

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001561.D
 Acq On : 07 Feb 2020 17:53
 Operator : SY/MD
 Sample : L1403-03
 Misc : 9.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-4-4.5

Quant Time: Feb 08 03:35:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	178316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	314339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125696	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102168	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
35) Dibromofluoromethane	7.75	113	91733	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.19	98	371647	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.49	95	130257	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

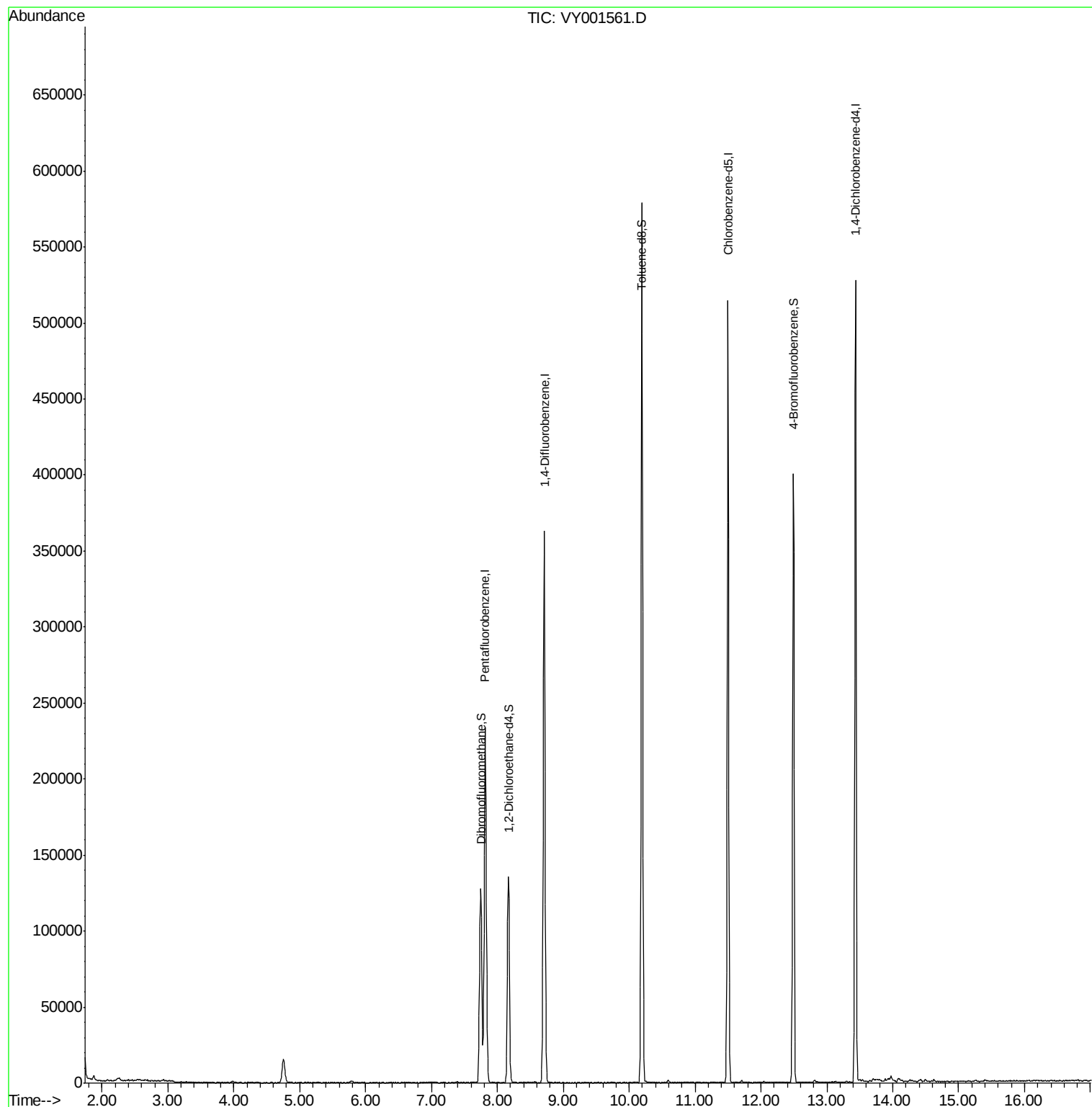
Target Compounds	Qvalue

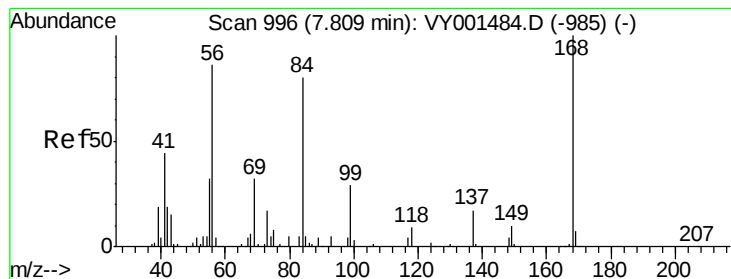
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001561.D

Acq: 07 Feb 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

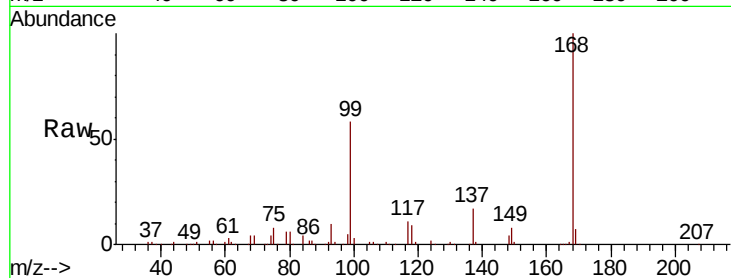
SB-3-4-4.5

Tot Ion:168 Resp: 178316

Ion Ratio Lower Upper

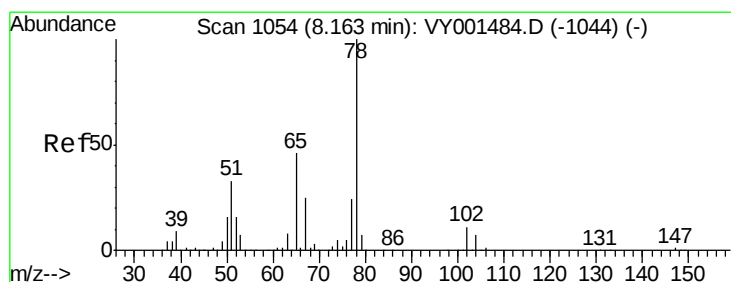
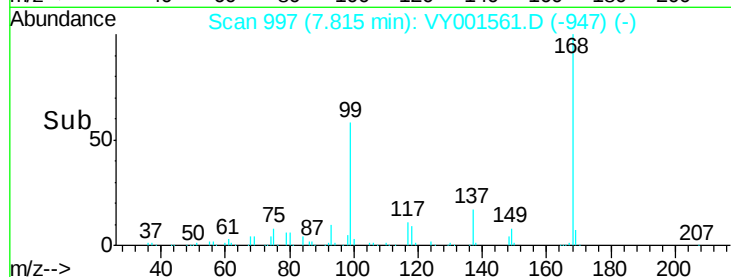
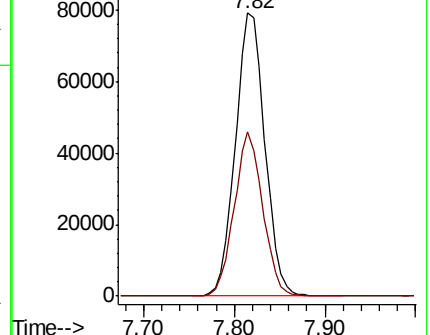
168 100

99 57.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.906 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001561.D

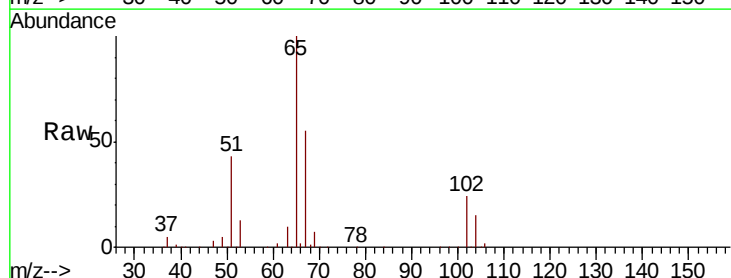
Acq: 07 Feb 2020 17:53

Tgt Ion: 65 Resp: 102168

Ion Ratio Lower Upper

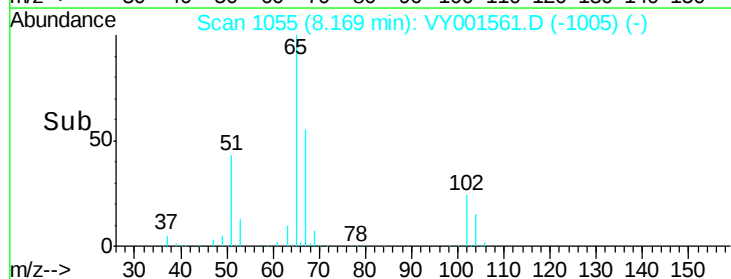
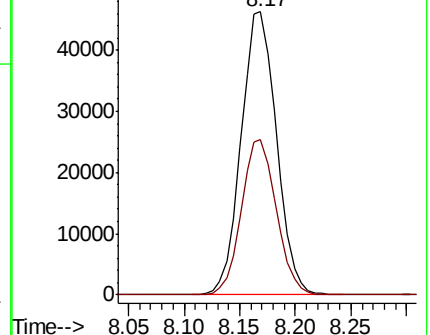
65 100

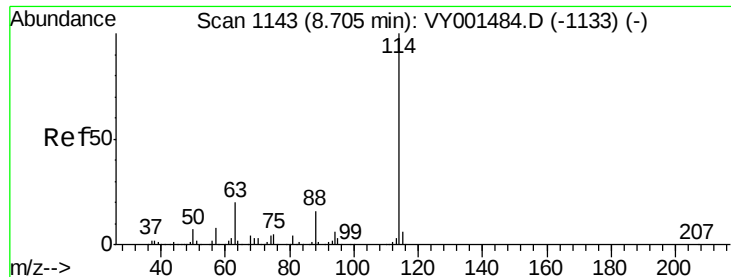
67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001484.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001484.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001561.D

Acq: 07 Feb 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-4-4.5

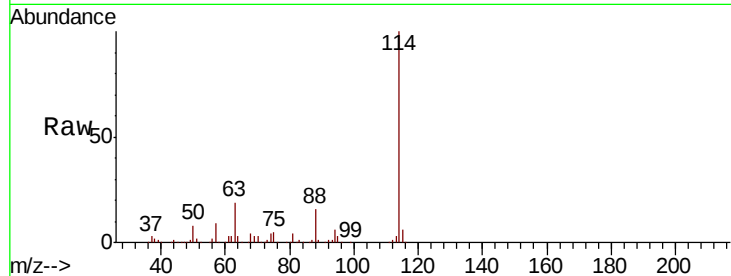
Tot Ion:114 Resp: 314339

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

88 16.0 0.0 32.6



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

8.71

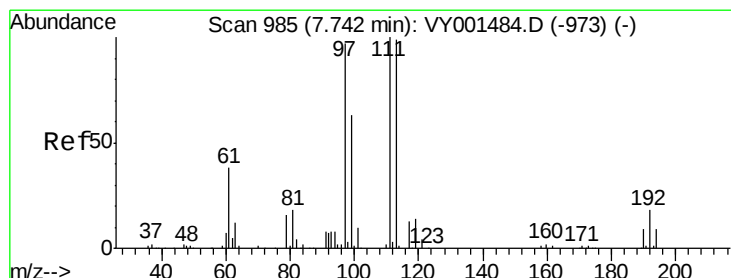
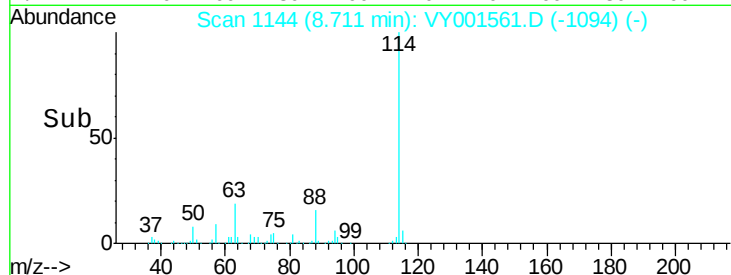
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#35

Dibromofluoromethane

Concen: 50.608 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001561.D

Acq: 07 Feb 2020 17:53

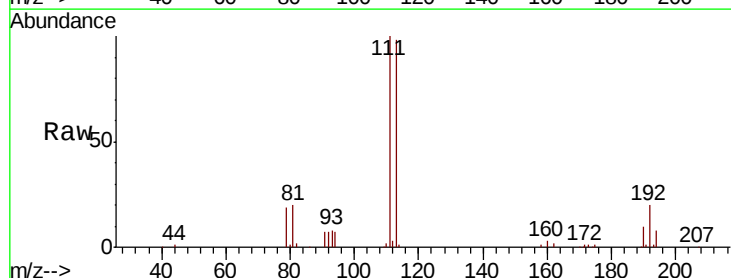
Tgt Ion:113 Resp: 91733

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 19.7 14.6 22.0



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

7.75

50000

40000

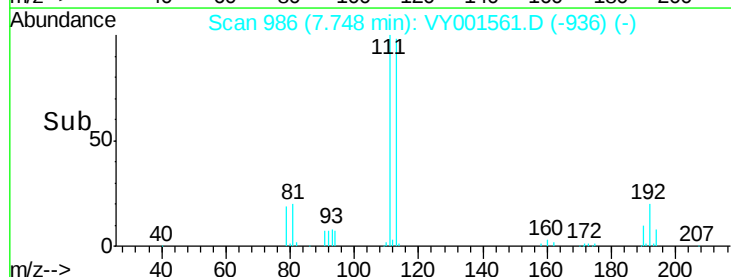
30000

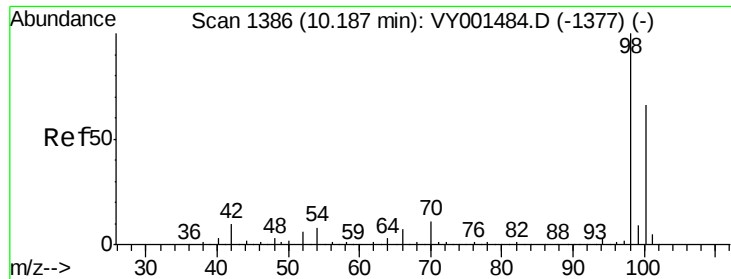
20000

10000

0

Time--> 7.60 7.70 7.80 7.90





#50

Toluene-d8

Concen: 54.192 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001561.D

Acq: 07 Feb 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

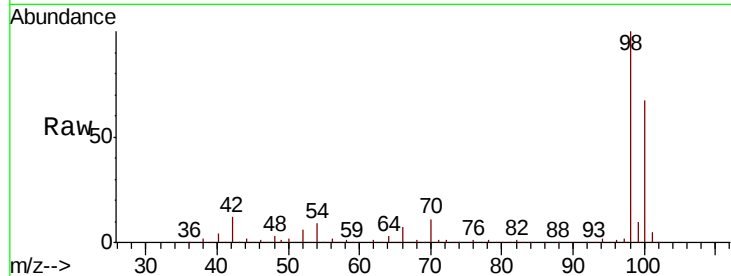
SB-3-4-4.5

Tot Ion: 98 Resp: 371647

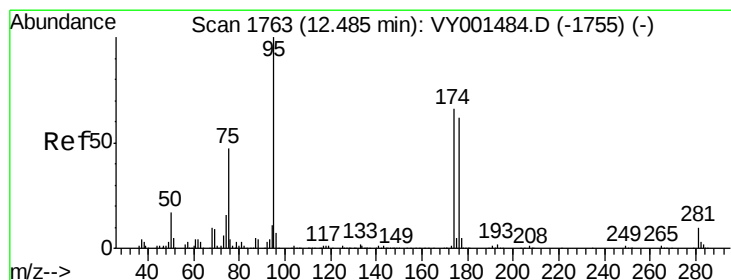
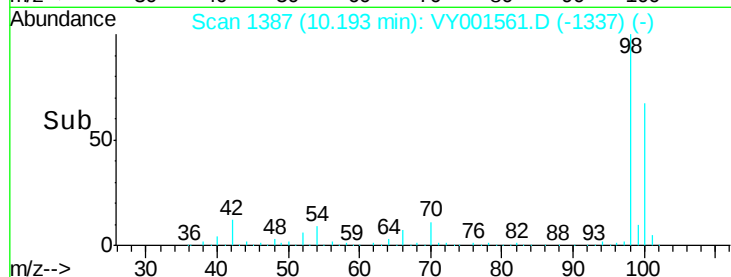
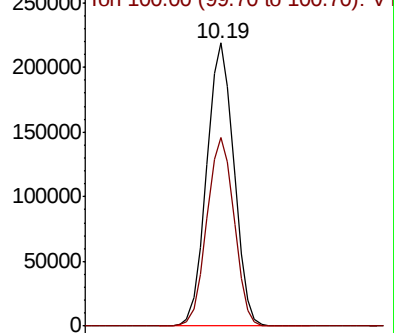
Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 48.214 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001561.D

Acq: 07 Feb 2020 17:53

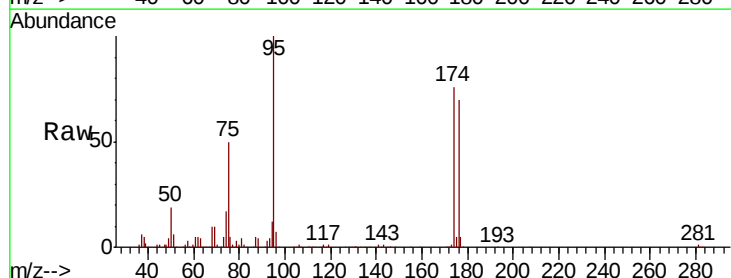
Tgt Ion: 95 Resp: 130257

Ion Ratio Lower Upper

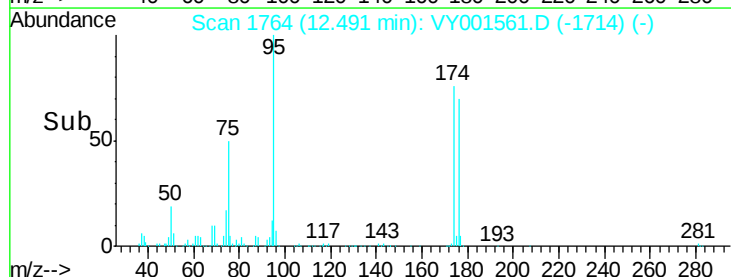
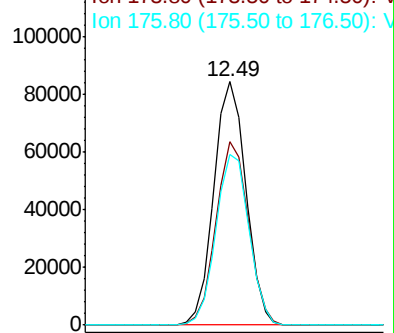
95 100

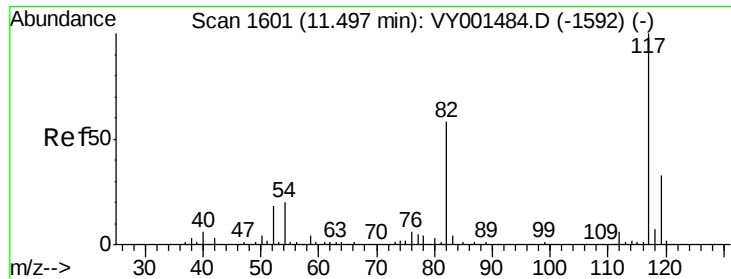
174 75.9 0.0 141.4

176 72.1 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

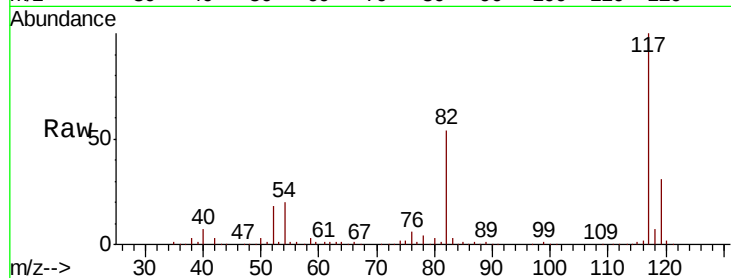




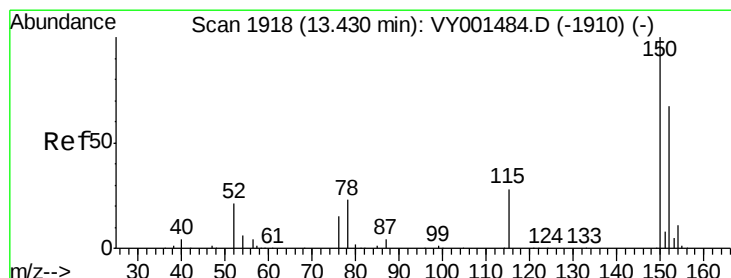
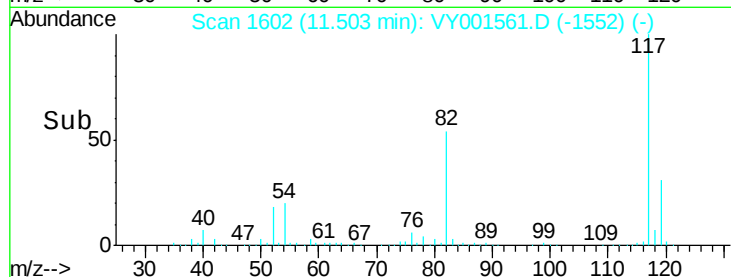
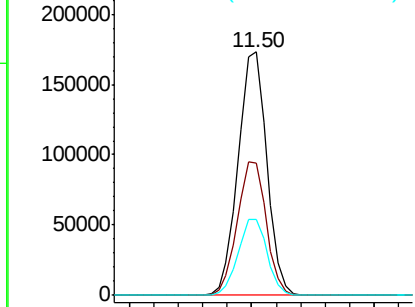
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001561.D
Acq: 07 Feb 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-4-4.5

Tot Ion:117 Resp: 281651
Ion Ratio Lower Upper
117 100
82 54.3 46.1 69.1
119 31.2 26.1 39.1

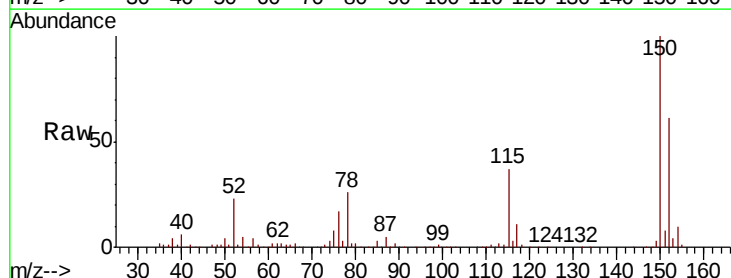


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001561.D
Acq: 07 Feb 2020 17:53

Tgt Ion:152 Resp: 125696
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.3
150 159.7 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

