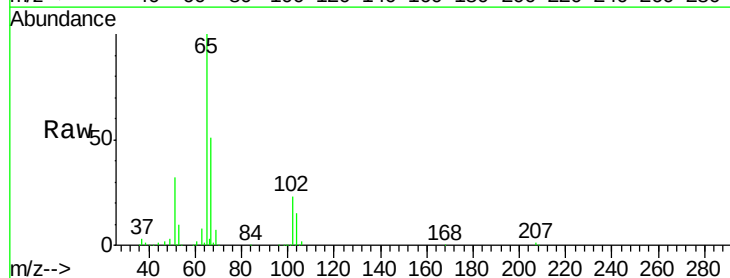
Acq: 10 Jun 2020 13:08

Tgt Ion: 65 Resp: 131138

Ion Ratio Lower Upper

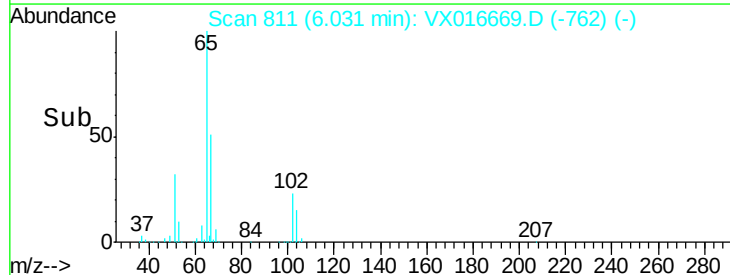
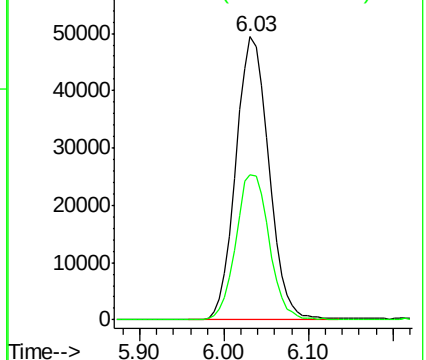
65 100

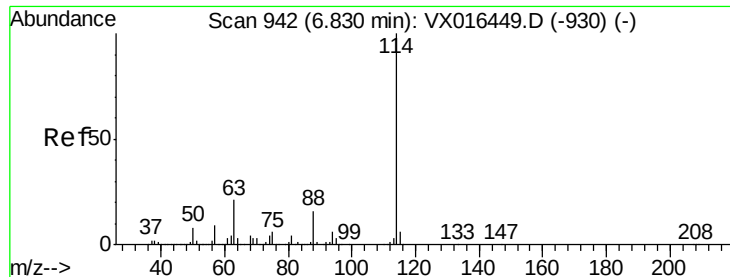
67 51.7 0.0 104.8



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: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB5-200608

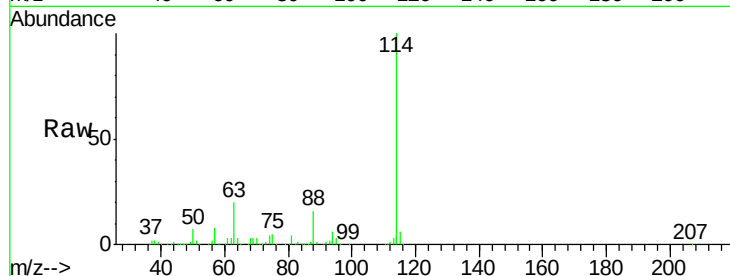
Tot Ion:114 Resp: 350920

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

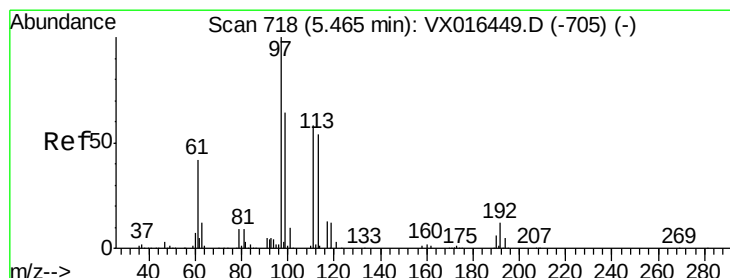
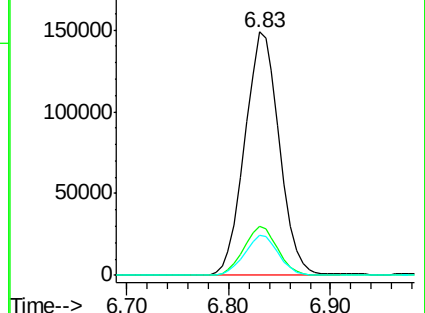
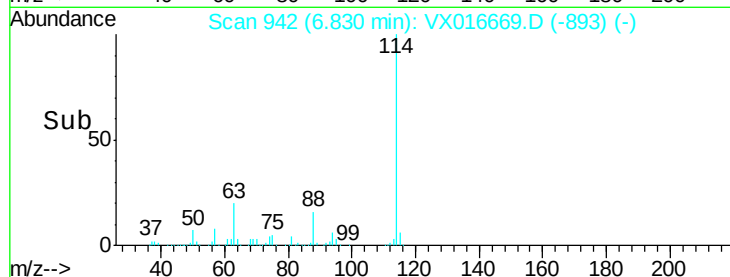
88 16.5 0.0 32.8



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: 48.173 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

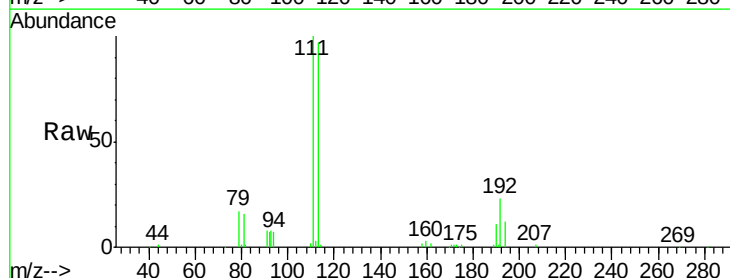
Tgt Ion:113 Resp: 104090

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

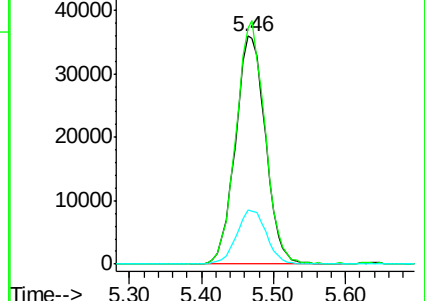
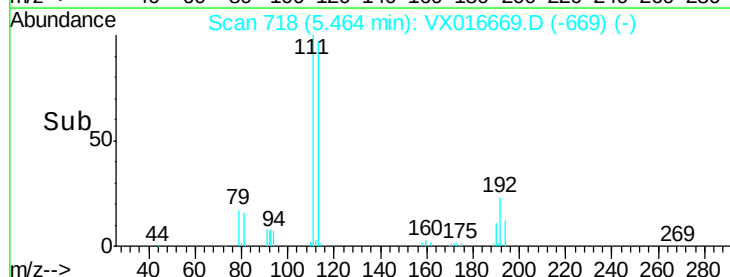
192 23.5 17.7 26.5

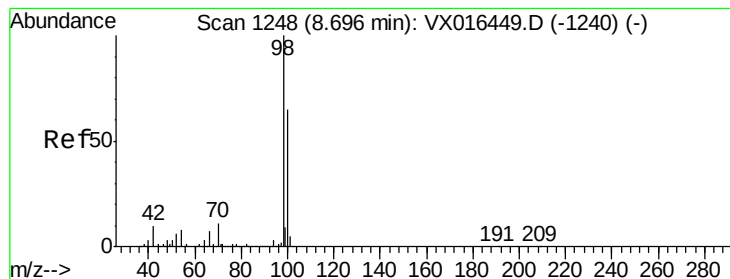


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.434 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

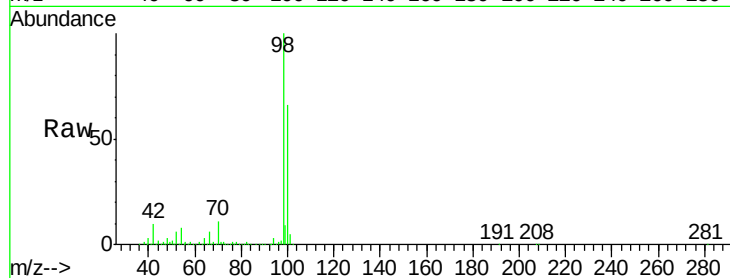
Z1-TB5-200608

Tot Ion: 98 Resp: 432568

Ion Ratio Lower Upper

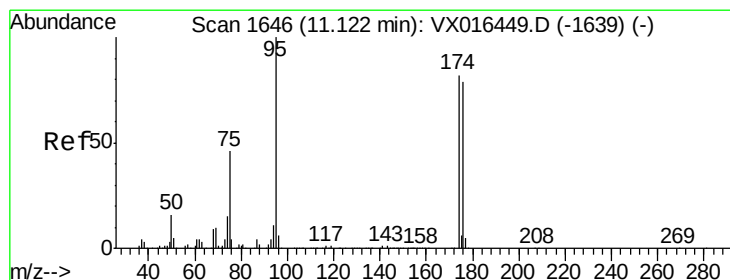
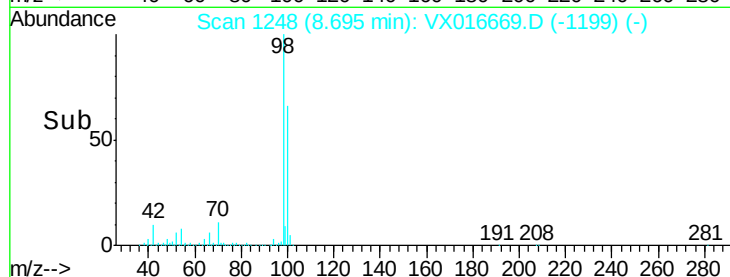
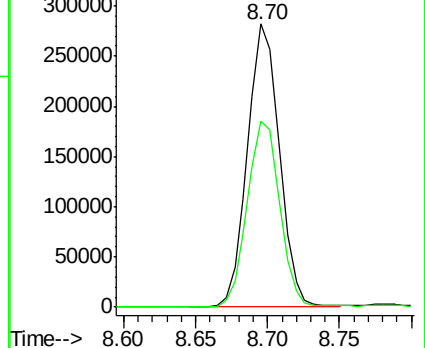
98 100

100 66.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 53.747 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

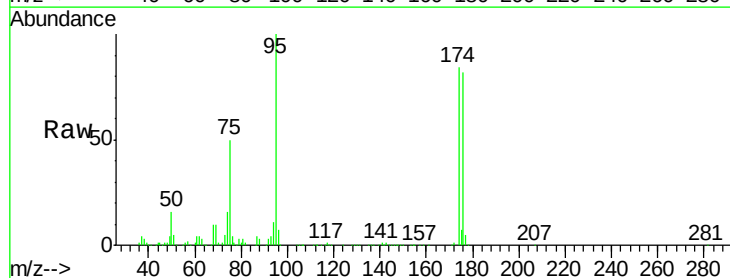
Tgt Ion: 95 Resp: 174660

Ion Ratio Lower Upper

95 100

174 85.7 0.0 163.0

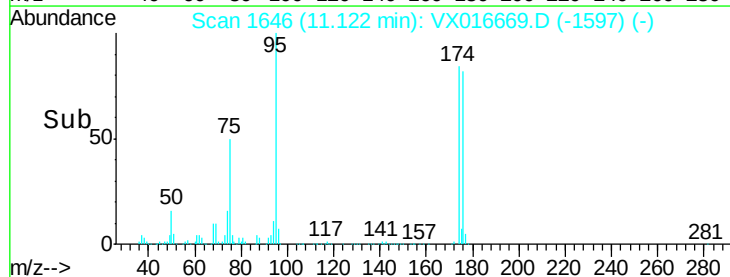
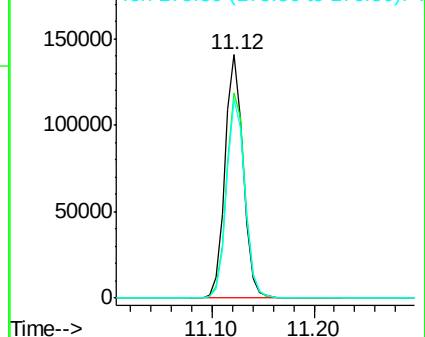
176 82.0 0.0 156.8

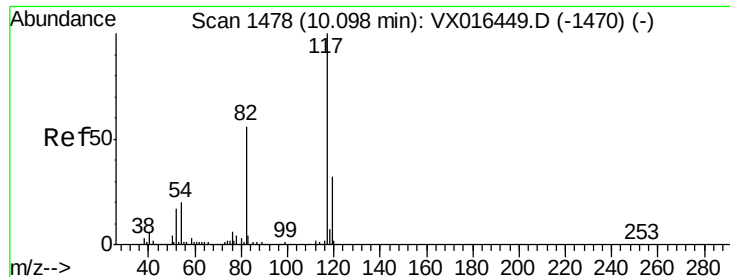


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

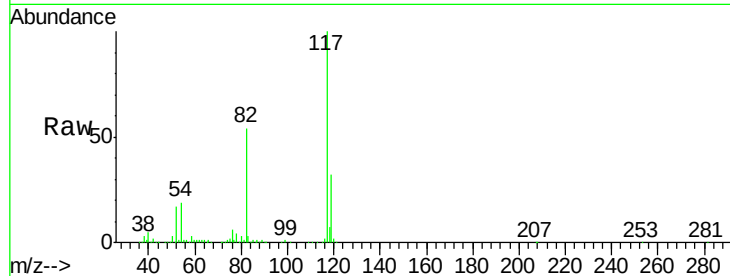




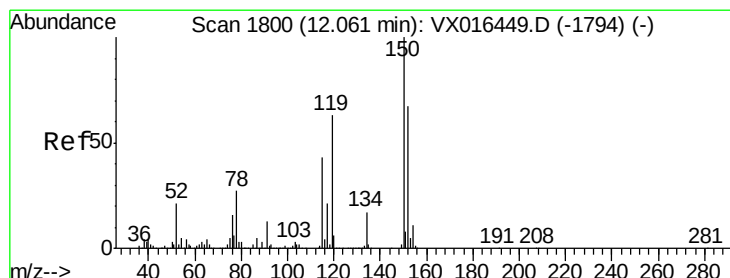
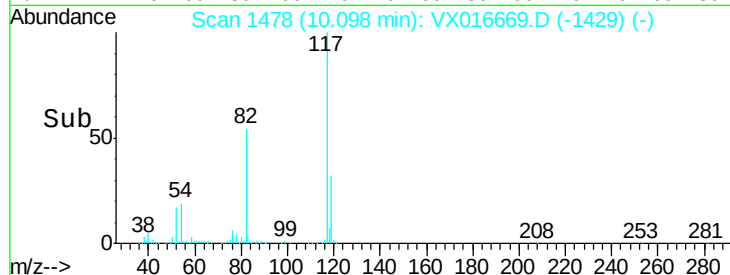
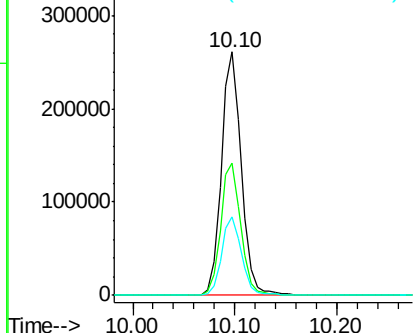
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016669.D
Acq: 10 Jun 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB5-200608

Tot Ion:117 Resp: 355744
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 32.5 25.8 38.8

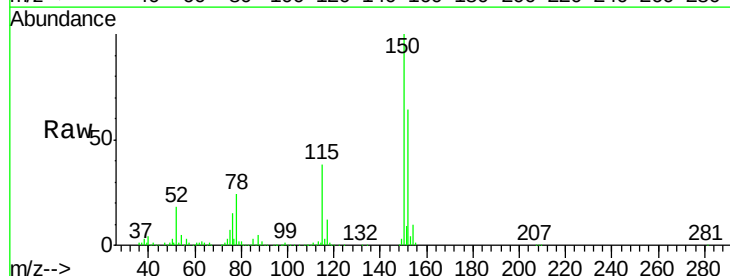


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016669.D
Acq: 10 Jun 2020 13:08

Tgt Ion:152 Resp: 181966
Ion Ratio Lower Upper
152 100
115 57.5 39.9 119.6
150 155.8 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

