

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002158.D
 Acq On : 01 Apr 2020 13:27
 Operator : SY/MD
 Sample : L2103-05
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-60-61-COMP

Quant Time: Apr 02 06:55:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	114235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	223503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	212139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	96353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	75785	60.01	ug/l	0.00
Spiked Amount			Recovery	=	120.02%	
35) Dibromofluoromethane	7.75	113	67326	53.76	ug/l	0.01
Spiked Amount			Recovery	=	107.52%	
50) Toluene-d8	10.19	98	275352	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.49	95	95438	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	

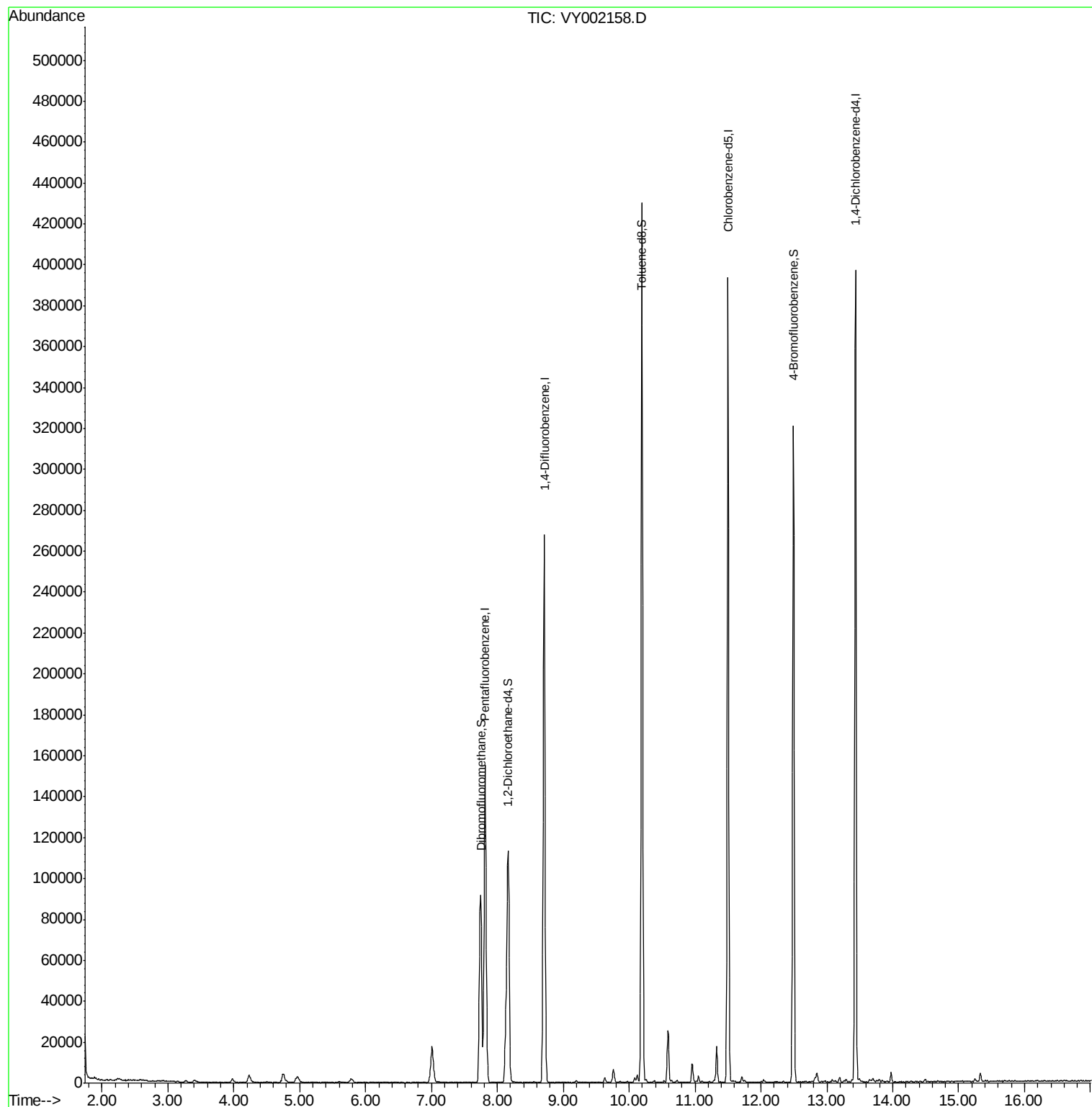
Target Compounds	Qvalue
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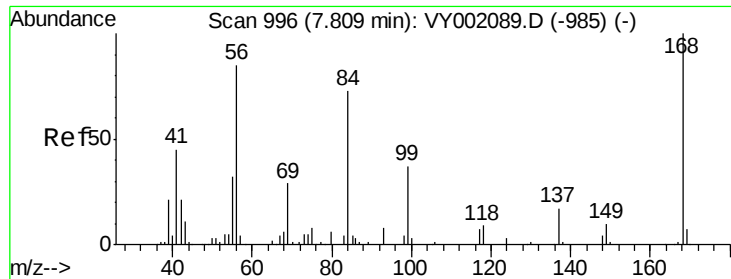
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002158.D

Acq: 01 Apr 2020 13:27

Instrument :

MSVOA_Y

ClientSampleId :

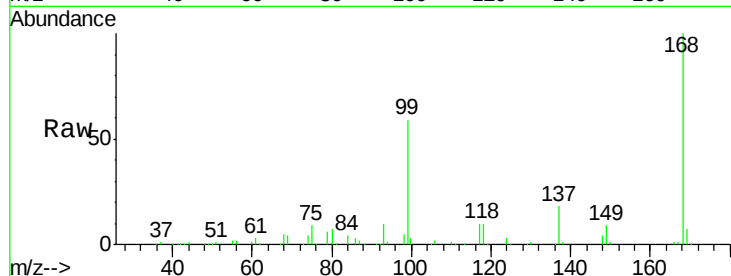
TP-60-61-COMP

Tot Ion:168 Resp: 114235

Ion Ratio Lower Upper

168 100

99 59.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002158.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002158.D (-947) (-)

7.82

60000

50000

40000

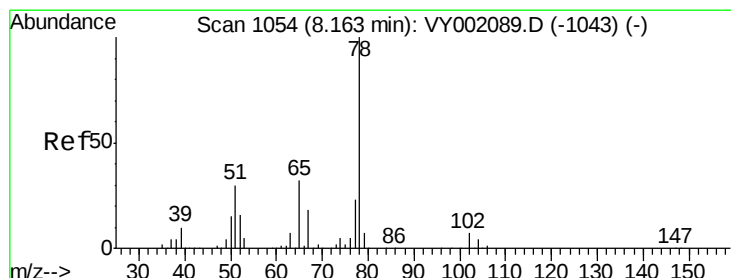
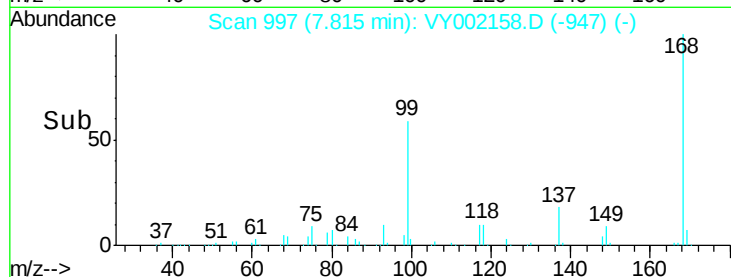
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 60.012 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002158.D

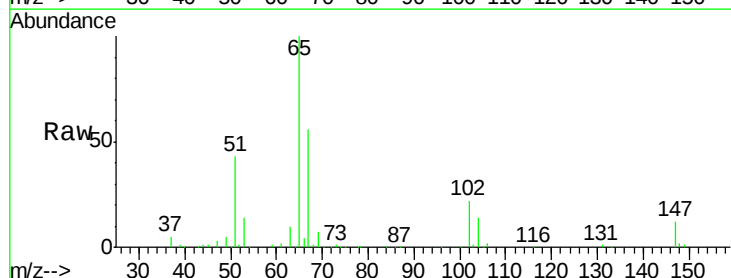
Acq: 01 Apr 2020 13:27

Tgt Ion: 65 Resp: 75785

Ion Ratio Lower Upper

65 100

67 56.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002158.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002158.D (-1005) (-)

8.17

40000

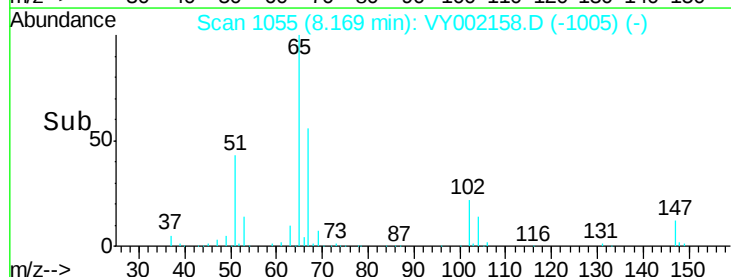
30000

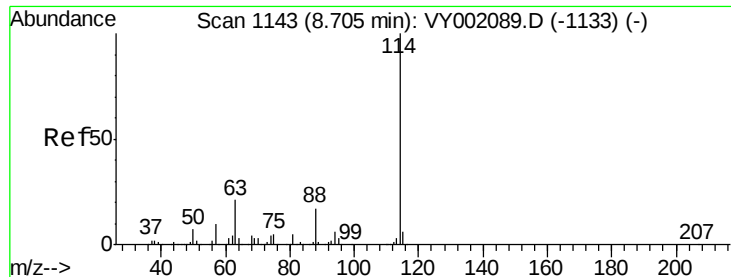
20000

10000

0

Time--> 8.10 8.20

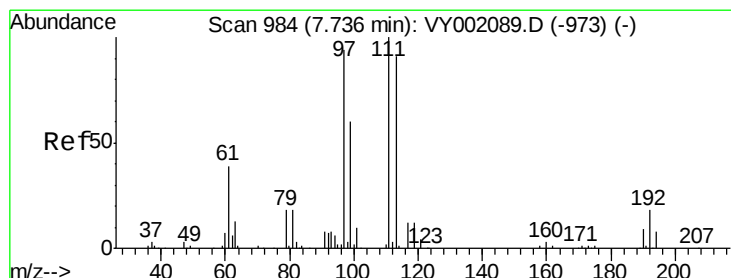
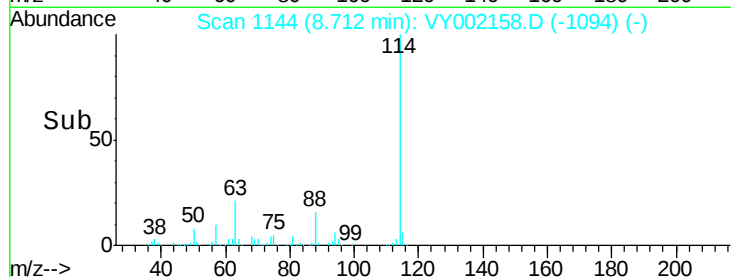
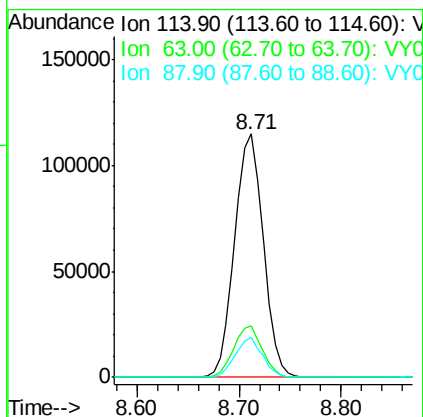
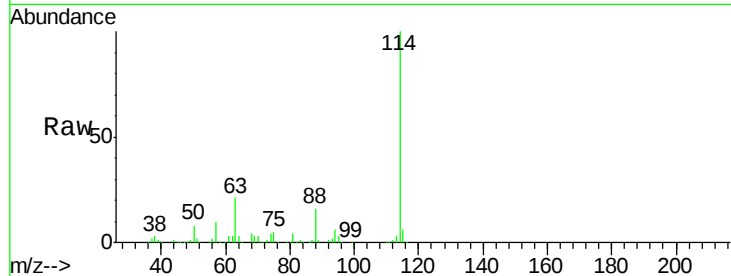




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002158.D
 Acq: 01 Apr 2020 13:27

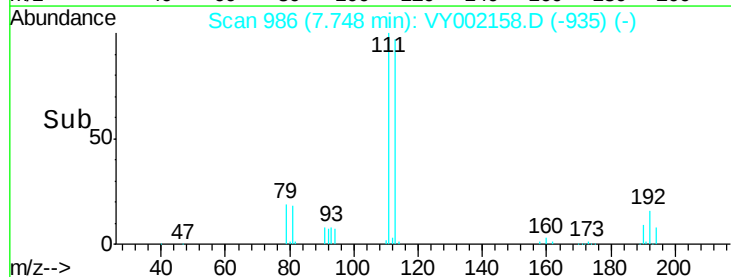
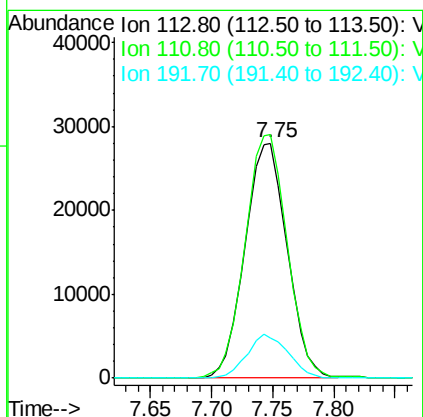
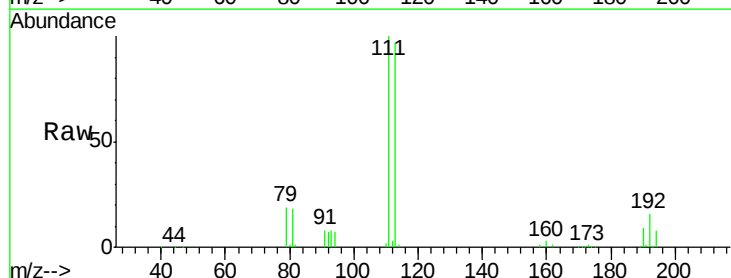
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-60-61-COMP

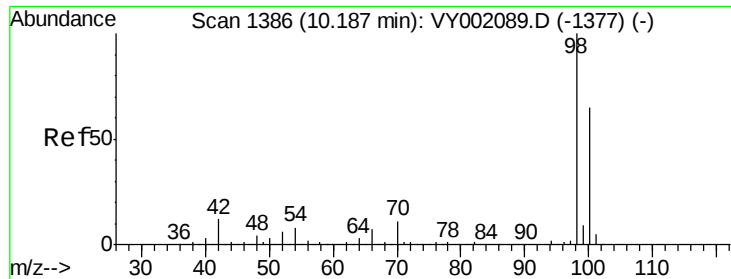
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.4
88	16.4	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 53.761 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002158.D
 Acq: 01 Apr 2020 13:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	84.4	126.6
192	18.3	14.6	21.8





#50

Toluene-d8

Concen: 52.927 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002158.D

Acq: 01 Apr 2020 13:27

Instrument :

MSVOA_Y

ClientSampleId :

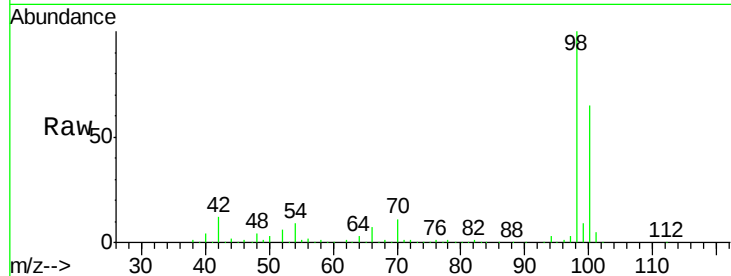
TP-60-61-COMP

Tot Ion: 98 Resp: 275352

Ion Ratio Lower Upper

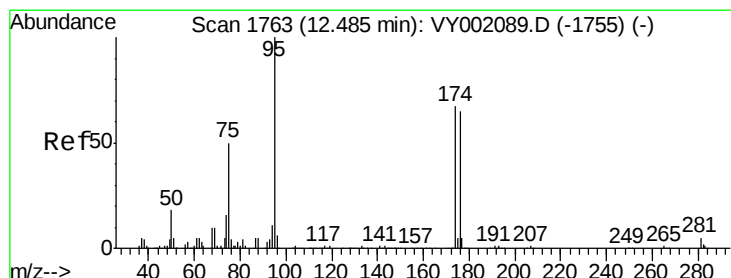
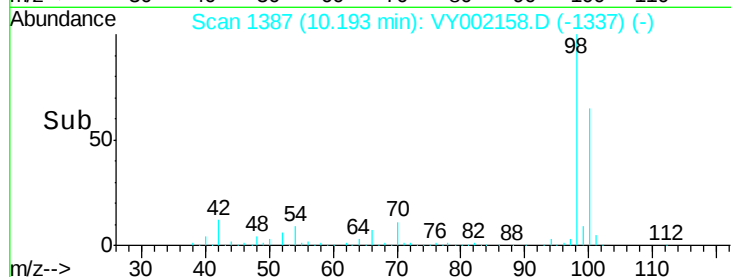
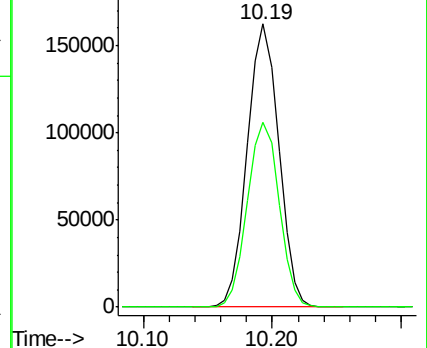
98 100

100 65.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 52.454 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002158.D

Acq: 01 Apr 2020 13:27

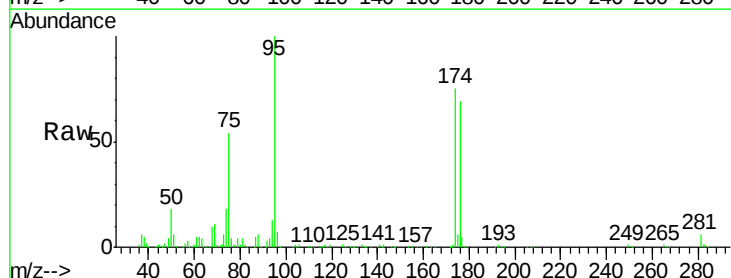
Tgt Ion: 95 Resp: 95438

Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.4

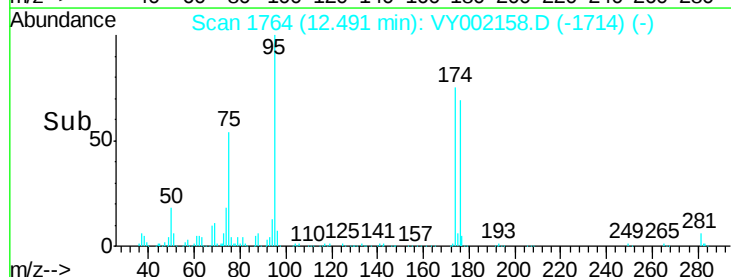
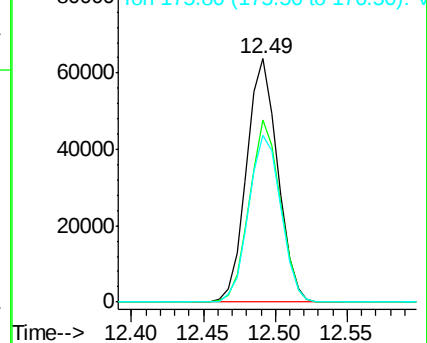
176 70.7 0.0 137.0

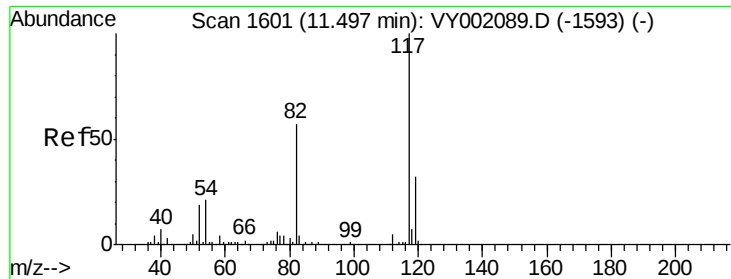


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

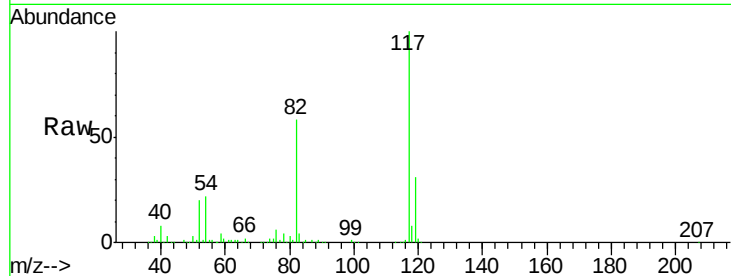




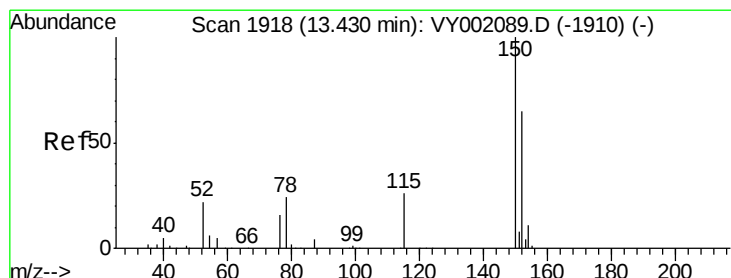
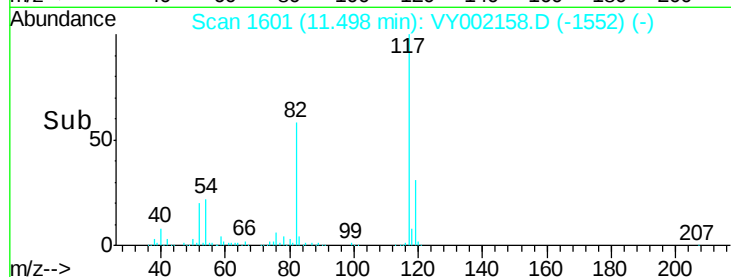
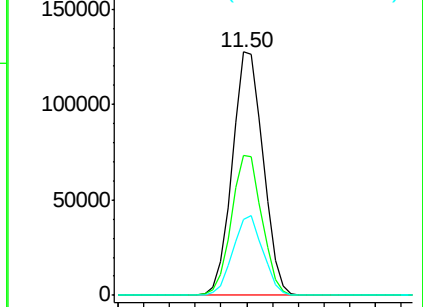
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002158.D
Acq: 01 Apr 2020 13:27

Instrument :
MSVOA_Y
ClientSampleId :
TP-60-61-COMP

Tot Ion:117 Resp: 212139
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 31.4 25.3 37.9

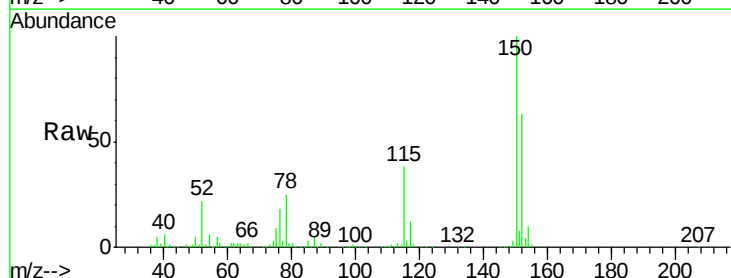


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002158.D
Acq: 01 Apr 2020 13:27

Tgt Ion:152 Resp: 96353
Ion Ratio Lower Upper
152 100
115 60.4 31.2 93.6
150 158.0 0.0 354.8



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

