

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003578.D
 Acq On : 20 Nov 2020 19:09
 Operator : SY/MD
 Sample : L4836-10
 Misc : 5.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SL-01

Quant Time: Nov 21 03:13:40 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	77624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	191007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	164343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	49967	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.14	65	70311	87.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.48%#	
35) Dibromofluoromethane		7.72	113	70871	56.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.90%	
50) Toluene-d8		10.17	98	227017	46.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.00%	
62) 4-Bromofluorobenzene		12.48	95	58886	38.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.02%	

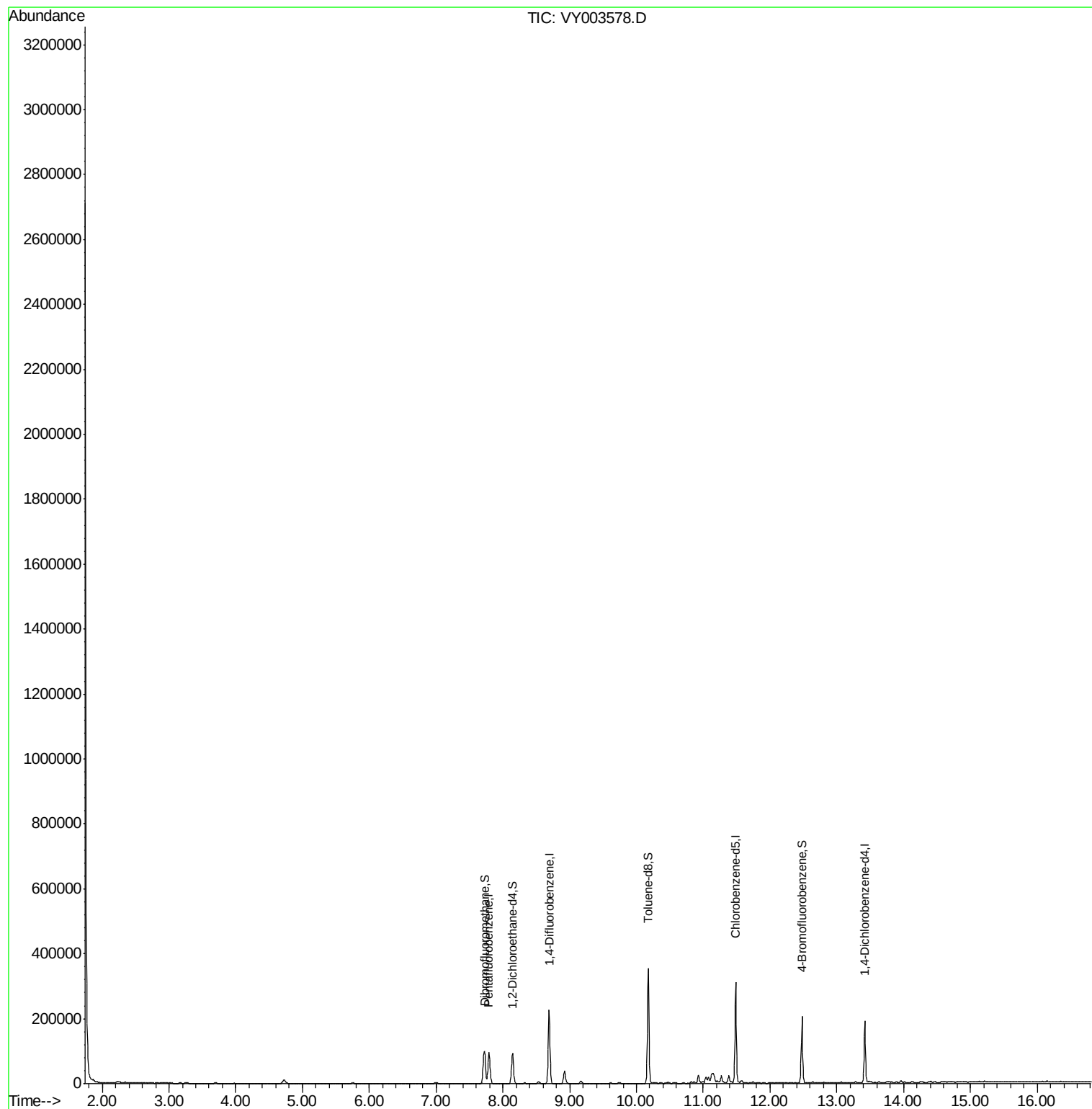
Target Compounds	Qvalue

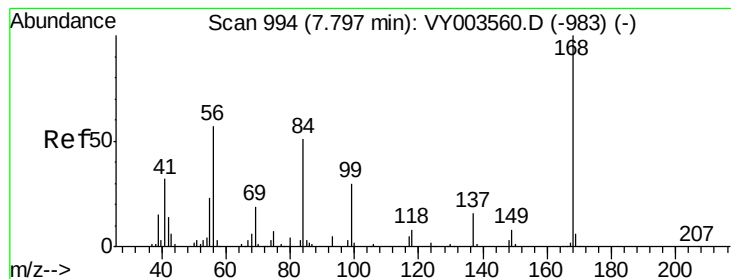
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

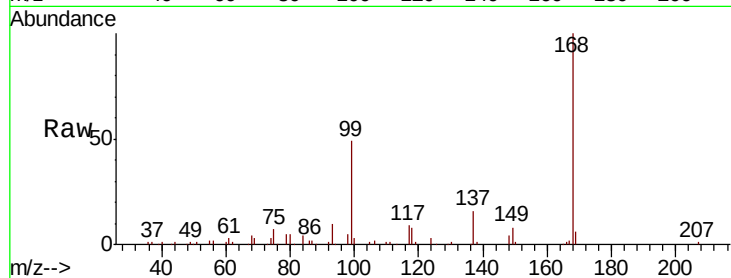
SL-01

Tot Ion:168 Resp: 77624

Ion Ratio Lower Upper

168 100

99 49.3 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

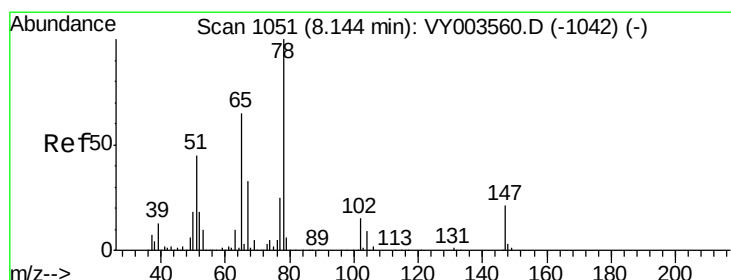
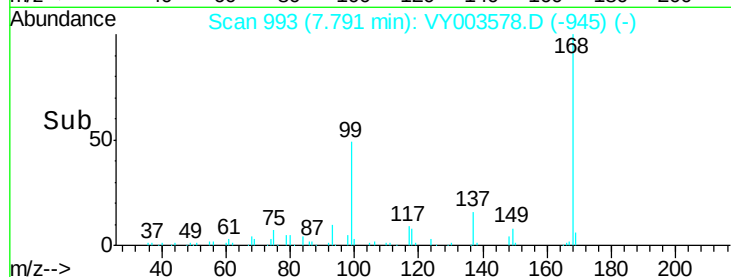
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 87.236 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003578.D

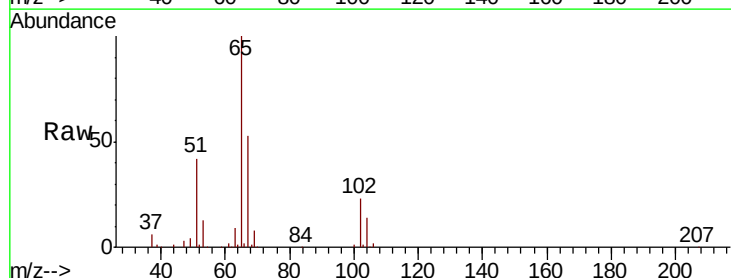
Acq: 20 Nov 2020 19:09

Tgt Ion: 65 Resp: 70311

Ion Ratio Lower Upper

65 100

67 53.4 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

30000

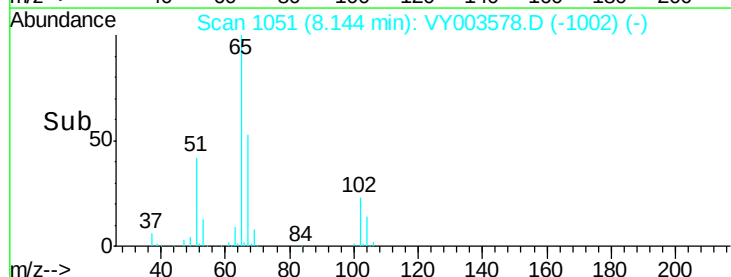
20000

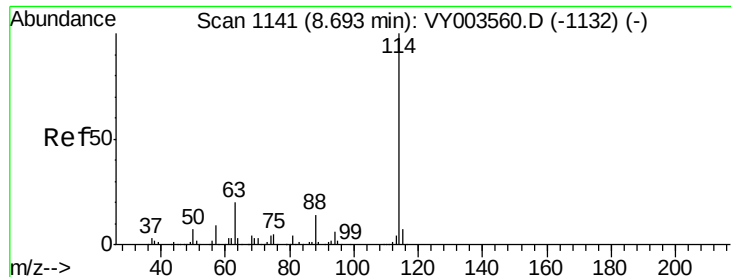
10000

0

8.10 8.20

Time-->

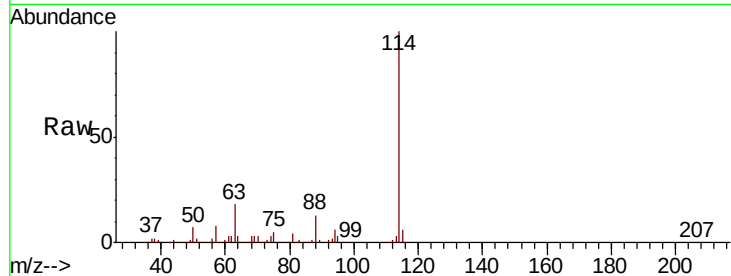




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003578.D
 Acq: 20 Nov 2020 19:09

Instrument :
 MSVOA_Y
 ClientSampled :
 SL-01

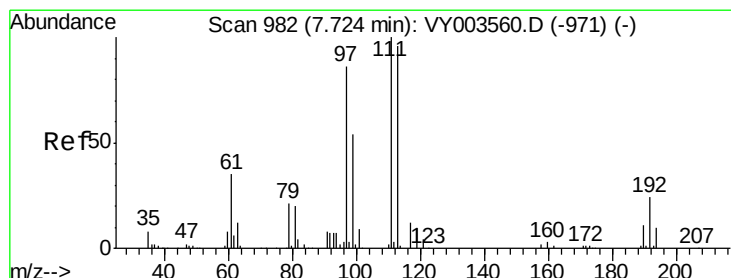
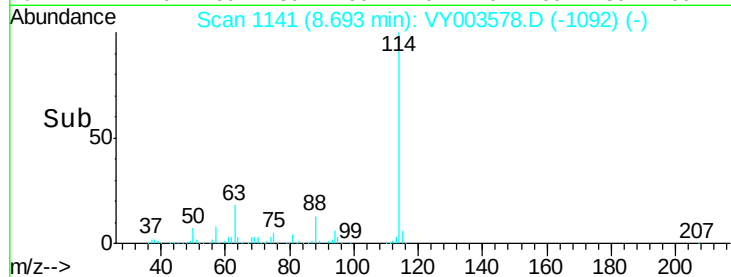
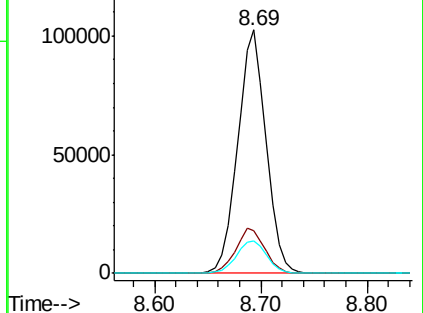
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	39.8
88	13.5	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

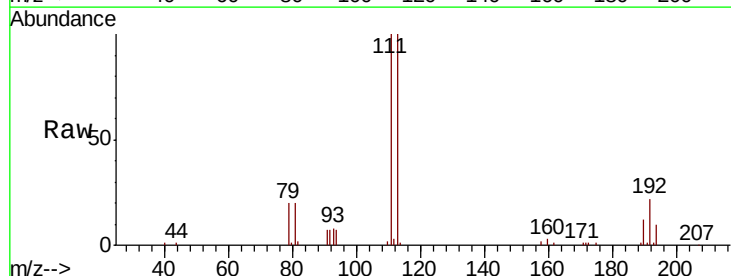
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 56.446 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003578.D
 Acq: 20 Nov 2020 19:09

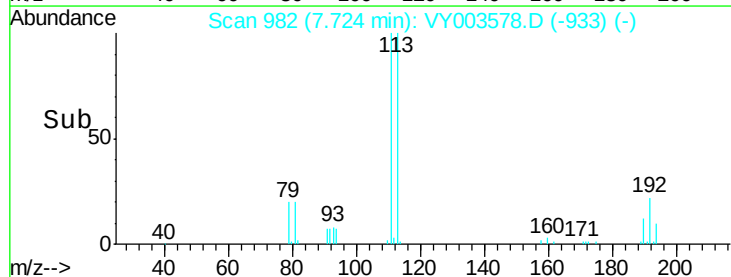
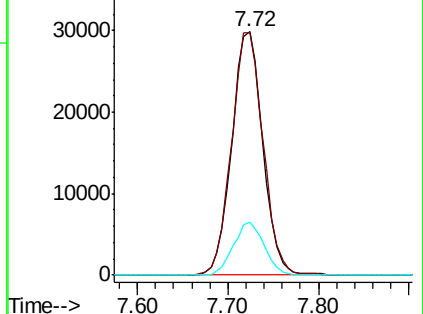
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.0
192	21.6	18.1	27.1

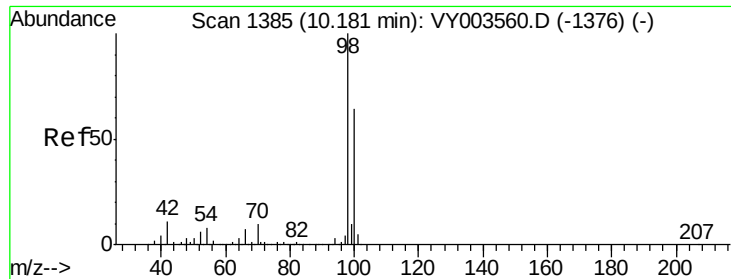


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.498 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Instrument :

MSVOA_Y

ClientSampled :

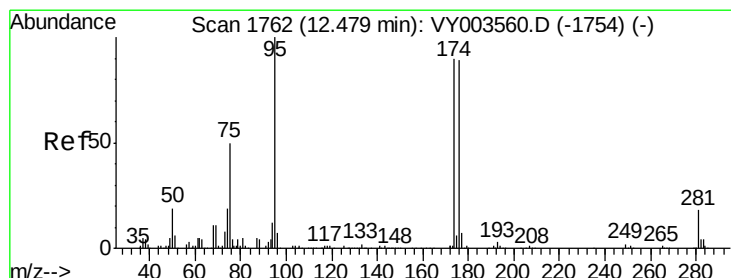
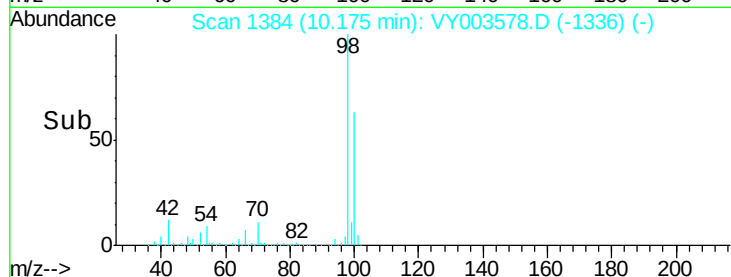
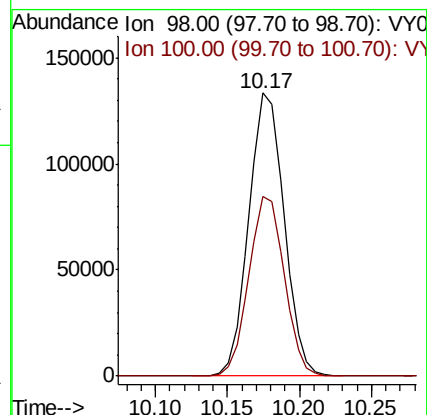
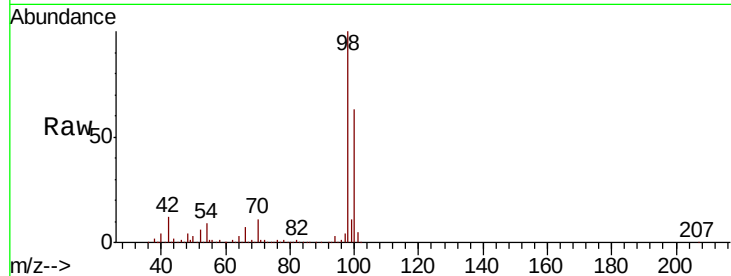
SL-01

Tot Ion: 98 Resp: 227017

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 38.005 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

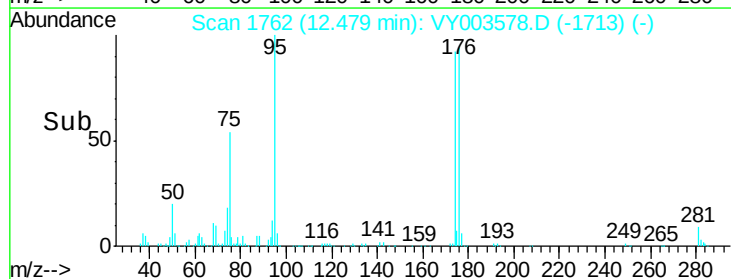
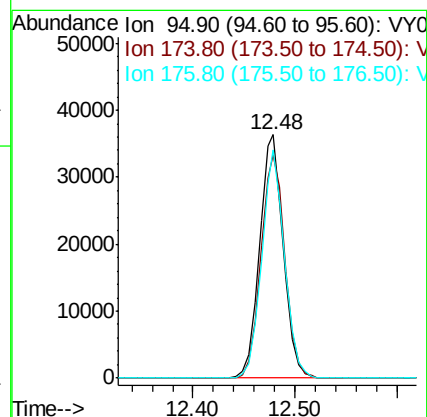
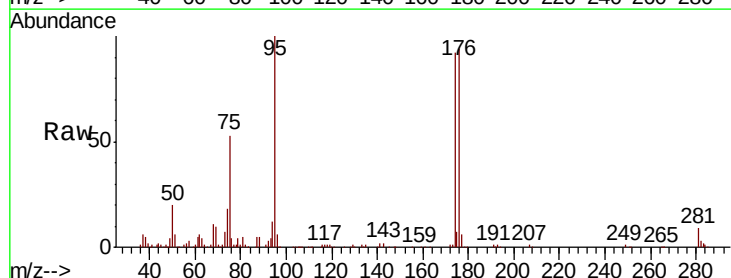
Tgt Ion: 95 Resp: 58886

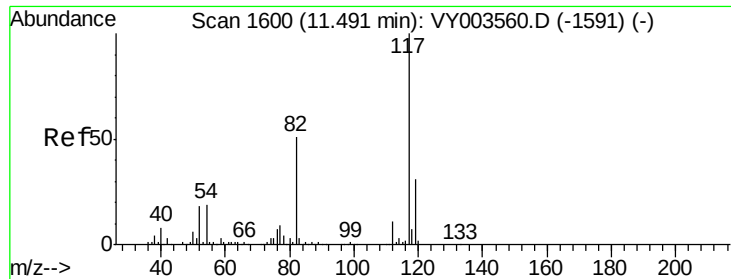
Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.0

176 90.0 0.0 180.4

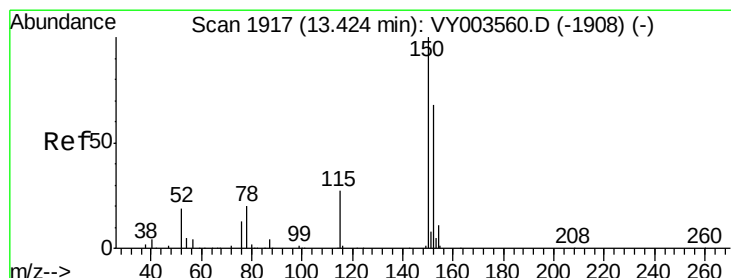
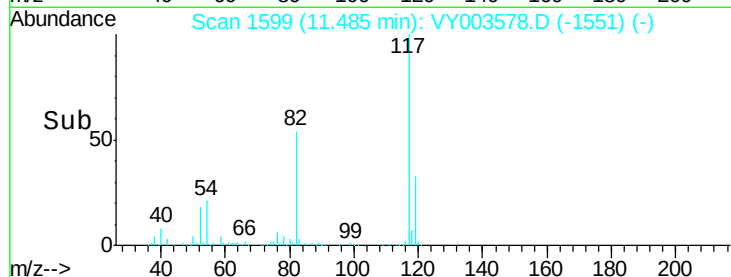
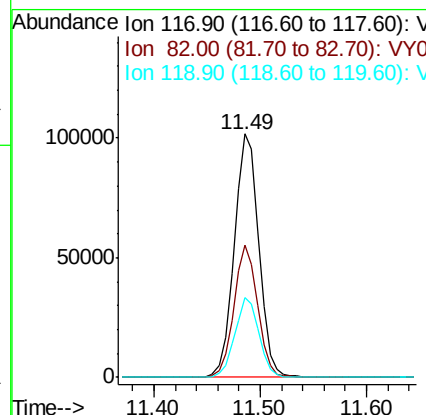
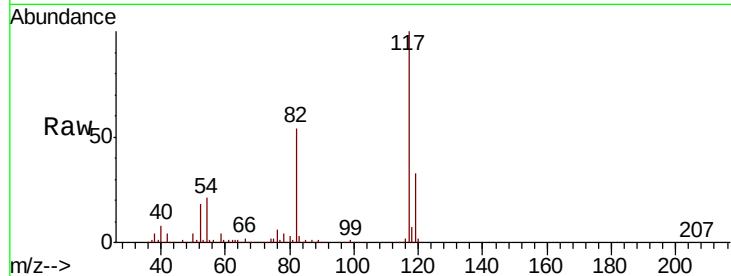




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003578.D
Acq: 20 Nov 2020 19:09

Instrument :
MSVOA_Y
ClientSampled :
SL-01

Tot Ion:117 Resp: 164343
Ion Ratio Lower Upper
117 100
82 54.2 41.0 61.6
119 32.8 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003578.D
Acq: 20 Nov 2020 19:09

Tgt Ion:152 Resp: 49967
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.0
150 159.5 0.0 349.6

