

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000154.D
 Acq On : 26 Sep 2019 15:52
 Operator : SY/MD
 Sample : K5038-06
 Misc : 6.56g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN-3

Quant Time: Sep 26 17:00:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	107678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	186901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	153462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	58144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	46455	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	7.72	113	50374	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.18	98	210417	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.48	95	61630	40.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.64%	

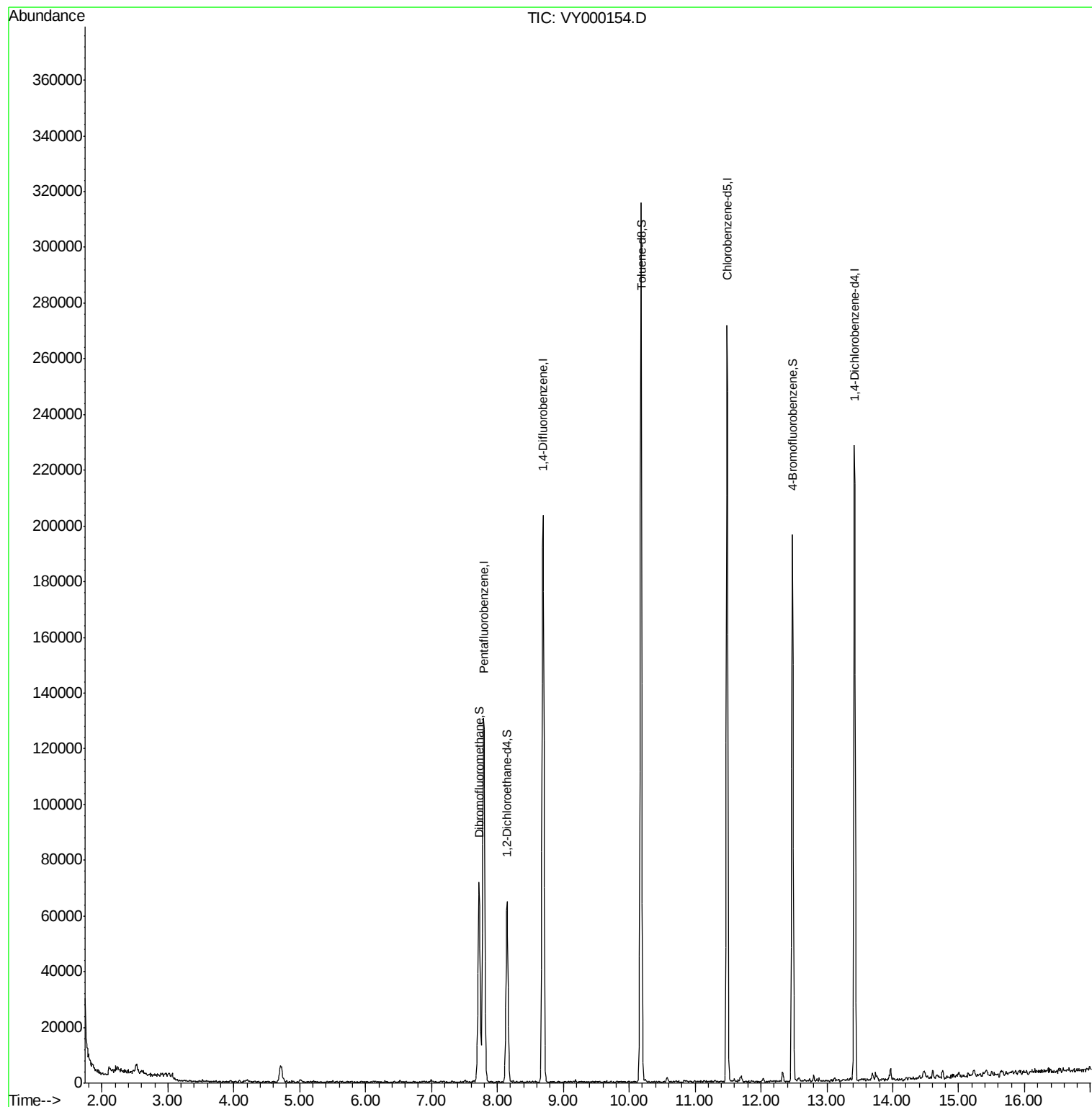
Target Compounds	Qvalue

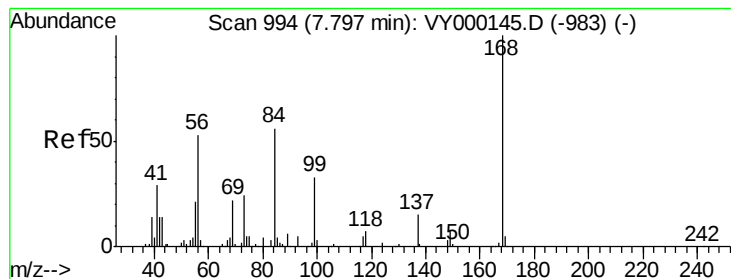
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000154.D

Acq: 26 Sep 2019 15:52

Instrument :

MSVOA_Y

ClientSampled :

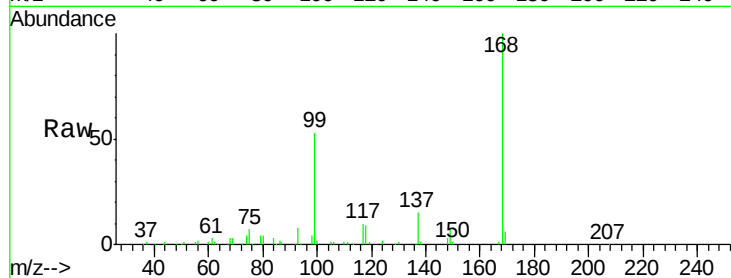
DN-3

Tot Ion:168 Resp: 107678

Ion Ratio Lower Upper

168 100

99 52.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000145.D (-983) (-)

7.80

50000

40000

30000

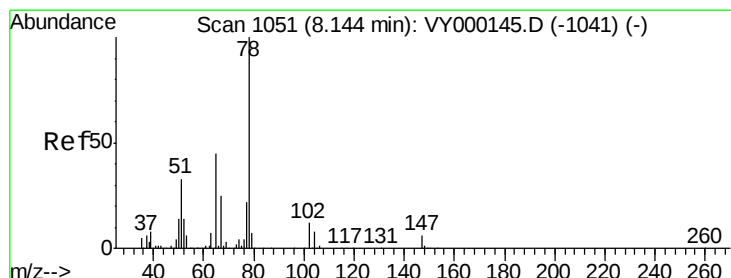
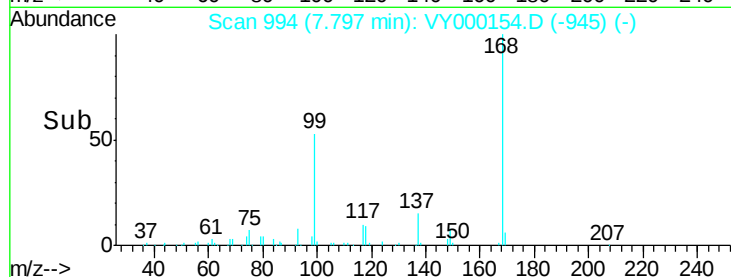
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 49.263 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY000154.D

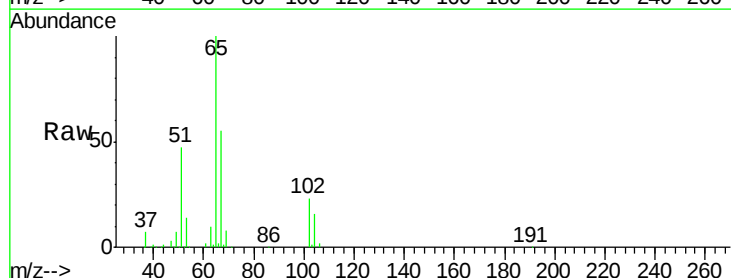
Acq: 26 Sep 2019 15:52

Tgt Ion: 65 Resp: 46455

Ion Ratio Lower Upper

65 100

67 58.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY000145.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000145.D (-1041) (-)

8.14

25000

20000

15000

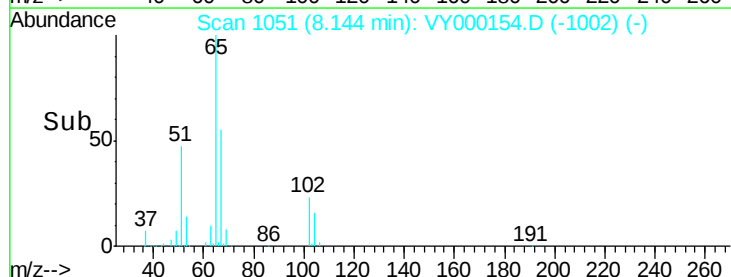
10000

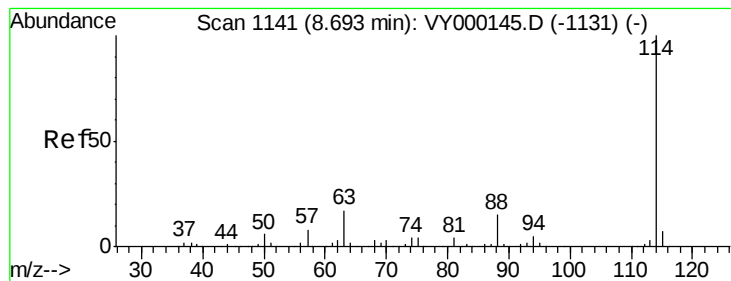
5000

0

Time-->

8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000154.D

Acq: 26 Sep 2019 15:52

Instrument :

MSVOA_Y

ClientSampleId :

DN-3

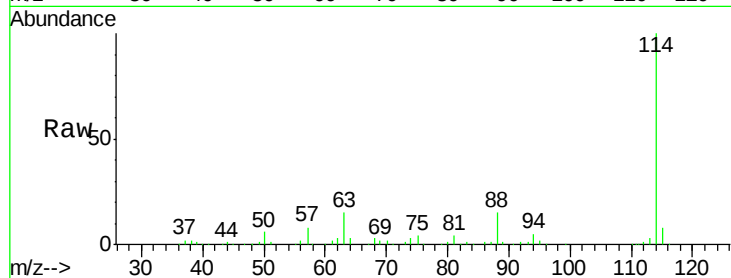
Tot Ion:114 Resp: 186901

Ion Ratio Lower Upper

114 100

63 15.2 0.0 34.6

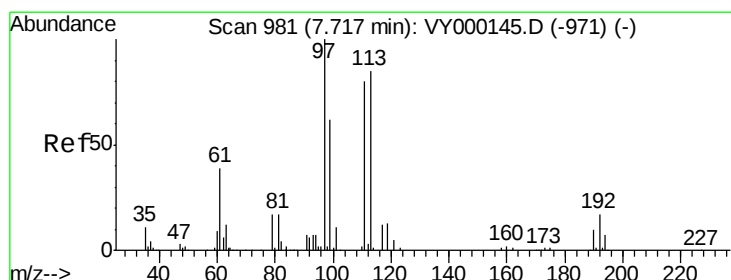
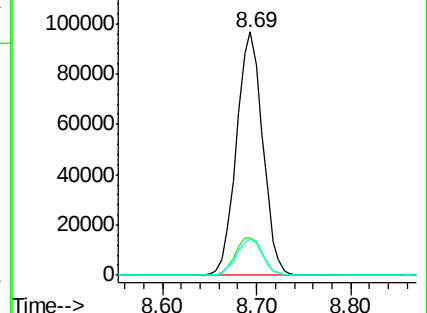
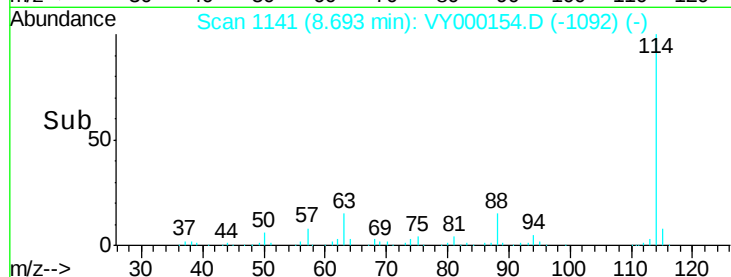
88 14.7 0.0 30.6



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: 51.466 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY000154.D

Acq: 26 Sep 2019 15:52

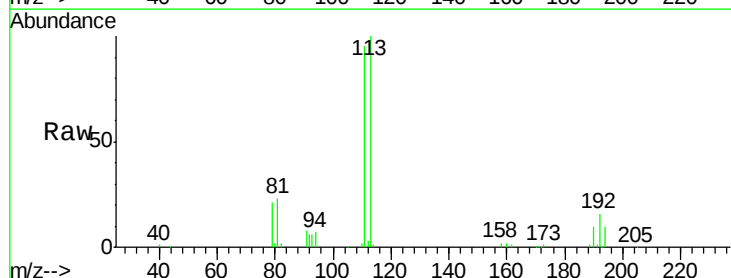
Tgt Ion:113 Resp: 50374

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

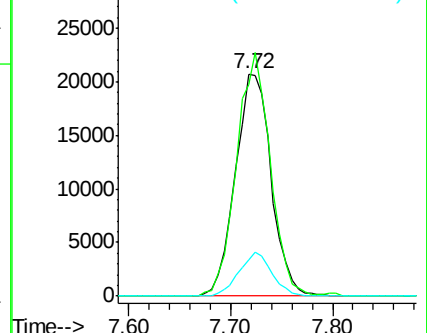
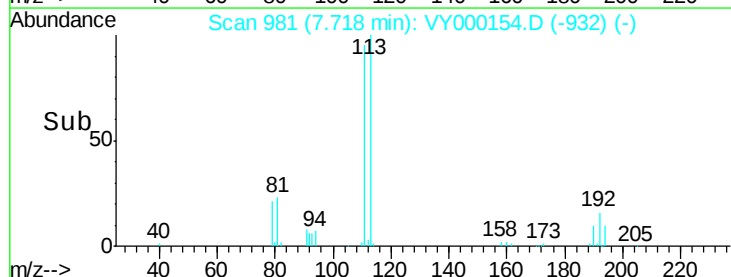
192 17.9 17.3 25.9

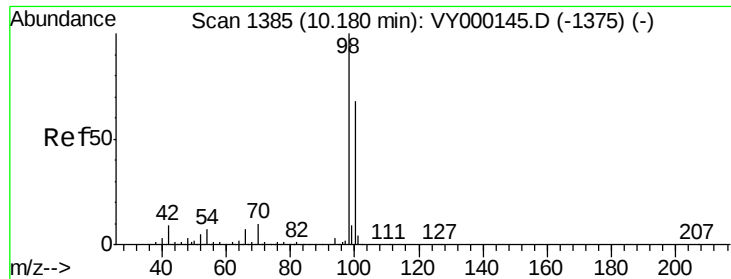


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.802 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000154.D

Acq: 26 Sep 2019 15:52

Instrument :

MSVOA_Y

ClientSampled :

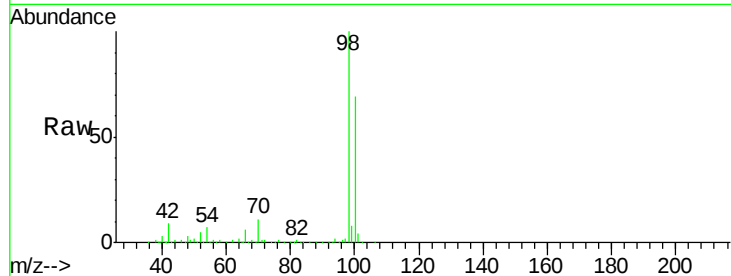
DN-3

Tot Ion: 98 Resp: 210417

Ion Ratio Lower Upper

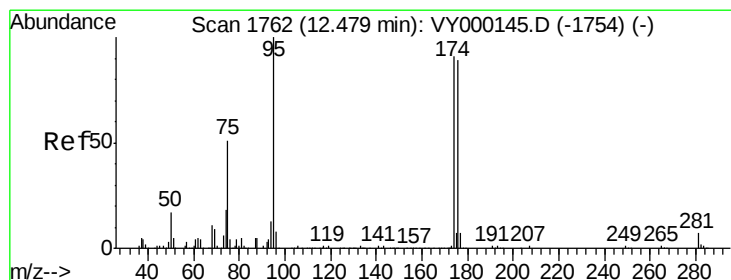
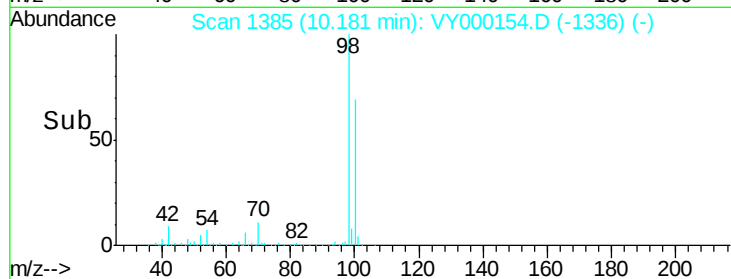
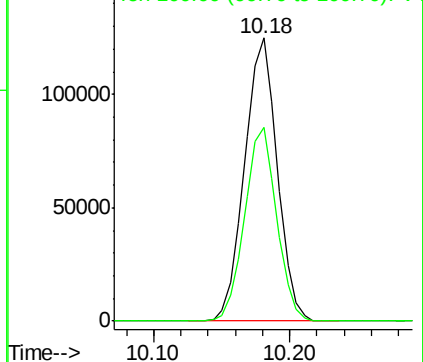
98 100

100 66.9 54.2 81.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 40.823 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000154.D

Acq: 26 Sep 2019 15:52

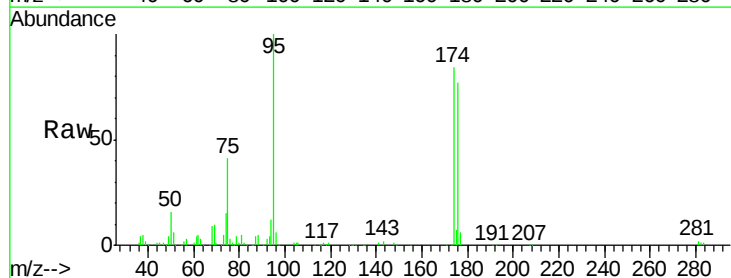
Tgt Ion: 95 Resp: 61630

Ion Ratio Lower Upper

95 100

174 83.4 0.0 180.6

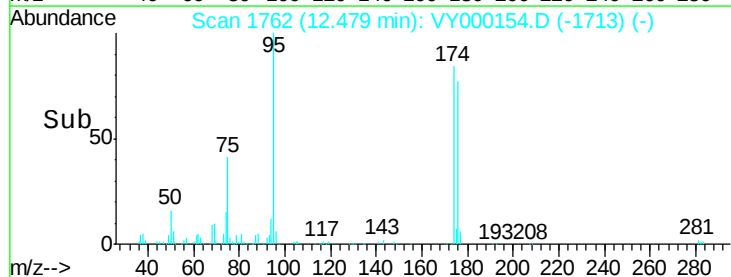
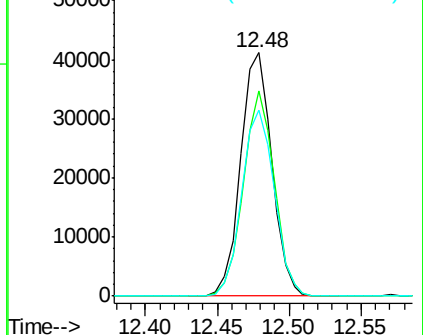
176 79.9 0.0 171.6

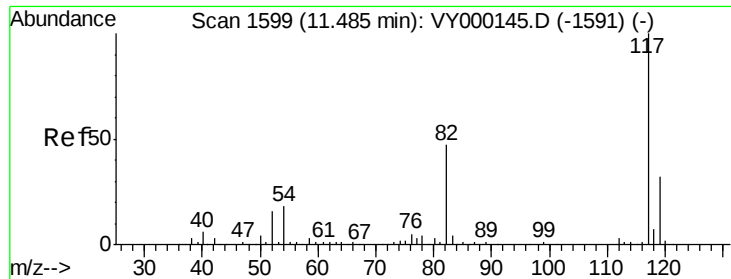


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY000154.D

Acq: 26 Sep 2019 15:52

Instrument :

MSVOA_Y

ClientSampleId :

DN-3

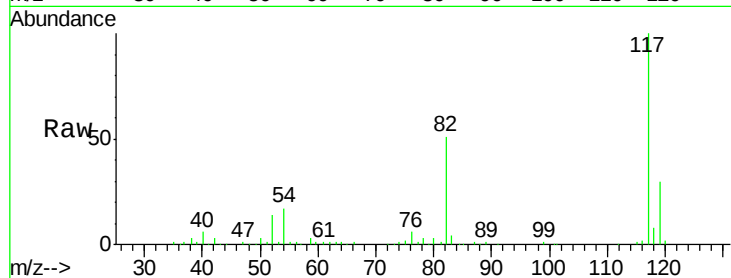
Tot Ion:117 Resp: 153462

Ion Ratio Lower Upper

117 100

82 51.3 37.7 56.5

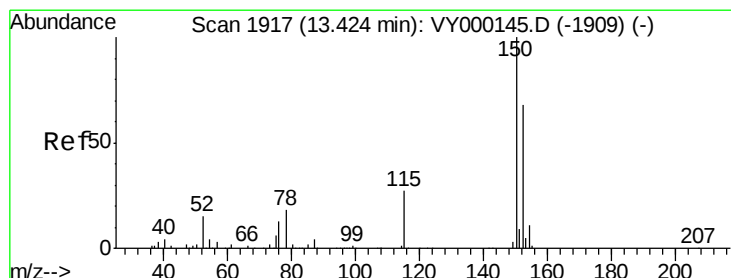
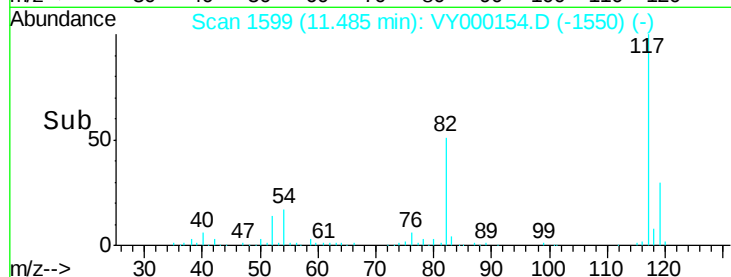
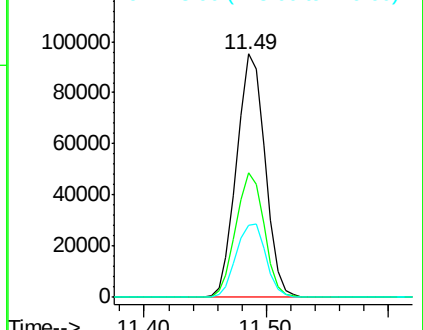
119 29.7 25.4 38.2



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# 1916

Delta R.T. -0.01 min

Lab File: VY000154.D

Acq: 26 Sep 2019 15:52

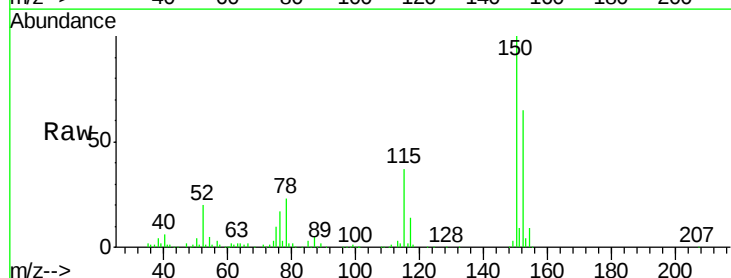
Tgt Ion:152 Resp: 58144

Ion Ratio Lower Upper

152 100

115 57.8 26.8 80.4

150 162.5 0.0 347.8



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

