

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015478.D
 Acq On : 07 Sep 2023 19:46
 Operator : SY/MD
 Sample : 04335-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AREA-2

Quant Time: Sep 07 23:12:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	361483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	592445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	533840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	265144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	226449	58.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.703	113	184998	54.214	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.420%
50) Toluene-d8	10.172	98	683281	55.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.580%
62) 4-Bromofluorobenzene	12.477	95	244792	53.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.720%

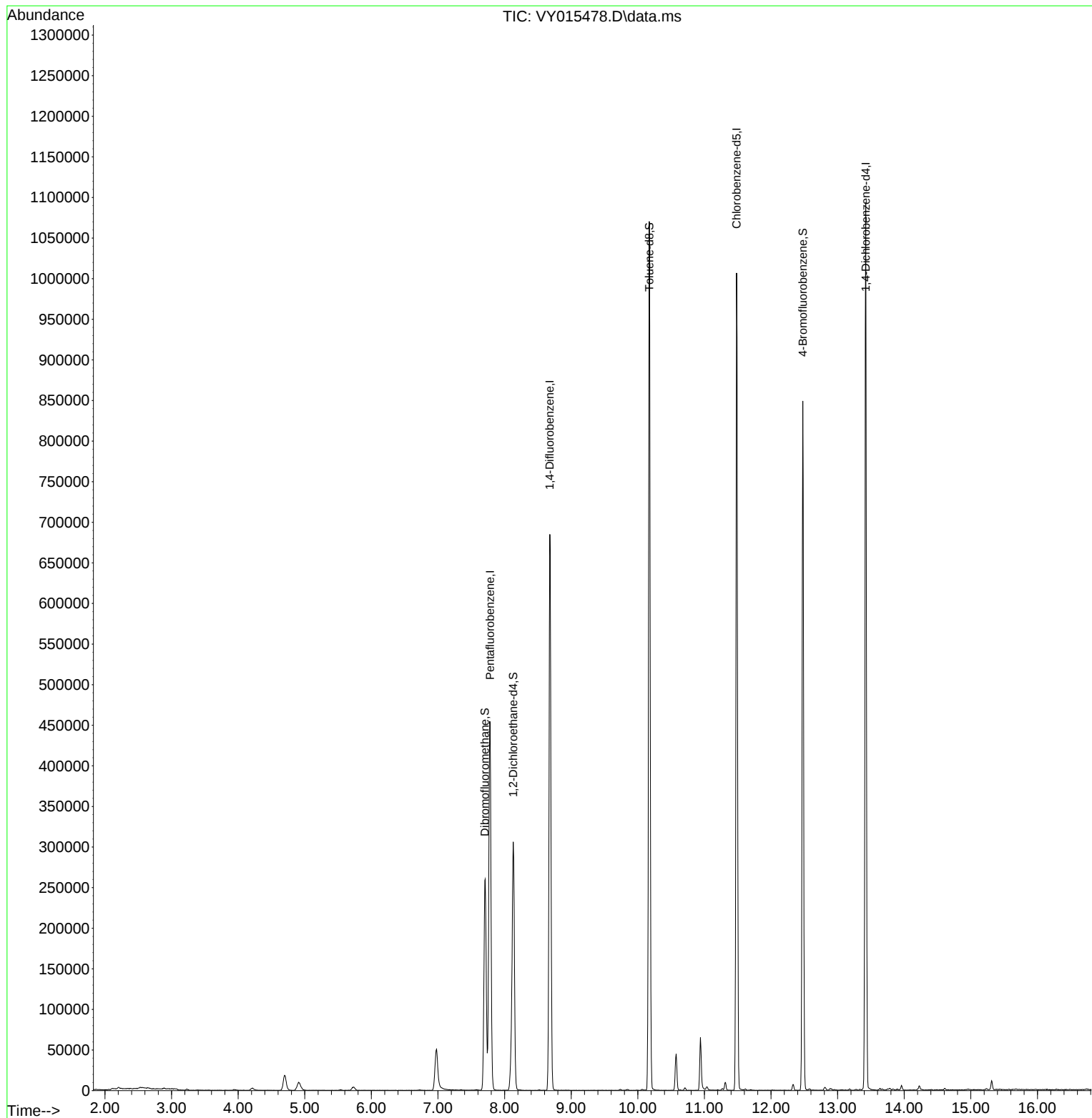
Target Compounds	Qvalue

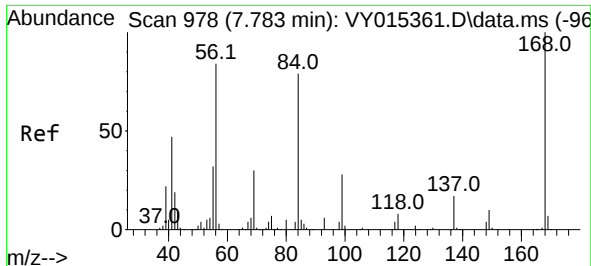
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
Data File : VY015478.D
Acq On : 07 Sep 2023 19:46
Operator : SY/MD
Sample : 04335-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AREA-2

Quant Time: Sep 07 23:12:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

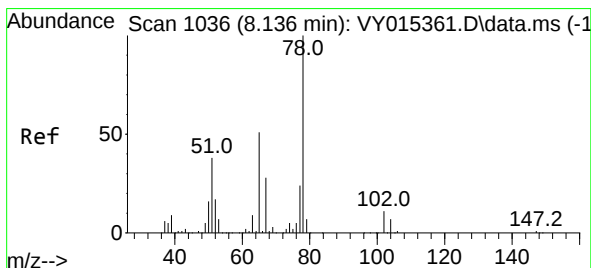
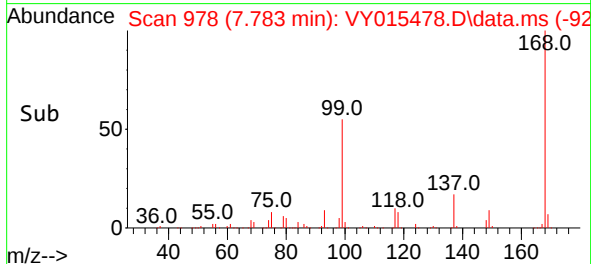
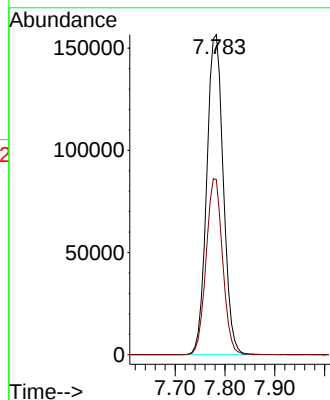
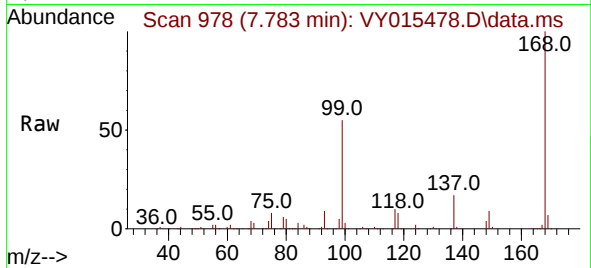




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

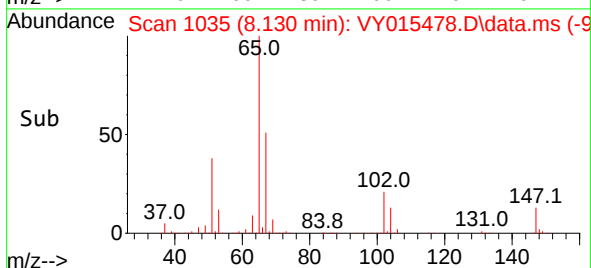
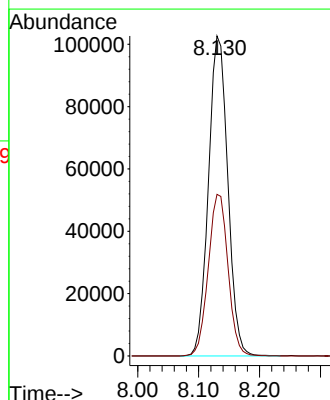
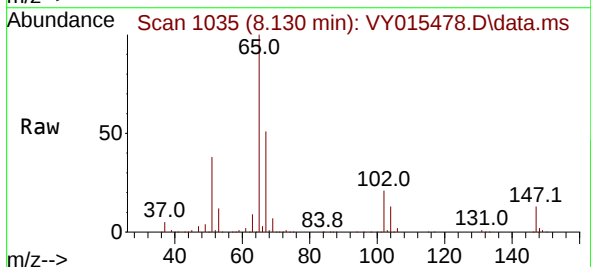
Instrument :
MSVOA_Y
ClientSampleId :
AREA-2

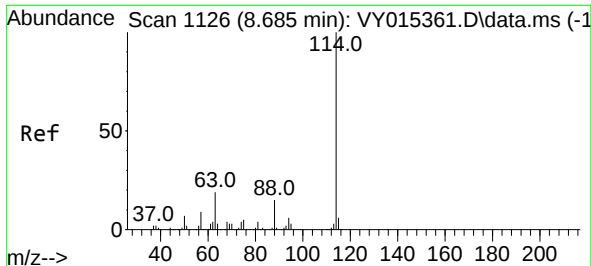
Tgt Ion:168 Resp: 361483
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.438 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015478.D
Acq: 07 Sep 2023 19:46

Tgt Ion: 65 Resp: 226449
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015478.D

Acq: 07 Sep 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

AREA-2

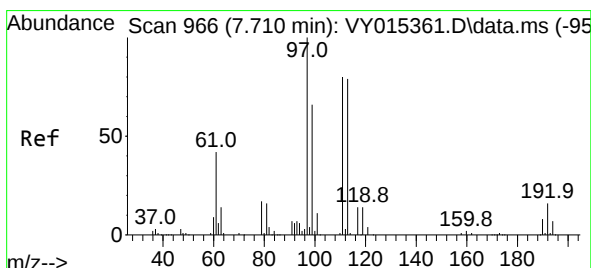
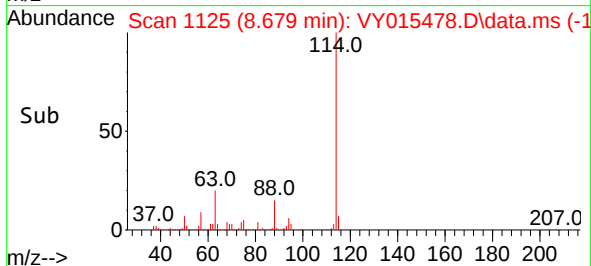
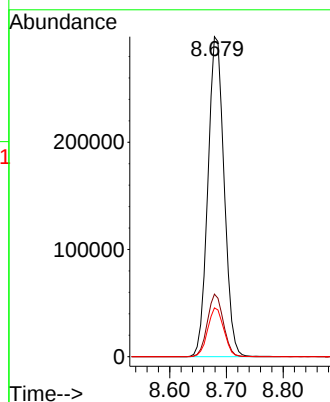
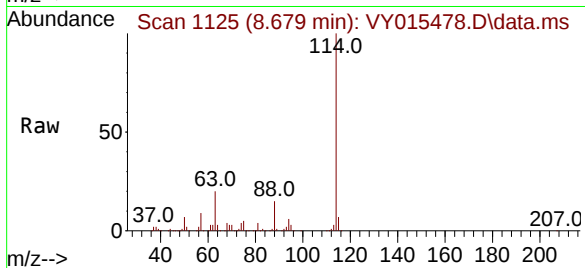
Tgt Ion:114 Resp: 592445

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.214 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY015478.D

Acq: 07 Sep 2023 19:46

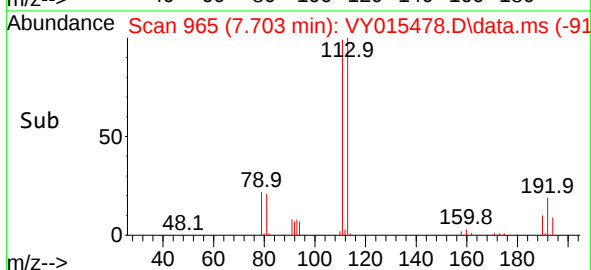
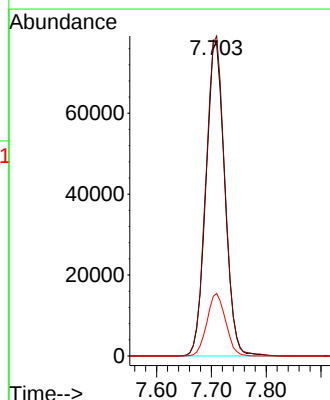
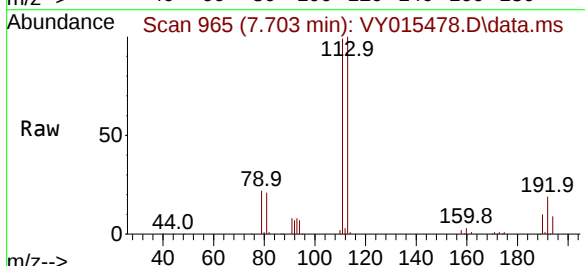
Tgt Ion:113 Resp: 184998

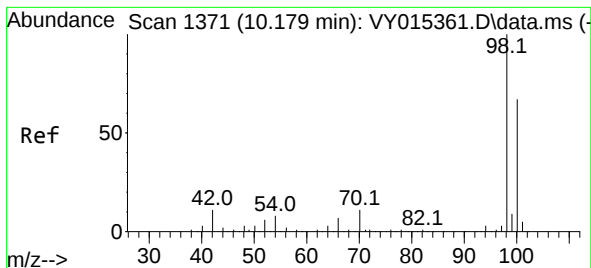
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 55.293 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015478.D

Acq: 07 Sep 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

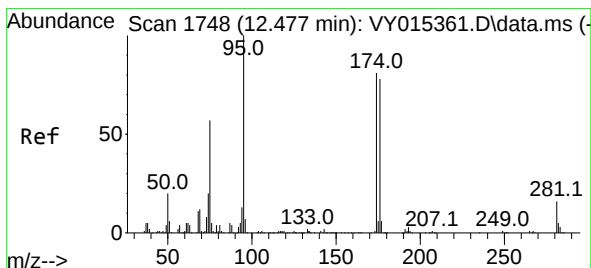
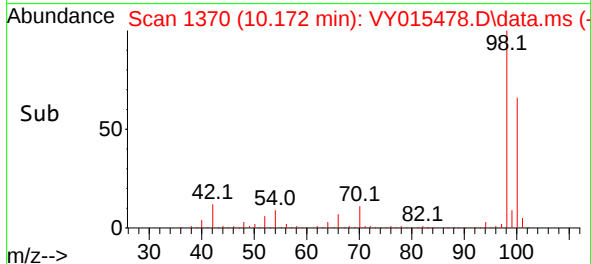
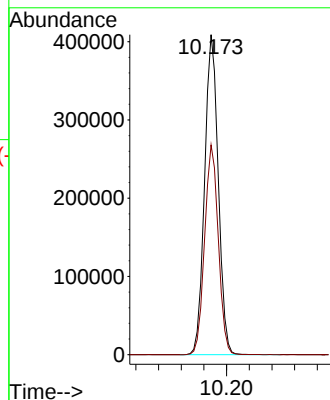
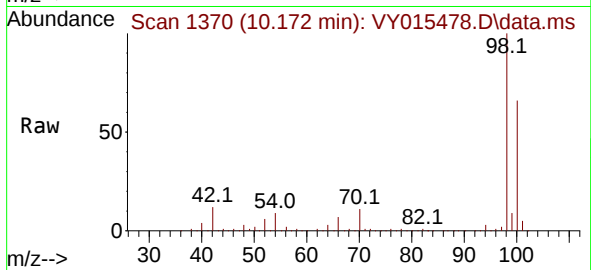
AREA-2

Tgt Ion: 98 Resp: 683281

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.360 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY015478.D

Acq: 07 Sep 2023 19:46

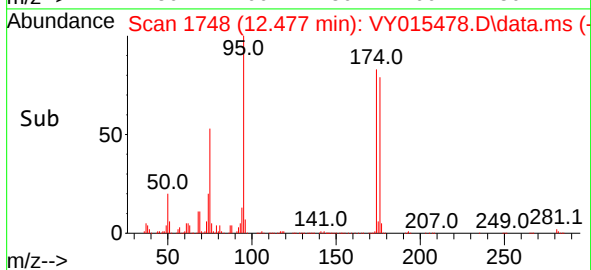
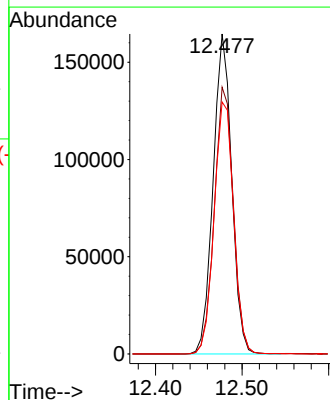
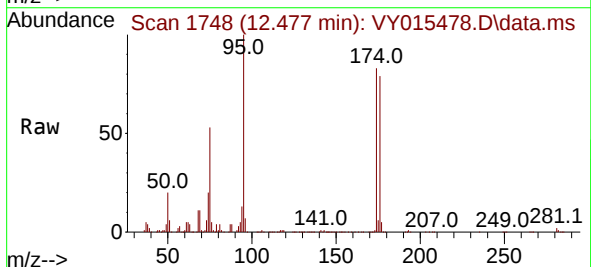
Tgt Ion: 95 Resp: 244792

Ion Ratio Lower Upper

95 100

174 85.6 0.0 178.2

176 82.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015478.D

Acq: 07 Sep 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

AREA-2

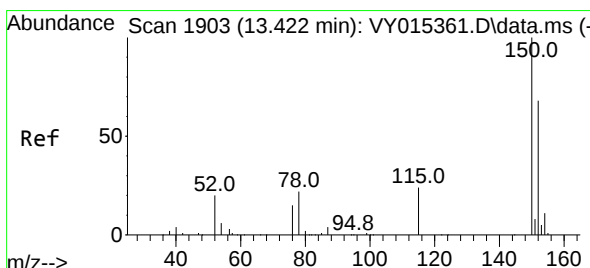
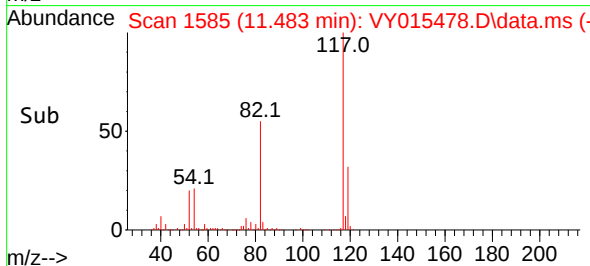
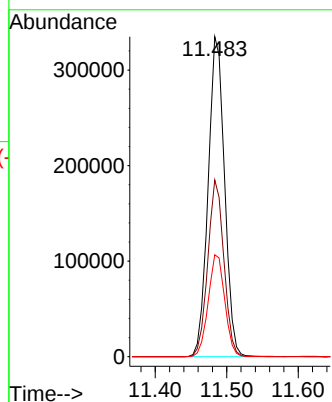
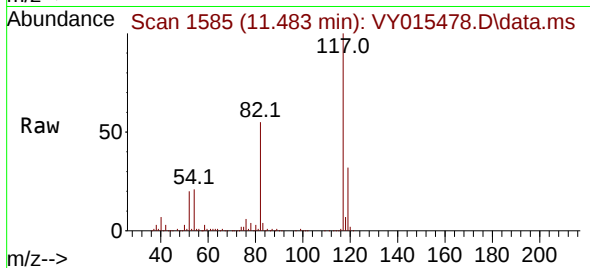
Tgt Ion:117 Resp: 533840

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015478.D

Acq: 07 Sep 2023 19:46

Tgt Ion:152 Resp: 265144

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 156.2 0.0 348.8

