

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003569.D
 Acq On : 20 Nov 2020 15:49
 Operator : SY/MD
 Sample : L4836-01
 Misc : 6.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Quant Time: Nov 21 02:31:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	105014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	227054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	205629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	88954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	78652	72.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.26%
35) Dibromofluoromethane	7.72	113	77698	52.06	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.12%
50) Toluene-d8	10.17	98	276967	47.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.44%
62) 4-Bromofluorobenzene	12.48	95	81443	44.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.44%

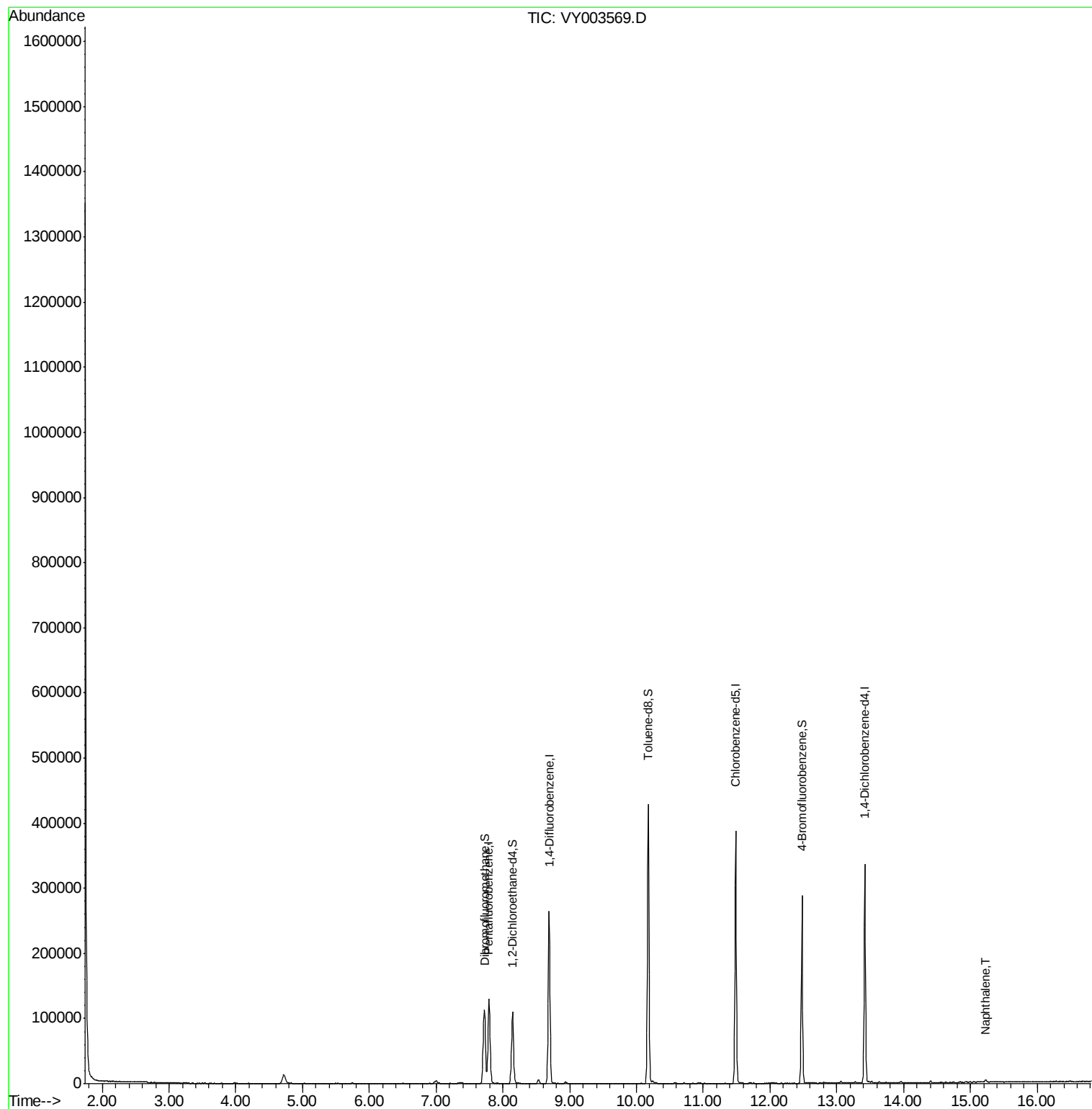
Target Compounds					Qvalue
95) Naphthalene	15.23	128	2736	1.207 ug/l #	93

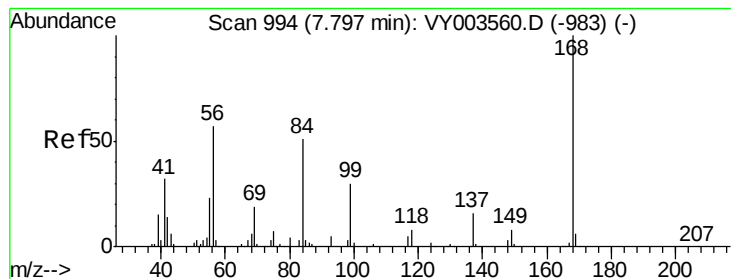
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
Data File : VY003569.D
Acq On : 20 Nov 2020 15:49
Operator : SY/MD
Sample : L4836-01
Misc : 6.13G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

Quant Time: Nov 21 02:31:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampled :

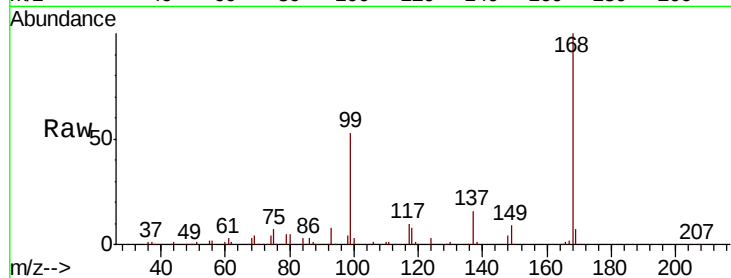
SB-01

Tot Ion:168 Resp: 105014

Ion Ratio Lower Upper

168 100

99 53.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)

7.79

40000

30000

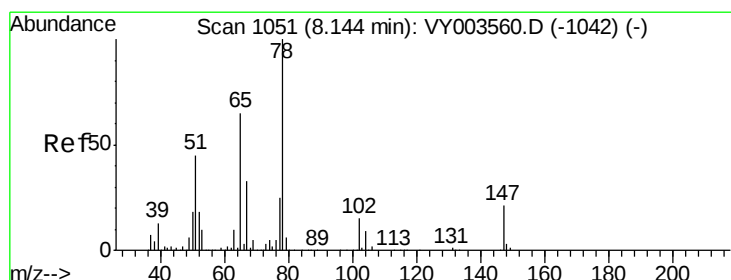
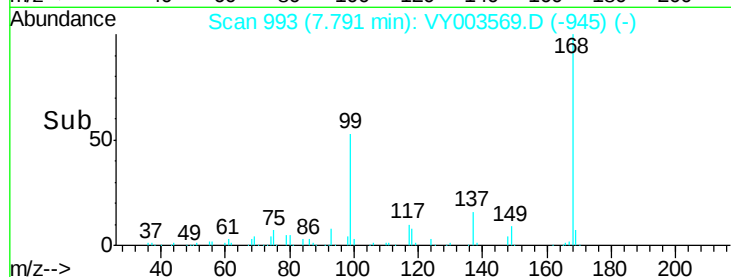
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 72.132 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003569.D

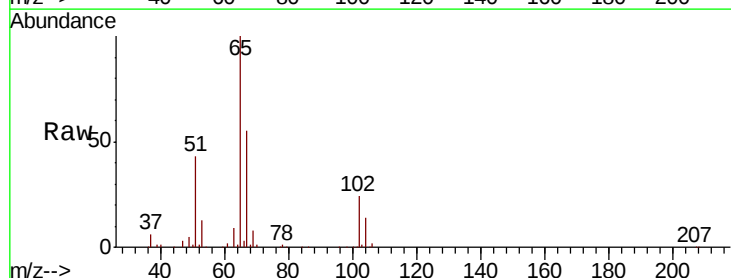
Acq: 20 Nov 2020 15:49

Tgt Ion: 65 Resp: 78652

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VY003560.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY003560.D (-1042) (-)

8.14

40000

30000

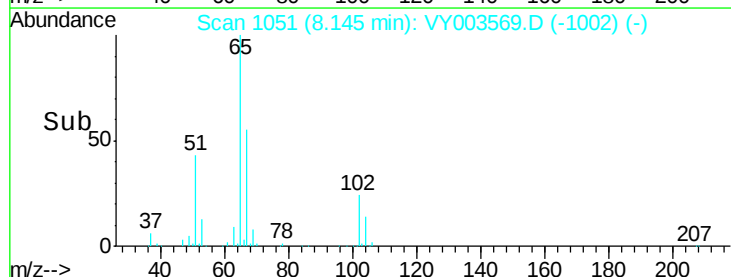
20000

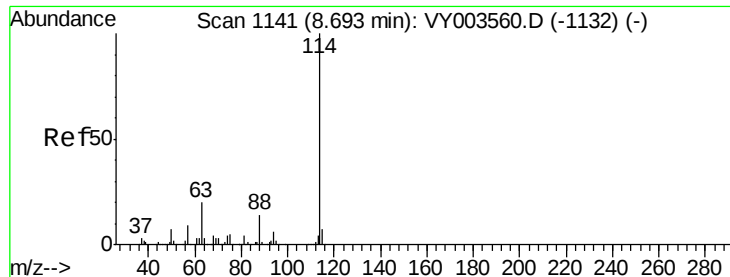
10000

0

8.10 8.20

Time-->

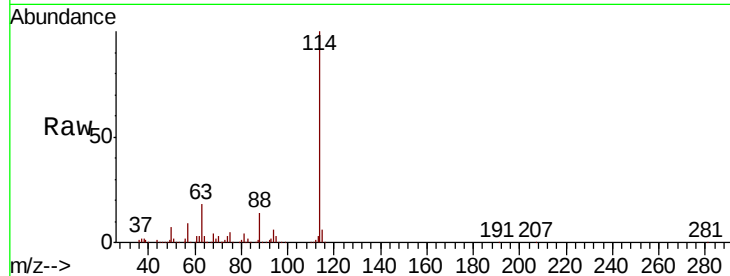




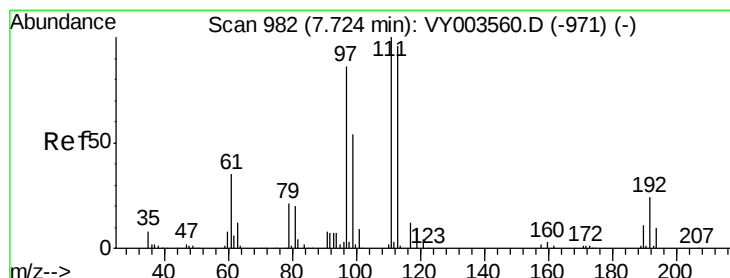
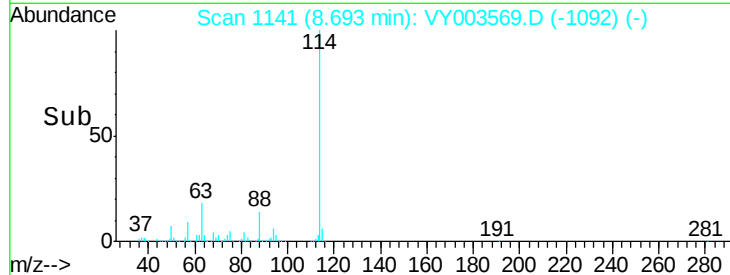
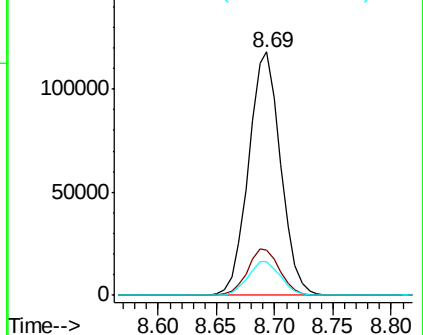
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003569.D
 Acq: 20 Nov 2020 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Tot Ion:114 Resp: 227054
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.8
 88 13.8 0.0 29.0

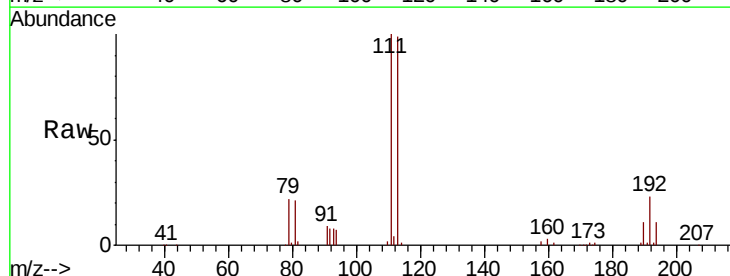


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

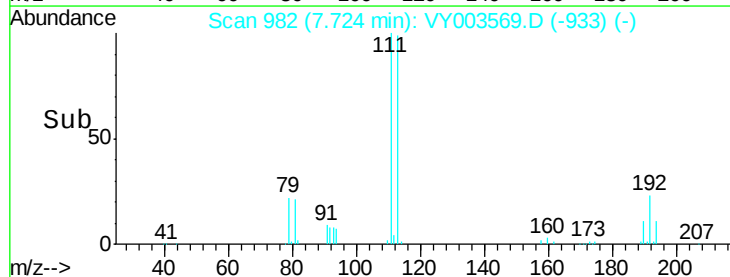
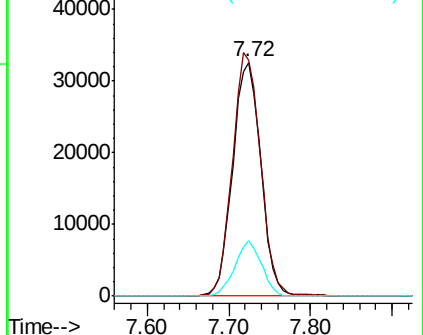


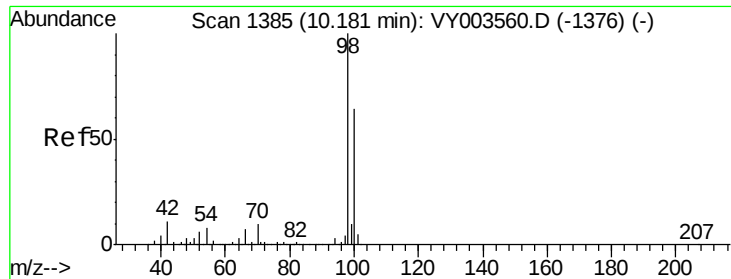
#35
 Dibromofluoromethane
 Concen: 52.059 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003569.D
 Acq: 20 Nov 2020 15:49

Tgt Ion:113 Resp: 77698
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 22.2 18.1 27.1



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: 47.723 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

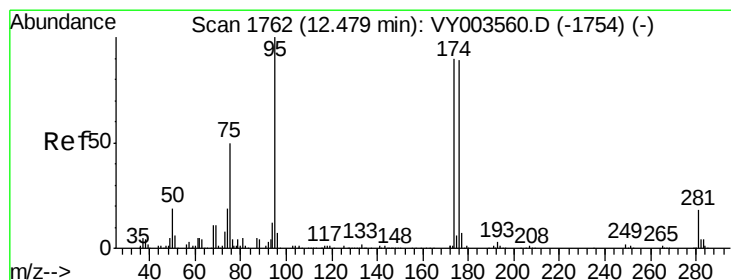
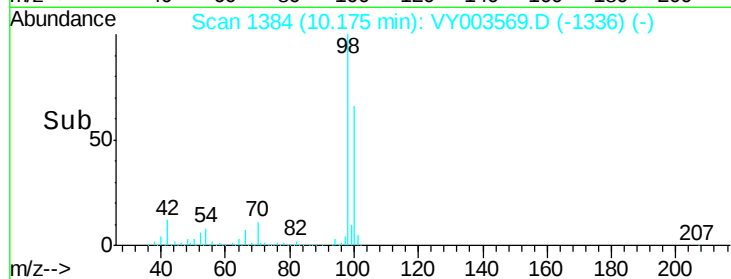
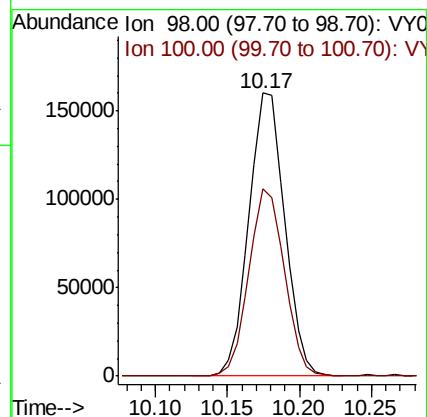
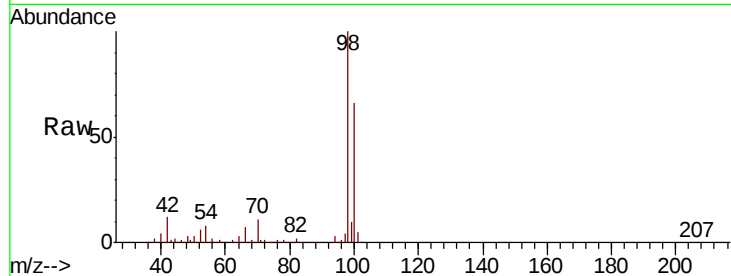
SB-01

Tot Ion: 98 Resp: 276967

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.219 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

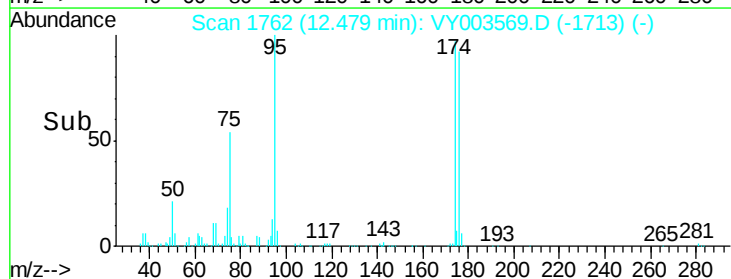
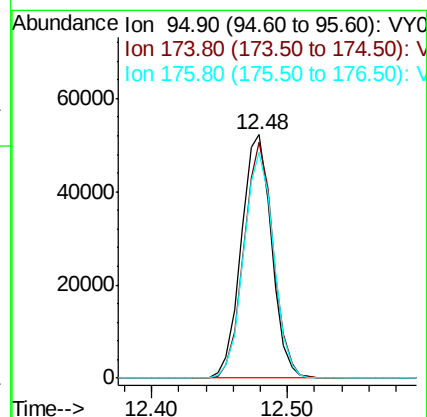
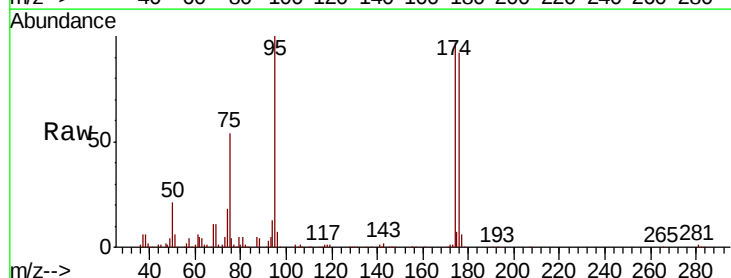
Tgt Ion: 95 Resp: 81443

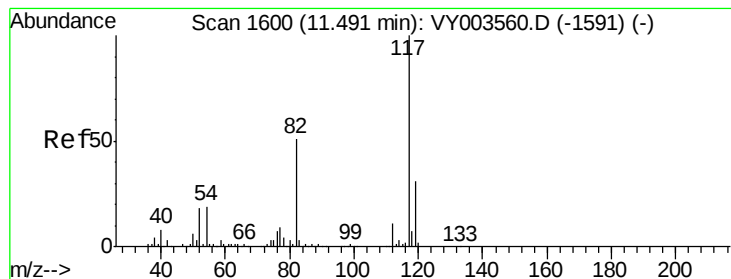
Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.0

176 91.1 0.0 180.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-01

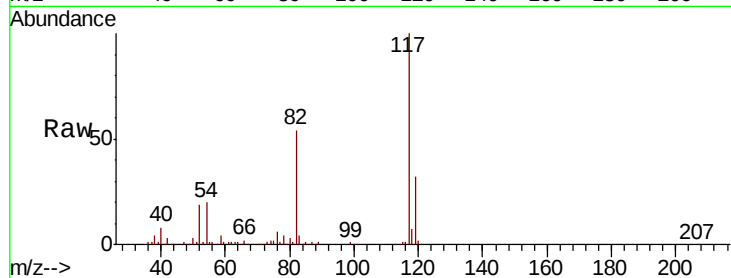
Tot Ion:117 Resp: 205629

Ion Ratio Lower Upper

117 100

82 53.6 41.0 61.6

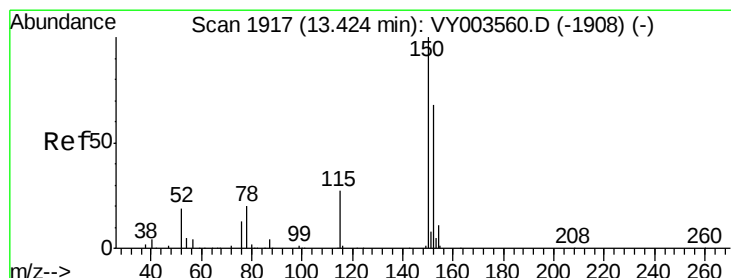
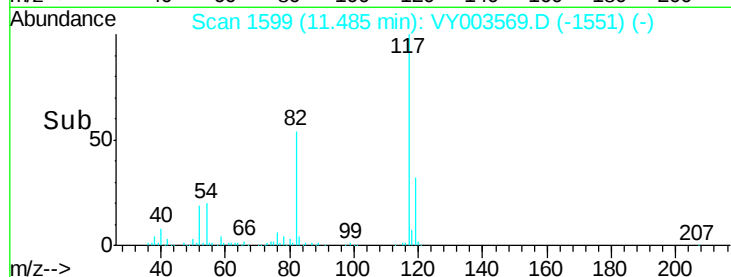
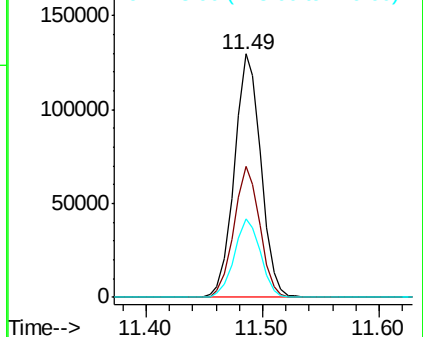
119 32.3 25.0 37.6



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: VY003569.D

Acq: 20 Nov 2020 15:49

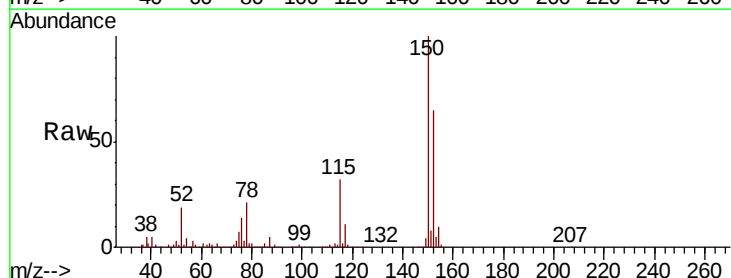
Tgt Ion:152 Resp: 88954

Ion Ratio Lower Upper

152 100

115 53.1 27.4 82.0

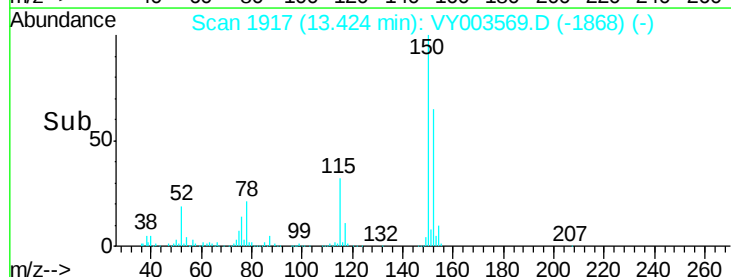
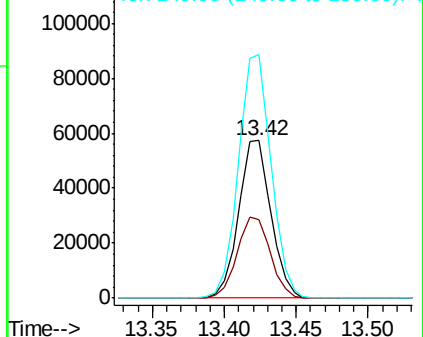
150 156.2 0.0 349.6

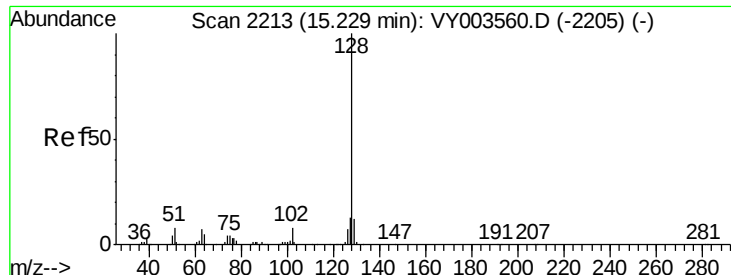


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.207 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY003569.D

Acq: 20 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-01

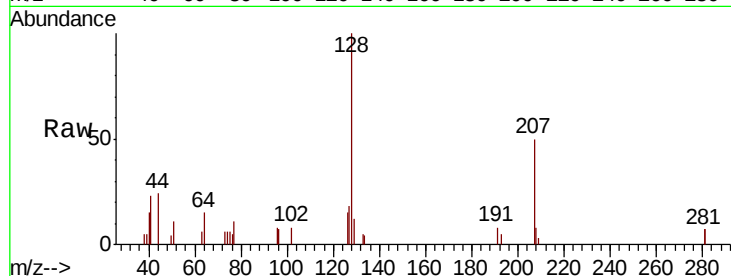
Tot Ion:128 Resp: 2736

Ion Ratio Lower Upper

128 100

127 16.9 10.3 15.5#

129 10.0 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

