

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003267.D
 Acq On : 21 Jul 2020 22:27
 Operator : SY/MD
 Sample : L3351-02
 Misc : 7.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1A

Quant Time: Jul 22 04:12:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

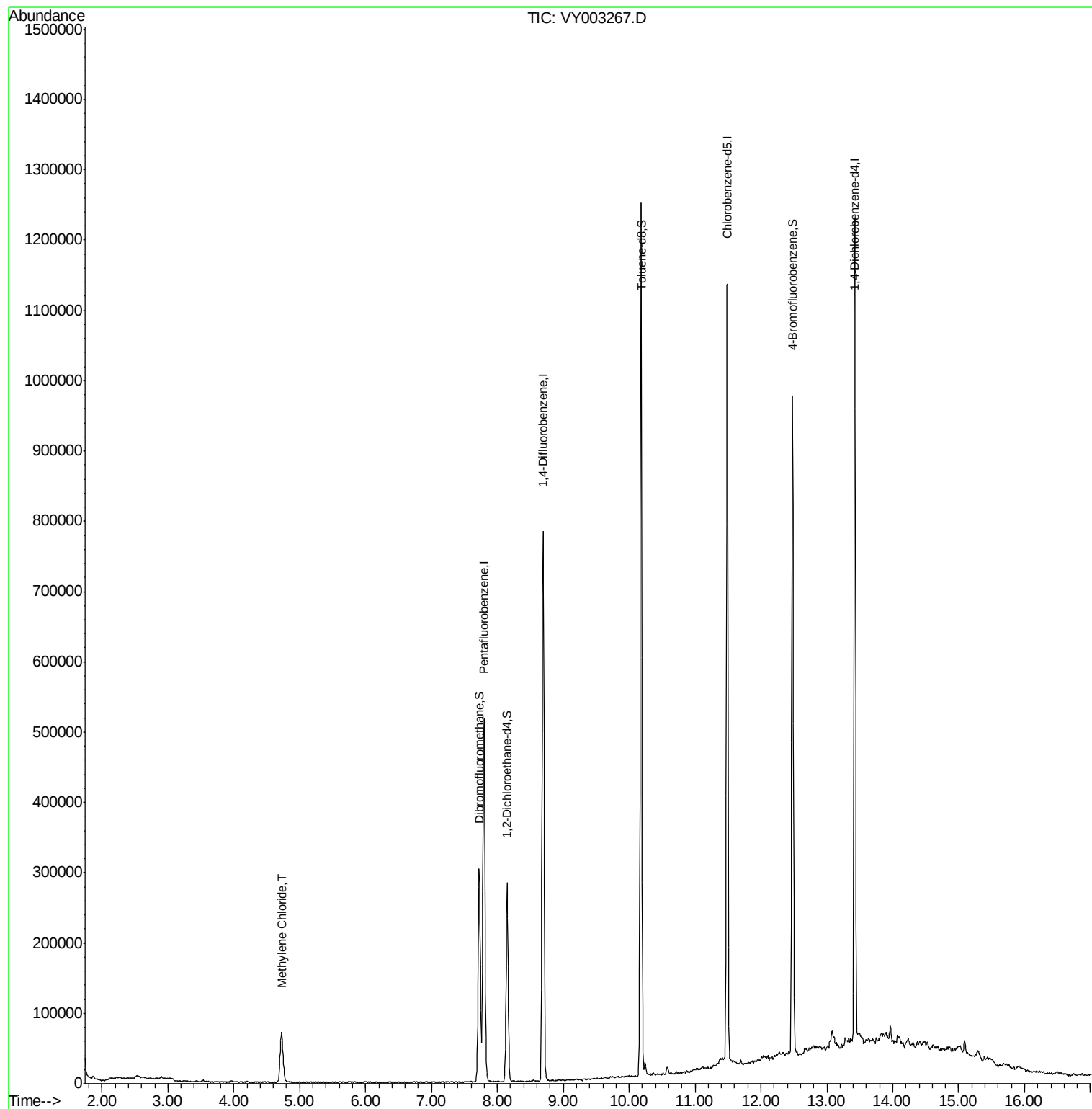
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	427279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	669796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	623863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	304910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	218495	60.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.18%	
35) Dibromofluoromethane	7.72	113	212232	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
50) Toluene-d8	10.18	98	821465	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
62) 4-Bromofluorobenzene	12.48	95	270474	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
20) Methylene Chloride	4.72	84	54630	8.969	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: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

Instrument :

MSVOA_Y

ClientSampleId :

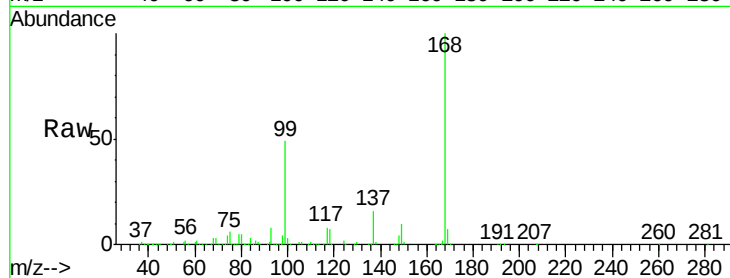
SAMPLE-1A

Tot Ion:168 Resp: 427279

Ion Ratio Lower Upper

168 100

99 49.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003267.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003267.D (-945) (-)

7.80

200000

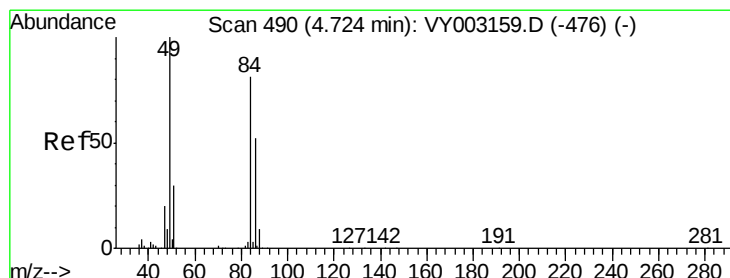
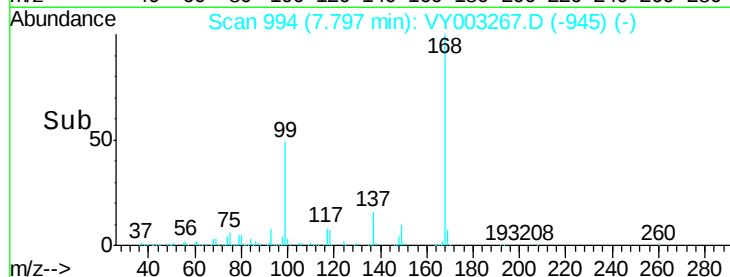
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 8.969 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

Tgt Ion: 84 Resp: 54630

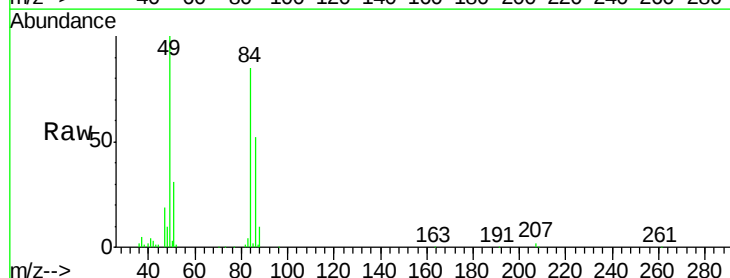
Ion Ratio Lower Upper

84 100

49 117.9 98.2 147.4

51 36.9 29.8 44.6

86 61.6 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003267.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003267.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003267.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003267.D (-441) (-)

4.72

30000

25000

20000

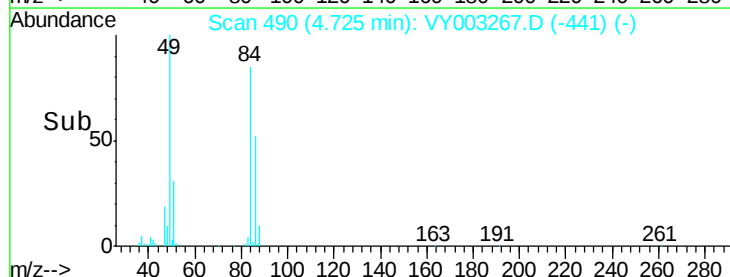
15000

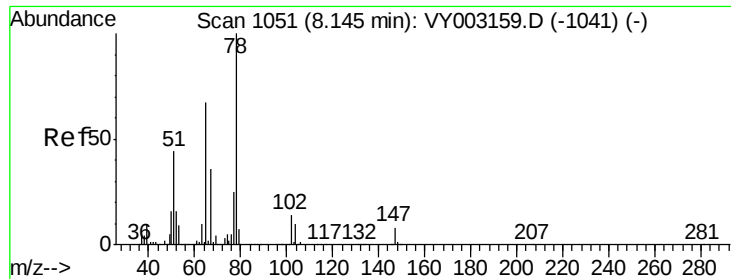
10000

5000

0

Time-->

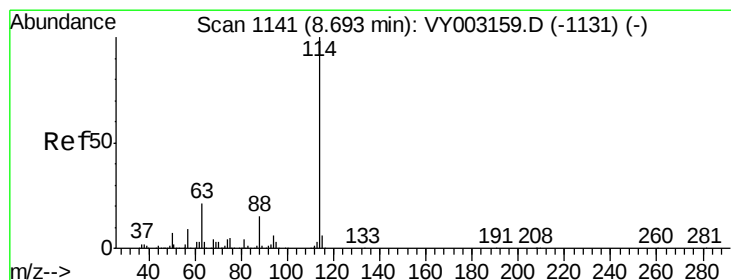
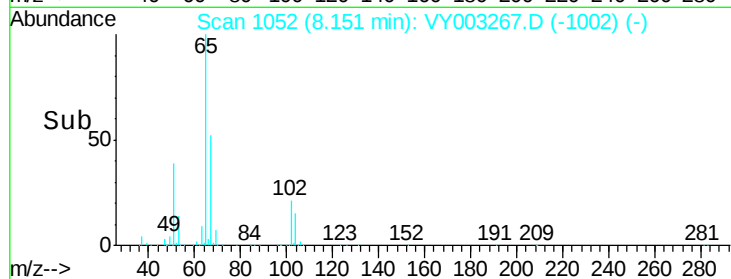
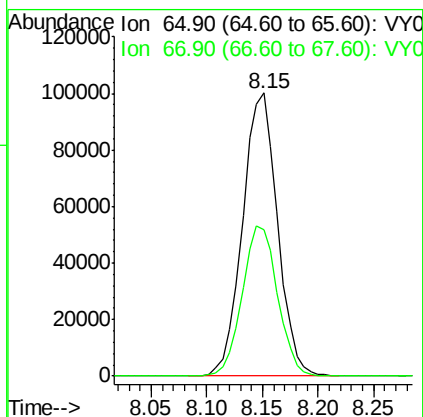
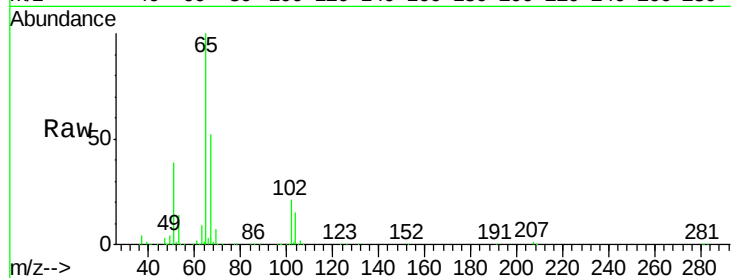




#33
 1,2-Dichloroethane-d4
 Concen: 60.586 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003267.D
 Acq: 21 Jul 2020 22:27

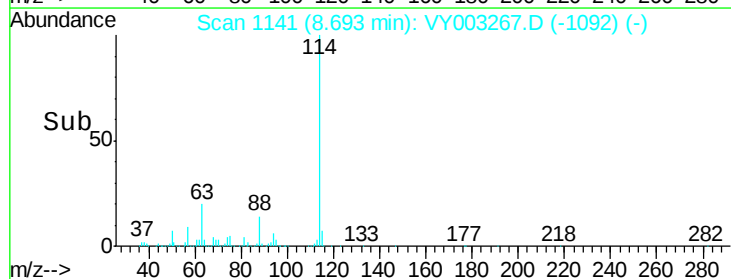
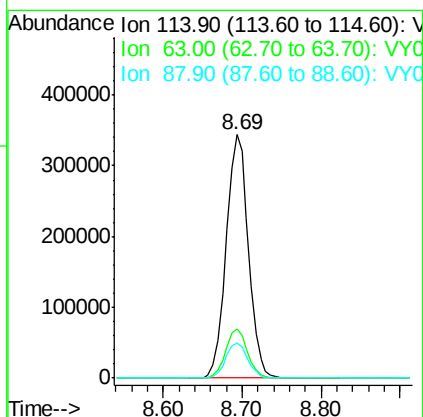
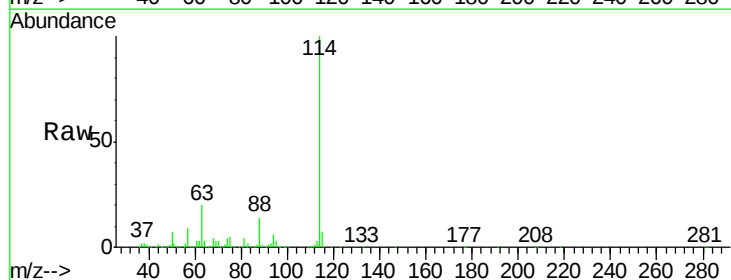
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1A

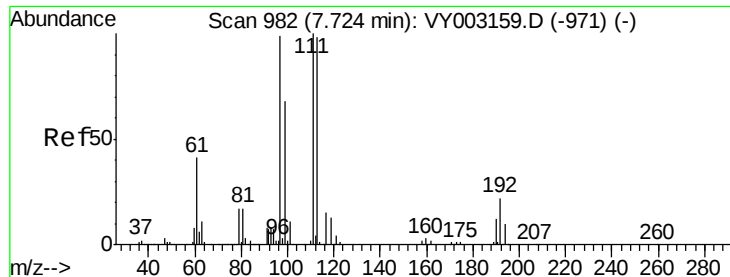
Tot Ion: 65 Resp: 218495
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003267.D
 Acq: 21 Jul 2020 22:27

Tgt Ion: 114 Resp: 669796
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 14.5 0.0 30.2

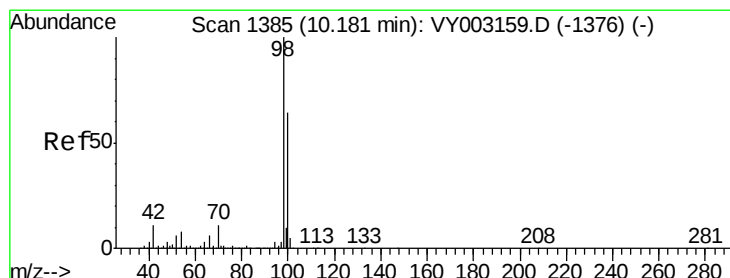
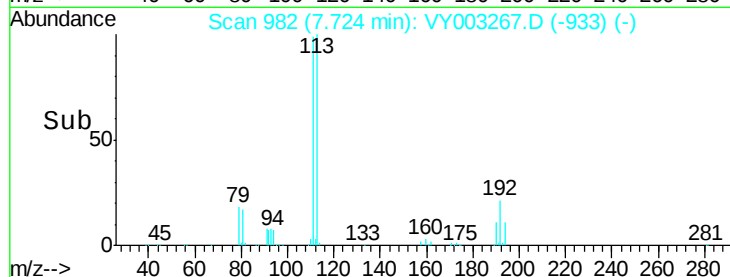
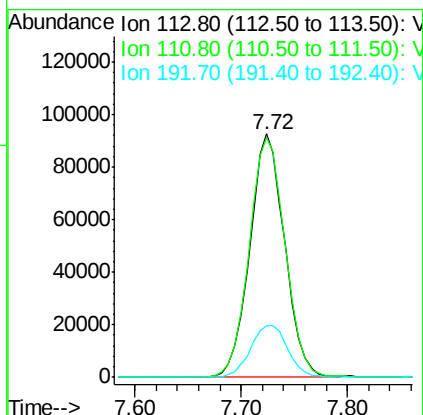
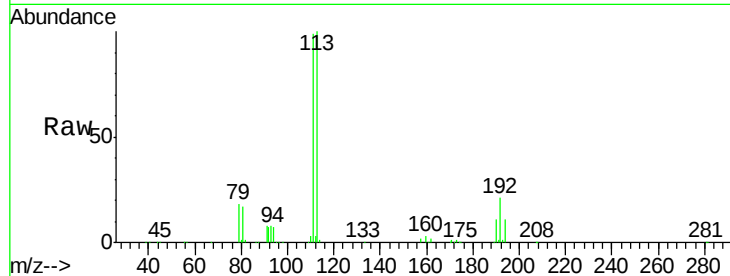




#35
Dibromofluoromethane
Concen: 55.061 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003267.D
Acq: 21 Jul 2020 22:27

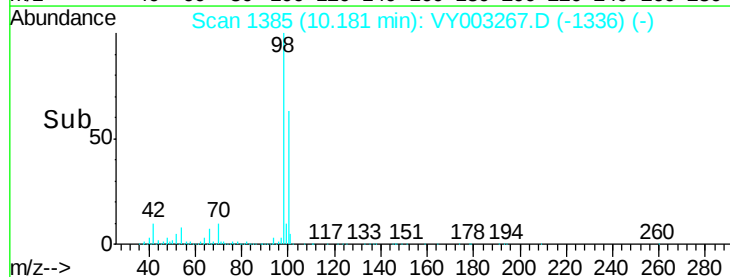
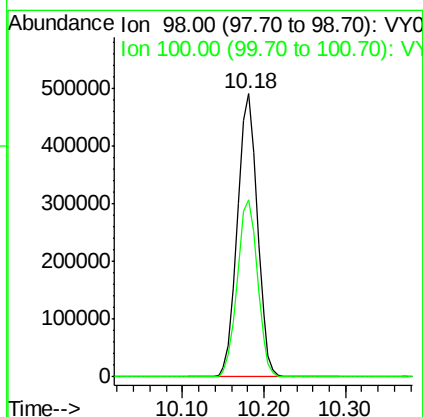
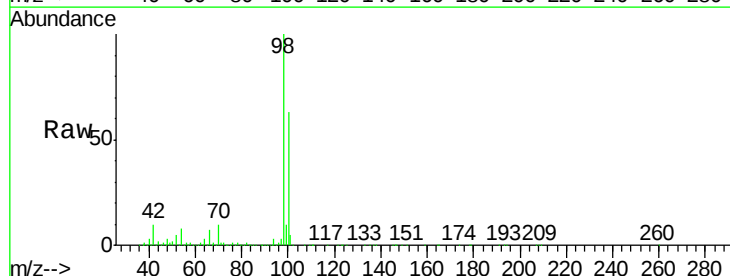
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1A

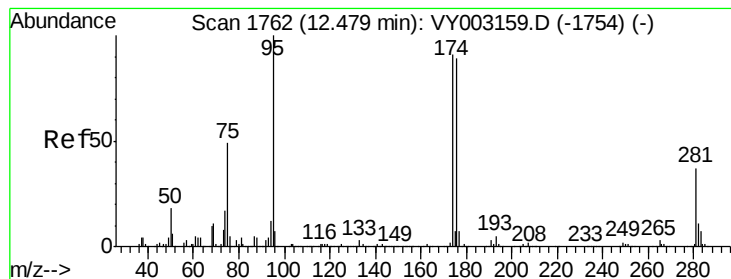
Tot Ion:113 Resp: 212232
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 22.8 18.8 28.2



#50
Toluene-d8
Concen: 57.323 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003267.D
Acq: 21 Jul 2020 22:27

Tgt Ion: 98 Resp: 821465
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 52.245 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1A

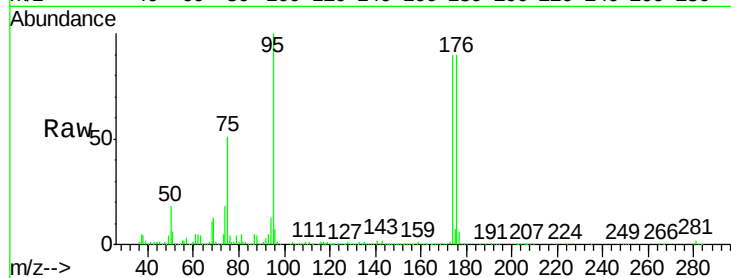
Tot Ion: 95 Resp: 270474

Ion Ratio Lower Upper

95 100

174 93.5 0.0 190.6

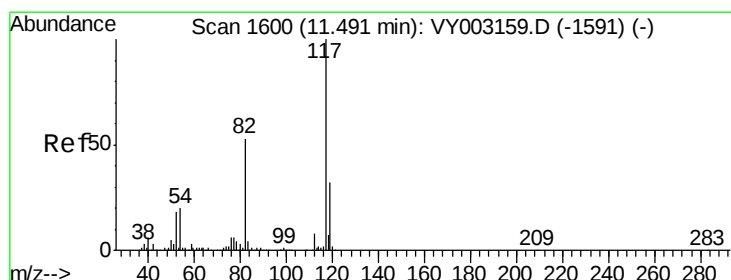
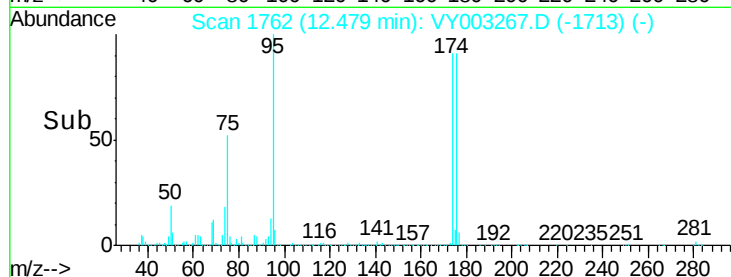
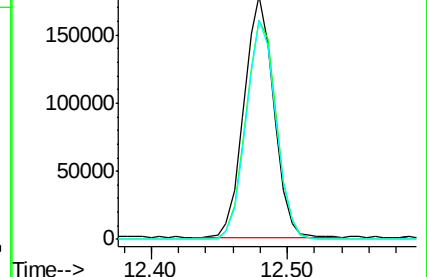
176 91.3 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003159.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003159.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003159.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003267.D

Acq: 21 Jul 2020 22:27

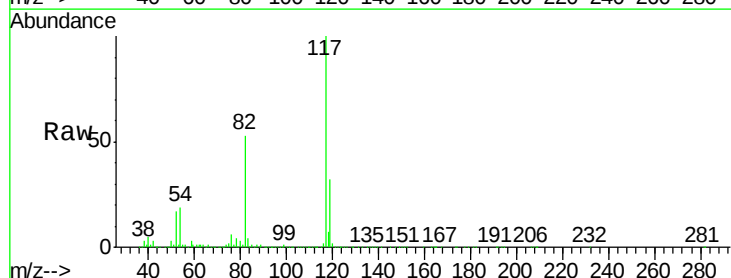
Tgt Ion: 117 Resp: 623863

Ion Ratio Lower Upper

117 100

82 52.7 42.0 63.0

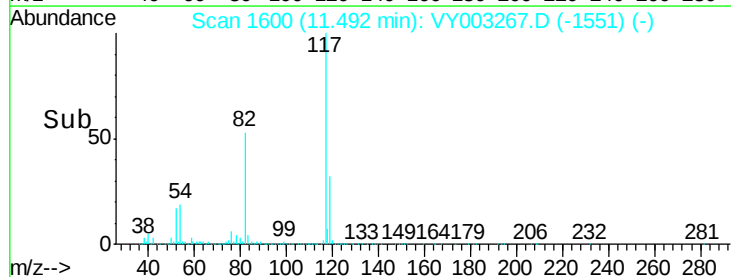
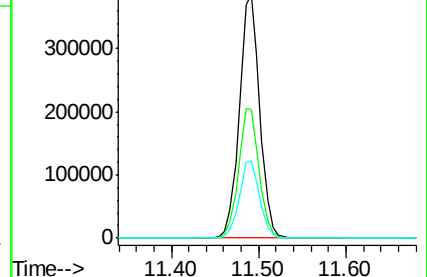
119 31.9 25.5 38.3

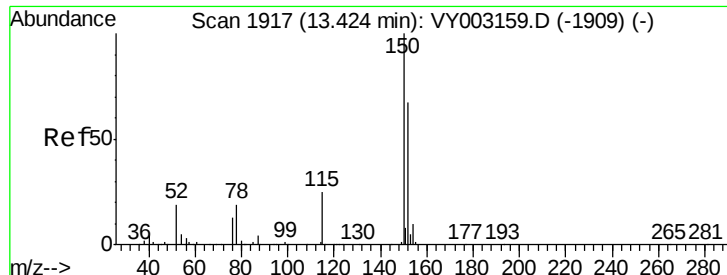


Abundance Ion 116.90 (116.60 to 117.60): VY003159.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003159.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003159.D (-1591) (-)



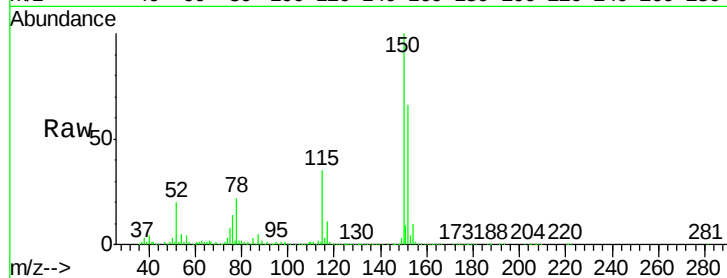


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003267.D
 Acq: 21 Jul 2020 22:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1A

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.9	80.7
150	153.9	0.0	338.0



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

