

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016553.D
 Acq On : 02 Jun 2020 15:34
 Operator : JC/SP
 Sample : L2854-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 03 04:41:00 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	5.62	168	354967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	580703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	590982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	304307	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	207545	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
35) Dibromofluoromethane	5.46	113	168010	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
50) Toluene-d8	8.70	98	732091	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.12	95	297580	55.34	ug/l	0.00
Spiked Amount			Recovery	=	110.68%	

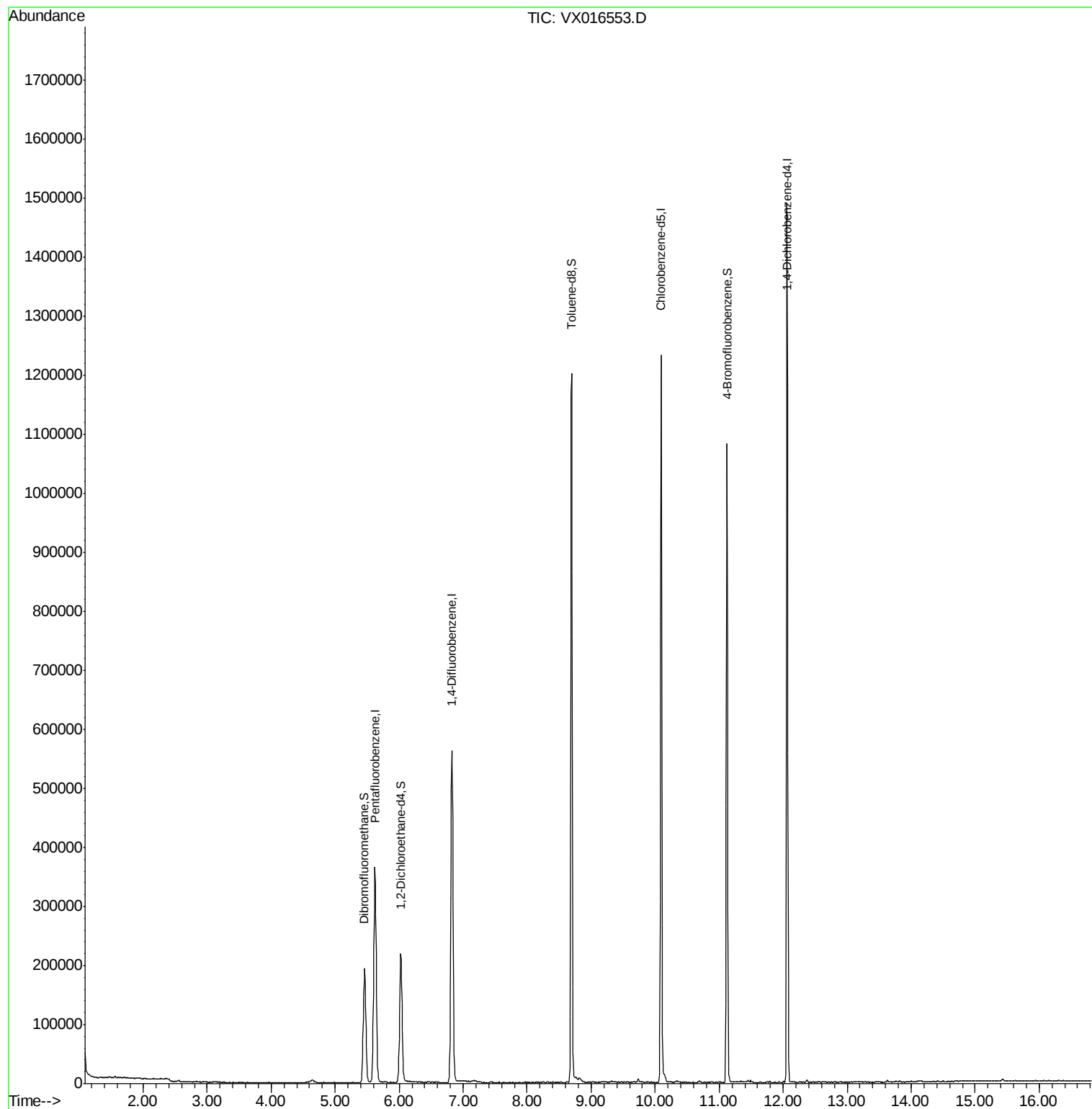
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016553.D

Acq: 02 Jun 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

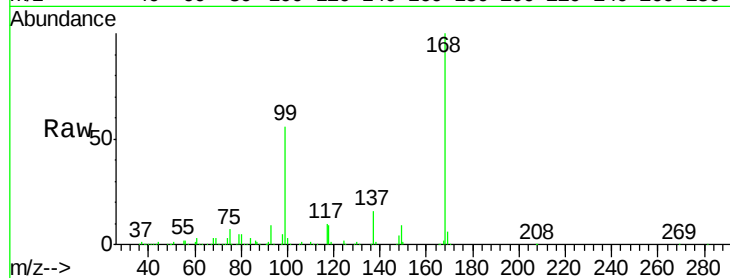
TRIP-BLANK

Tot Ion:168 Resp: 354967

Ion Ratio Lower Upper

168 100

99 56.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

100000

50000

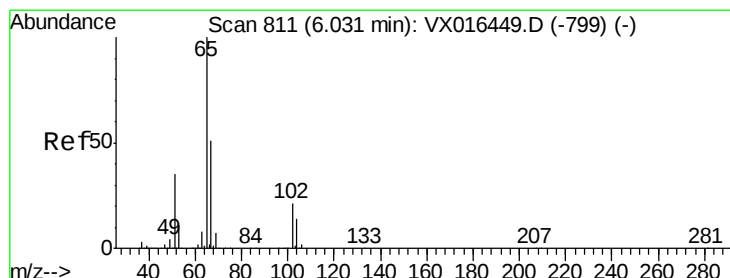
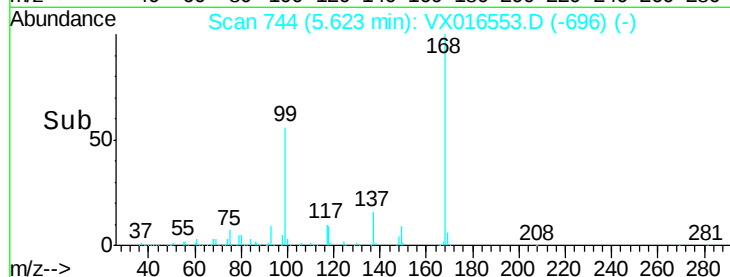
0

Time-->

5.50

5.60

5.70



#33

1,2-Dichloroethane-d4

Concen: 47.081 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016553.D

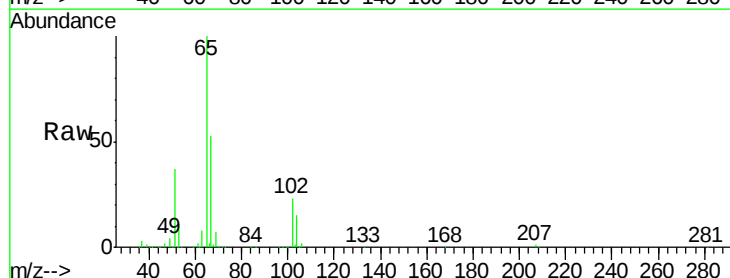
Acq: 02 Jun 2020 15:34

Tgt Ion: 65 Resp: 207545

Ion Ratio Lower Upper

65 100

67 53.2 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

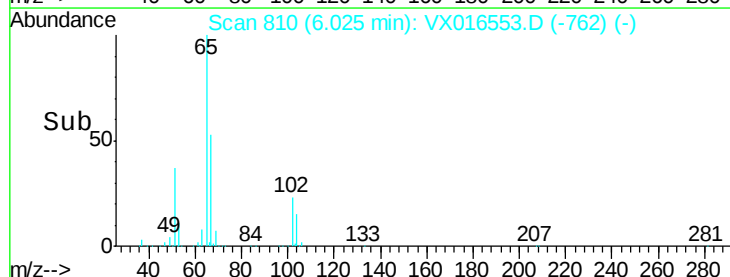
Time-->

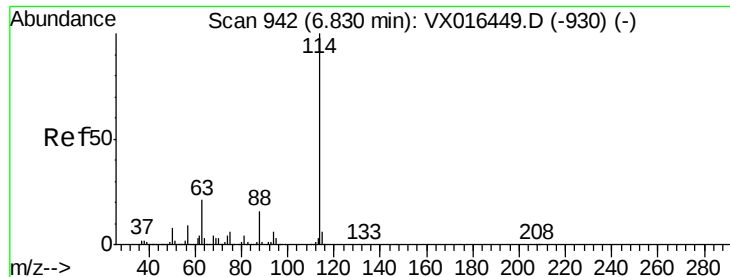
5.90

6.00

6.10

6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016553.D

Acq: 02 Jun 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

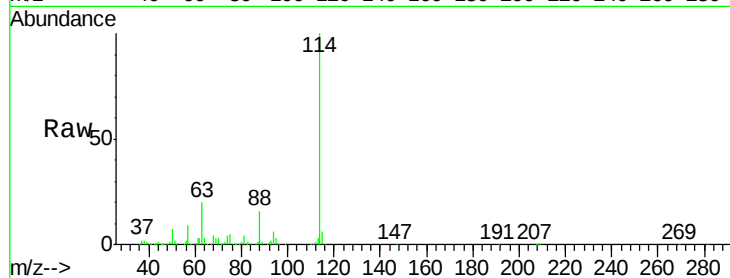
Tot Ion:114 Resp: 580703

Ion Ratio Lower Upper

114 100

63 20.2 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

300000

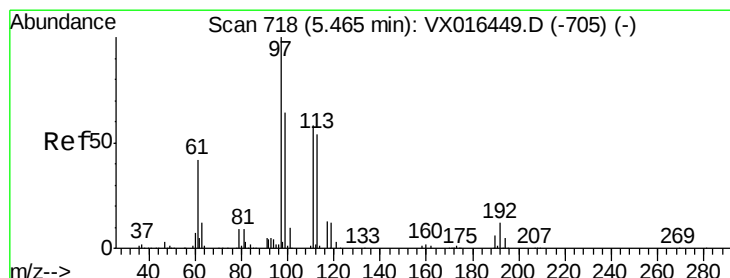
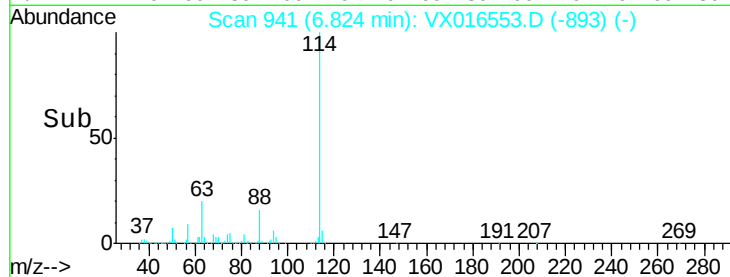
200000

100000

0

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.987 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016553.D

Acq: 02 Jun 2020 15:34

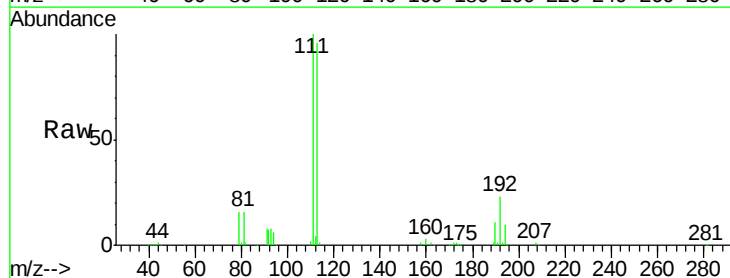
Tgt Ion:113 Resp: 168010

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

192 21.9 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

80000

60000

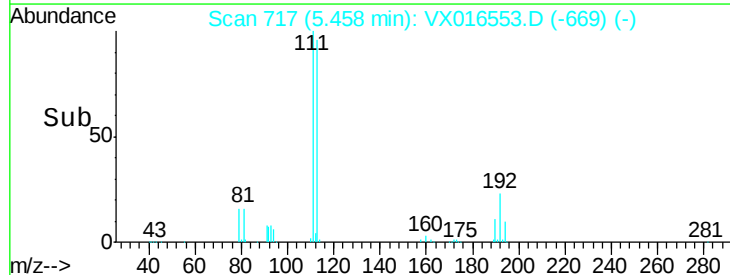
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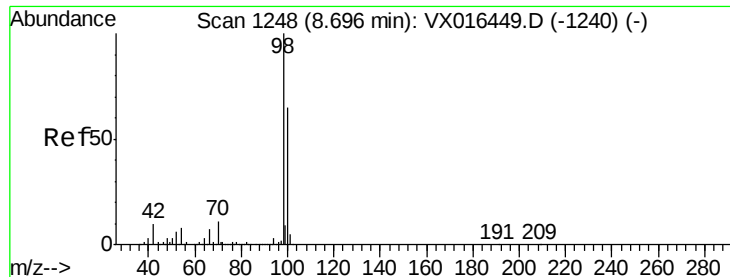
20000

0

5.30 5.40 5.50 5.60

Time-->

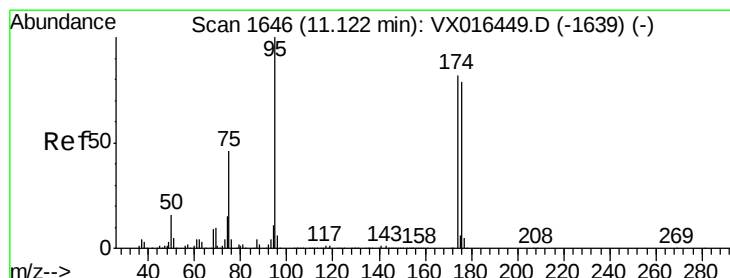
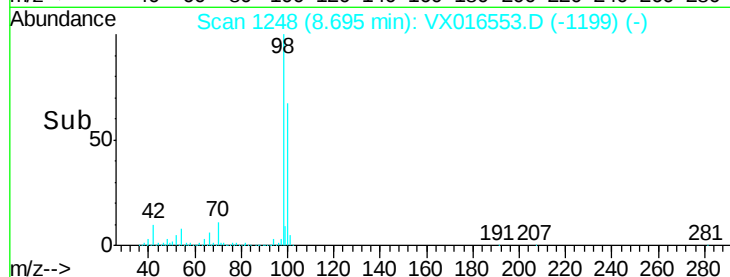
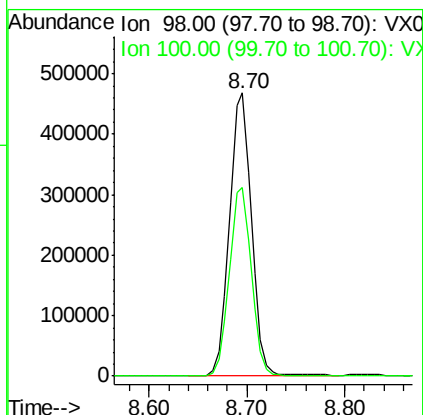
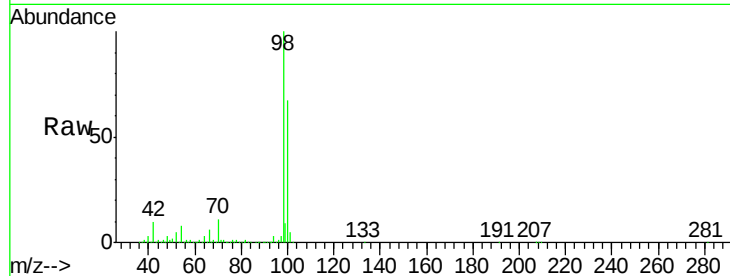




#50
Toluene-d8
Concen: 52.603 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016553.D
Acq: 02 Jun 2020 15:34

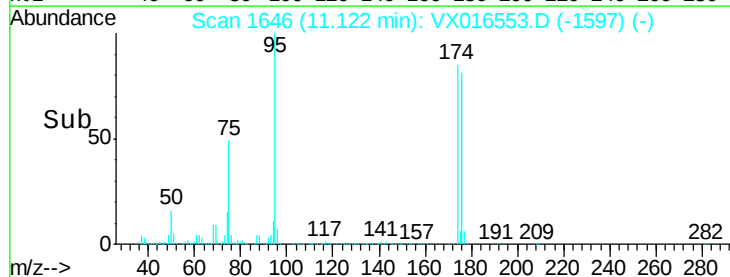
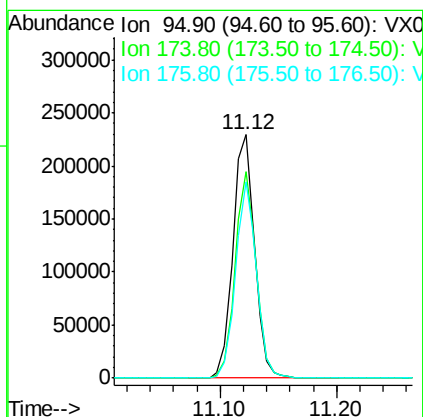
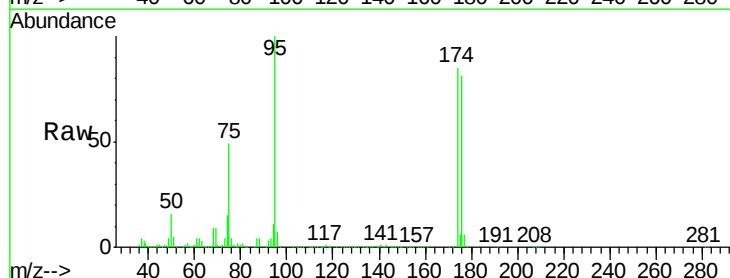
Instrument :
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ClientSampleId :
TRIP-BLANK

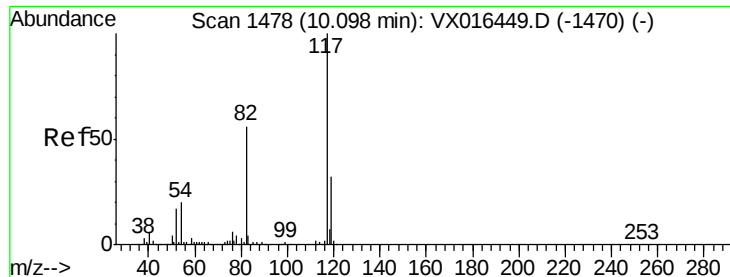
Tot Ion: 98 Resp: 732091
Ion Ratio Lower Upper
98 100
100 66.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 55.337 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016553.D
Acq: 02 Jun 2020 15:34

Tgt Ion: 95 Resp: 297580
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.0
176 77.7 0.0 156.8

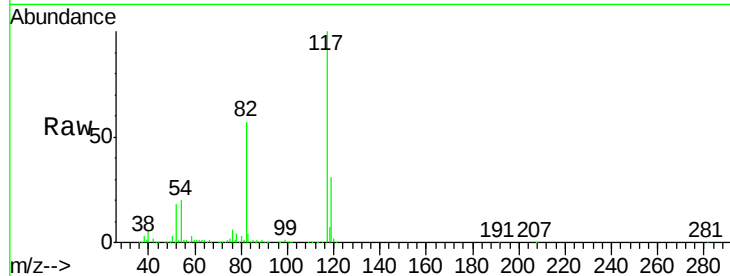




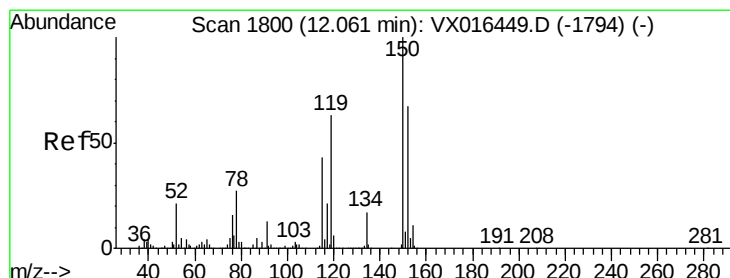
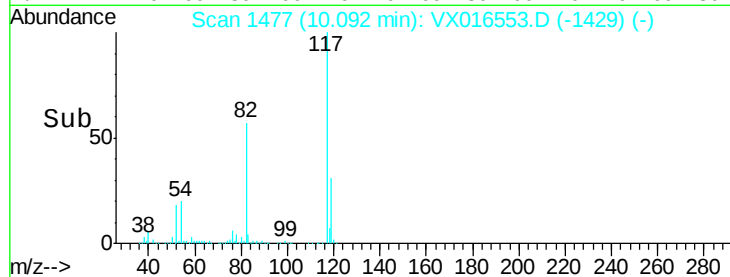
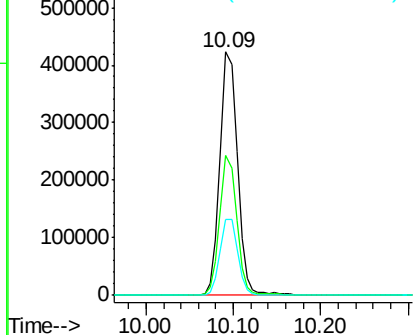
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX016553.D
Acq: 02 Jun 2020 15:34

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 590982
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.6
119 31.3 25.8 38.8

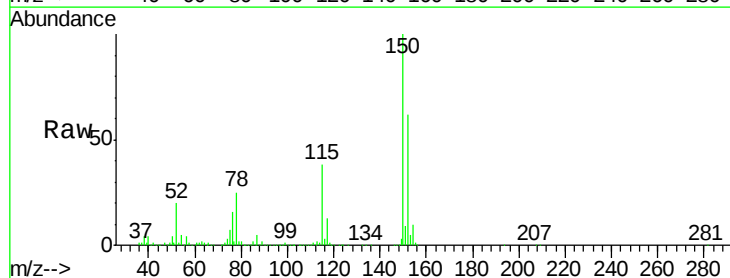


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016553.D
Acq: 02 Jun 2020 15:34

Tgt Ion:152 Resp: 304307
Ion Ratio Lower Upper
152 100
115 59.0 39.9 119.6
150 156.6 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

