

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015887.D
 Acq On : 10 Oct 2023 10:37
 Operator : SY/MD
 Sample : VY1010SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBL01

Quant Time: Oct 11 01:16:22 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	161006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	255731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93890	64.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.620%
35) Dibromofluoromethane	7.728	113	89876	57.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.920%
50) Toluene-d8	10.185	98	333494	64.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.400%
62) 4-Bromofluorobenzene	12.483	95	107771	51.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.940%

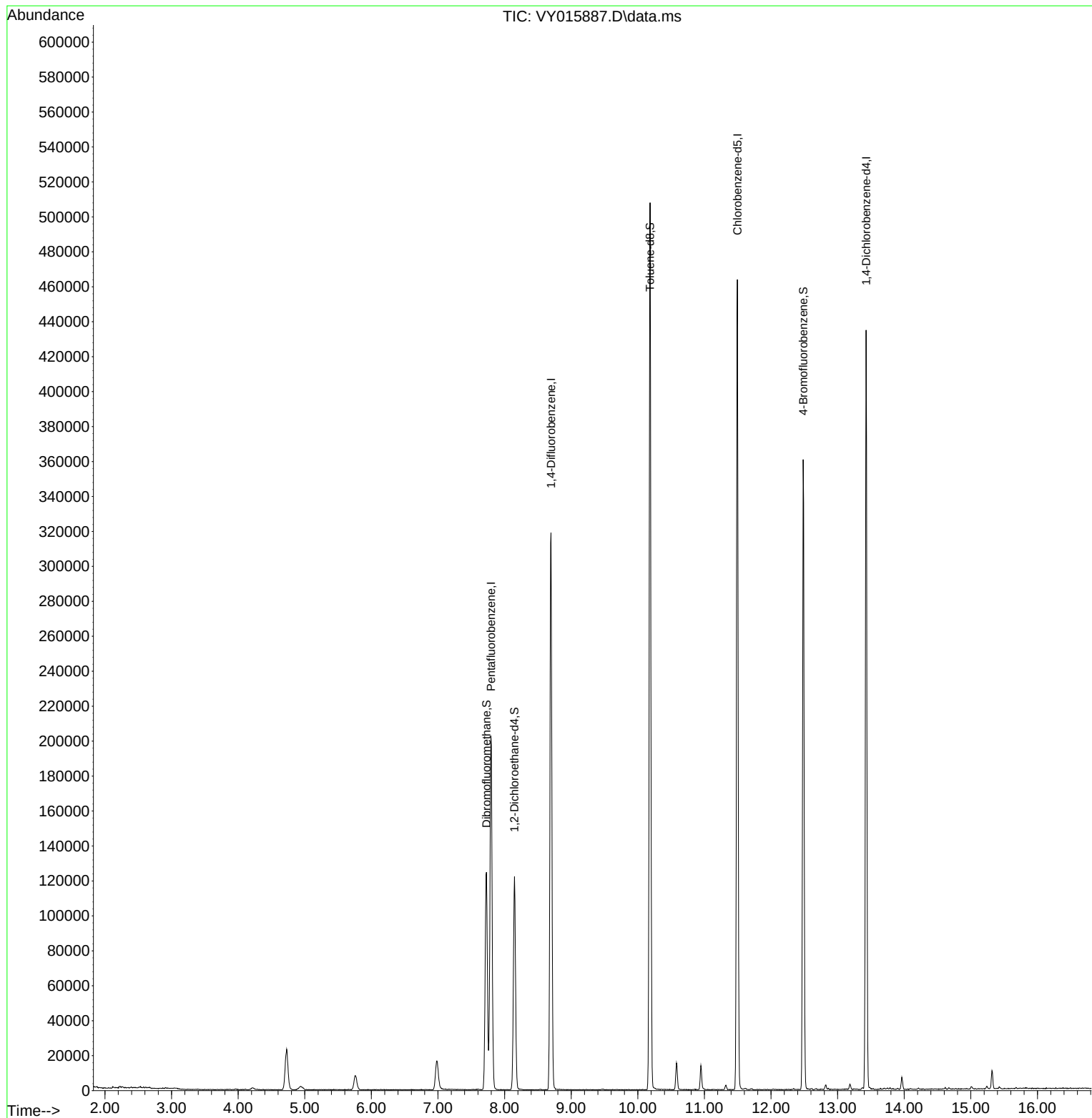
Target Compounds	Qvalue

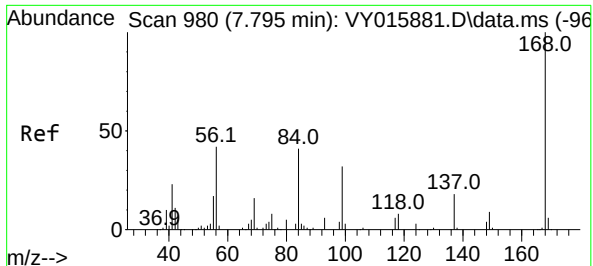
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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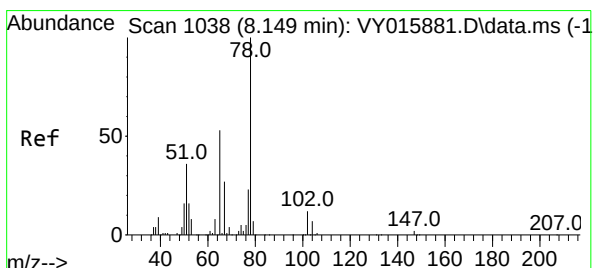
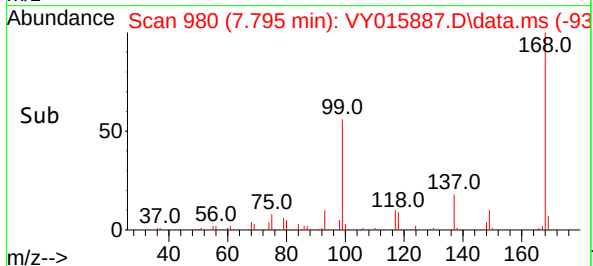
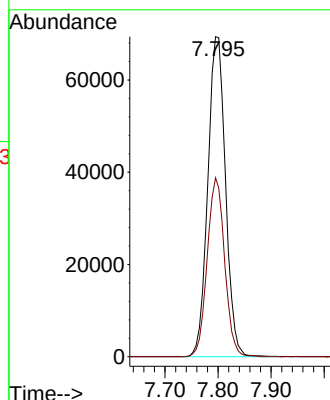
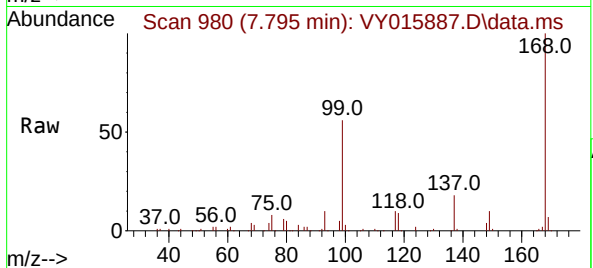




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

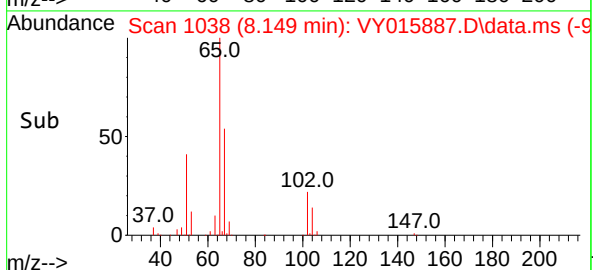
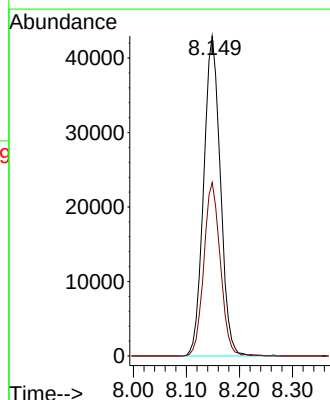
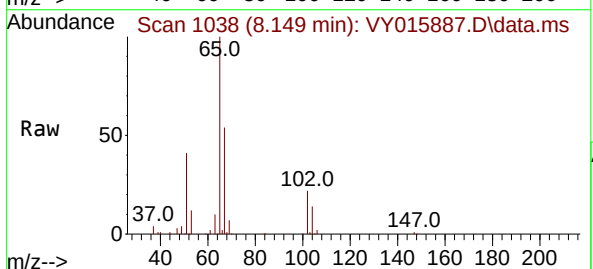
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBL01

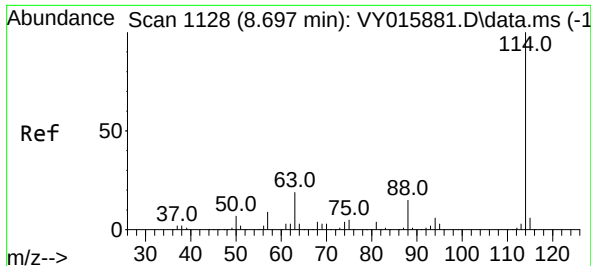
Tgt Ion:168 Resp: 161006
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 64.809 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Tgt Ion: 65 Resp: 93890
Ion Ratio Lower Upper
65 100
67 53.3 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: VY015887.D

Acq: 10 Oct 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBL01

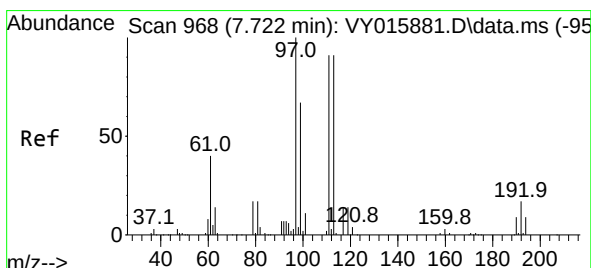
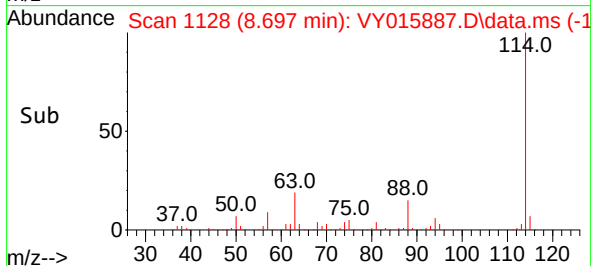
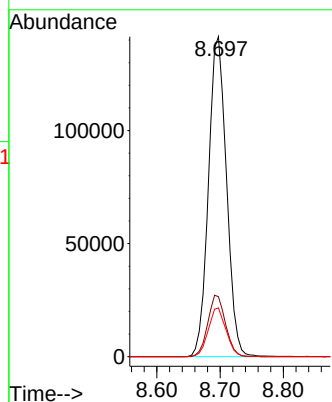
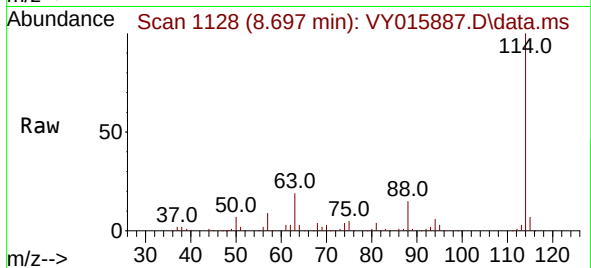
Tgt Ion:114 Resp: 280418

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.461 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015887.D

Acq: 10 Oct 2023 10:37

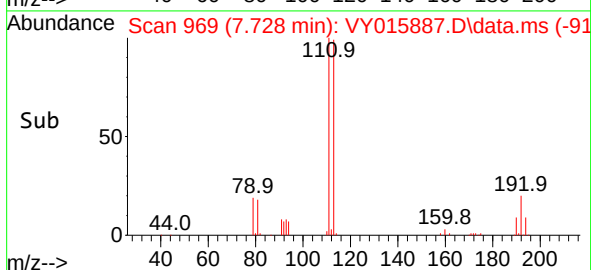
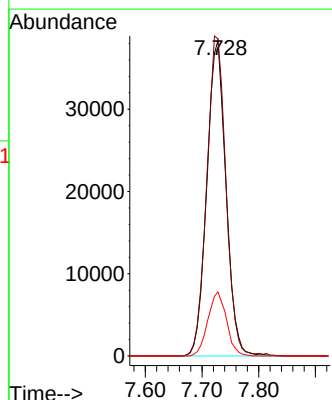
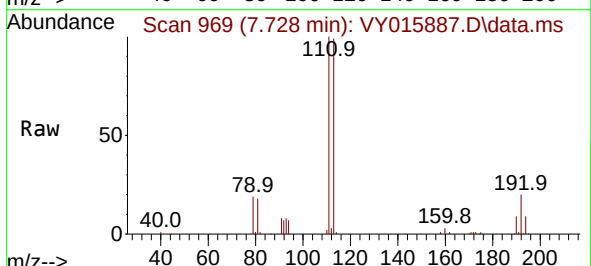
Tgt Ion:113 Resp: 89876

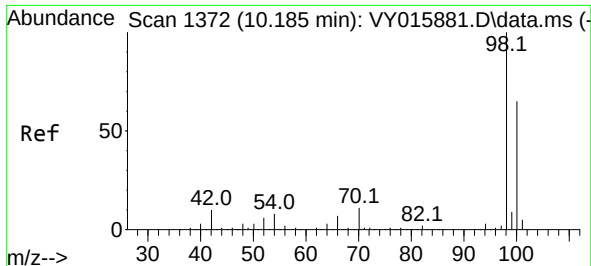
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 19.8 16.9 25.3

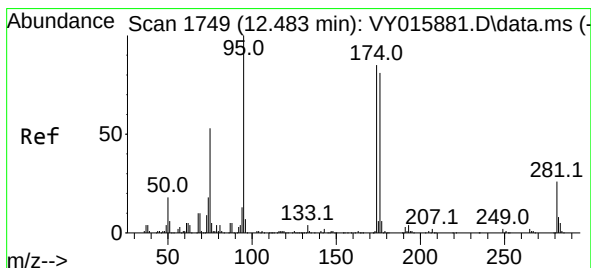
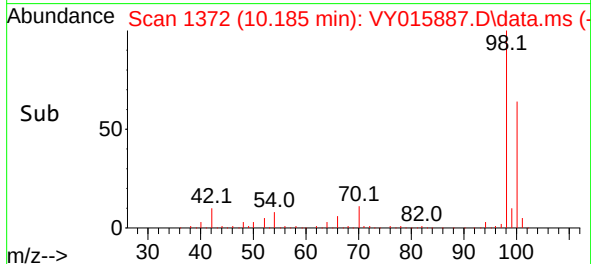
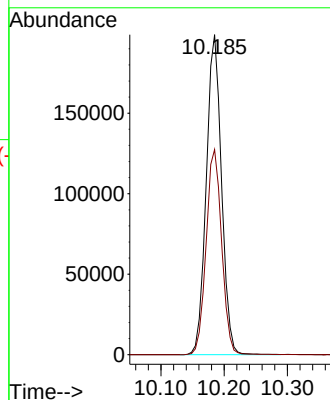
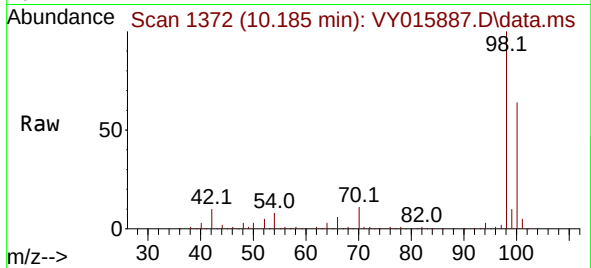




#50
Toluene-d8
Concen: 64.695 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

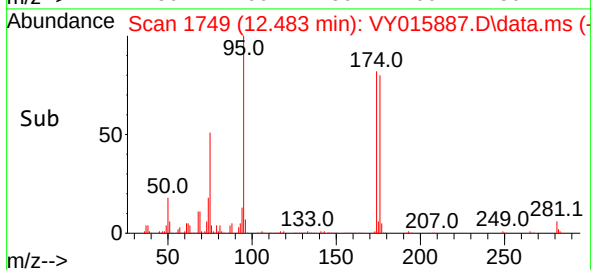
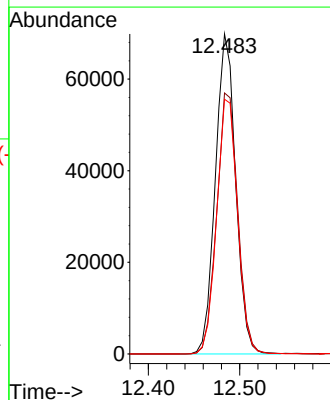
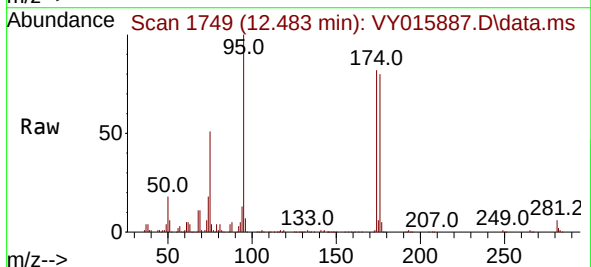
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBL01

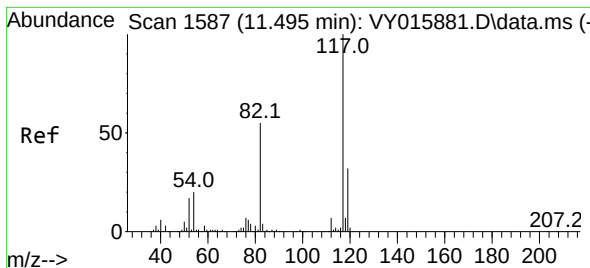
Tgt Ion: 98 Resp: 333494
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015887.D
Acq: 10 Oct 2023 10:37

Tgt Ion: 95 Resp: 107771
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.3 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: VY015887.D

Acq: 10 Oct 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBL01

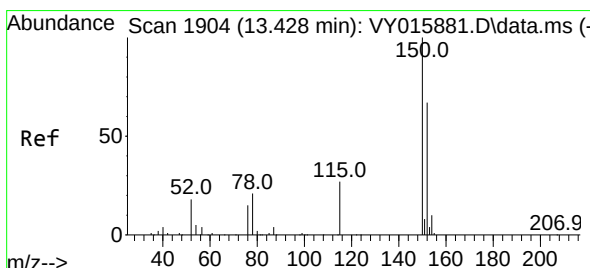
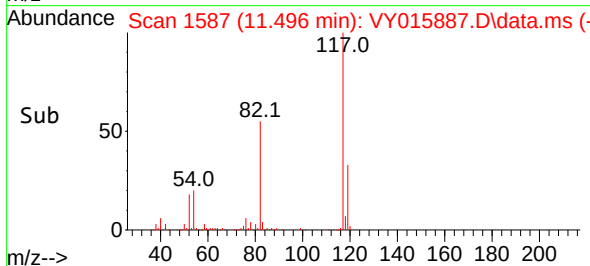
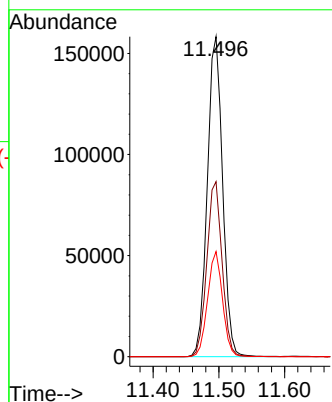
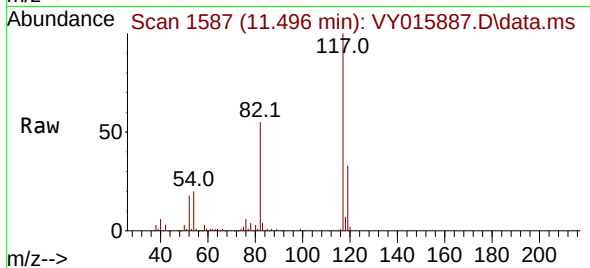
Tgt Ion:117 Resp: 255731

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 32.9 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: VY015887.D

Acq: 10 Oct 2023 10:37

Tgt Ion:152 Resp: 112234

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.3 0.0 348.8

