

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003570.D
 Acq On : 20 Nov 2020 16:11
 Operator : SY/MD
 Sample : L4836-02
 Misc : 4.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

Quant Time: Nov 21 02:33:13 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	103036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	225855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	205124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	88023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	75105	70.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.40%
35) Dibromofluoromethane	7.72	113	76198	51.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.64%
50) Toluene-d8	10.18	98	268506	46.51	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.02%
62) 4-Bromofluorobenzene	12.48	95	80865	44.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.28%

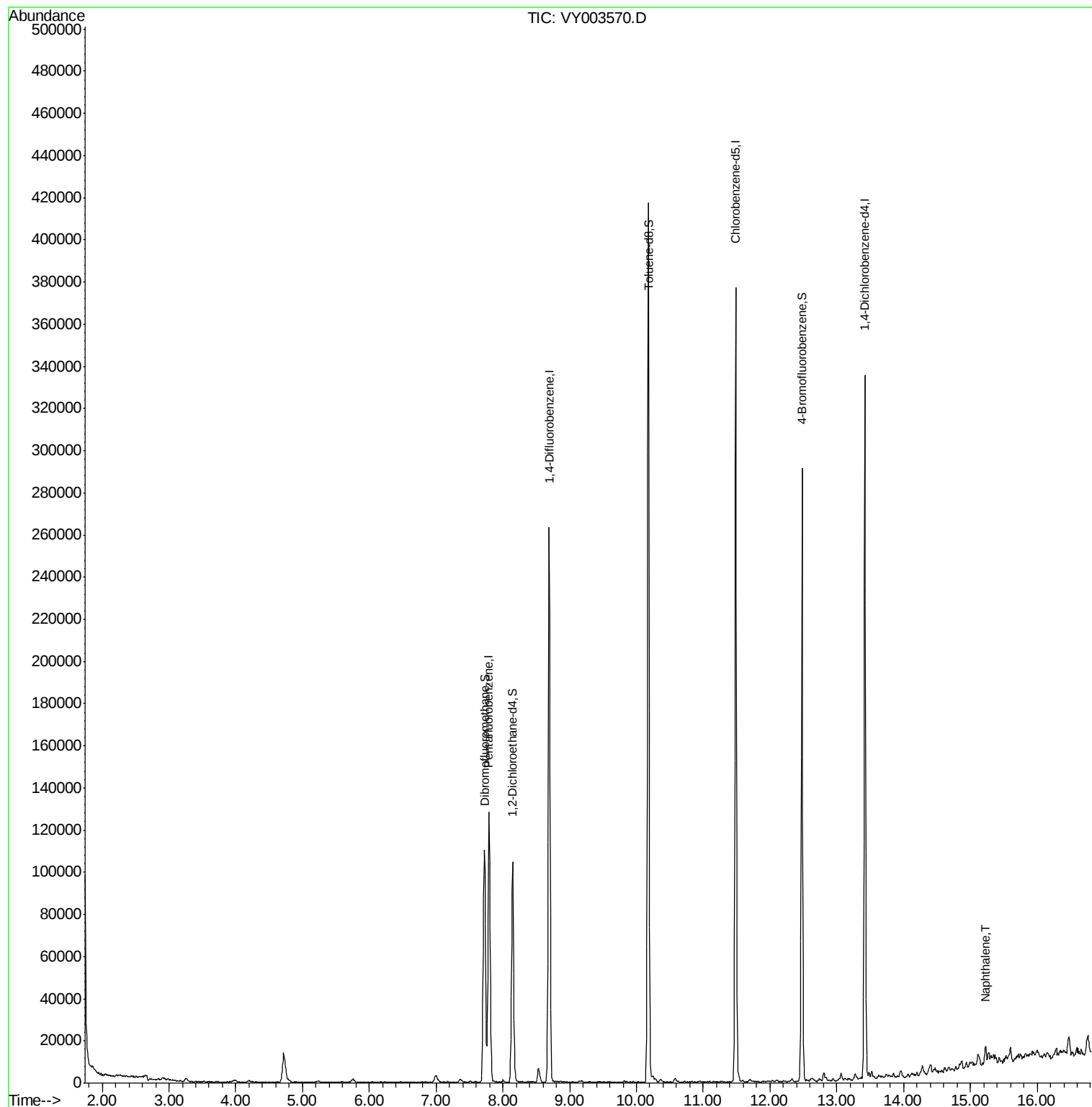
Target Compounds					Qvalue
95) Naphthalene	15.23	128	6009	2.679 ug/l	94

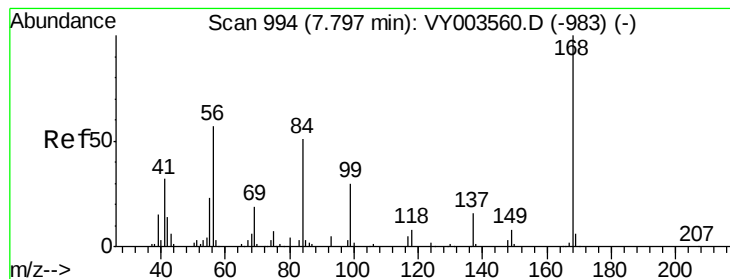
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
Data File : VY003570.D
Acq On : 20 Nov 2020 16:11
Operator : SY/MD
Sample : L4836-02
Misc : 4.19G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02

Quant Time: Nov 21 02:33:13 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: VY003570.D

Acq: 20 Nov 2020 16:11

Instrument :

MSVOA_Y

ClientSampled :

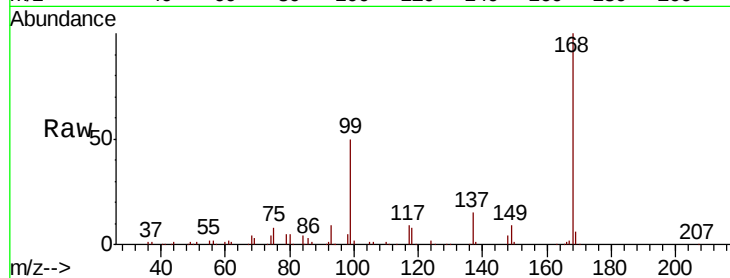
SB-02

Tot Ion:168 Resp: 103036

Ion Ratio Lower Upper

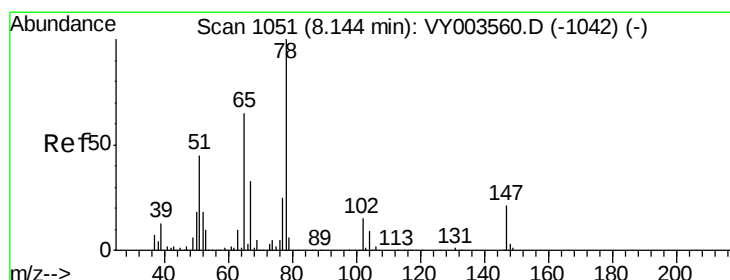
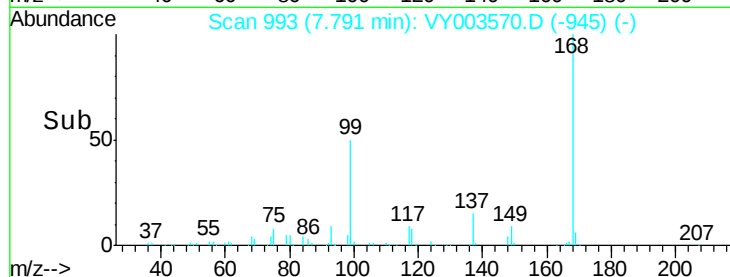
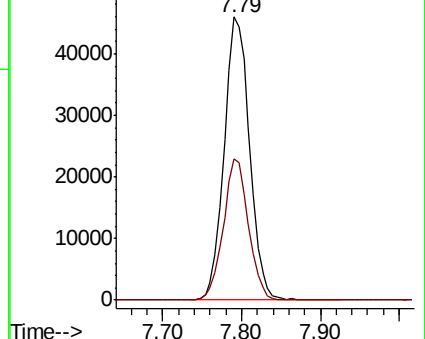
168 100

99 50.0 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 70.201 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003570.D

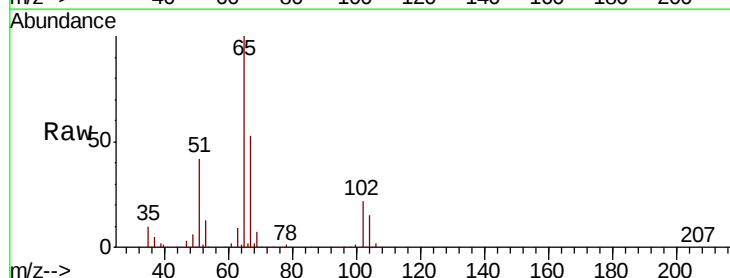
Acq: 20 Nov 2020 16:11

Tgt Ion: 65 Resp: 75105

Ion Ratio Lower Upper

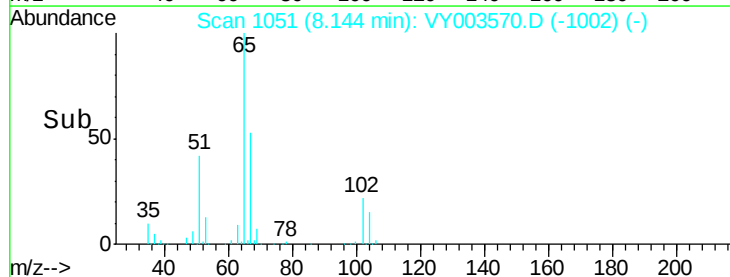
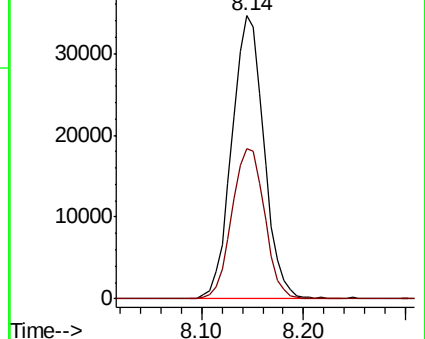
65 100

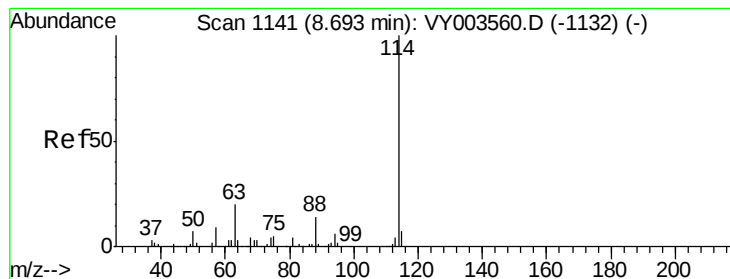
67 54.2 0.0 110.2



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

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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003570.D

Acq: 20 Nov 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-02

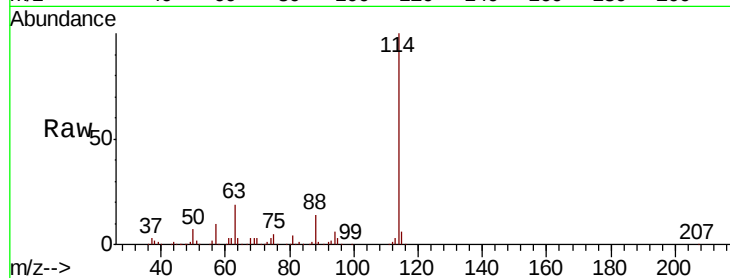
Tot Ion:114 Resp: 225855

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.8

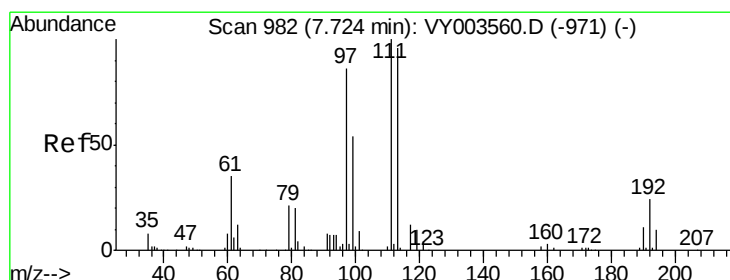
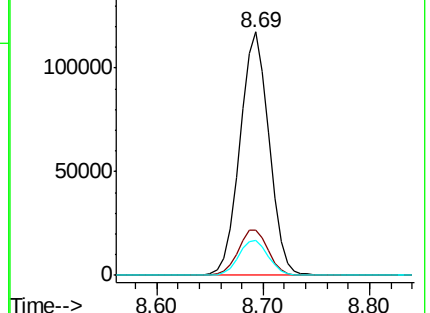
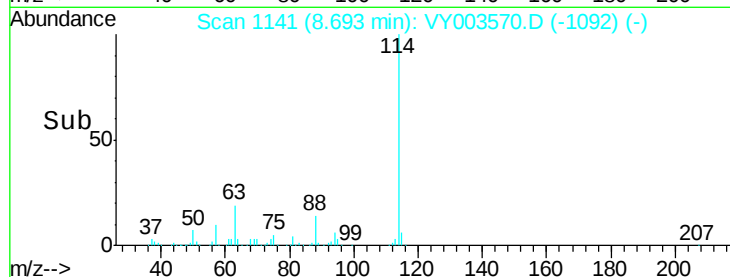
88 14.4 0.0 29.0



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: 51.325 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003570.D

Acq: 20 Nov 2020 16:11

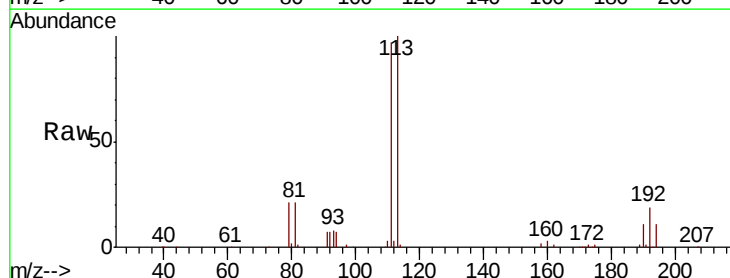
Tgt Ion:113 Resp: 76198

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

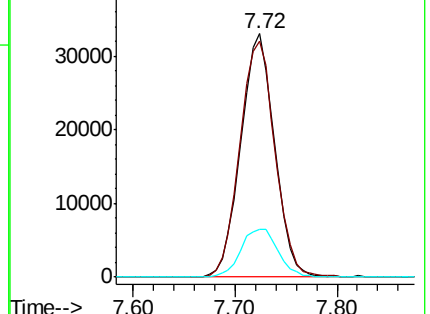
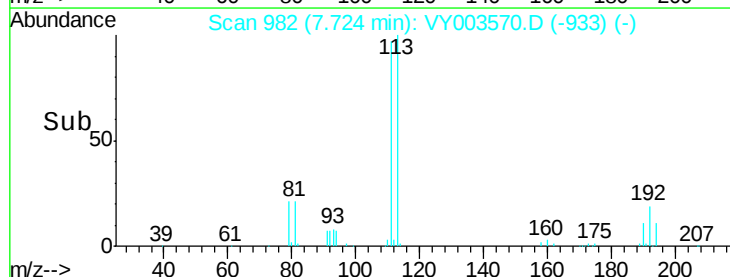
192 21.6 18.1 27.1

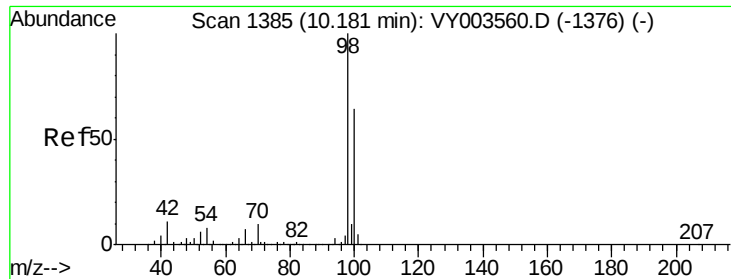


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.510 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003570.D

Acq: 20 Nov 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

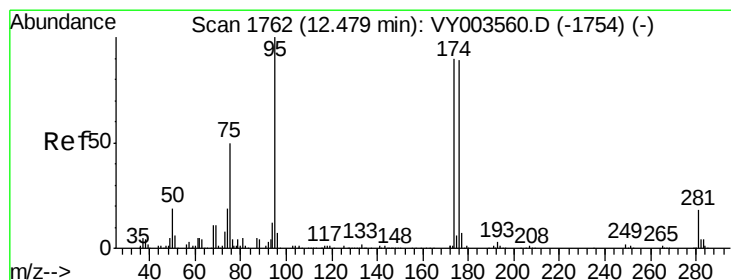
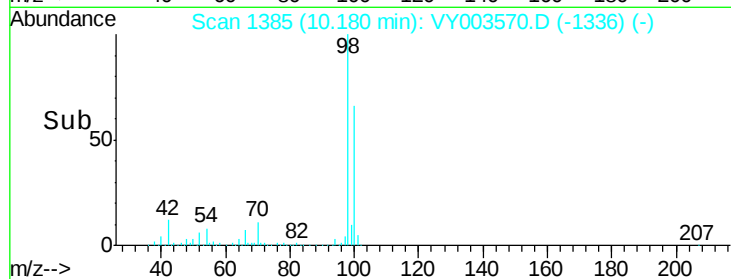
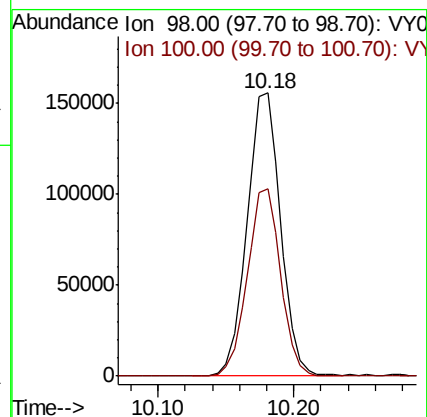
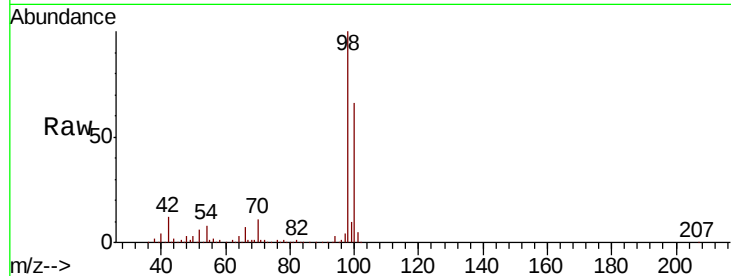
SB-02

Tot Ion: 98 Resp: 268506

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.138 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003570.D

Acq: 20 Nov 2020 16:11

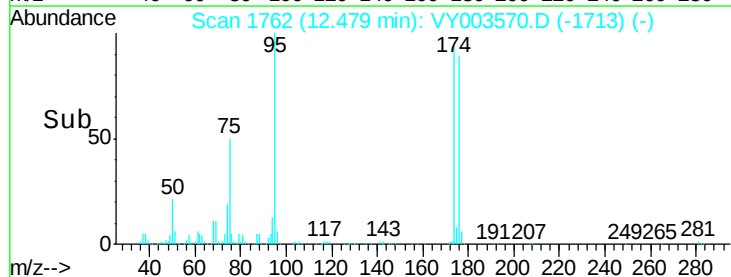
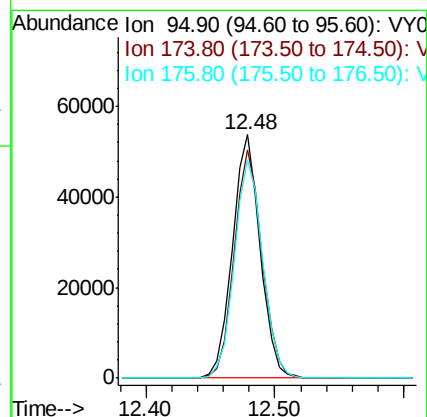
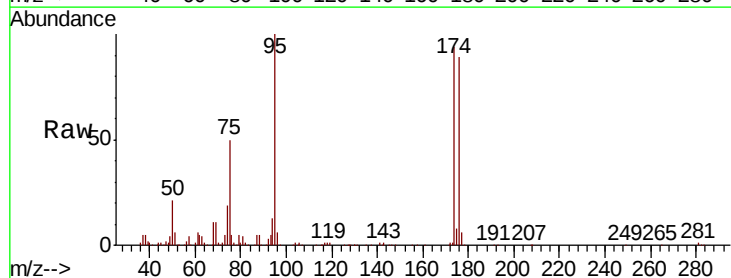
Tgt Ion: 95 Resp: 80865

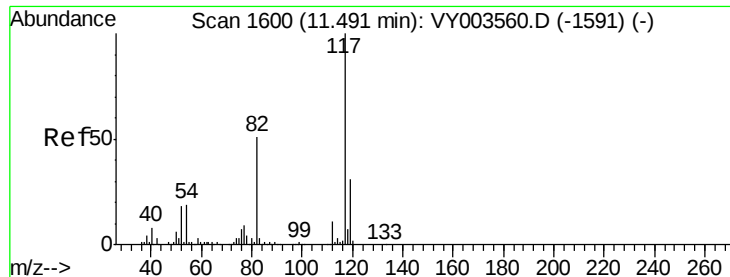
Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.0

176 91.4 0.0 180.4

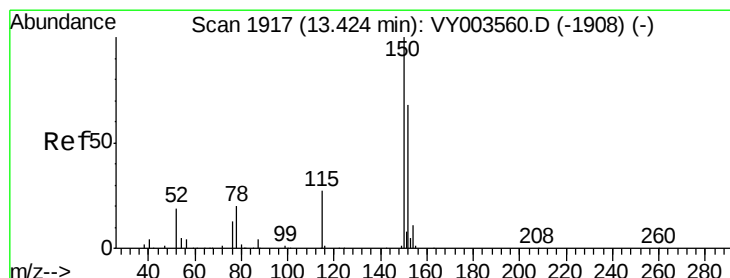
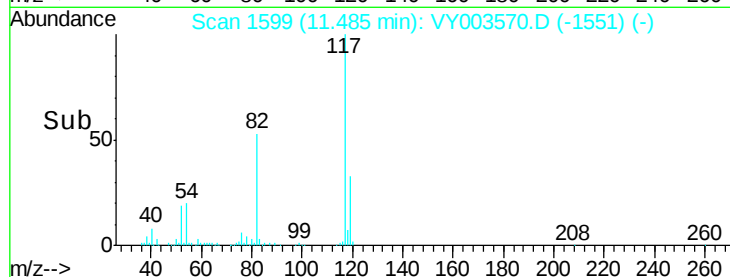
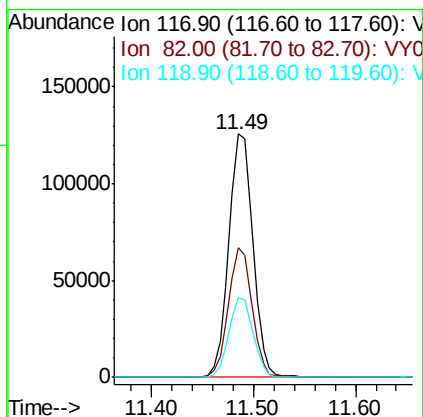
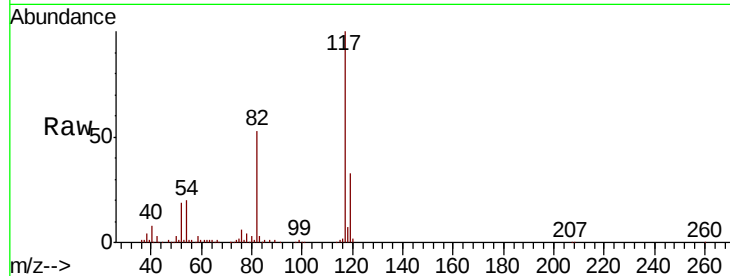




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003570.D
Acq: 20 Nov 2020 16:11

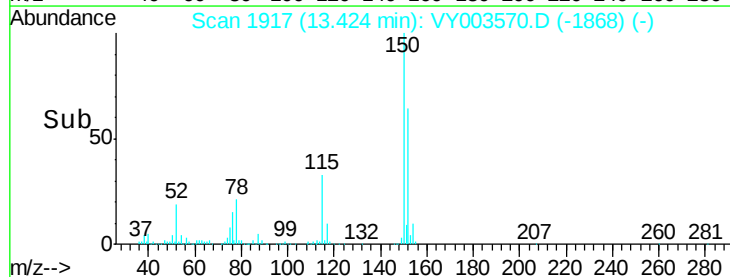
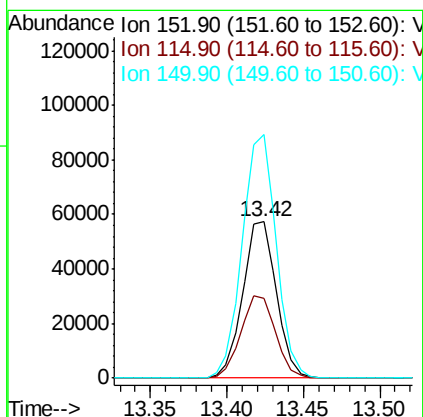
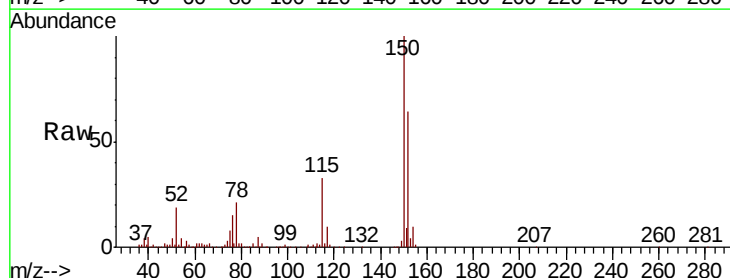
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

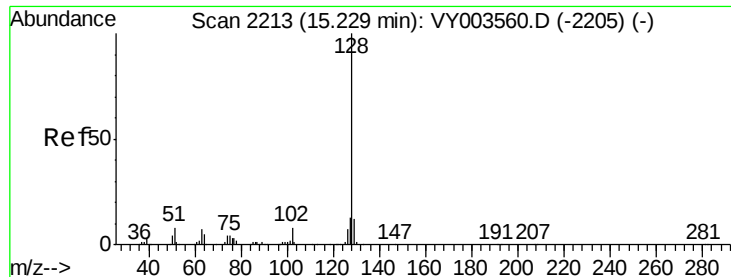
Tot Ion:117 Resp: 205124
Ion Ratio Lower Upper
117 100
82 53.2 41.0 61.6
119 32.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003570.D
Acq: 20 Nov 2020 16:11

Tgt Ion:152 Resp: 88023
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.0
150 157.0 0.0 349.6





#95
Naphthalene
Concen: 2.679 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY003570.D
Acq: 20 Nov 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-02

Tot Ion:128 Resp: 6009
Ion Ratio Lower Upper
128 100
127 15.2 10.3 15.5
129 13.4 9.0 13.4

