

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002944.D
 Acq On : 19 Jun 2020 17:48
 Operator : SY/MD
 Sample : L3053-01
 Misc : 5.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-228

Quant Time: Jun 20 04:54:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	261517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	428964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	143273	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	128352	59.42	ug/l	0.00
Spiked Amount						
			Recovery	=	118.84%	
35) Dibromofluoromethane	7.72	113	130023	53.57	ug/l	0.00
Spiked Amount						
			Recovery	=	107.14%	
50) Toluene-d8	10.18	98	503600	52.62	ug/l	0.00
Spiked Amount						
			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	150857	45.44	ug/l	0.00
Spiked Amount						
			Recovery	=	90.88%	

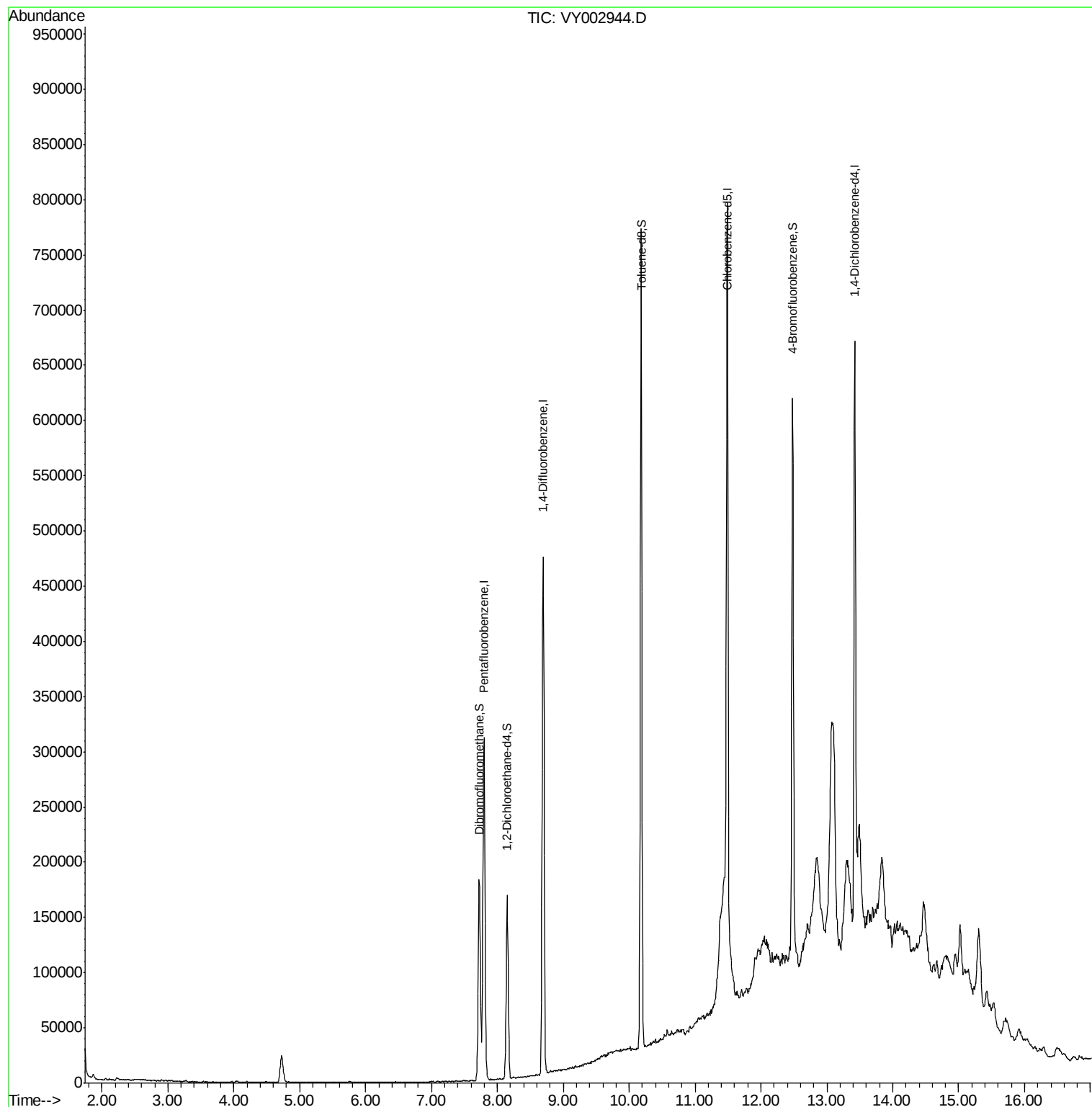
Target Compounds	Qvalue
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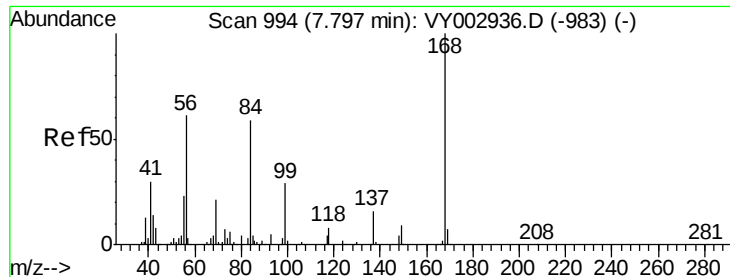
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampleId :

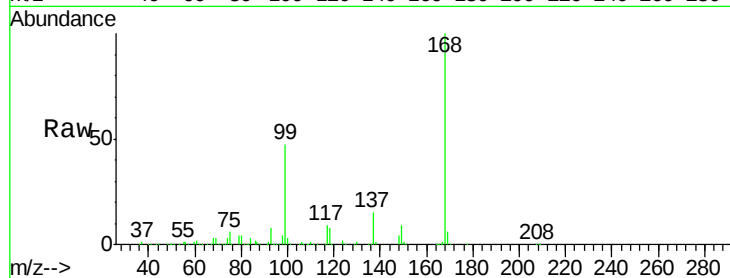
VNJ-228

Tot Ion:168 Resp: 261517

Ion Ratio Lower Upper

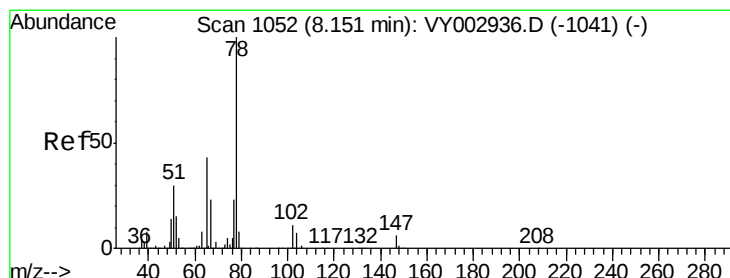
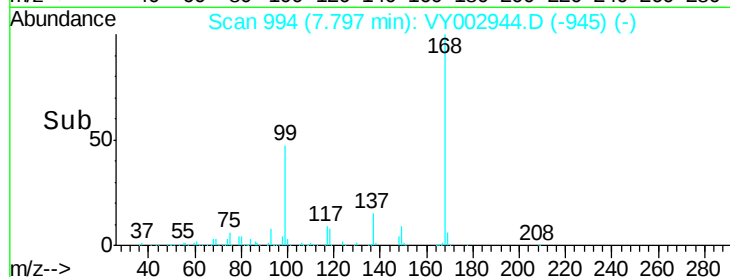
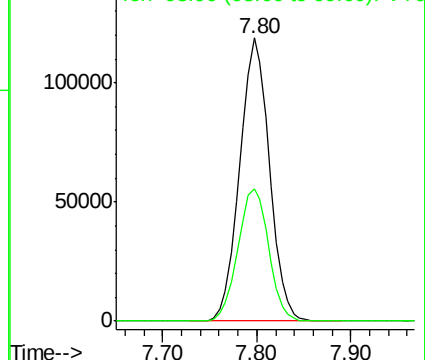
168 100

99 46.7 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 59.420 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002944.D

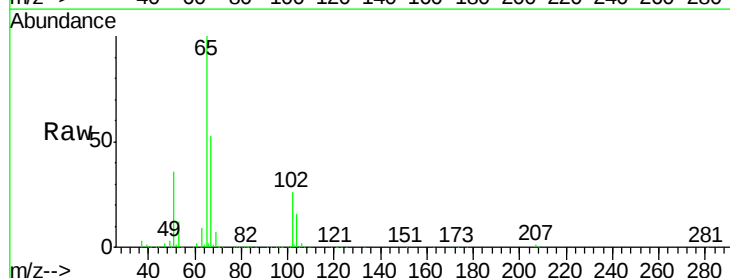
Acq: 19 Jun 2020 17:48

Tgt Ion: 65 Resp: 128352

Ion Ratio Lower Upper

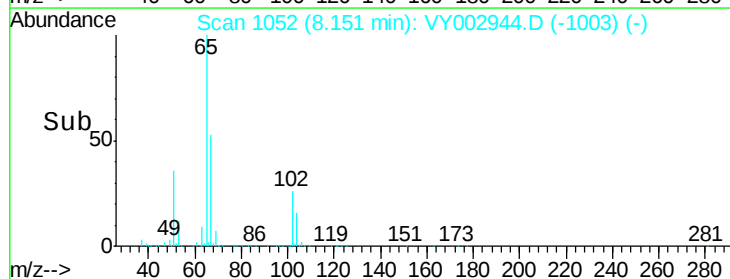
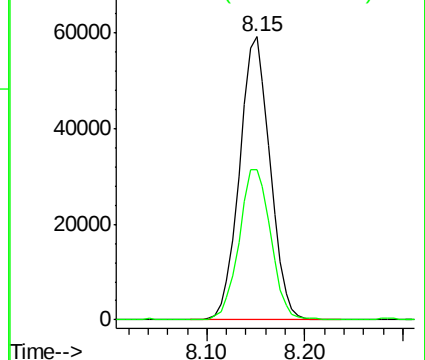
65 100

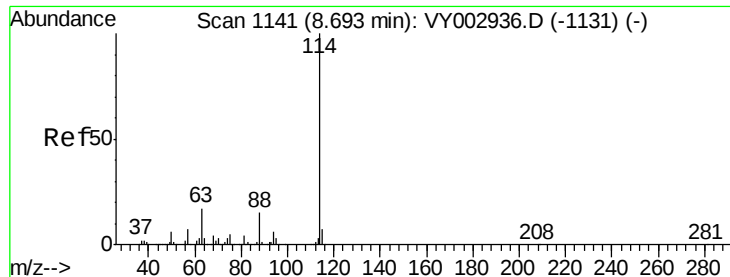
67 54.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

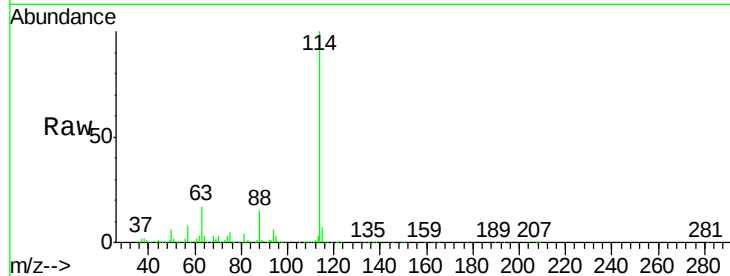




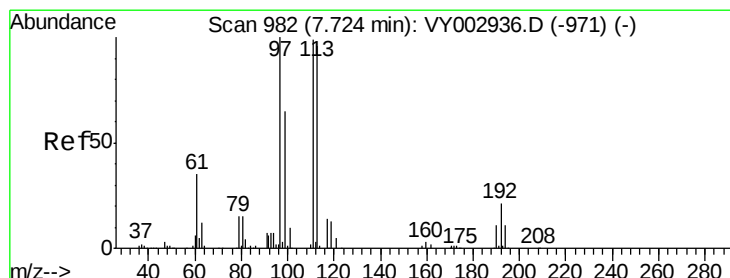
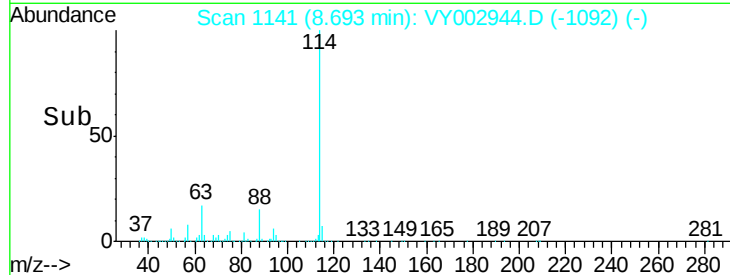
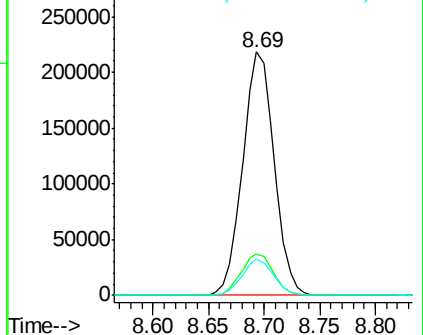
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002944.D
 Acq: 19 Jun 2020 17:48

Instrument :
 MSVOA_Y
 ClientSampleID :
 VNJ-228

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	34.6
88	14.6	0.0	29.2

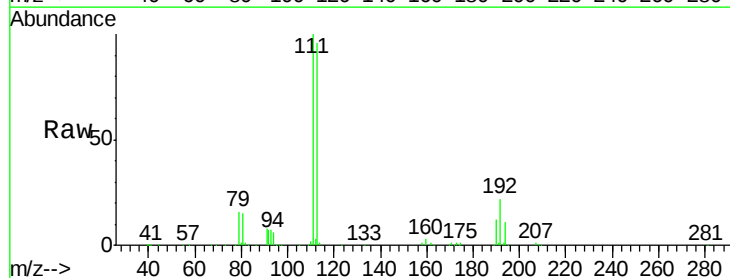


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

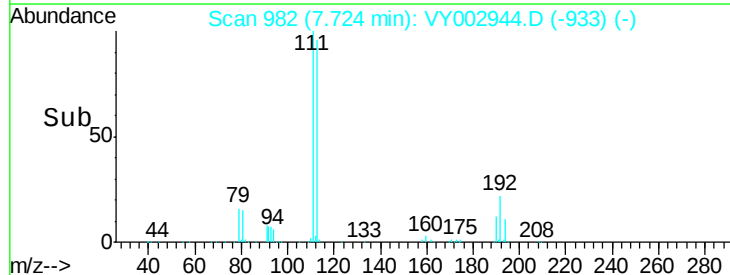
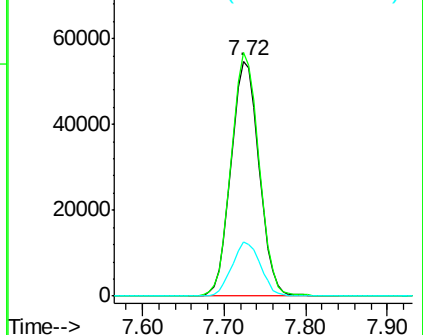


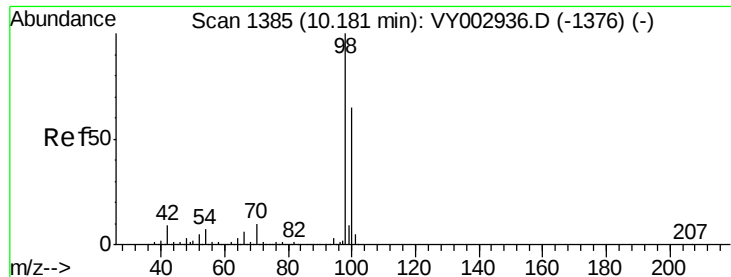
#35
 Dibromofluoromethane
 Concen: 53.570 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002944.D
 Acq: 19 Jun 2020 17:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.3	19.2	28.8



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: 52.622 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampleId :

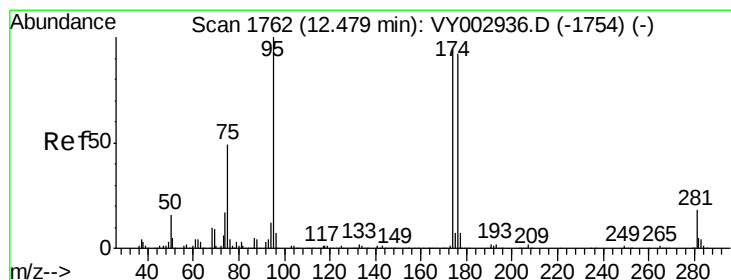
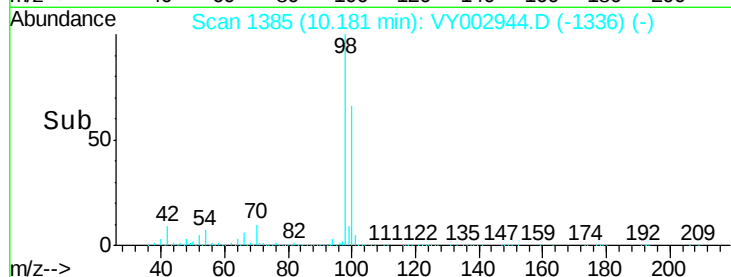
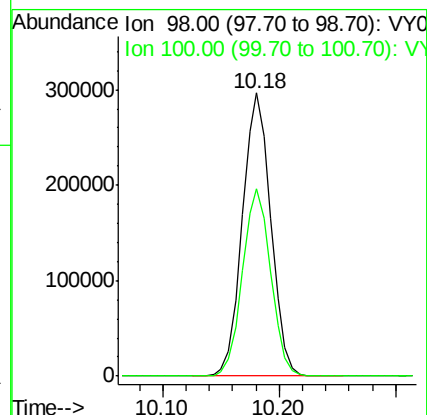
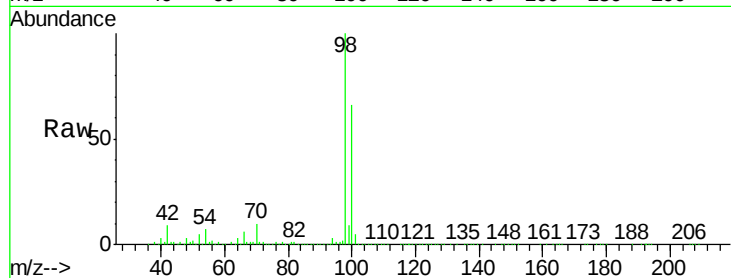
VNJ-228

Tot Ion: 98 Resp: 503600

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.443 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

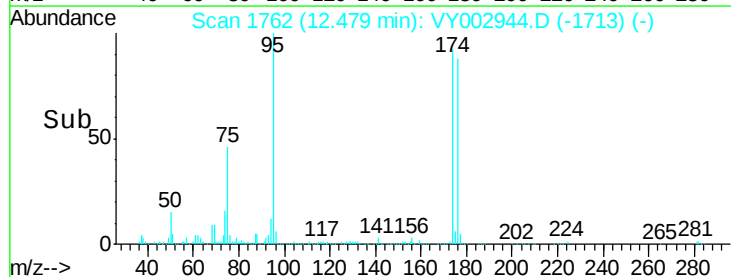
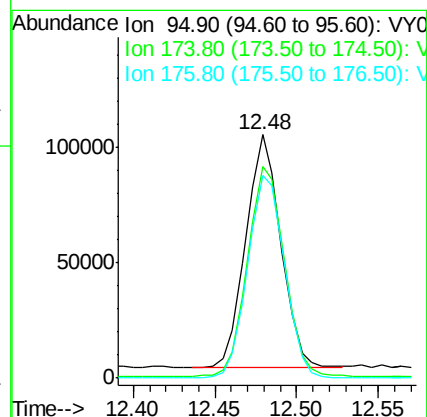
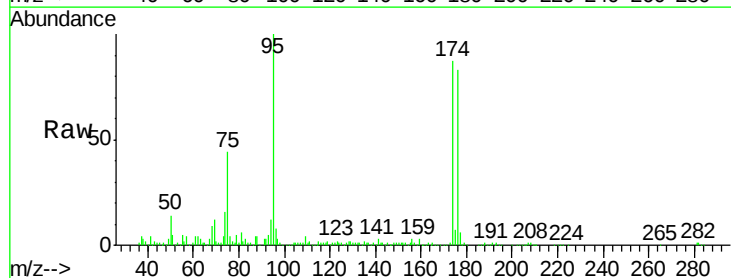
Tgt Ion: 95 Resp: 150857

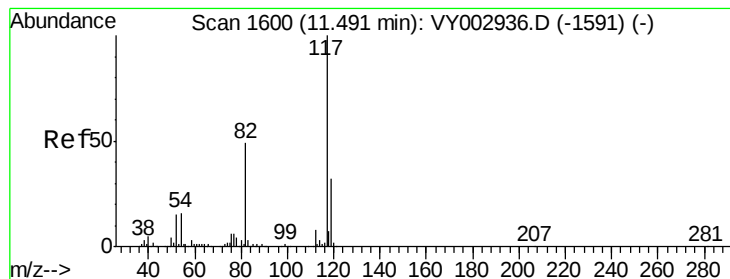
Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.2

176 92.2 0.0 186.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228

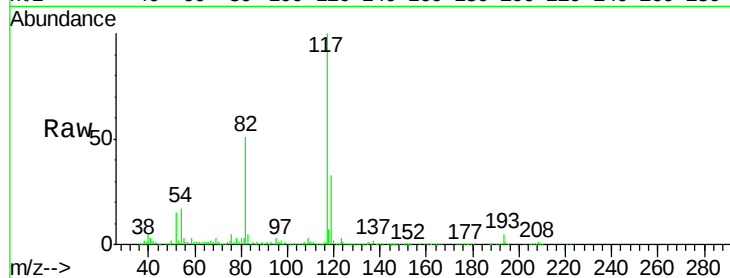
Tot Ion:117 Resp: 381567

Ion Ratio Lower Upper

117 100

82 50.5 39.4 59.0

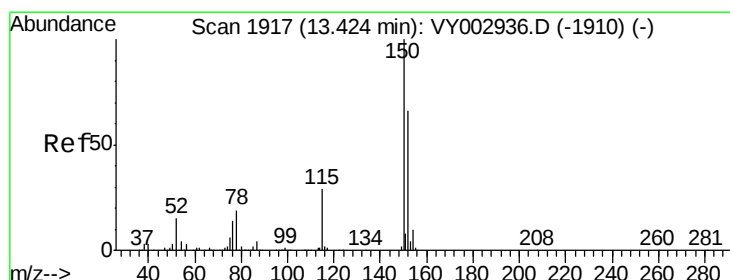
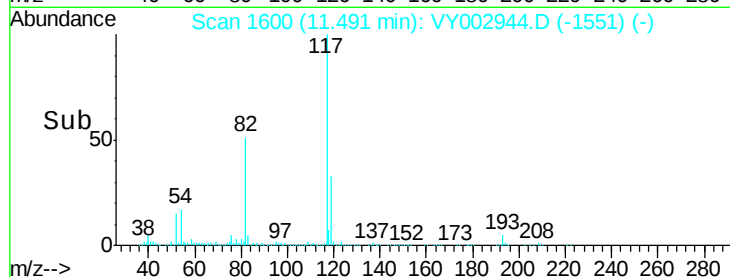
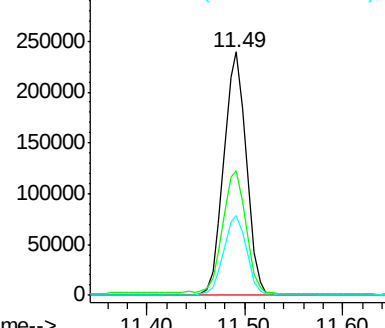
119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

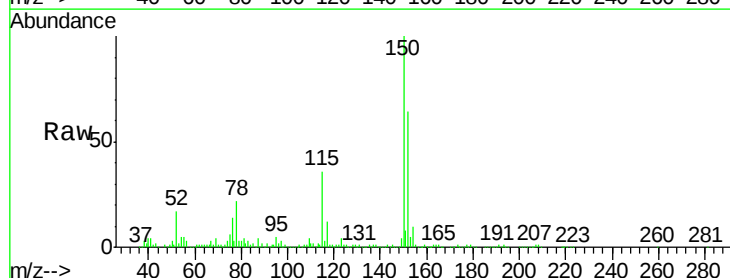
Tgt Ion:152 Resp: 143273

Ion Ratio Lower Upper

152 100

115 54.6 26.9 80.6

150 155.7 0.0 341.8



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

