

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016610.D
 Acq On : 05 Jun 2020 14:47
 Operator : JC/SP
 Sample : L2894-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012-RW161-200601

Quant Time: Jun 06 06:23:15 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

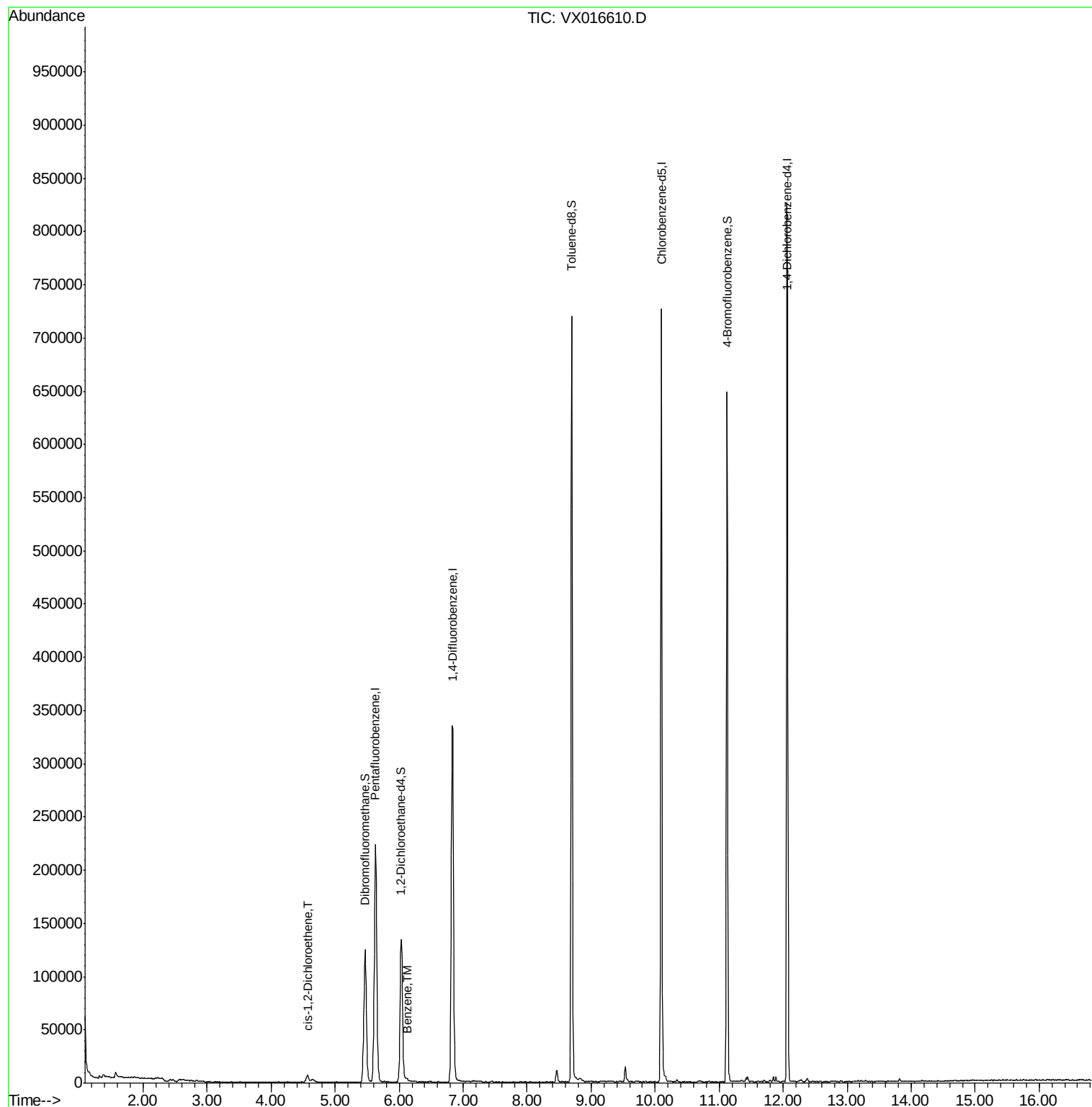
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	348087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	131128	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.47	113	105522	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	8.70	98	429287	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.12	95	168443	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	4469	1.661	ug/l	82
40) Benzene	6.12	78	3420	0.348	ug/l	100

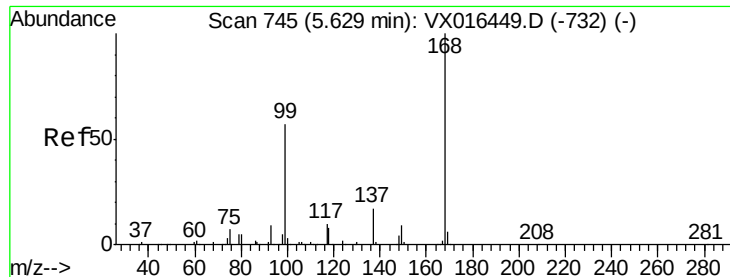
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016610.D

Acq: 05 Jun 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

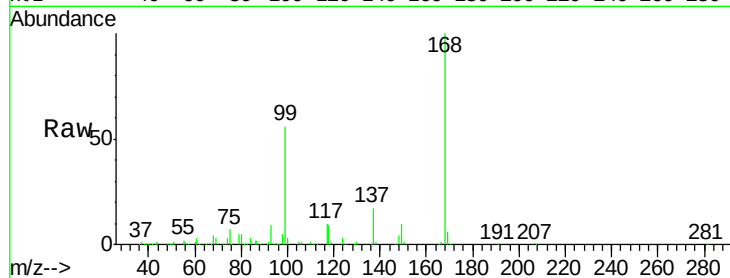
LF012-RW161-200601

Tot Ion:168 Resp: 218547

Ion Ratio Lower Upper

168 100

99 56.3 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

80000

60000

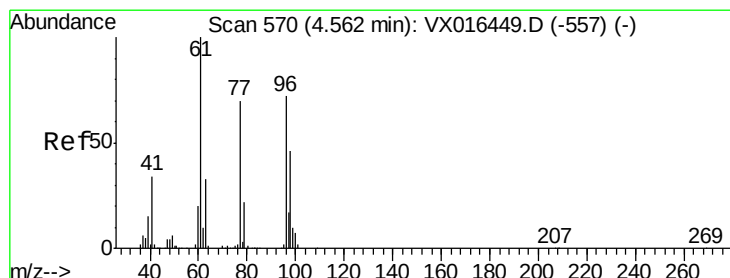
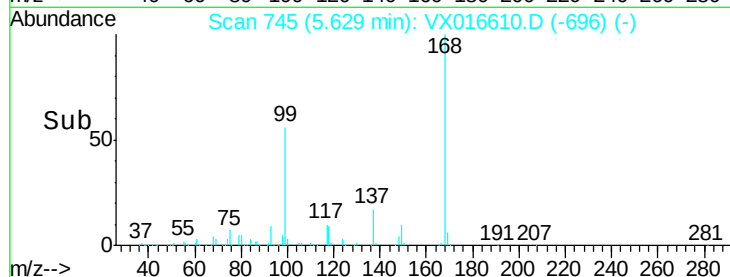
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.661 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016610.D

Acq: 05 Jun 2020 14:47

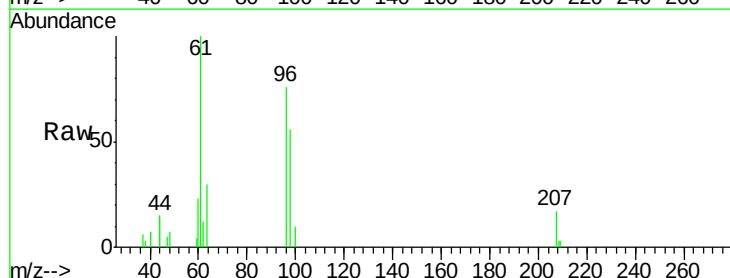
Tgt Ion: 96 Resp: 4469

Ion Ratio Lower Upper

96 100

61 112.7 0.0 284.6

98 66.6 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2500

2000

1500

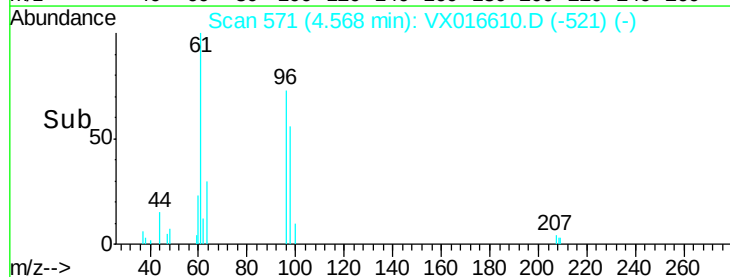
1000

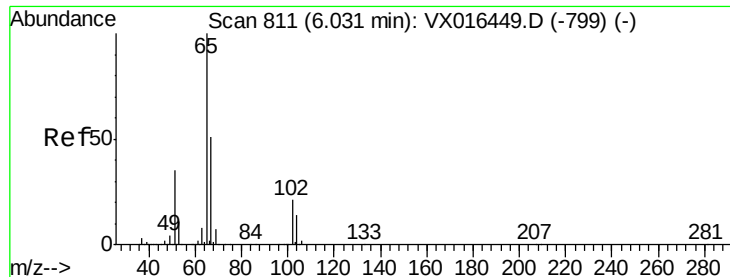
500

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.314 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016610.D

Acq: 05 Jun 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

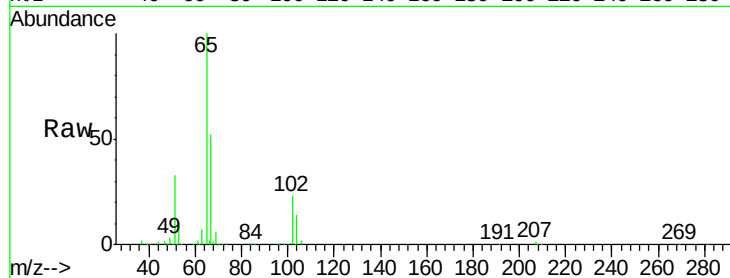
LF012-RW161-200601

Tot Ion: 65 Resp: 131128

Ion Ratio Lower Upper

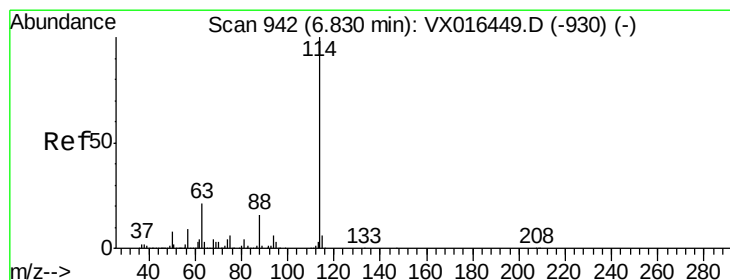
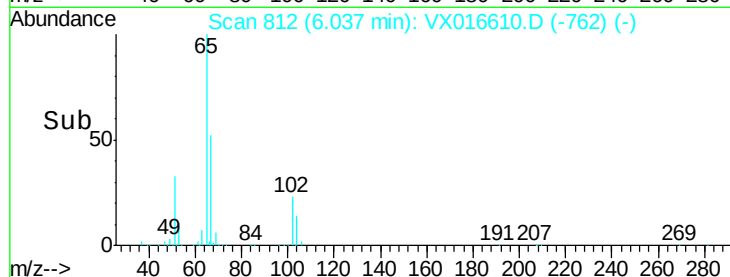
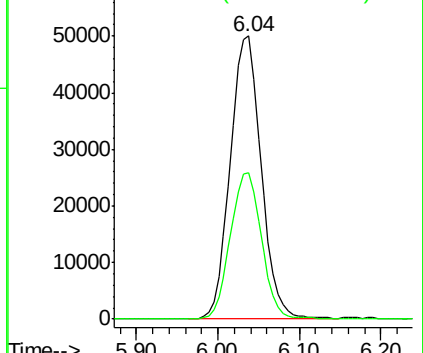
65 100

67 52.2 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016610.D

Acq: 05 Jun 2020 14:47

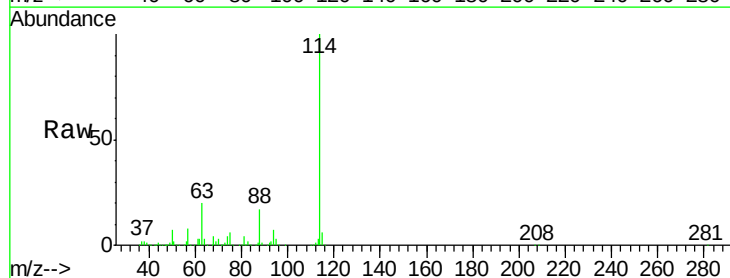
Tgt Ion: 114 Resp: 348087

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

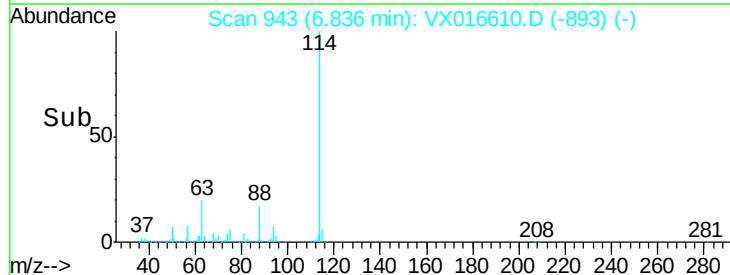
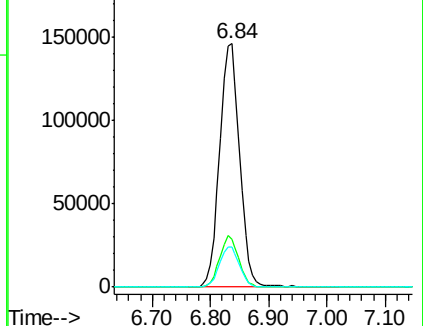
88 16.5 0.0 32.8

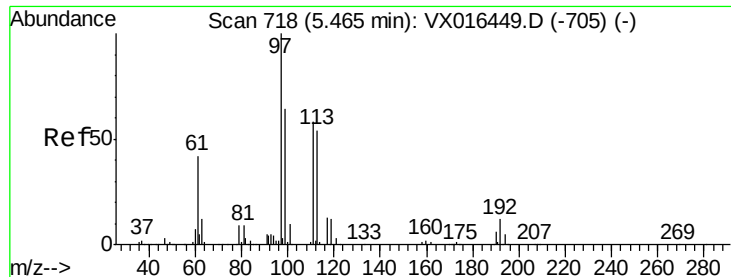


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

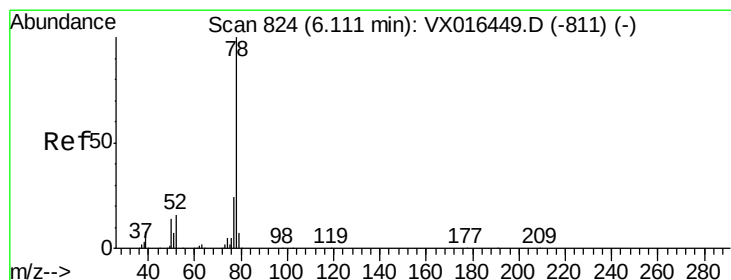
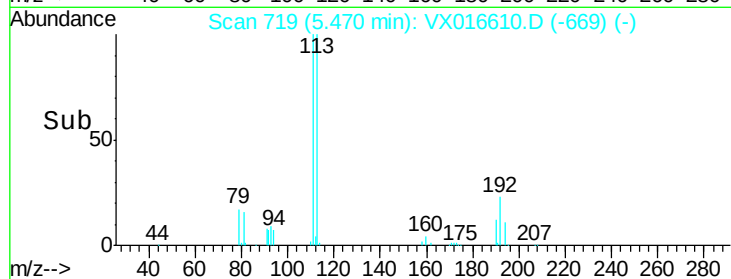
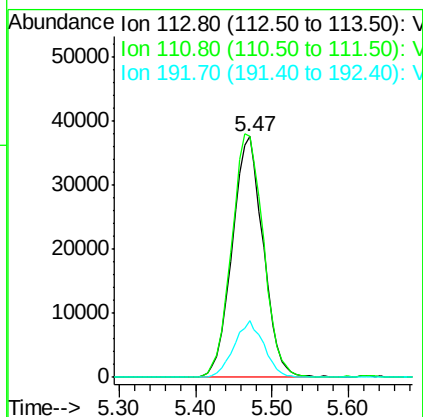
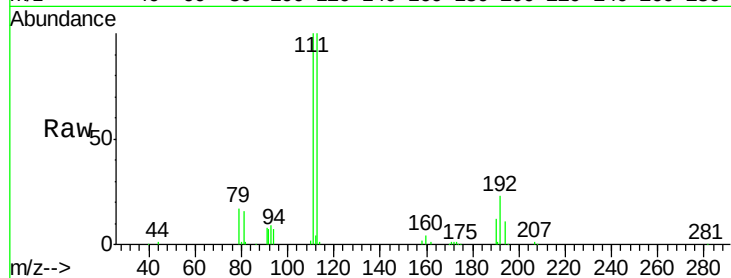




#35
Dibromofluoromethane
Concen: 49.233 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016610.D
Acq: 05 Jun 2020 14:47

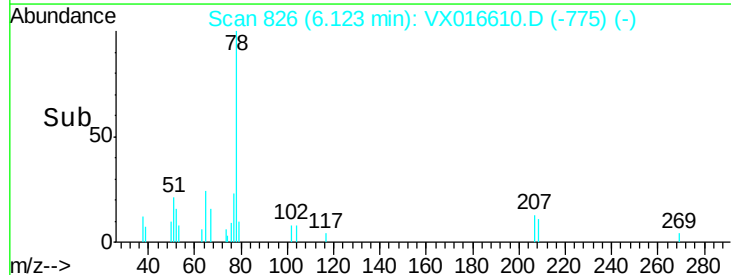
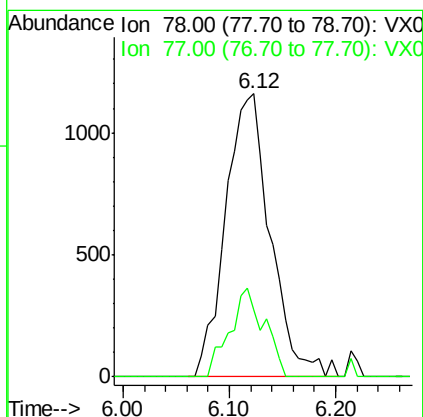
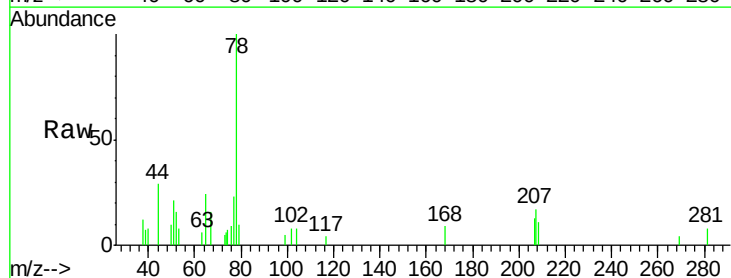
Instrument :
MSVOA_X
ClientSampleId :
LF012-RW161-200601

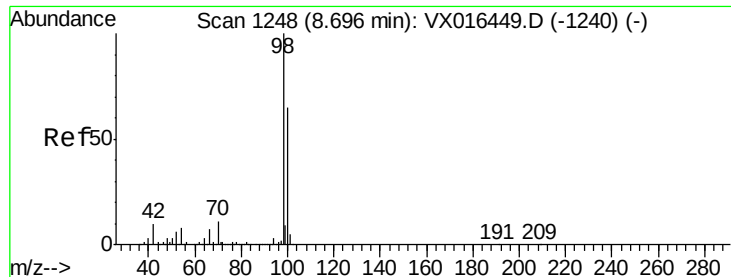
Tot Ion:113 Resp: 105522
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.6
192 22.8 17.7 26.5



#40
Benzene
Concen: 0.348 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX016610.D
Acq: 05 Jun 2020 14:47

Tgt Ion: 78 Resp: 3420
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3





#50

Toluene-d8

Concen: 51.459 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016610.D

Acq: 05 Jun 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

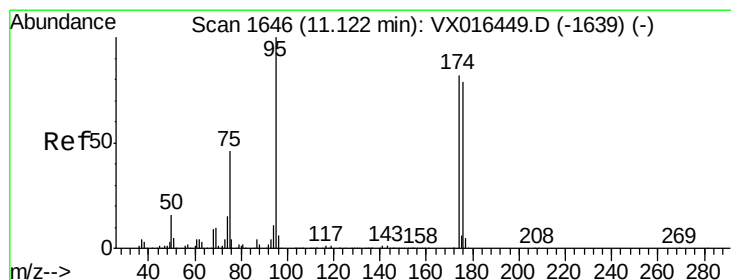
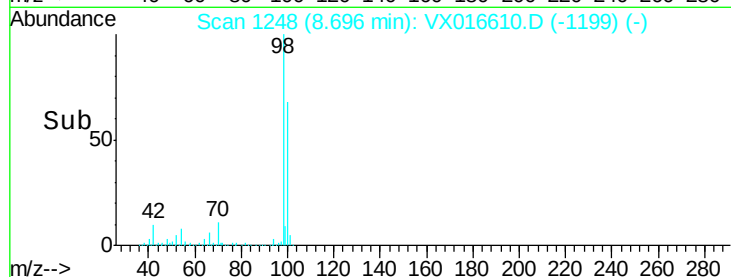
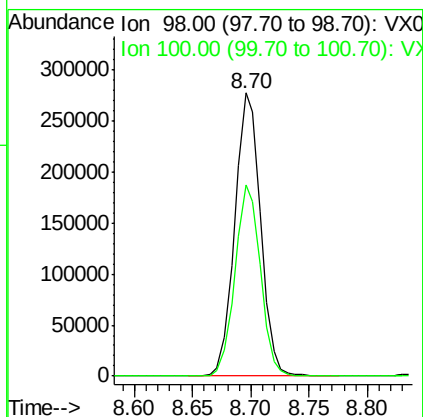
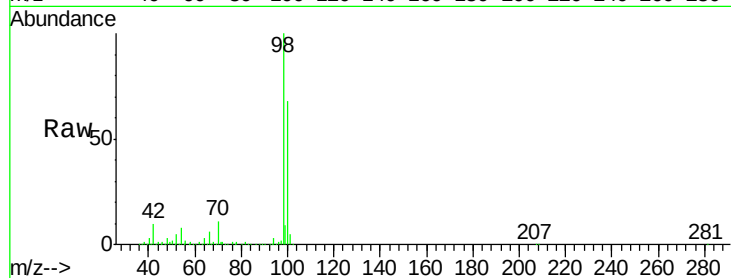
LF012-RW161-200601

Tot Ion: 98 Resp: 429287

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 52.255 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016610.D

Acq: 05 Jun 2020 14:47

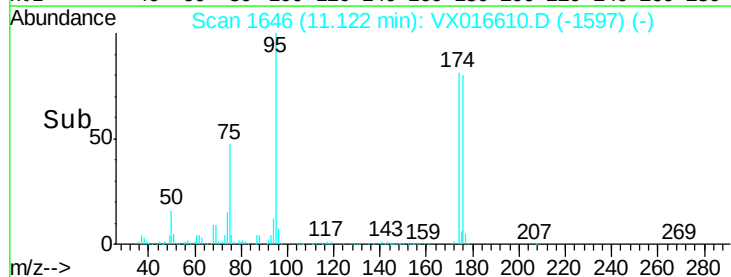
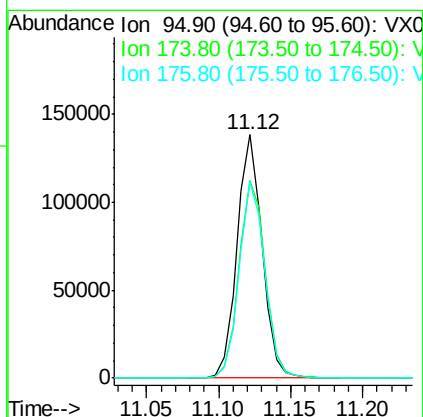
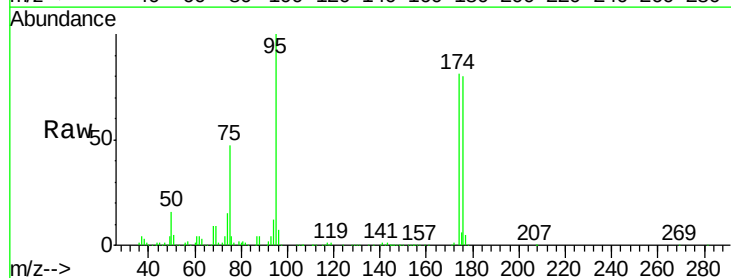
Tgt Ion: 95 Resp: 168443

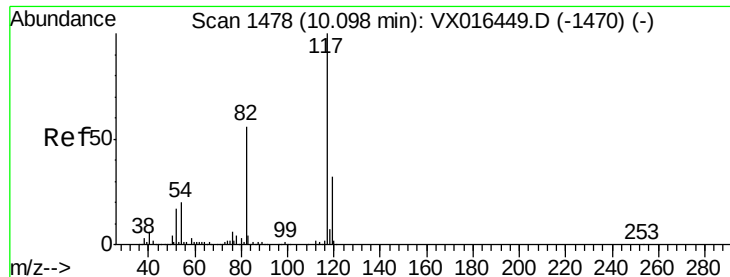
Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.0

176 81.8 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: VX016610.D

Acq: 05 Jun 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

LF012-RW161-200601

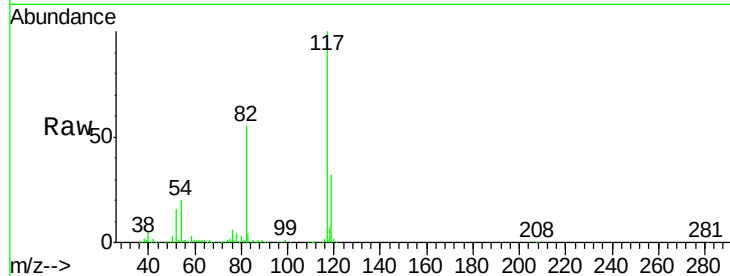
Tot Ion:117 Resp: 346017

Ion Ratio Lower Upper

117 100

82 54.8 45.0 67.6

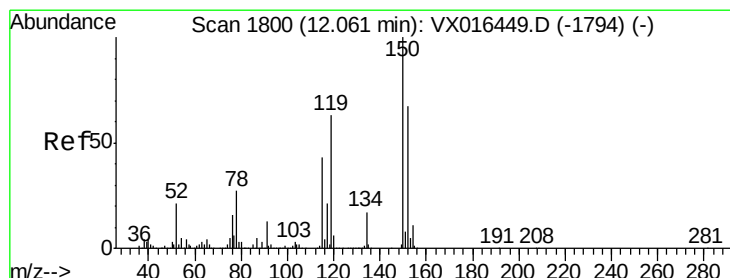
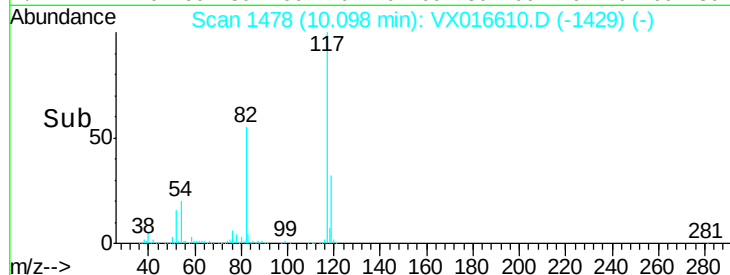
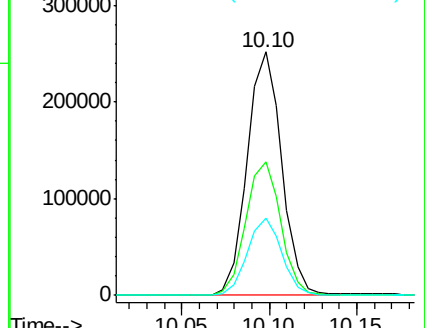
119 31.7 25.8 38.8



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: VX016610.D

Acq: 05 Jun 2020 14:47

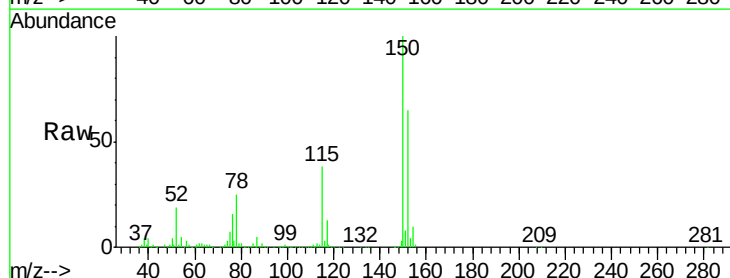
Tgt Ion:152 Resp: 176482

Ion Ratio Lower Upper

152 100

115 57.4 39.9 119.6

150 156.0 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

