

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014265.D
 Acq On : 20 Jun 2023 06:59
 Operator : KP/MD
 Sample : 03289-22
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-0-2.0

Quant Time: Jun 20 11:24:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	174667	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	274959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119994	49.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.728	113	95653	49.054	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.185	98	332982	45.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.483	95	102627	39.630	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.260%

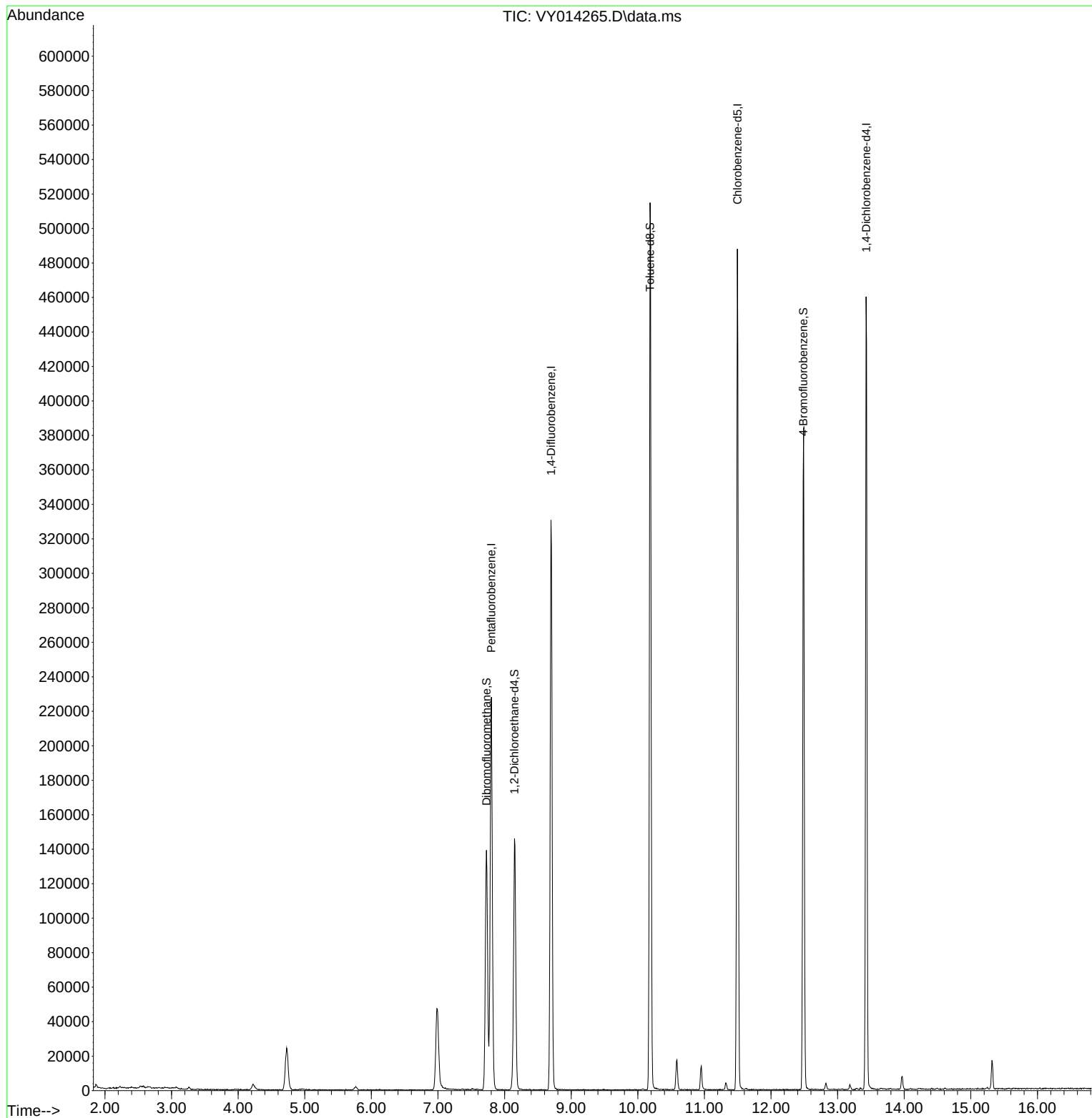
Target Compounds	Qvalue

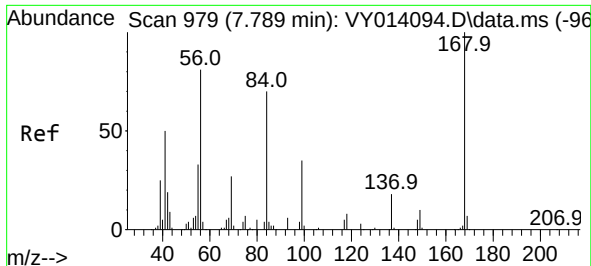
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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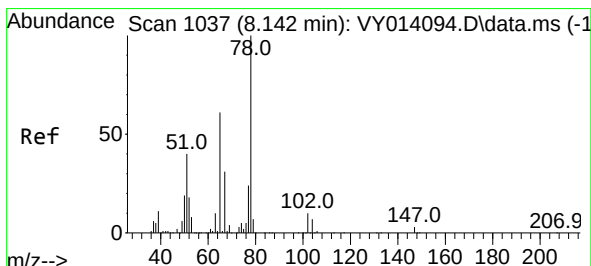
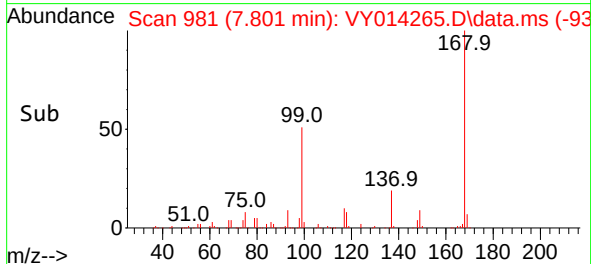
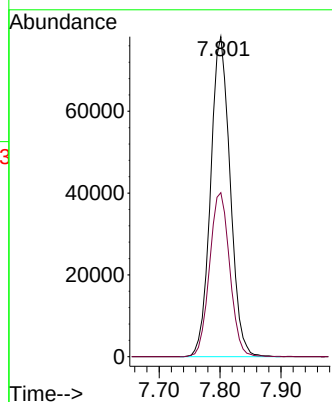
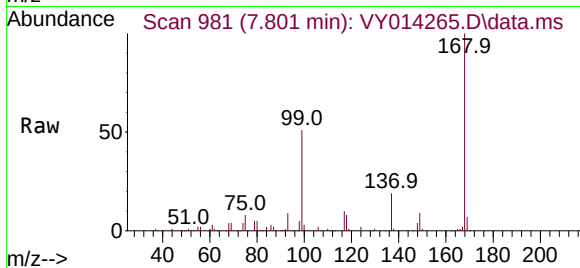




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014265.D
Acq: 20 Jun 2023 06:59

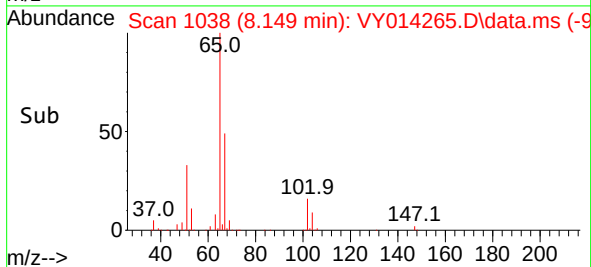
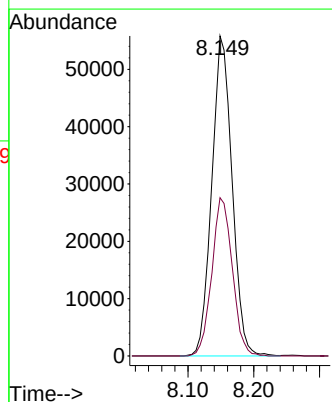
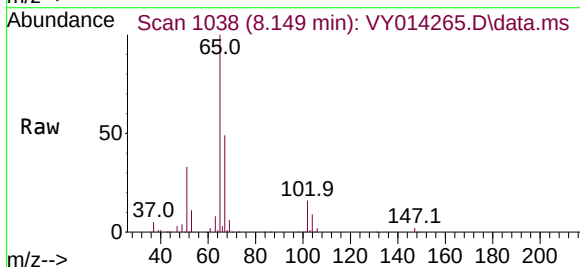
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-0-2.0

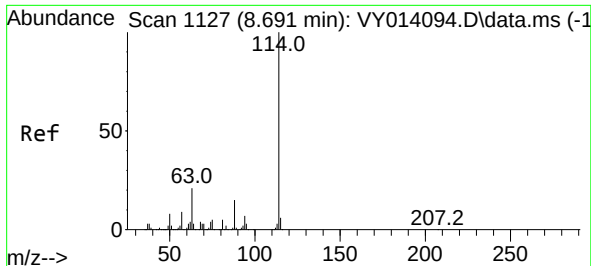
Tgt Ion:168 Resp: 174667
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.334 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014265.D
Acq: 20 Jun 2023 06:59

Tgt Ion: 65 Resp: 119994
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

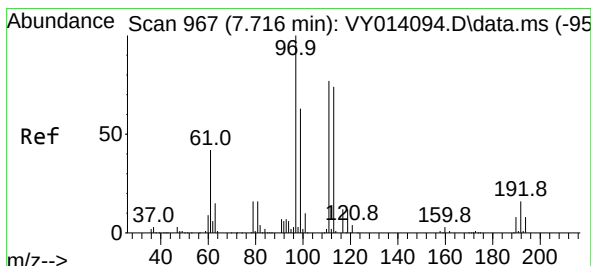
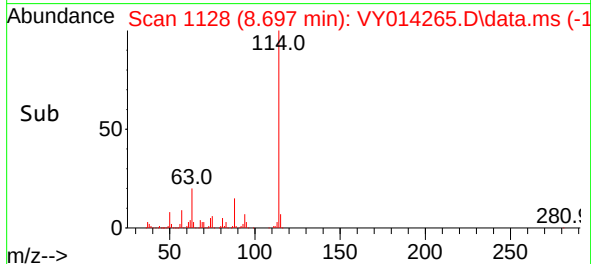
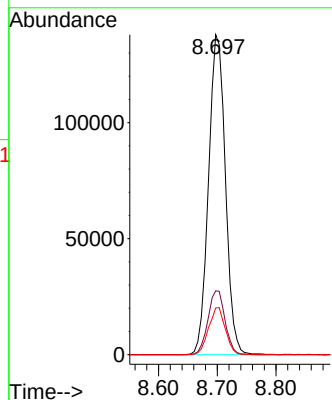
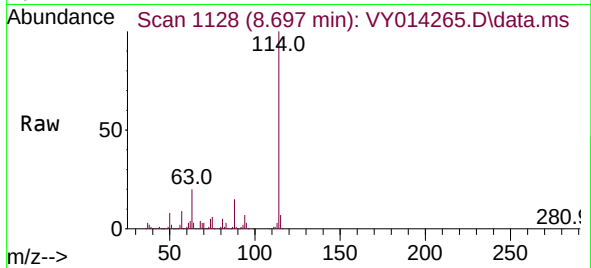




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014265.D
Acq: 20 Jun 2023 06:59

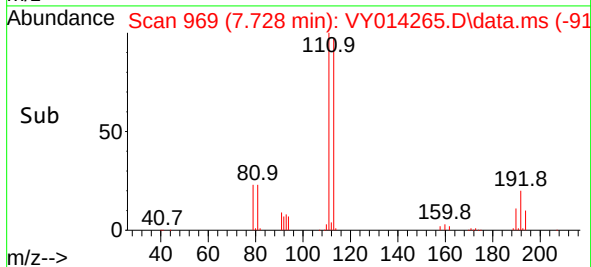
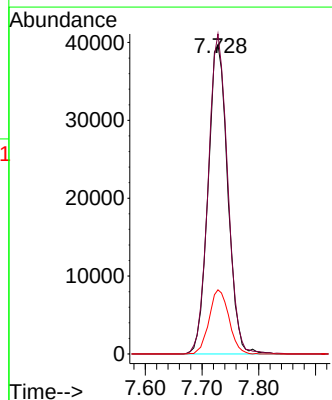
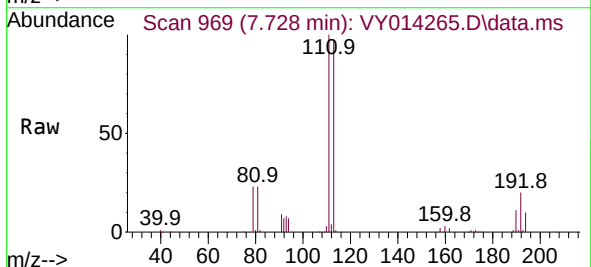
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-0-2.0

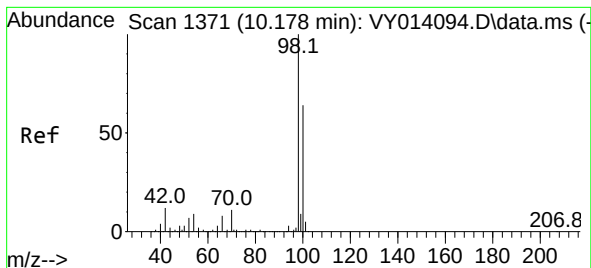
Tgt Ion:114 Resp: 274959
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.054 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014265.D
Acq: 20 Jun 2023 06:59

Tgt Ion:113 Resp: 95653
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.9 16.9 25.3





#50

Toluene-d8

Concen: 45.676 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014265.D

Acq: 20 Jun 2023 06:59

Instrument :

MSVOA_Y

ClientSampleId :

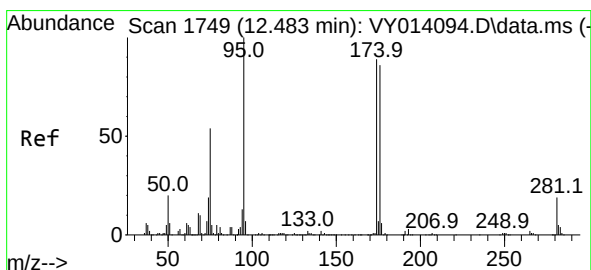
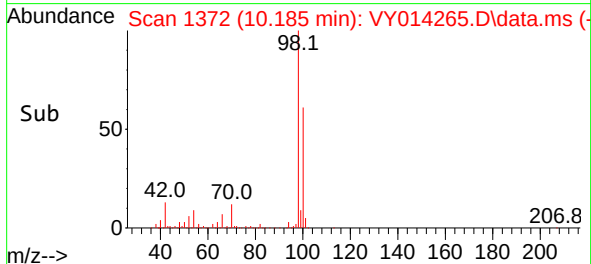
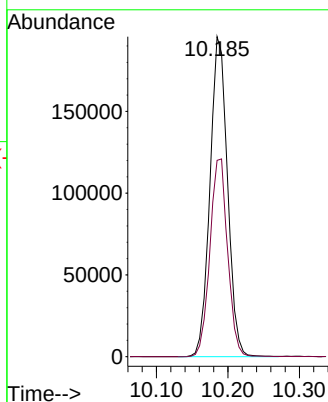
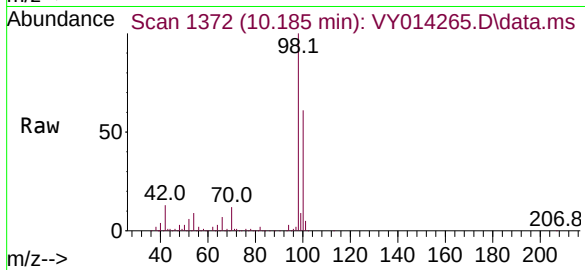
SB-08-0-2.0

Tgt Ion: 98 Resp: 332982

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.630 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014265.D

Acq: 20 Jun 2023 06:59

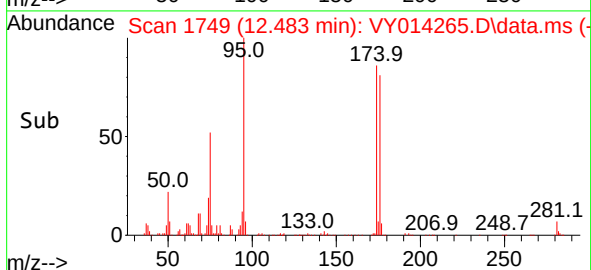
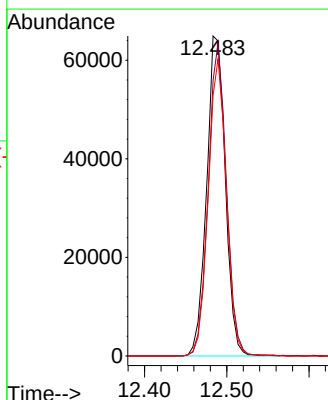
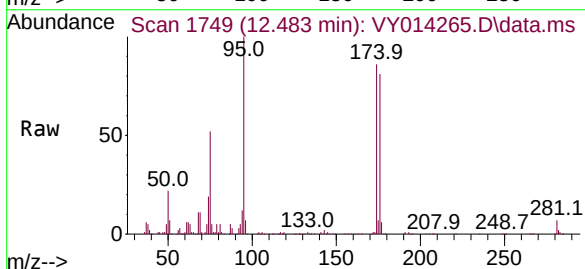
Tgt Ion: 95 Resp: 102627

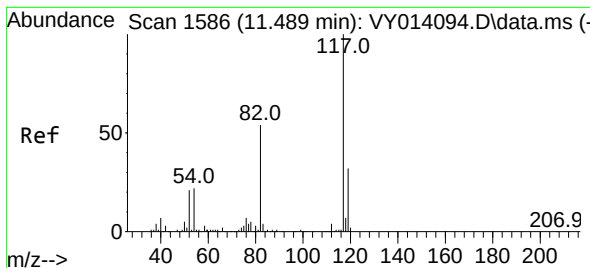
Ion Ratio Lower Upper

95 100

174 95.2 0.0 178.2

176 90.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014265.D

Acq: 20 Jun 2023 06:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-0-2.0

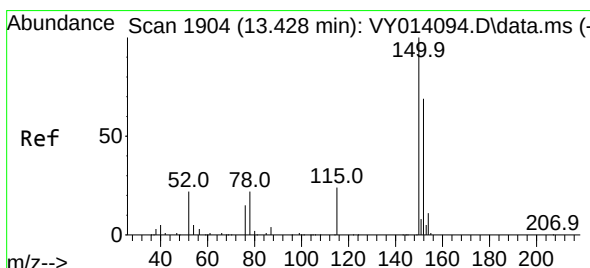
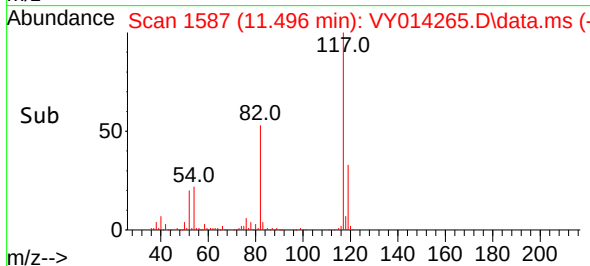
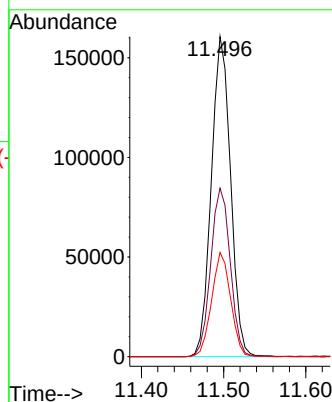
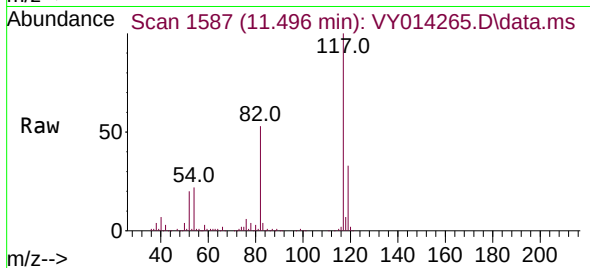
Tgt Ion:117 Resp: 261251

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 32.6 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: VY014265.D

Acq: 20 Jun 2023 06:59

Tgt Ion:152 Resp: 117606

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 156.3 0.0 348.8

