

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001195.D
 Acq On : 14 Jan 2020 11:51
 Operator : SY/MD
 Sample : L1098-07
 Misc : 6.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7_13.5-14.0

Quant Time: Jan 15 01:45:16 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	173508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	325816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137191	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	100382	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
35) Dibromofluoromethane	7.73	113	95309	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	10.18	98	381490	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.48	95	142222	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

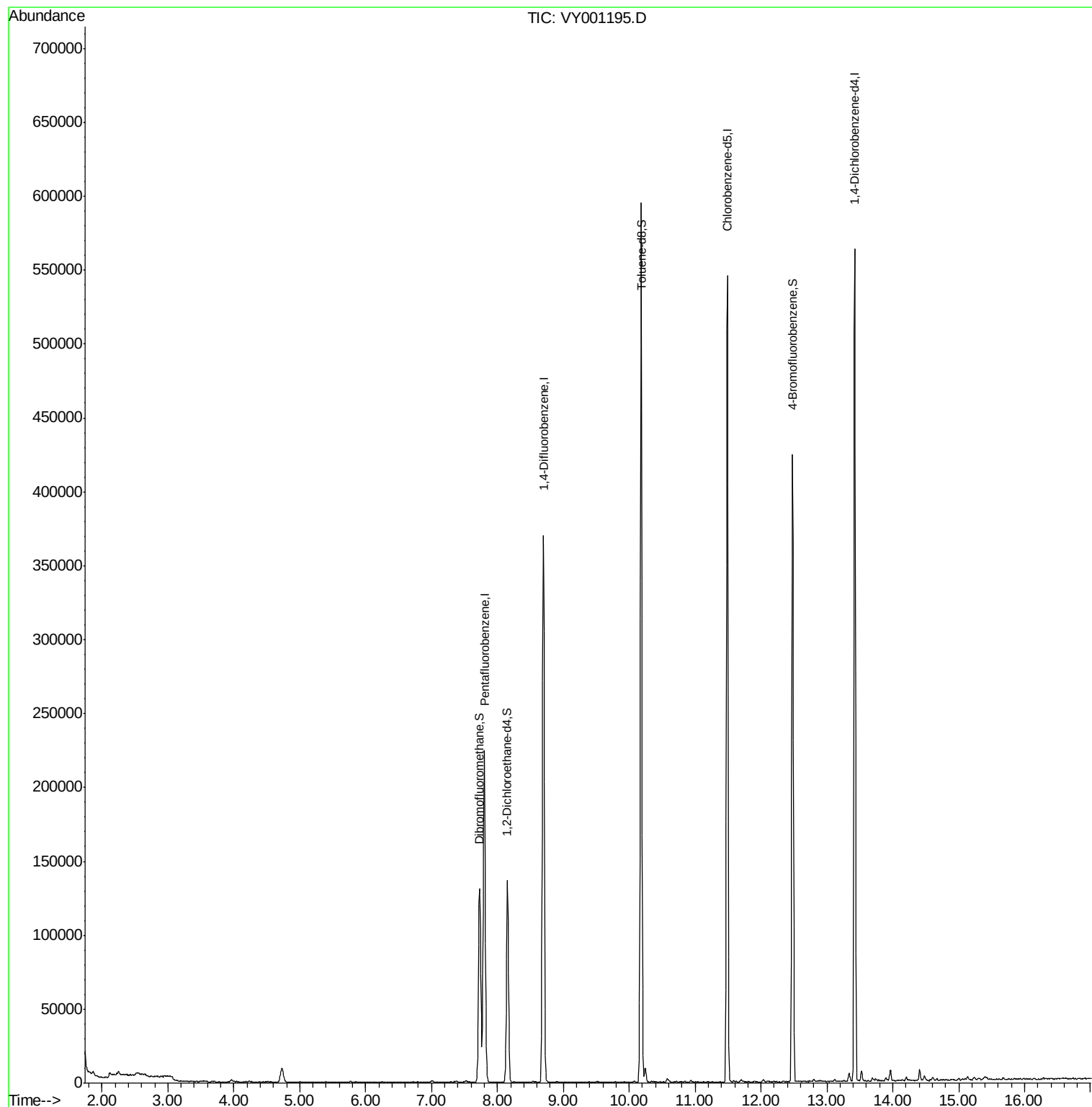
Target Compounds	Qvalue
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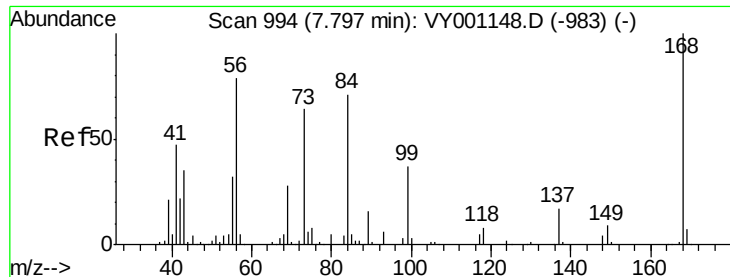
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

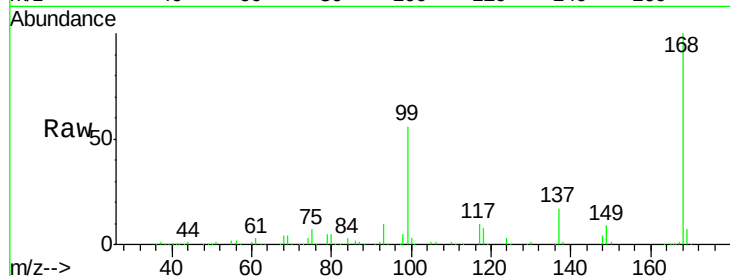
SB-7_13.5-14.0

Tot Ion:168 Resp: 173508

Ion Ratio Lower Upper

168 100

99 55.5 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

80000

60000

40000

20000

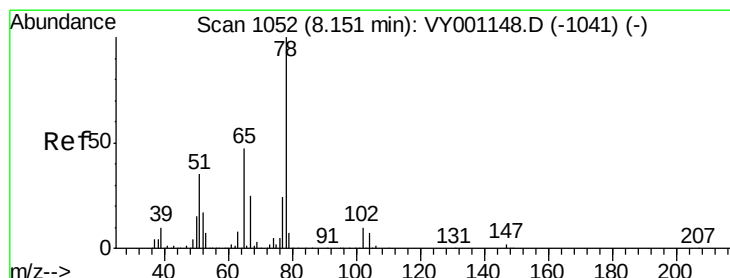
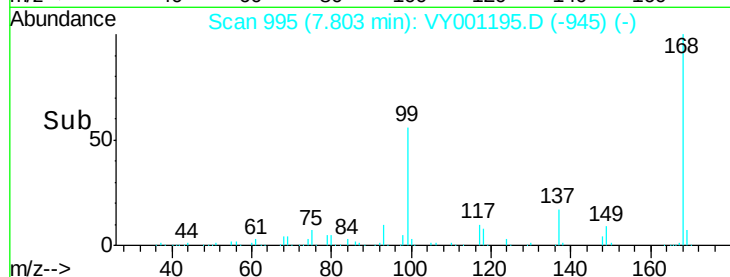
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 54.777 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001195.D

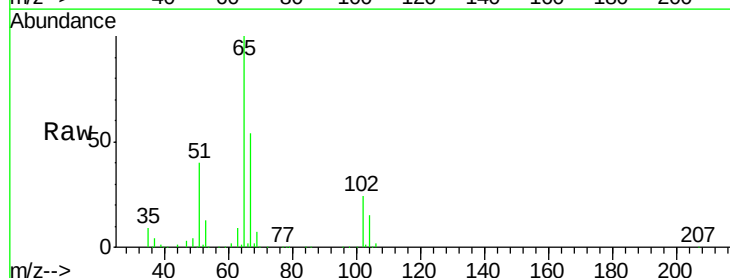
Acq: 14 Jan 2020 11:51

Tgt Ion: 65 Resp: 100382

Ion Ratio Lower Upper

65 100

67 54.3 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

50000

40000

30000

20000

10000

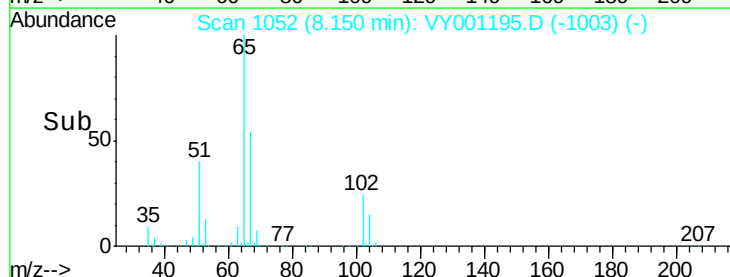
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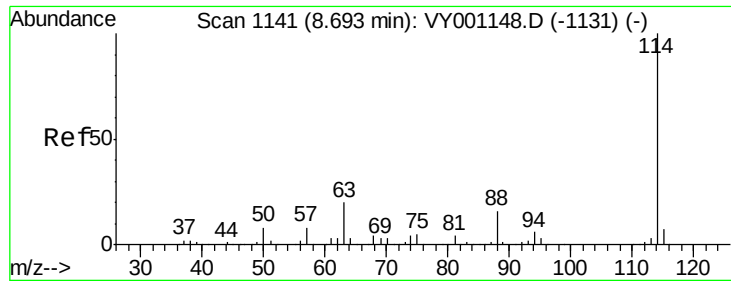
Time-->

8.10

8.20

8.30

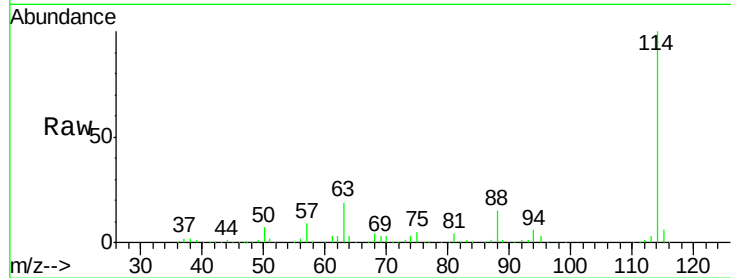




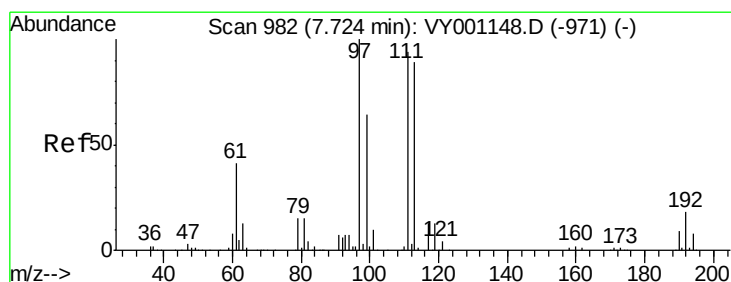
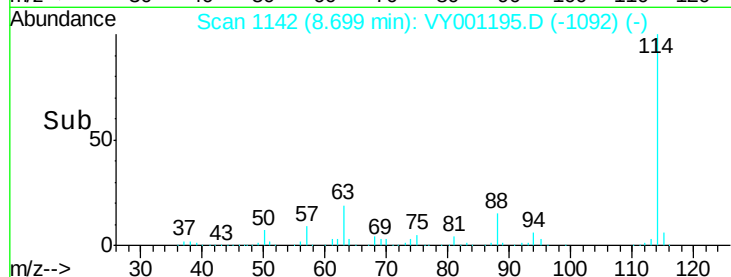
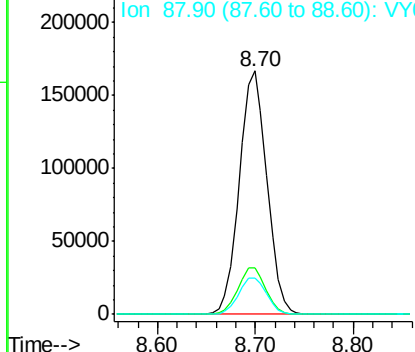
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001195.D
 Acq: 14 Jan 2020 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7_13.5-14.0

Tot Ion:114 Resp: 325816
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.8
 88 15.2 0.0 32.4

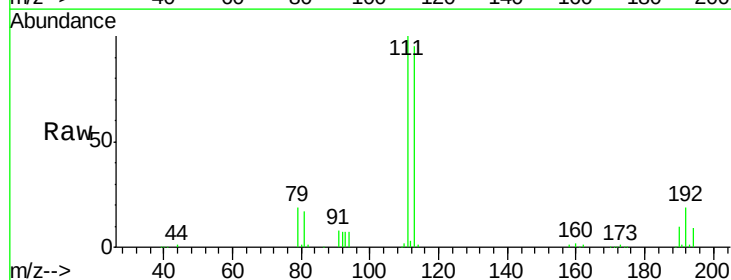


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

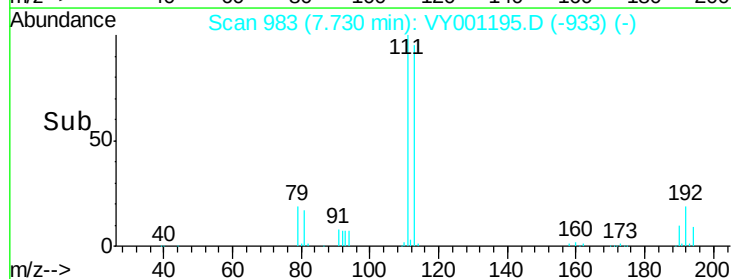
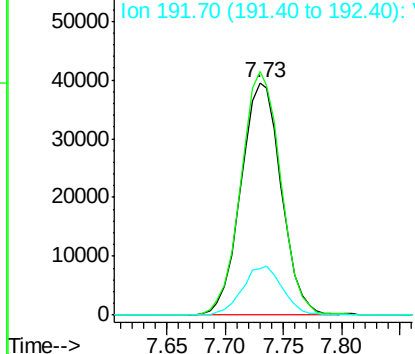


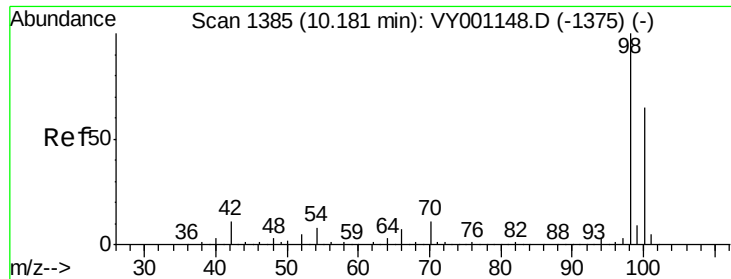
#35
 Dibromofluoromethane
 Concen: 49.962 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001195.D
 Acq: 14 Jan 2020 11:51

Tgt Ion:113 Resp: 95309
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 20.8 15.4 23.2



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: 51.900 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

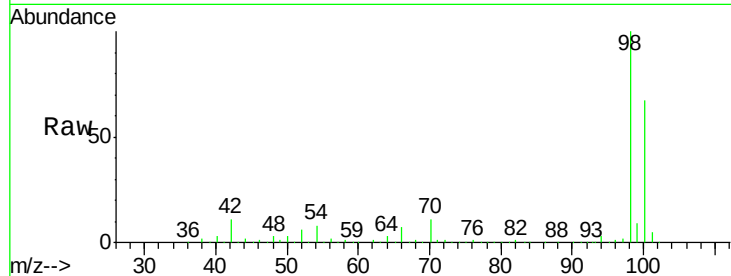
SB-7_13.5-14.0

Tot Ion: 98 Resp: 381490

Ion Ratio Lower Upper

98 100

100 66.4 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

250000

200000

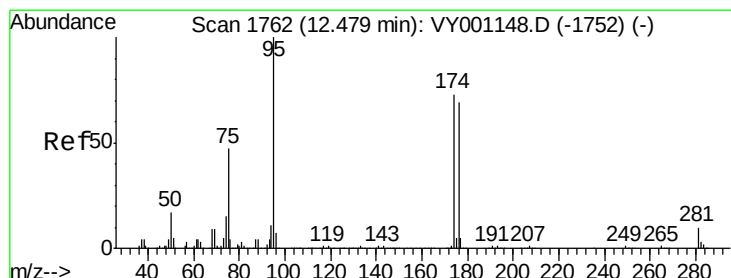
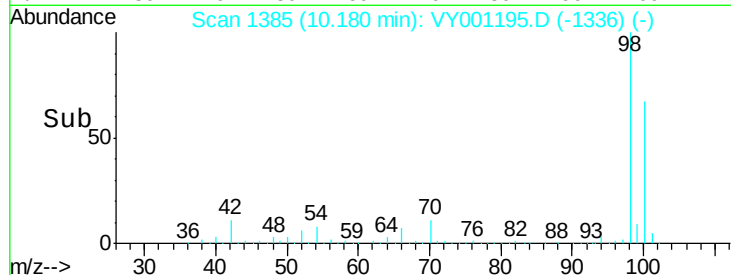
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.327 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

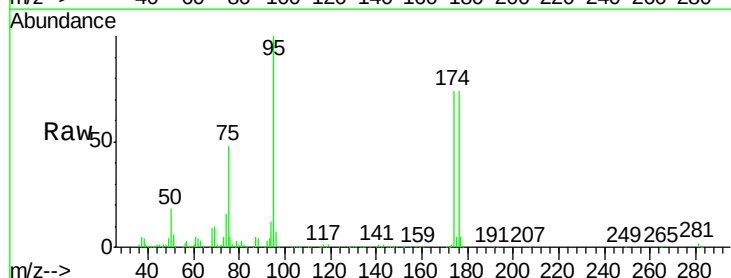
Tgt Ion: 95 Resp: 142222

Ion Ratio Lower Upper

95 100

174 75.3 0.0 143.2

176 72.6 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

120000

100000

80000

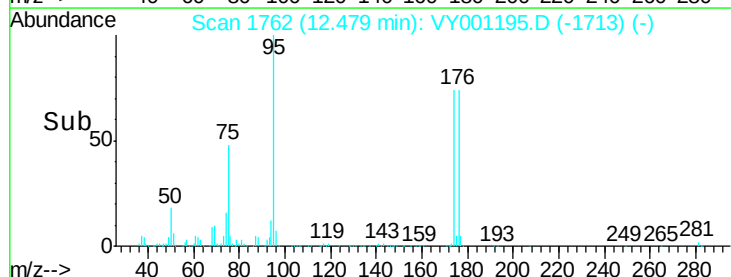
60000

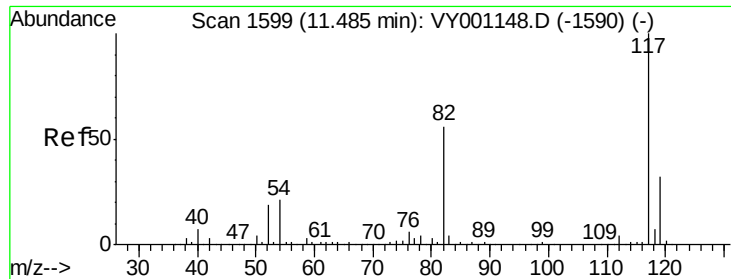
40000

20000

0

Time-->

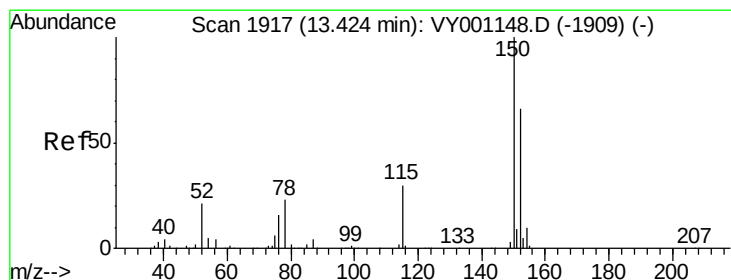
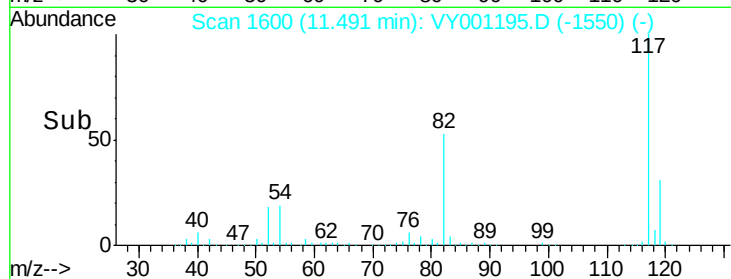
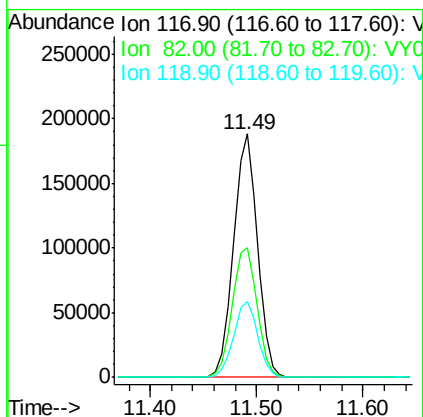
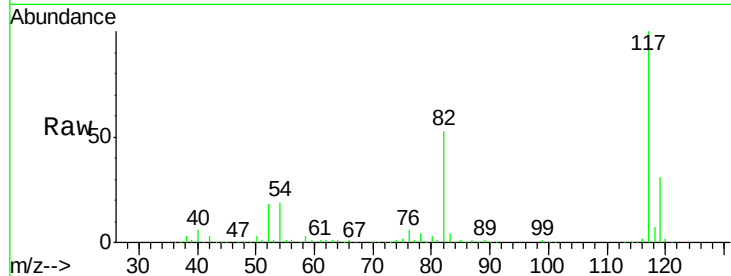




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001195.D
Acq: 14 Jan 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-7_13.5-14.0

Tot Ion:117 Resp: 296549
Ion Ratio Lower Upper
117 100
82 53.3 44.9 67.3
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001195.D
Acq: 14 Jan 2020 11:51

Tgt Ion:152 Resp: 137191
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.5
150 158.1 0.0 346.8

