

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy072220\
 Data File : VY003298.D
 Acq On : 22 Jul 2020 19:09
 Operator : SY/MD
 Sample : L3308-14RE
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 14RE

Quant Time: Jul 23 06:28:07 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	380463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	265295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	195396	60.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.70%	
35) Dibromofluoromethane	7.72	113	187228	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	10.18	98	727696	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	
62) 4-Bromofluorobenzene	12.48	95	232926	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

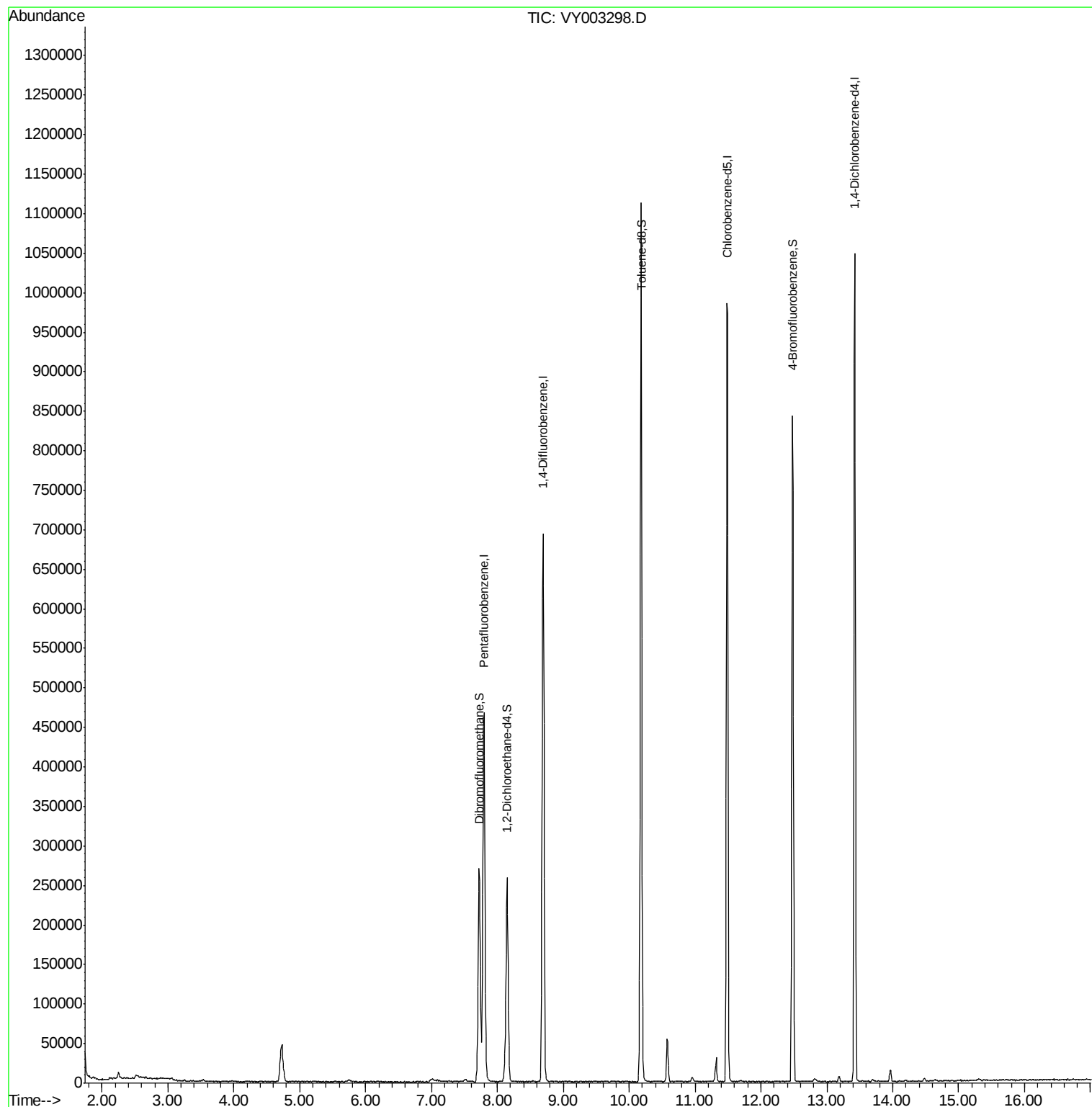
Target Compounds	Qvalue

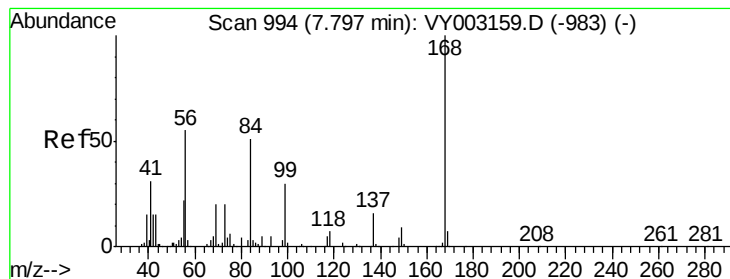
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003298.D

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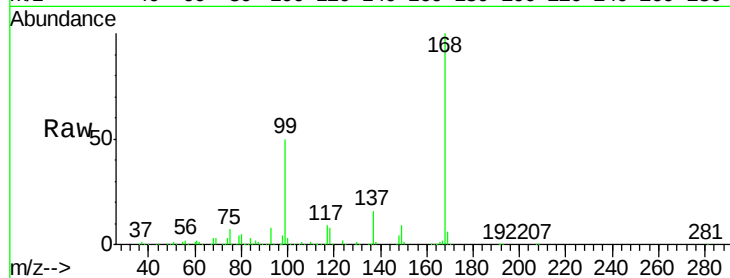
Instrument :
MSVOA_Y
ClientSampleId :
14RE

Tgt Ion: 168 Resp: 380463

Ion Ratio Lower Upper

168 100

99 49.6 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

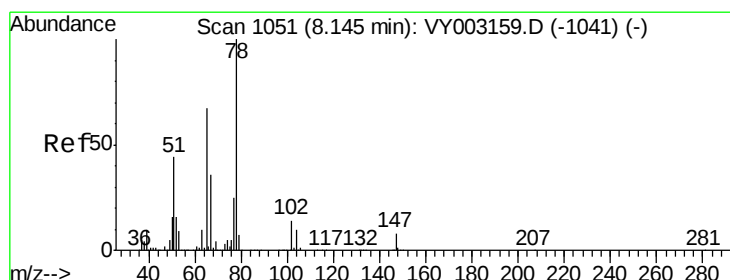
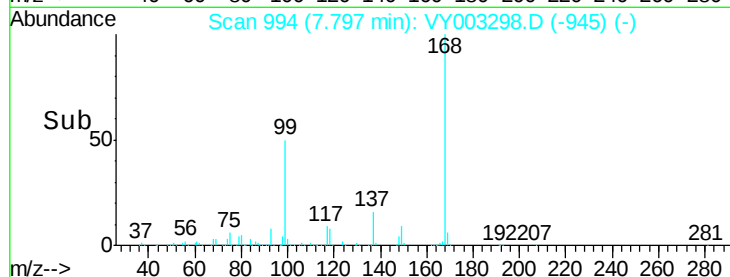
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.848 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003298.D

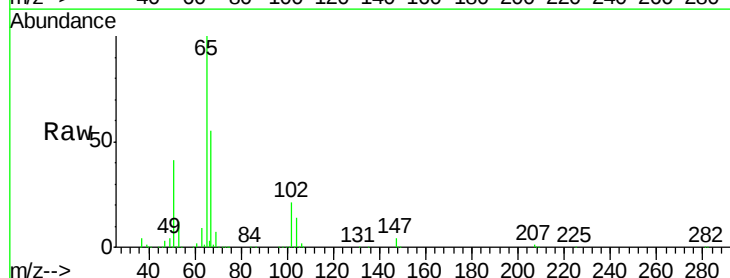
Acq: 22 Jul 2020 19:09

Tgt Ion: 65 Resp: 195396

Ion Ratio Lower Upper

65 100

67 54.2 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

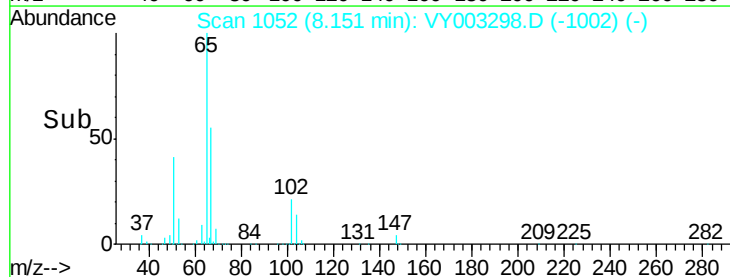
60000

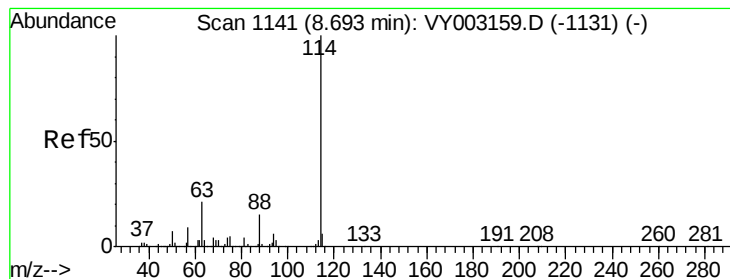
40000

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: VY003298.D

Acq: 22 Jul 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

14RE

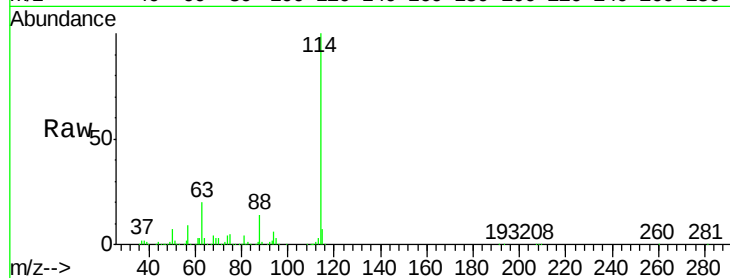
Tgt Ion:114 Resp: 598546

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

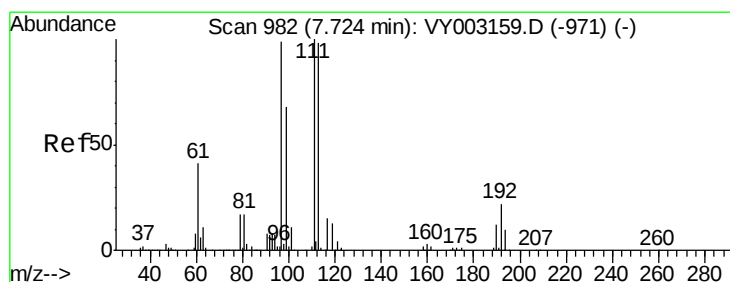
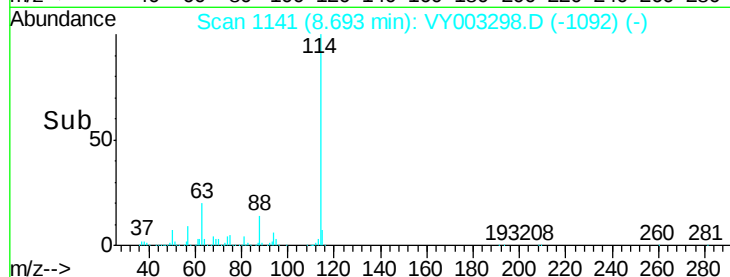
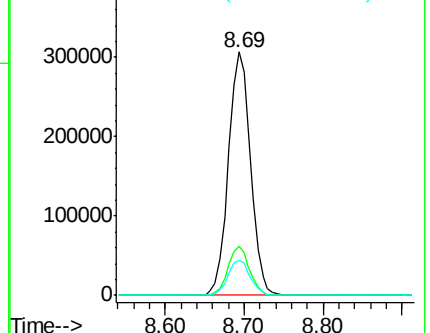
88 14.5 0.0 30.2



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: 54.356 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

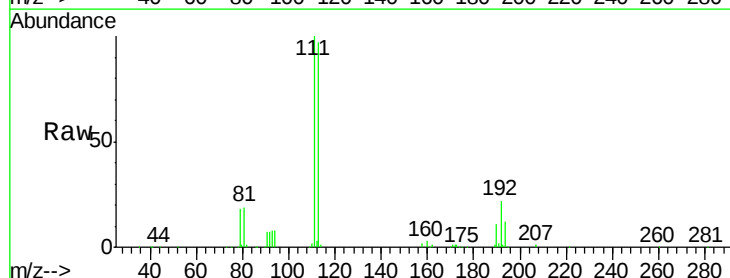
Tgt Ion:113 Resp: 187228

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

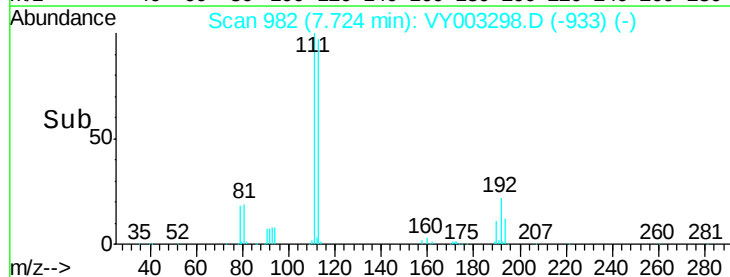
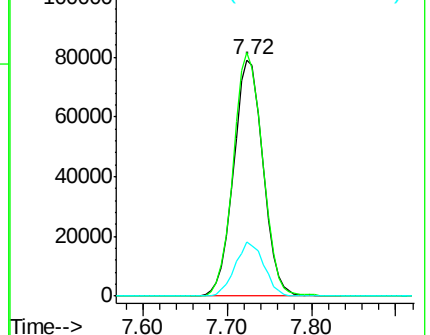
192 22.6 18.8 28.2

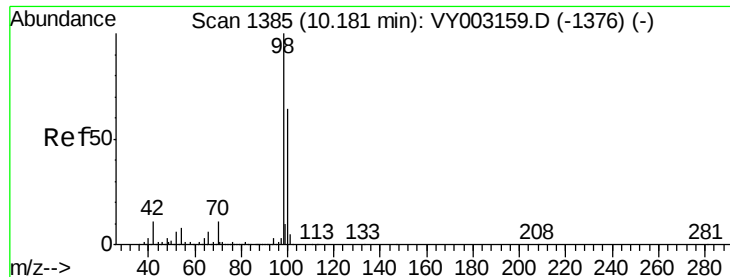


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.824 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

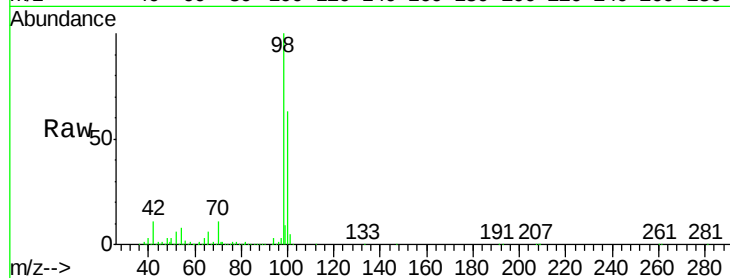
14RE

Tgt Ion: 98 Resp: 727696

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY003159.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY003159.D (-1376) (-)

10.18

400000

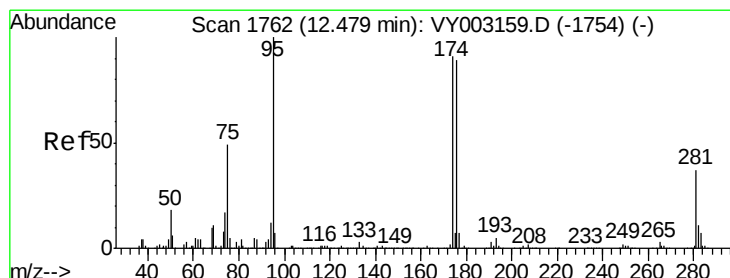
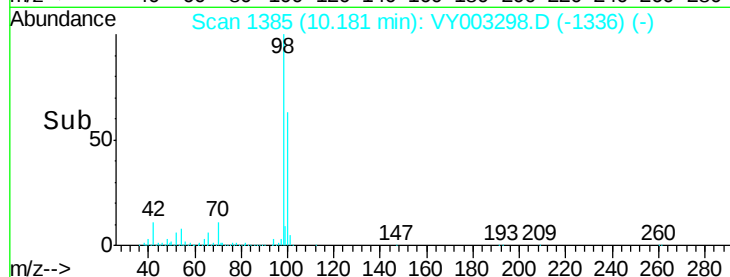
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.348 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003298.D

Acq: 22 Jul 2020 19:09

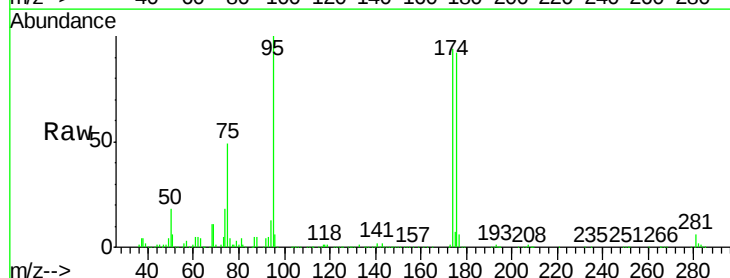
Tgt Ion: 95 Resp: 232926

Ion Ratio Lower Upper

95 100

174 94.8 0.0 190.6

176 92.7 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) (-)

12.48

200000

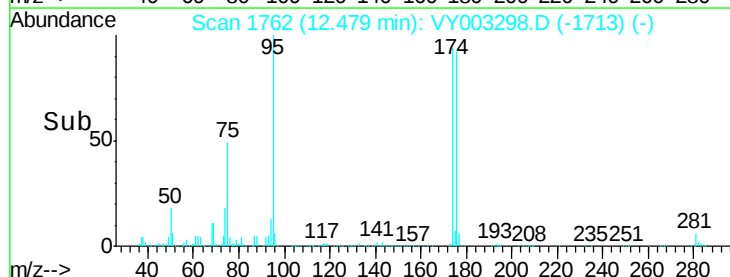
150000

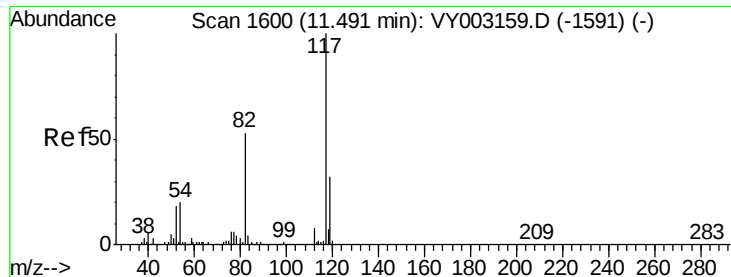
100000

50000

0

Time-->

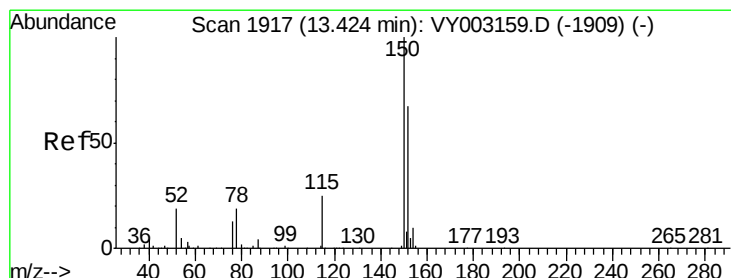
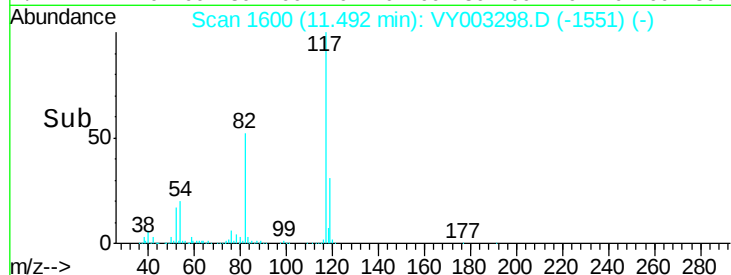
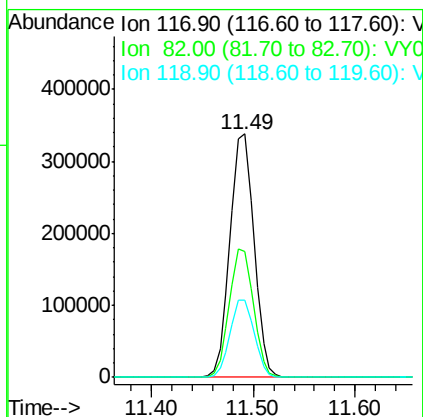
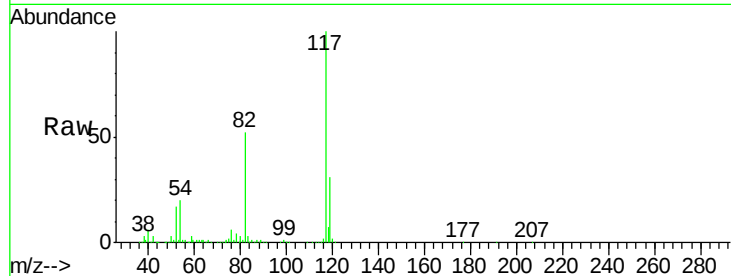




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003298.D
Acq: 22 Jul 2020 19:09

Instrument :
MSVOA_Y
ClientSampled :
14RE

Tgt Ion:117 Resp: 550508
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003298.D
Acq: 22 Jul 2020 19:09

Tgt Ion:152 Resp: 265295
Ion Ratio Lower Upper
152 100
115 54.6 26.9 80.7
150 157.4 0.0 338.0

