

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003359.D
 Acq On : 27 Jul 2020 16:39
 Operator : SY/MD
 Sample : L3435-02
 Misc : 8.26G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Jul 28 05:30:35 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

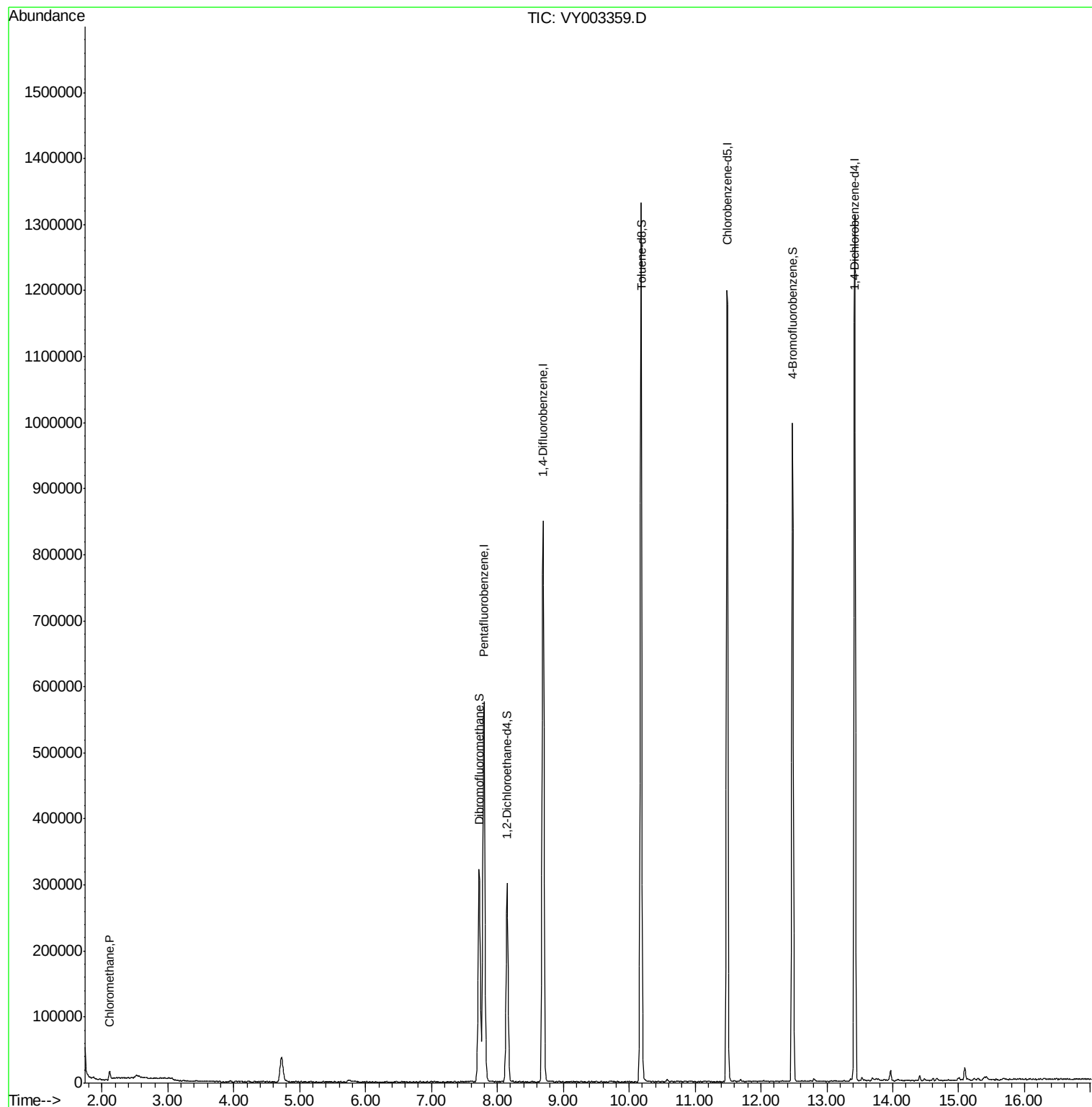
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	469760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	732207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	676975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	338569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	235669	59.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.88%	
35) Dibromofluoromethane	7.72	113	226871	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
50) Toluene-d8	10.18	98	890533	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
62) 4-Bromofluorobenzene	12.48	95	290620	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
Target Compounds						
3) Chloromethane	2.12	50	10721	2.296	ug/l	Qvalue 97

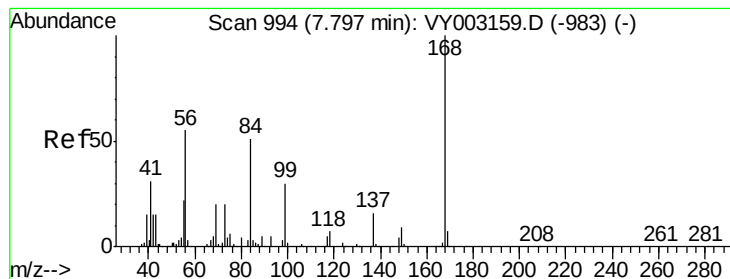
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003359.D

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MSVOA_Y

ClientSampleId :

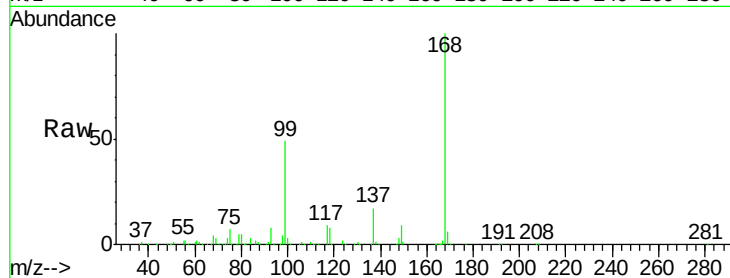
SP-1

Tot Ion:168 Resp: 469760

Ion Ratio Lower Upper

168 100

99 49.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003359.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003359.D (-983) (-)

7.80

250000

200000

150000

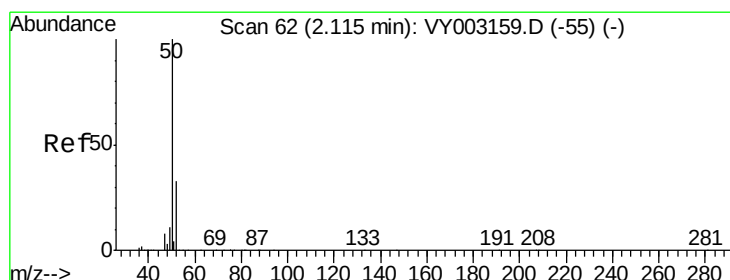
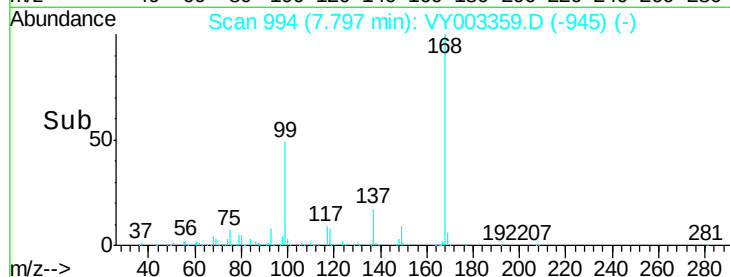
100000

50000

0

7.70 7.80 7.90

Time-->



#3

Chloromethane

Concen: 2.296 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003359.D

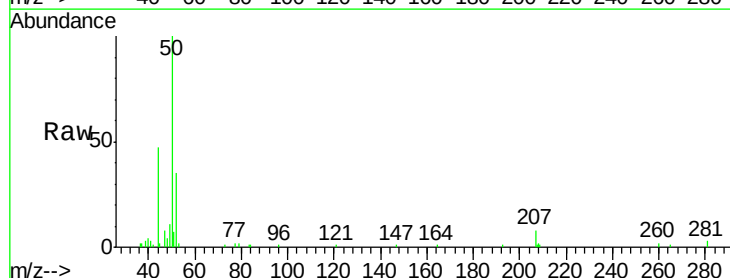
Acq: 27 Jul 2020 16:39

Tgt Ion: 50 Resp: 10721

Ion Ratio Lower Upper

50 100

52 35.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003359.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY003359.D (-55) (-)

2.12

8000

6000

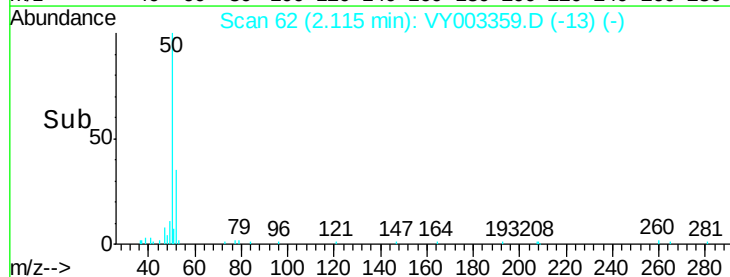
4000

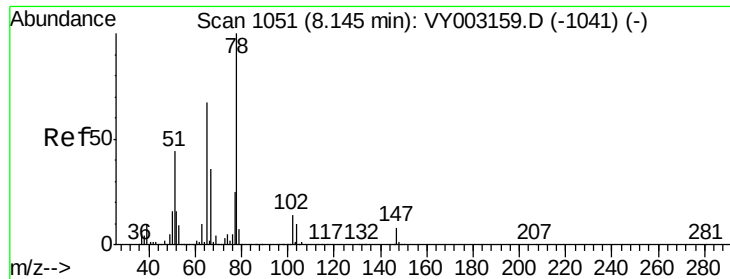
2000

0

2.05 2.10 2.15 2.20

Time-->

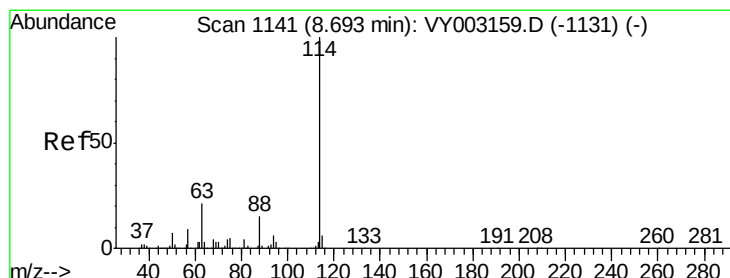
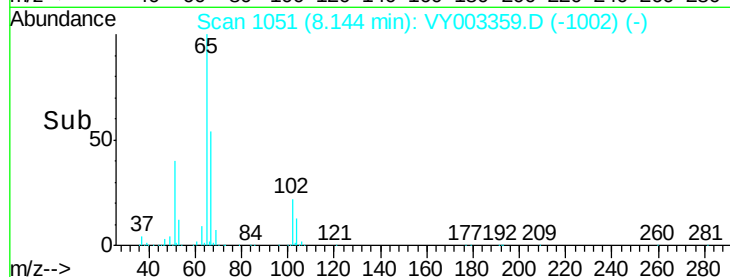
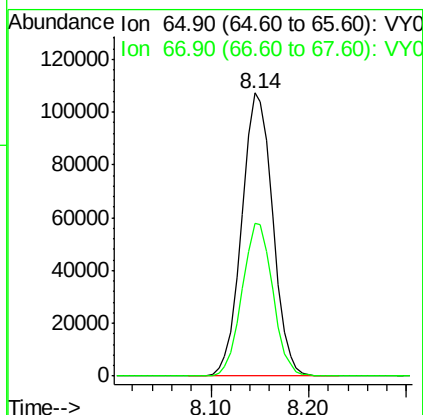
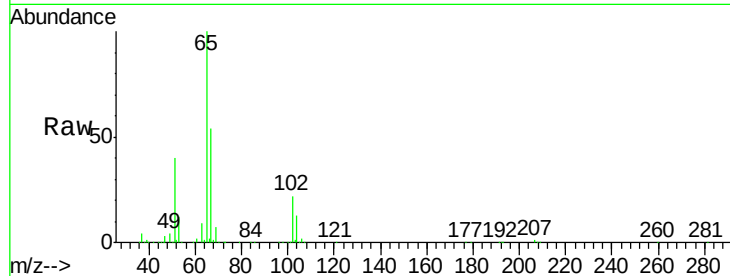




#33
 1,2-Dichloroethane-d4
 Concen: 59.438 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003359.D
 Acq: 27 Jul 2020 16:39

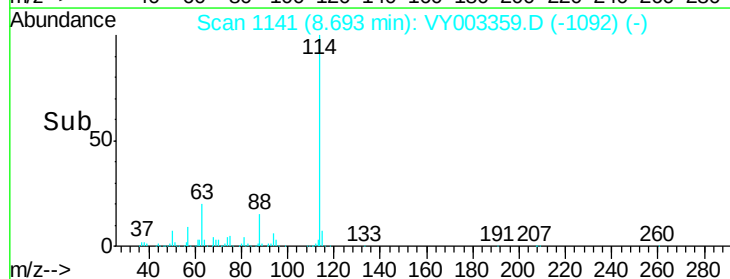
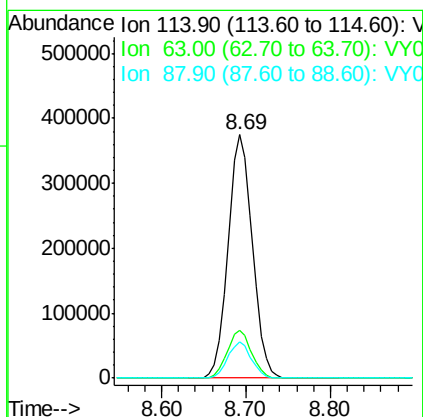
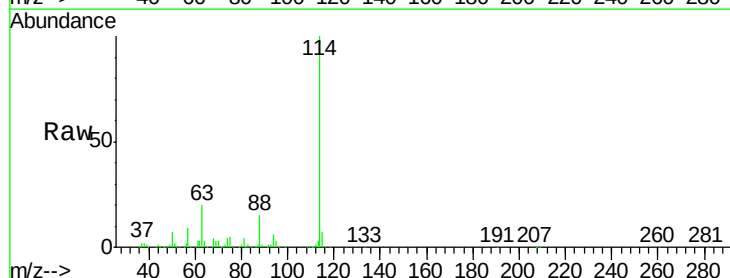
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

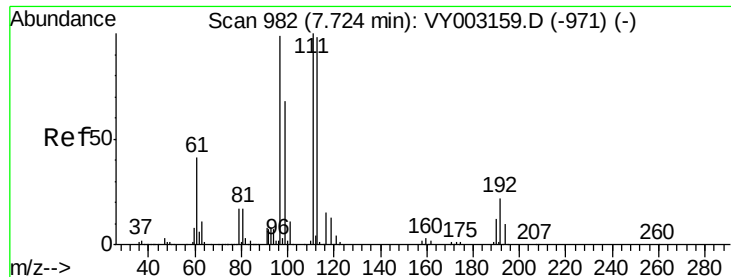
Tot Ion: 65 Resp: 235669
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003359.D
 Acq: 27 Jul 2020 16:39

Tgt Ion: 114 Resp: 732207
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.2
 88 15.1 0.0 30.2

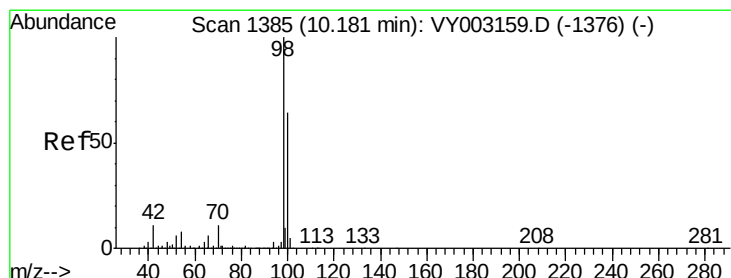
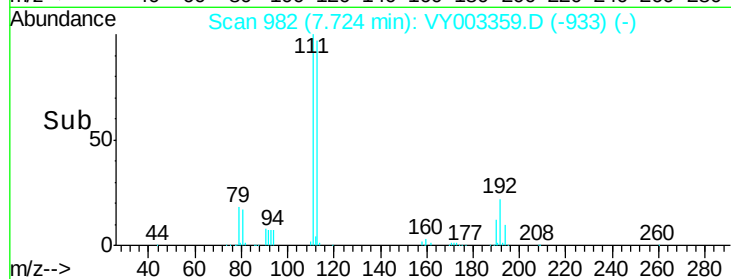
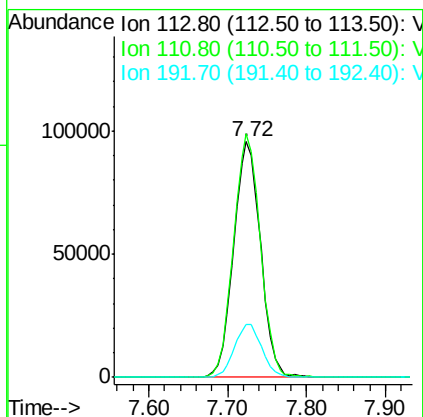
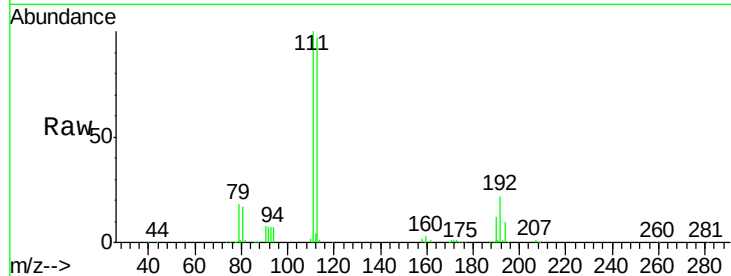




#35
Dibromofluoromethane
Concen: 53.842 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003359.D
Acq: 27 Jul 2020 16:39

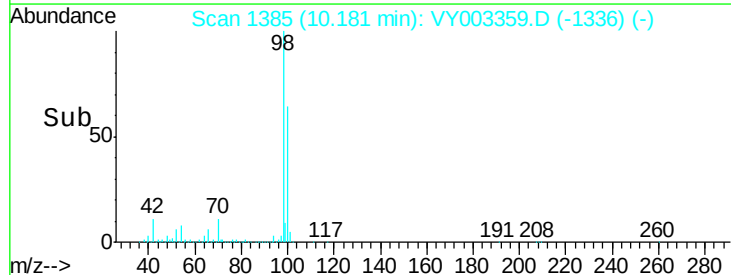
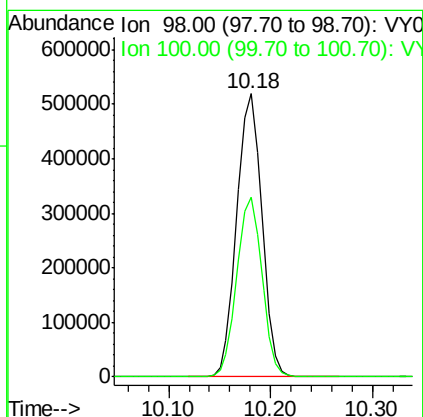
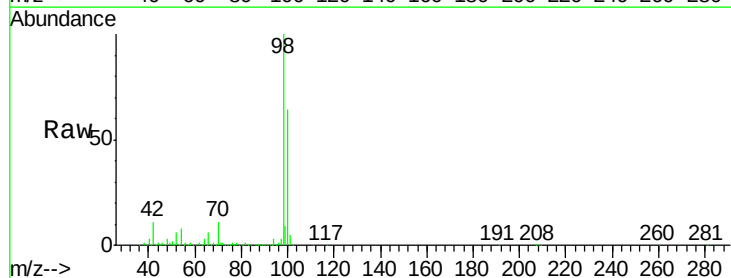
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

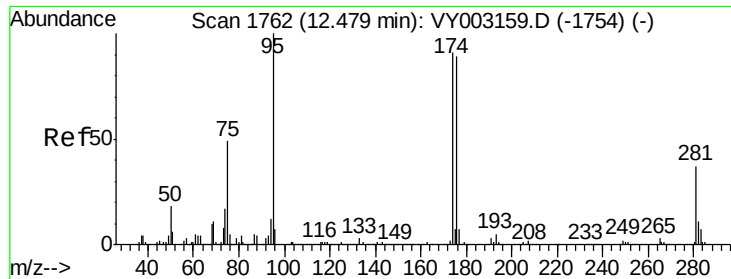
Tot Ion:113 Resp: 226871
Ion Ratio Lower Upper
113 100
111 102.8 82.1 123.1
192 22.9 18.8 28.2



#50
Toluene-d8
Concen: 56.846 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003359.D
Acq: 27 Jul 2020 16:39

Tgt Ion: 98 Resp: 890533
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 51.352 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003359.D

Acq: 27 Jul 2020 16:39

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

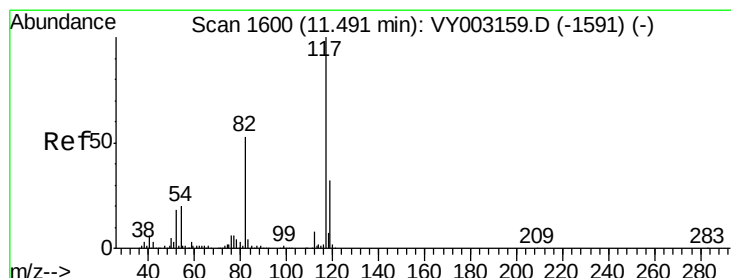
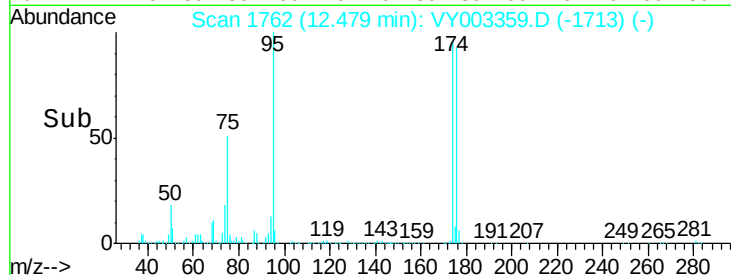
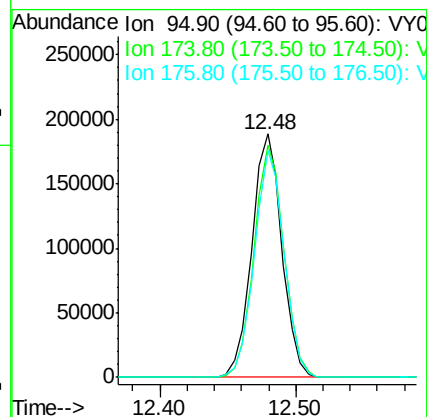
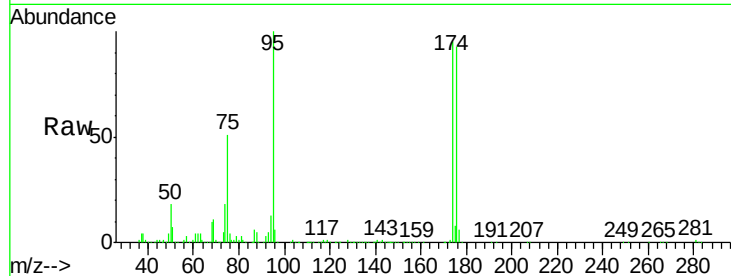
Tot Ion: 95 Resp: 290620

Ion Ratio Lower Upper

95 100

174 95.6 0.0 190.6

176 92.3 0.0 186.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003359.D

Acq: 27 Jul 2020 16:39

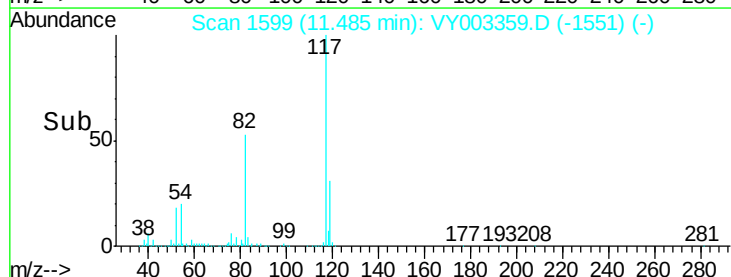
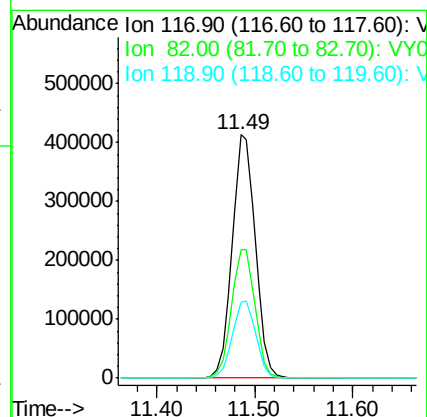
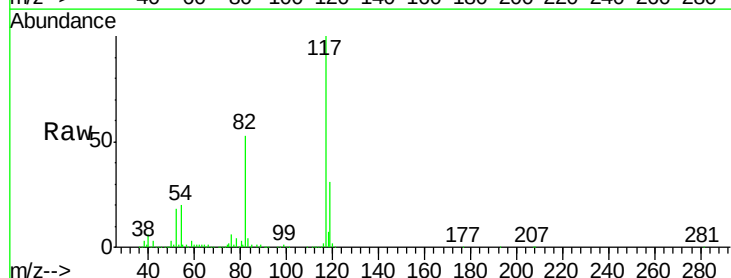
Tgt Ion: 117 Resp: 676975

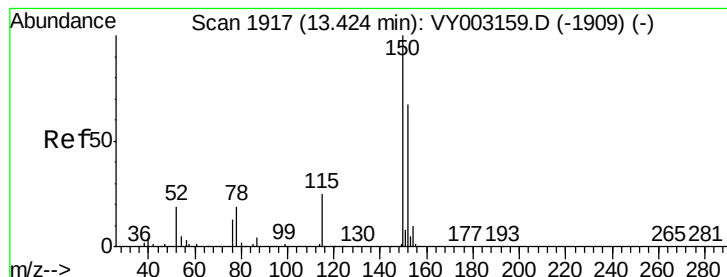
Ion Ratio Lower Upper

117 100

82 52.8 42.0 63.0

119 31.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003359.D

Acq: 27 Jul 2020 16:39

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

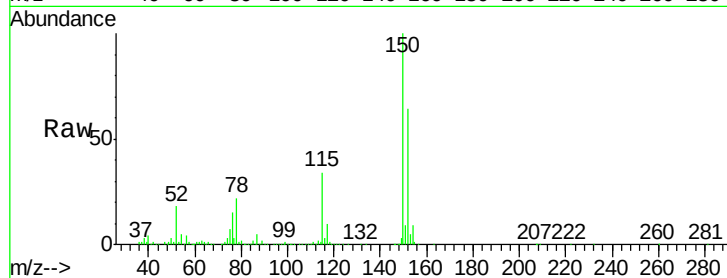
Tot Ion:152 Resp: 338569

Ion Ratio Lower Upper

152 100

115 53.4 26.9 80.7

150 154.4 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

