

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003398.D
 Acq On : 31 Jul 2020 18:45
 Operator : SY/MD
 Sample : L3518-22
 Misc : 4.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Aug 01 02:34:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	399476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	631219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	584589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	281295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	209801	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
35) Dibromofluoromethane	7.72	113	199375	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
50) Toluene-d8	10.18	98	767617	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.48	95	247763	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

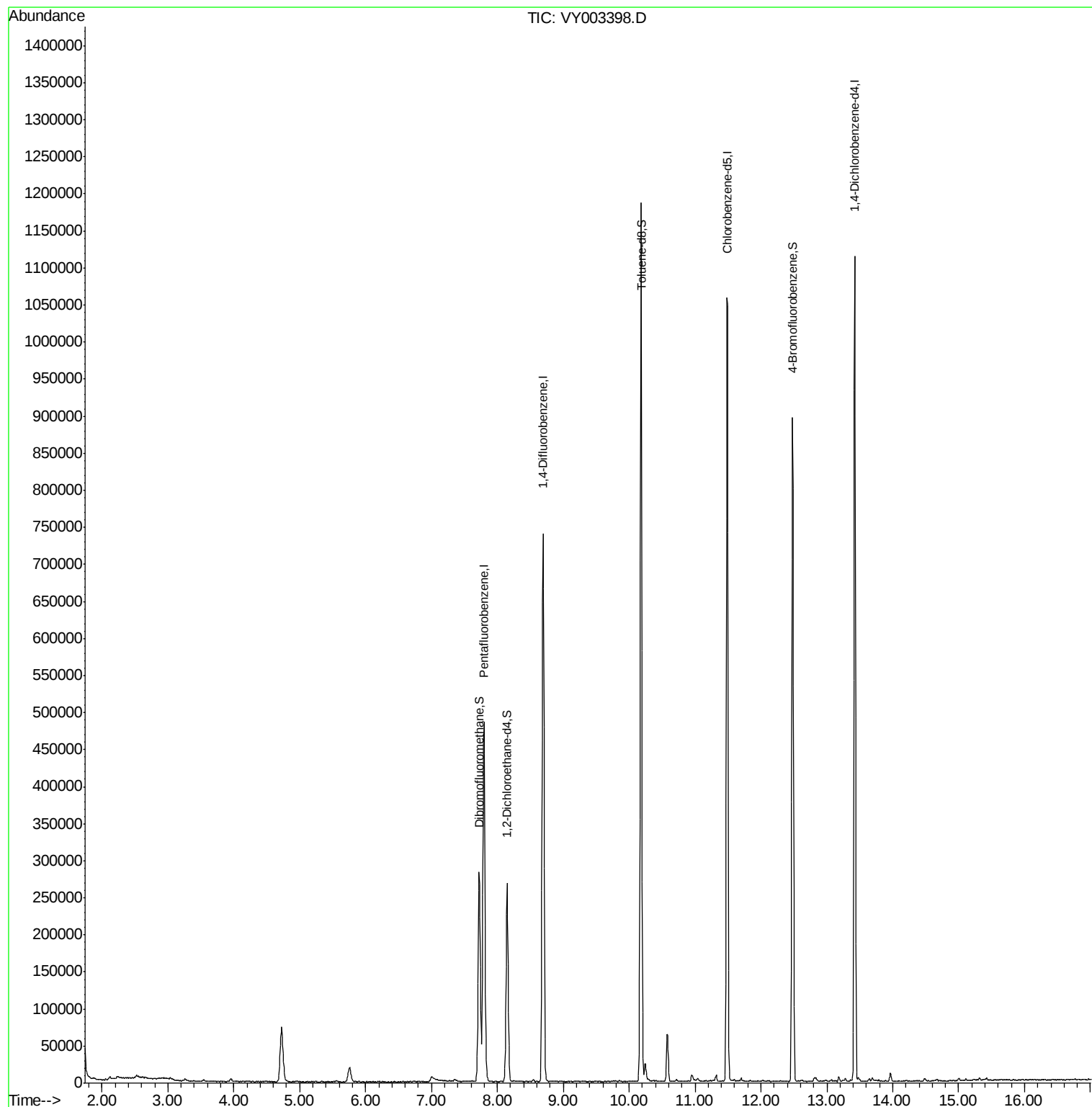
Target Compounds	Qvalue

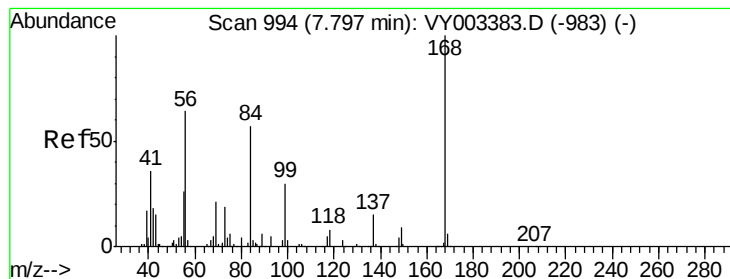
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

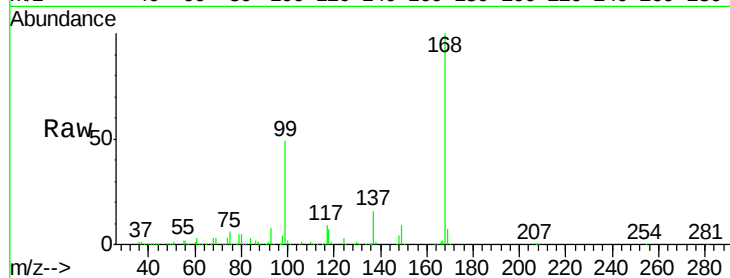
TP-8

Tot Ion:168 Resp: 399476

Ion Ratio Lower Upper

168 100

99 48.5 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003398.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003398.D (-945) (-)

7.80

200000

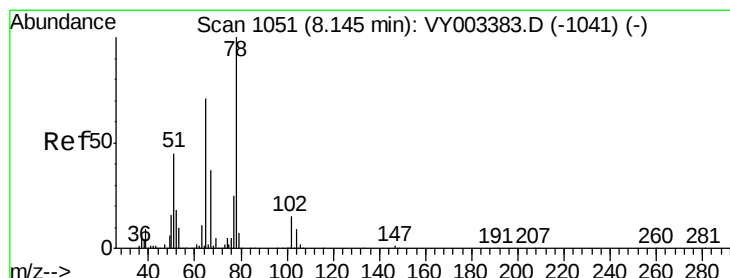
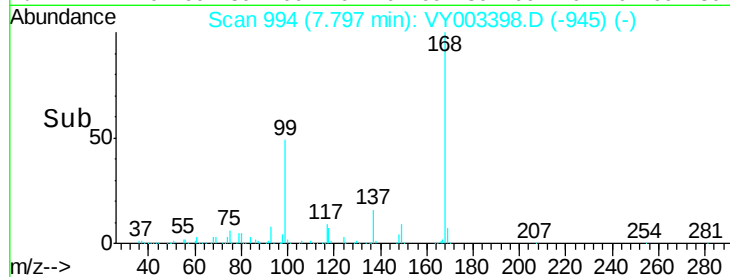
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.236 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003398.D

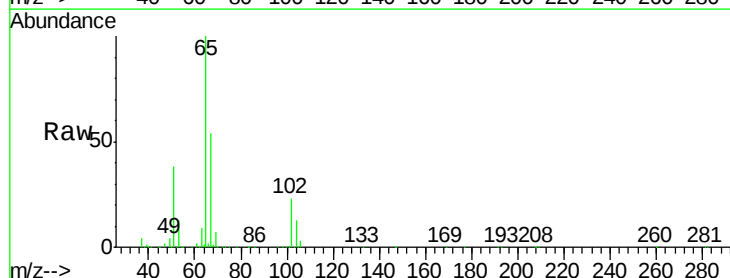
Acq: 31 Jul 2020 18:45

Tgt Ion: 65 Resp: 209801

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VY003398.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003398.D (-1002) (-)

8.15

100000

80000

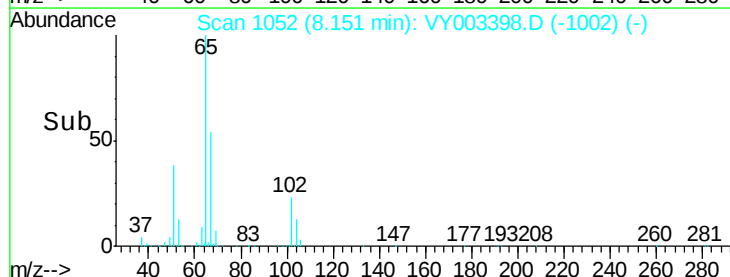
60000

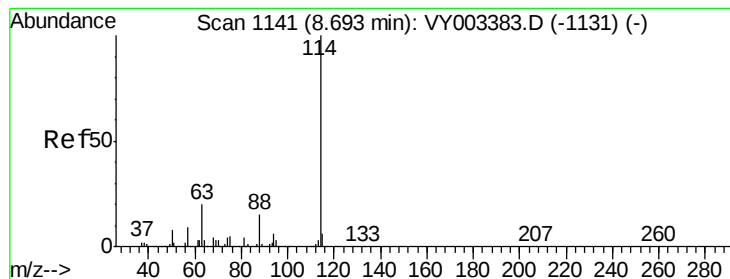
40000

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: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-8

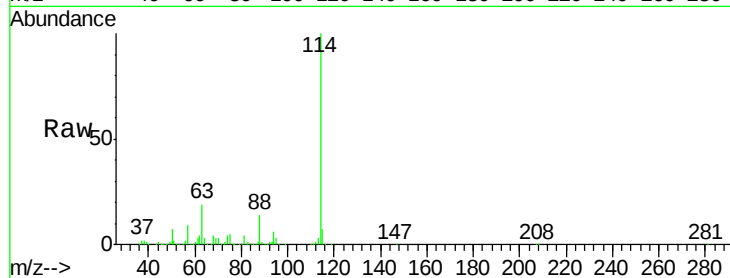
Tot Ion:114 Resp: 631219

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

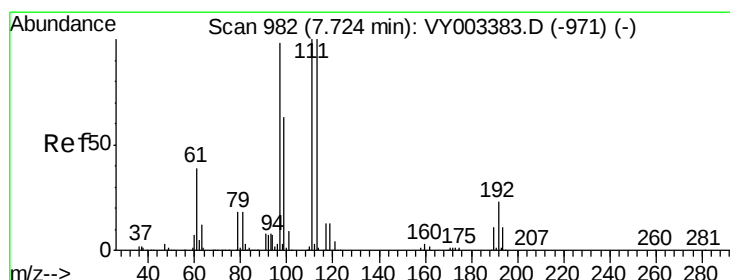
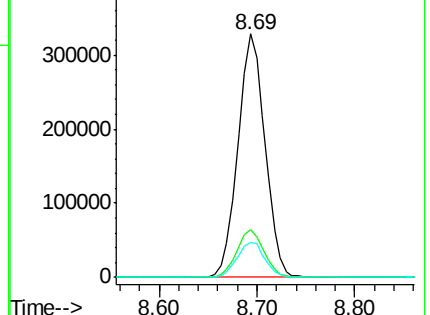
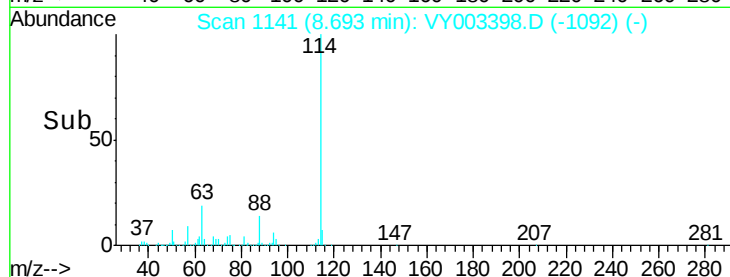
88 14.5 0.0 29.2



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: 53.620 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

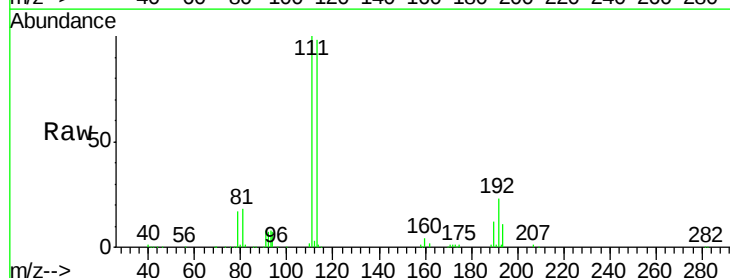
Tgt Ion:113 Resp: 199375

Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

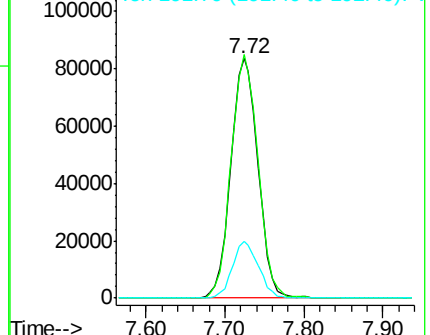
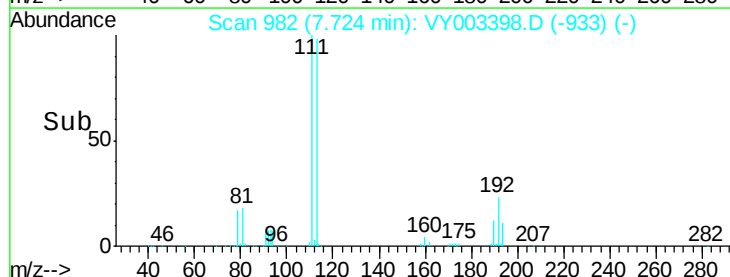
192 22.8 18.8 28.2

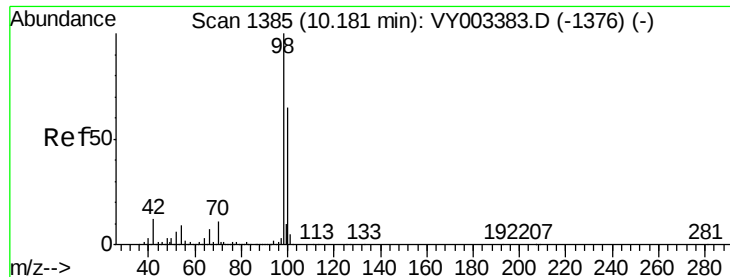


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.721 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampled :

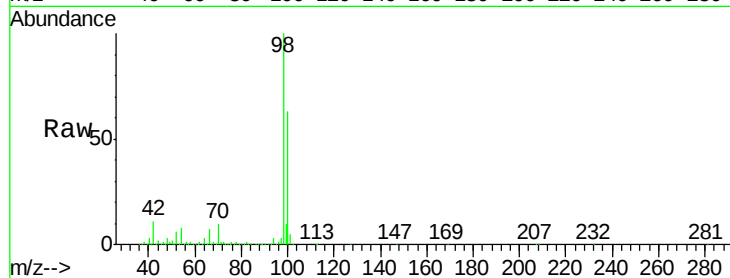
TP-8

Tot Ion: 98 Resp: 767617

Ion Ratio Lower Upper

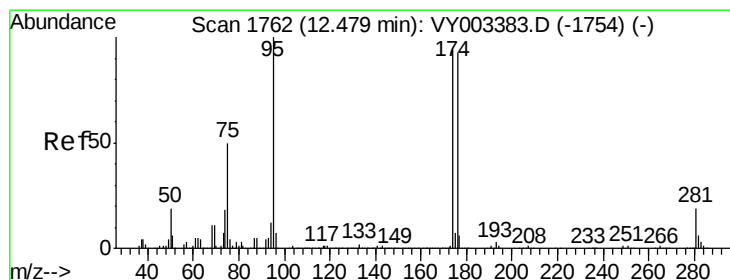
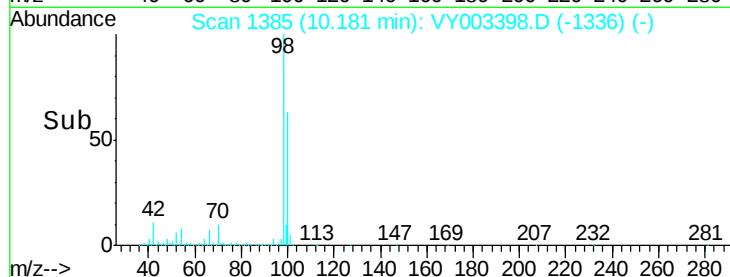
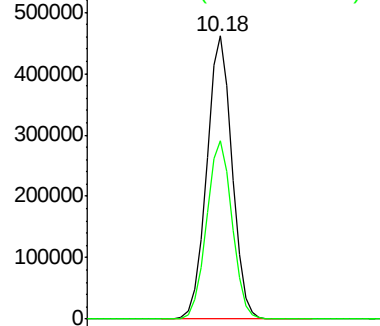
98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.803 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

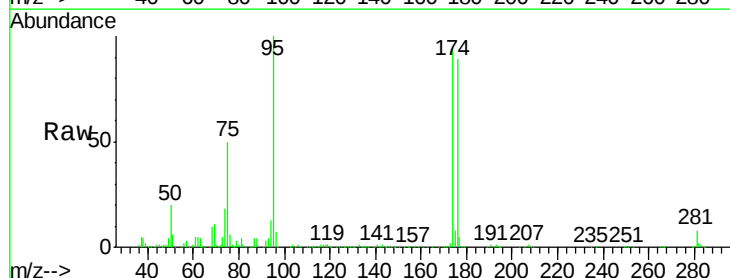
Tgt Ion: 95 Resp: 247763

Ion Ratio Lower Upper

95 100

174 96.8 0.0 190.0

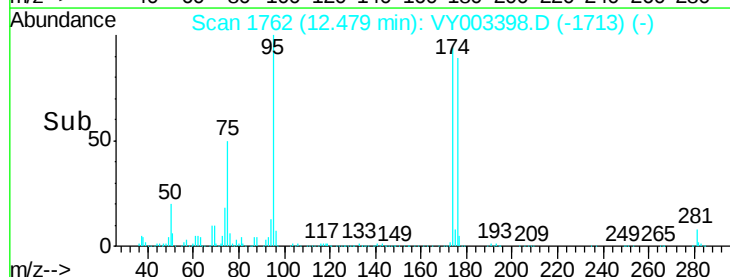
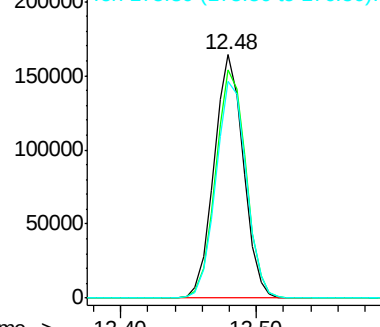
176 92.4 0.0 184.4

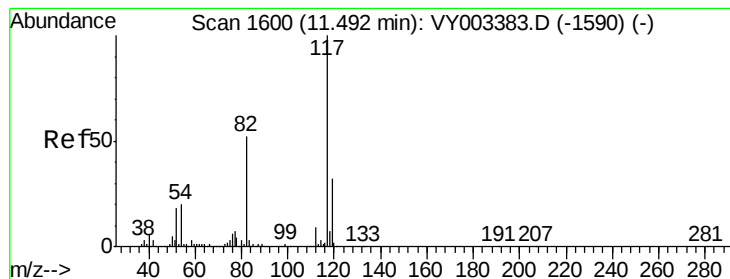


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-8

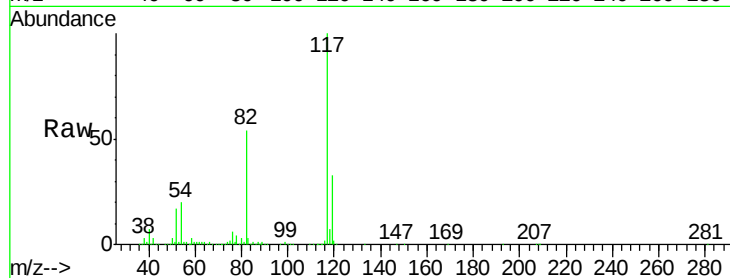
Tot Ion:117 Resp: 584589

Ion Ratio Lower Upper

117 100

82 54.1 41.9 62.9

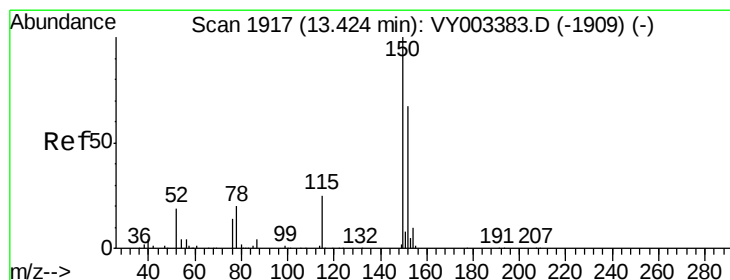
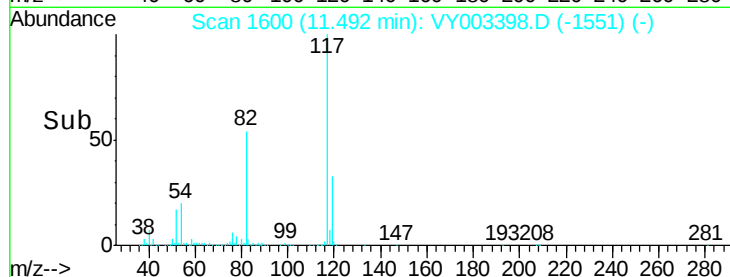
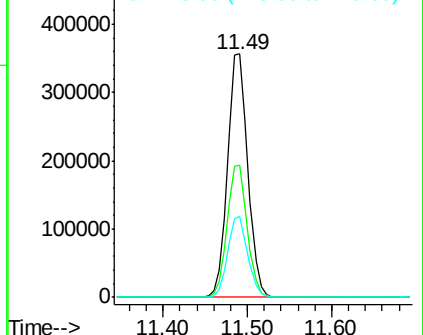
119 33.2 25.4 38.0



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: VY003398.D

Acq: 31 Jul 2020 18:45

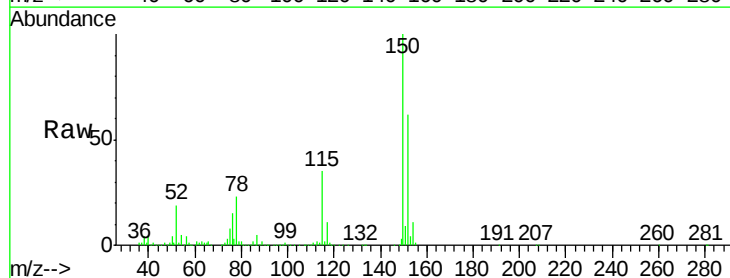
Tgt Ion:152 Resp: 281295

Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.5

150 156.9 0.0 346.8



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

