

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015898.D
 Acq On : 10 Oct 2023 15:41
 Operator : SY/MD
 Sample : 04769-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-10-4-2023

Quant Time: Oct 11 01:20:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	146472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	259713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	244594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88549	67.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.380%
35) Dibromofluoromethane	7.722	113	84643	58.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.860%
50) Toluene-d8	10.185	98	307364	64.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	128.760%
62) 4-Bromofluorobenzene	12.483	95	103278	53.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.520%

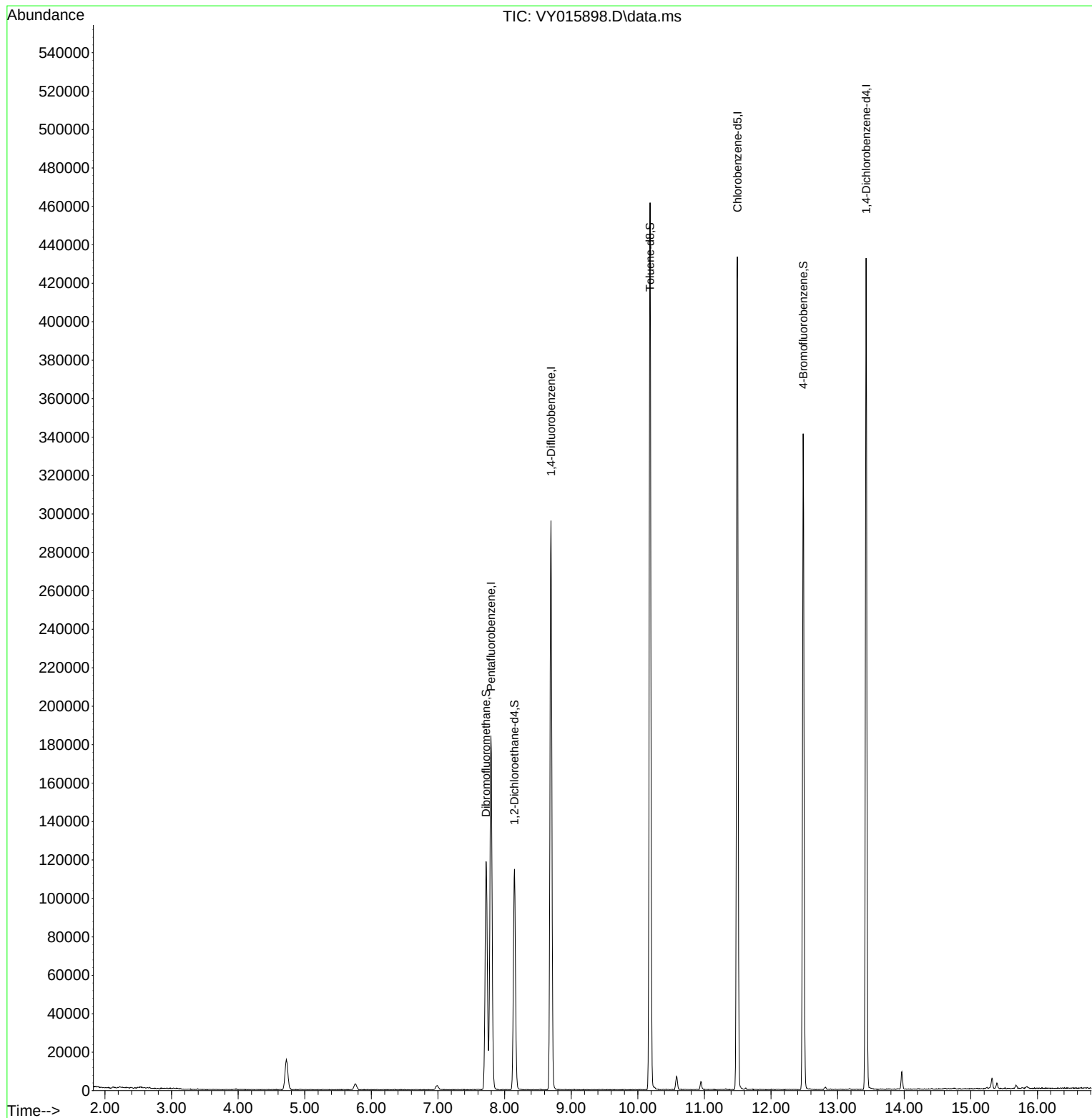
Target Compounds	Qvalue

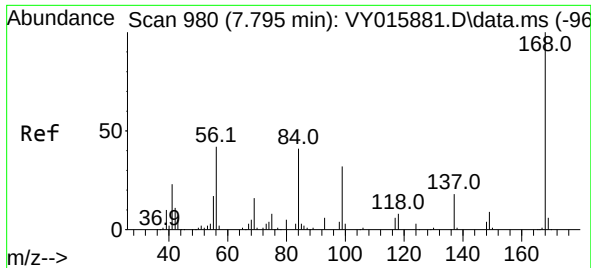
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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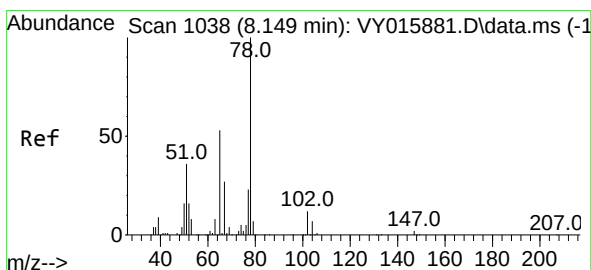
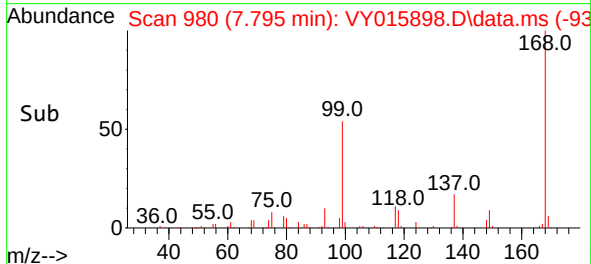
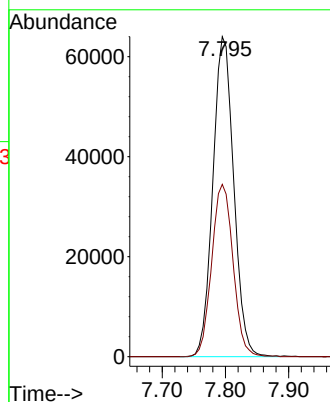
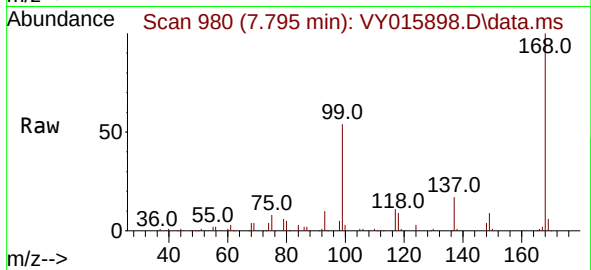




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

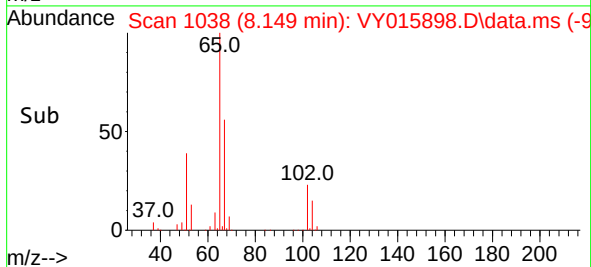
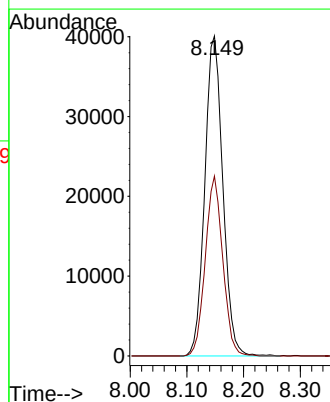
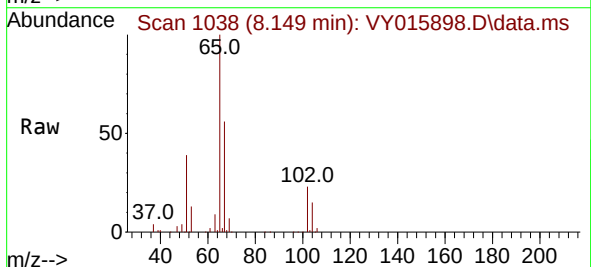
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-10-4-2023

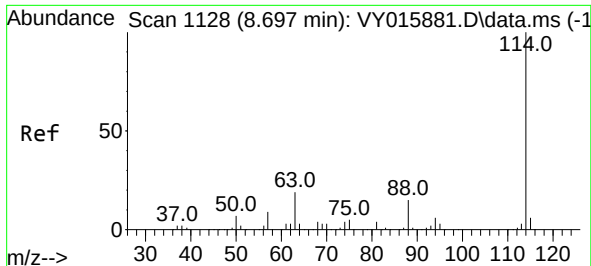
Tgt Ion:168 Resp: 146472
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 67.187 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

Tgt Ion: 65 Resp: 88549
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-10-4-2023

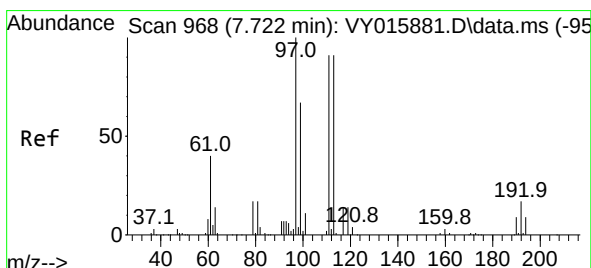
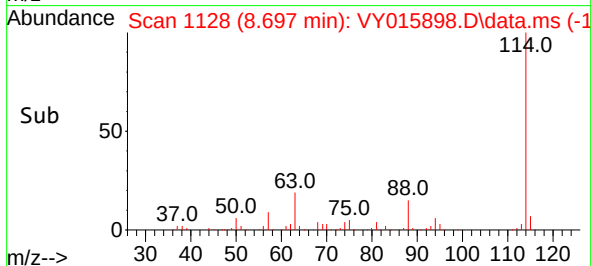
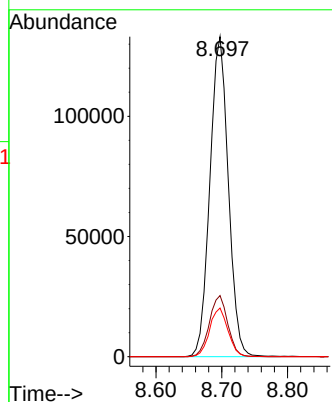
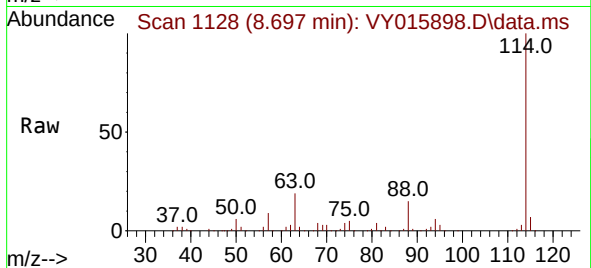
Tgt Ion:114 Resp: 259713

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.430 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

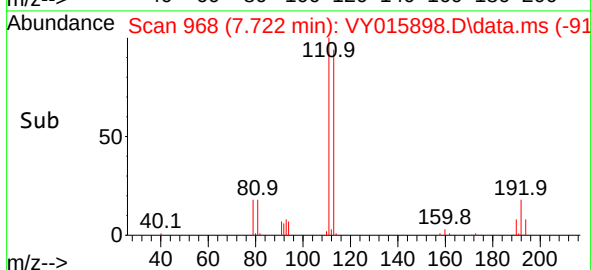
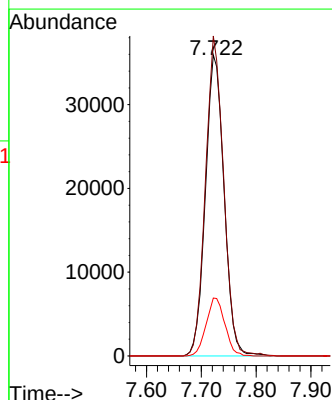
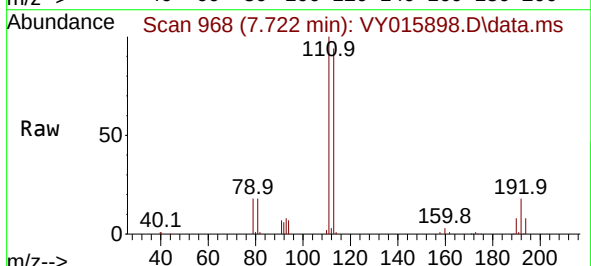
Tgt Ion:113 Resp: 84643

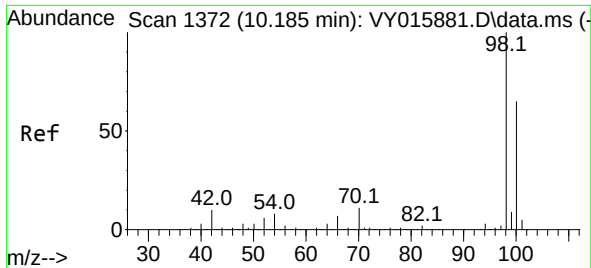
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 19.4 16.9 25.3

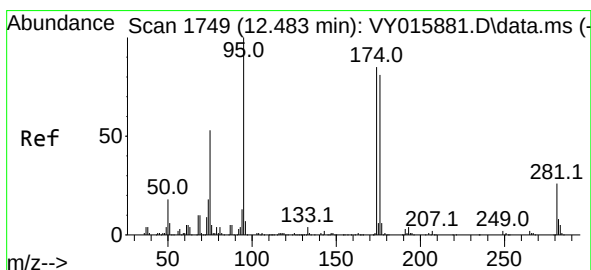
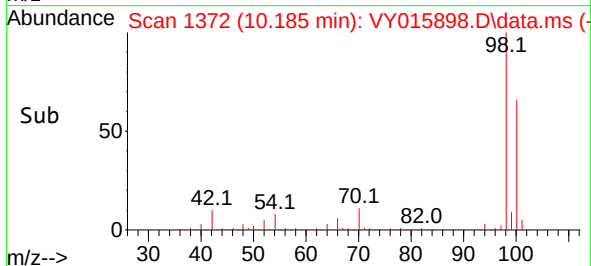
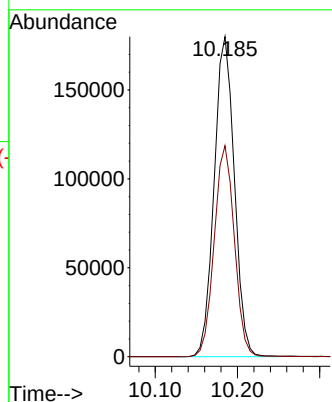
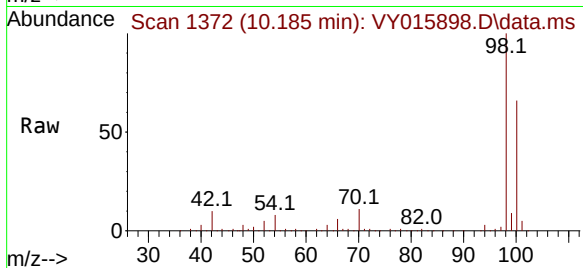




#50
Toluene-d8
Concen: 64.380 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

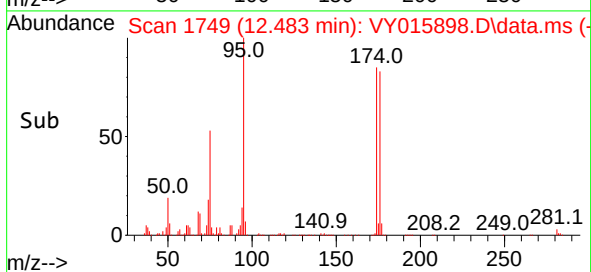
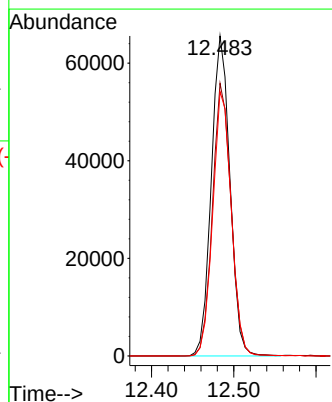
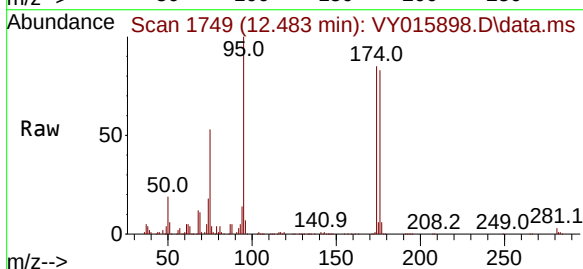
Instrument :
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AU-06-10-4-2023

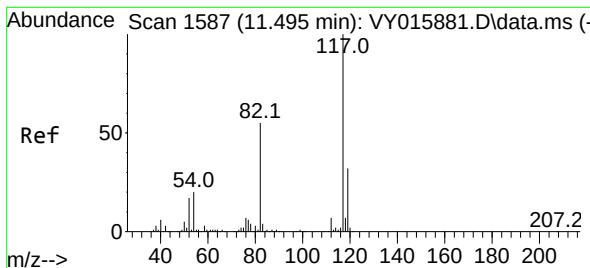
Tgt Ion: 98 Resp: 307364
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.259 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

Tgt Ion: 95 Resp: 103278
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-10-4-2023

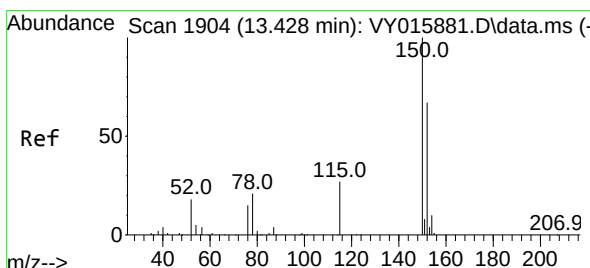
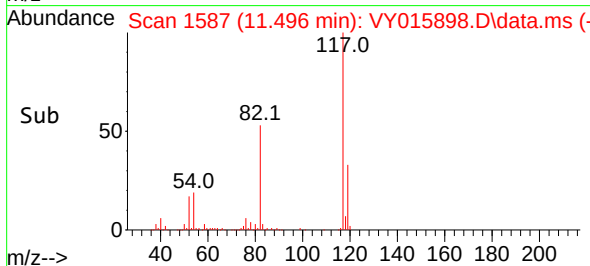
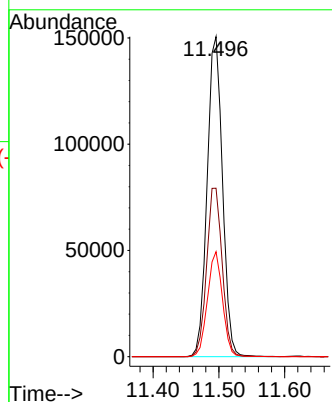
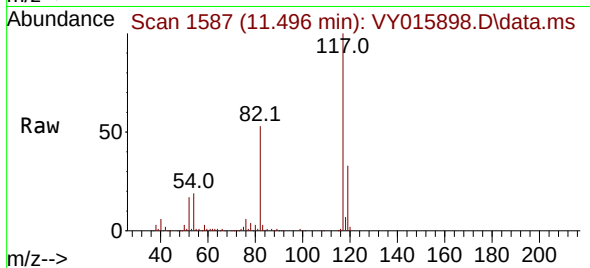
Tgt Ion:117 Resp: 244594

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 32.8 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: VY015898.D

Acq: 10 Oct 2023 15:41

Tgt Ion:152 Resp: 109545

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 156.5 0.0 348.8

