

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015752.D
 Acq On : 28 Sep 2023 18:41
 Operator : SY/MD
 Sample : 04627-21RE
 Misc : 3.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-11RE

Quant Time: Sep 29 01:28:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	112772	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	203252	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	192805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	77438	62.409	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.820%
35) Dibromofluoromethane	7.728	113	68567	56.363	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.720%
50) Toluene-d8	10.184	98	243832	59.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	118.220%
62) 4-Bromofluorobenzene	12.483	95	80490	49.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.440%

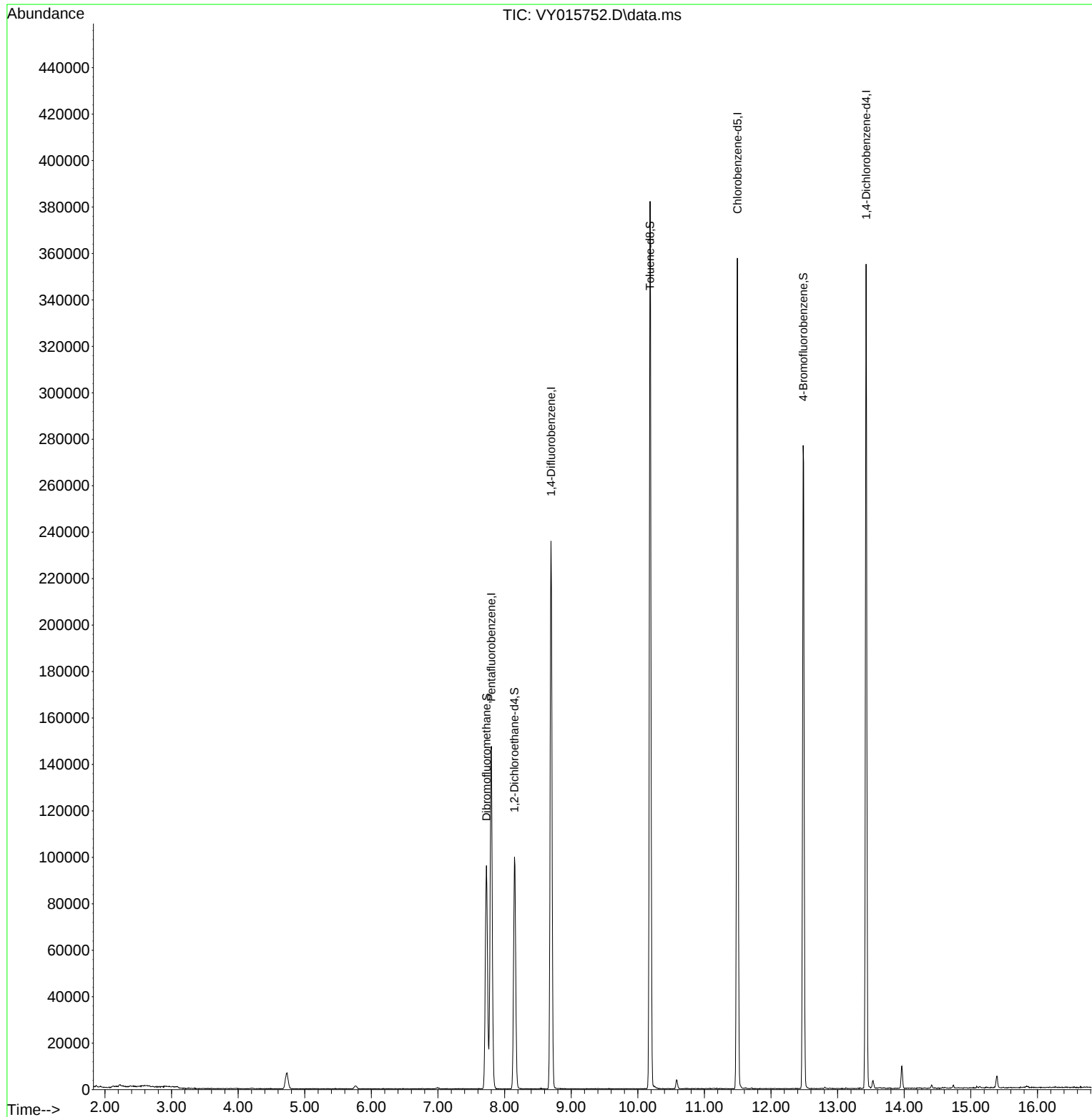
Target Compounds	Qvalue

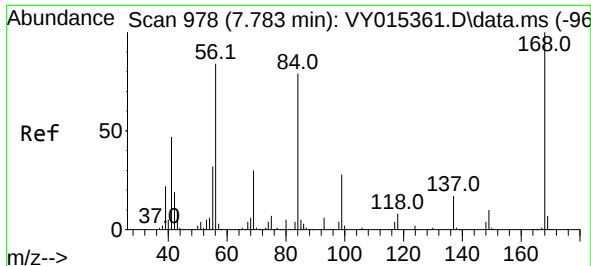
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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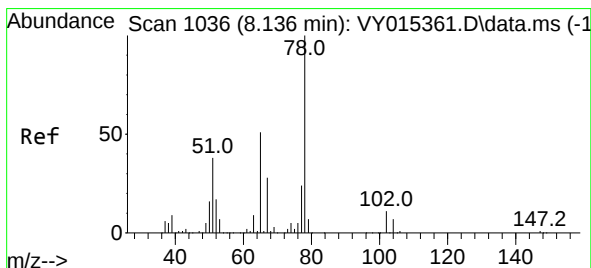
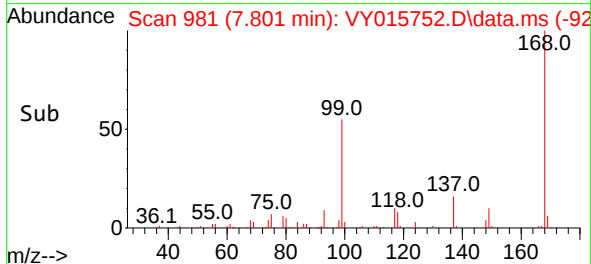
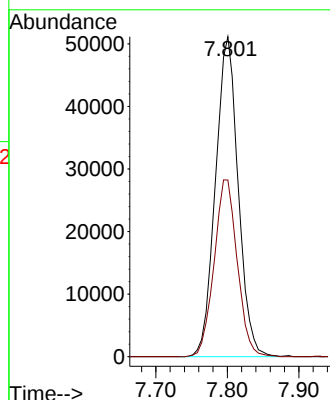
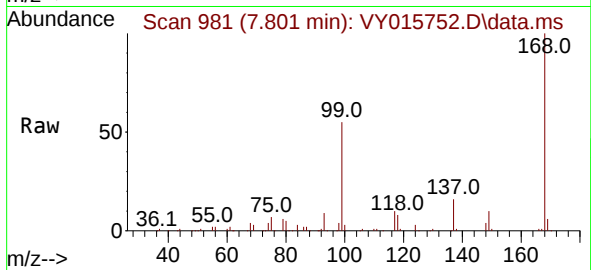




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015752.D
Acq: 28 Sep 2023 18:41

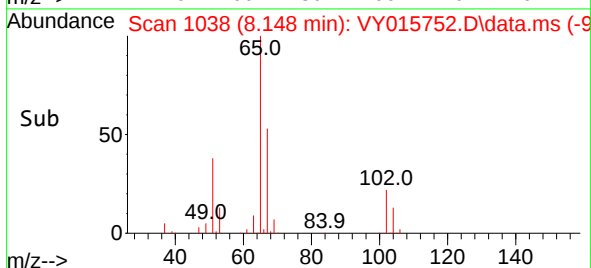
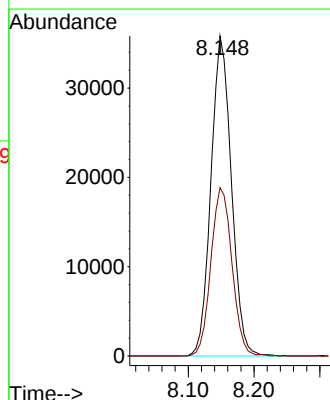
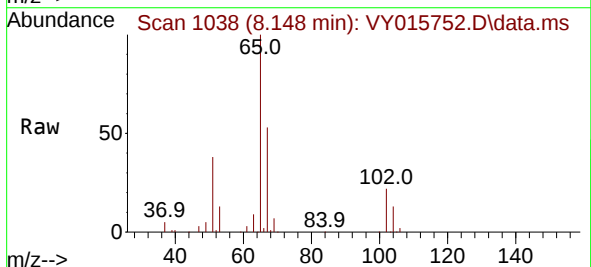
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-11RE

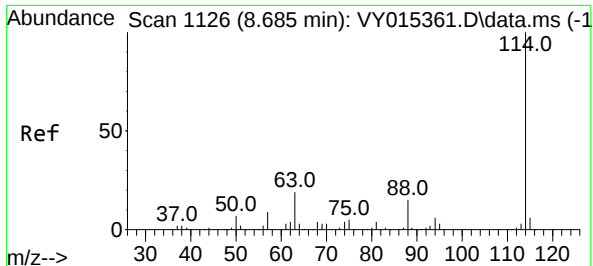
Tgt Ion:168 Resp: 112772
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.409 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015752.D
Acq: 28 Sep 2023 18:41

Tgt Ion: 65 Resp: 77438
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY015752.D

Acq: 28 Sep 2023 18:41

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-11RE

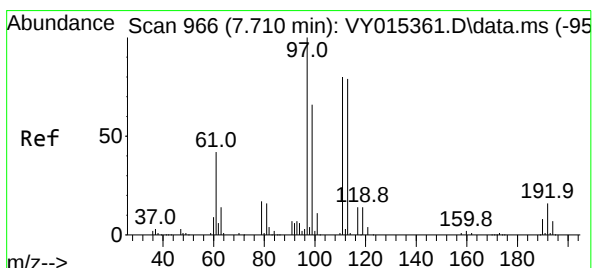
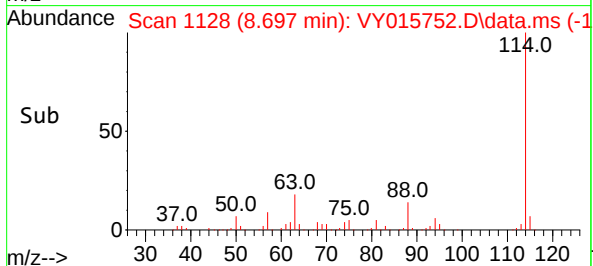
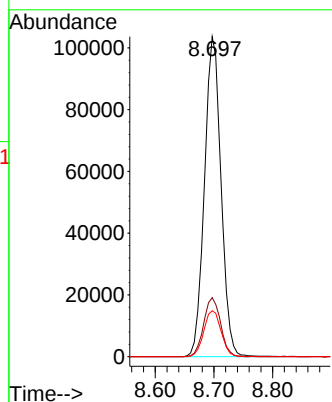
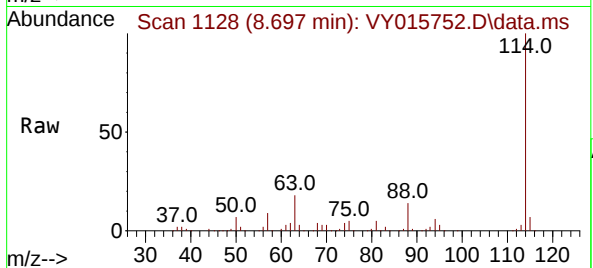
Tgt Ion:114 Resp: 203252

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.363 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015752.D

Acq: 28 Sep 2023 18:41

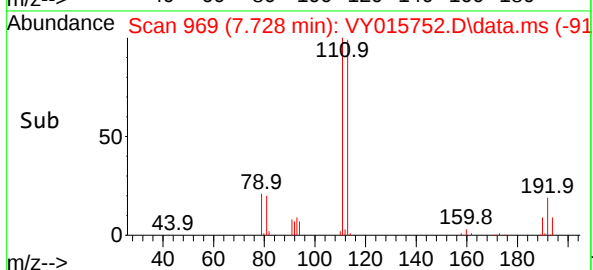
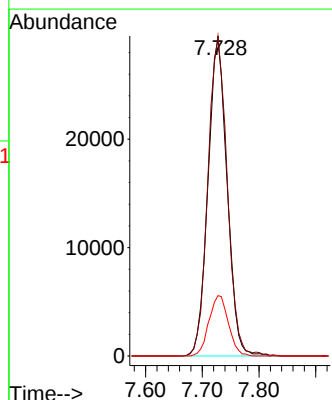
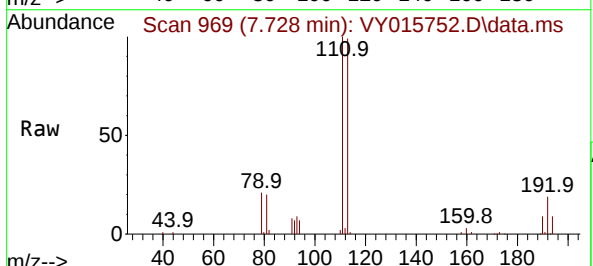
Tgt Ion:113 Resp: 68567

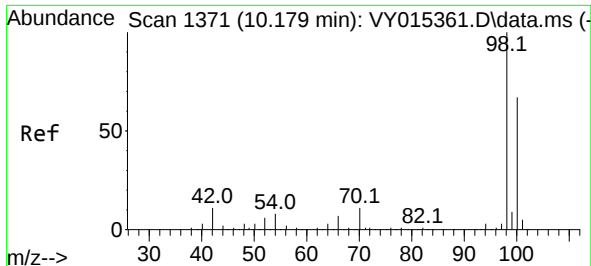
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 19.3 16.9 25.3

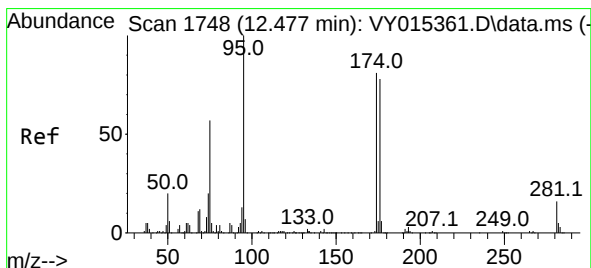
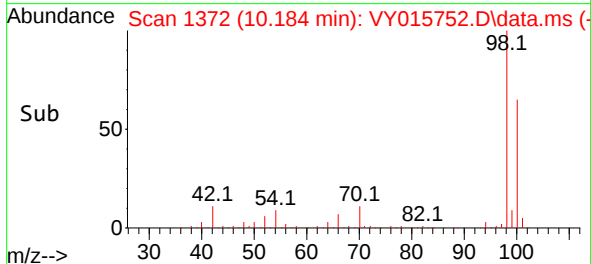
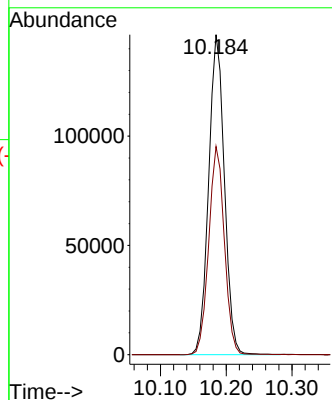
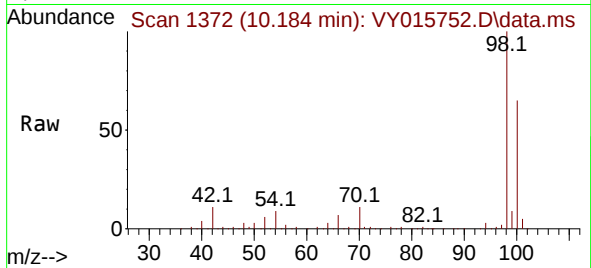




#50
Toluene-d8
Concen: 59.113 ug/l
RT: 10.184 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY015752.D
Acq: 28 Sep 2023 18:41

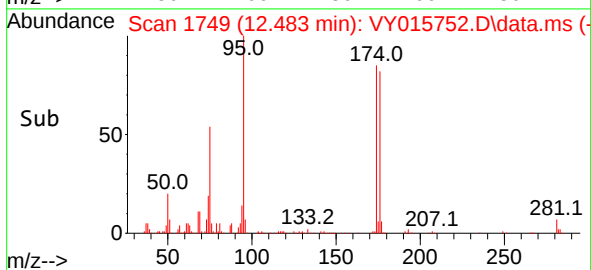
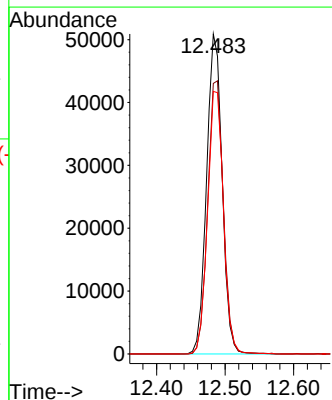
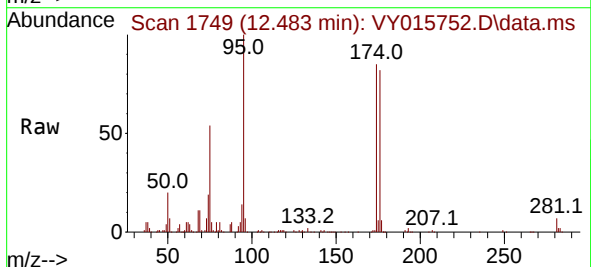
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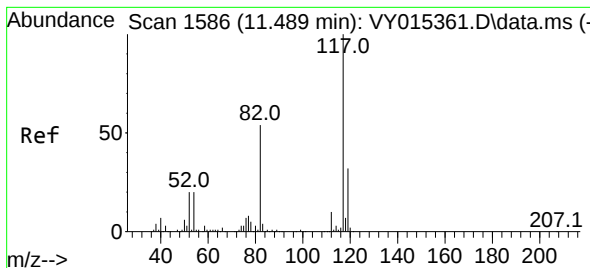
Tgt Ion: 98 Resp: 243832
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.724 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015752.D
Acq: 28 Sep 2023 18:41

Tgt Ion: 95 Resp: 80490
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015752.D

Acq: 28 Sep 2023 18:41

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-11RE

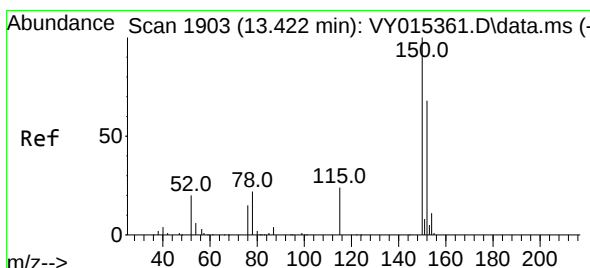
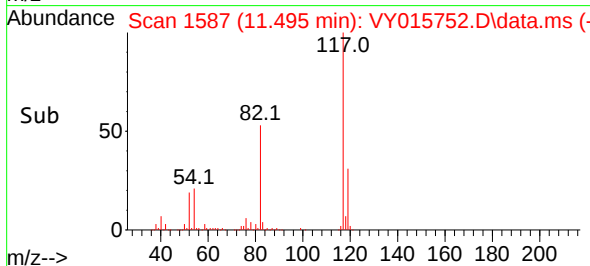
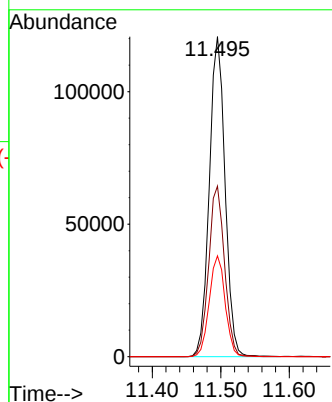
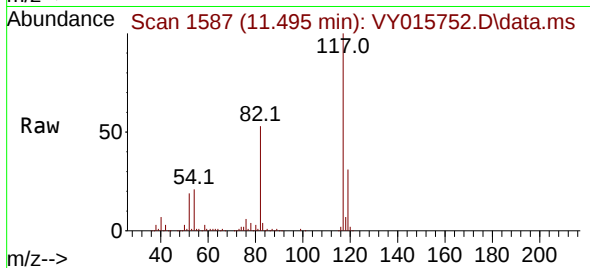
Tgt Ion:117 Resp: 192805

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 31.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015752.D

Acq: 28 Sep 2023 18:41

Tgt Ion:152 Resp: 87555

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.1 0.0 348.8

