

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013424.D
 Acq On : 25 Apr 2023 03:27
 Operator : KP/MD
 Sample : 02389-14
 Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-4WC-23-04-17

Quant Time: Apr 25 07:15:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	186374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124947	61.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.320%
35) Dibromofluoromethane	7.716	113	108050	55.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.179	98	373635	53.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.400%
62) 4-Bromofluorobenzene	12.477	95	113504	48.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.780%

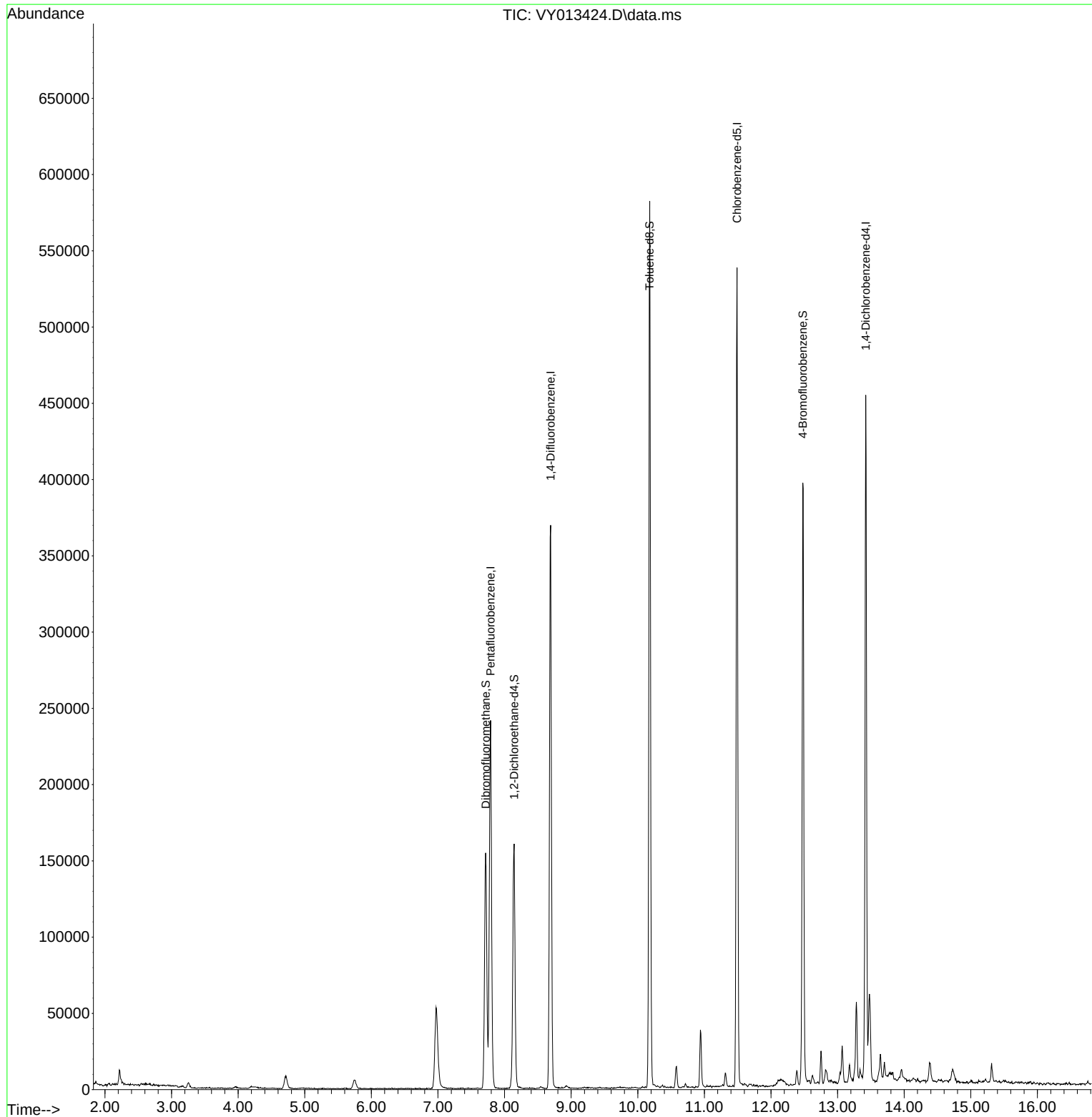
Target Compounds	Qvalue

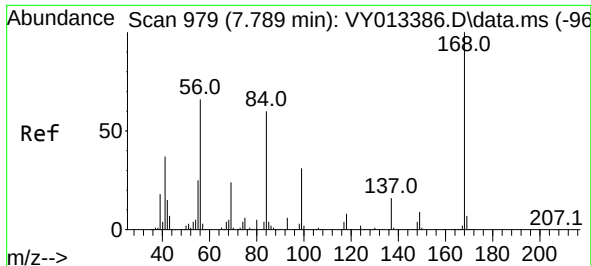
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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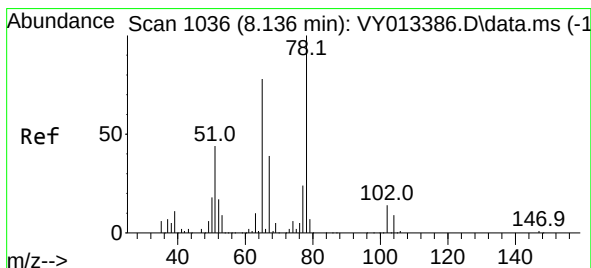
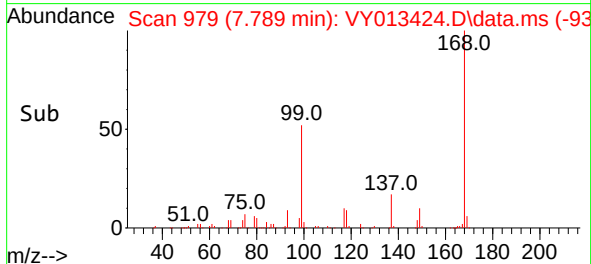
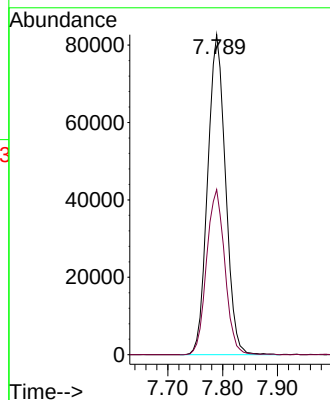
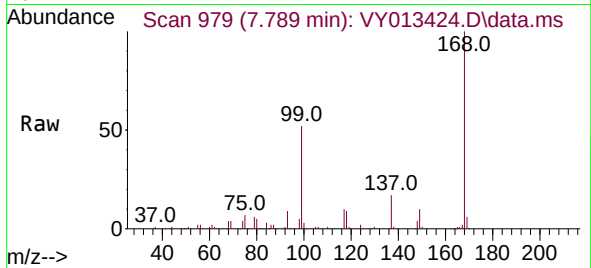




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013424.D
Acq: 25 Apr 2023 03:27

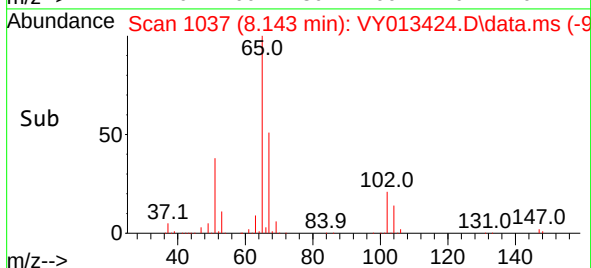
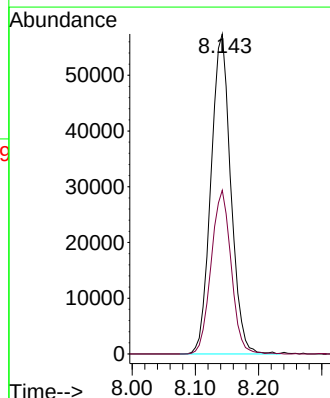
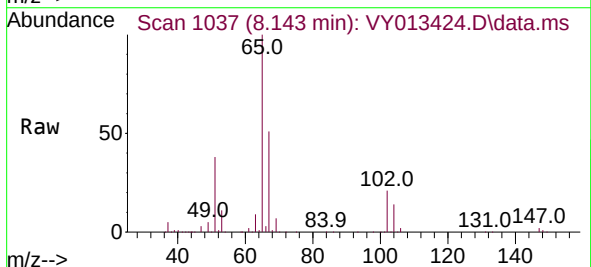
Instrument :
MSVOA_Y
ClientSampleId :
SPB-4WC-23-04-17

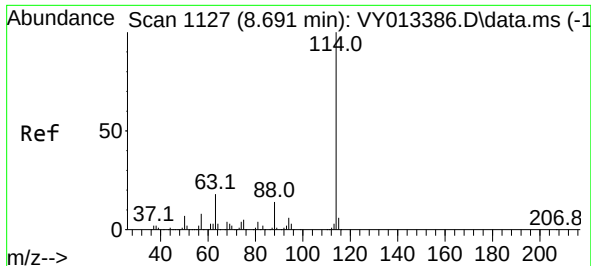
Tgt Ion:168 Resp: 186374
Ion Ratio Lower Upper
168 100
99 51.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 61.156 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013424.D
Acq: 25 Apr 2023 03:27

Tgt Ion: 65 Resp: 124947
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

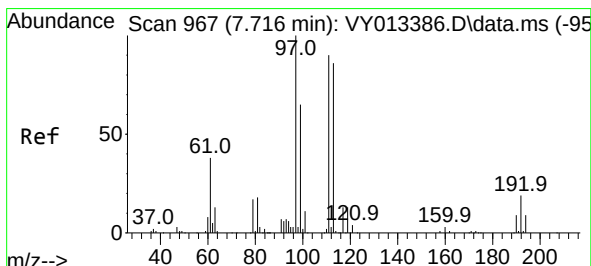
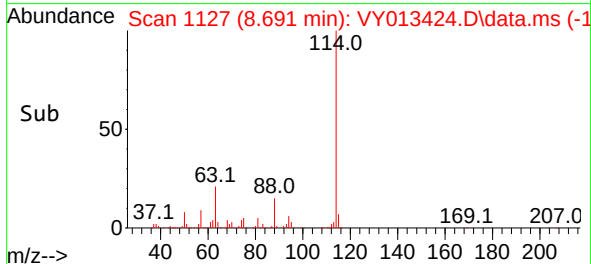
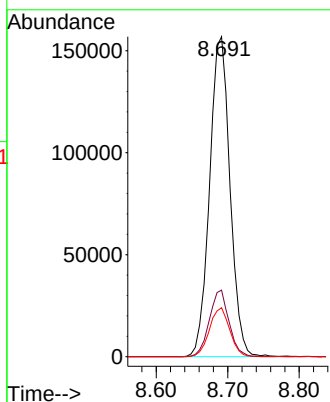
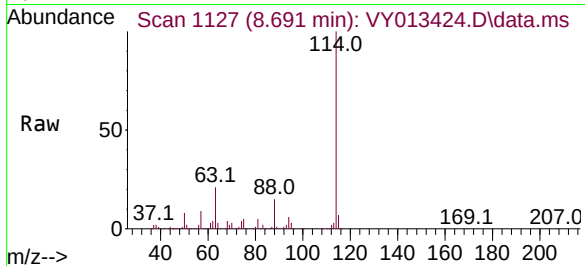




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013424.D
Acq: 25 Apr 2023 03:27

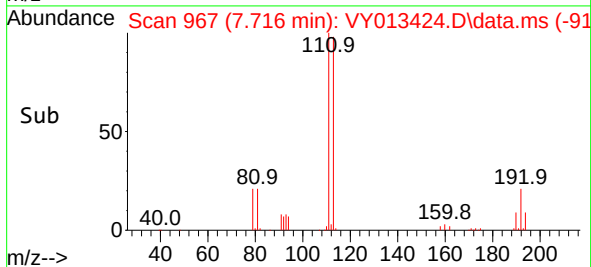
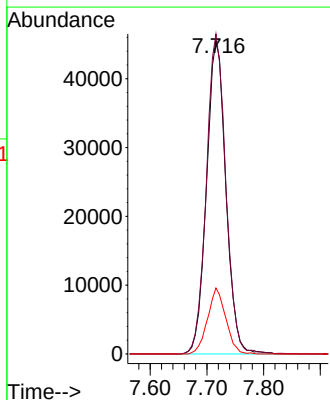
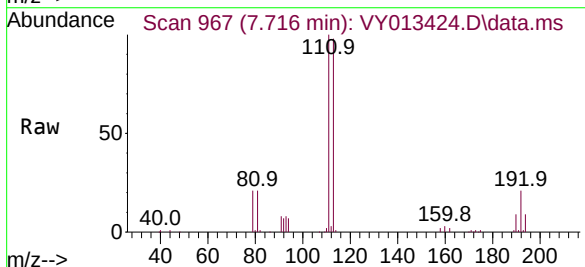
Instrument :
MSVOA_Y
ClientSampleId :
SPB-4WC-23-04-17

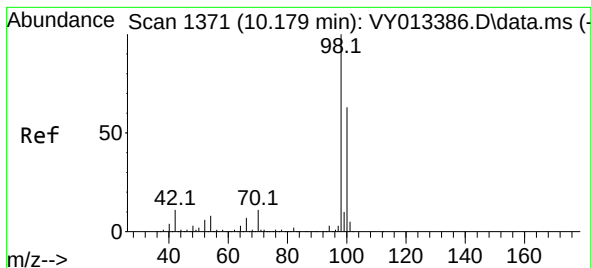
Tgt Ion:	114	Resp:	310976
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	36.6
88	15.3	0.0	28.8



#35
Dibromofluoromethane
Concen: 55.243 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013424.D
Acq: 25 Apr 2023 03:27

Tgt Ion:	113	Resp:	108050
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.2
192	19.8	16.7	25.1





#50

Toluene-d8

Concen: 53.699 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013424.D

Acq: 25 Apr 2023 03:27

Instrument :

MSVOA_Y

ClientSampleId :

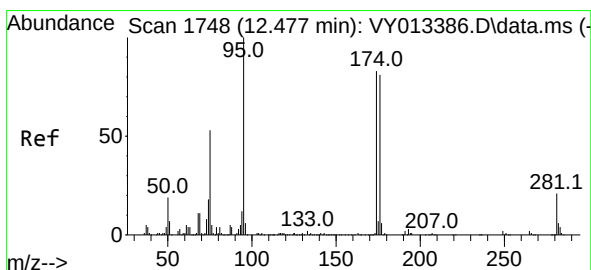
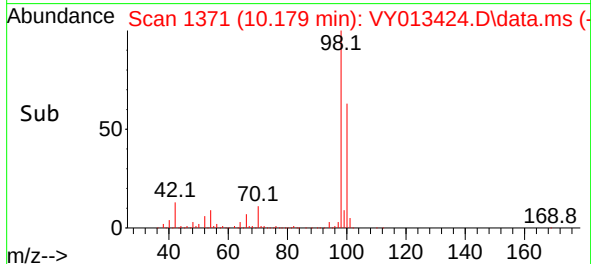
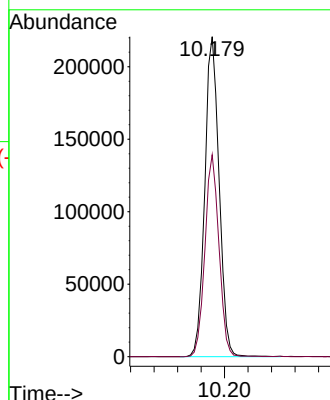
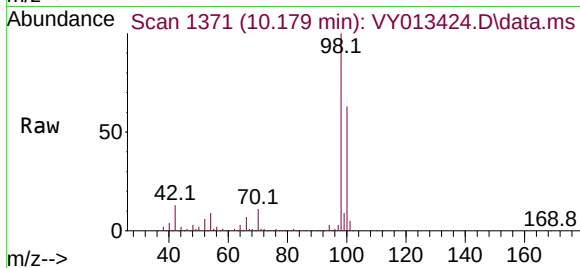
SPB-4WC-23-04-17

Tgt Ion: 98 Resp: 373635

Ion Ratio Lower Upper

98 100

100 61.9 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 48.388 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013424.D

Acq: 25 Apr 2023 03:27

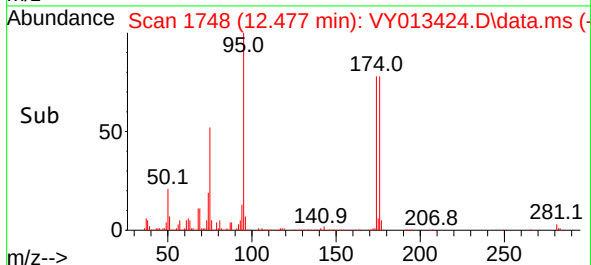
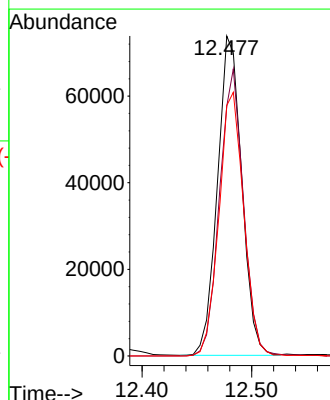
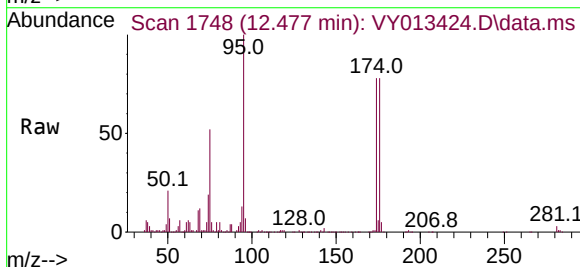
Tgt Ion: 95 Resp: 113504

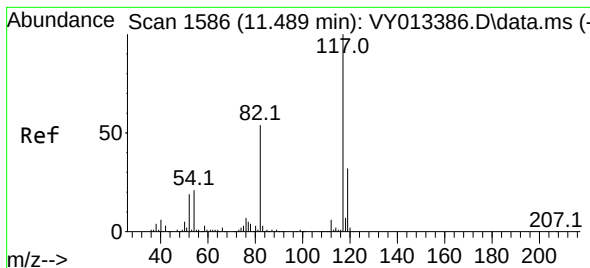
Ion Ratio Lower Upper

95 100

174 88.5 0.0 182.0

176 84.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013424.D

Acq: 25 Apr 2023 03:27

Instrument :

MSVOA_Y

ClientSampleId :

SPB-4WC-23-04-17

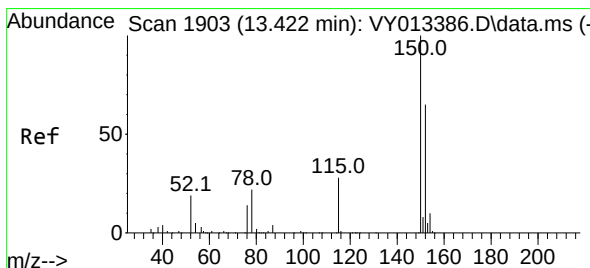
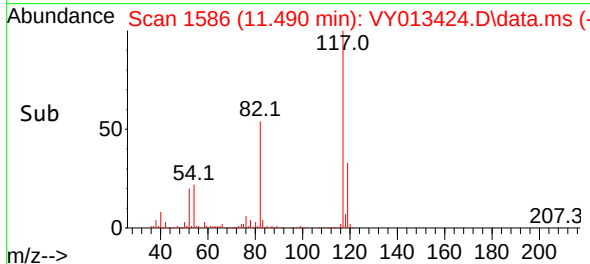
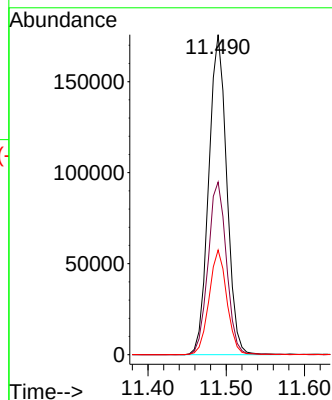
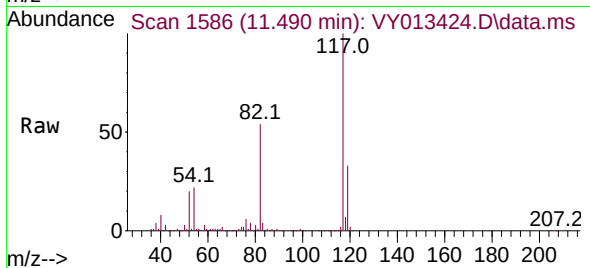
Tgt Ion:117 Resp: 280596

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.6

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013424.D

Acq: 25 Apr 2023 03:27

Tgt Ion:152 Resp: 112194

Ion Ratio Lower Upper

152 100

115 57.4 28.1 84.2

150 158.5 0.0 352.0

