

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015975.D
 Acq On : 29 Apr 2020 14:32
 Operator : JC/SP
 Sample : L2406-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Apr 30 08:07:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

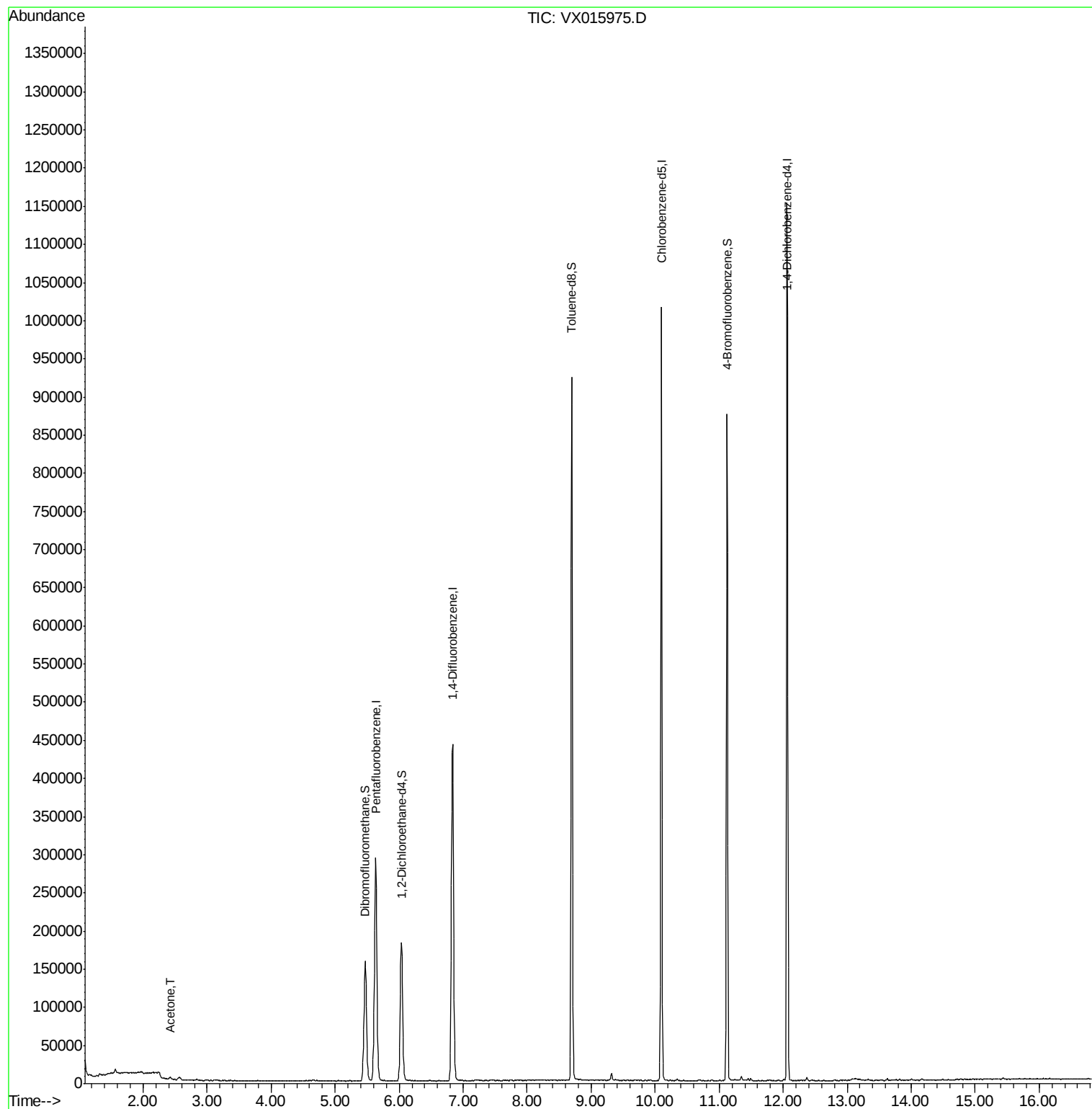
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	274665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	440805	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	173309	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
35) Dibromofluoromethane	5.47	113	131992	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	8.70	98	540279	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.12	95	217348	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
Target Compounds						
16) Acetone	2.42	43	2772	1.805	ug/l	Qvalue 97

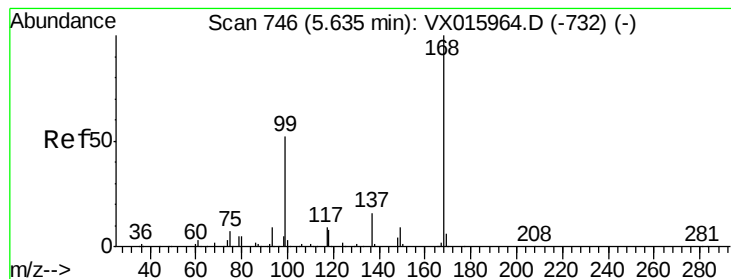
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

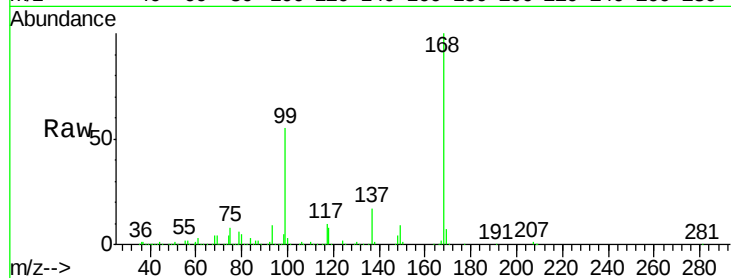
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 274665

Ion Ratio Lower Upper

168 100

99 54.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

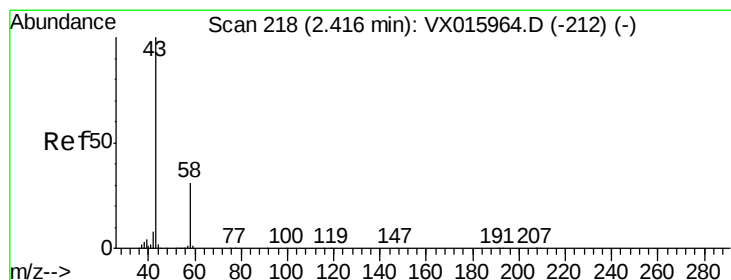
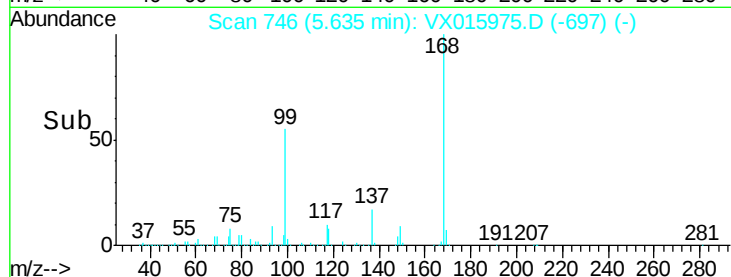
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.805 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX015975.D

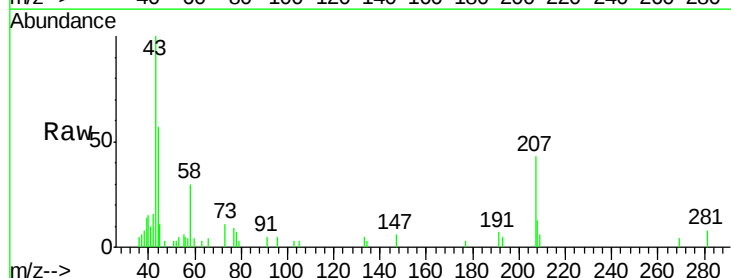
Acq: 29 Apr 2020 14:32

Tgt Ion: 43 Resp: 2772

Ion Ratio Lower Upper

43 100

58 32.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

1500

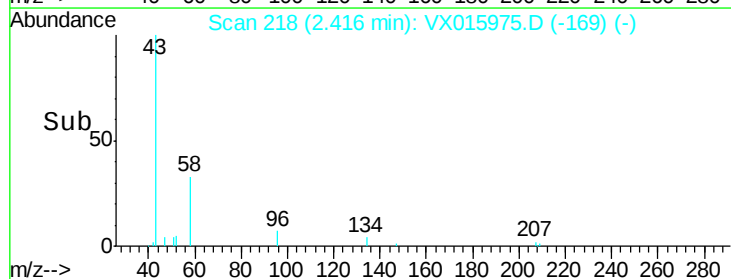
1000

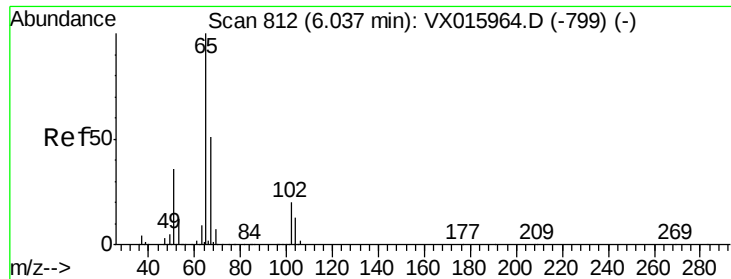
500

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.260 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015975.D

Acq: 29 Apr 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

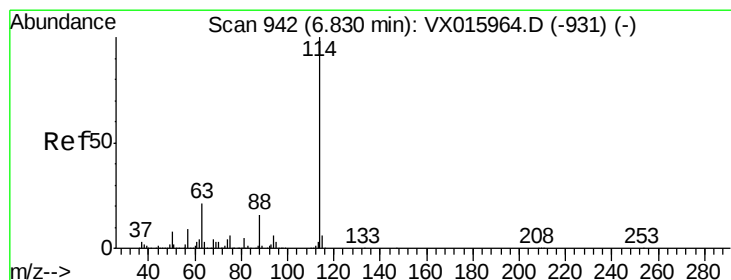
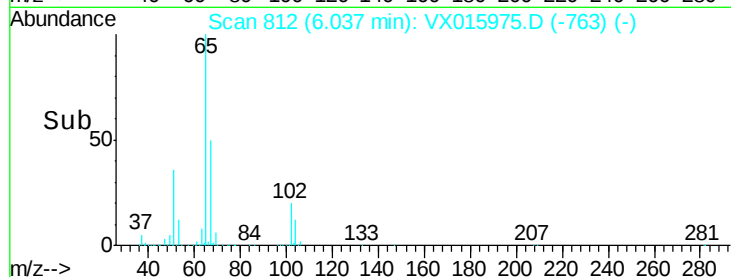
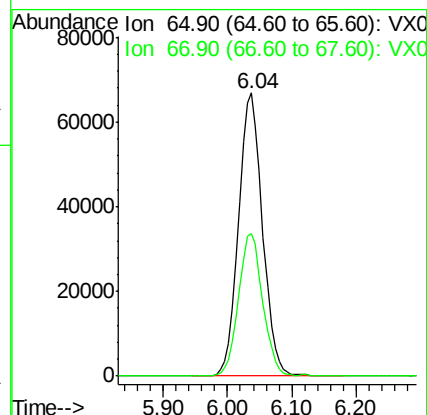
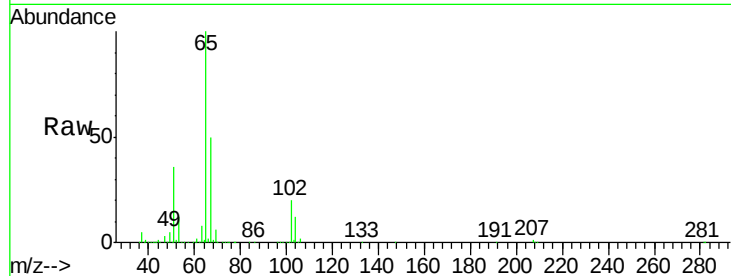
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 65 Resp: 173309

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX015975.D

Acq: 29 Apr 2020 14:32

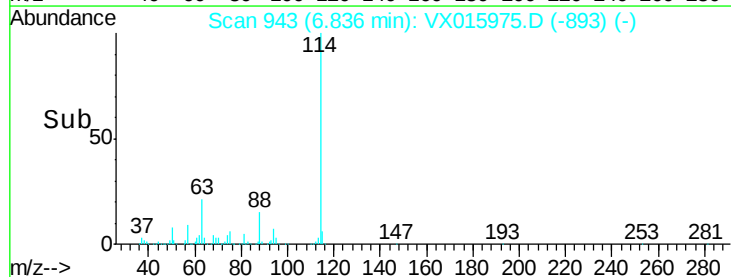
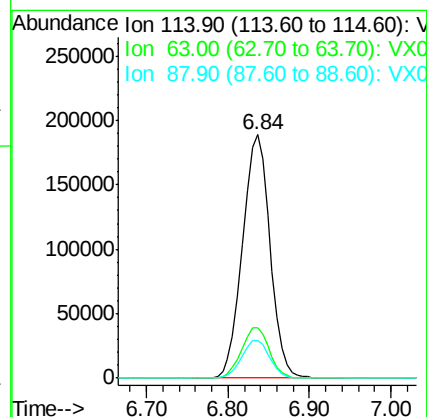
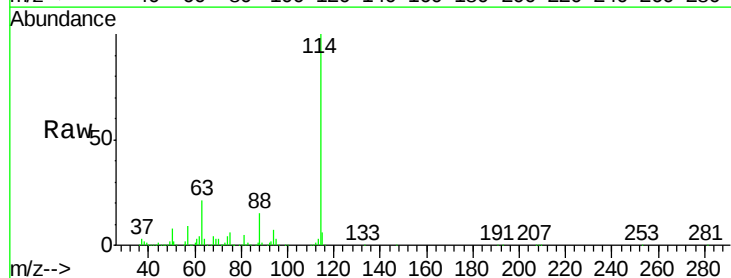
Tgt Ion: 114 Resp: 440805

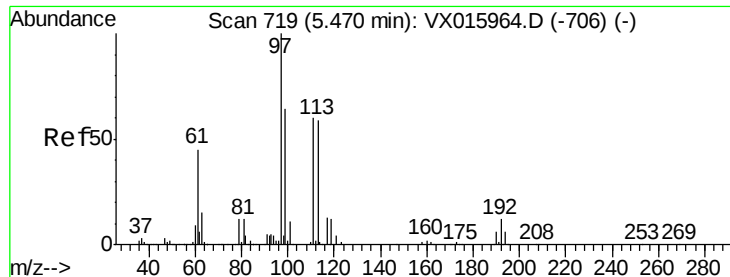
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.2

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.001 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015975.D

Acq: 29 Apr 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

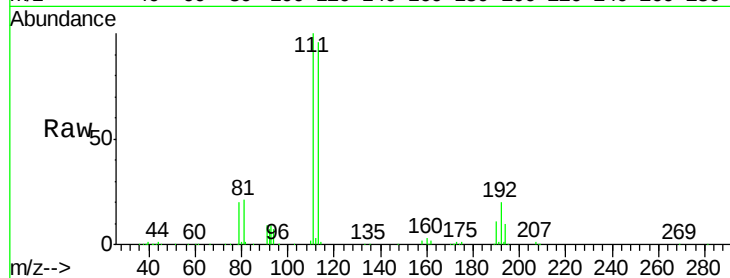
Tot Ion:113 Resp: 131992

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

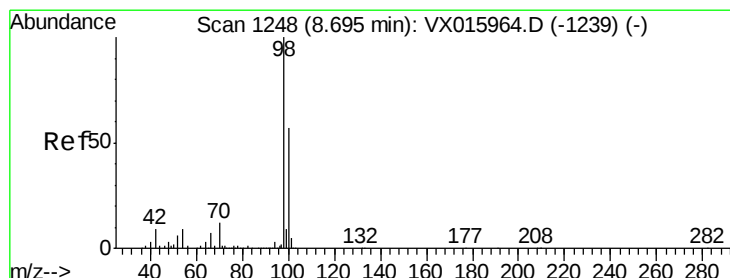
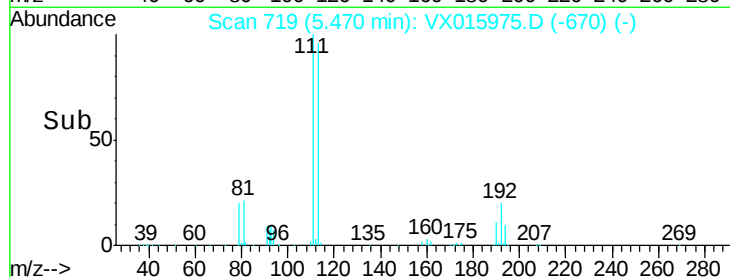
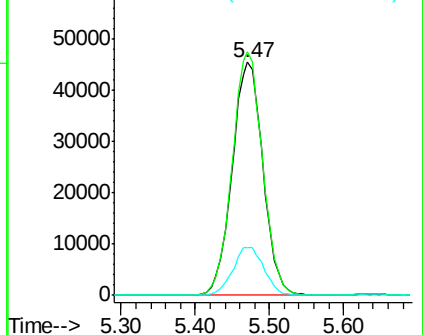
192 21.1 16.8 25.2



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: 52.551 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015975.D

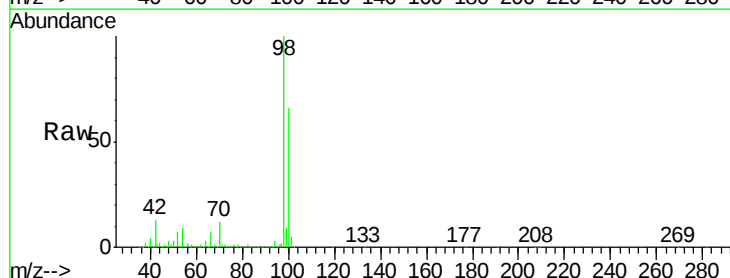
Acq: 29 Apr 2020 14:32

Tgt Ion: 98 Resp: 540279

Ion Ratio Lower Upper

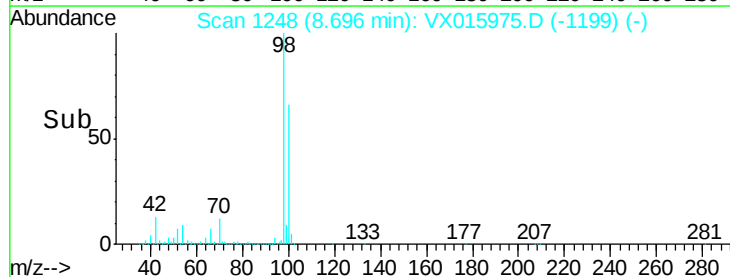
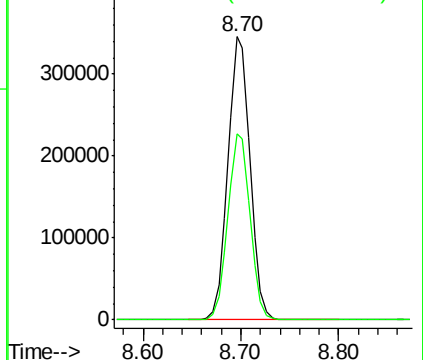
98 100

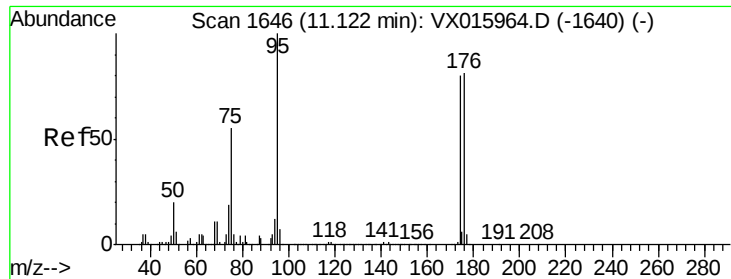
100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.900 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015975.D

Acq: 29 Apr 2020 14:32

Instrument :

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STORAGE-BLANK-SAMPLE-MANA

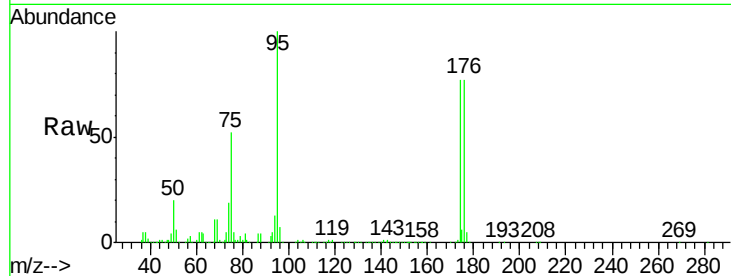
Tot Ion: 95 Resp: 217348

Ion Ratio Lower Upper

95 100

174 81.0 0.0 165.0

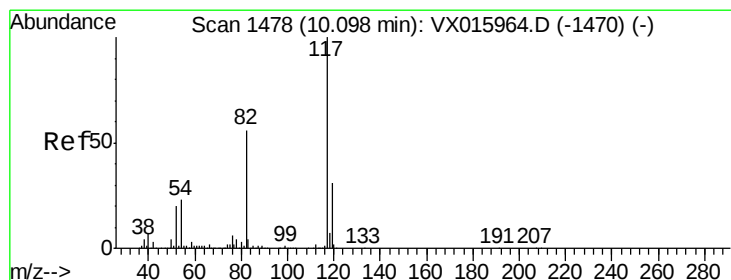
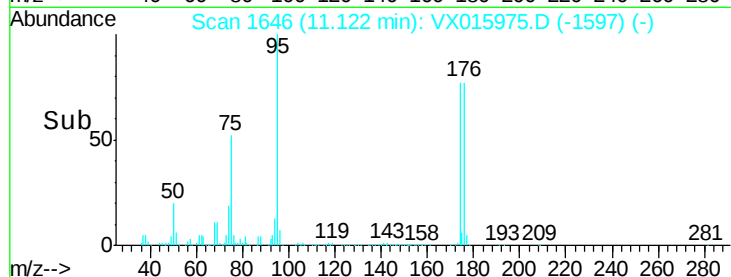
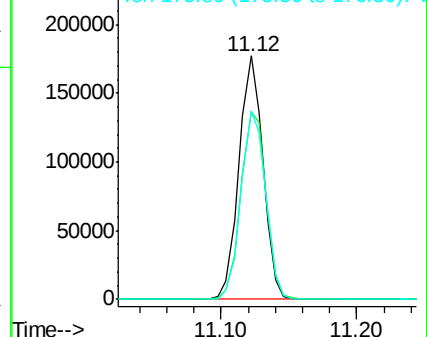
176 79.2 0.0 163.2



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: VX015975.D

Acq: 29 Apr 2020 14:32

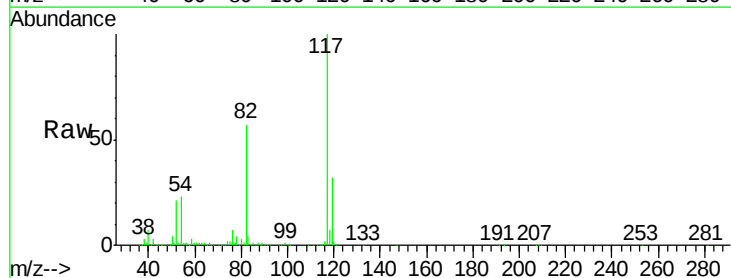
Tgt Ion: 117 Resp: 424991

Ion Ratio Lower Upper

117 100

82 56.8 44.5 66.7

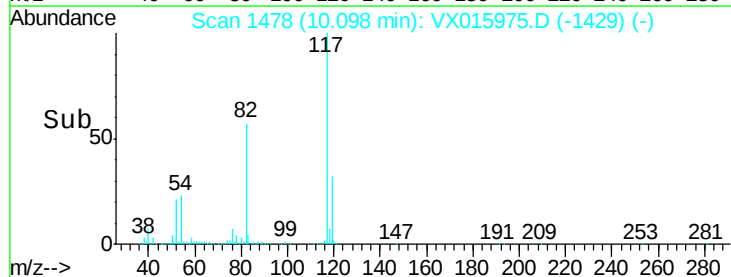
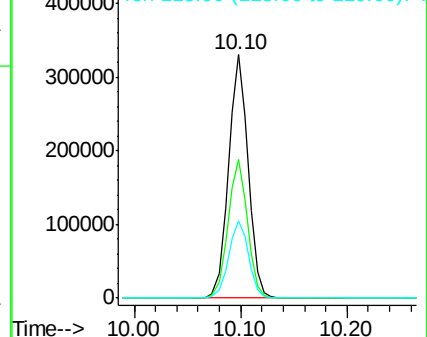
119 31.6 25.0 37.6

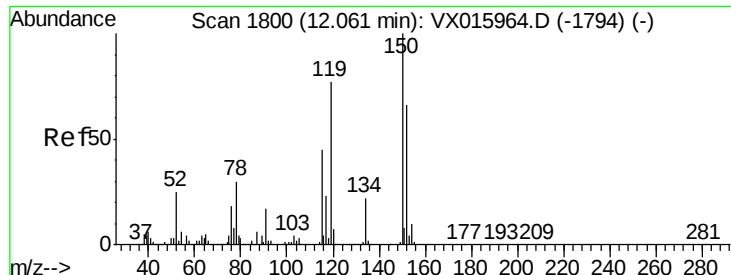


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX015975.D

Acq: 29 Apr 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tot Ion:152 Resp: 224291

Ion Ratio Lower Upper

152 100

115 58.2 40.9 122.7

150 156.4 0.0 342.4

