

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001158.D
 Acq On : 10 Jan 2020 19:33
 Operator : SY/MD
 Sample : L1054-06
 Misc : 7.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-01-0-2

Quant Time: Jan 11 03:22:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	110096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	183457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	144852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	57007	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	40408	34.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.50%	
35) Dibromofluoromethane	7.73	113	48193	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
50) Toluene-d8	10.18	98	208465	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.48	95	63139	37.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.62%	

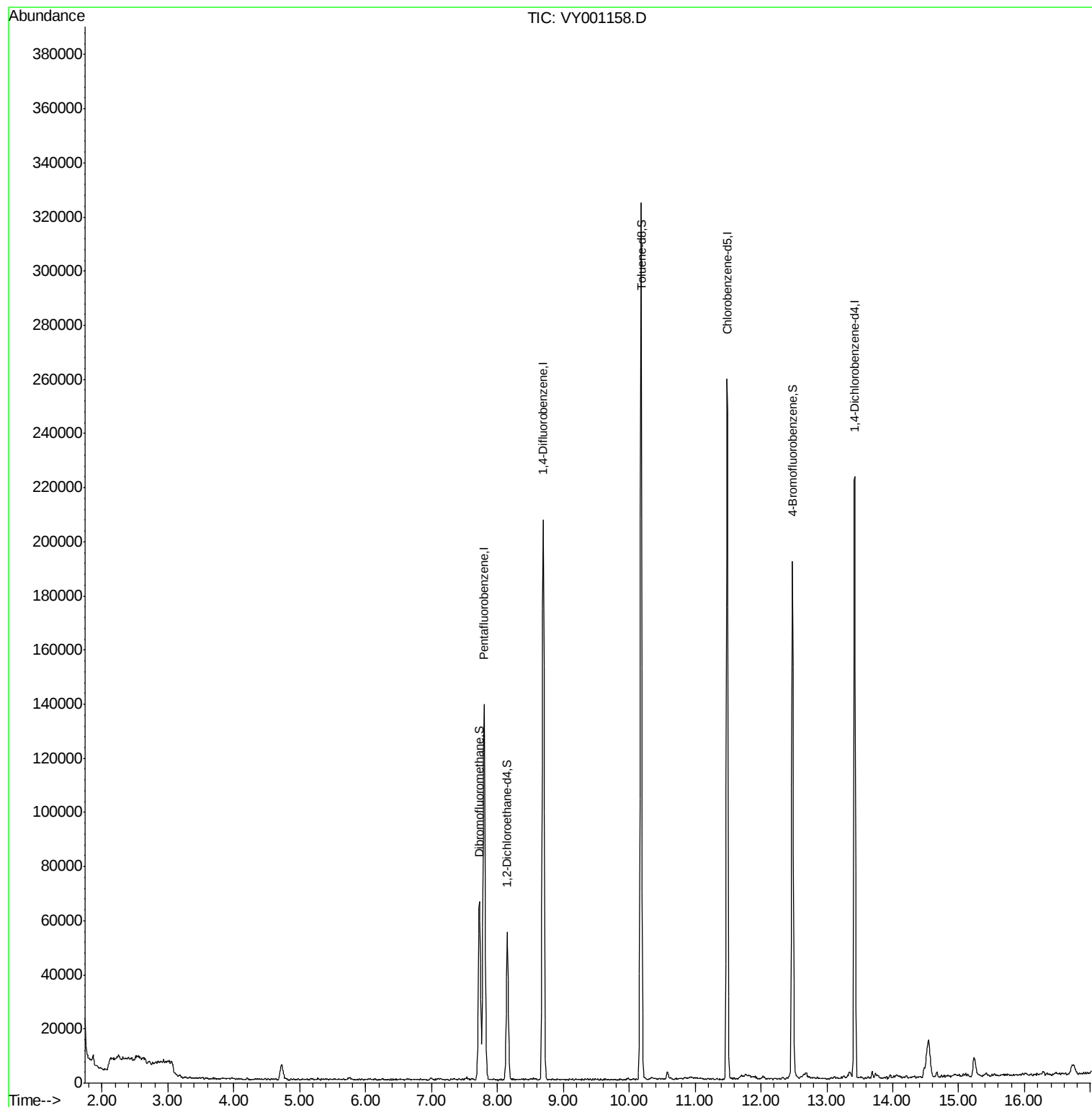
Target Compounds	Qvalue

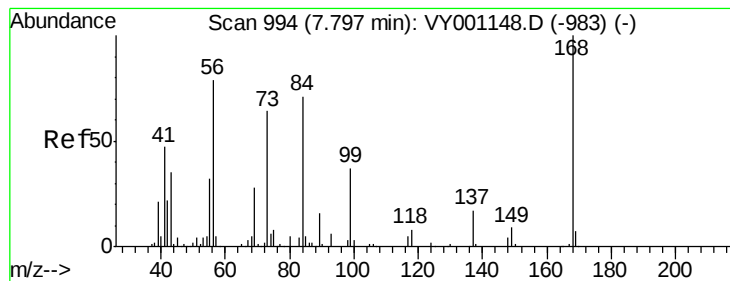
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001158.D

Acq: 10 Jan 2020 19:33

Instrument :

MSVOA_Y

ClientSampleId :

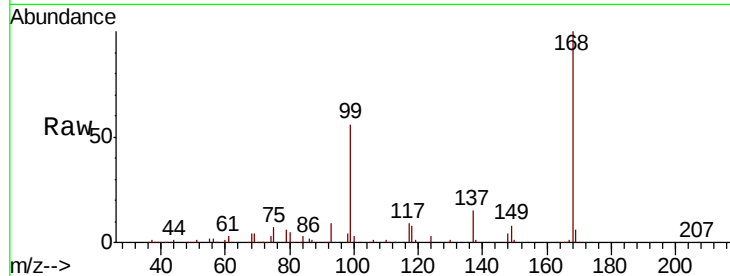
CIY1-SB-01-0-2

Tot Ion:168 Resp: 110096

Ion Ratio Lower Upper

168 100

99 55.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

50000

40000

30000

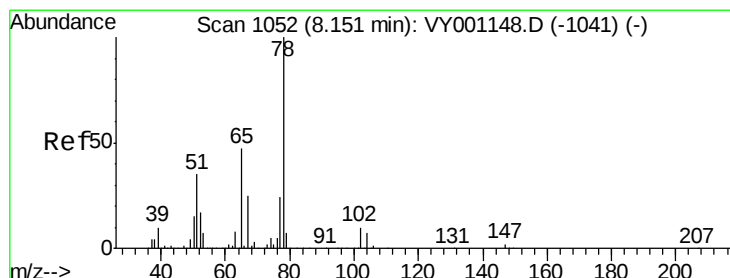
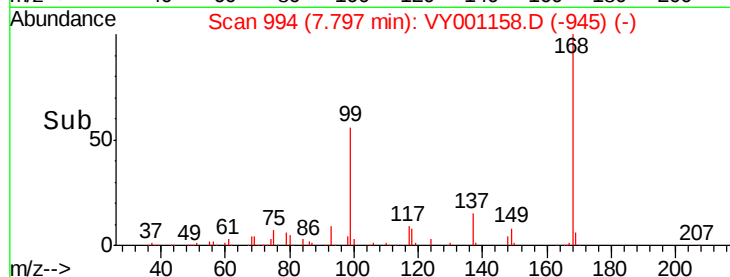
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 34.750 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001158.D

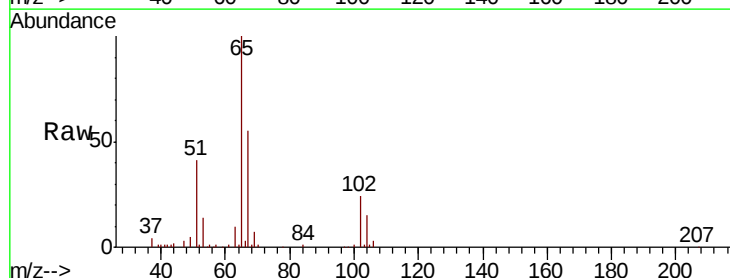
Acq: 10 Jan 2020 19:33

Tgt Ion: 65 Resp: 40408

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)

8.15

20000

15000

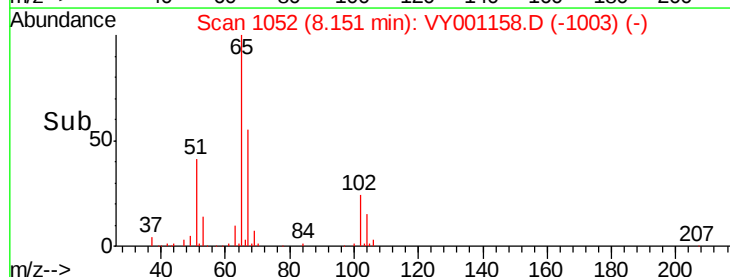
10000

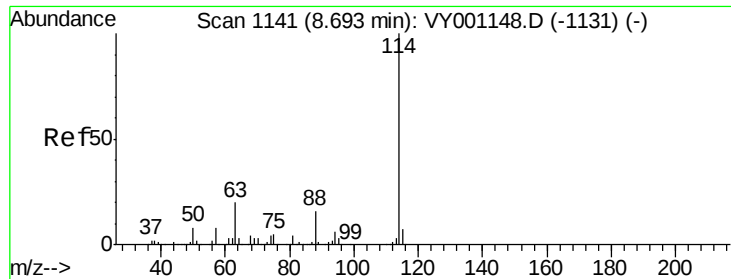
5000

0

8.10 8.20

Time-->

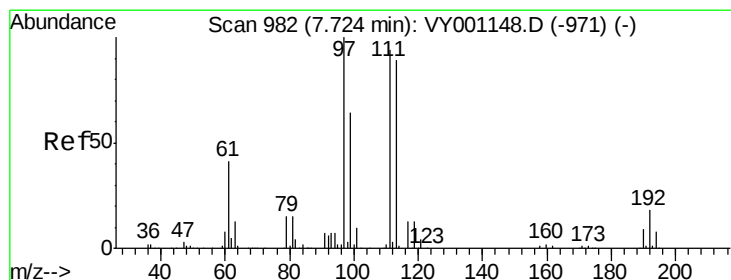
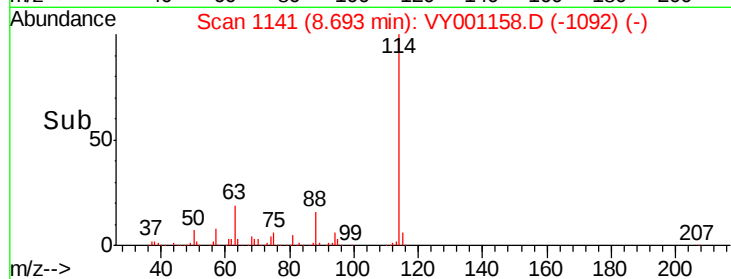
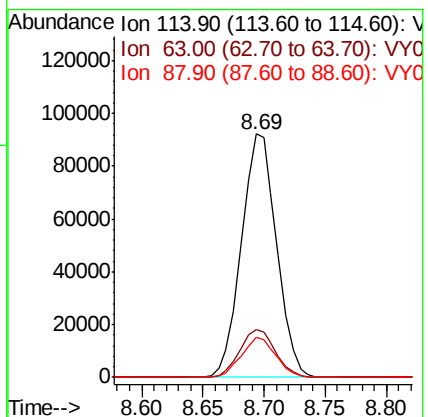
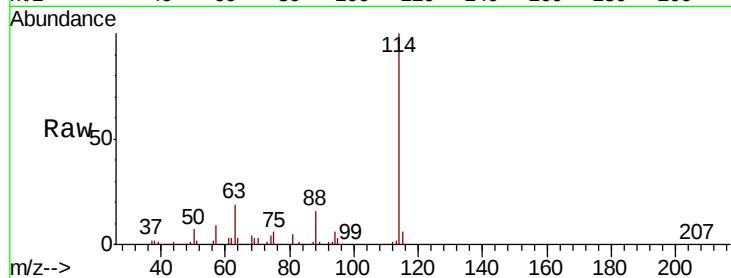




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001158.D
Acq: 10 Jan 2020 19:33

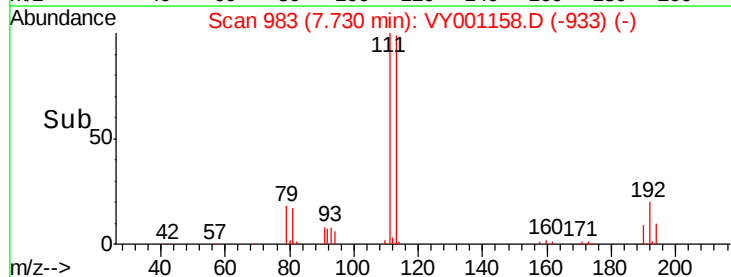
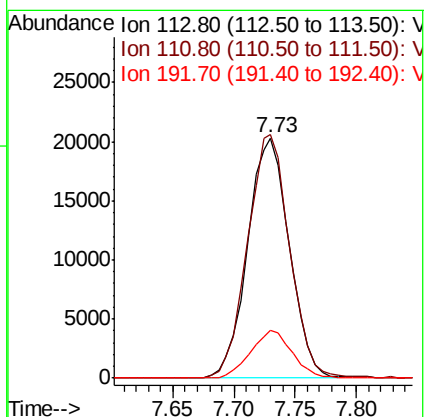
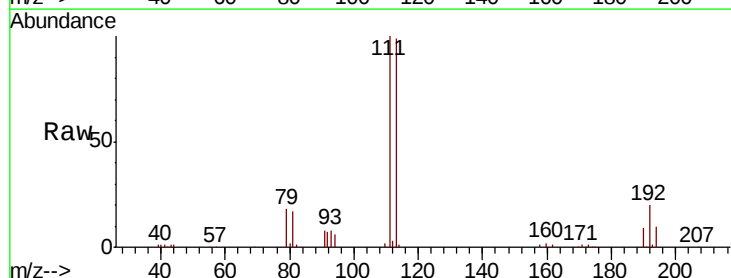
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-0-2

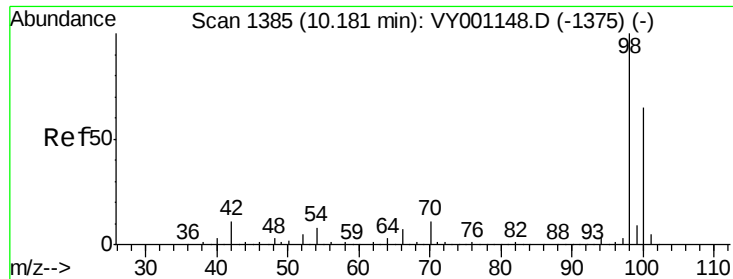
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.8
88	16.3	0.0	32.4



#35
Dibromofluoromethane
Concen: 44.867 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001158.D
Acq: 10 Jan 2020 19:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.7	15.4	23.2





#50

Toluene-d8

Concen: 50.368 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001158.D

Acq: 10 Jan 2020 19:33

Instrument :

MSVOA_Y

ClientSampleId :

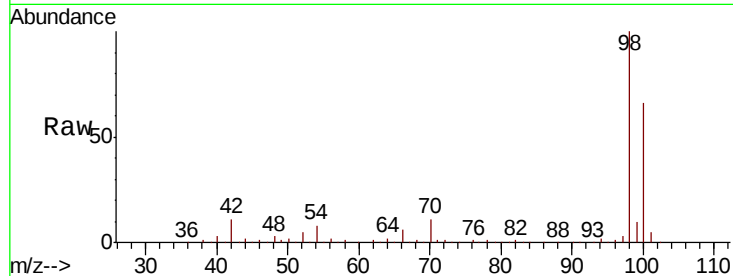
CIY1-SB-01-0-2

Tot Ion: 98 Resp: 208465

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001148.D (-1375) (-)

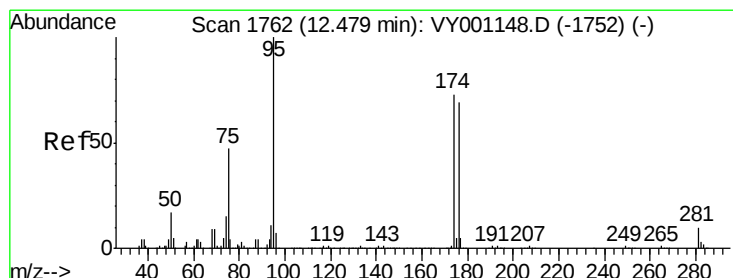
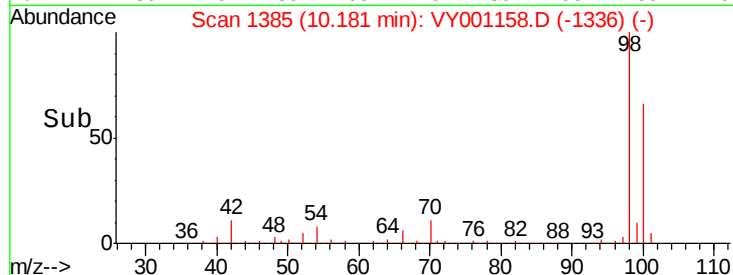
10.18

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.315 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001158.D

Acq: 10 Jan 2020 19:33

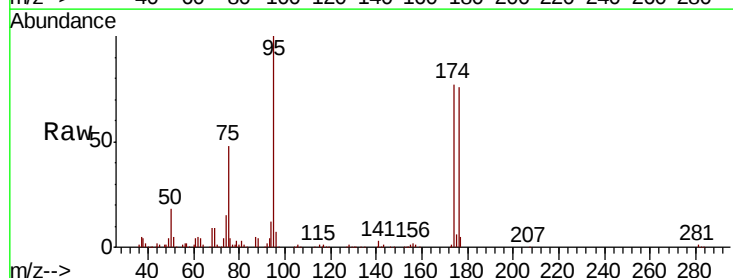
Tgt Ion: 95 Resp: 63139

Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.2

176 72.1 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001148.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001148.D (-1752) (-)

12.48

50000

40000

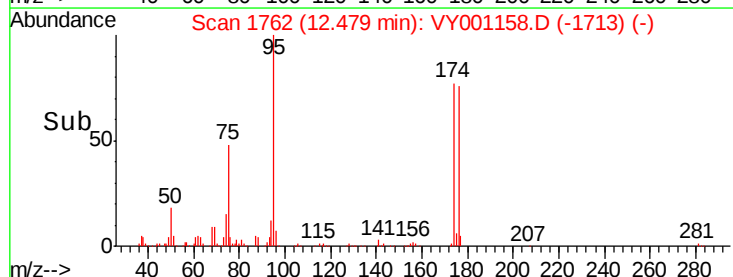
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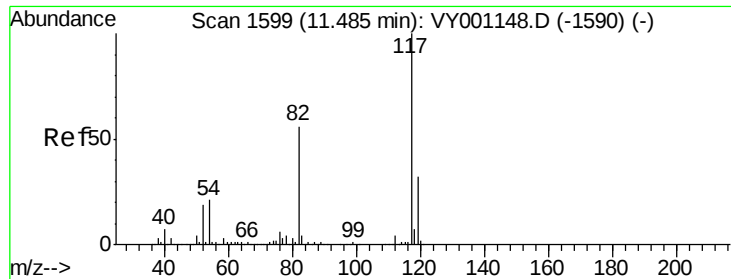
20000

10000

0

Time-->

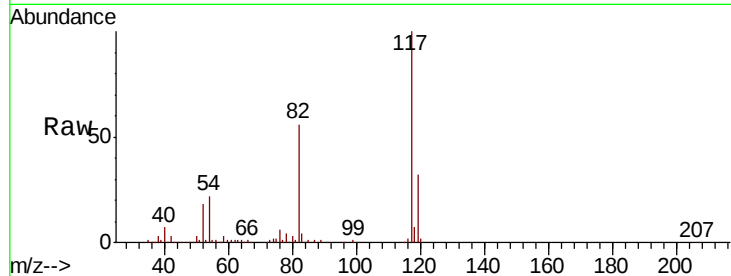




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001158.D
Acq: 10 Jan 2020 19:33

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-01-0-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.9	67.3
119	31.6	25.7	38.5

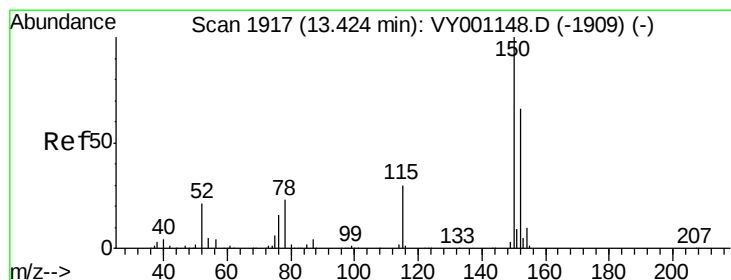
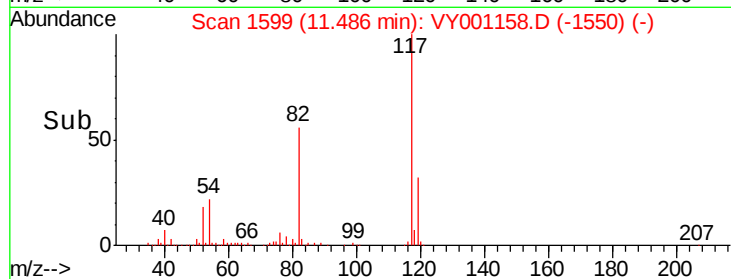
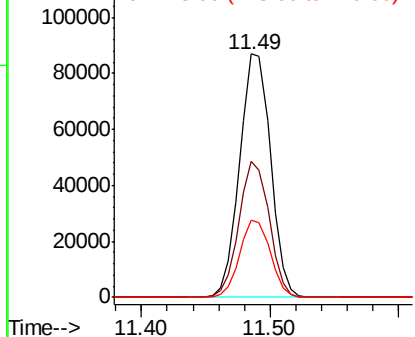


Abundance

Ion 116.90 (116.60 to 117.60): V

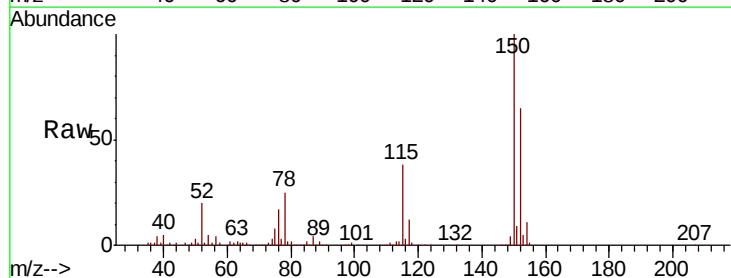
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001158.D
Acq: 10 Jan 2020 19:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.9	92.5
150	158.2	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

