

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003249.D
 Acq On : 20 Jul 2020 21:57
 Operator : SY/MD
 Sample : L3308-23
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 23

Quant Time: Jul 21 05:46:12 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

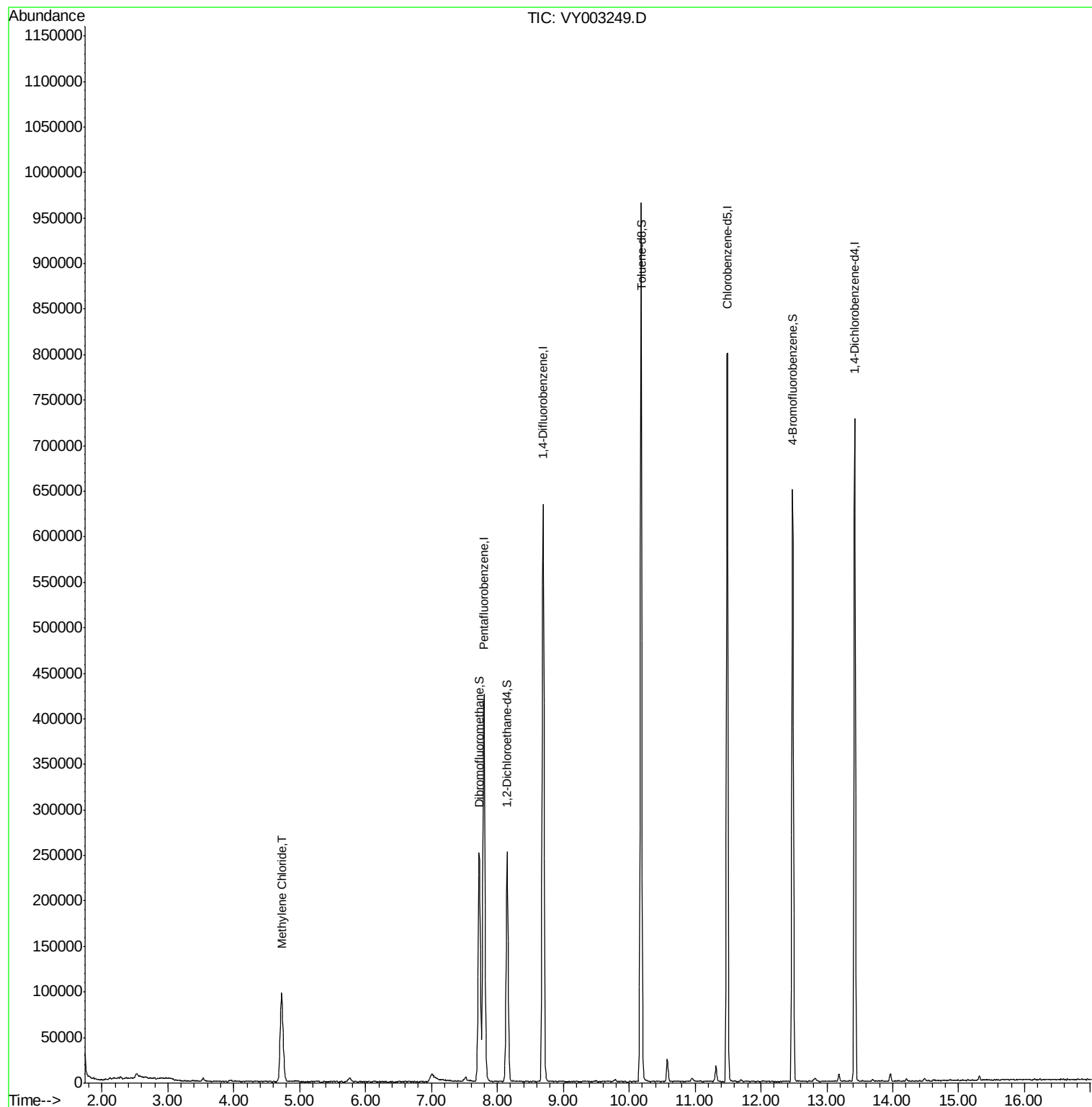
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	525866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	436435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	197245	67.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.44%	
35) Dibromofluoromethane	7.72	113	178220	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
50) Toluene-d8	10.18	98	619041	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.48	95	178502	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	
Target Compounds						
20) Methylene Chloride	4.73	84	73152	18.747	ug/l	Qvalue 97

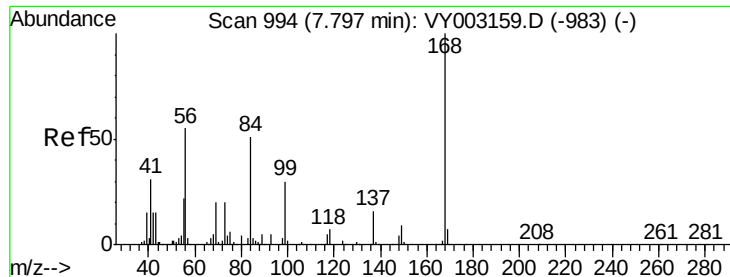
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003249.D

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MSVOA_Y

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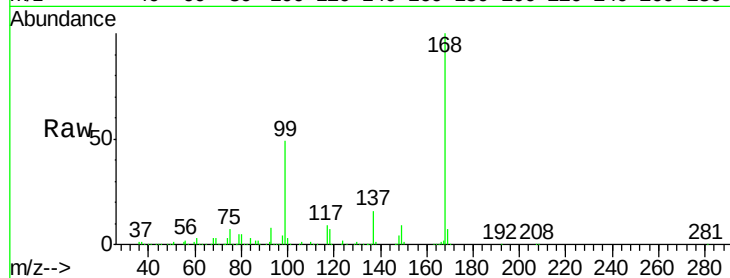
23

Tot Ion:168 Resp: 347665

Ion Ratio Lower Upper

168 100

99 49.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

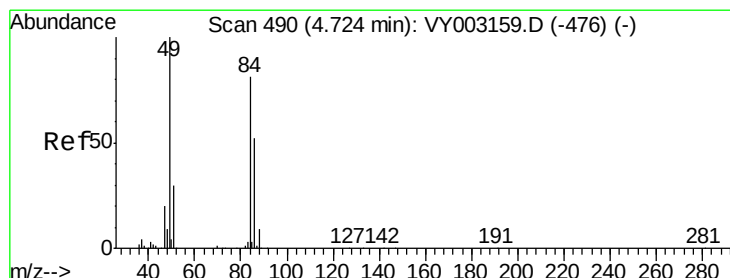
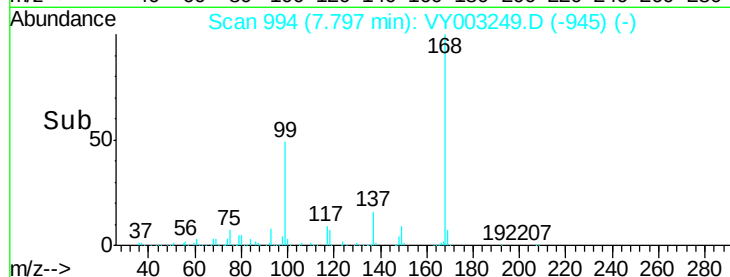
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 18.747 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003249.D

Acq: 20 Jul 2020 21:57

Tgt Ion: 84 Resp: 73152

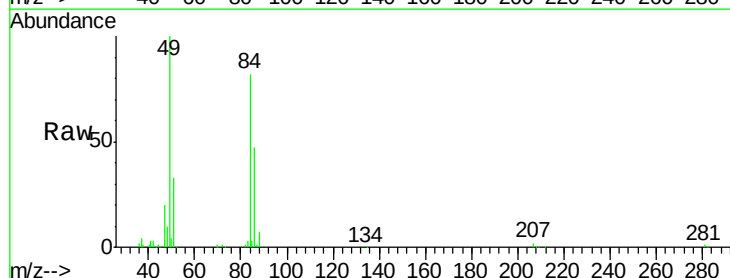
Ion Ratio Lower Upper

84 100

49 122.5 98.2 147.4

51 40.3 29.8 44.6

86 57.9 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003159.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003159.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003159.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003159.D (-476) (-)

4.73

40000

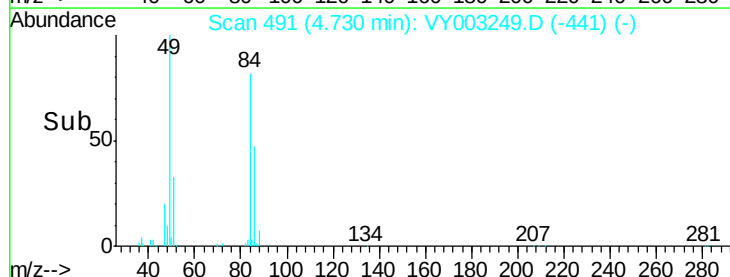
30000

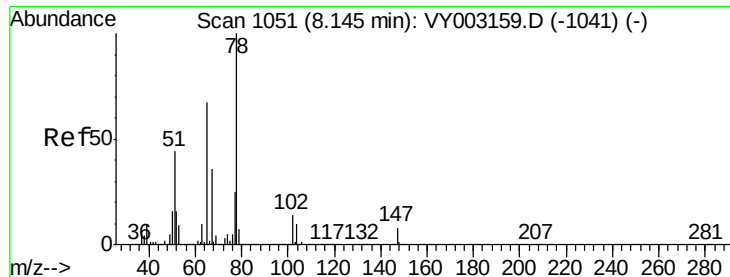
20000

10000

0

Time-->

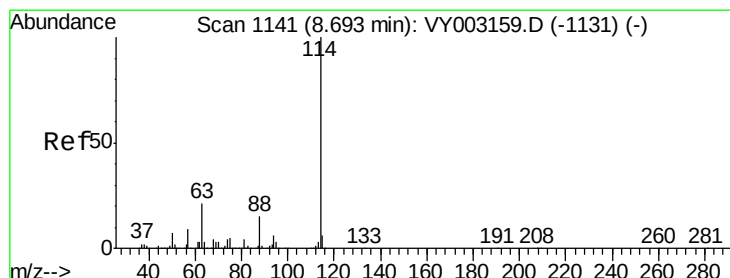
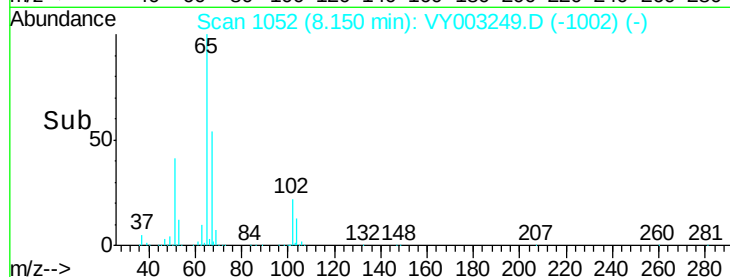
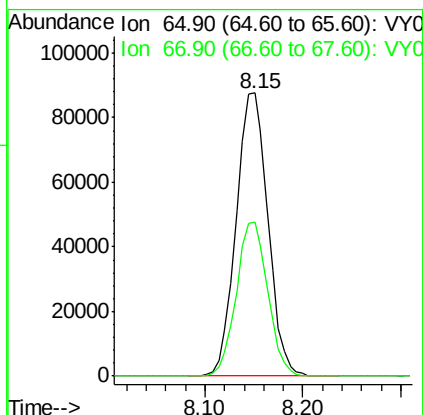
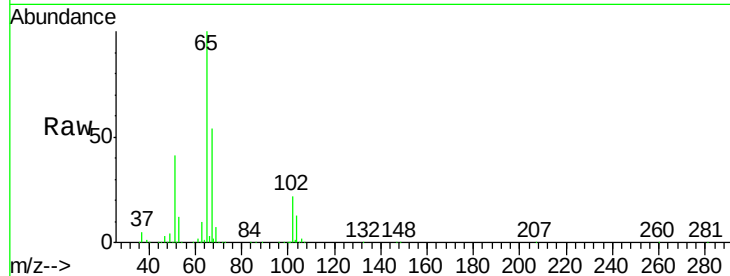




#33
 1,2-Dichloroethane-d4
 Concen: 67.218 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003249.D
 Acq: 20 Jul 2020 21:57

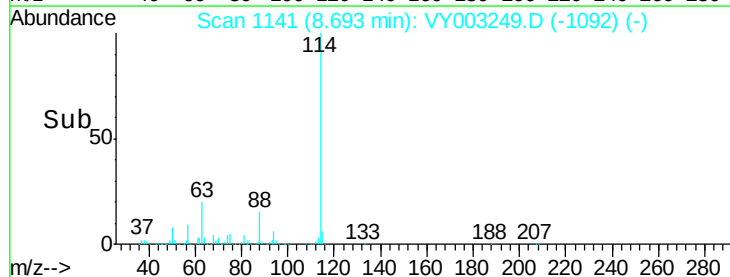
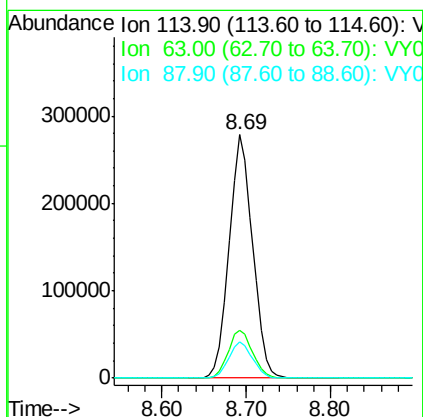
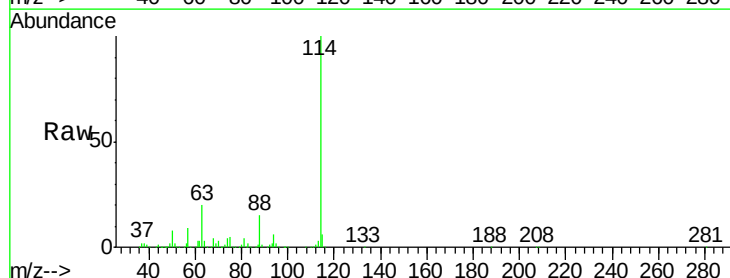
Instrument :
 MSVOA_Y
 ClientSampleId :
 23

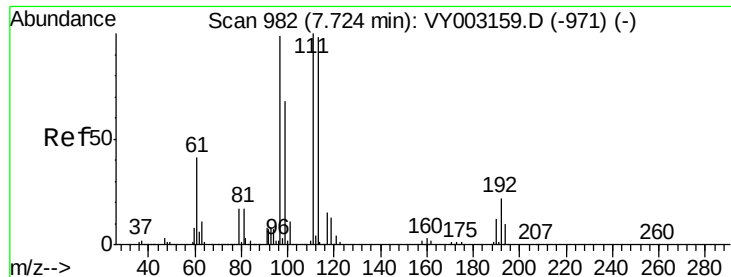
Tot Ion: 65 Resp: 197245
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003249.D
 Acq: 20 Jul 2020 21:57

Tgt Ion: 114 Resp: 525866
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.2
 88 14.7 0.0 30.2

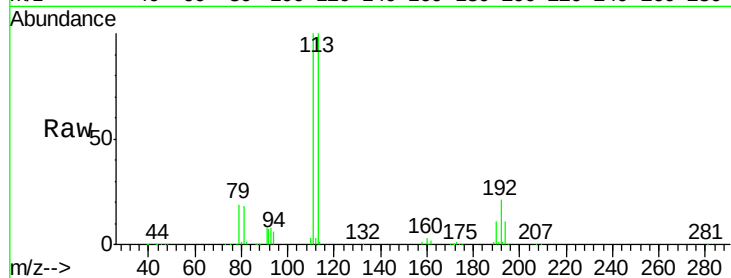




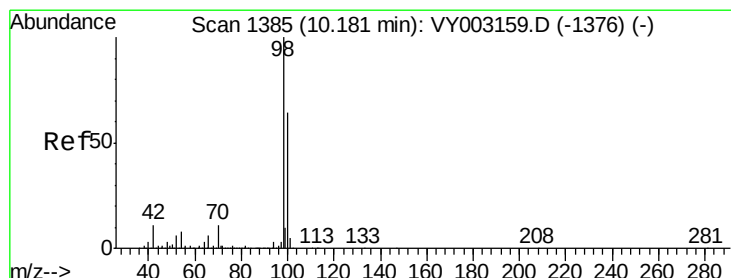
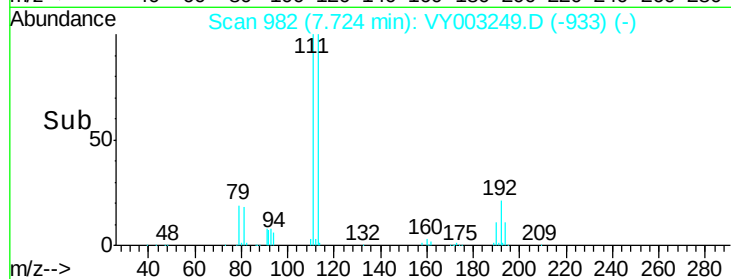
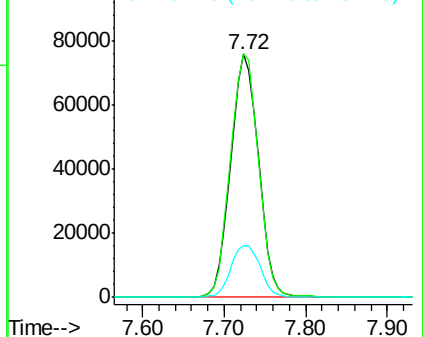
#35
 Dibromofluoromethane
 Concen: 58.892 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003249.D
 Acq: 20 Jul 2020 21:57

Instrument :
 MSVOA_Y
 ClientSampled :
 23

Tot Ion:113 Resp: 178220
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.1 123.1
 192 22.6 18.8 28.2

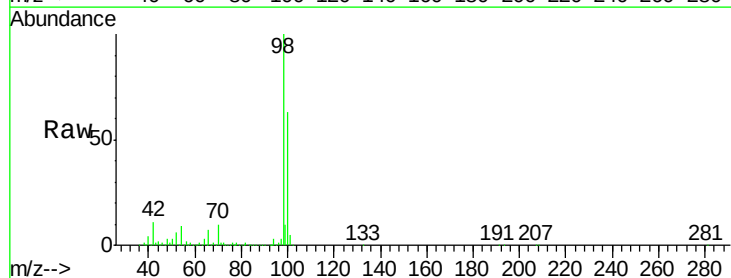


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

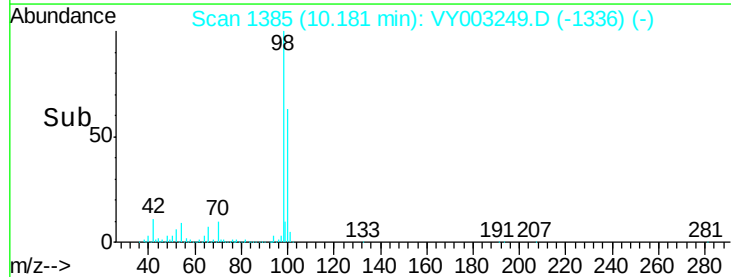
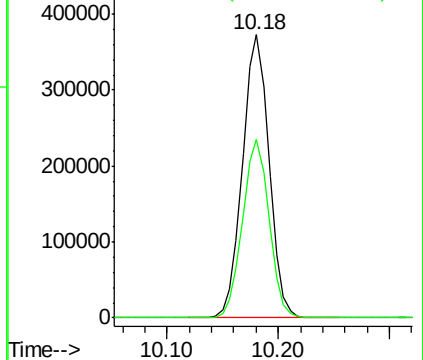


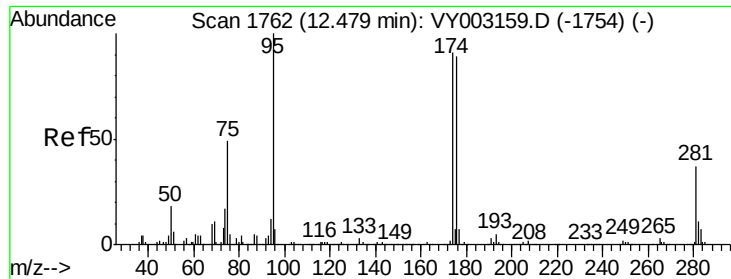
#50
 Toluene-d8
 Concen: 55.021 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003249.D
 Acq: 20 Jul 2020 21:57

Tgt Ion: 98 Resp: 619041
 Ion Ratio Lower Upper
 98 100
 100 62.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

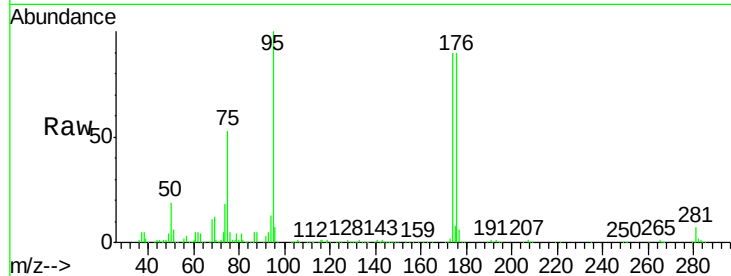




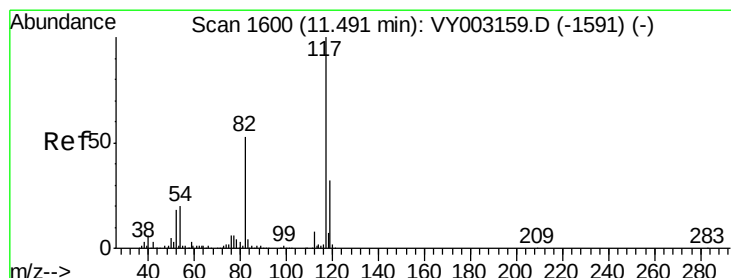
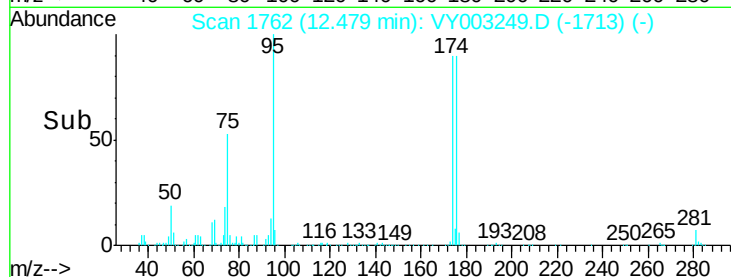
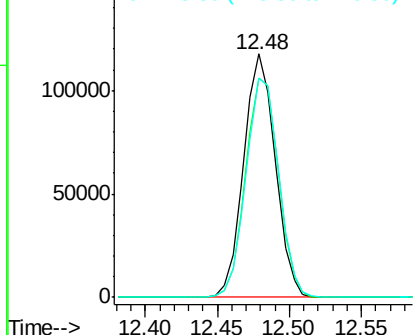
#62
4-Bromofluorobenzene
Concen: 43.917 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003249.D
Acq: 20 Jul 2020 21:57

Instrument :
MSVOA_Y
ClientSampleId :
23

Tot Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	190.6
176	92.9	0.0	186.4

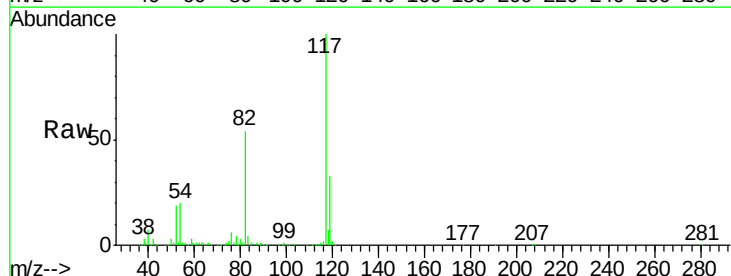


Abundance Ion 94.90 (94.60 to 95.60): VY003159.D (-1754) (-)
Ion 173.80 (173.50 to 174.50): VY003159.D (-1754) (-)
Ion 175.80 (175.50 to 176.50): VY003159.D (-1754) (-)

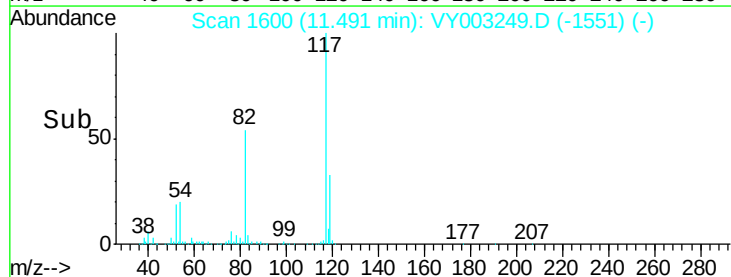
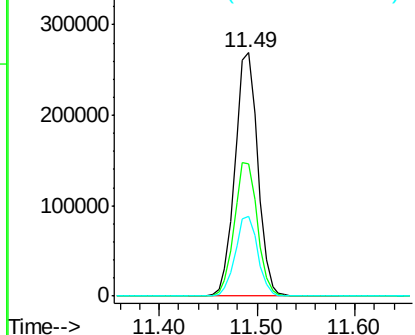


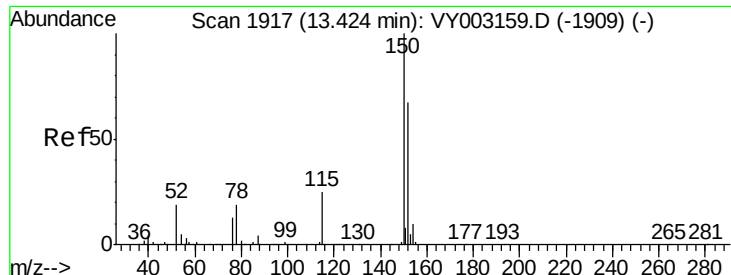
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003249.D
Acq: 20 Jul 2020 21:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	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: VY003249.D

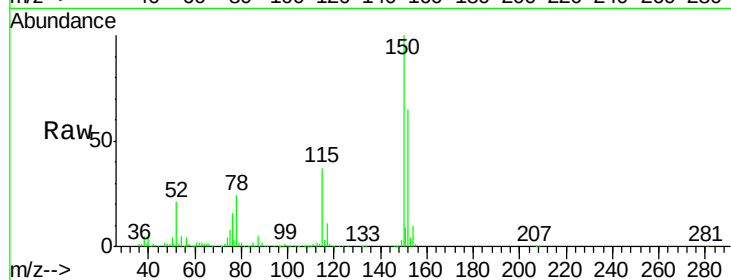
Acq: 20 Jul 2020 21:57

Instrument :

MSVOA_Y

ClientSampleId :

23



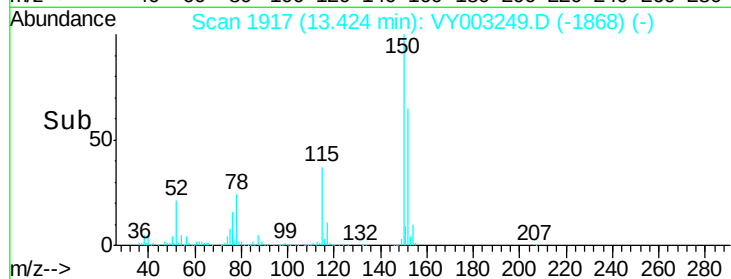
Tot Ion:152 Resp: 180969

Ion Ratio Lower Upper

152 100

115 55.9 26.9 80.7

150 157.1 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

