

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002109.D
 Acq On : 27 Mar 2020 16:38
 Operator : SY/MD
 Sample : L2049-06
 Misc : 8.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(10-12)

Quant Time: Mar 30 05:02:48 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	7.81	168	7821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	15557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	14629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	6338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	5805	67.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	134.28%	
35) Dibromofluoromethane	7.72	113	4399	50.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.18	98	18419	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.48	95	6407	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

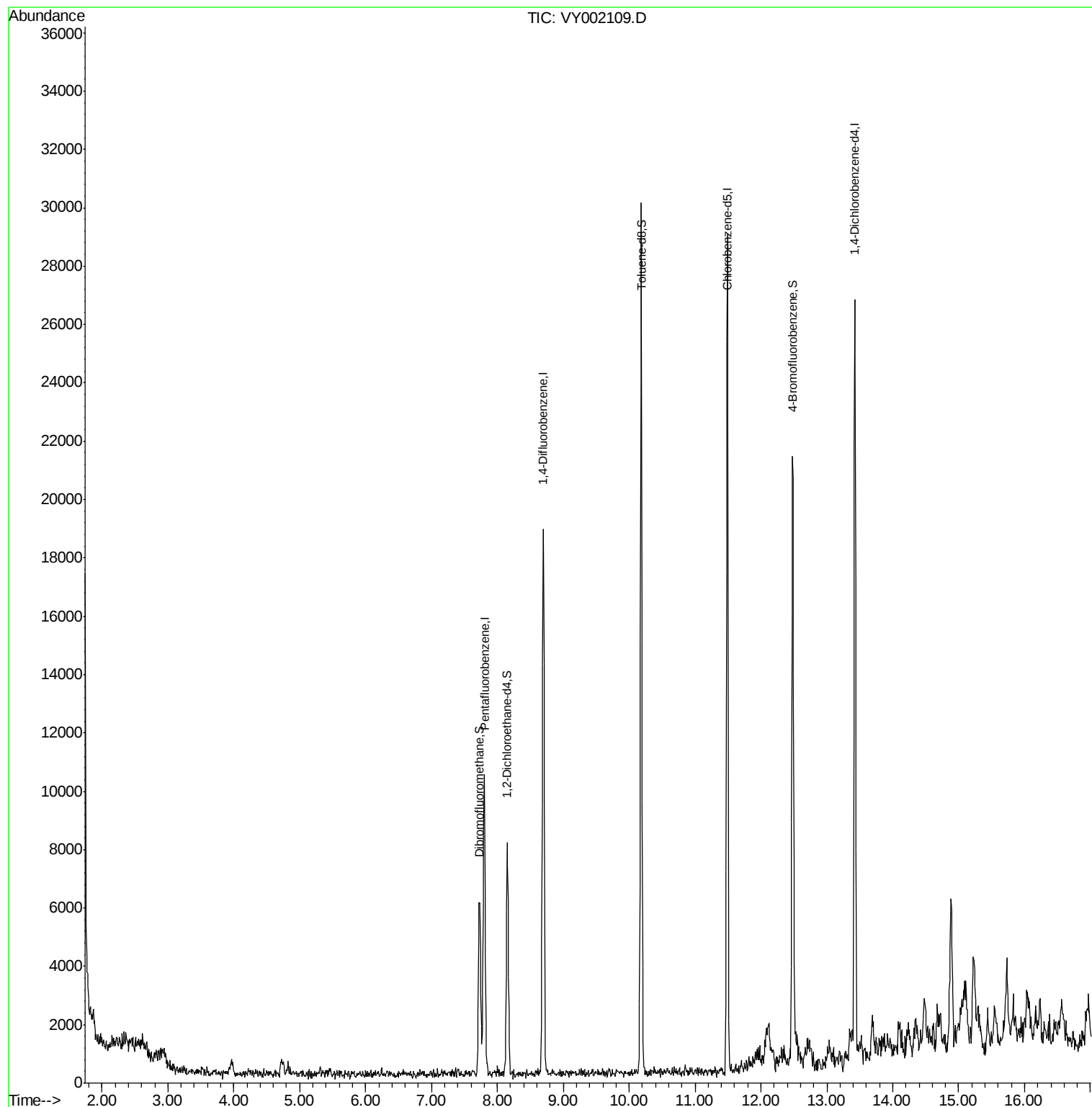
Target Compounds	Qvalue

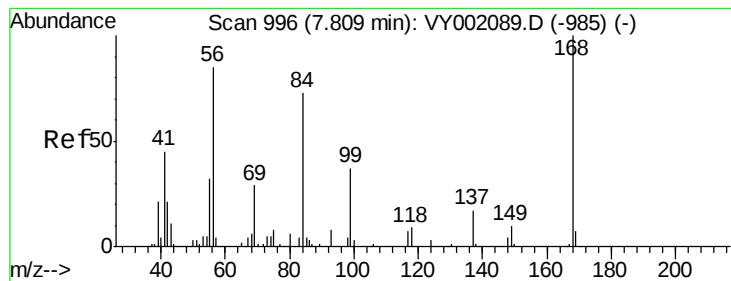
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002109.D

Acq: 27 Mar 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

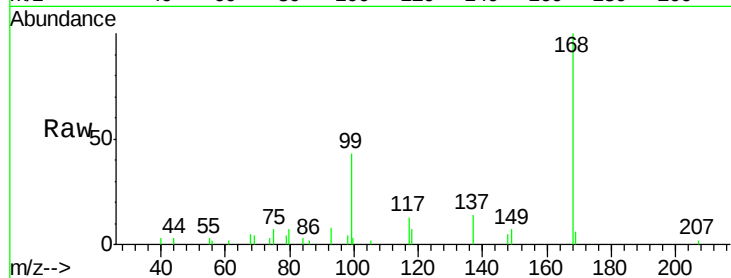
SB-3-(10-12)

Tot Ion:168 Resp: 7821

Ion Ratio Lower Upper

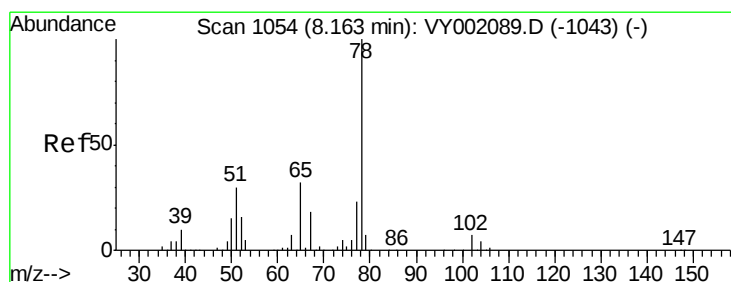
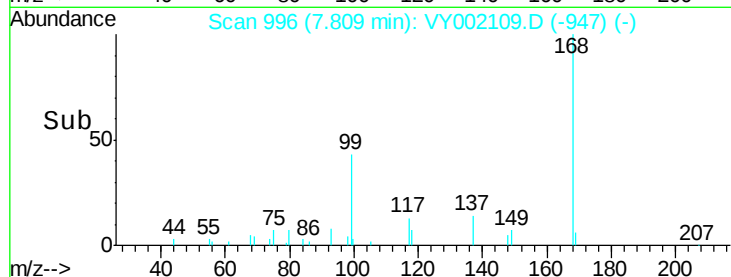
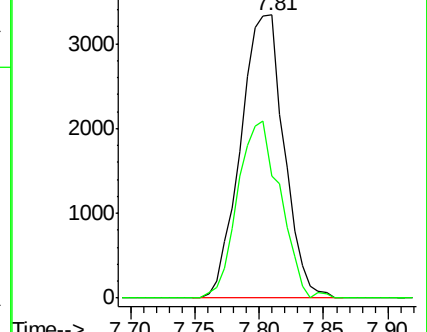
168 100

99 43.4 47.6 71.4#



Abundance Ion 167.90 (167.60 to 168.60): VY002109.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002109.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 67.142 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002109.D

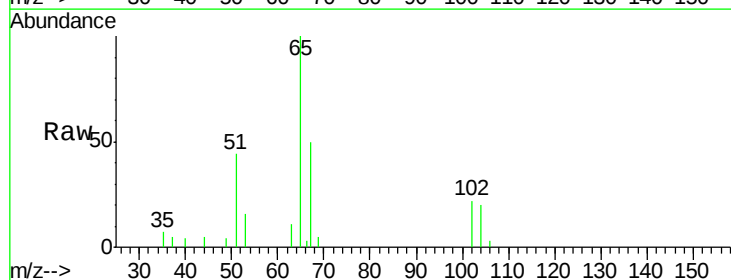
Acq: 27 Mar 2020 16:38

Tgt Ion: 65 Resp: 5805

Ion Ratio Lower Upper

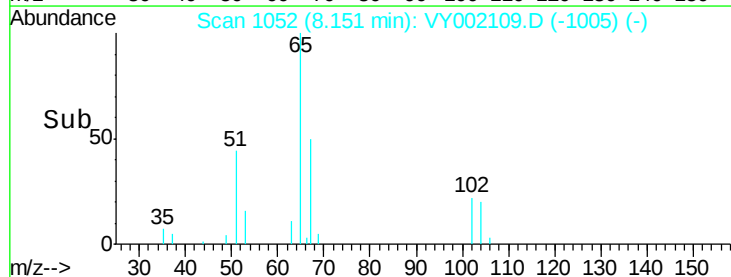
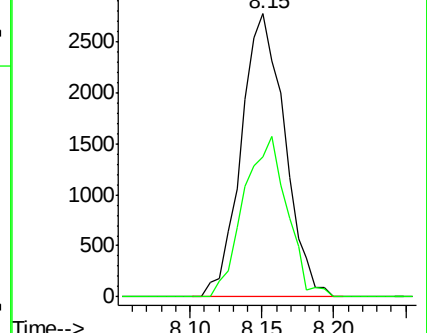
65 100

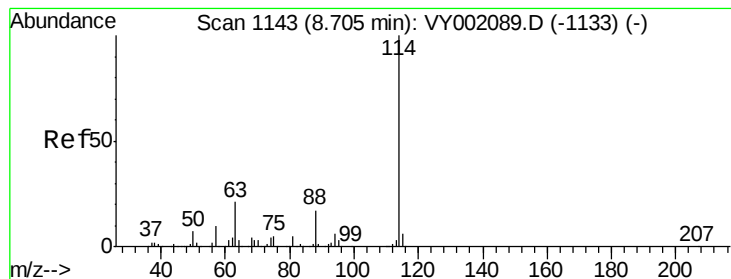
67 56.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002109.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002109.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002109.D

Acq: 27 Mar 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(10-12)

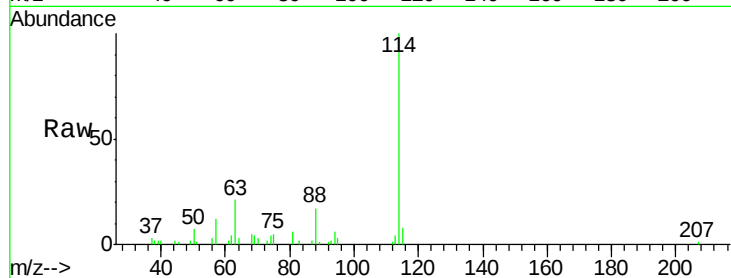
Tot Ion:114 Resp: 15557

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

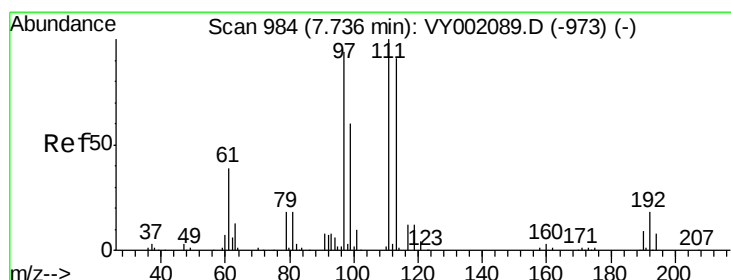
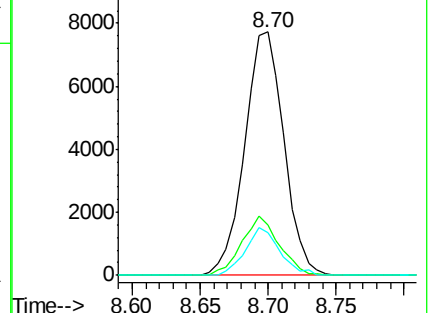
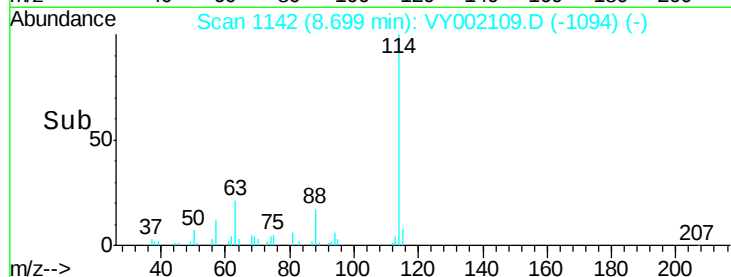
88 17.3 0.0 33.0



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: 50.466 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002109.D

Acq: 27 Mar 2020 16:38

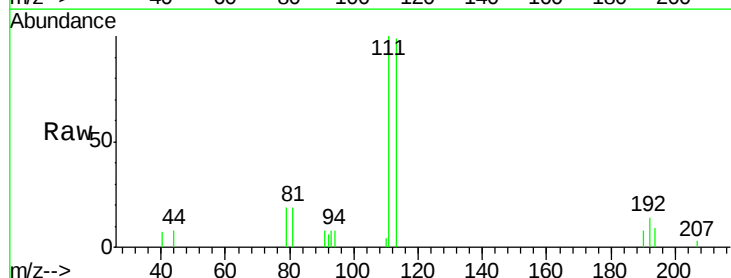
Tgt Ion:113 Resp: 4399

Ion Ratio Lower Upper

113 100

111 108.2 84.4 126.6

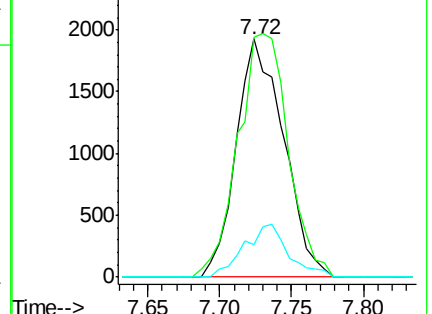
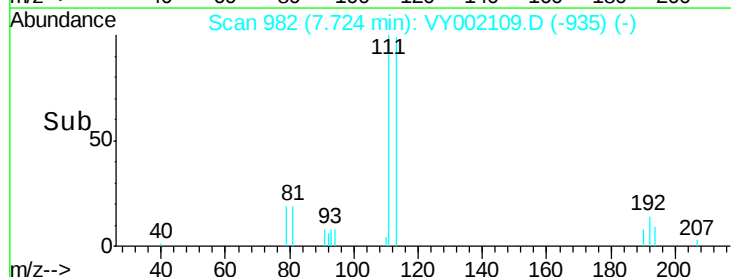
192 20.6 14.6 21.8

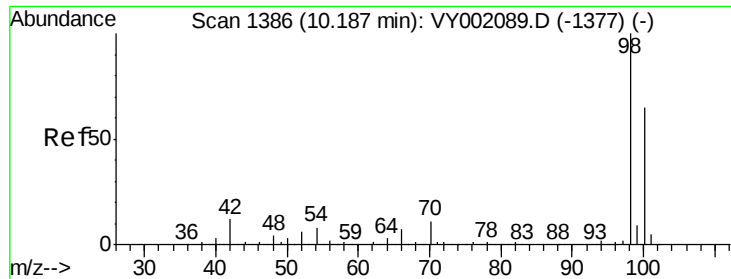


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.865 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002109.D

Acq: 27 Mar 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

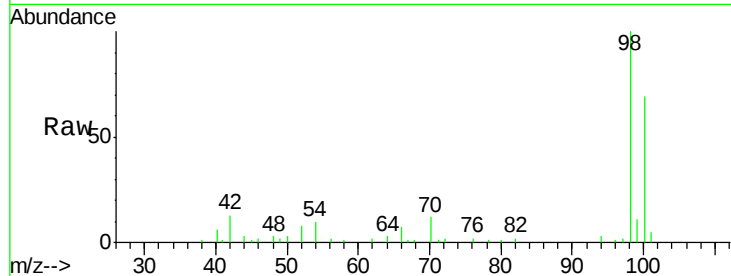
SB-3-(10-12)

Tot Ion: 98 Resp: 18419

Ion Ratio Lower Upper

98 100

100 66.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002109.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002109.D (-1377) (-)

10.18

12000

10000

8000

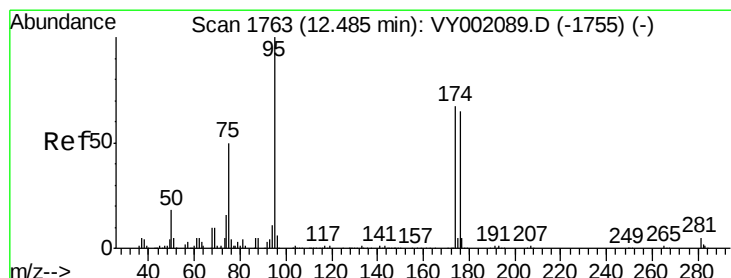
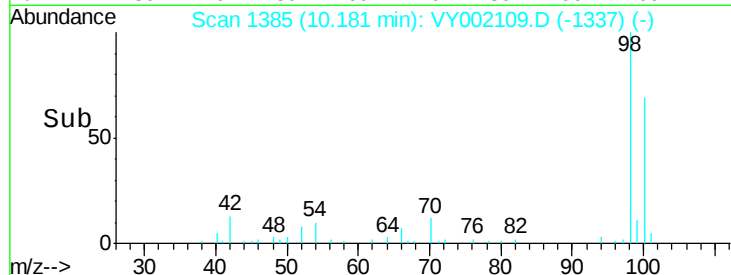
6000

4000

2000

0

Time--> 10.10 10.15 10.20 10.25



#62

4-Bromofluorobenzene

Concen: 50.590 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002109.D

Acq: 27 Mar 2020 16:38

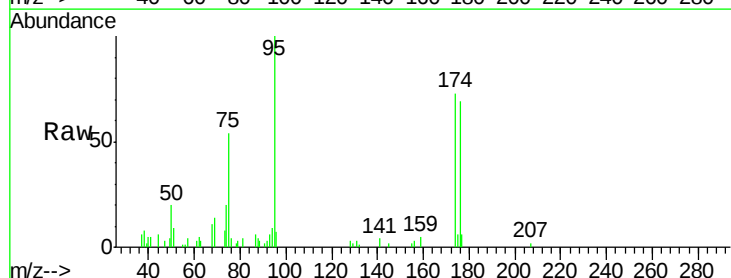
Tgt Ion: 95 Resp: 6407

Ion Ratio Lower Upper

95 100

174 78.5 0.0 143.4

176 71.4 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002109.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002109.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002109.D (-1714) (-)

12.48

5000

4000

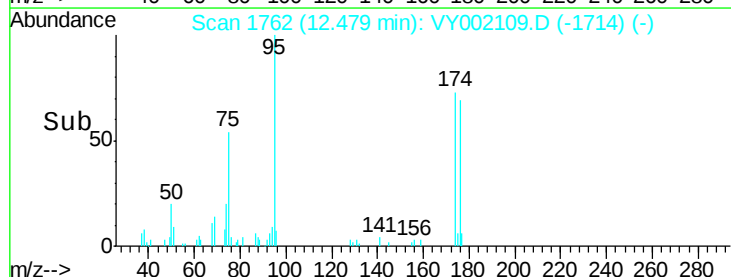
3000

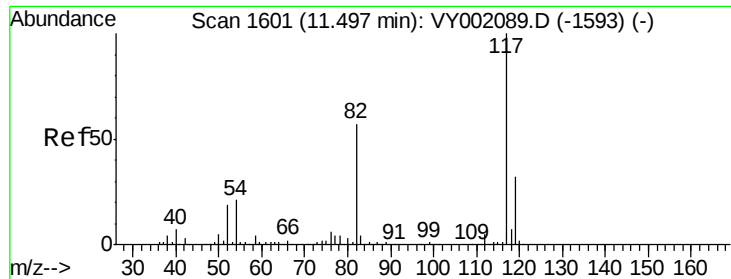
2000

1000

0

Time--> 12.40 12.45 12.50 12.55

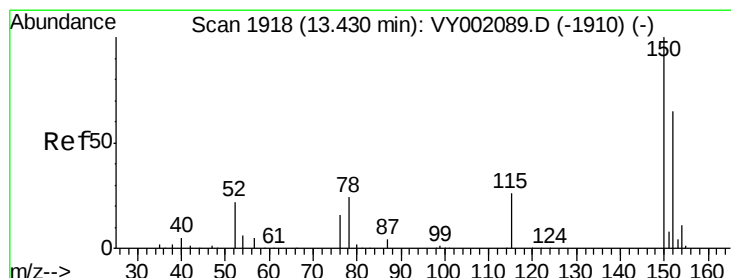
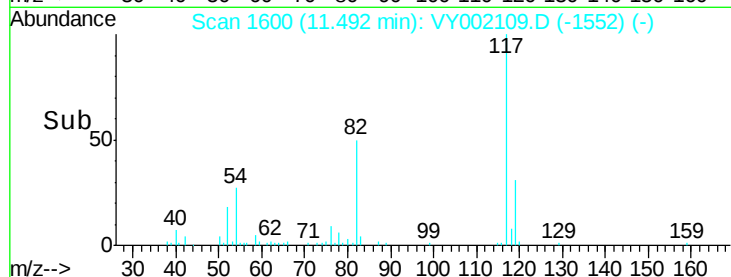
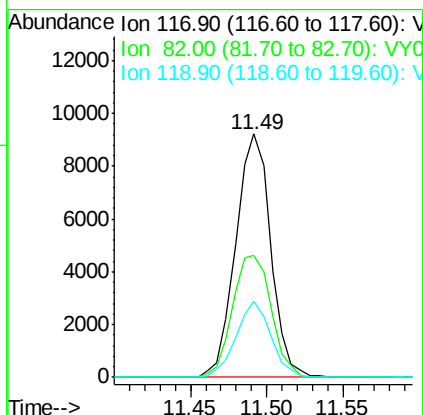
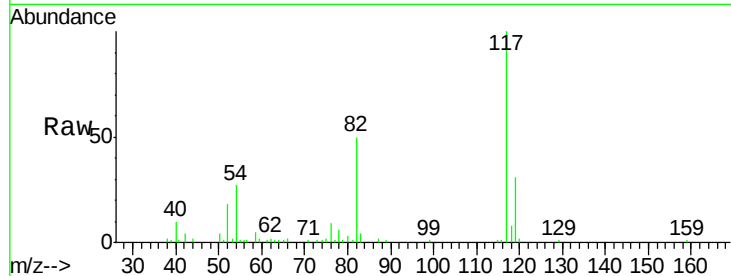




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002109.D
Acq: 27 Mar 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(10-12)

Tot Ion:117 Resp: 14629
Ion Ratio Lower Upper
117 100
82 50.3 45.4 68.2
119 31.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002109.D
Acq: 27 Mar 2020 16:38

Tgt Ion:152 Resp: 6338
Ion Ratio Lower Upper
152 100
115 63.8 31.2 93.6
150 150.7 0.0 354.8

