

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003572.D
 Acq On : 20 Nov 2020 16:55
 Operator : SY/MD
 Sample : L4836-04
 Misc : 6.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04

Quant Time: Nov 21 02:36:40 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	7.80	168	95870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	219721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	88541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	75746	76.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.18%
35) Dibromofluoromethane	7.72	113	78202	54.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.30%
50) Toluene-d8	10.18	98	264278	47.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.12%
62) 4-Bromofluorobenzene	12.48	95	80129	44.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.92%

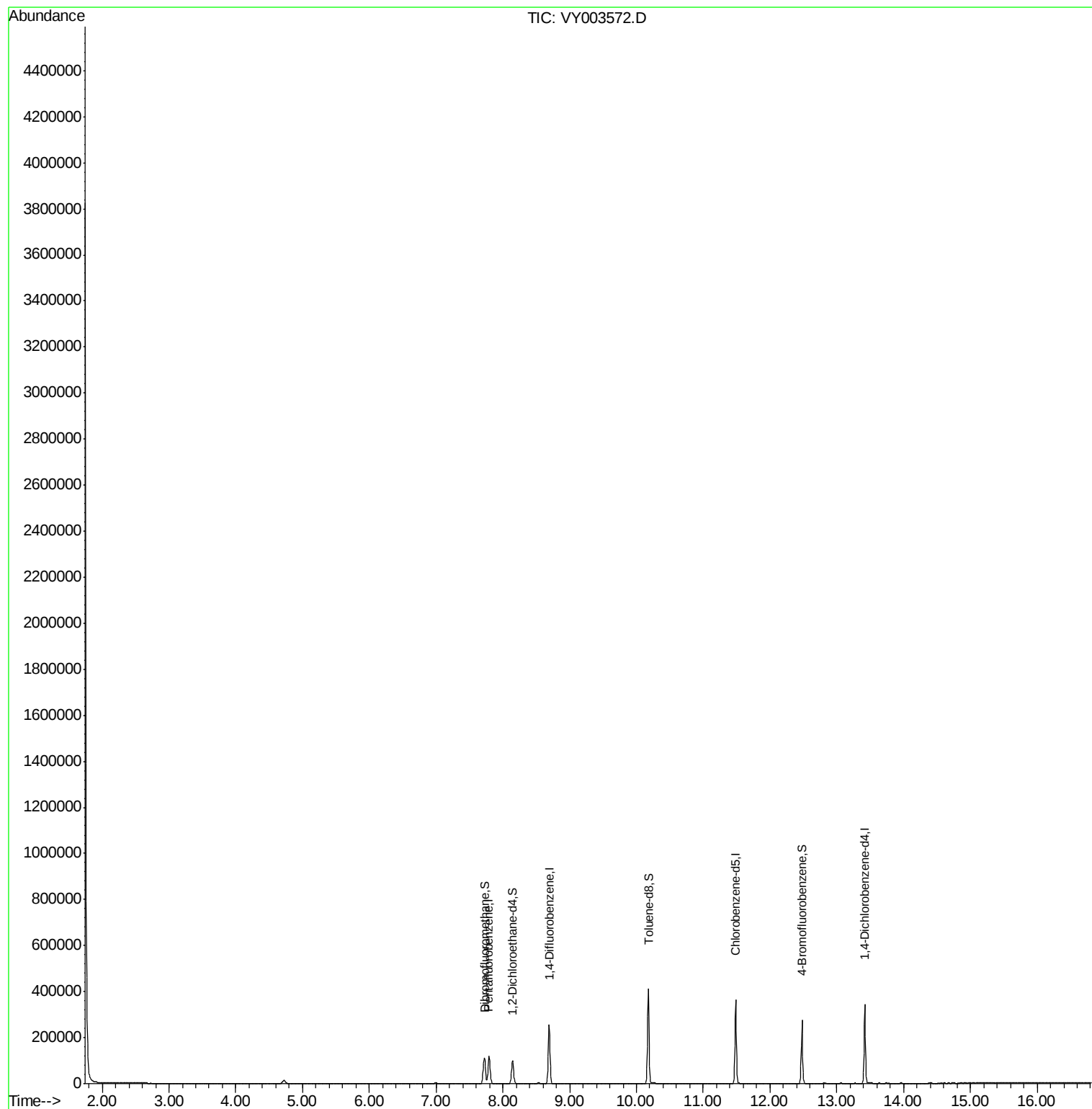
Target Compounds	Qvalue

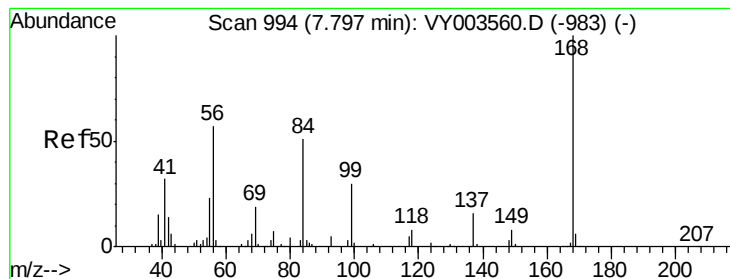
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003572.D

Acq: 20 Nov 2020 16:55

Instrument :

MSVOA_Y

ClientSampleID :

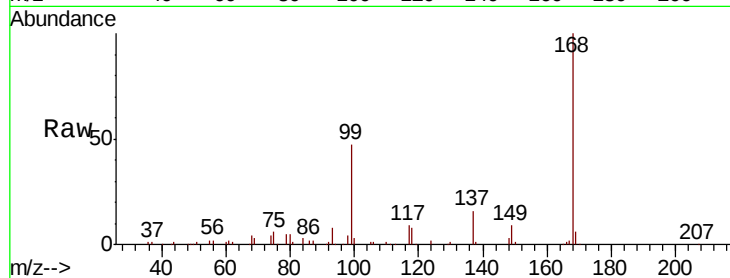
SB-04

Tot Ion:168 Resp: 95870

Ion Ratio Lower Upper

168 100

99 47.0 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) (-)

7.80

40000

30000

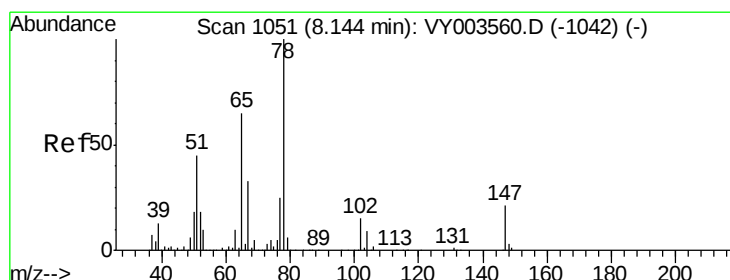
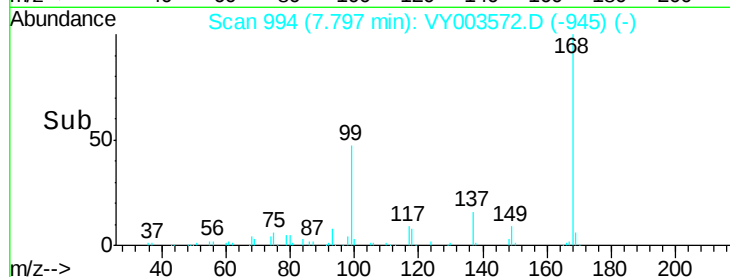
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 76.093 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003572.D

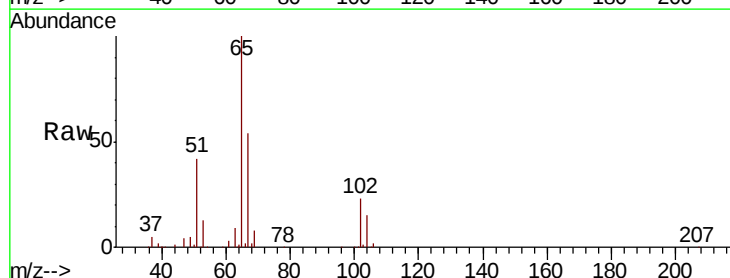
Acq: 20 Nov 2020 16:55

Tgt Ion: 65 Resp: 75746

Ion Ratio Lower Upper

65 100

67 54.5 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

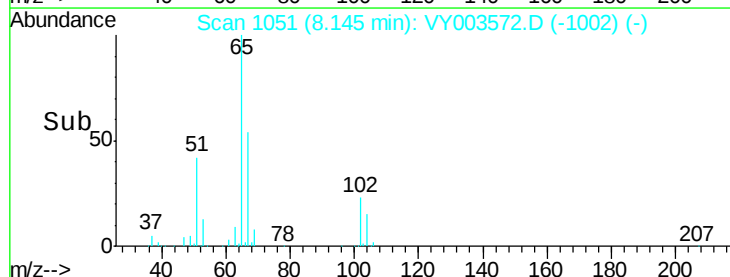
20000

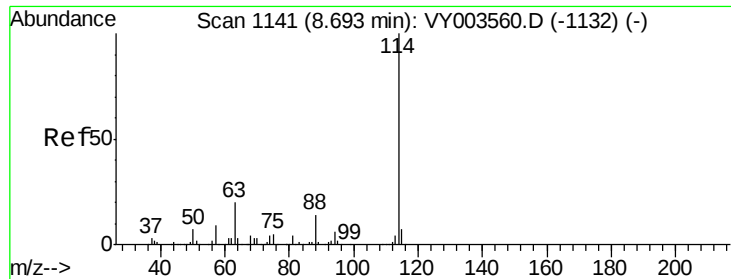
10000

0

8.10 8.20

Time-->

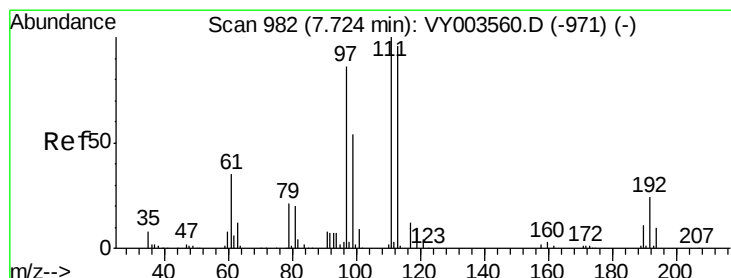
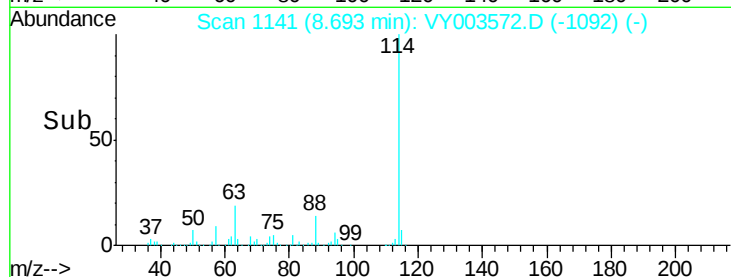
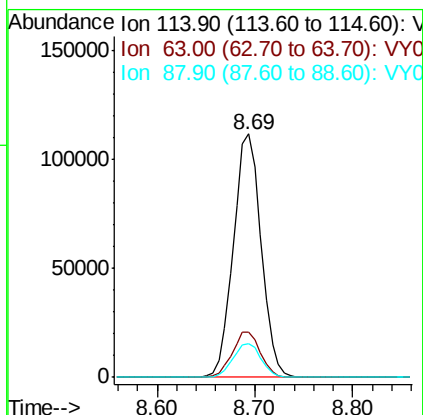
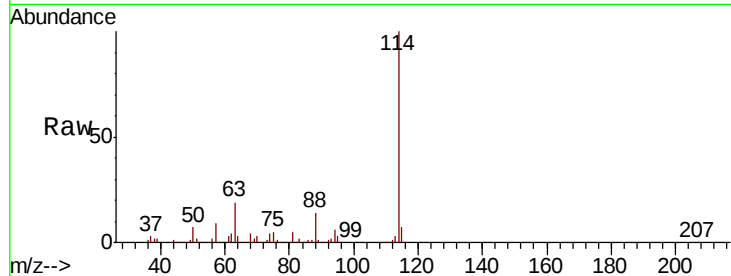




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003572.D
 Acq: 20 Nov 2020 16:55

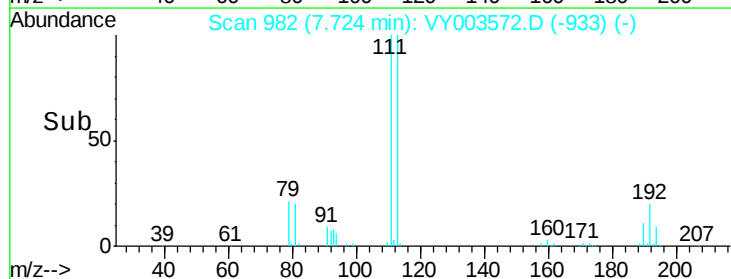
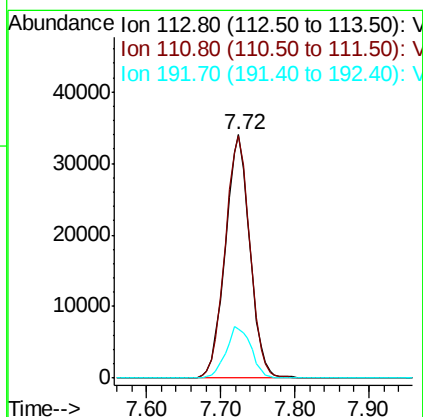
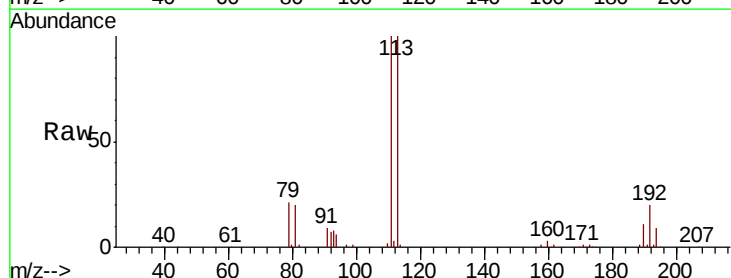
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-04

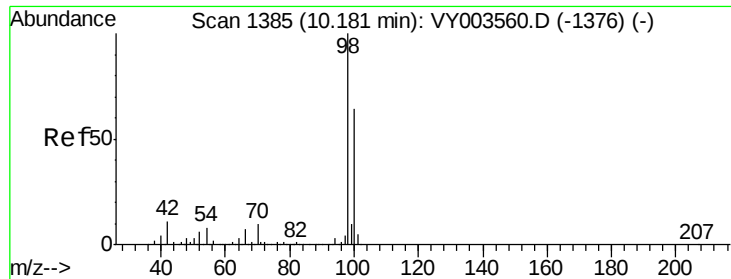
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.8
88	13.6	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 54.145 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003572.D
 Acq: 20 Nov 2020 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.4	122.0
192	21.6	18.1	27.1





#50

Toluene-d8

Concen: 47.056 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003572.D

Acq: 20 Nov 2020 16:55

Instrument :

MSVOA_Y

ClientSampled :

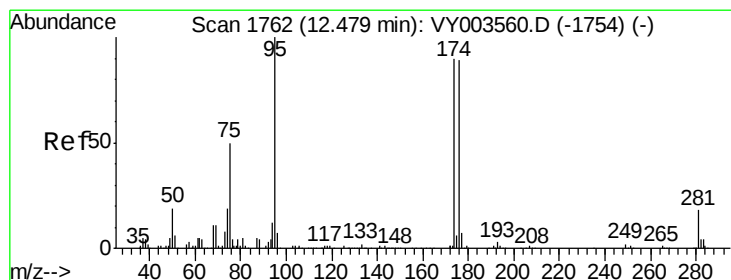
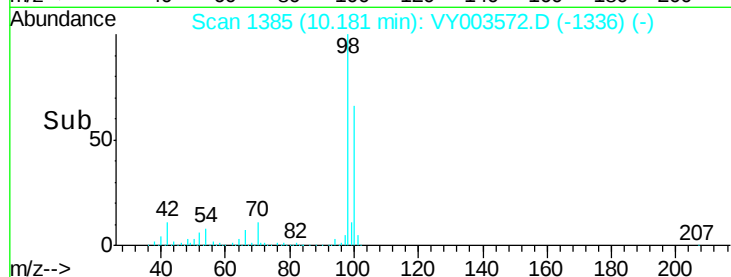
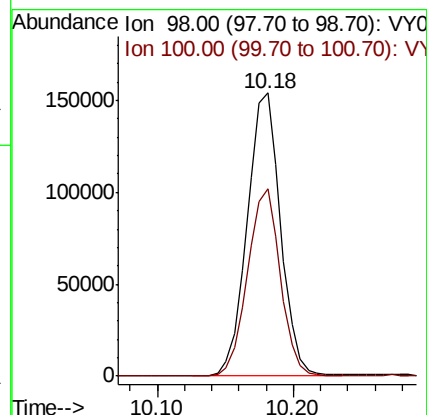
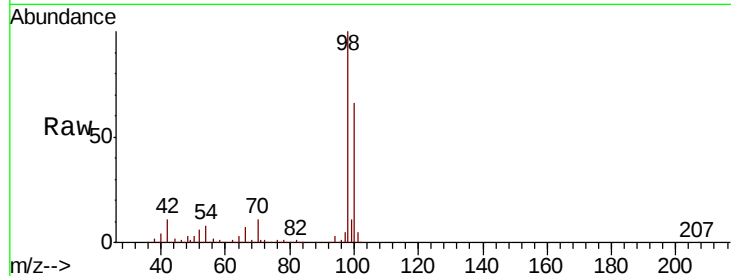
SB-04

Tot Ion: 98 Resp: 264278

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.957 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003572.D

Acq: 20 Nov 2020 16:55

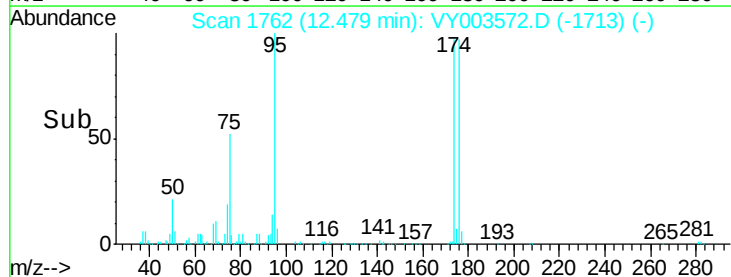
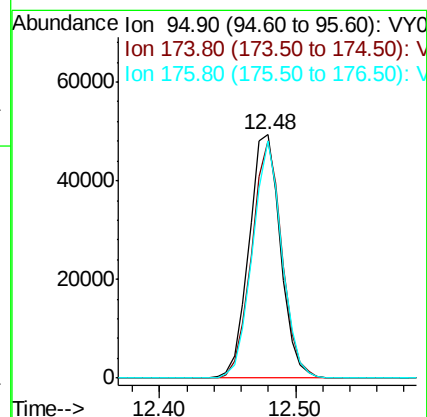
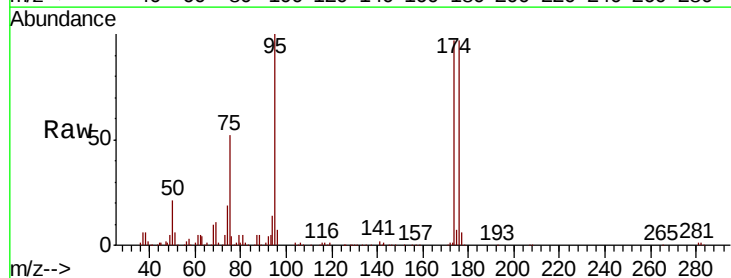
Tgt Ion: 95 Resp: 80129

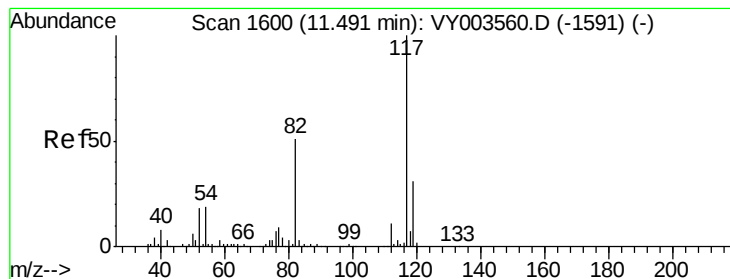
Ion Ratio Lower Upper

95 100

174 93.5 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: VY003572.D

Acq: 20 Nov 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-04

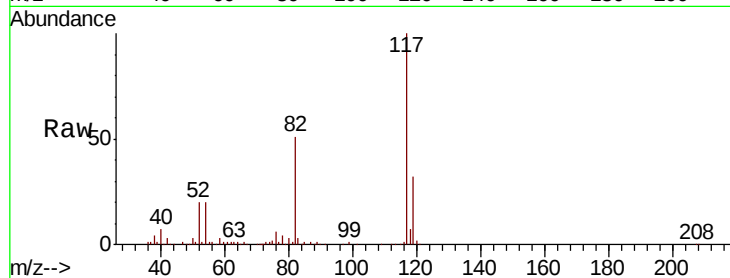
Tot Ion:117 Resp: 202946

Ion Ratio Lower Upper

117 100

82 50.6 41.0 61.6

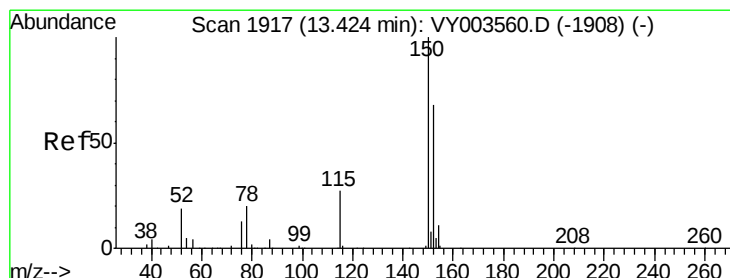
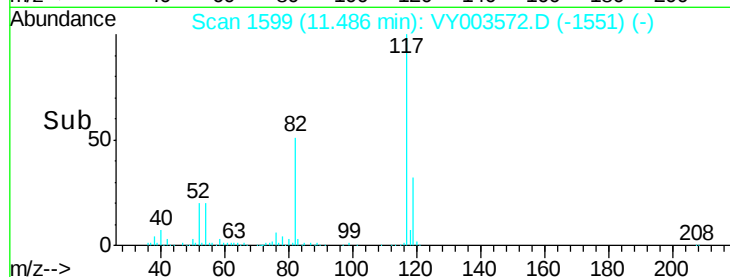
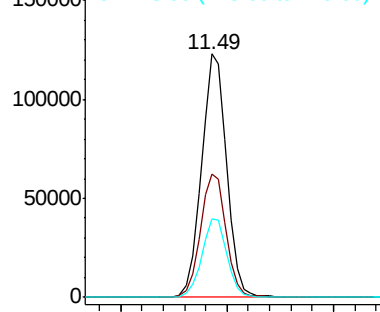
119 32.0 25.0 37.6



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: VY003572.D

Acq: 20 Nov 2020 16:55

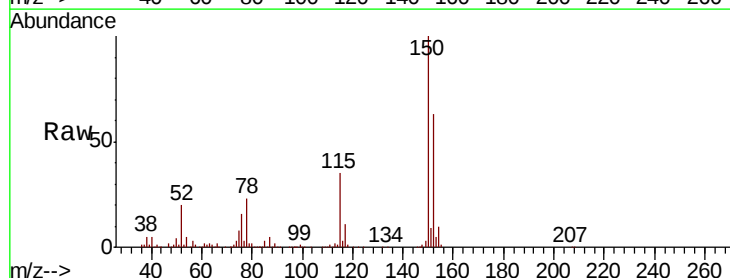
Tgt Ion:152 Resp: 88541

Ion Ratio Lower Upper

152 100

115 53.7 27.4 82.0

150 156.7 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

