

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014458.D
 Acq On : 27 Jun 2023 15:12
 Operator : KP/MD
 Sample : 03375-01
 Misc : 2.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(0-2)

Quant Time: Jun 28 01:56:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	157247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	226516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106991	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98746	50.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.160%
35) Dibromofluoromethane	7.722	113	76510	52.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.360%
50) Toluene-d8	10.179	98	279766	48.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.483	95	89330	43.339	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.680%

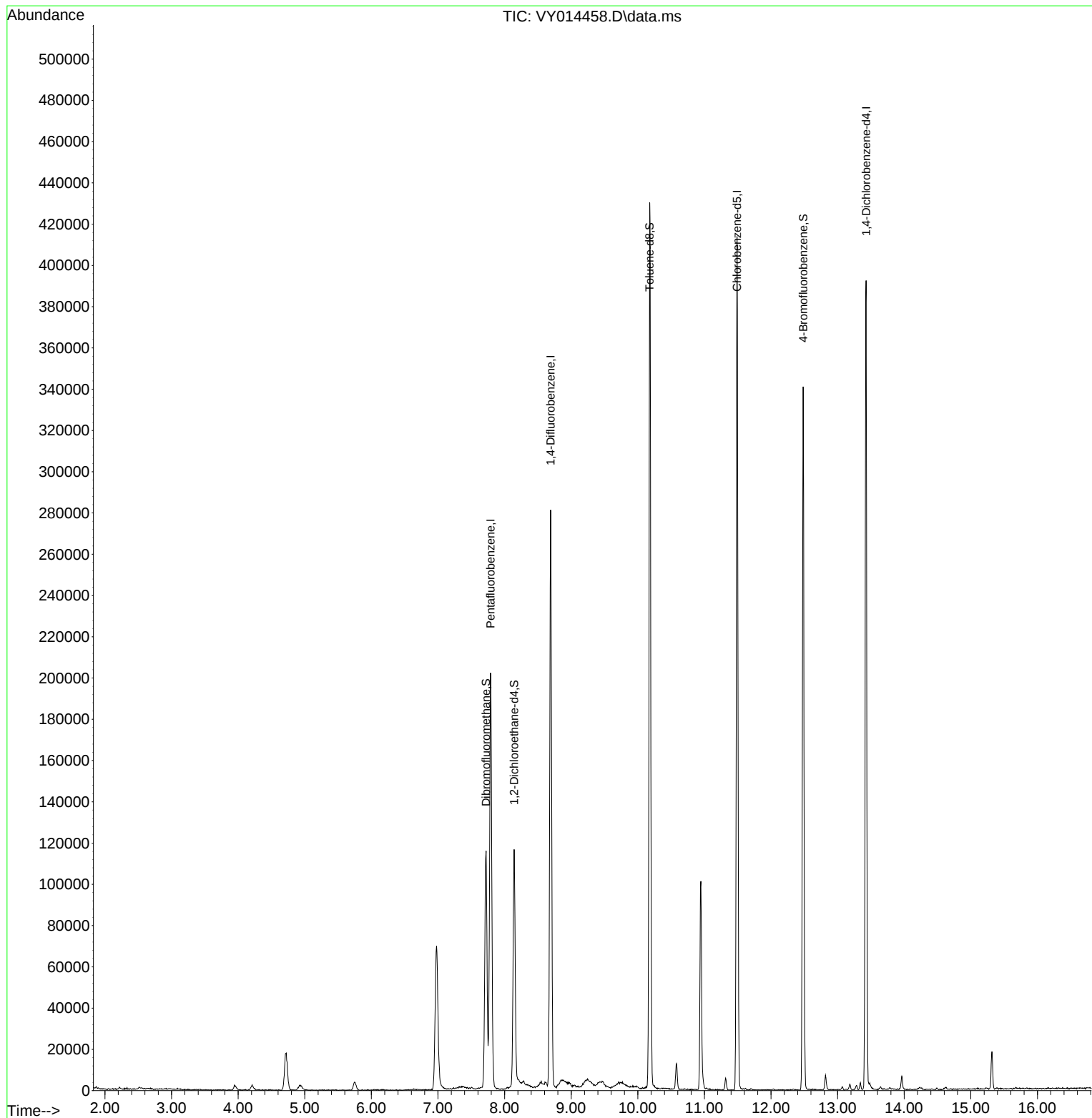
Target Compounds	Qvalue

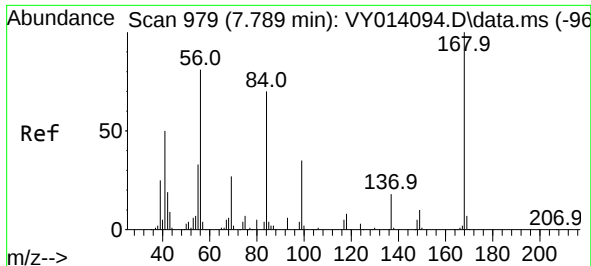
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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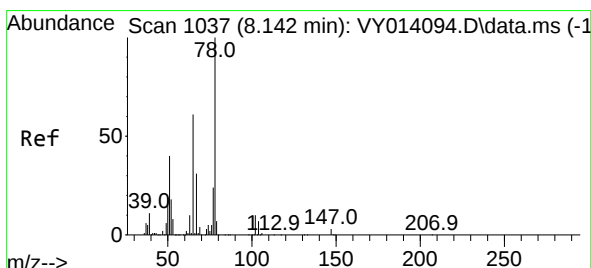
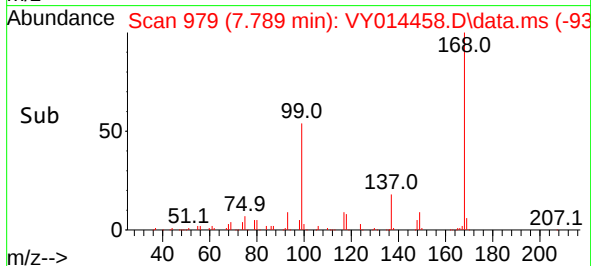
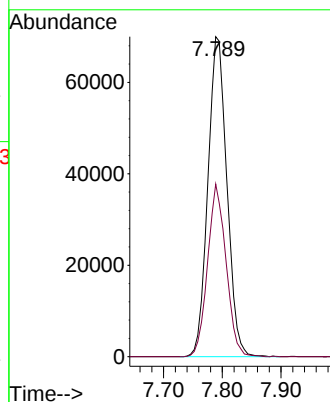
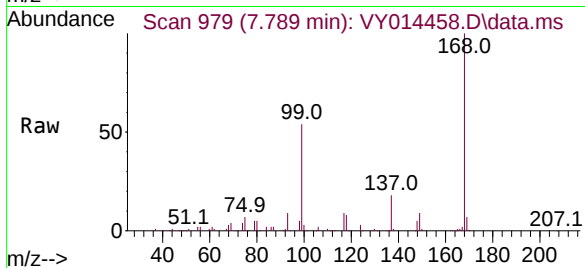




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014458.D
Acq: 27 Jun 2023 15:12

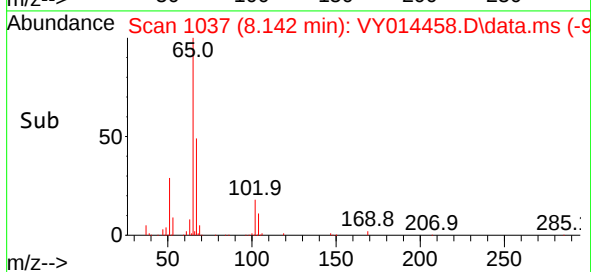
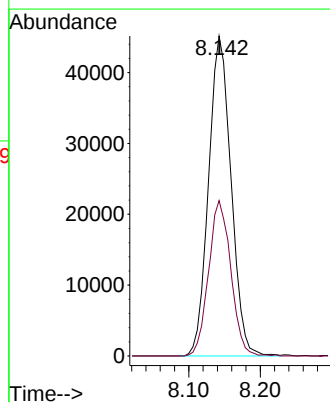
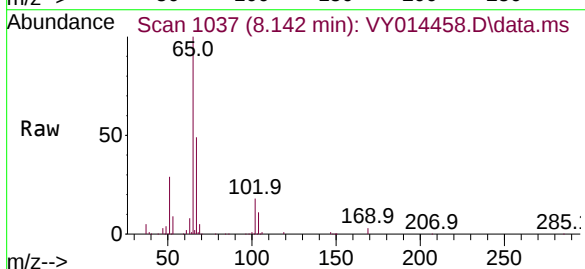
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(0-2)

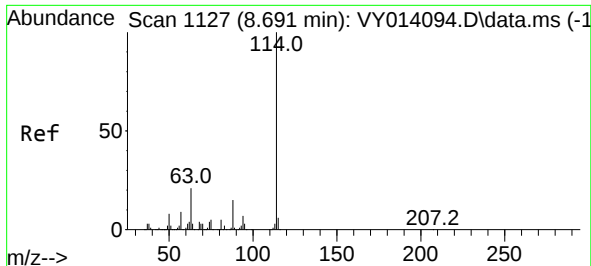
Tgt Ion:168 Resp: 157247
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.578 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014458.D
Acq: 27 Jun 2023 15:12

Tgt Ion: 65 Resp: 98746
Ion Ratio Lower Upper
65 100
67 48.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014458.D

Acq: 27 Jun 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-5(0-2)

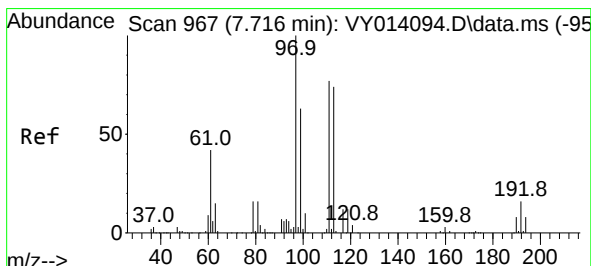
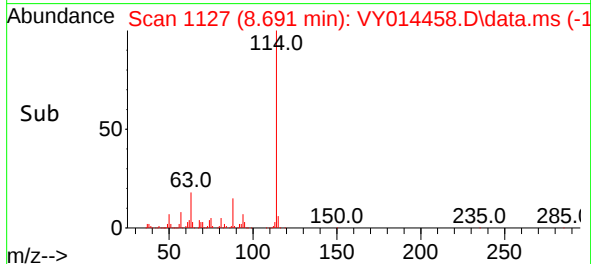
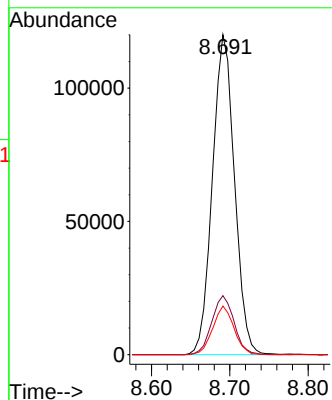
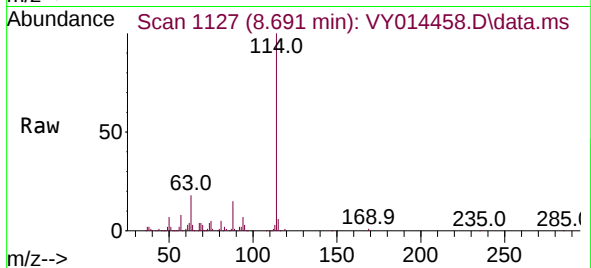
Tgt Ion:114 Resp: 235086

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.678 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014458.D

Acq: 27 Jun 2023 15:12

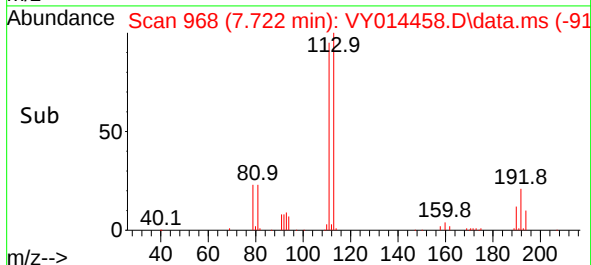
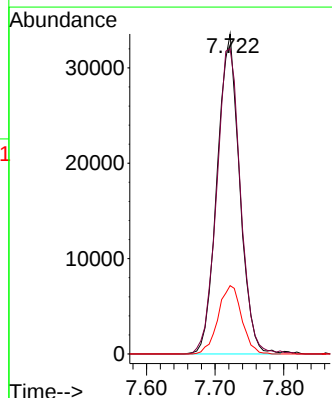
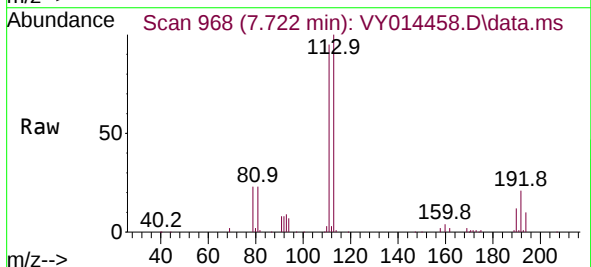
Tgt Ion:113 Resp: 76510

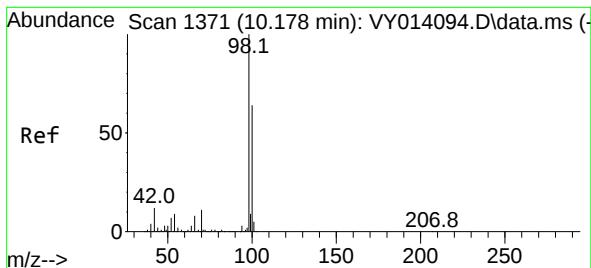
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 22.3 16.9 25.3





#50

Toluene-d8

Concen: 48.457 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014458.D

Acq: 27 Jun 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

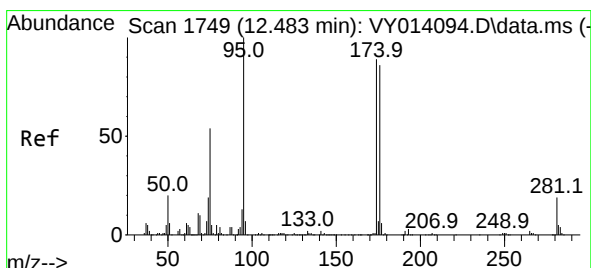
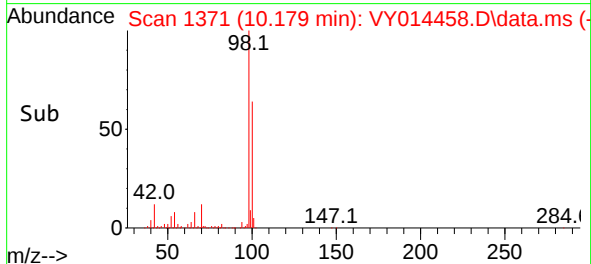
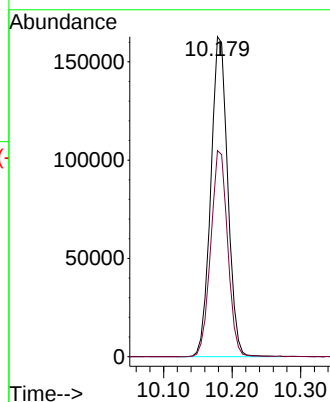
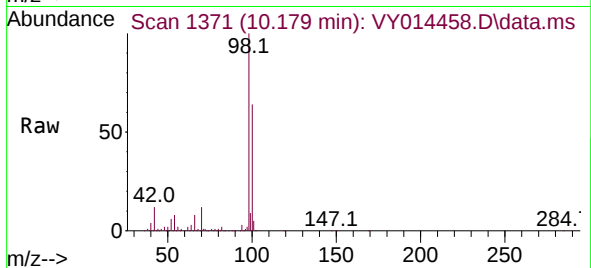
SB-5(0-2)

Tgt Ion: 98 Resp: 279766

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 43.339 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014458.D

Acq: 27 Jun 2023 15:12

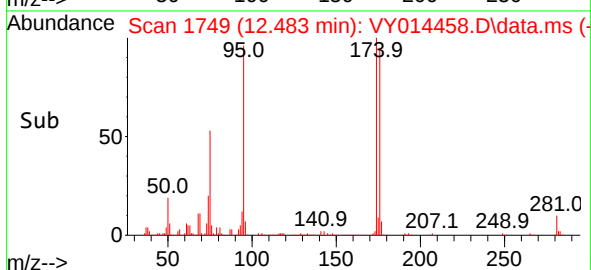
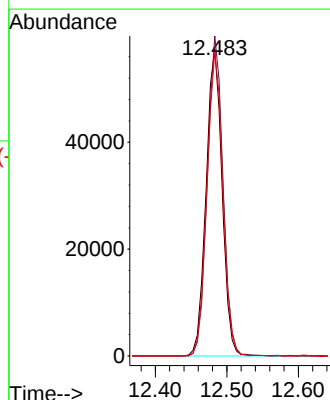
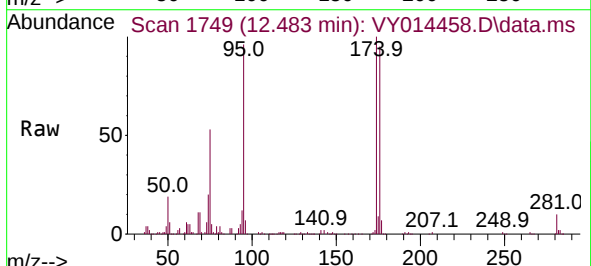
Tgt Ion: 95 Resp: 89330

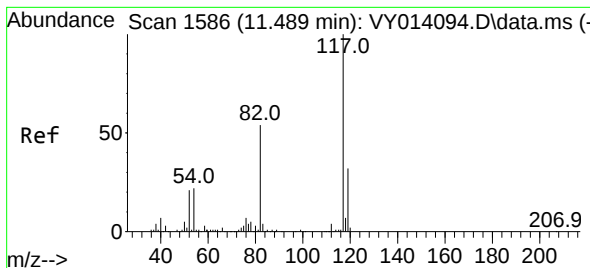
Ion Ratio Lower Upper

95 100

174 102.5 0.0 178.2

176 97.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014458.D

Acq: 27 Jun 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-5(0-2)

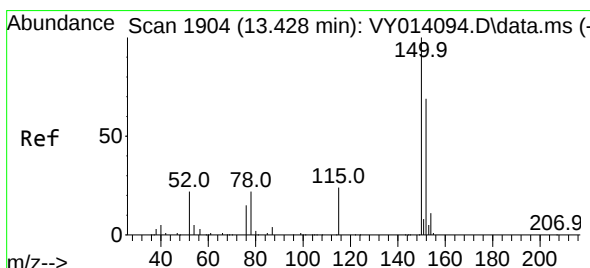
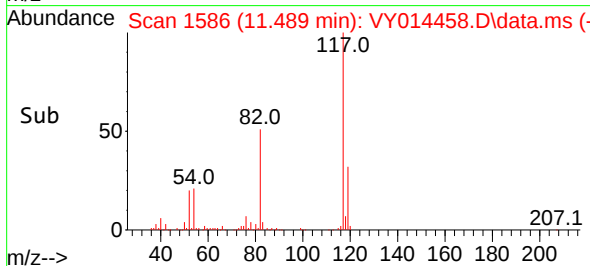
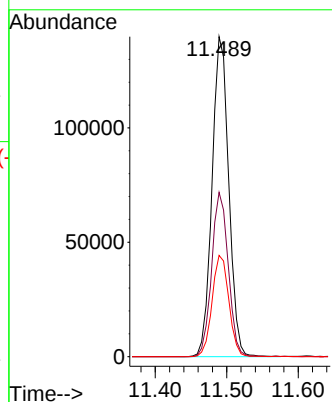
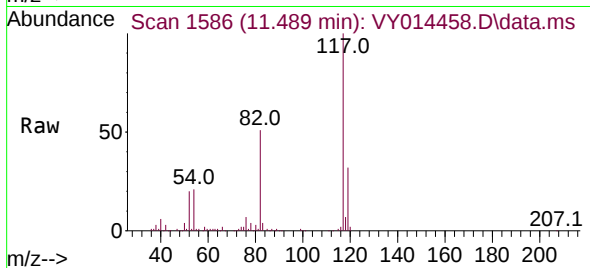
Tgt Ion:117 Resp: 226516

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 31.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014458.D

Acq: 27 Jun 2023 15:12

Tgt Ion:152 Resp: 106991

Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 156.6 0.0 348.8

