

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016612.D
 Acq On : 05 Jun 2020 15:32
 Operator : JC/SP
 Sample : L2894-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW160-200602

Quant Time: Jun 06 06:40:27 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

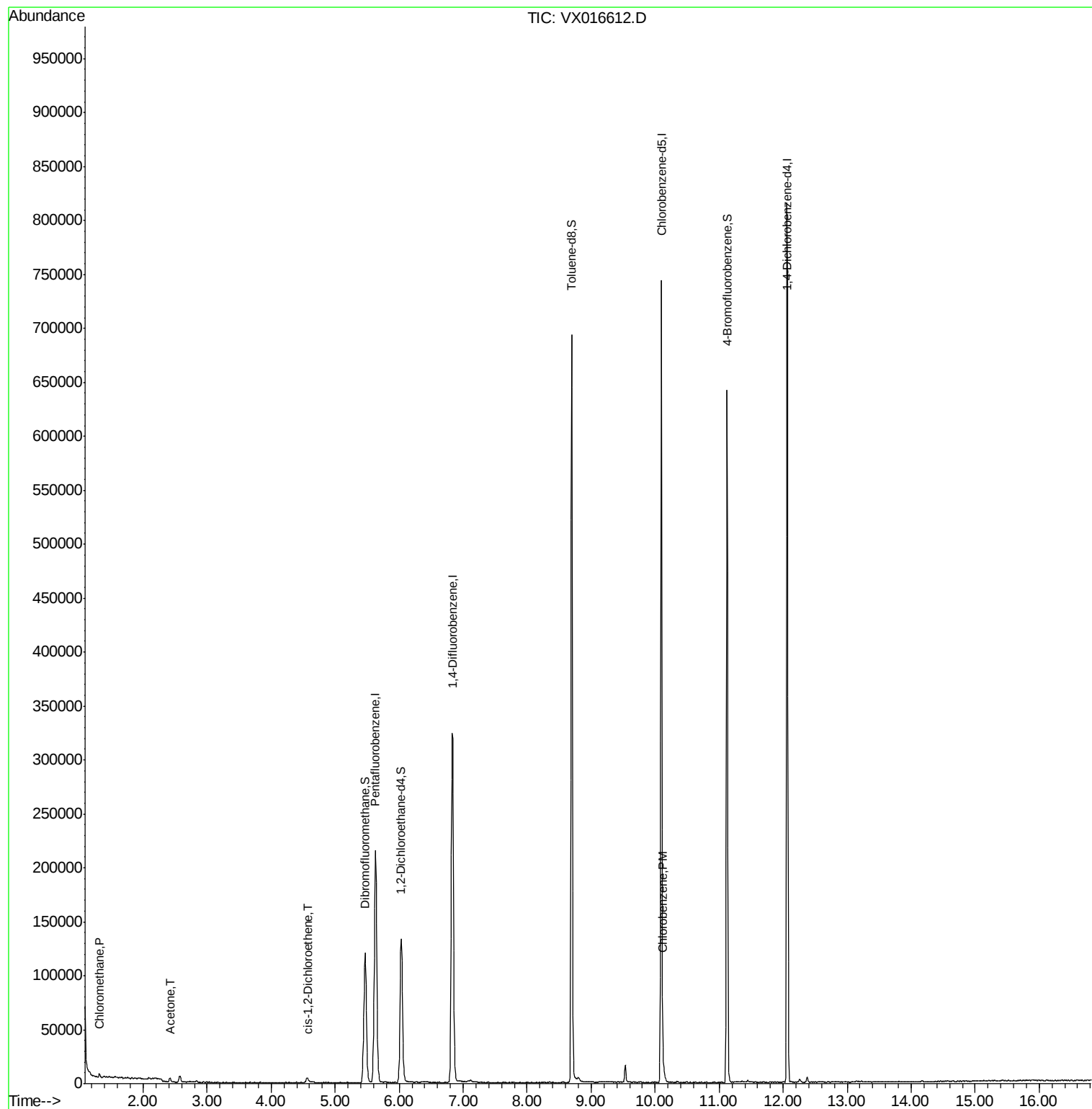
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	212278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	338108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	341656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130589	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	5.47	113	104998	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	8.70	98	416054	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.12	95	167170	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
Target Compounds						
3) Chloromethane	1.31	50	2071	0.820	ug/l	94
16) Acetone	2.42	43	3683	3.189	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	2974	1.138	ug/l	84
65) Chlorobenzene	10.12	112	5505	0.790	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016612.D

Acq: 05 Jun 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

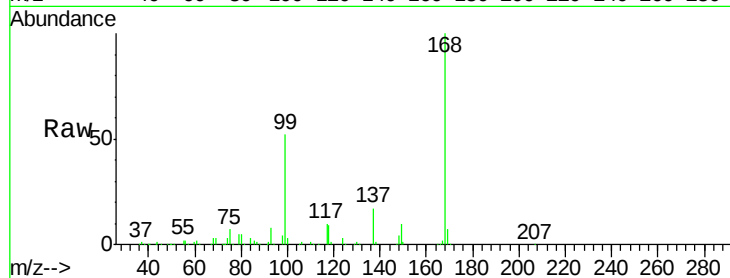
LF012RW160-200602

Tot Ion:168 Resp: 212278

Ion Ratio Lower Upper

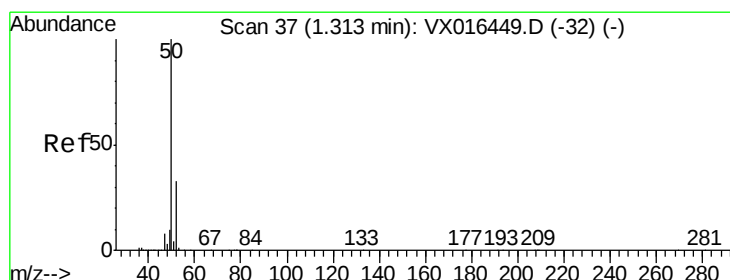
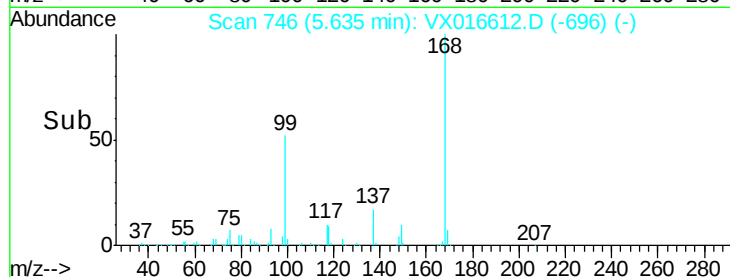
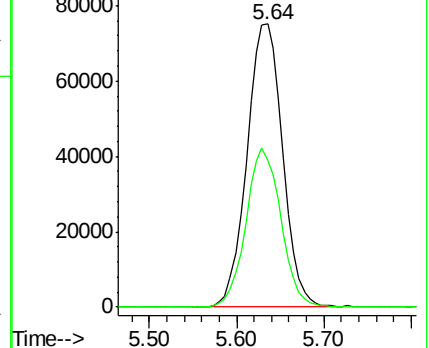
168 100

99 51.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.820 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016612.D

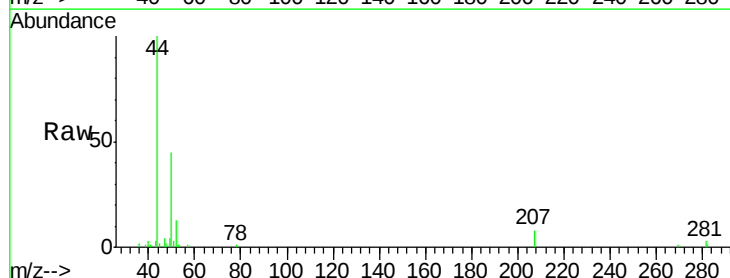
Acq: 05 Jun 2020 15:32

Tgt Ion: 50 Resp: 2071

Ion Ratio Lower Upper

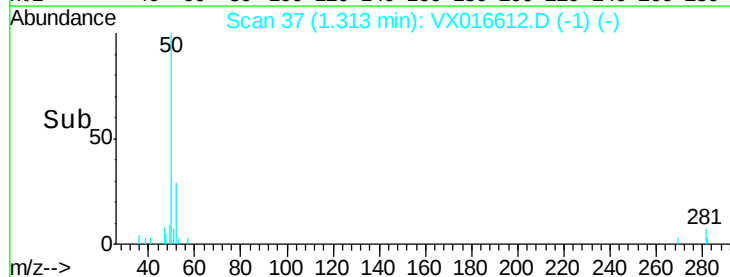
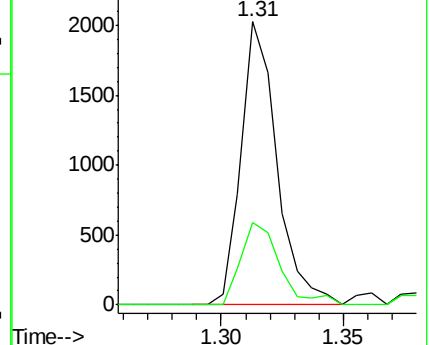
50 100

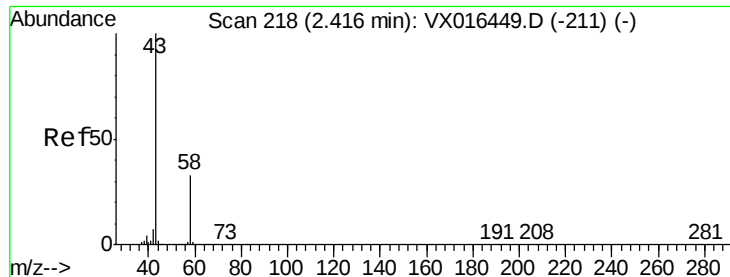
52 29.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 3.189 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016612.D

Acq: 05 Jun 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

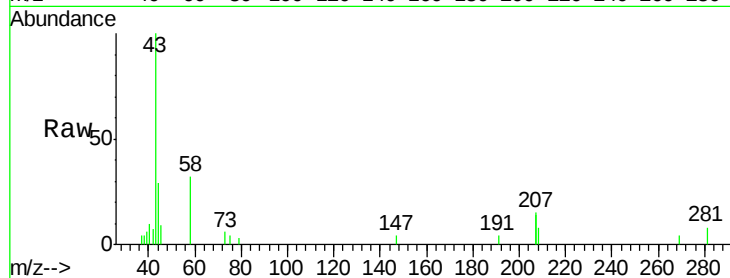
LF012RW160-200602

Tot Ion: 43 Resp: 3683

Ion Ratio Lower Upper

43 100

58 32.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

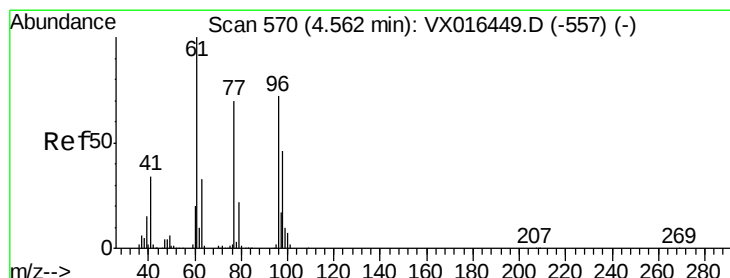
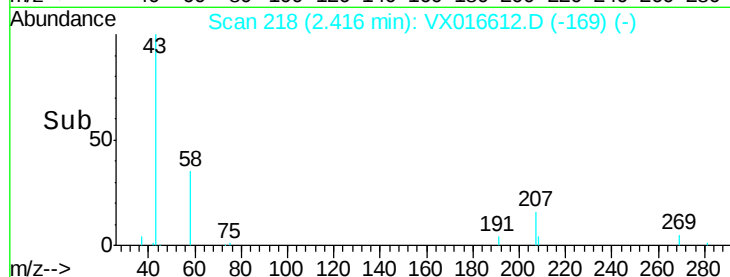
1000

500

0

2.35 2.40 2.45 2.50

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.138 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016612.D

Acq: 05 Jun 2020 15:32

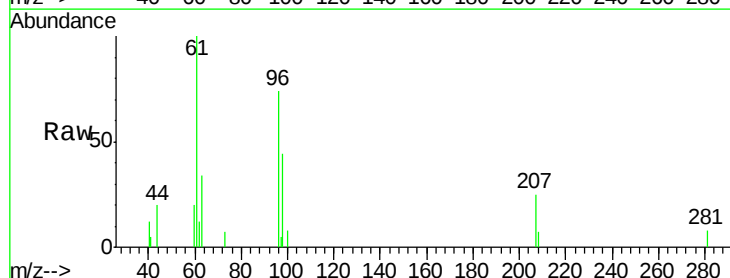
Tgt Ion: 96 Resp: 2974

Ion Ratio Lower Upper

96 100

61 116.4 0.0 284.6

98 60.7 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

1500

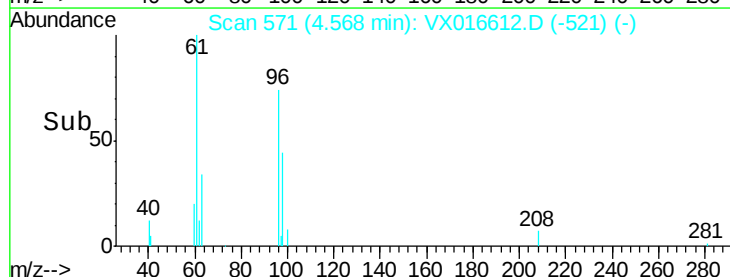
1000

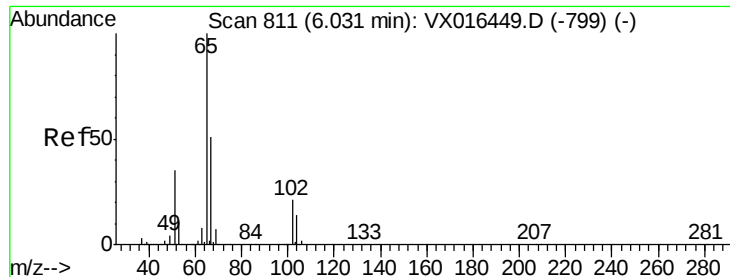
500

0

4.50 4.55 4.60 4.65

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.536 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016612.D

Acq: 05 Jun 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

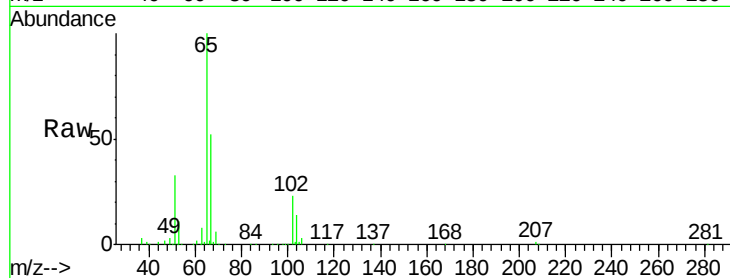
LF012RW160-200602

Tot Ion: 65 Resp: 130589

Ion Ratio Lower Upper

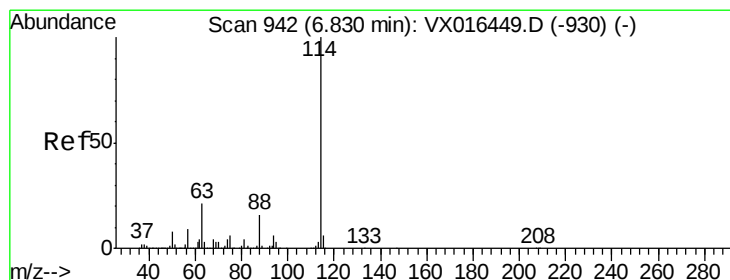
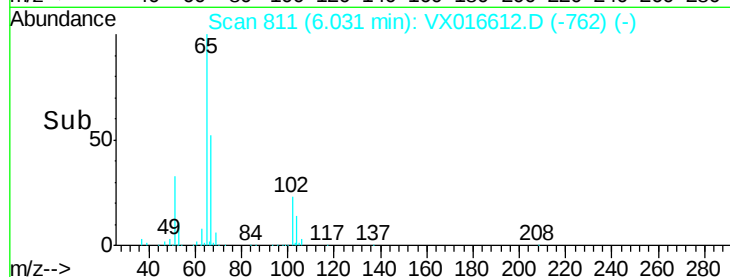
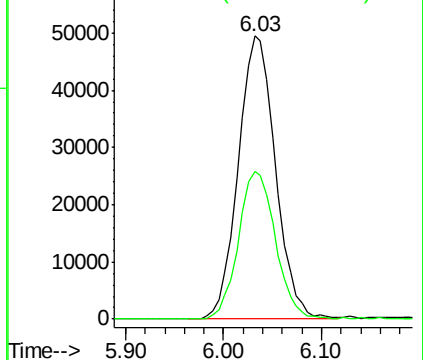
65 100

67 51.9 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: VX016612.D

Acq: 05 Jun 2020 15:32

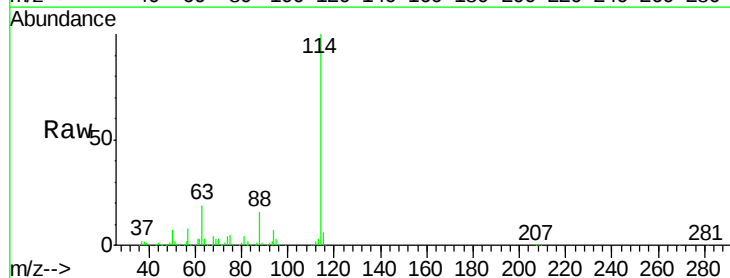
Tgt Ion: 114 Resp: 338108

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

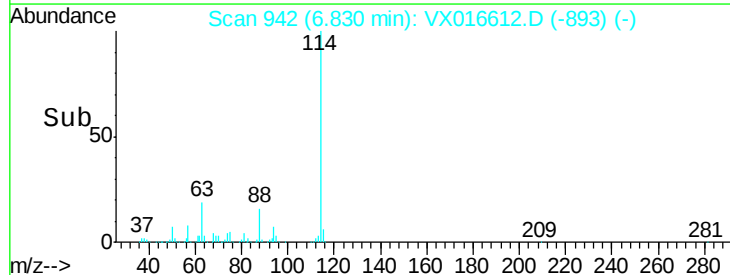
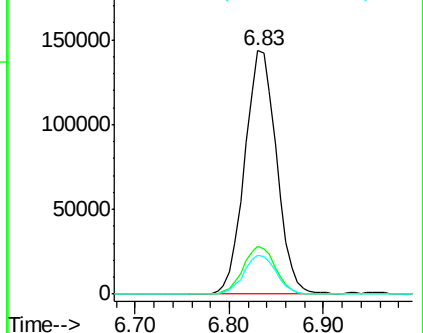
88 15.7 0.0 32.8

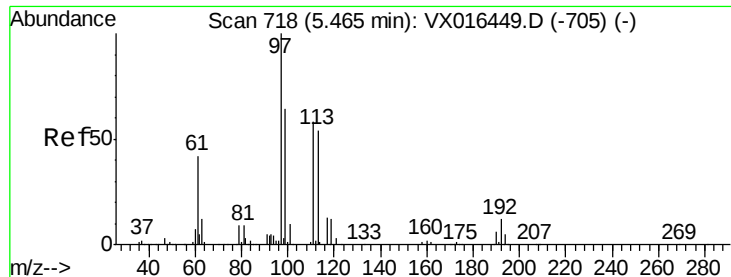


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

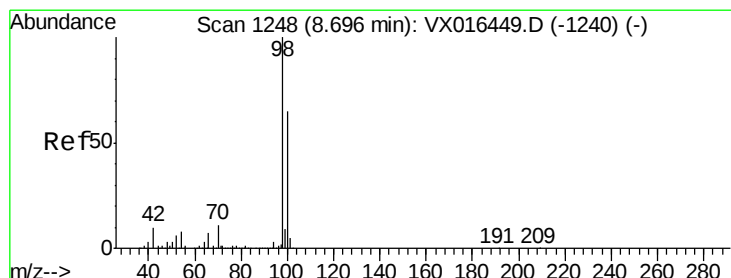
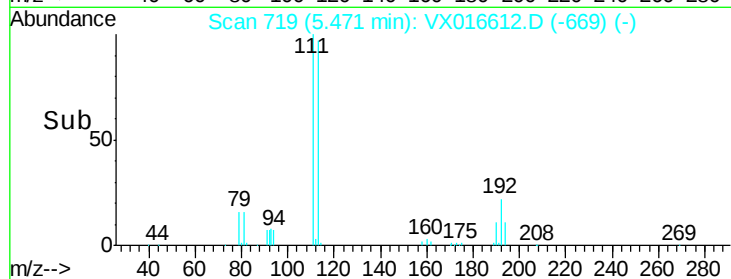
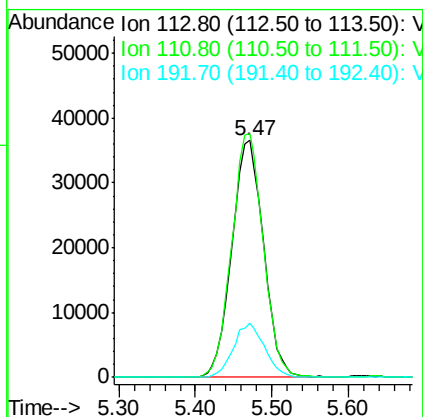
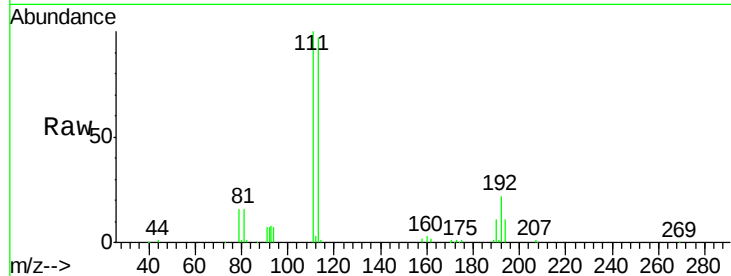




#35
 Dibromofluoromethane
 Concen: 50.434 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016612.D
 Acq: 05 Jun 2020 15:32

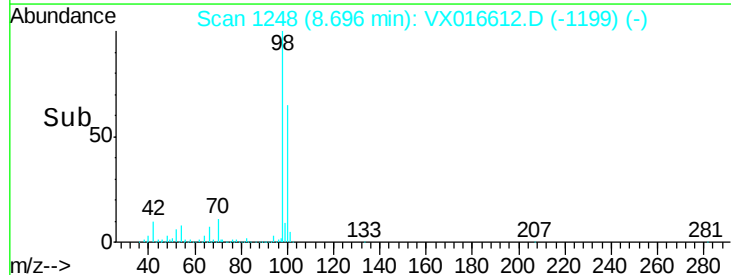
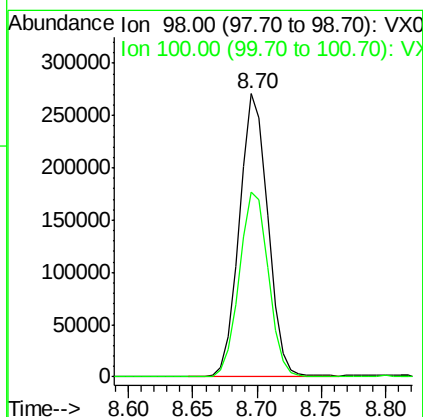
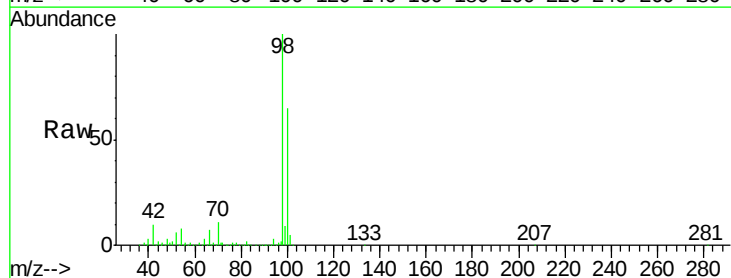
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW160-200602

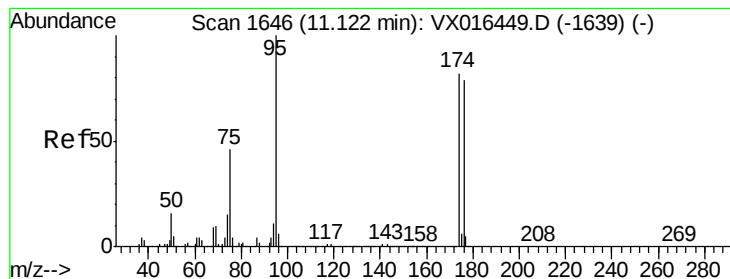
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	22.5	17.7	26.5



#50
 Toluene-d8
 Concen: 51.345 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016612.D
 Acq: 05 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





#62

4-Bromofluorobenzene

Concen: 53.391 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016612.D

Acq: 05 Jun 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

LF012RW160-200602

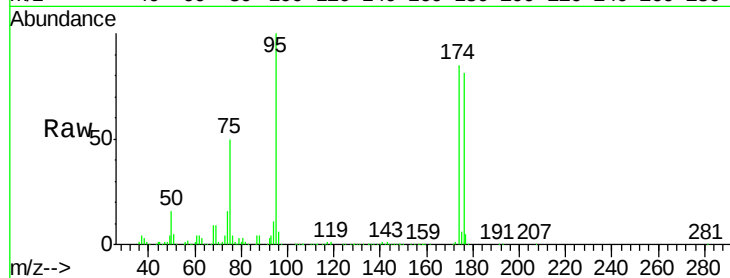
Tot Ion: 95 Resp: 167170

Ion Ratio Lower Upper

95 100

174 85.6 0.0 163.0

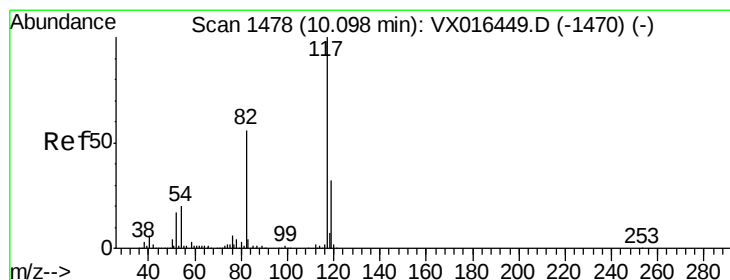
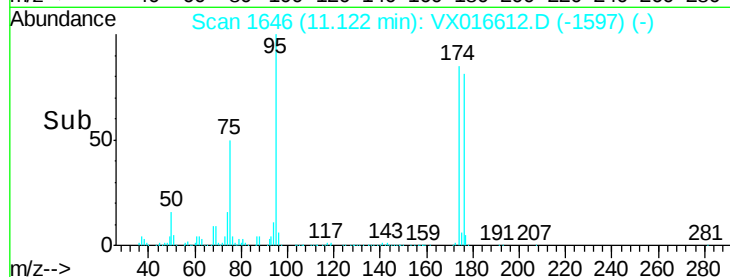
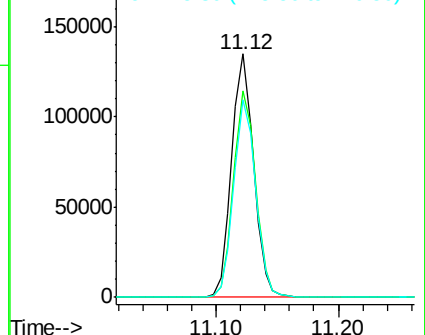
176 81.0 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016612.D

Acq: 05 Jun 2020 15:32

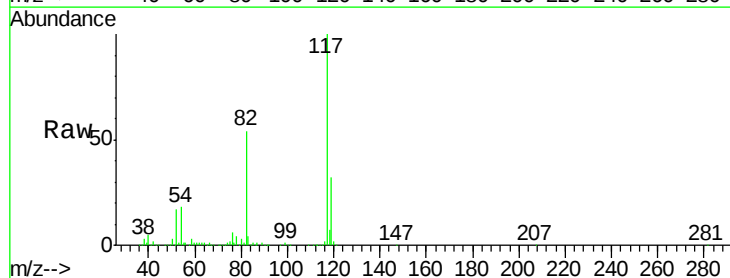
Tgt Ion: 117 Resp: 341656

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.6

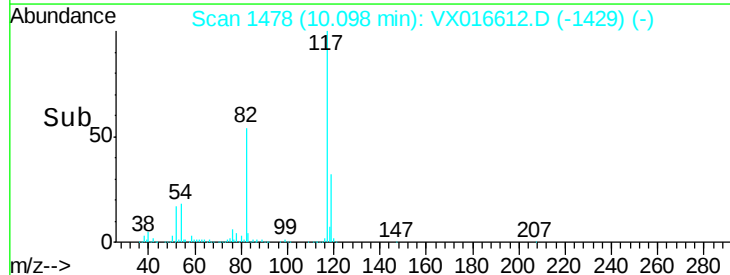
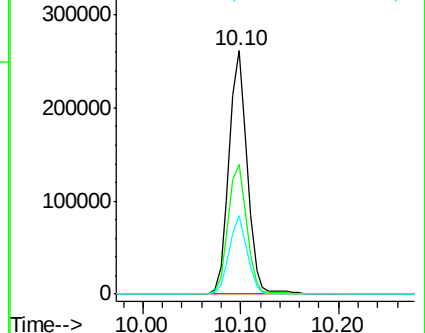
119 32.1 25.8 38.8

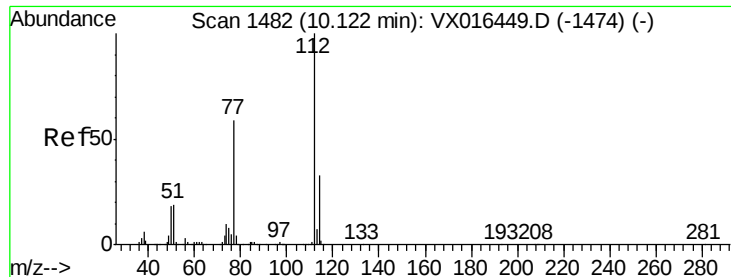


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#65

Chlorobenzene

Concen: 0.790 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016612.D

Acq: 05 Jun 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

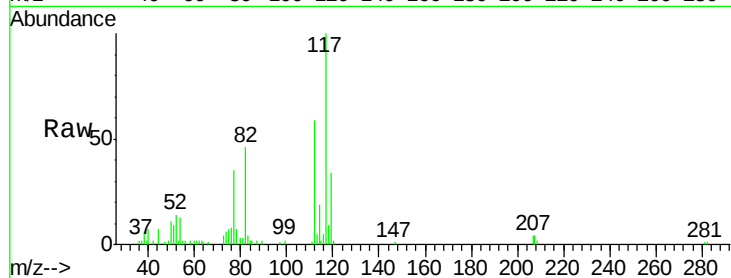
LF012RW160-200602

Tot Ion:112 Resp: 5505

Ion Ratio Lower Upper

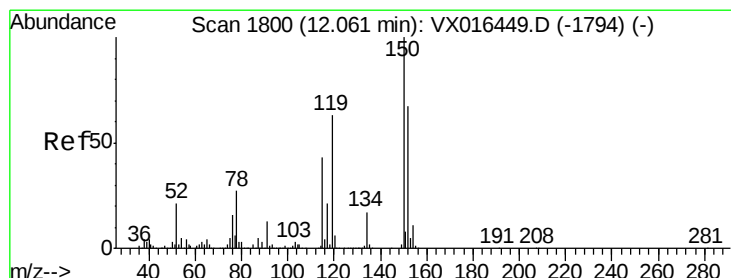
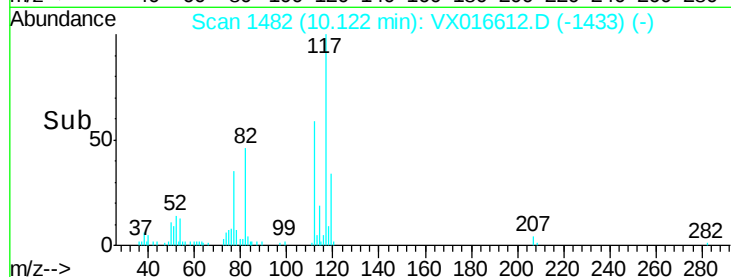
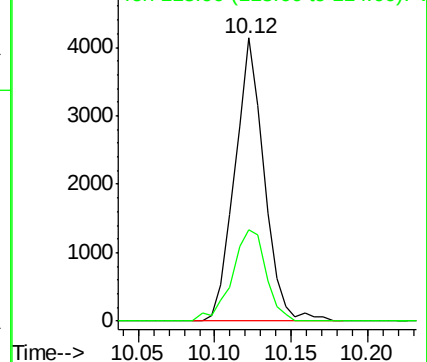
112 100

114 32.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX016612.D

Acq: 05 Jun 2020 15:32

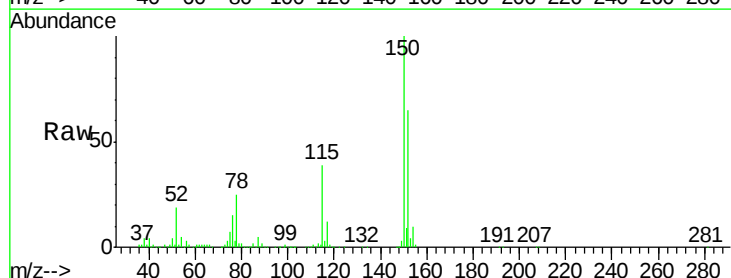
Tgt Ion:152 Resp: 174516

Ion Ratio Lower Upper

152 100

115 58.2 39.9 119.6

150 155.0 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

