

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003235.D
 Acq On : 20 Jul 2020 16:35
 Operator : SY/MD
 Sample : L3308-09RE
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9RE

Quant Time: Jul 21 04:41:20 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

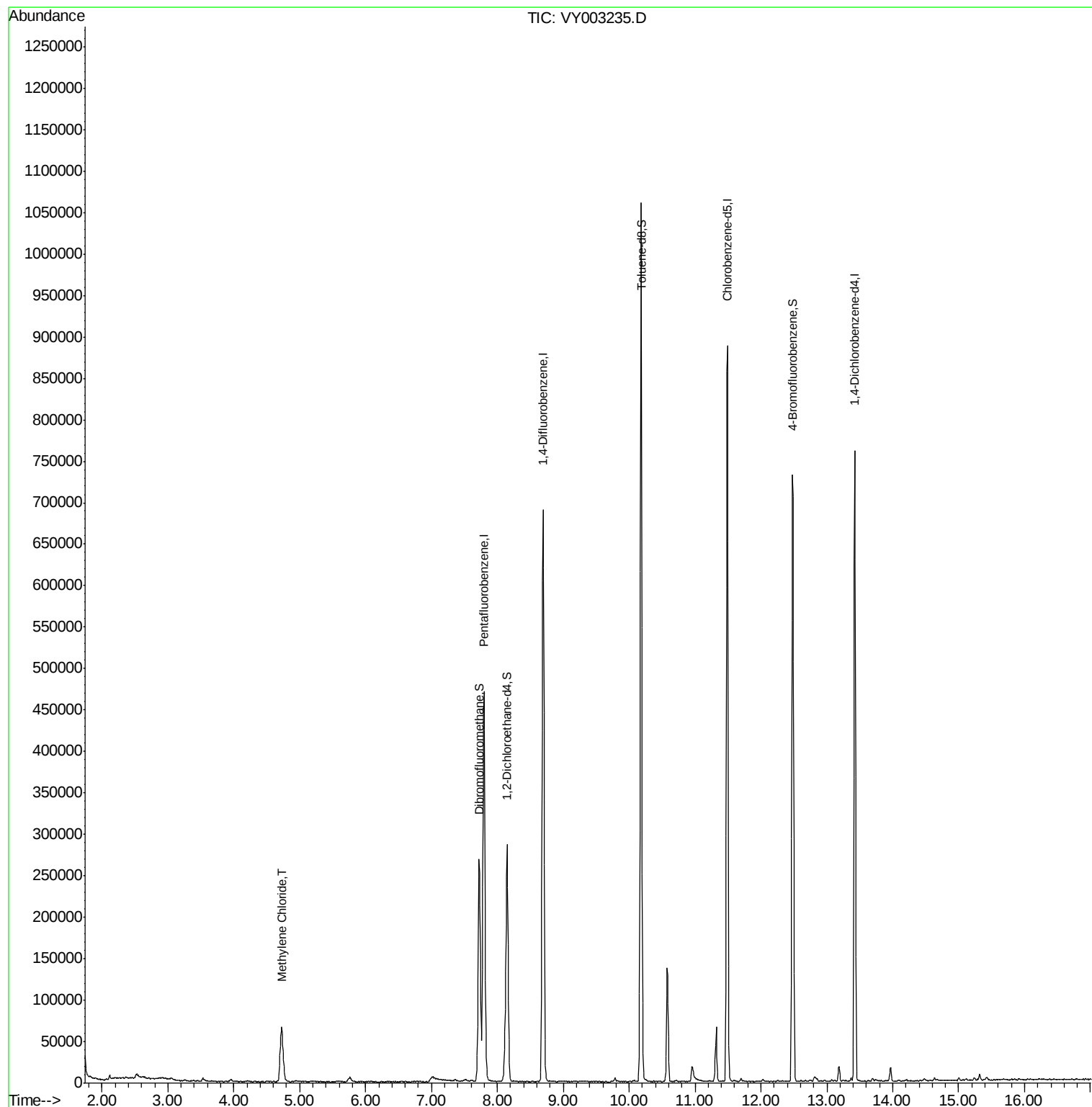
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	381541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	572713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	481800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	211166	65.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.14%	
35) Dibromofluoromethane	7.72	113	188376	57.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.32%	
50) Toluene-d8	10.18	98	678701	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
62) 4-Bromofluorobenzene	12.48	95	197877	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
20) Methylene Chloride	4.73	84	50844	9.609	ug/l	Qvalue 97

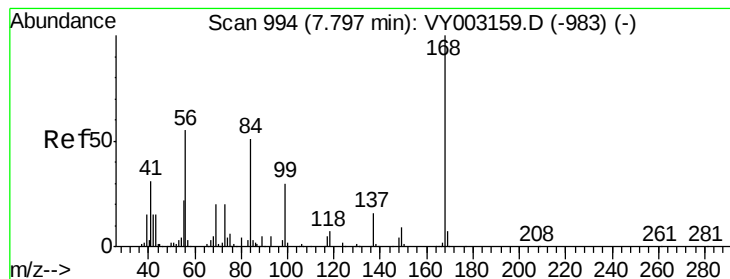
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003235.D

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MSVOA_Y

ClientSampleId :

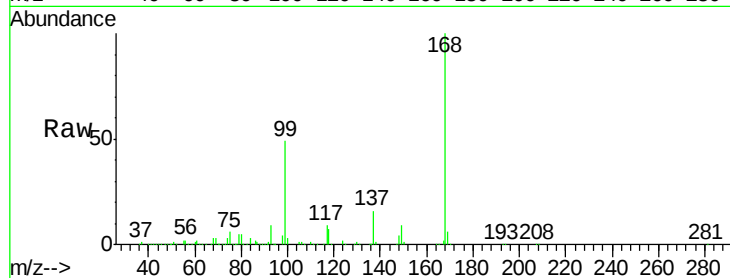
9RE

Tot Ion:168 Resp: 381541

Ion Ratio Lower Upper

168 100

99 49.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003235.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003235.D (-945) (-)

7.80

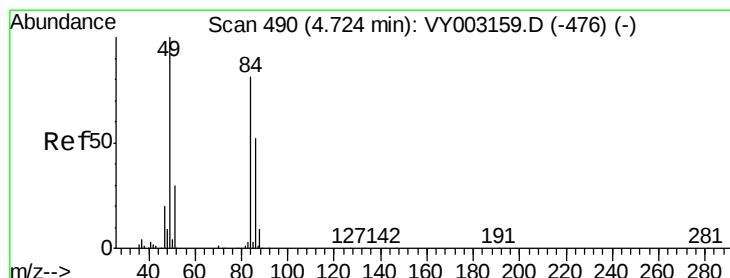
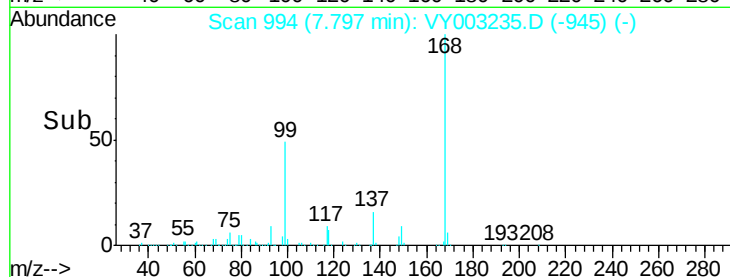
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.609 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003235.D

Acq: 20 Jul 2020 16:35

Tgt Ion: 84 Resp: 50844

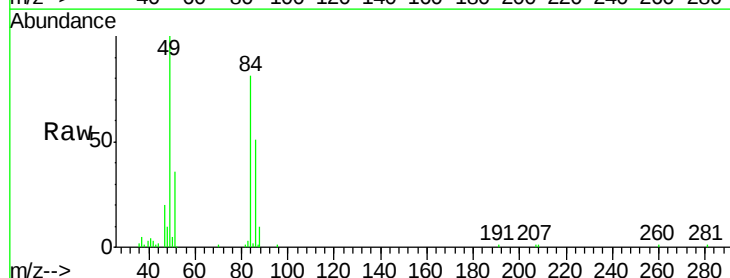
Ion Ratio Lower Upper

84 100

49 123.3 98.2 147.4

51 44.2 29.8 44.6

86 62.3 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003235.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003235.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003235.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003235.D (-441) (-)

4.73

30000

25000

20000

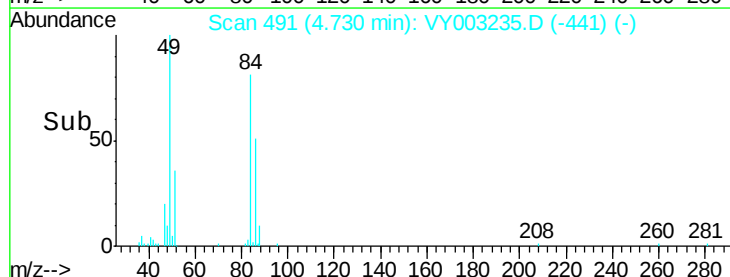
15000

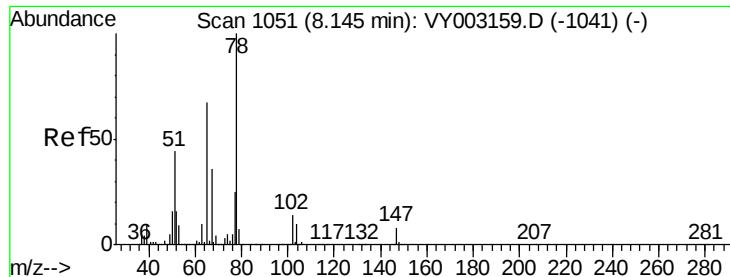
10000

5000

0

Time-->

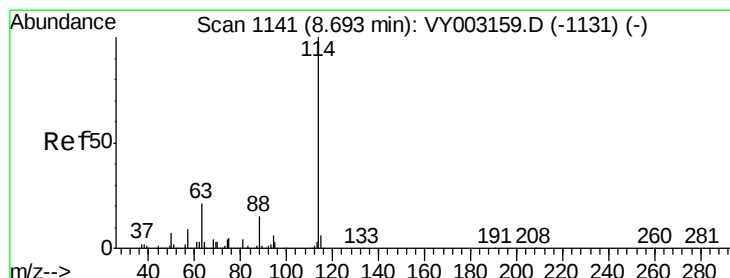
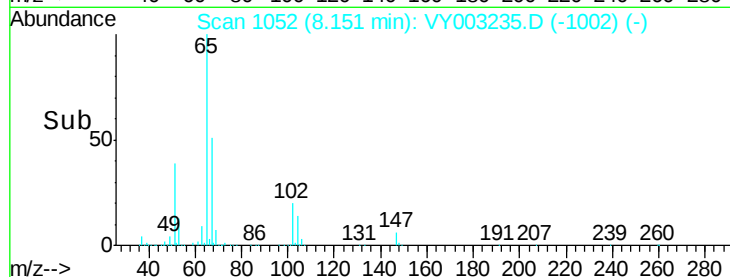
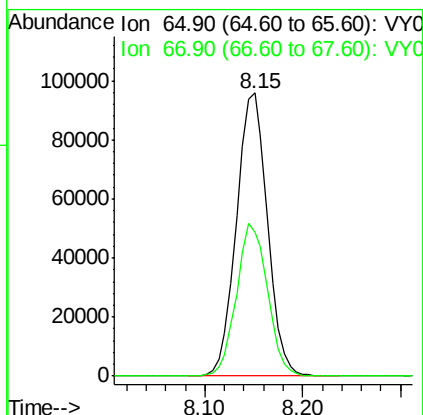
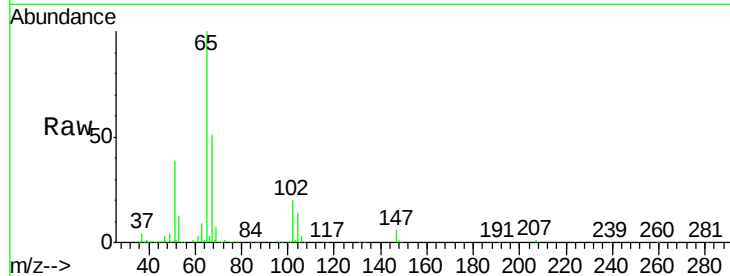




#33
 1,2-Dichloroethane-d4
 Concen: 65.573 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003235.D
 Acq: 20 Jul 2020 16:35

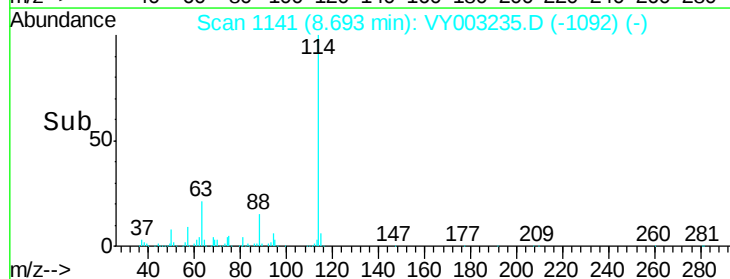
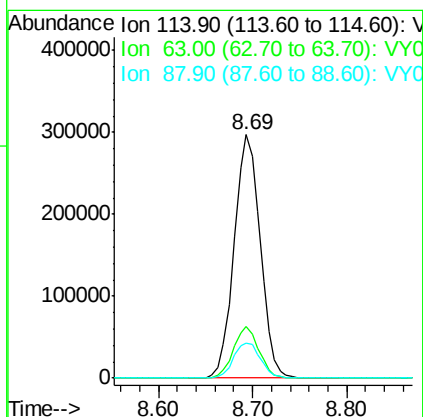
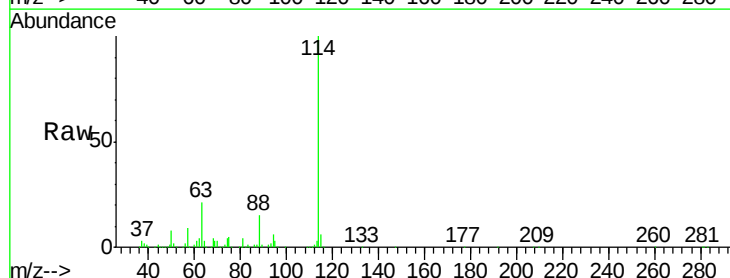
Instrument :
 MSVOA_Y
 ClientSampled :
 9RE

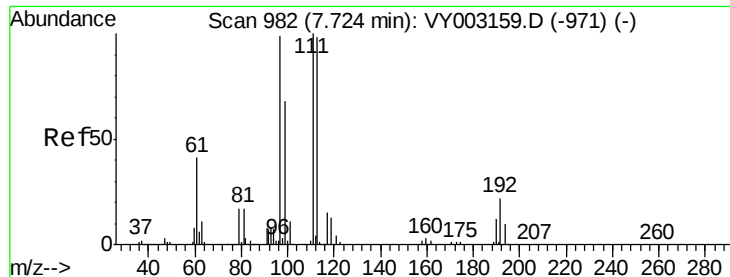
Tot Ion: 65 Resp: 211166
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003235.D
 Acq: 20 Jul 2020 16:35

Tgt Ion: 114 Resp: 572713
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.2
 88 14.6 0.0 30.2

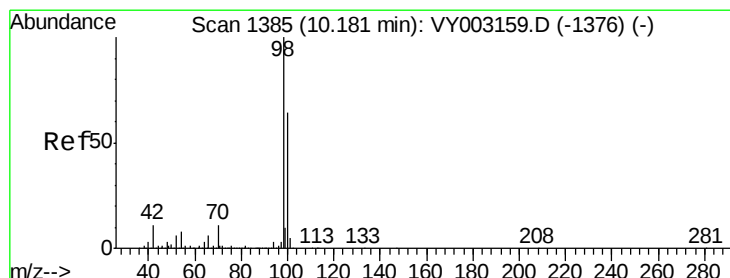
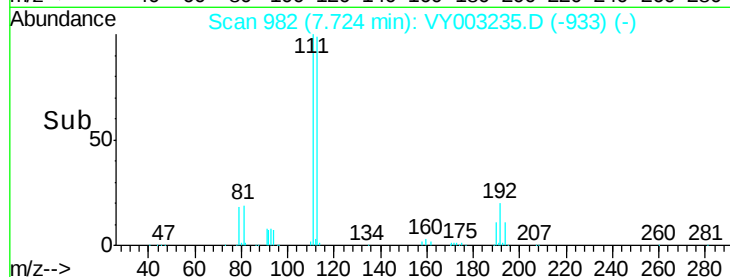
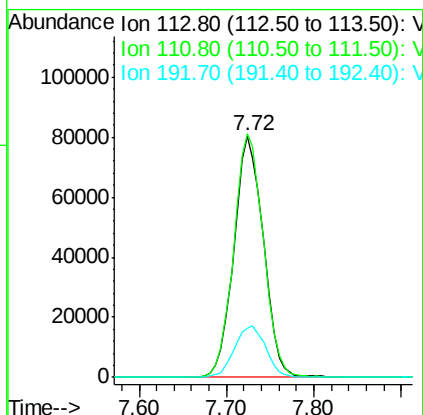
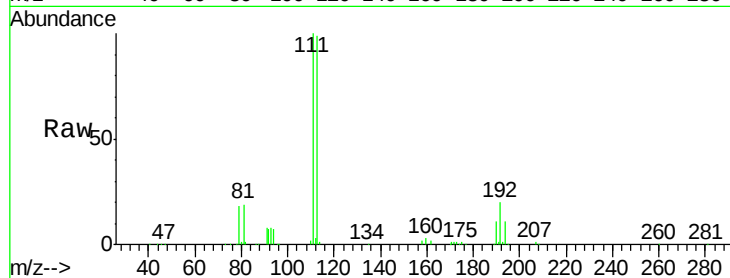




#35
Dibromofluoromethane
Concen: 57.156 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003235.D
Acq: 20 Jul 2020 16:35

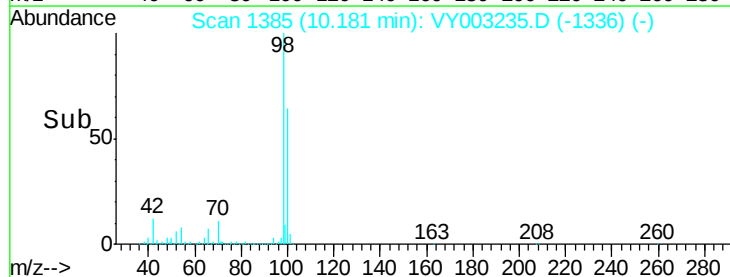
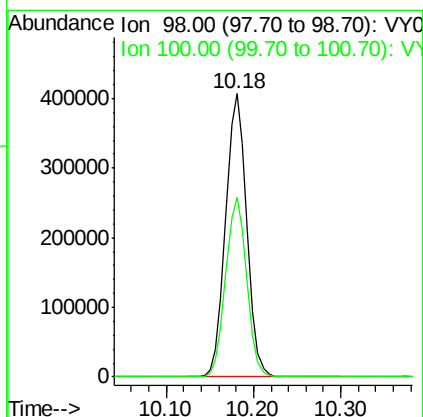
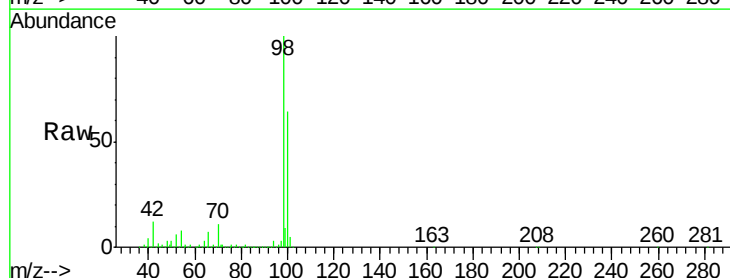
Instrument :
MSVOA_Y
ClientSampleId :
9RE

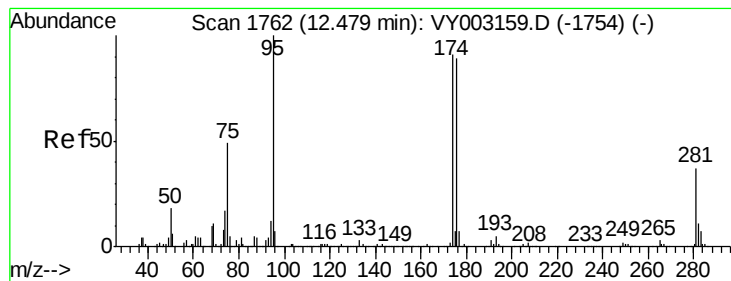
Tot Ion:113 Resp: 188376
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 22.6 18.8 28.2



#50
Toluene-d8
Concen: 55.389 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003235.D
Acq: 20 Jul 2020 16:35

Tgt Ion: 98 Resp: 678701
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 44.701 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003235.D

Acq: 20 Jul 2020 16:35

Instrument :

MSVOA_Y

ClientSampleId :

9RE

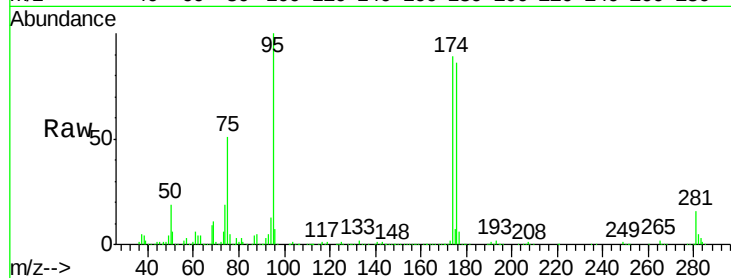
Tot Ion: 95 Resp: 197877

Ion Ratio Lower Upper

95 100

174 93.4 0.0 190.6

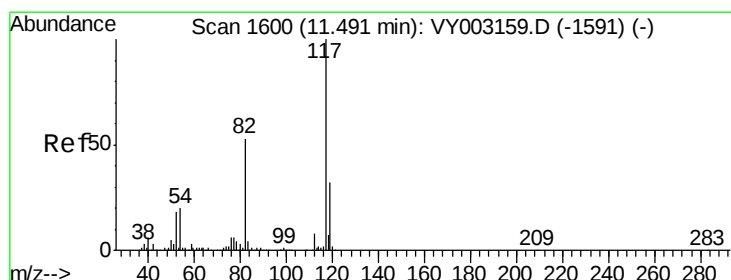
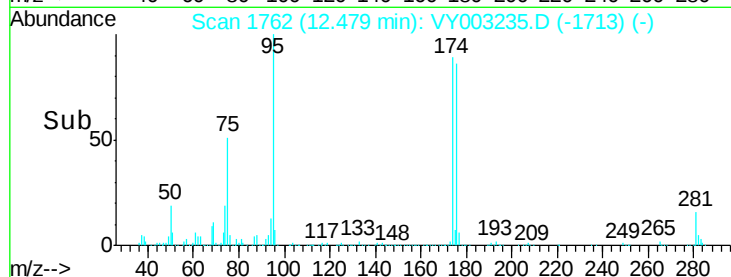
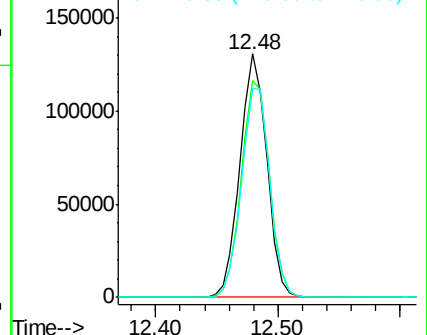
176 90.5 0.0 186.4



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: VY003235.D

Acq: 20 Jul 2020 16:35

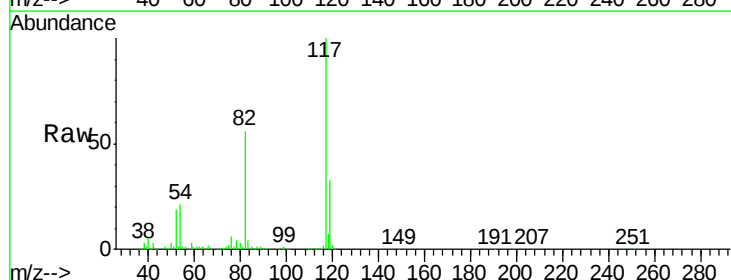
Tgt Ion: 117 Resp: 481800

Ion Ratio Lower Upper

117 100

82 56.3 42.0 63.0

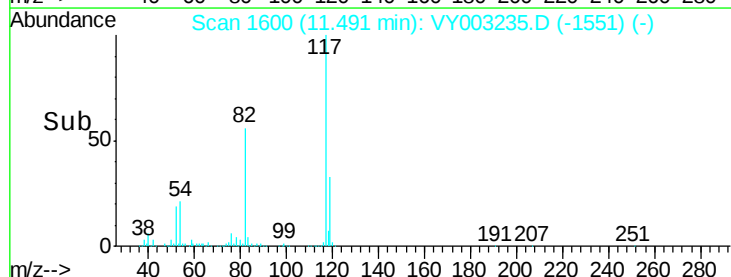
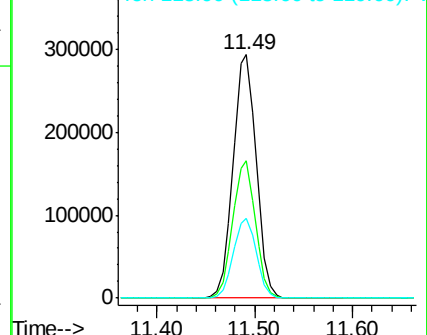
119 32.5 25.5 38.3

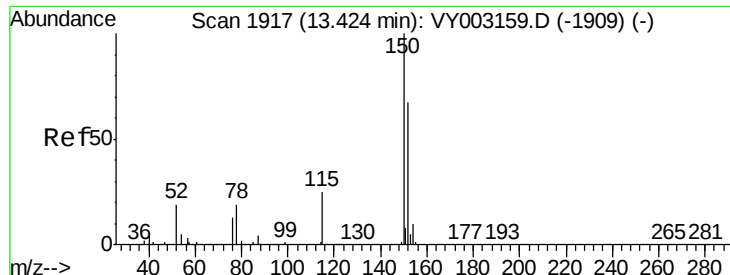


Abundance Ion 116.90 (116.60 to 117.60): VY003159.D (-1591) (-)

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: VY003235.D

Acq: 20 Jul 2020 16:35

Instrument :

MSVOA_Y

ClientSampleId :

9RE

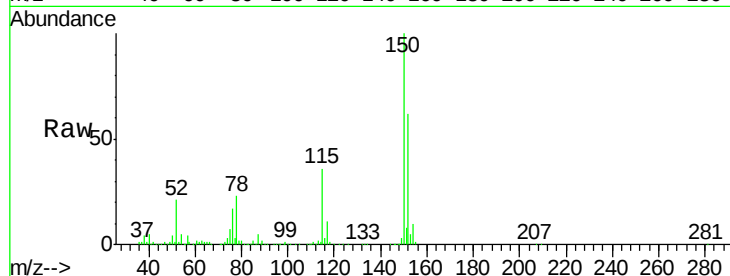
Tot Ion:152 Resp: 191364

Ion Ratio Lower Upper

152 100

115 55.0 26.9 80.7

150 158.0 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

