

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015753.D
 Acq On : 28 Sep 2023 19:04
 Operator : SY/MD
 Sample : 04627-23RE
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-12RE

Quant Time: Sep 29 01:28:20 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	88686	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	156072	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	144390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60174	61.667	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.340%
35) Dibromofluoromethane	7.728	113	52420	56.115	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.240%
50) Toluene-d8	10.185	98	189058	59.690	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.380%
62) 4-Bromofluorobenzene	12.483	95	59795	48.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.220%

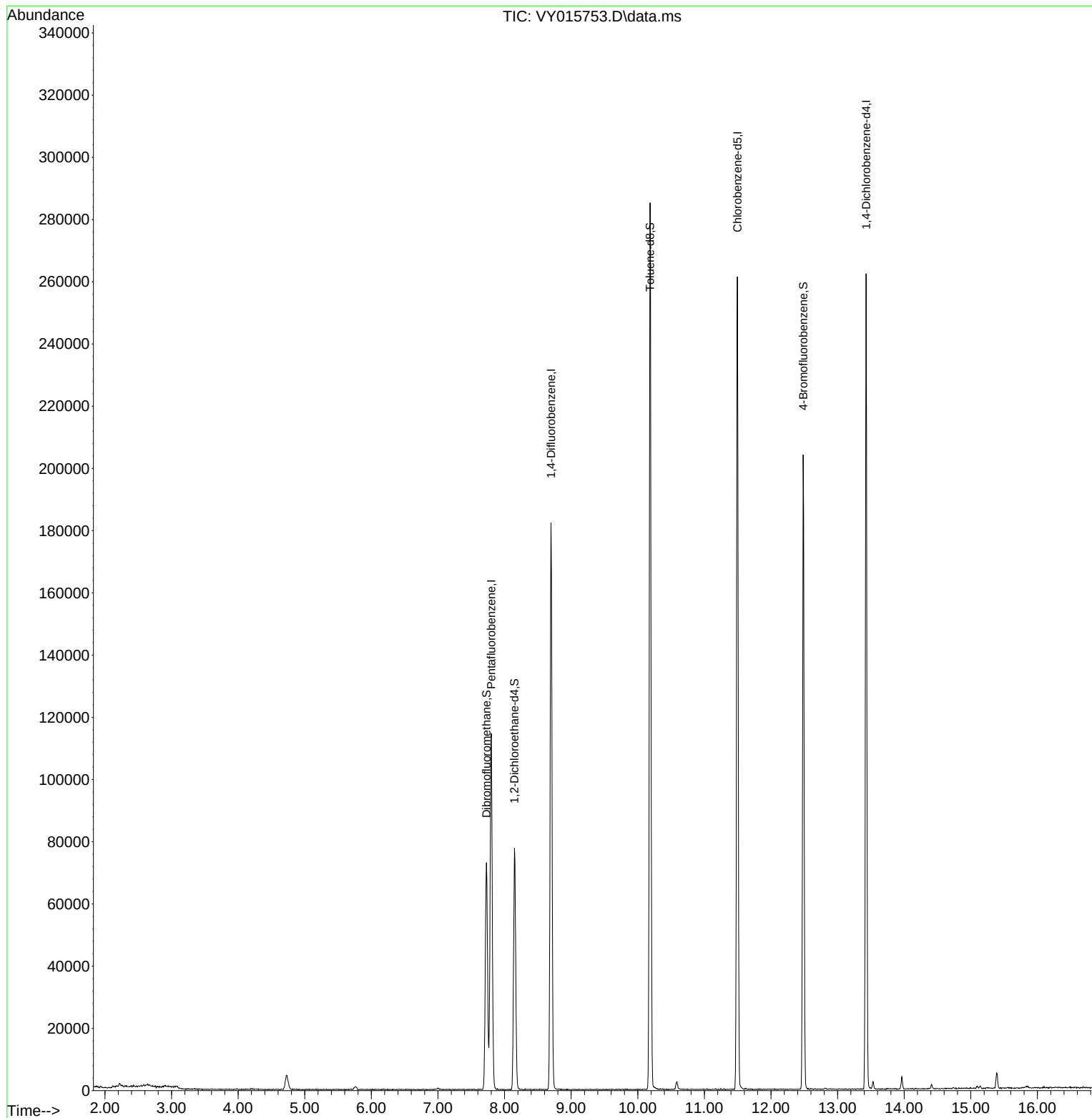
Target Compounds	Qvalue

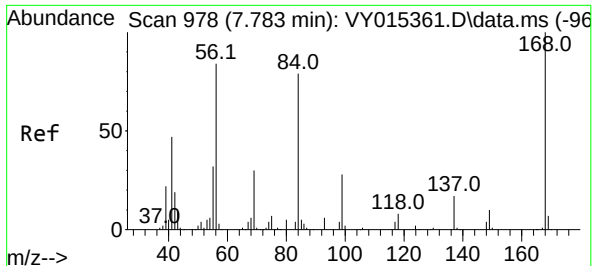
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
Data File : VY015753.D
Acq On : 28 Sep 2023 19:04
Operator : SY/MD
Sample : 04627-23RE
Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-12RE

Quant Time: Sep 29 01:28:20 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

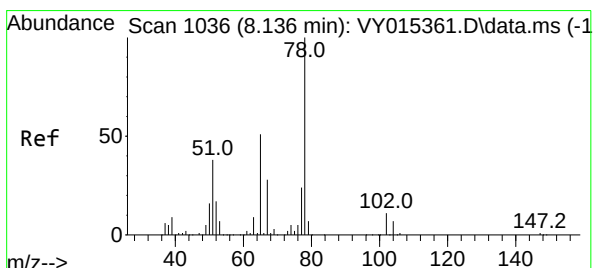
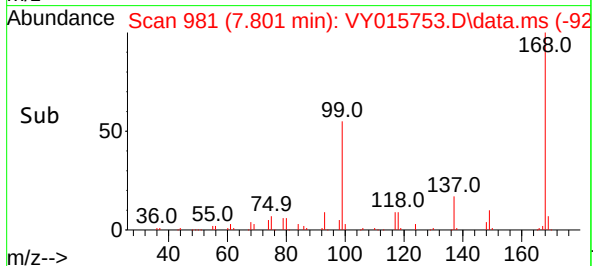
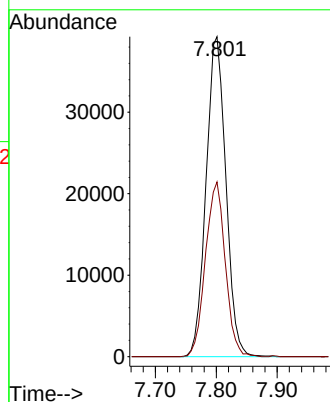
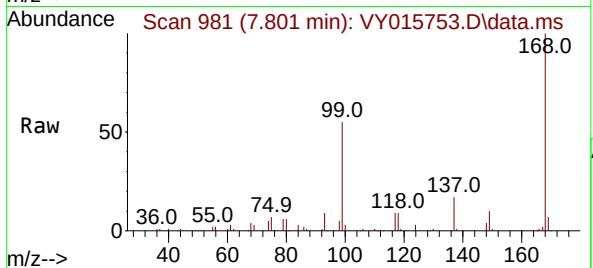




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

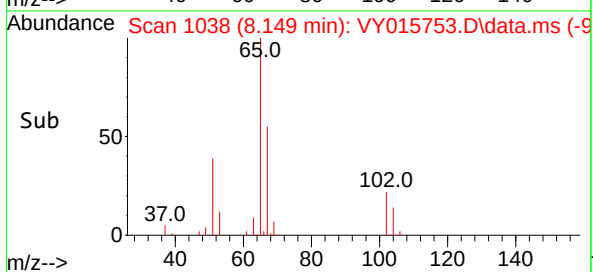
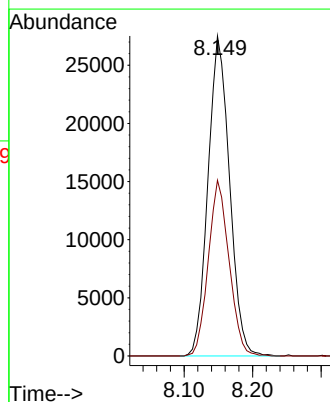
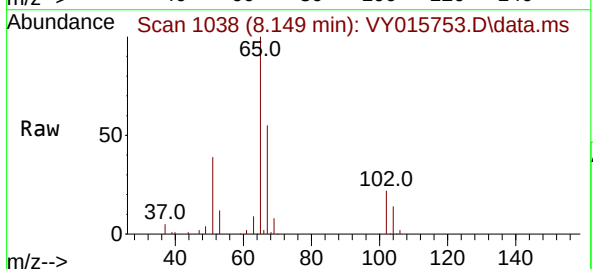
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-12RE

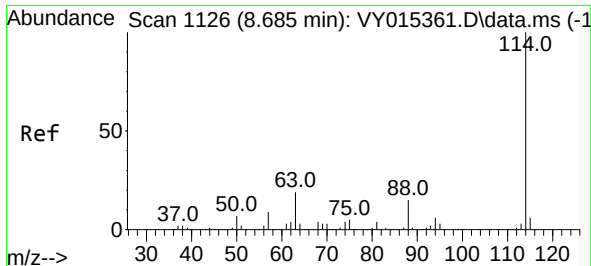
Tgt Ion:168 Resp: 88686
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.667 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

Tgt Ion: 65 Resp: 60174
Ion Ratio Lower Upper
65 100
67 53.0 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: VY015753.D

Acq: 28 Sep 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-12RE

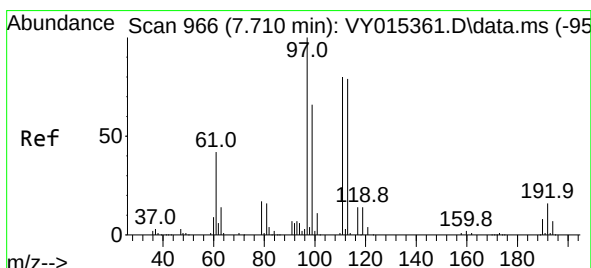
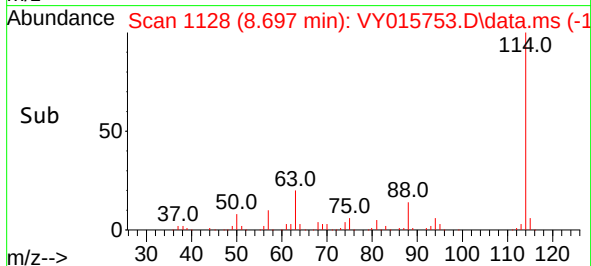
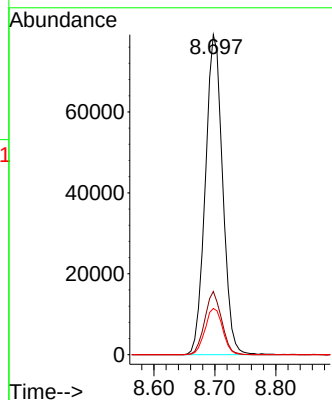
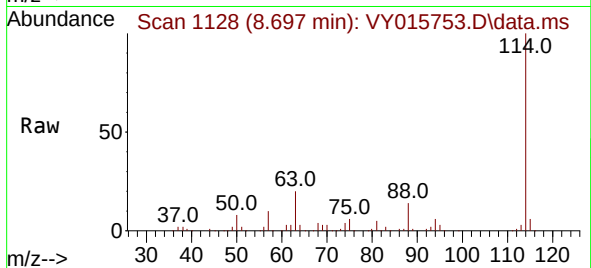
Tgt Ion:114 Resp: 156072

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.115 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015753.D

Acq: 28 Sep 2023 19:04

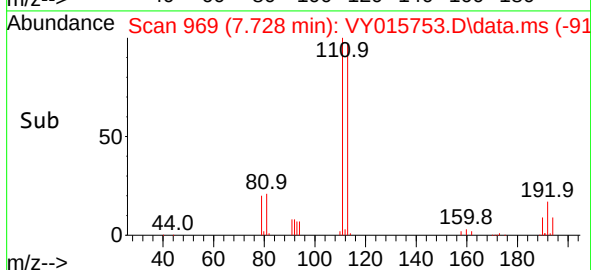
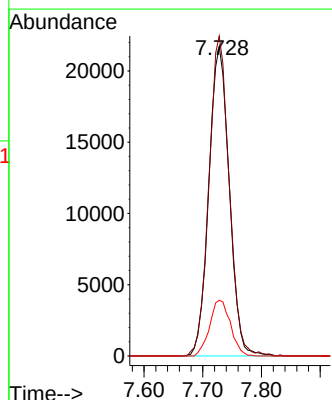
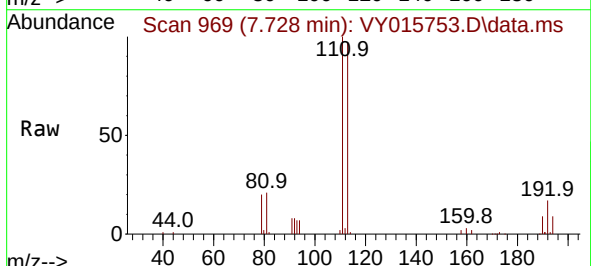
Tgt Ion:113 Resp: 52420

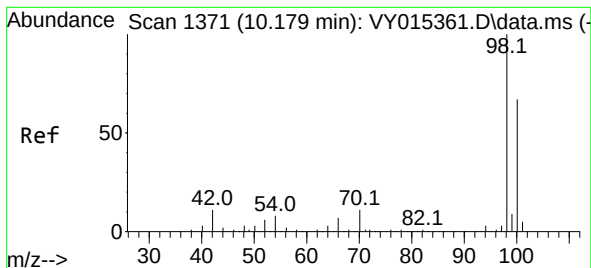
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 18.3 16.9 25.3





#50

Toluene-d8

Concen: 59.690 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY015753.D

Acq: 28 Sep 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

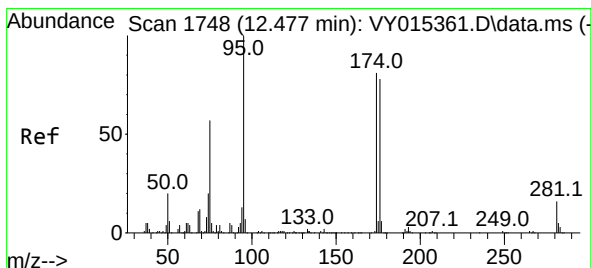
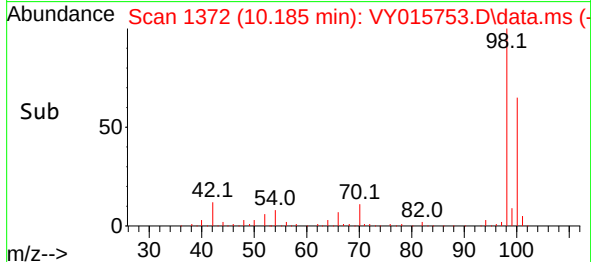
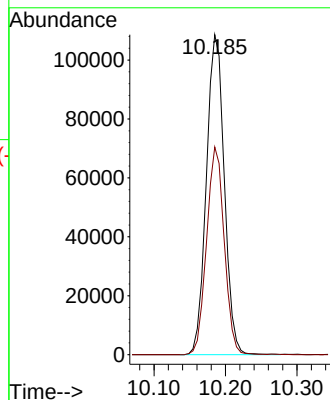
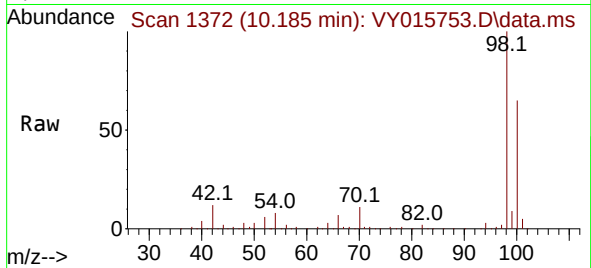
280-300FB-BACKFILL-12RE

Tgt Ion: 98 Resp: 189058

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.106 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015753.D

Acq: 28 Sep 2023 19:04

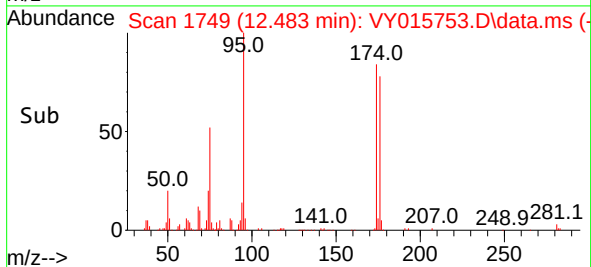
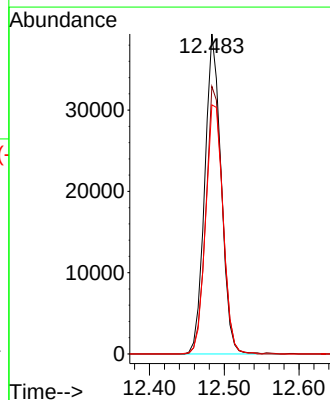
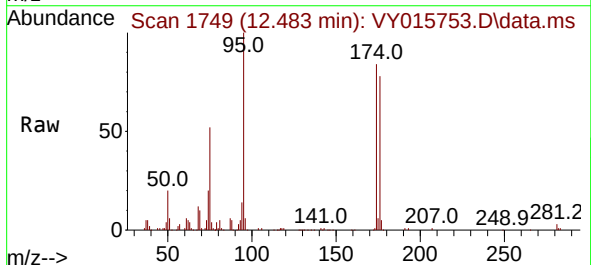
Tgt Ion: 95 Resp: 59795

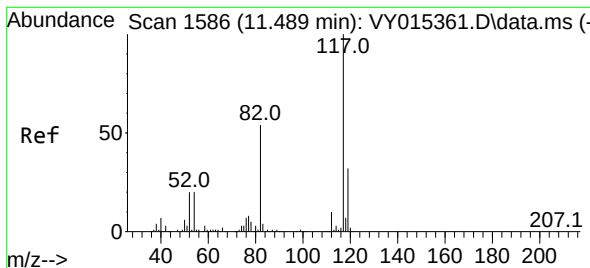
Ion Ratio Lower Upper

95 100

174 85.6 0.0 178.2

176 82.9 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: VY015753.D

Acq: 28 Sep 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-12RE

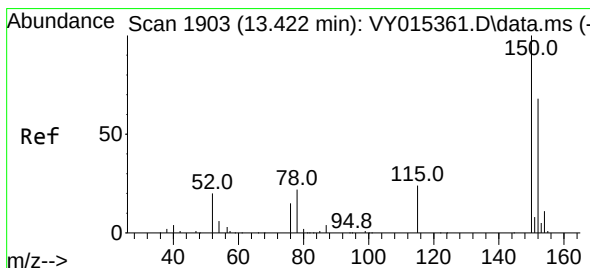
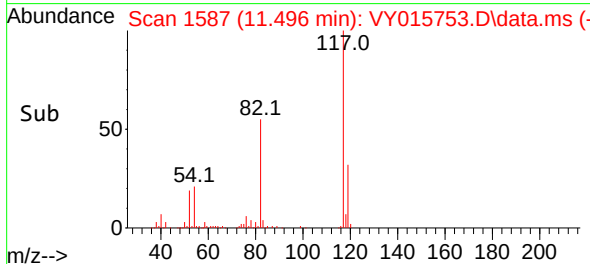
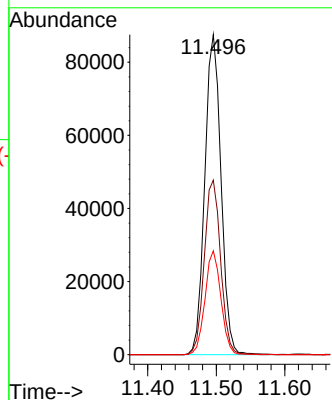
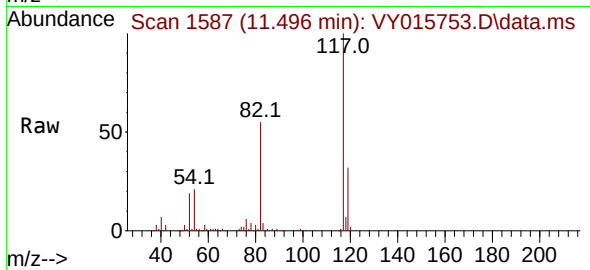
Tgt Ion:117 Resp: 144390

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.5 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: VY015753.D

Acq: 28 Sep 2023 19:04

Tgt Ion:152 Resp: 64529

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.5 0.0 348.8

