

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016973.D
 Acq On : 26 Jun 2020 11:19
 Operator : JC/SP
 Sample : L3020-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB_061720

Quant Time: Jun 29 04:48:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

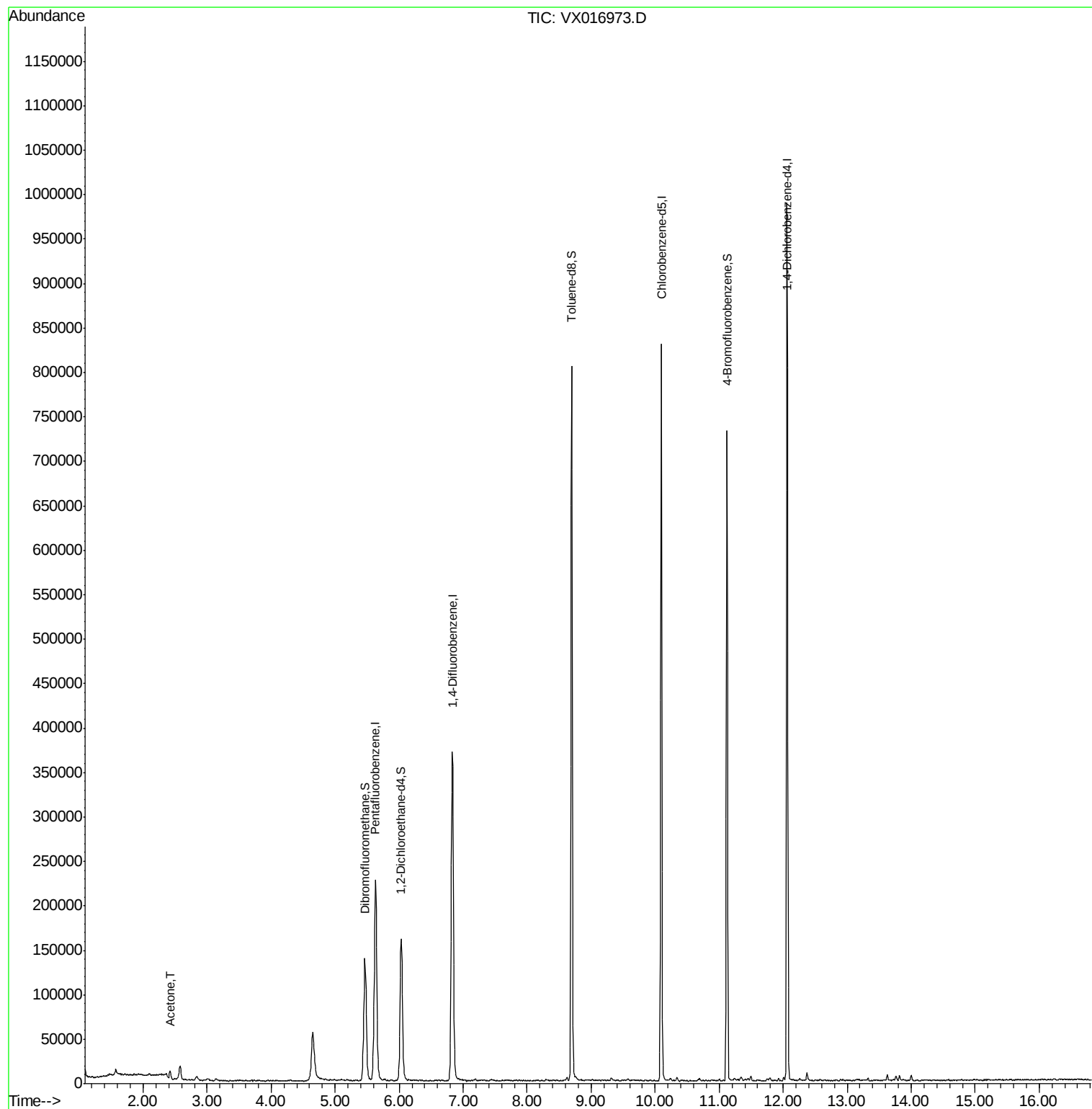
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	201372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	358982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	151804	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
35) Dibromofluoromethane	5.47	113	116762	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	8.70	98	448447	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	178091	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
Target Compounds						
16) Acetone	2.42	43	8910	7.496	ug/l	Qvalue 97

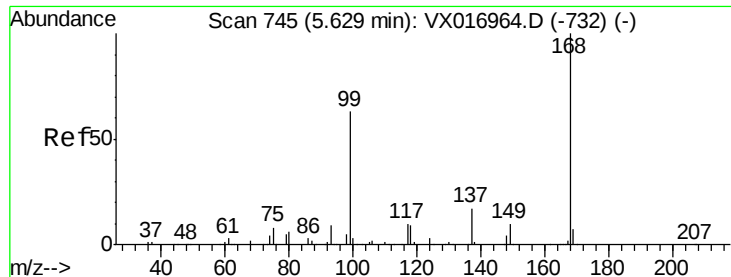
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

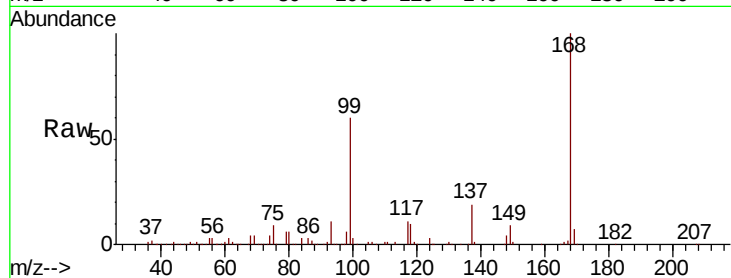
FB_061720

Tot Ion:168 Resp: 201372

Ion Ratio Lower Upper

168 100

99 60.0 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

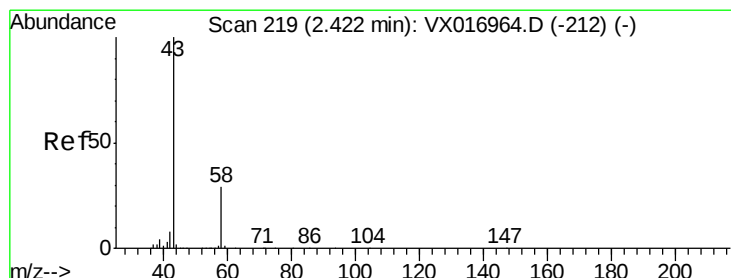
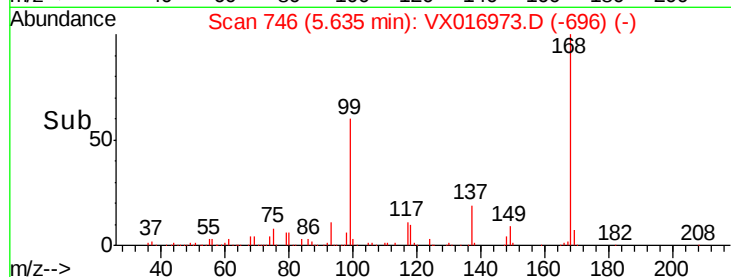
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 7.496 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016973.D

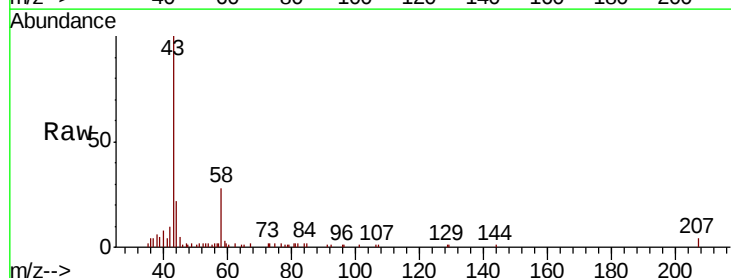
Acq: 26 Jun 2020 11:19

Tgt Ion: 43 Resp: 8910

Ion Ratio Lower Upper

43 100

58 27.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

3000

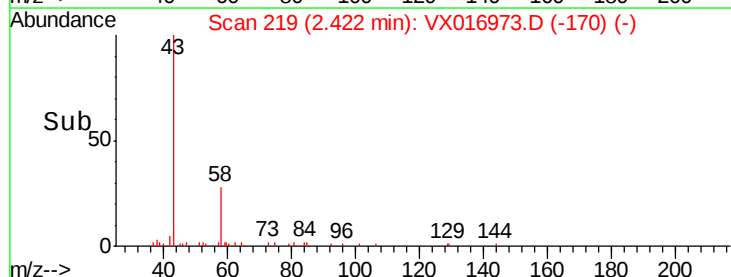
2000

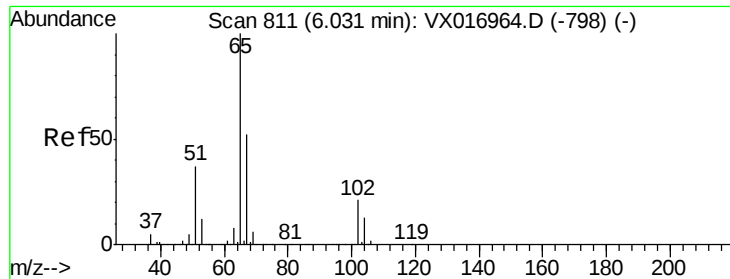
1000

0

Time-->

2.35 2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 49.920 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

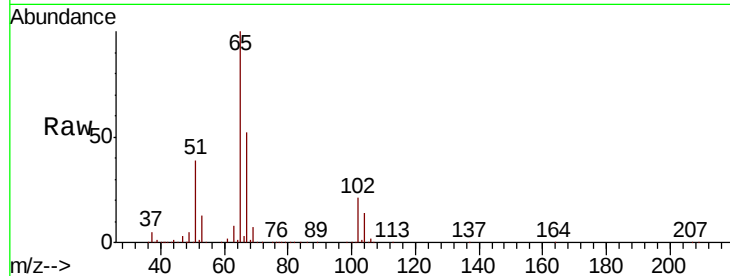
FB_061720

Tot Ion: 65 Resp: 151804

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

30000

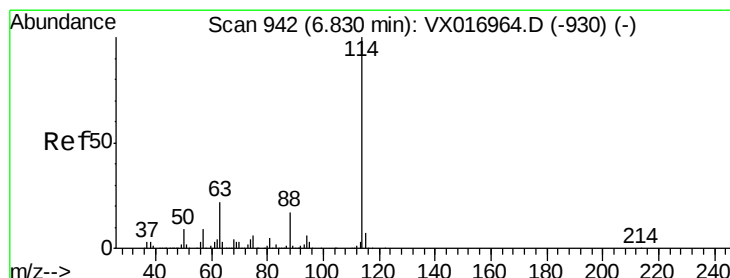
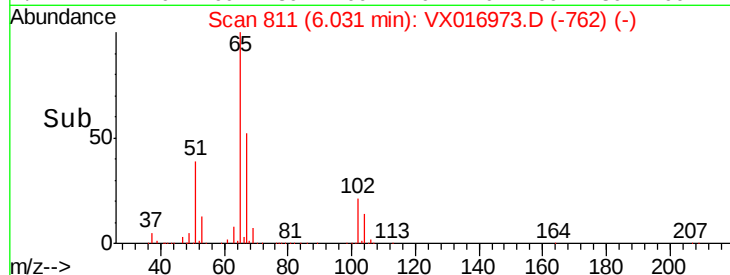
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

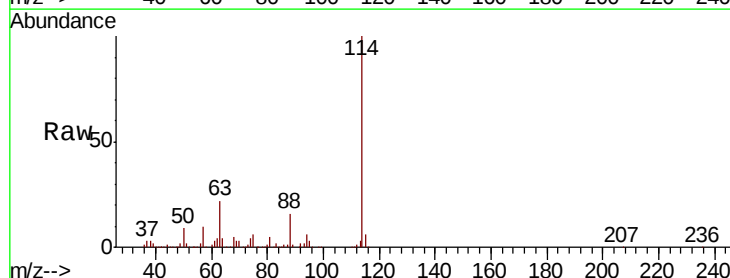
Tgt Ion: 114 Resp: 358982

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.4

88 15.9 0.0 33.2



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

200000

150000

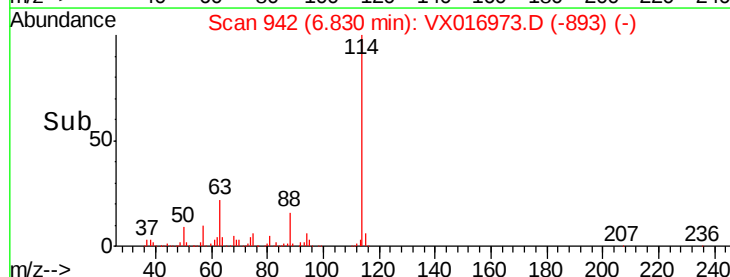
100000

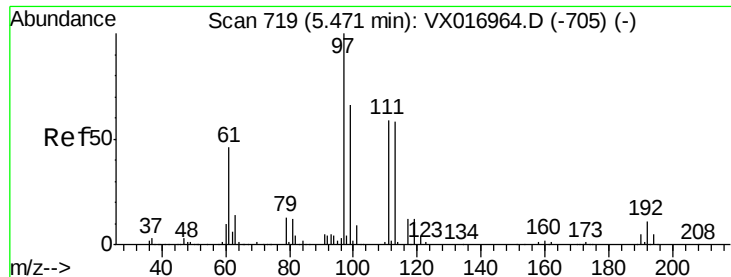
50000

0

Time-->

6.70 6.80 6.90 7.00

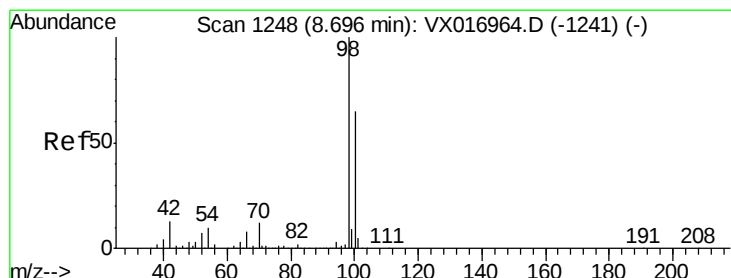
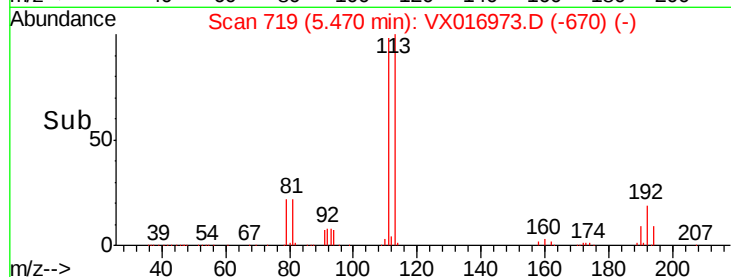
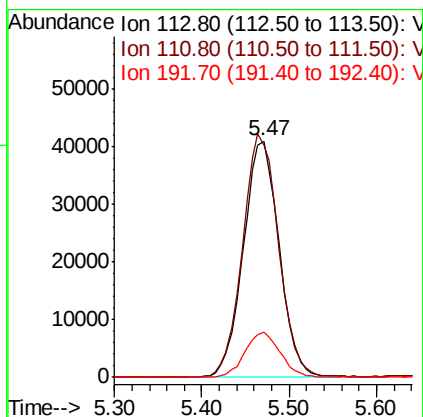
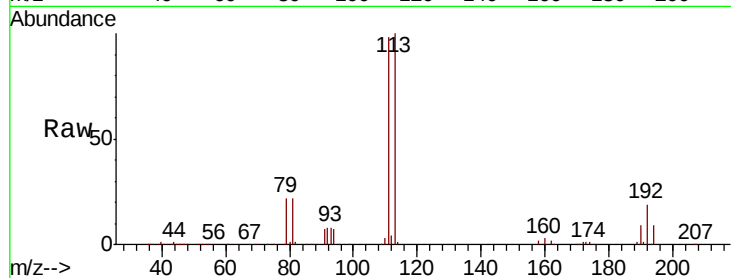




#35
 Dibromofluoromethane
 Concen: 49.246 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016973.D
 Acq: 26 Jun 2020 11:19

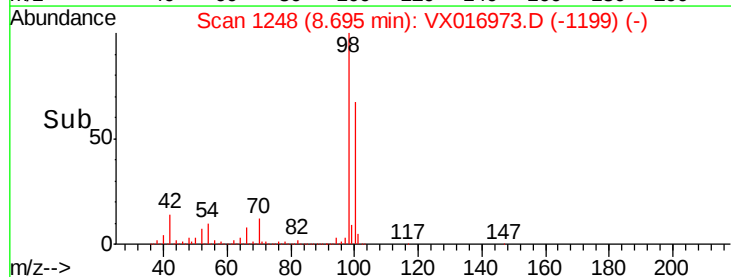
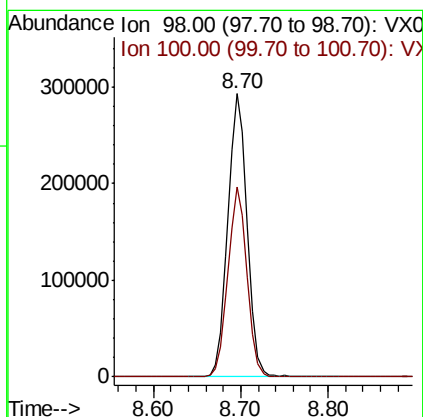
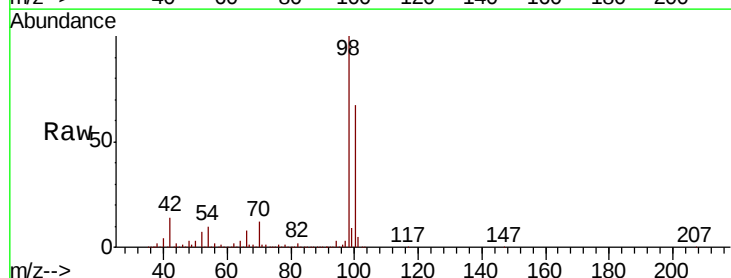
Instrument :
 MSVOA_X
 ClientSampled :
 FB_061720

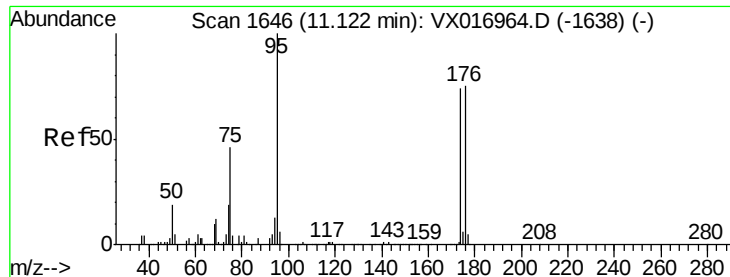
Tot Ion:113 Resp: 116762
 Ion Ratio Lower Upper
 113 100
 111 103.6 84.3 126.5
 192 19.0 15.2 22.8



#50
 Toluene-d8
 Concen: 51.599 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016973.D
 Acq: 26 Jun 2020 11:19

Tgt Ion: 98 Resp: 448447
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 52.991 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

FB_061720

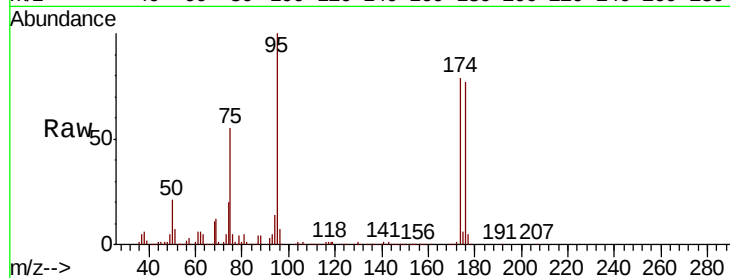
Tot Ion: 95 Resp: 178091

Ion Ratio Lower Upper

95 100

174 76.1 0.0 149.6

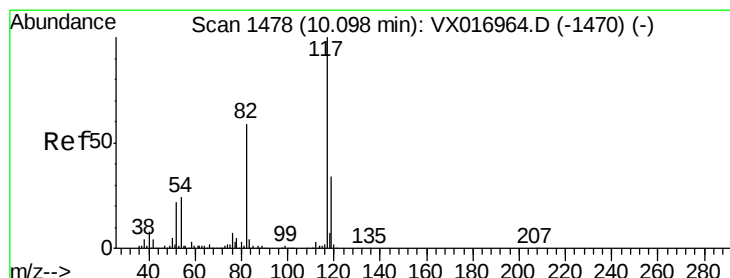
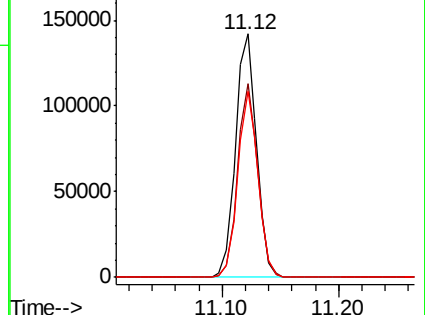
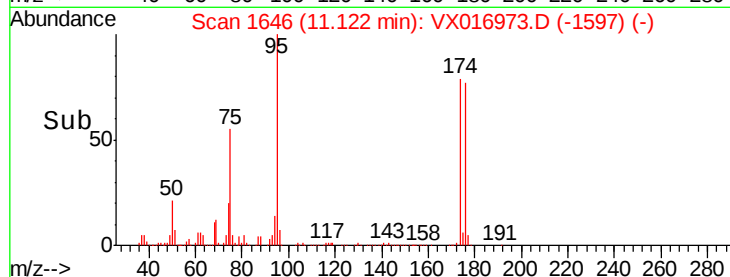
176 73.7 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VX016973.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016973.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016973.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

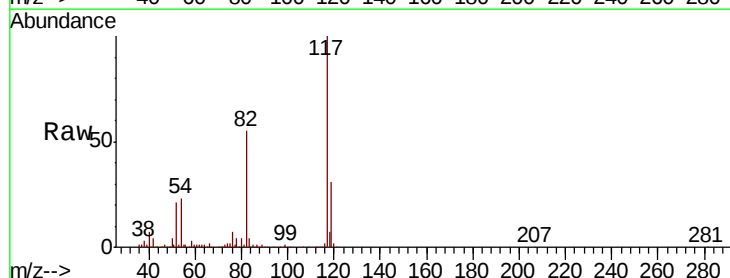
Tgt Ion: 117 Resp: 357758

Ion Ratio Lower Upper

117 100

82 54.9 46.8 70.2

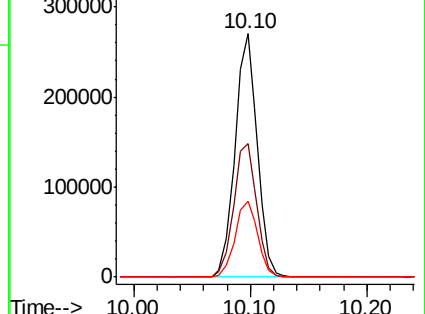
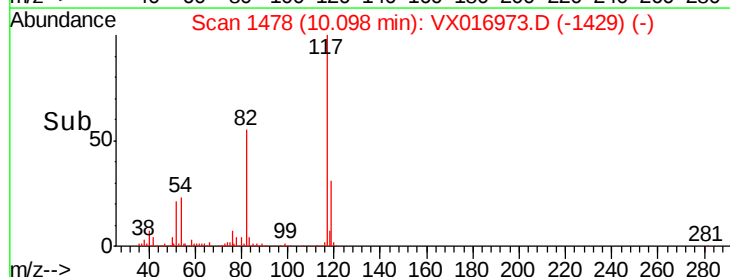
119 31.2 27.3 40.9

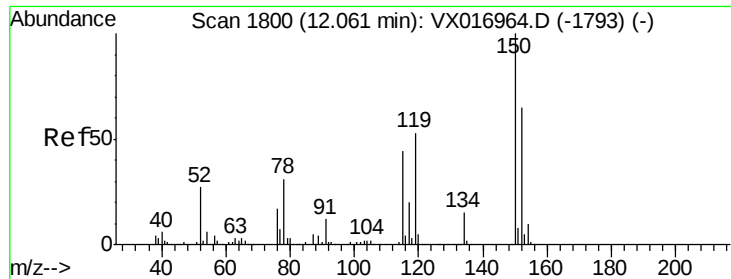


Abundance Ion 116.90 (116.60 to 117.60): VX016973.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016973.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016973.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

FB_061720

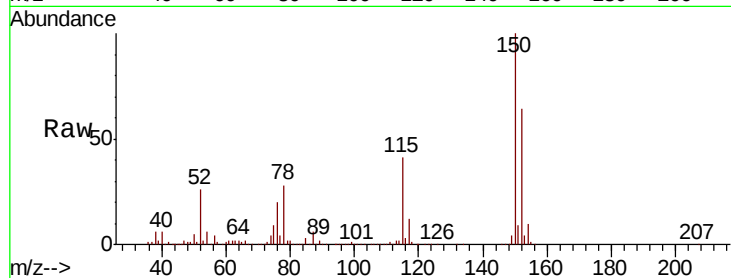
Tot Ion:152 Resp: 180693

Ion Ratio Lower Upper

152 100

115 61.5 42.8 128.4

150 157.2 0.0 347.8



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

