

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000847.D
 Acq On : 03 Dec 2019 18:32
 Operator : SY/MD
 Sample : K6119-03
 Misc : 4.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(1-3)

Quant Time: Dec 04 02:06:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	17115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	28494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	21790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	7748	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	8493	46.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.40%	
35) Dibromofluoromethane	7.72	113	4033	24.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	48.58%	
50) Toluene-d8	10.18	98	31436	47.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	12.48	95	8872	35.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.16%	

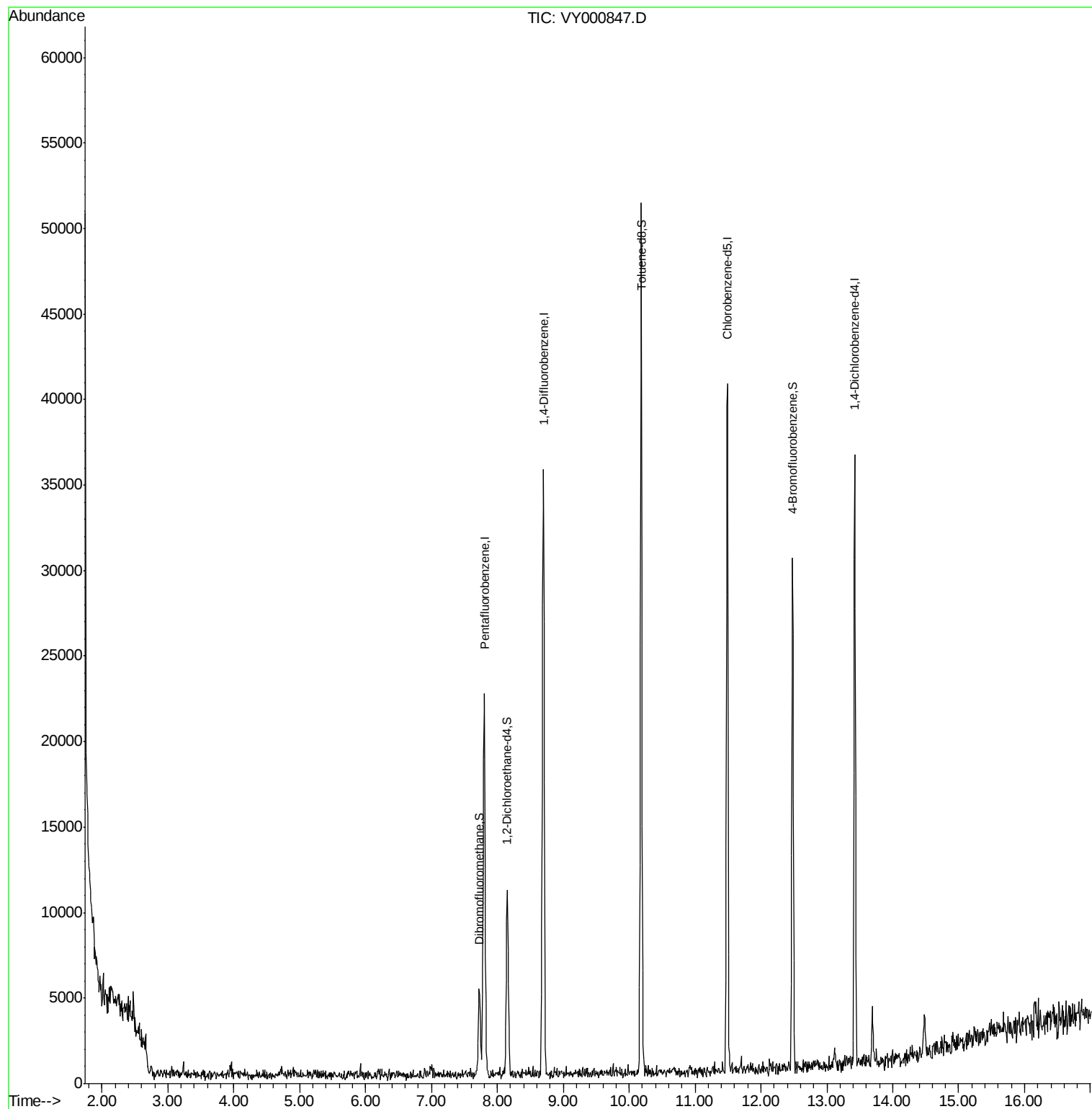
Target Compounds	Qvalue
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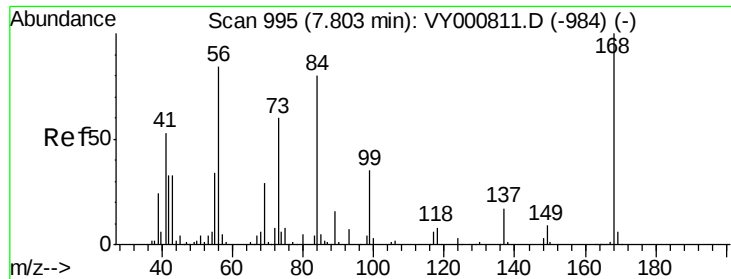
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000847.D

Acq: 03 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

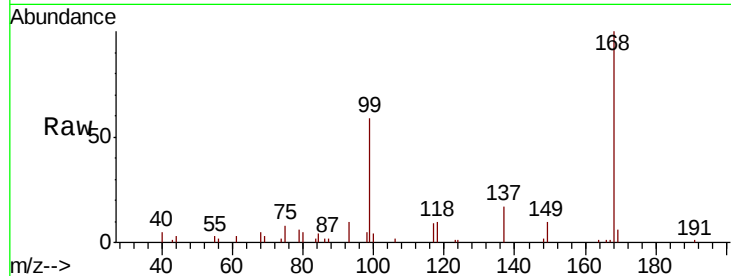
SB-6-(1-3)

Tot Ion:168 Resp: 17115

Ion Ratio Lower Upper

168 100

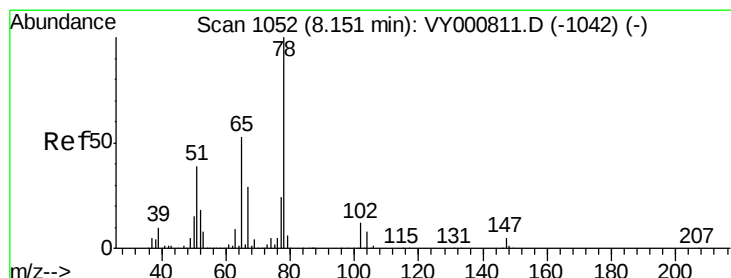
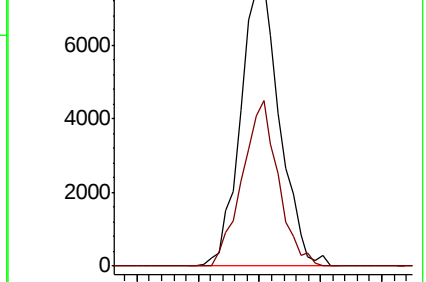
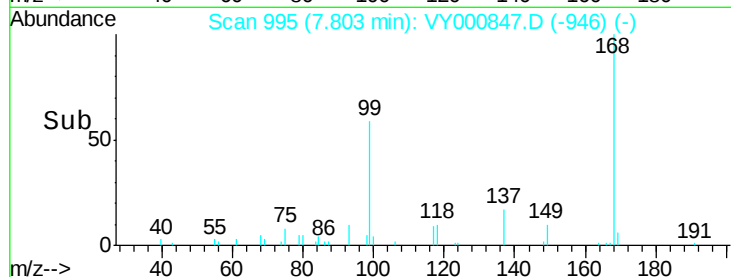
99 58.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000847.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000847.D (-946) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.700 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000847.D

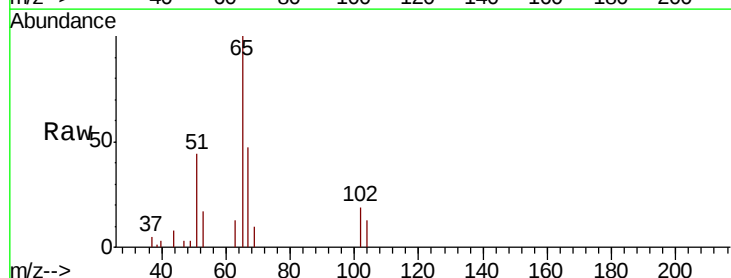
Acq: 03 Dec 2019 18:32

Tgt Ion: 65 Resp: 8493

Ion Ratio Lower Upper

65 100

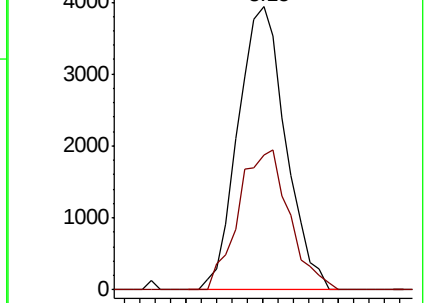
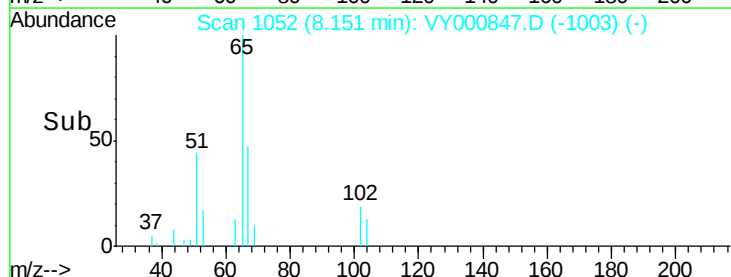
67 52.7 0.0 112.0

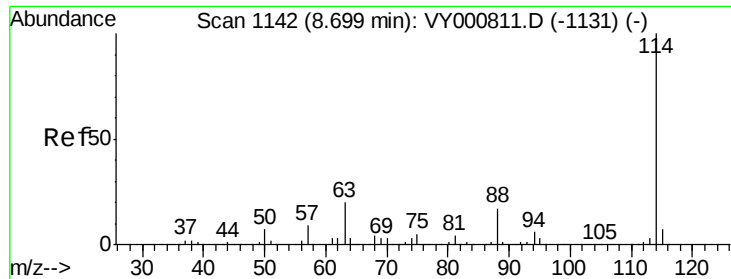


Abundance Ion 64.90 (64.60 to 65.60): VY000847.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000847.D (-1003) (-)

Time-->

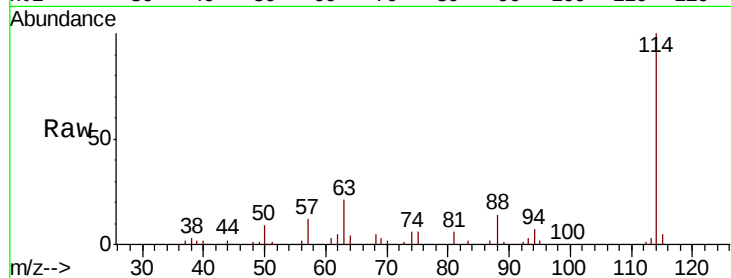




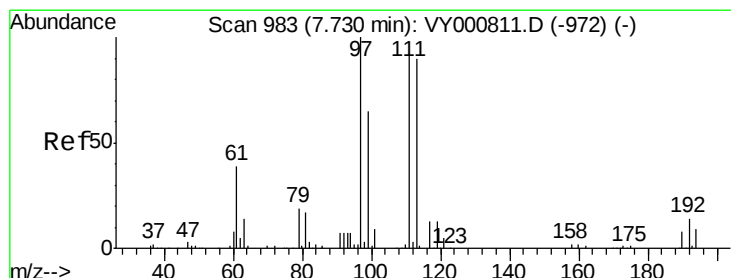
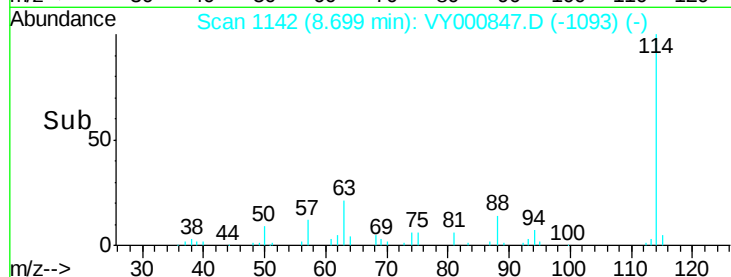
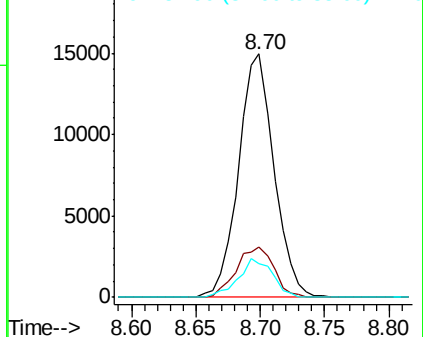
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000847.D
 Acq: 03 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(1-3)

Tot Ion:114 Resp: 28494
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.8
 88 14.0 0.0 33.2

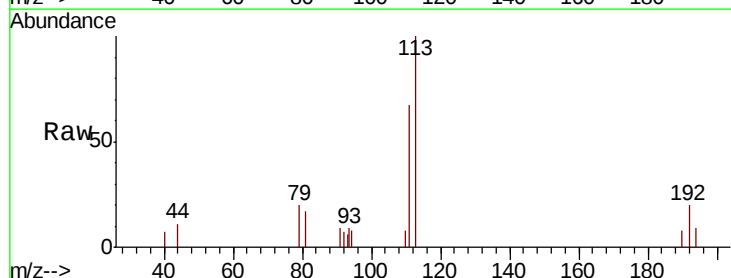


Abundance Ion 113.90 (113.60 to 114.60): V
 20000 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

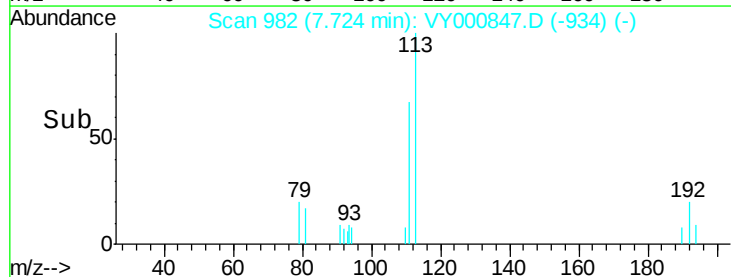
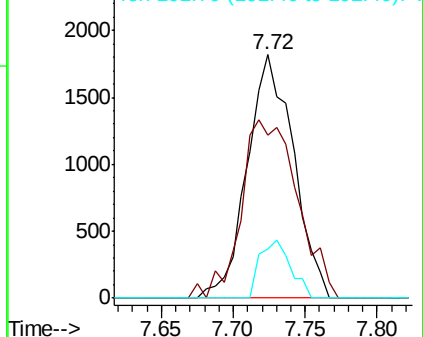


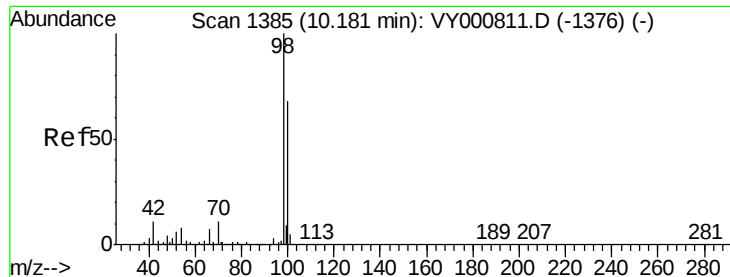
#35
 Dibromofluoromethane
 Concen: 24.286 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000847.D
 Acq: 03 Dec 2019 18:32

Tgt Ion:113 Resp: 4033
 Ion Ratio Lower Upper
 113 100
 111 88.9 82.4 123.6
 192 15.8 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
 2500 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.350 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000847.D

Acq: 03 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

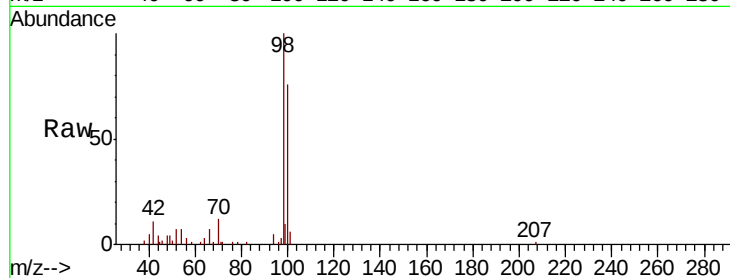
SB-6-(1-3)

Tot Ion: 98 Resp: 31436

Ion Ratio Lower Upper

98 100

100 70.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY000847.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY000847.D (-1336) (-)

10.18

20000

15000

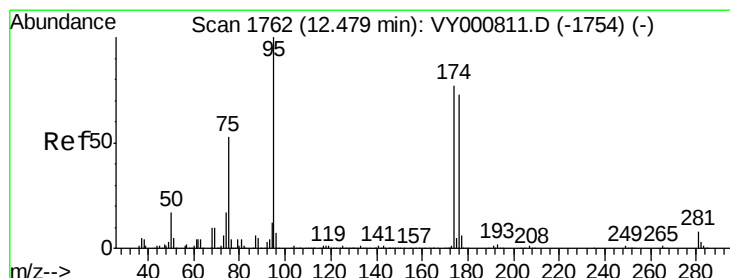
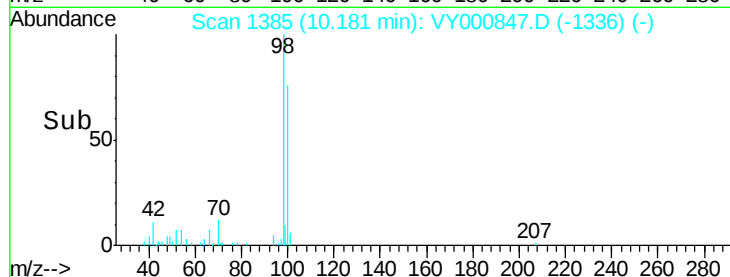
10000

5000

0

Time-->

10.10 10.15 10.20 10.25



#62

4-Bromofluorobenzene

Concen: 35.583 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000847.D

Acq: 03 Dec 2019 18:32

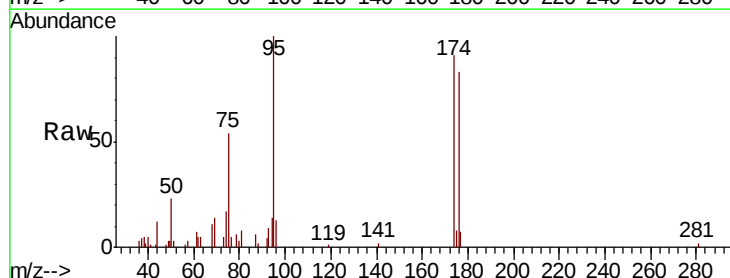
Tgt Ion: 95 Resp: 8872

Ion Ratio Lower Upper

95 100

174 82.1 0.0 150.6

176 69.0 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY000847.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000847.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000847.D (-1713) (-)

12.48

6000

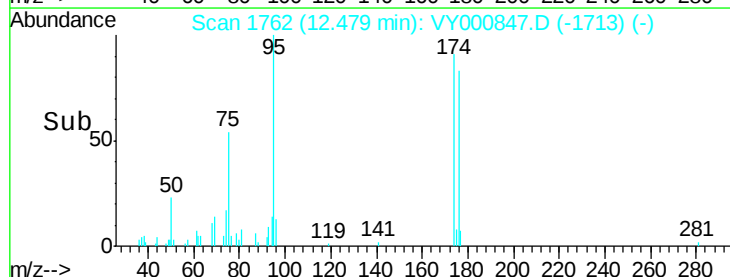
4000

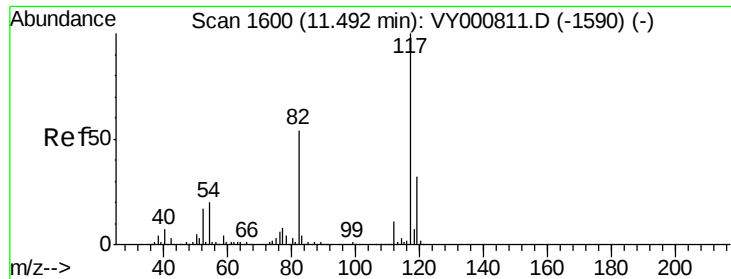
2000

0

Time-->

12.40 12.45 12.50

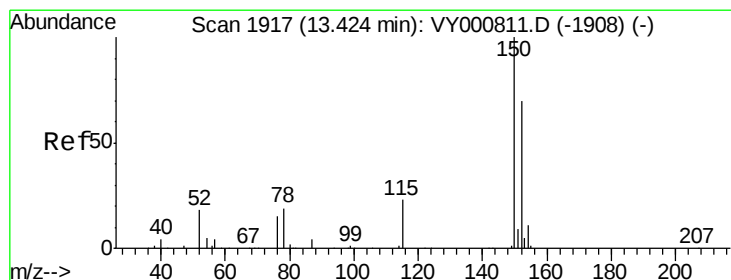
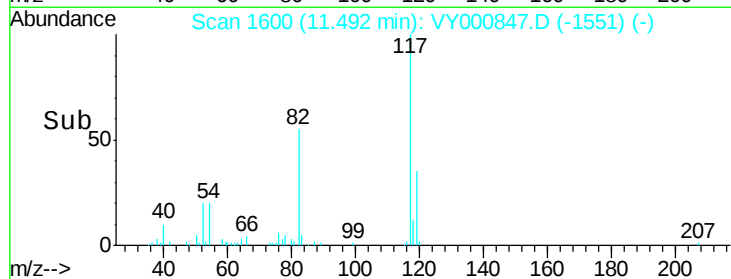
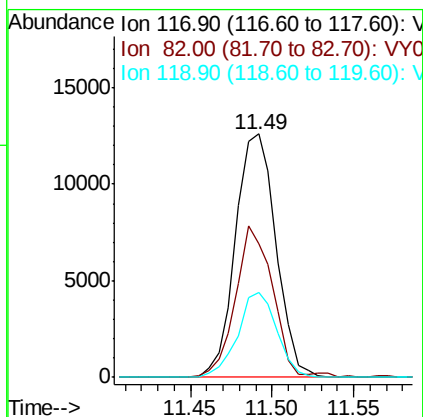
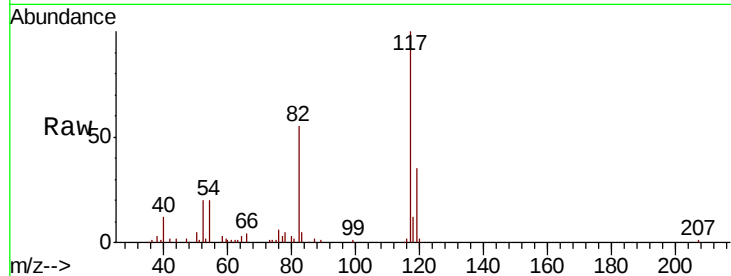




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000847.D
Acq: 03 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(1-3)

Tot Ion:117 Resp: 21790
Ion Ratio Lower Upper
117 100
82 54.9 43.1 64.7
119 34.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000847.D
Acq: 03 Dec 2019 18:32

Tgt Ion:152 Resp: 7748
Ion Ratio Lower Upper
152 100
115 66.2 29.3 87.8
150 165.4 0.0 351.2

