

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016369.D
 Acq On : 20 May 2020 18:38
 Operator : JC/SP
 Sample : L2684-04 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-2

Quant Time: May 21 06:10:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	406486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194107	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	143491	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.47	113	118843	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
50) Toluene-d8	8.70	98	493808	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.12	95	198313	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

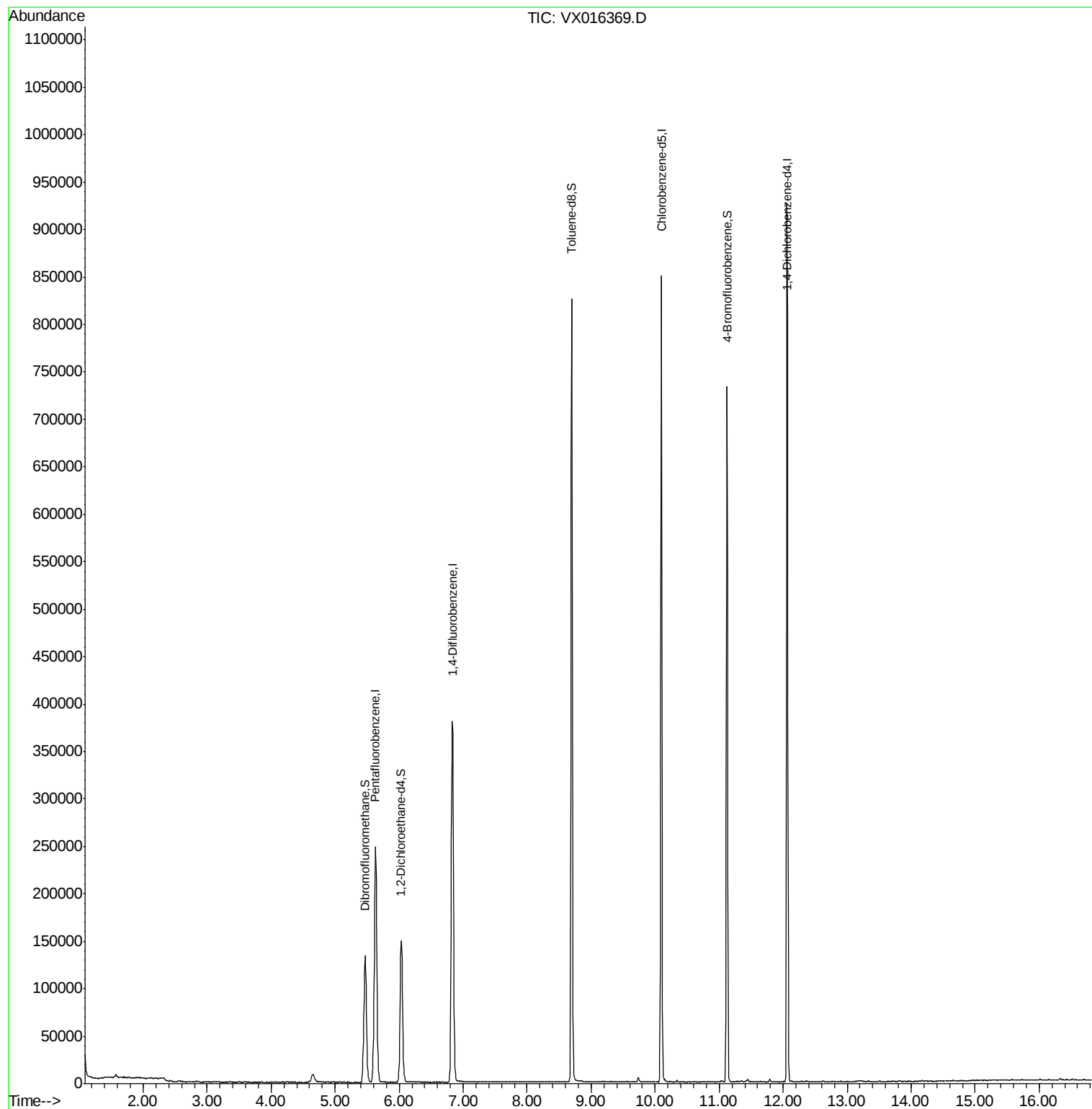
Target Compounds	Qvalue

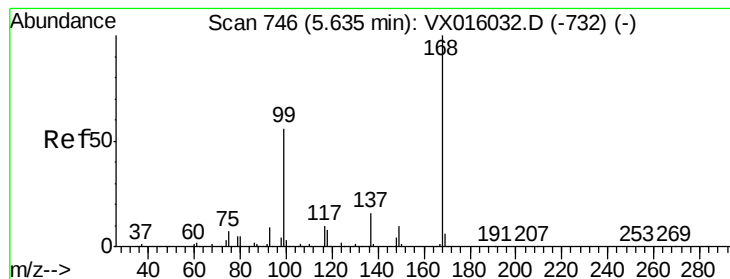
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016369.D

Acq: 20 May 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

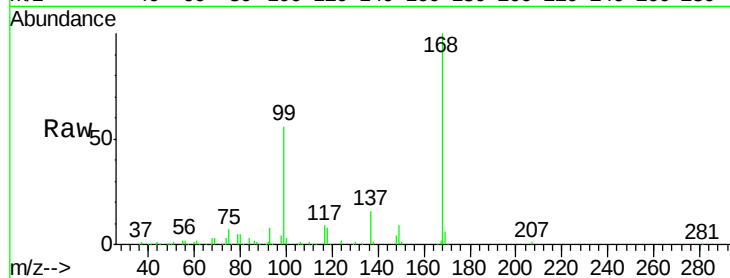
RW-2

Tot Ion:168 Resp: 247209

Ion Ratio Lower Upper

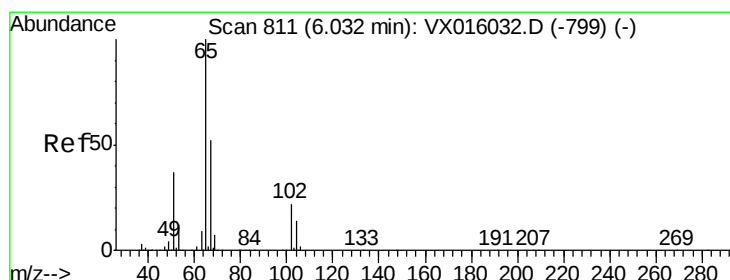
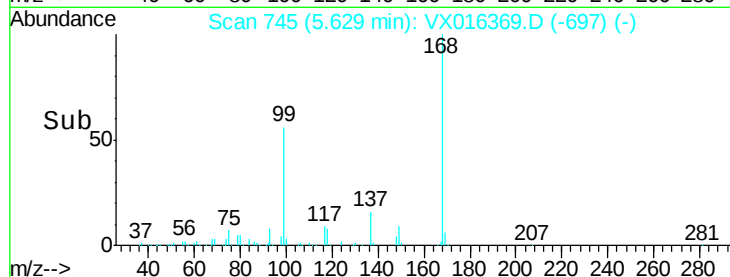
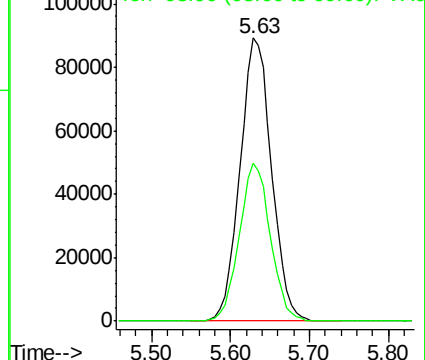
168 100

99 55.7 45.0 67.4



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: 44.110 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016369.D

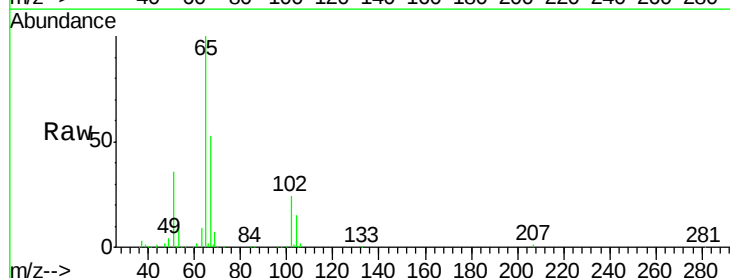
Acq: 20 May 2020 18:38

Tgt Ion: 65 Resp: 143491

Ion Ratio Lower Upper

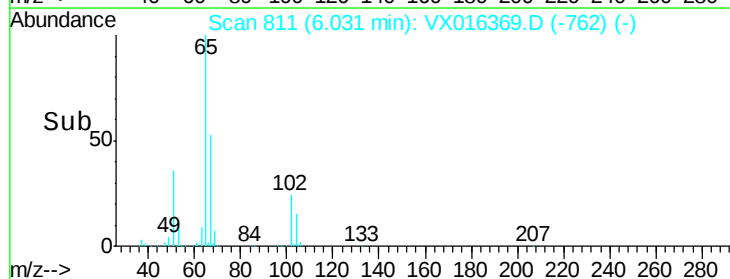
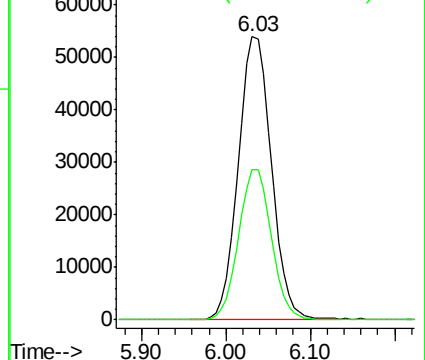
65 100

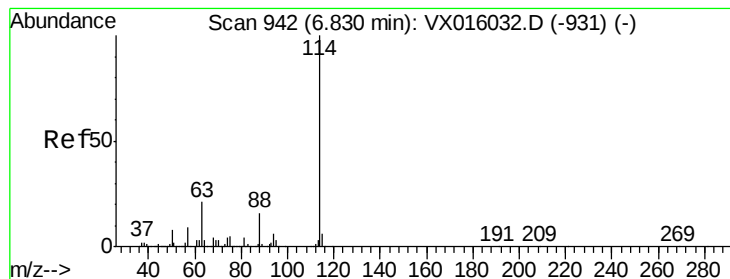
67 52.8 0.0 104.8



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: VX016369.D

Acq: 20 May 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

RW-2

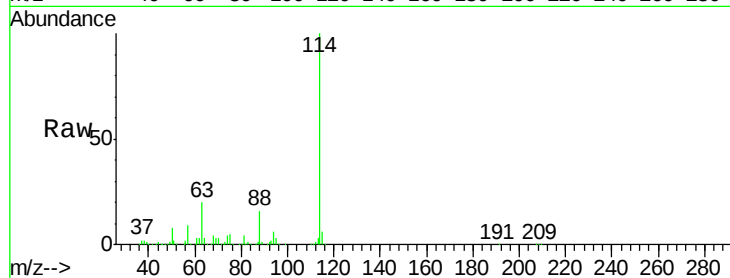
Tot Ion:114 Resp: 406486

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

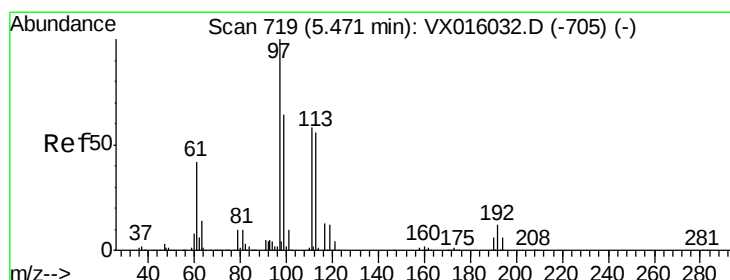
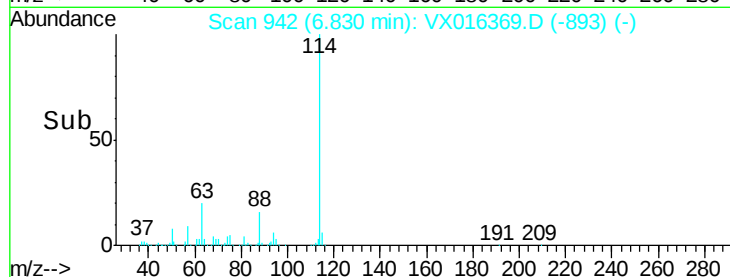
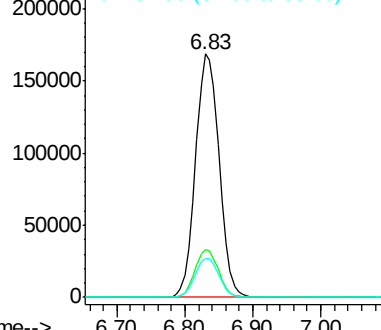
88 15.9 0.0 31.4



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: 46.148 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016369.D

Acq: 20 May 2020 18:38

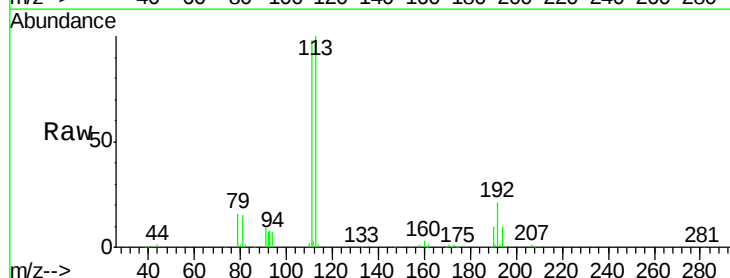
Tgt Ion:113 Resp: 118843

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

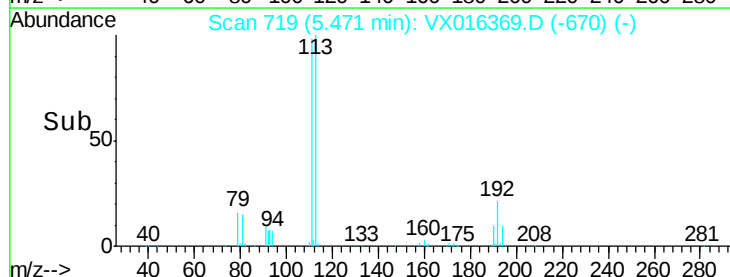
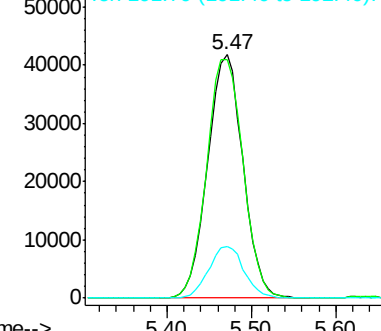
192 21.1 17.0 25.4

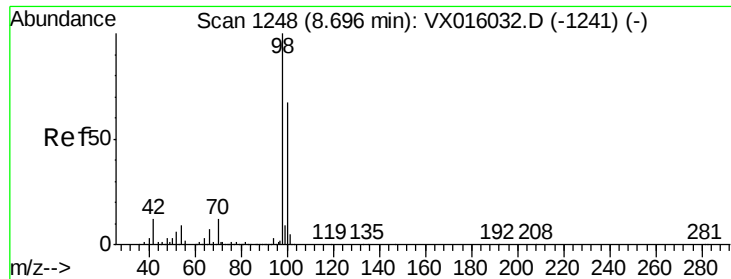


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.766 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016369.D

Acq: 20 May 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

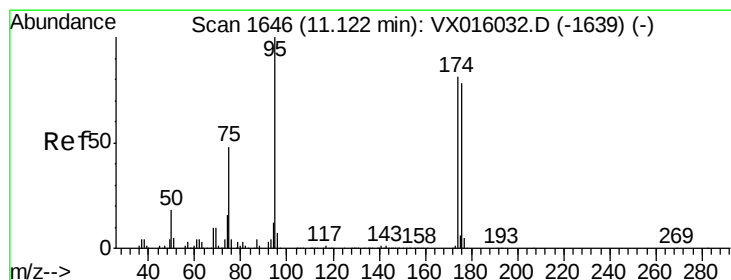
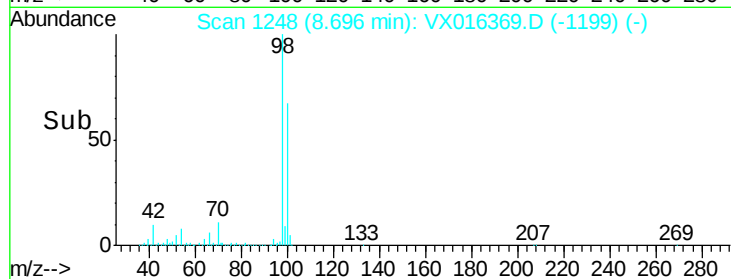
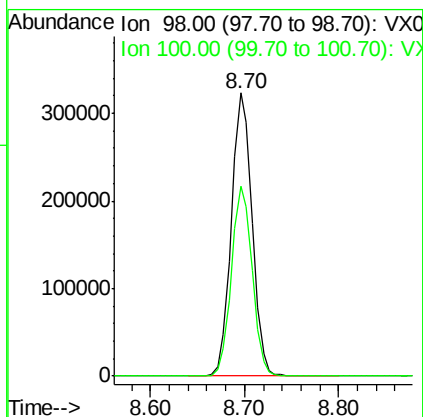
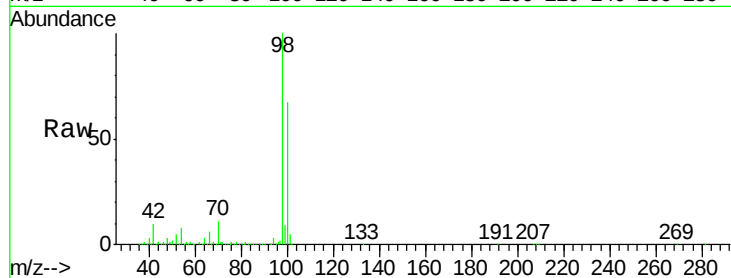
RW-2

Tot Ion: 98 Resp: 493808

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 52.546 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016369.D

Acq: 20 May 2020 18:38

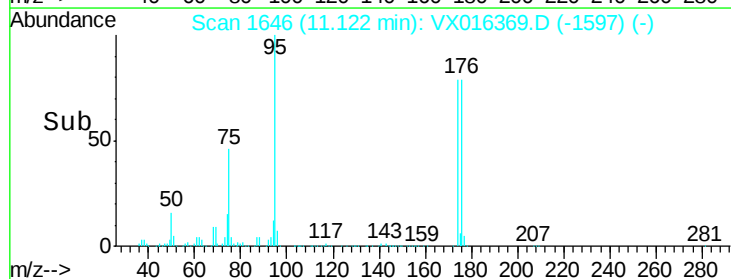
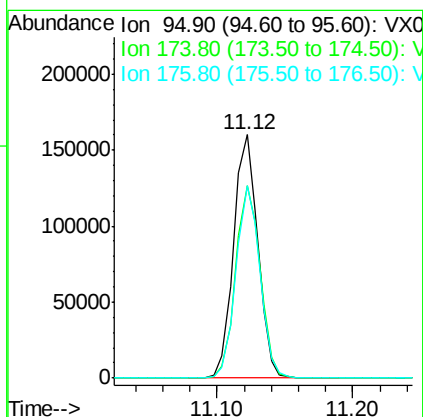
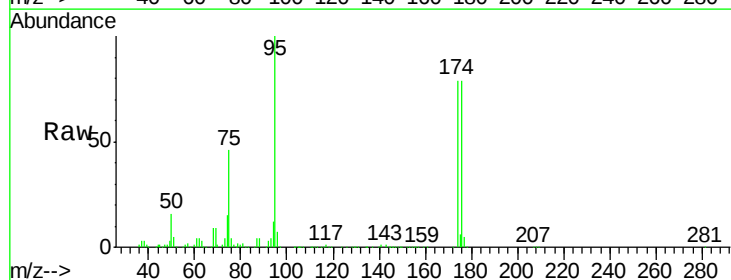
Tgt Ion: 95 Resp: 198313

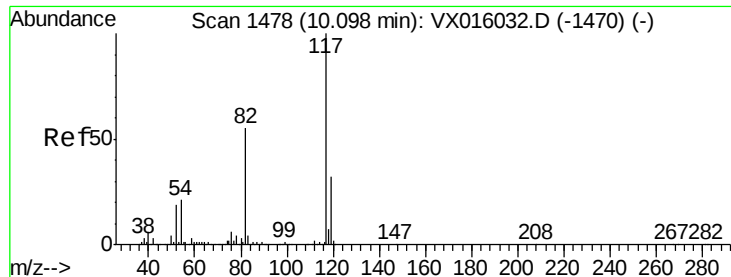
Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.4

176 78.2 0.0 157.6

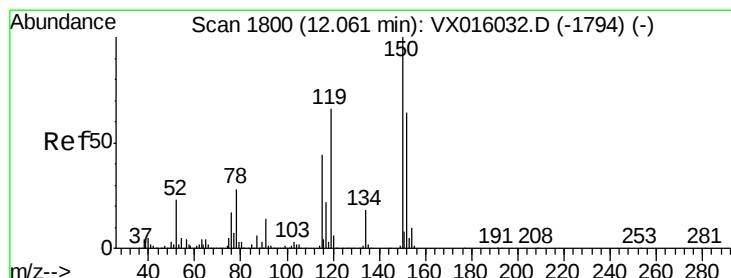
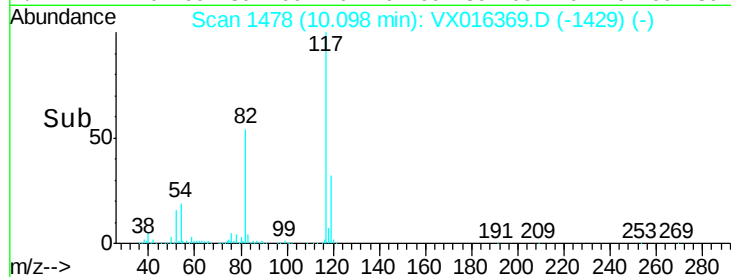
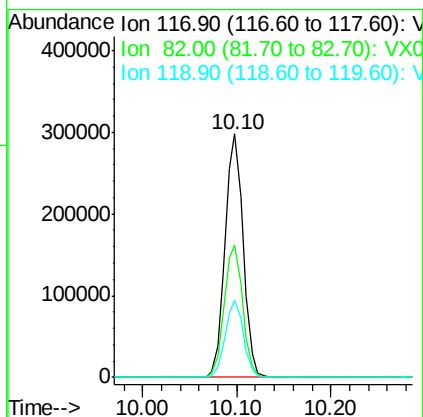
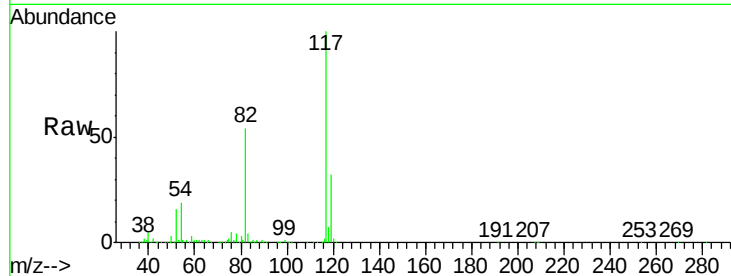




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016369.D
Acq: 20 May 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
RW-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.4	66.6
119	31.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016369.D
Acq: 20 May 2020 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.3	124.1
150	156.6	0.0	352.2

