

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002856.D
 Acq On : 05 Jun 2020 18:36
 Operator : SY/MD
 Sample : L2939-01
 Misc : 6.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-010

Quant Time: Jun 06 08:22:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	306102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	488708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	445196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208492	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	152955	57.55	ug/l	0.00
Spiked Amount						
			Recovery	=	115.10%	
35) Dibromofluoromethane	7.72	113	152959	53.41	ug/l	0.00
Spiked Amount						
			Recovery	=	106.82%	
50) Toluene-d8	10.18	98	571995	49.39	ug/l	0.00
Spiked Amount						
			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.48	95	186944	47.24	ug/l	0.00
Spiked Amount						
			Recovery	=	94.48%	

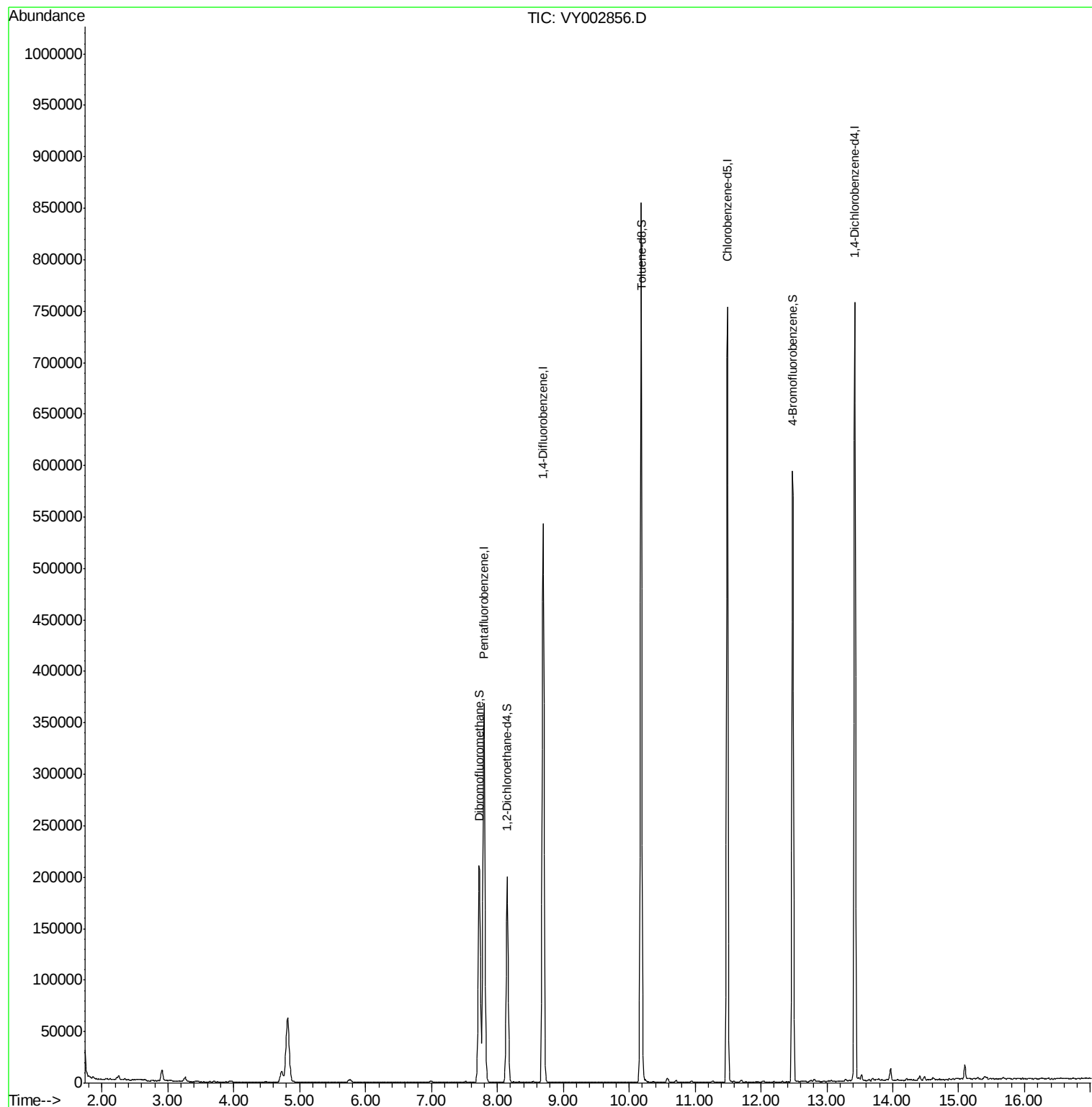
Target Compounds	Qvalue
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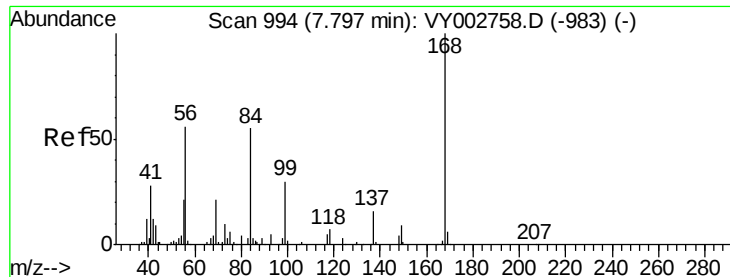
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002856.D

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Instrument :

MSVOA_Y

ClientSampleId :

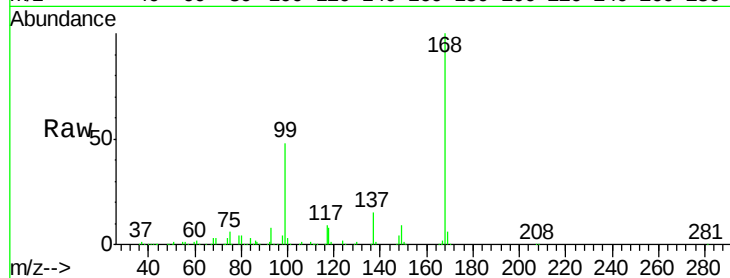
PHC-326FB-010

Tot Ion:168 Resp: 306102

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

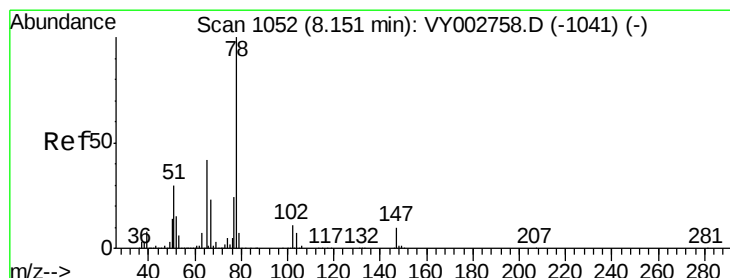
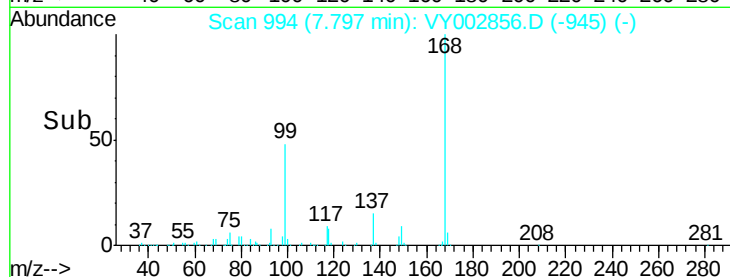
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.549 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002856.D

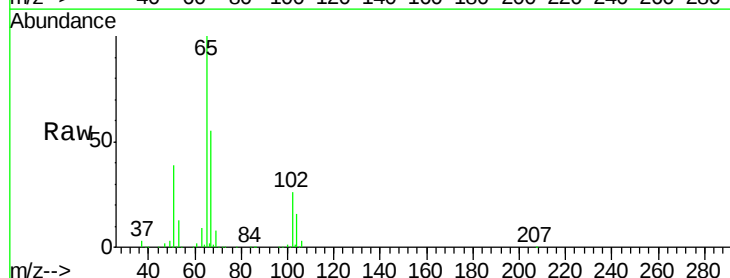
Acq: 05 Jun 2020 18:36

Tgt Ion: 65 Resp: 152955

Ion Ratio Lower Upper

65 100

67 53.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002758.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002758.D (-1041) (-)

8.15

80000

60000

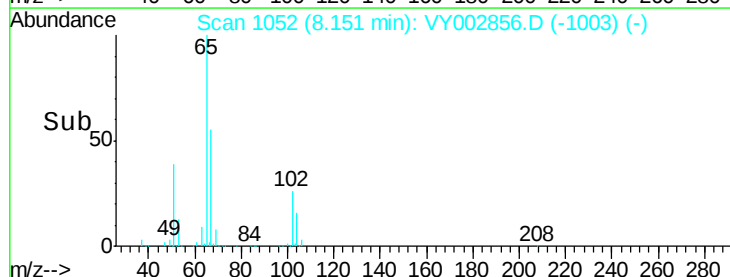
40000

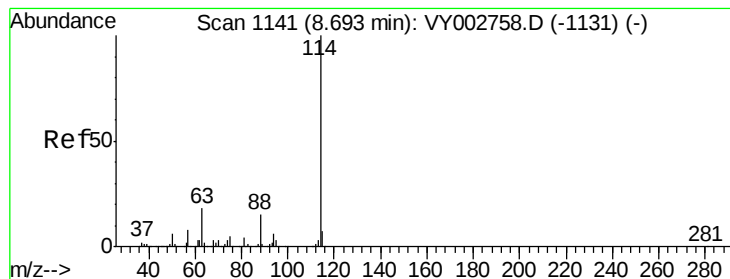
20000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

PHC-326FB-010

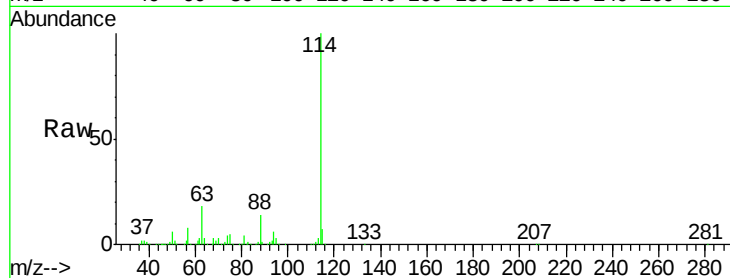
Tot Ion:114 Resp: 488708

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

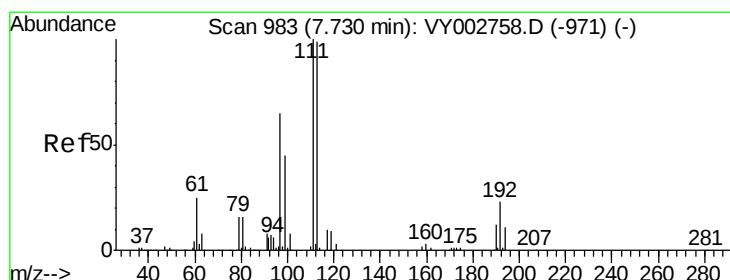
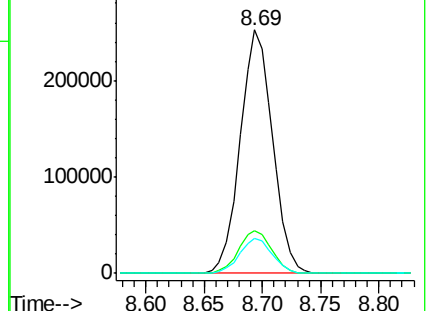
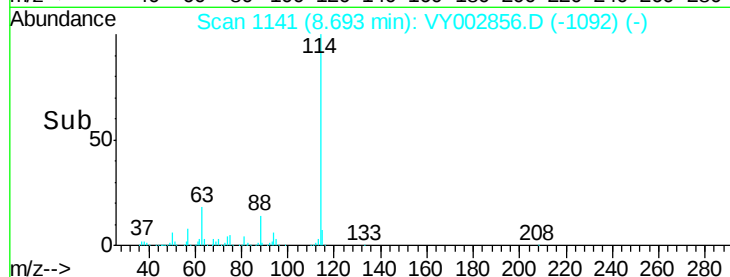
88 14.5 0.0 29.2



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: 53.406 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

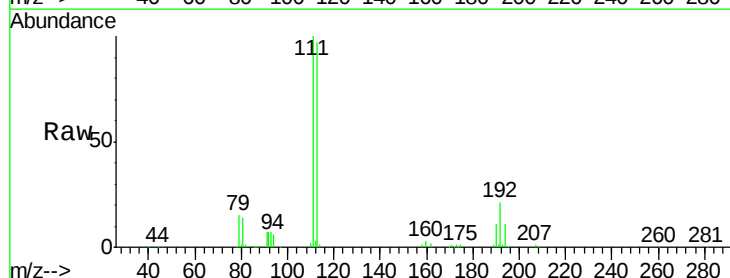
Tgt Ion:113 Resp: 152959

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

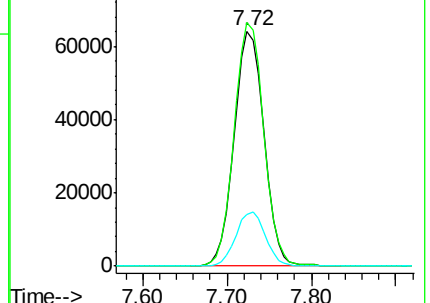
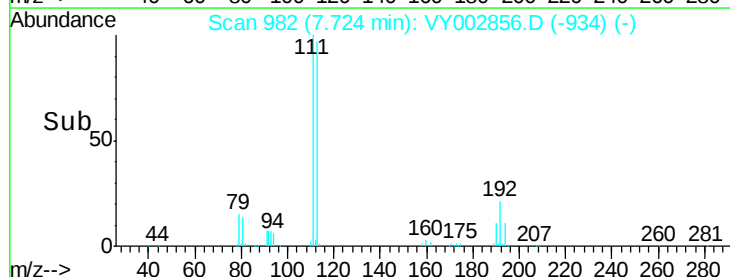
192 22.8 18.9 28.3

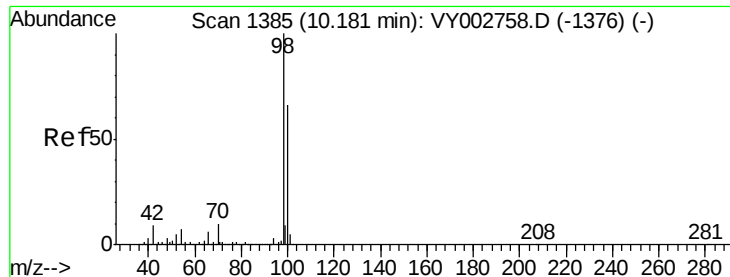


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

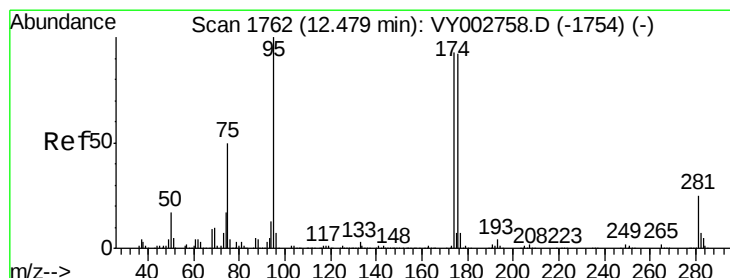
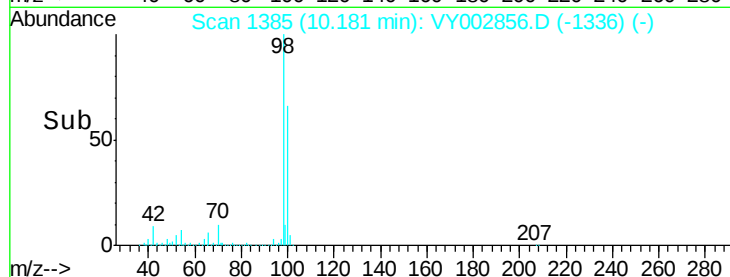
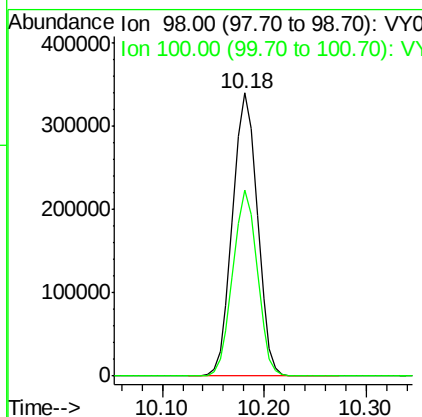
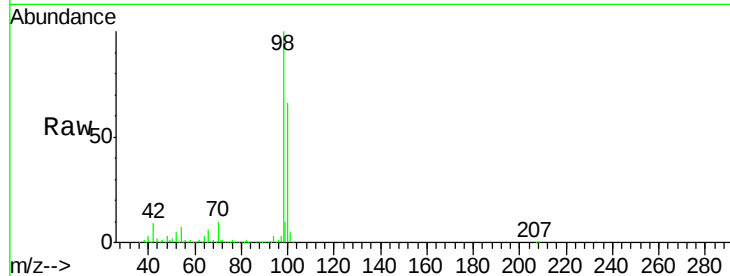




#50
Toluene-d8
Concen: 49.394 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002856.D
Acq: 05 Jun 2020 18:36

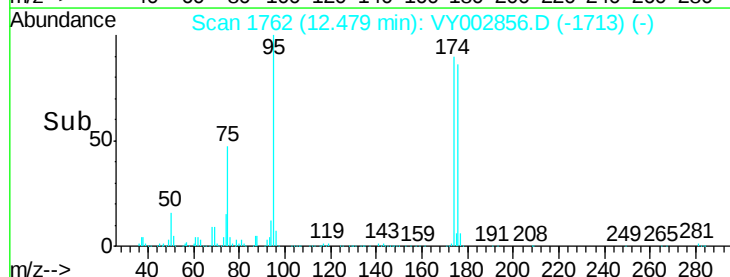
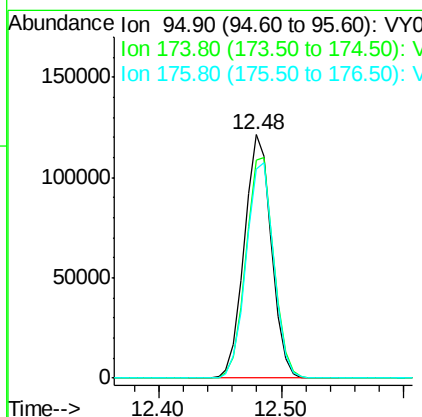
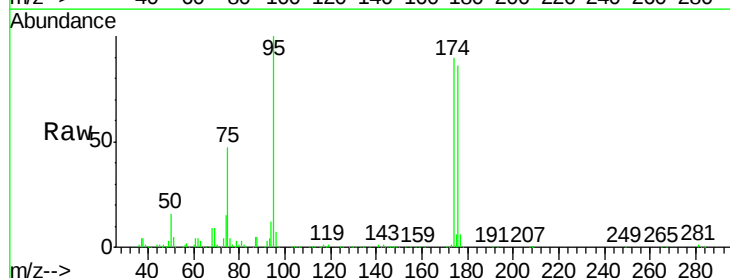
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-010

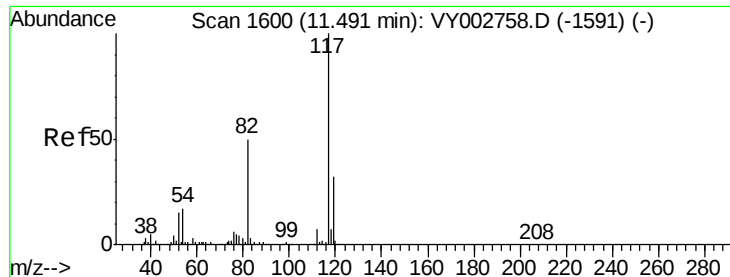
Tot Ion: 98 Resp: 571995
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.237 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002856.D
Acq: 05 Jun 2020 18:36

Tgt Ion: 95 Resp: 186944
Ion Ratio Lower Upper
95 100
174 92.7 0.0 191.2
176 90.3 0.0 188.8

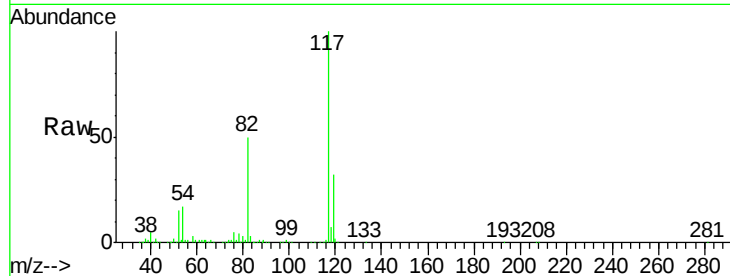




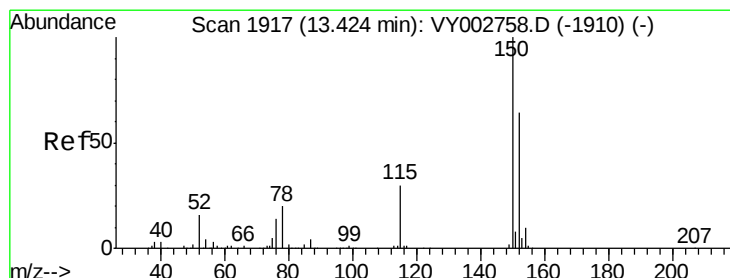
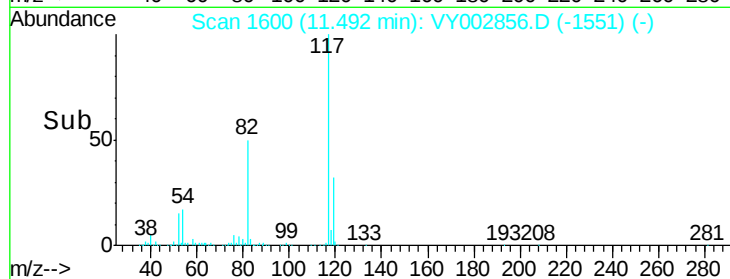
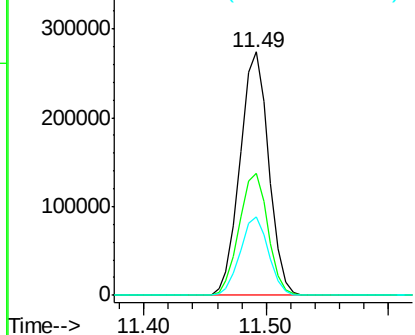
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002856.D
Acq: 05 Jun 2020 18:36

Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-010

Tot Ion:117 Resp: 445196
Ion Ratio Lower Upper
117 100
82 50.3 40.2 60.4
119 32.5 25.8 38.8

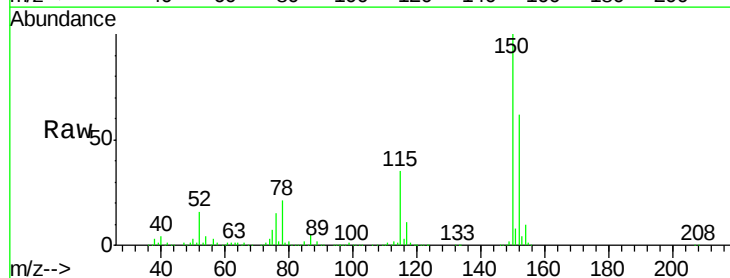


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002856.D
Acq: 05 Jun 2020 18:36

Tgt Ion:152 Resp: 208492
Ion Ratio Lower Upper
152 100
115 54.5 27.0 81.0
150 157.4 0.0 344.8



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

