

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003573.D
 Acq On : 20 Nov 2020 17:18
 Operator : SY/MD
 Sample : L4836-05
 Misc : 5.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05

Quant Time: Nov 21 02:39:24 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	7.80	168	91839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	211403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	180442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	52798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	75846	79.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.08%
35) Dibromofluoromethane	7.72	113	76449	55.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.02%
50) Toluene-d8	10.17	98	261468	48.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.78%
62) 4-Bromofluorobenzene	12.48	95	60760	35.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.86%

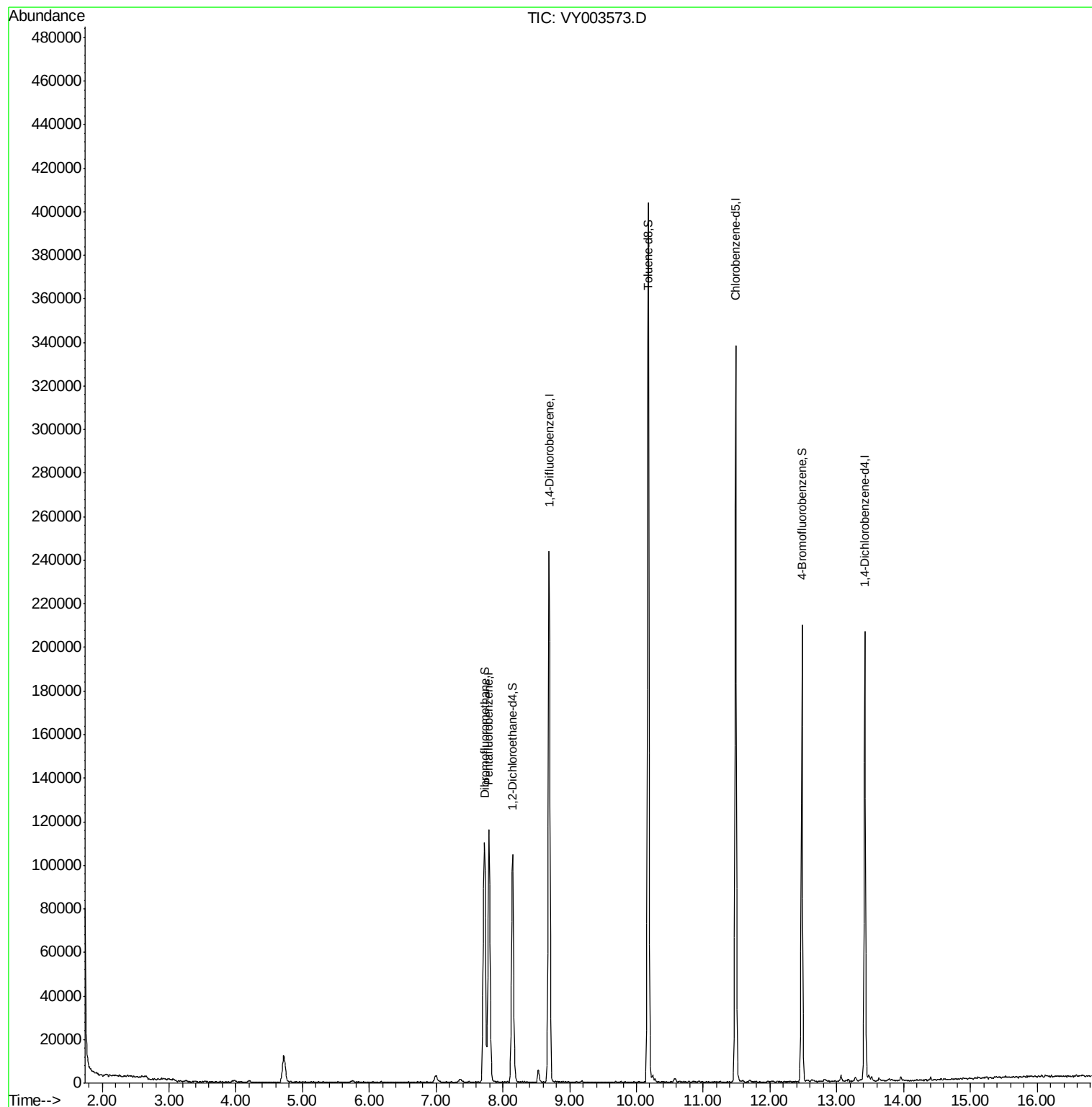
Target Compounds	Qvalue
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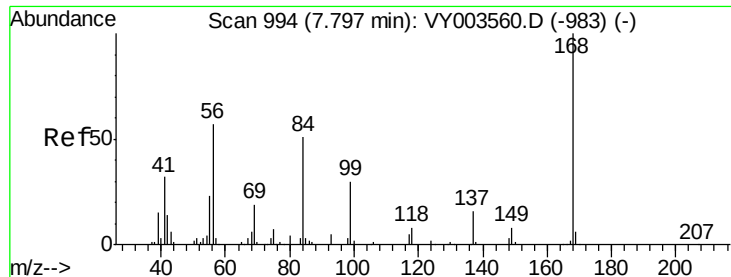
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003573.D

Acq: 20 Nov 2020 17:18

Instrument :

MSVOA_Y

ClientSampled :

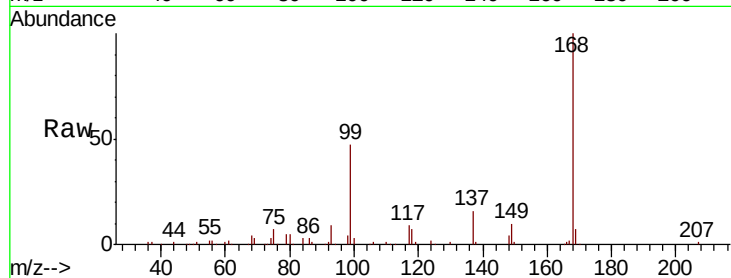
SB-05

Tot Ion:168 Resp: 91839

Ion Ratio Lower Upper

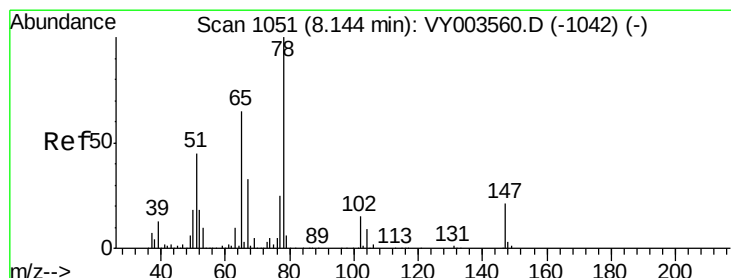
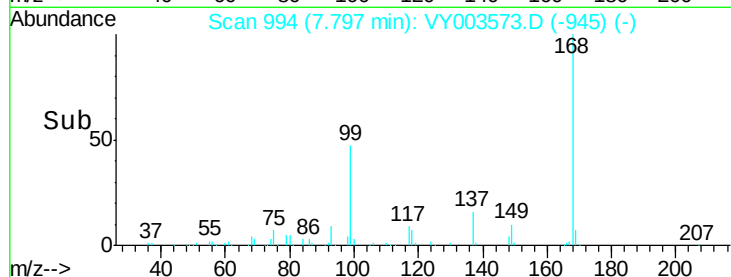
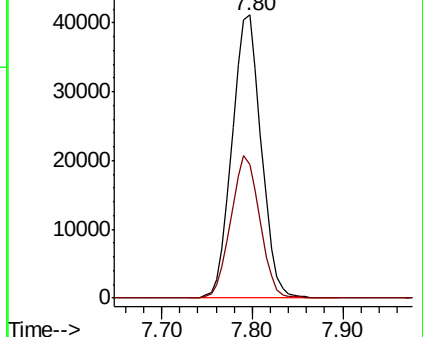
168 100

99 47.1 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: 79.537 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003573.D

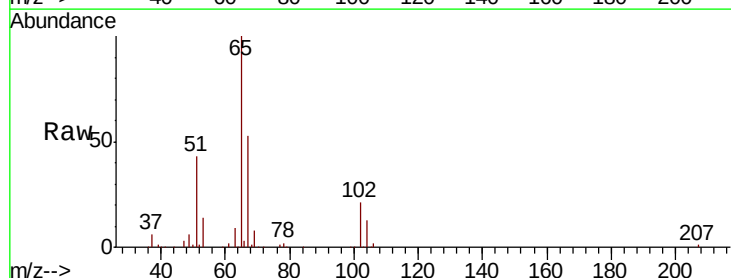
Acq: 20 Nov 2020 17:18

Tgt Ion: 65 Resp: 75846

Ion Ratio Lower Upper

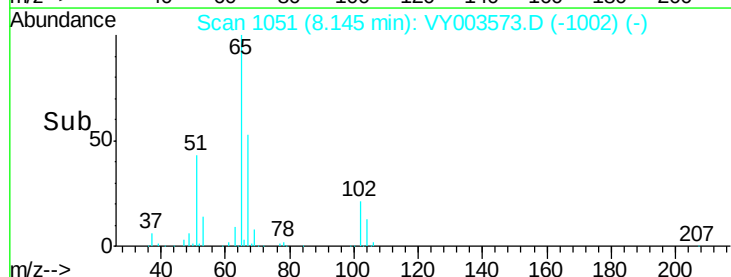
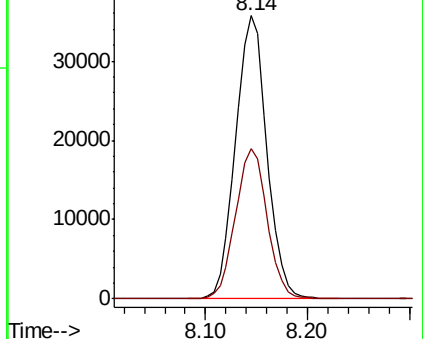
65 100

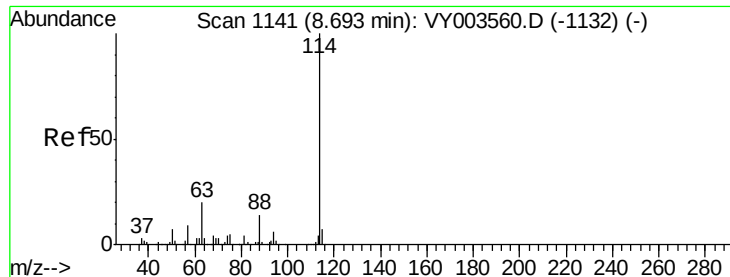
67 53.8 0.0 110.2



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

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

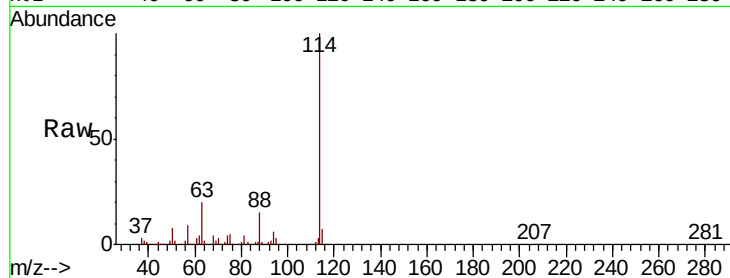




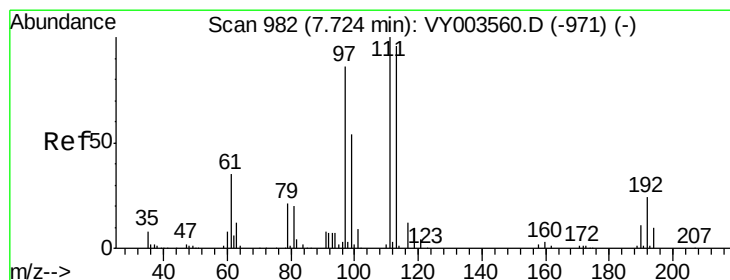
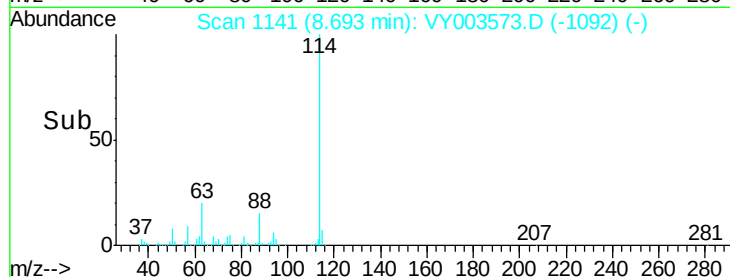
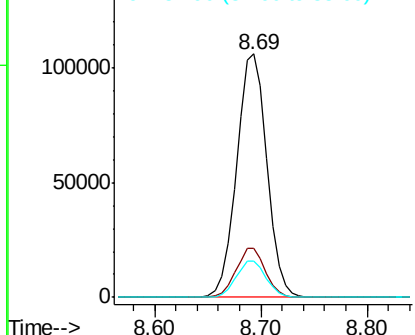
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003573.D
 Acq: 20 Nov 2020 17:18

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-05

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	14.7	0.0	29.0

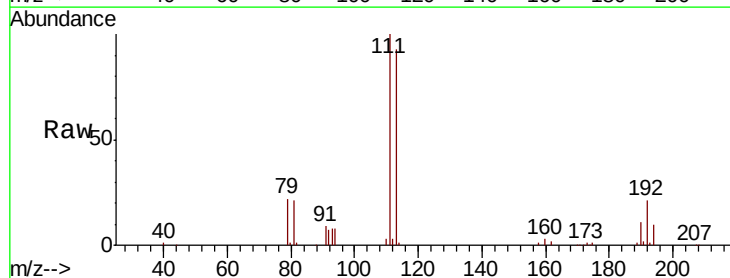


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

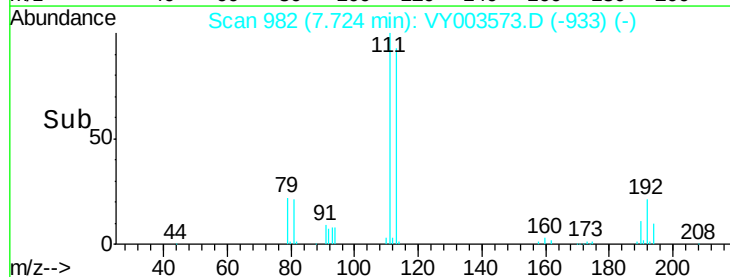
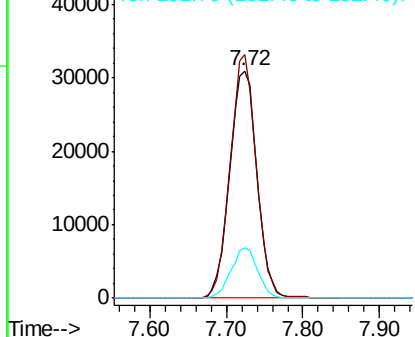


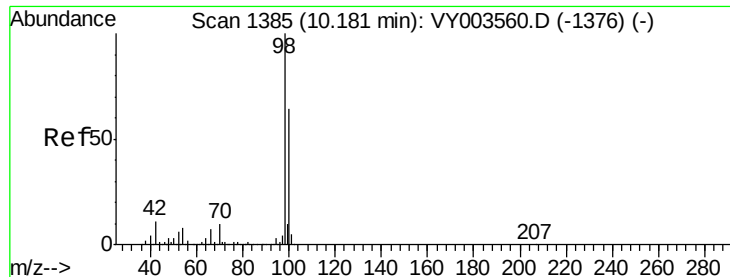
#35
 Dibromofluoromethane
 Concen: 55.014 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003573.D
 Acq: 20 Nov 2020 17:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	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: 48.388 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003573.D

Acq: 20 Nov 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

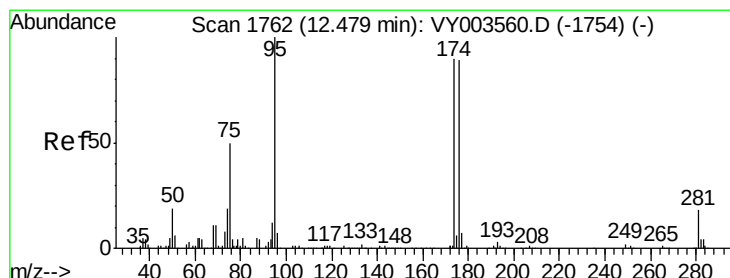
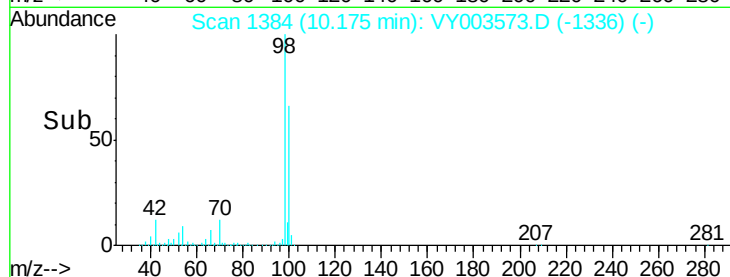
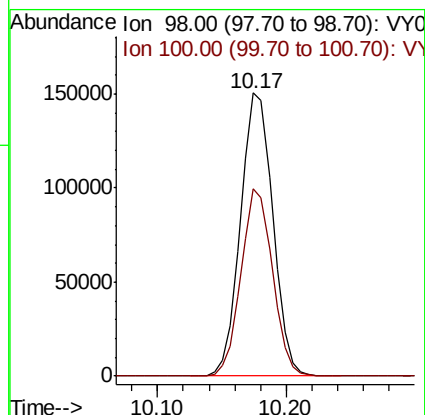
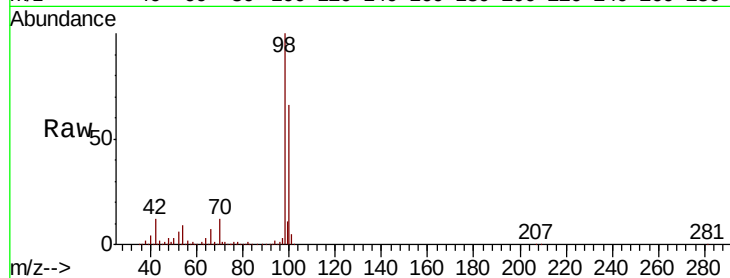
SB-05

Tot Ion: 98 Resp: 261468

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 35.432 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003573.D

Acq: 20 Nov 2020 17:18

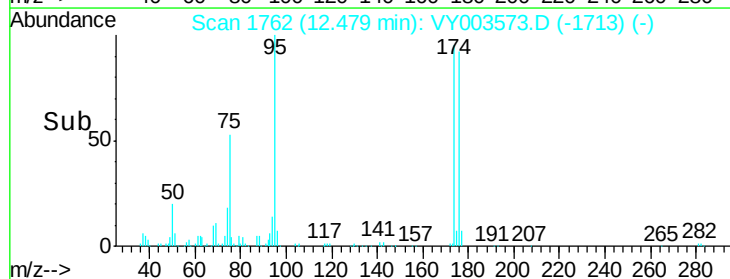
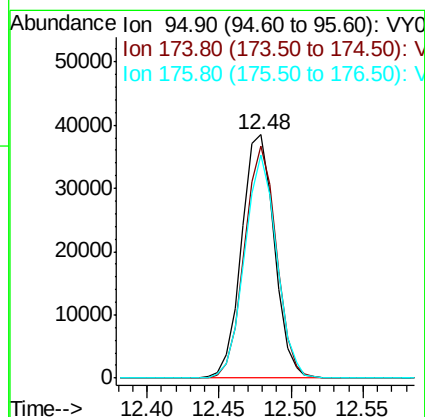
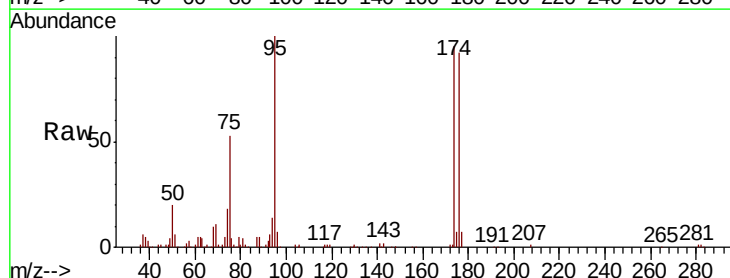
Tgt Ion: 95 Resp: 60760

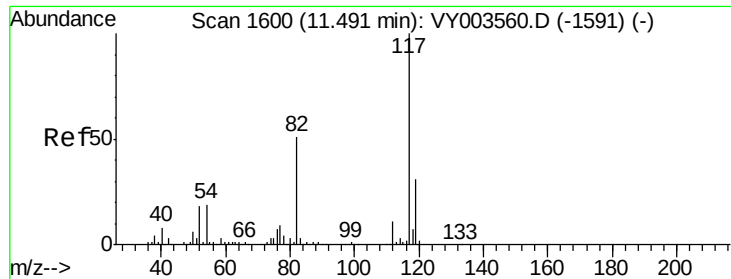
Ion Ratio Lower Upper

95 100

174 92.7 0.0 184.0

176 89.3 0.0 180.4

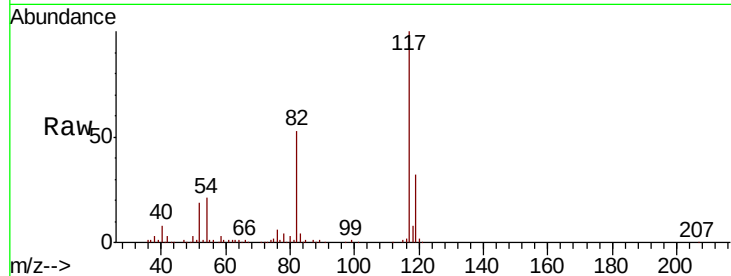




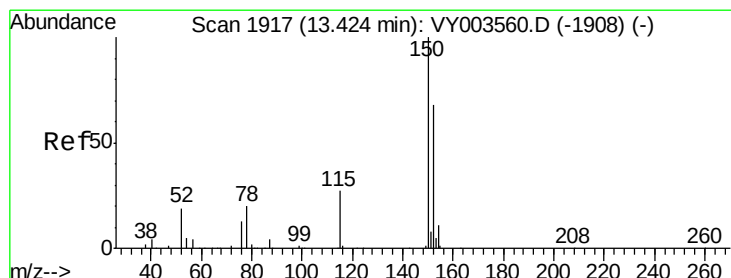
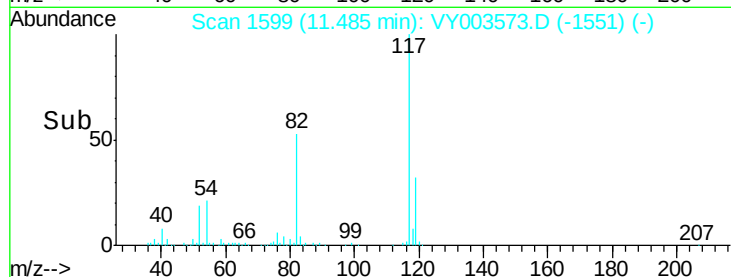
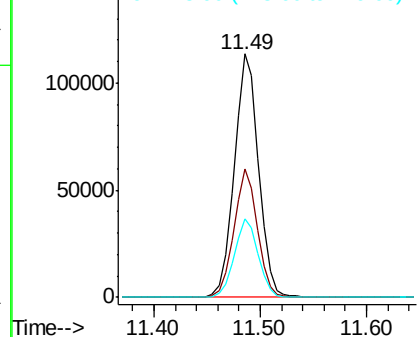
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003573.D
Acq: 20 Nov 2020 17:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-05

Tot Ion:117 Resp: 180442
Ion Ratio Lower Upper
117 100
82 52.6 41.0 61.6
119 32.2 25.0 37.6

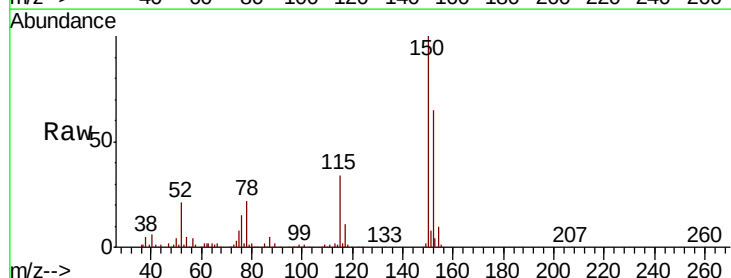


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003573.D
Acq: 20 Nov 2020 17:18

Tgt Ion:152 Resp: 52798
Ion Ratio Lower Upper
152 100
115 52.5 27.4 82.0
150 156.3 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

