

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001500.D
 Acq On : 05 Feb 2020 12:12
 Operator : SY/MD
 Sample : VY0205SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBL01

Quant Time: Feb 05 16:35:06 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	233718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	407398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	364574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	171236	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	133784	56.85	ug/l	0.00
Spiked Amount			Recovery	=	113.70%	
35) Dibromofluoromethane	7.74	113	124391	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
50) Toluene-d8	10.19	98	504772	56.79	ug/l	0.00
Spiked Amount			Recovery	=	113.58%	
62) 4-Bromofluorobenzene	12.49	95	186936	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	

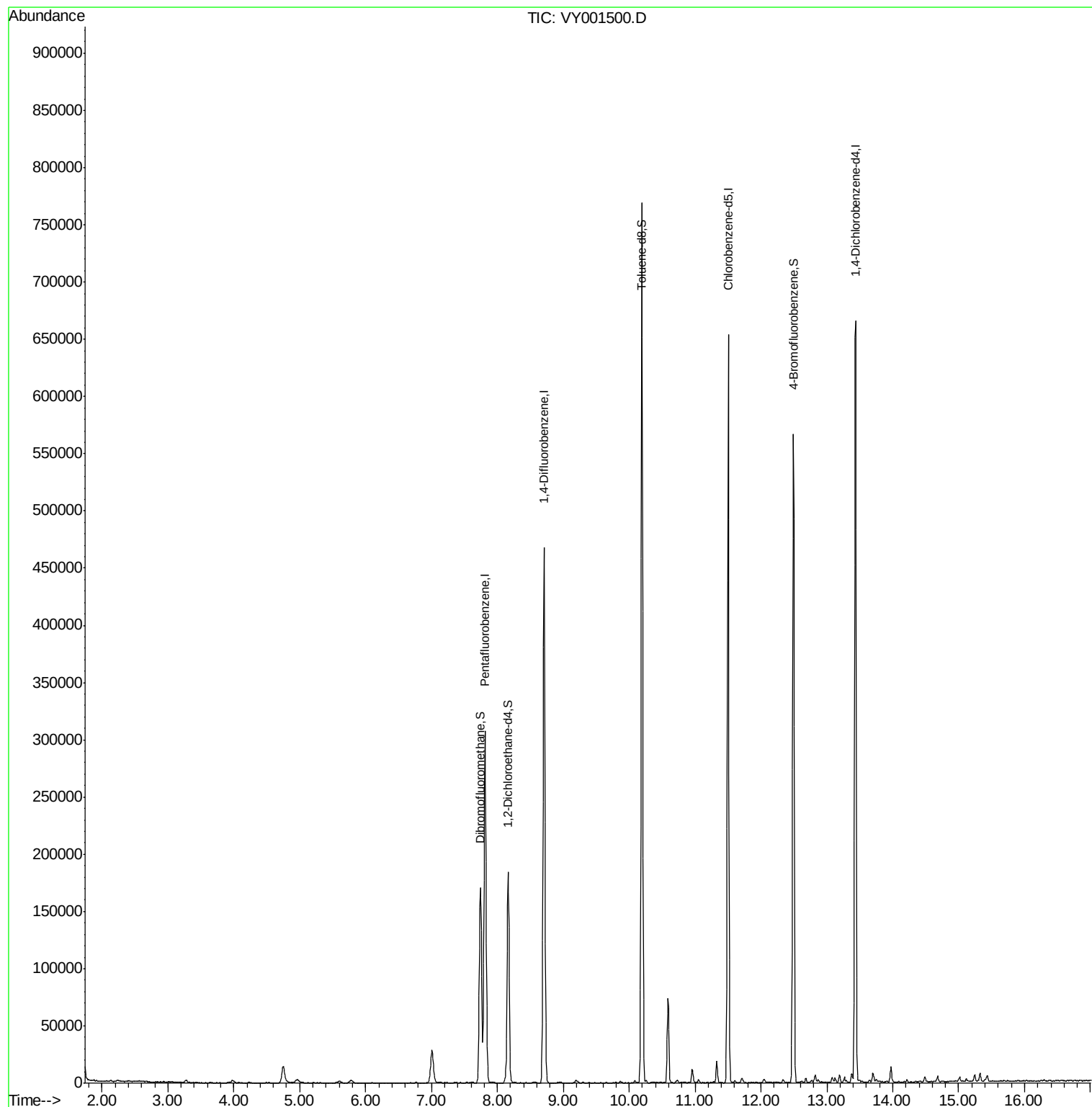
Target Compounds	Qvalue
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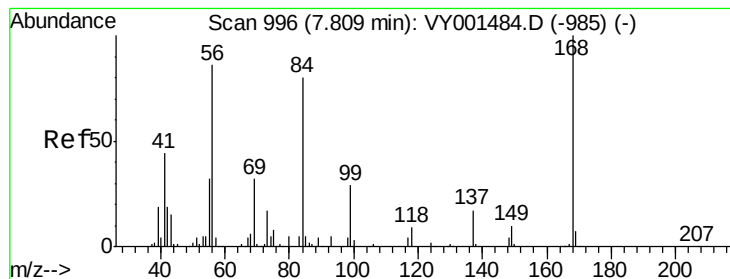
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
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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: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

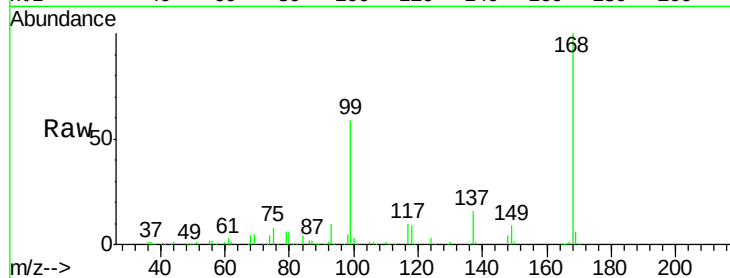
VY0205SBL01

Tot Ion:168 Resp: 233718

Ion Ratio Lower Upper

168 100

99 59.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

120000

100000

80000

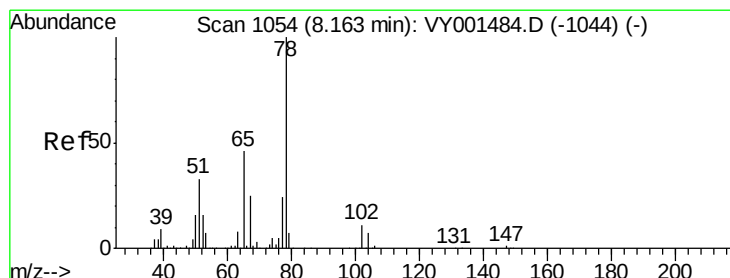
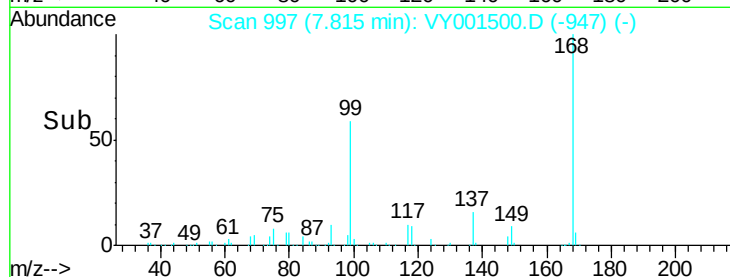
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.852 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001500.D

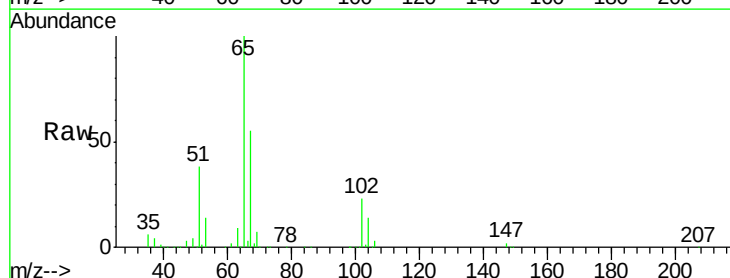
Acq: 05 Feb 2020 12:12

Tgt Ion: 65 Resp: 133784

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

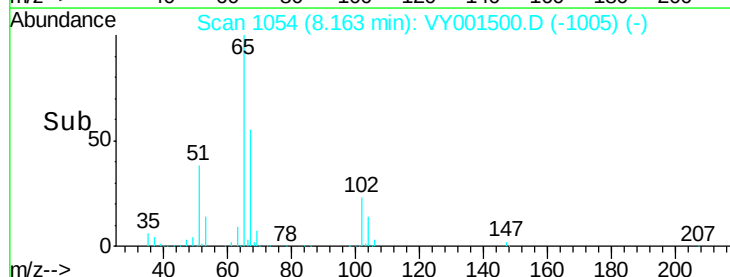
60000

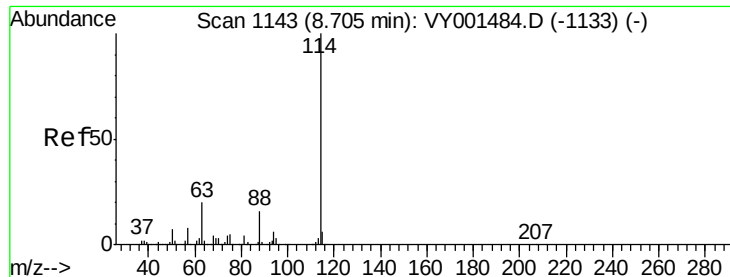
40000

20000

0

Time-->

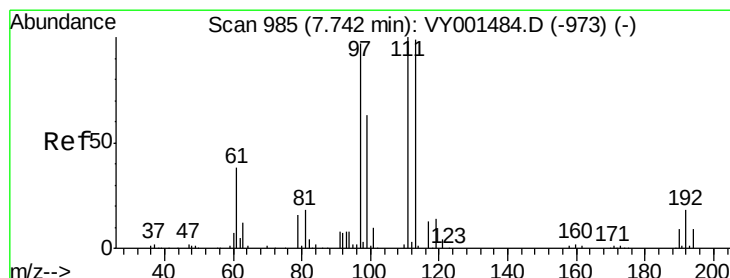
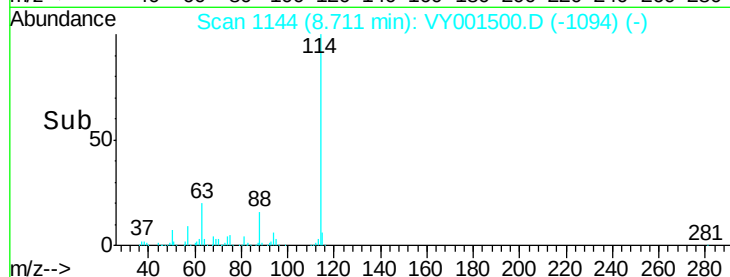
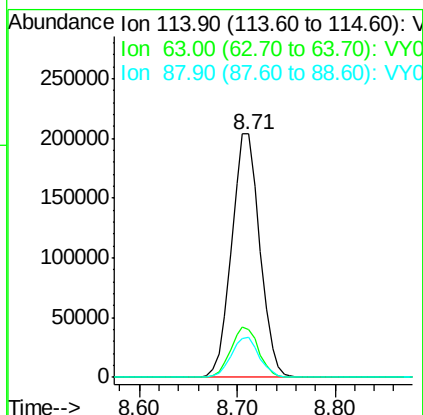
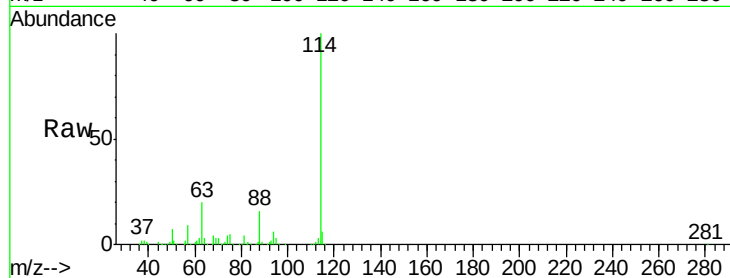




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001500.D
 Acq: 05 Feb 2020 12:12

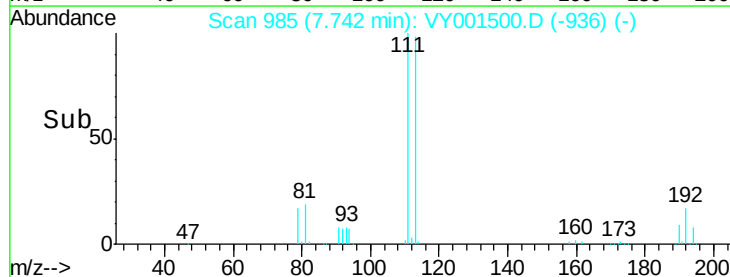
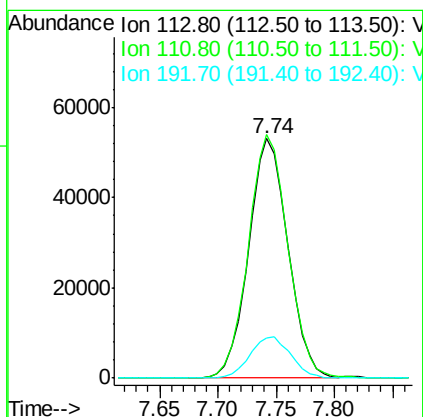
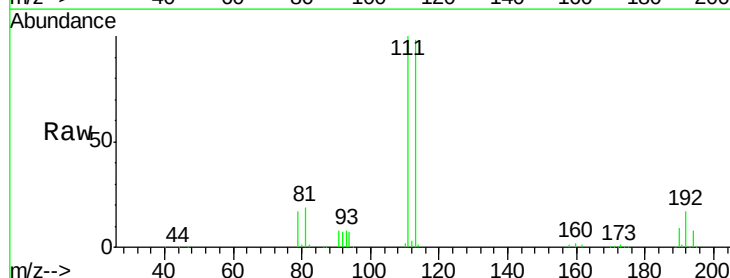
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBL01

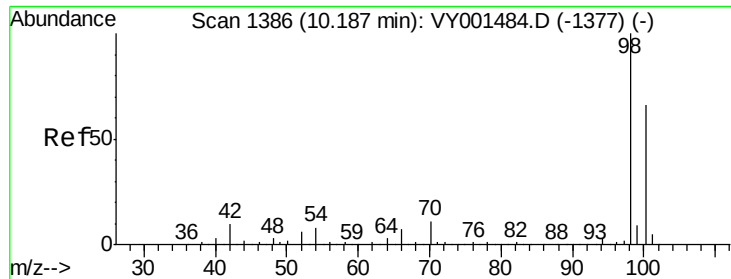
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	16.2	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.949 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001500.D
 Acq: 05 Feb 2020 12:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	17.9	14.6	22.0





#50

Toluene-d8

Concen: 56.791 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

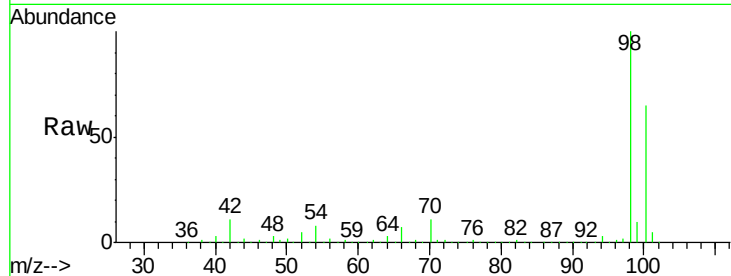
VY0205SBL01

Tot Ion: 98 Resp: 504772

Ion Ratio Lower Upper

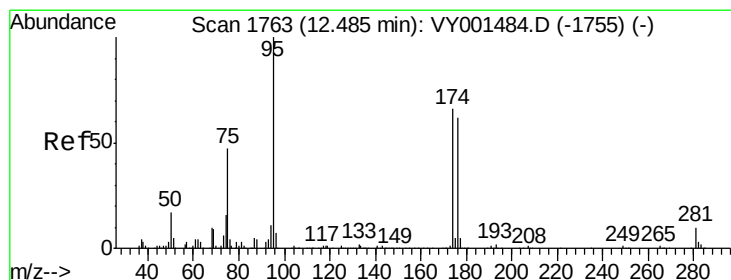
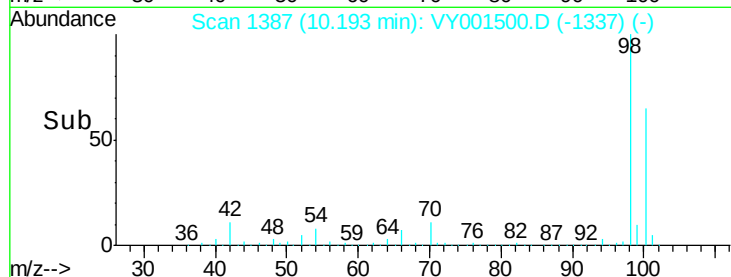
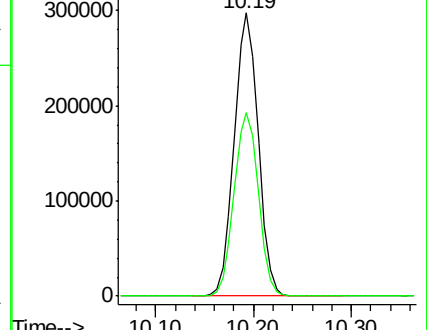
98 100

100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 53.388 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

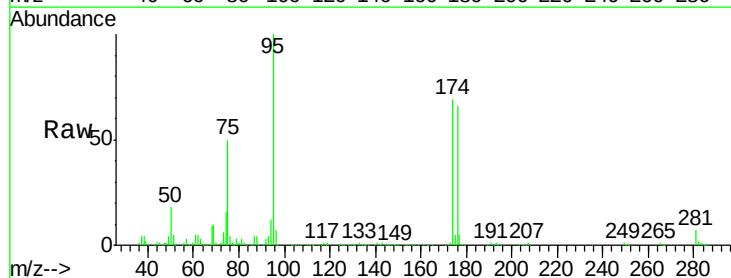
Tgt Ion: 95 Resp: 186936

Ion Ratio Lower Upper

95 100

174 69.6 0.0 141.4

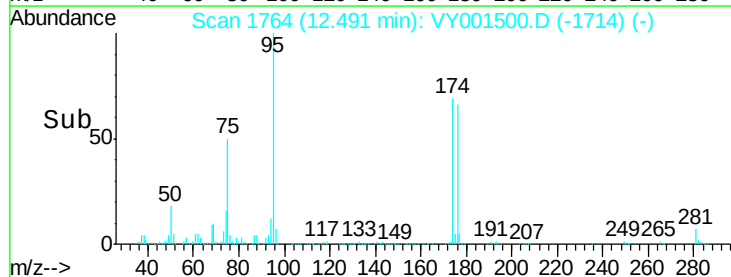
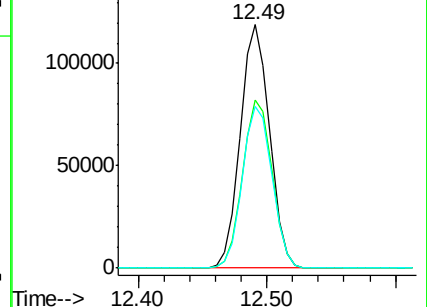
176 67.5 0.0 135.4

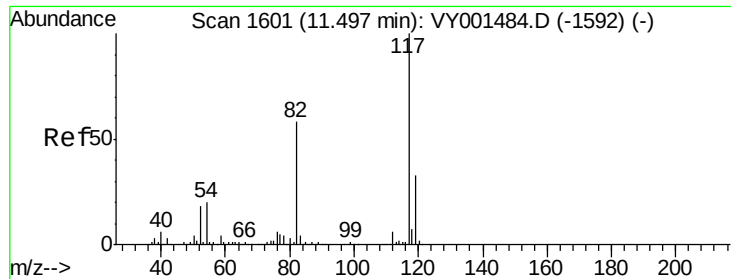


Abundance Ion 94.90 (94.60 to 95.60): VY0

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: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY001500.D

Acq: 05 Feb 2020 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

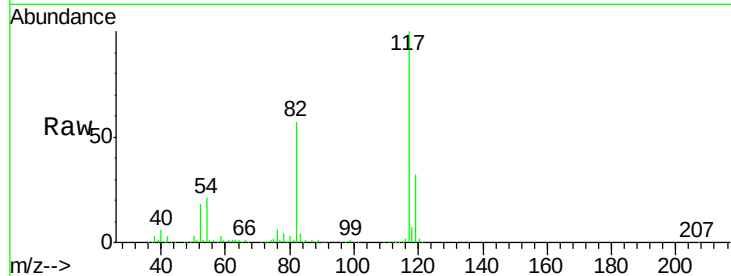
Tot Ion:117 Resp: 364574

Ion Ratio Lower Upper

117 100

82 56.7 46.1 69.1

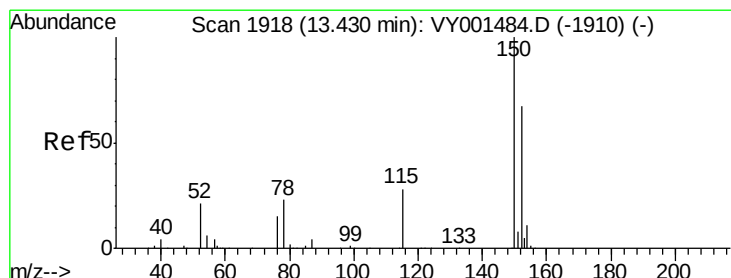
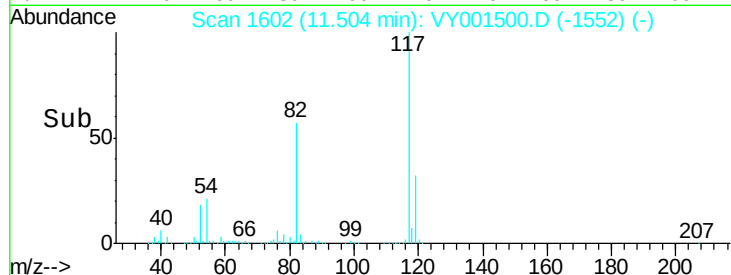
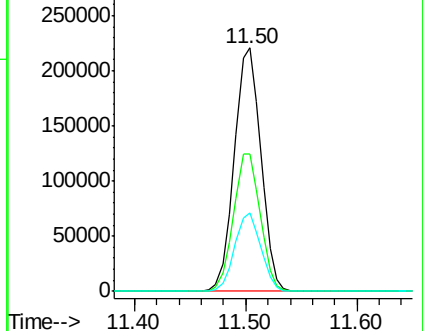
119 32.0 26.1 39.1



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: VY001500.D

Acq: 05 Feb 2020 12:12

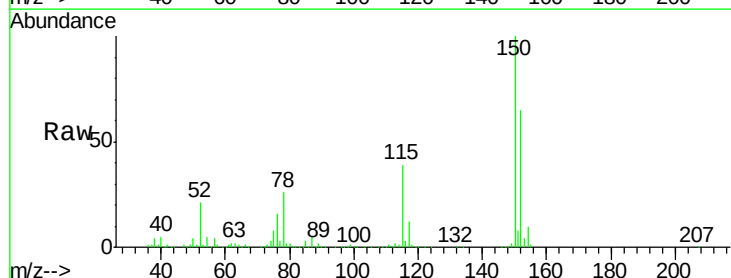
Tgt Ion:152 Resp: 171236

Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.3

150 156.4 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

