

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003272.D
 Acq On : 22 Jul 2020 00:26
 Operator : SY/MD
 Sample : L3355-01
 Misc : 6.93G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11977

Quant Time: Jul 22 04:23:45 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	428925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	617406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	311038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	217983	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
35) Dibromofluoromethane	7.72	113	209920	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	10.18	98	811743	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.48	95	263186	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

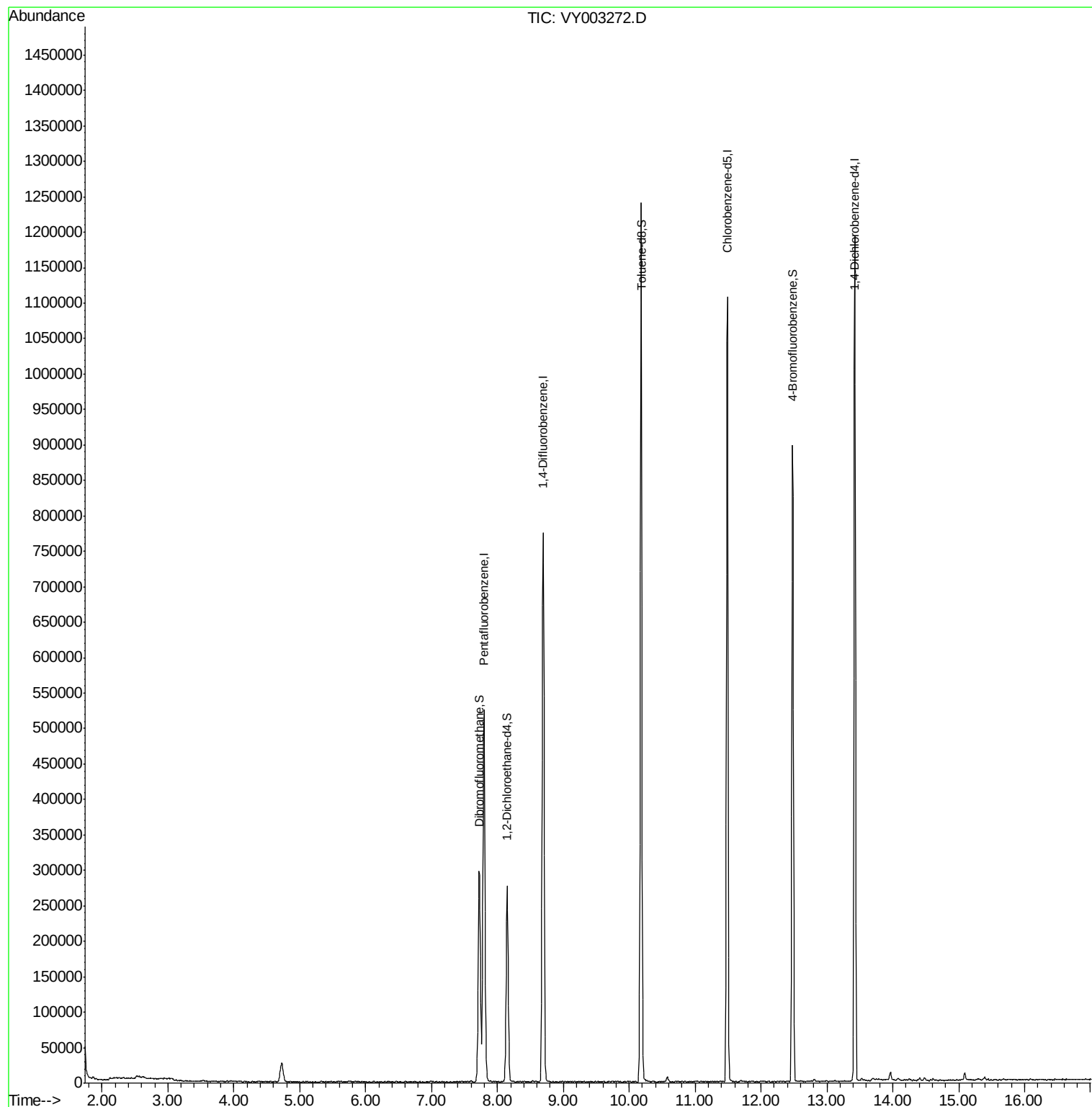
Target Compounds	Qvalue

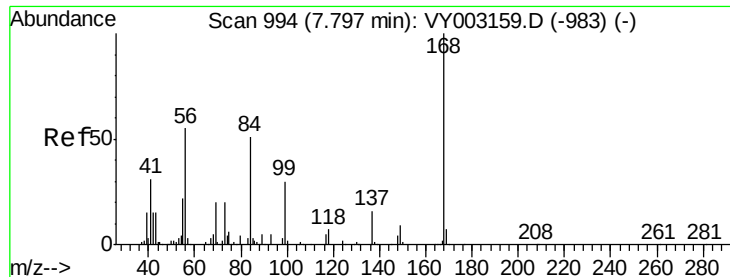
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003272.D

Acq: 22 Jul 2020 00:26

Instrument :

MSVOA_Y

ClientSampled :

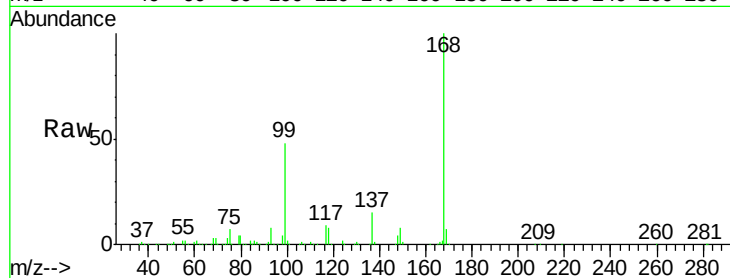
11977

Tot Ion:168 Resp: 428925

Ion Ratio Lower Upper

168 100

99 48.5 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

200000

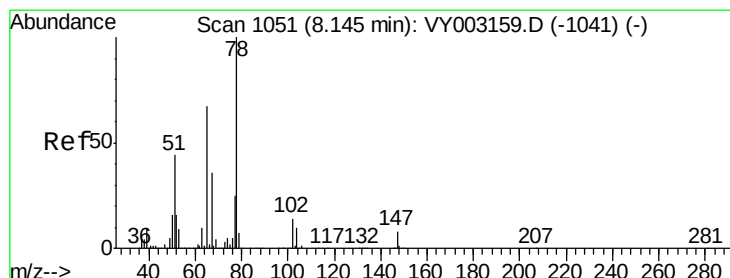
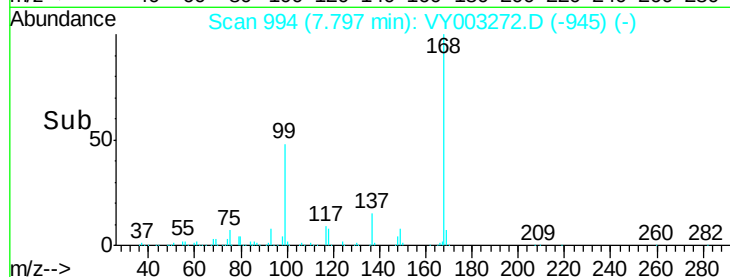
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.212 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003272.D

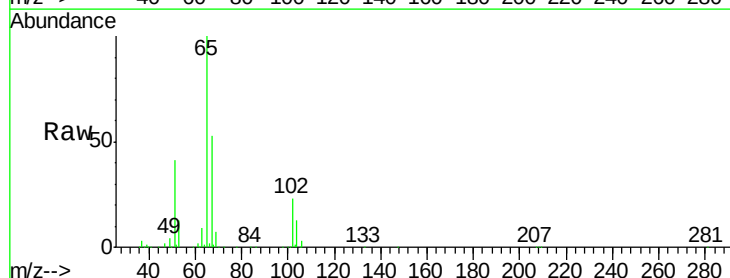
Acq: 22 Jul 2020 00:26

Tgt Ion: 65 Resp: 217983

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003159.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003159.D (-1041) (-)

8.15

100000

80000

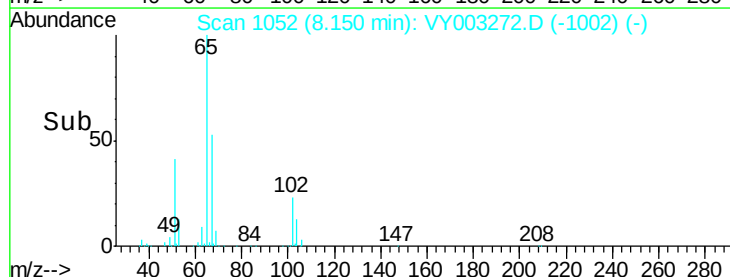
60000

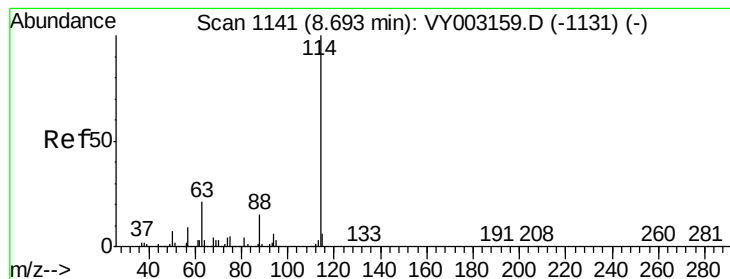
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

Instrument :

MSVOA_Y

ClientSampleId :

11977

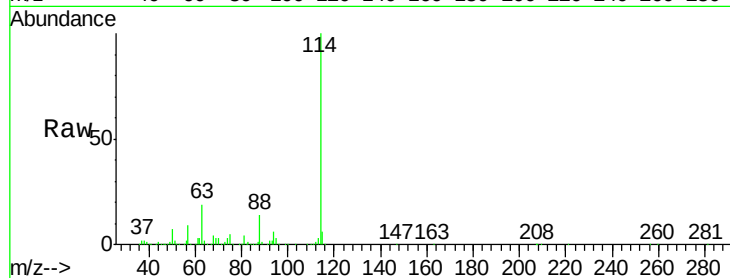
Tot Ion:114 Resp: 676084

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.2

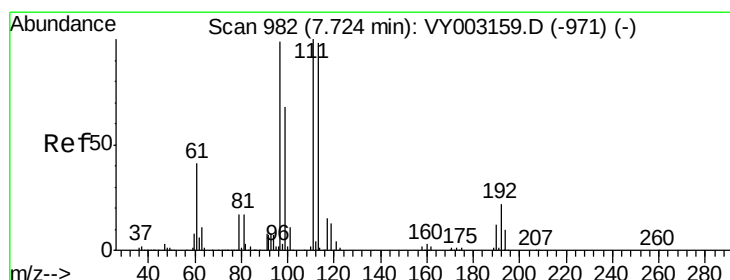
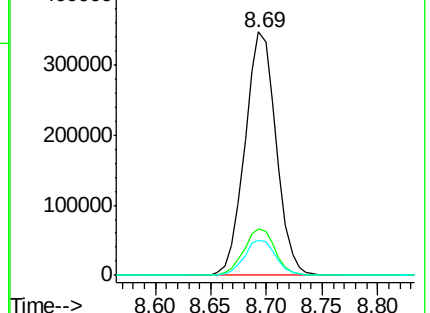
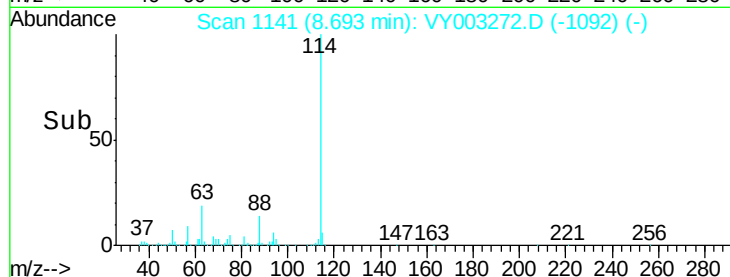
88 14.4 0.0 30.2



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: 53.954 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

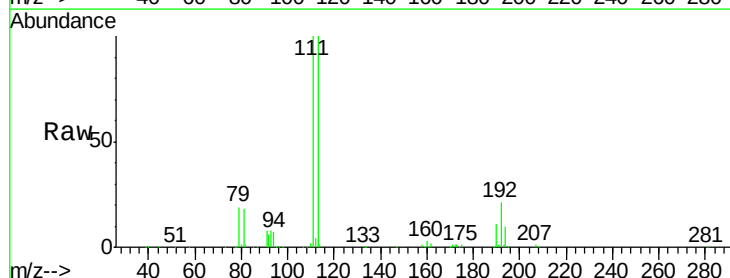
Tgt Ion:113 Resp: 209920

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

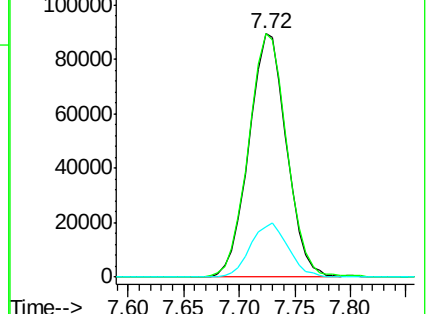
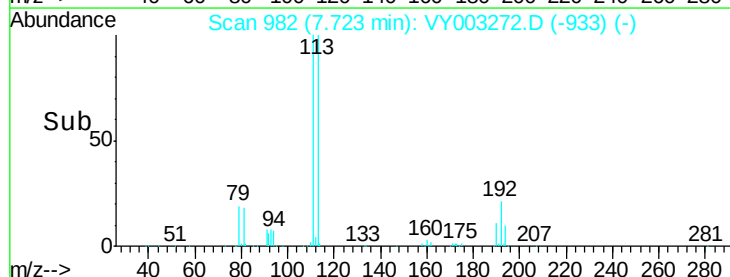
192 22.4 18.8 28.2

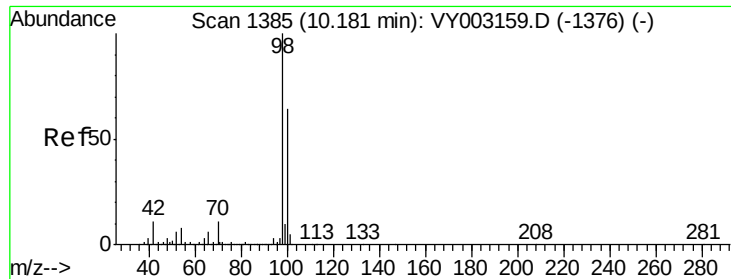


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.118 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

Instrument :

MSVOA_Y

ClientSampled :

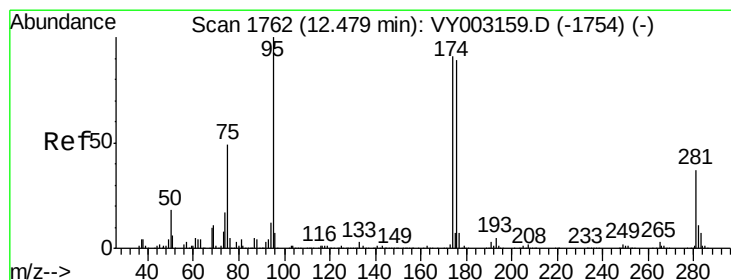
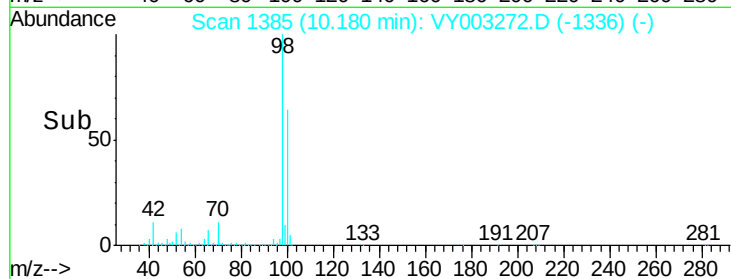
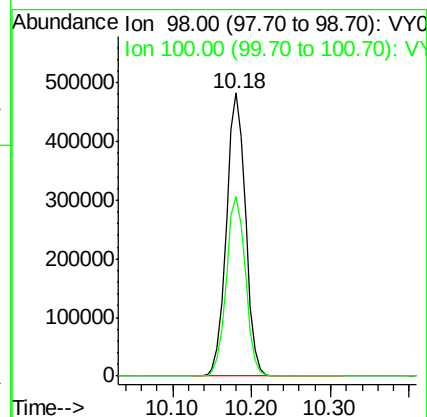
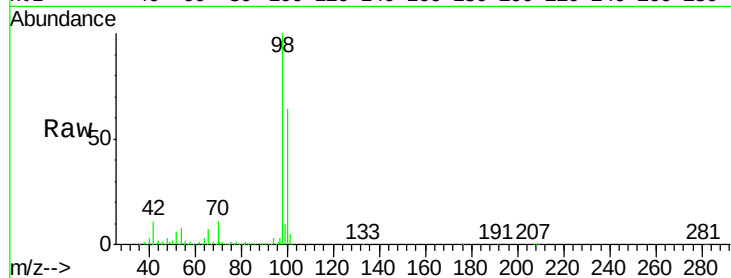
11977

Tot Ion: 98 Resp: 811743

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.365 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003272.D

Acq: 22 Jul 2020 00:26

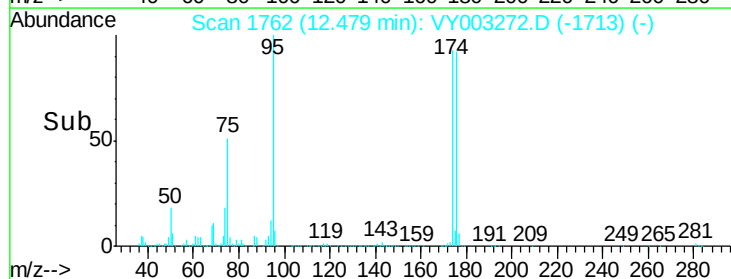
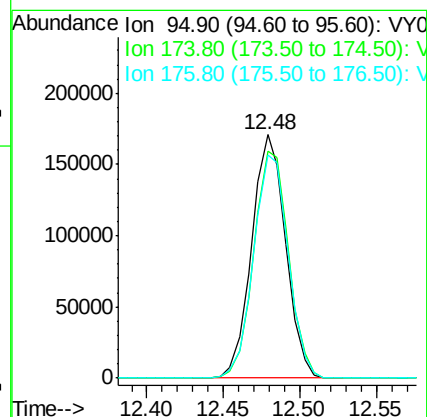
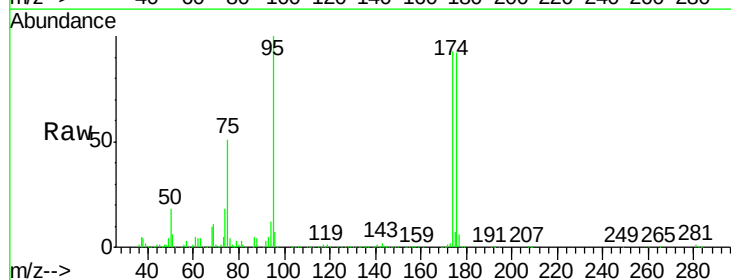
Tgt Ion: 95 Resp: 263186

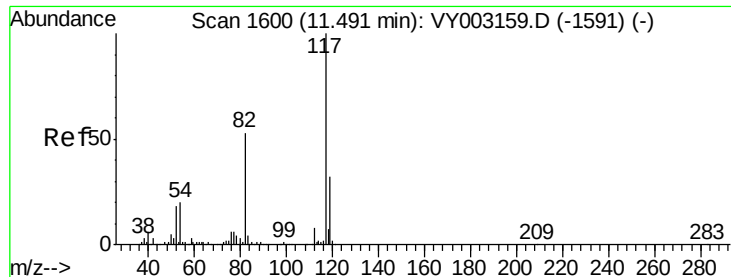
Ion Ratio Lower Upper

95 100

174 95.5 0.0 190.6

176 93.8 0.0 186.4

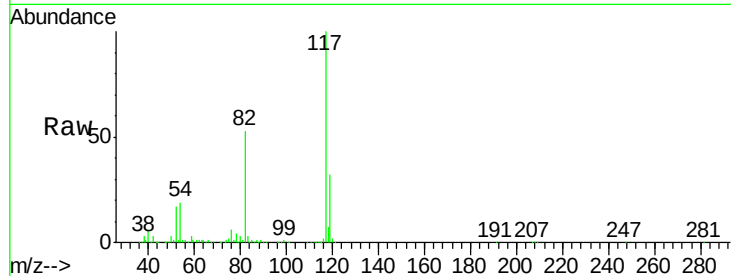




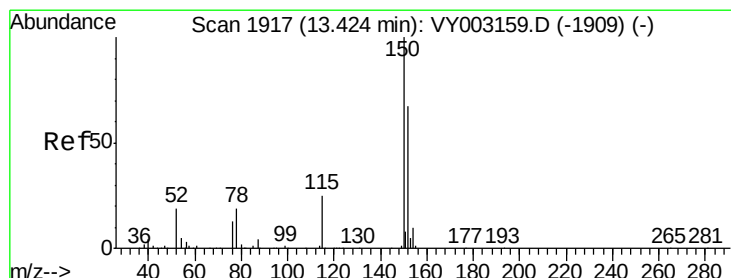
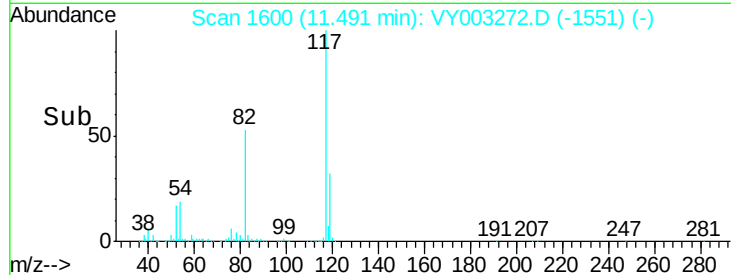
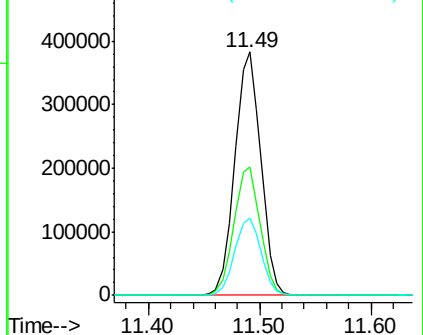
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003272.D
Acq: 22 Jul 2020 00:26

Instrument :
MSVOA_Y
ClientSampleId :
11977

Tot Ion:117 Resp: 617406
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 31.7 25.5 38.3

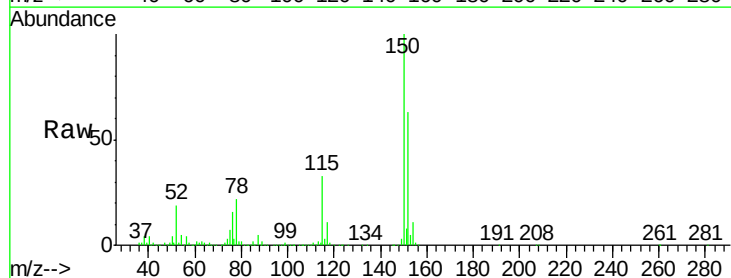


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003272.D
Acq: 22 Jul 2020 00:26

Tgt Ion:152 Resp: 311038
Ion Ratio Lower Upper
152 100
115 52.4 26.9 80.7
150 155.6 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

