

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015581.D
 Acq On : 15 Sep 2023 19:47
 Operator : SY/MD
 Sample : 04407-05
 Misc : 5.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 306-TP-9-(5-6)

Quant Time: Sep 15 23:01:07 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	7.789	168	303005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	516069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	466551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	190022	58.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.000%
35) Dibromofluoromethane	7.716	113	162133	54.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.100%
50) Toluene-d8	10.179	98	605748	56.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.540%
62) 4-Bromofluorobenzene	12.477	95	203374	50.893	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.780%

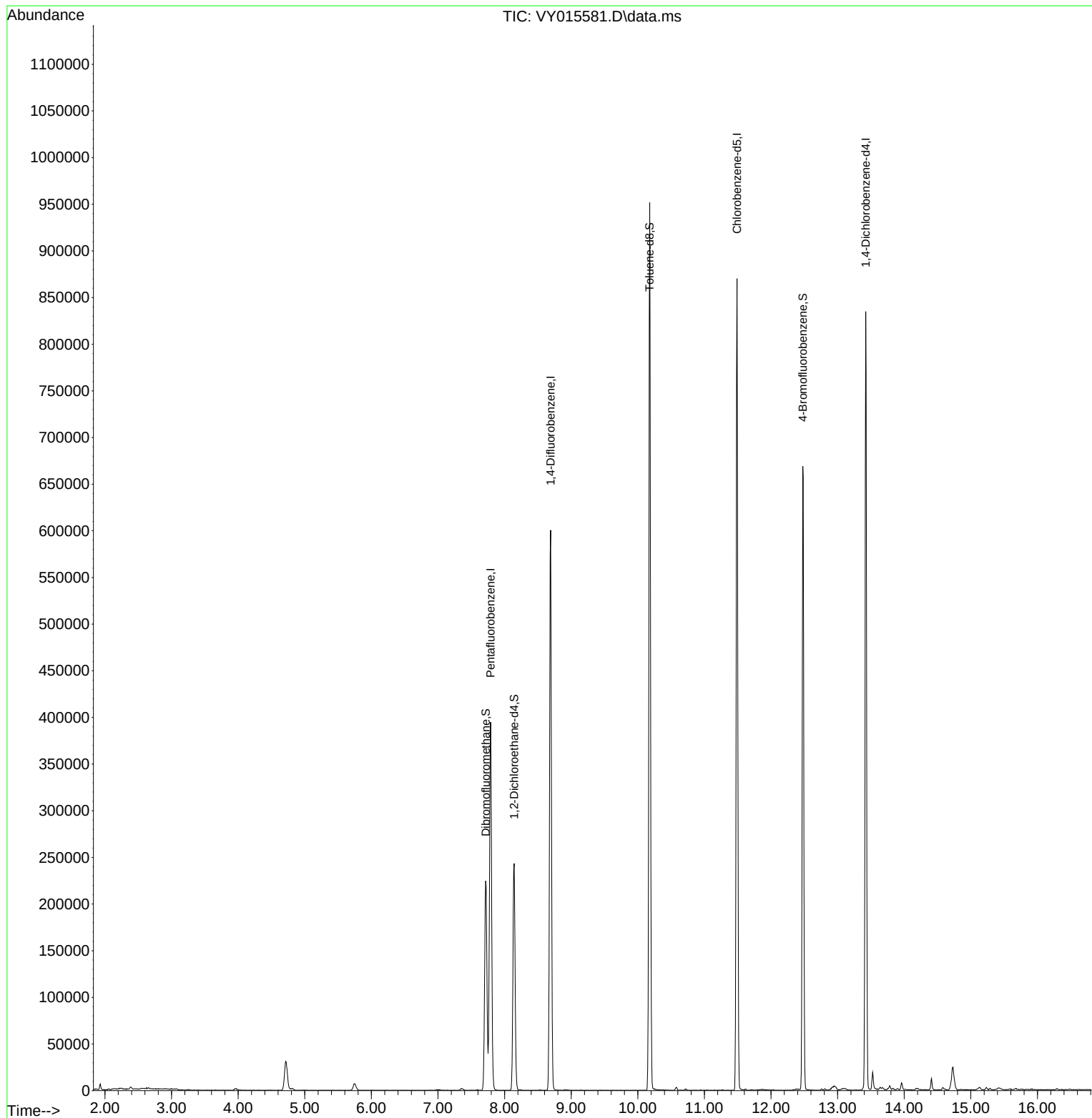
Target Compounds	Qvalue

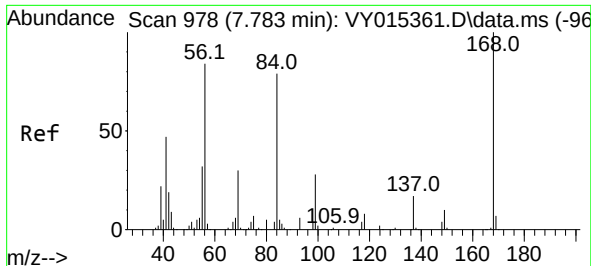
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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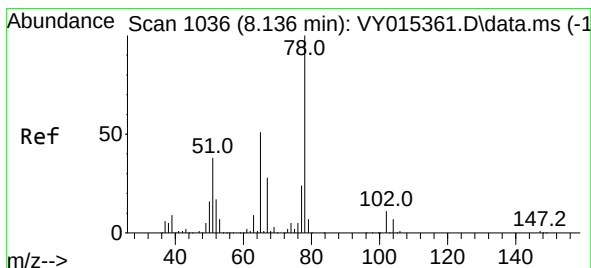
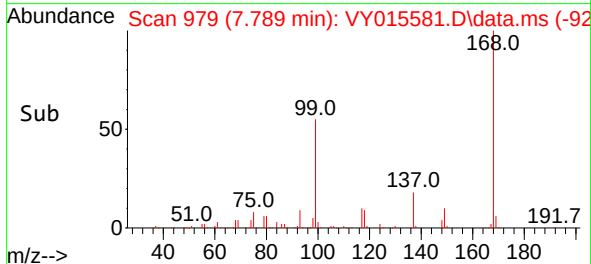
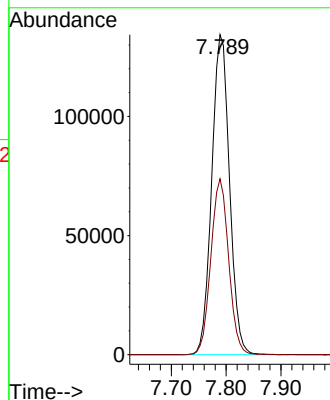
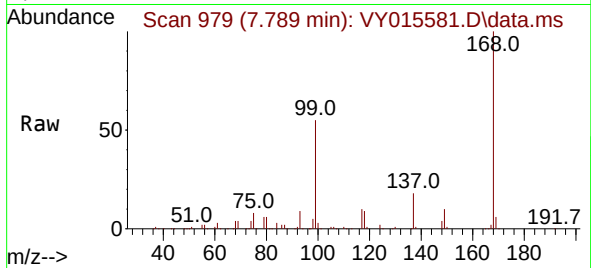




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015581.D
Acq: 15 Sep 2023 19:47

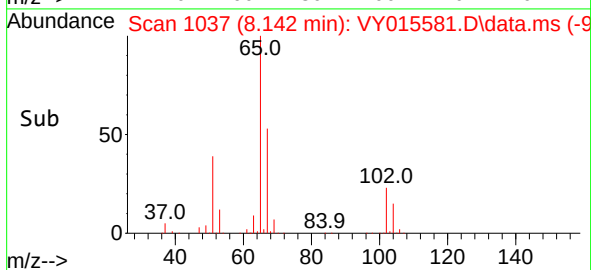
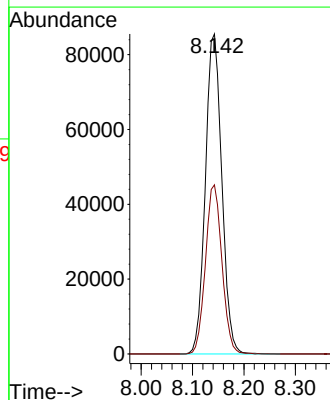
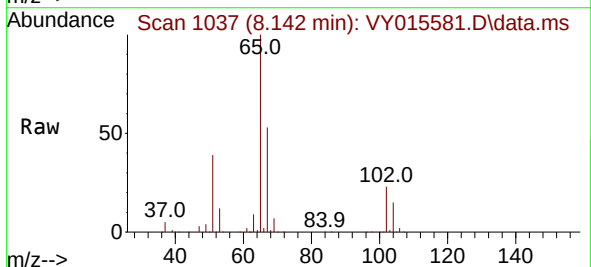
Instrument :
MSVOA_Y
ClientSampleId :
306-TP-9-(5-6)

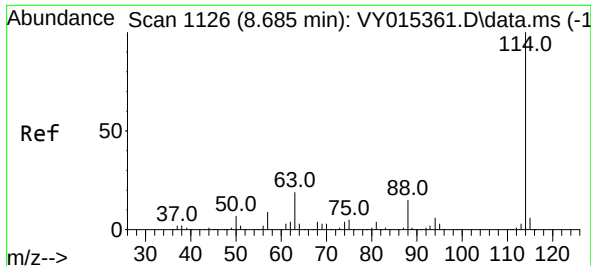
Tgt Ion:168 Resp: 303005
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.501 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015581.D
Acq: 15 Sep 2023 19:47

Tgt Ion: 65 Resp: 190022
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015581.D

Acq: 15 Sep 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

306-TP-9-(5-6)

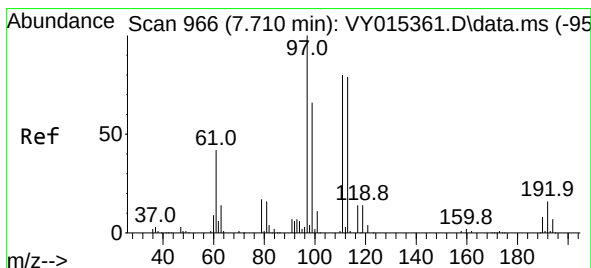
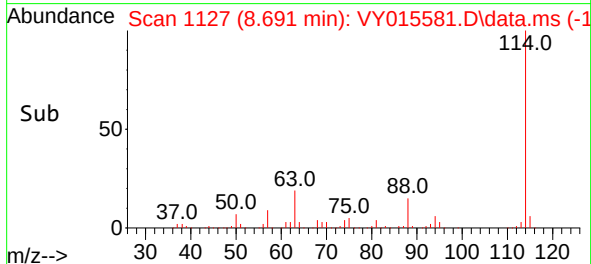
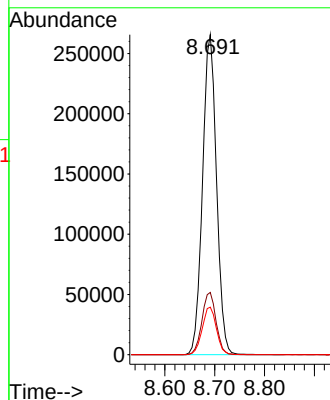
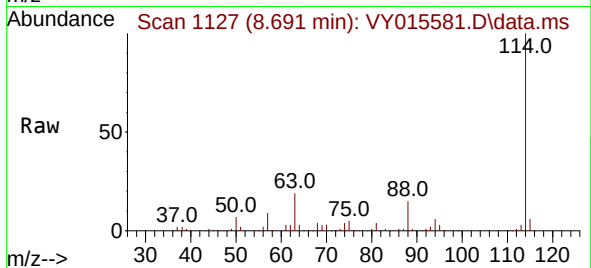
Tgt Ion:114 Resp: 516069

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.545 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015581.D

Acq: 15 Sep 2023 19:47

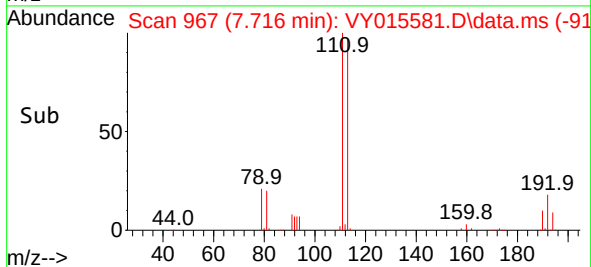
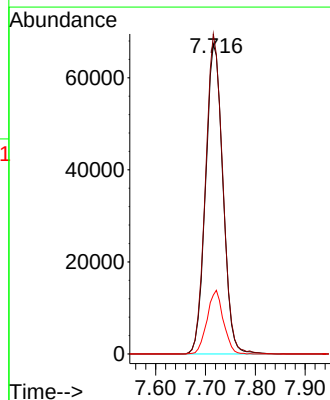
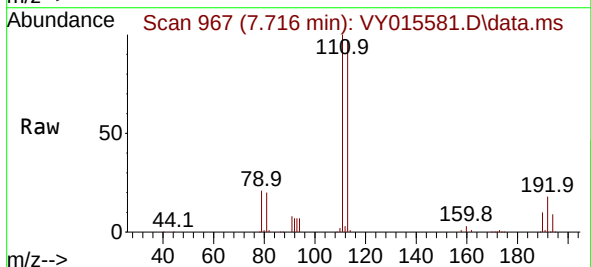
Tgt Ion:113 Resp: 162133

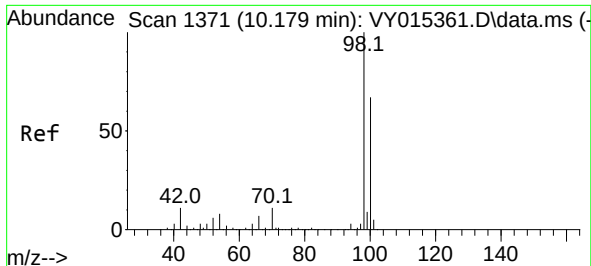
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.3 16.9 25.3

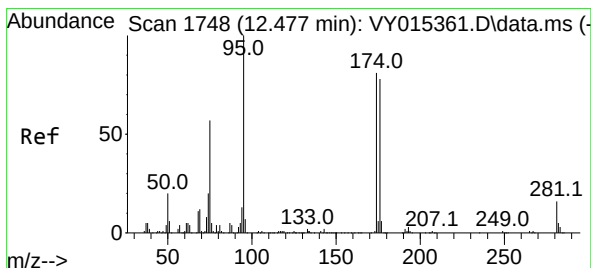
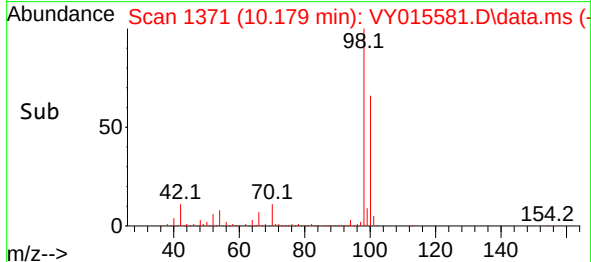
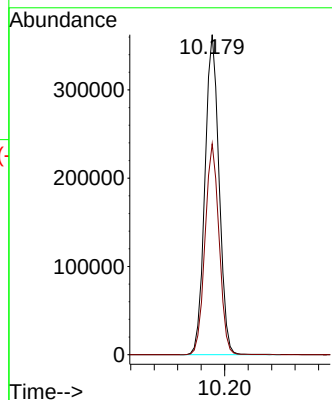
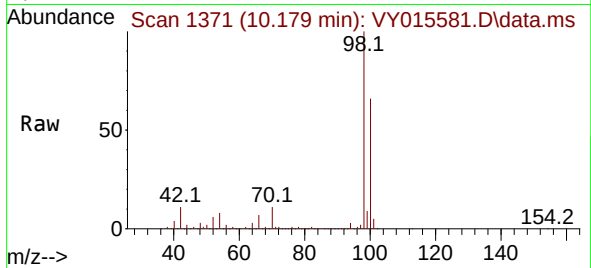




#50
Toluene-d8
Concen: 56.274 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015581.D
Acq: 15 Sep 2023 19:47

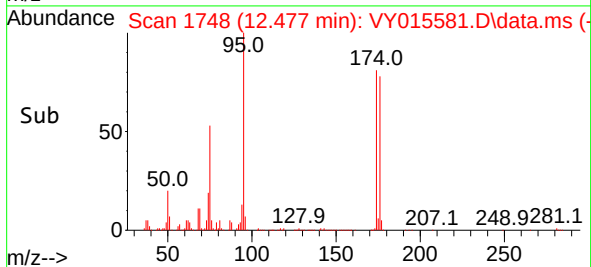
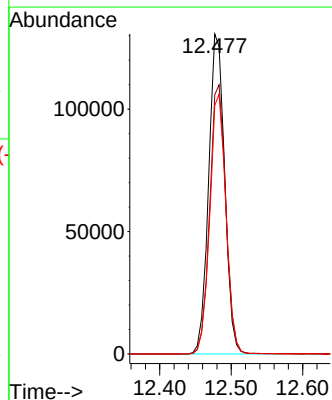
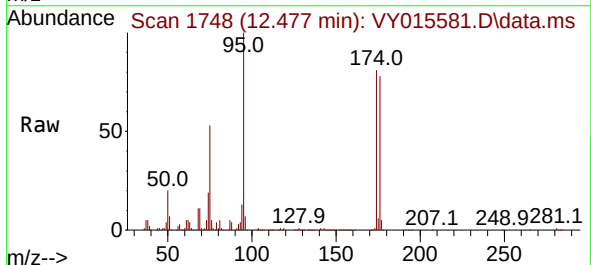
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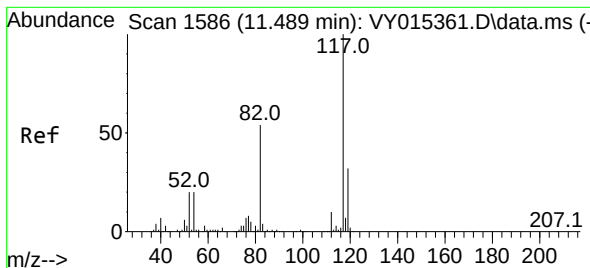
Tgt Ion: 98 Resp: 605748
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.893 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015581.D
Acq: 15 Sep 2023 19:47

Tgt Ion: 95 Resp: 203374
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015581.D

Acq: 15 Sep 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

306-TP-9-(5-6)

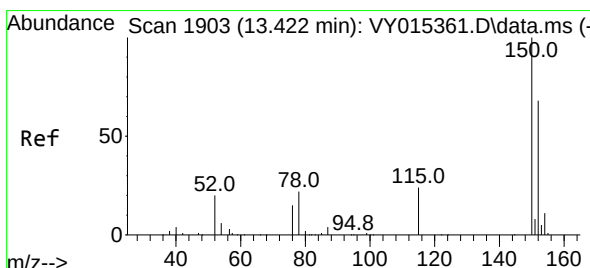
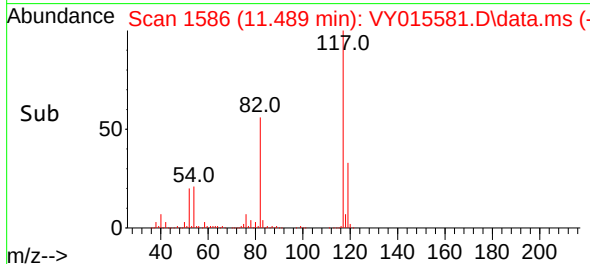
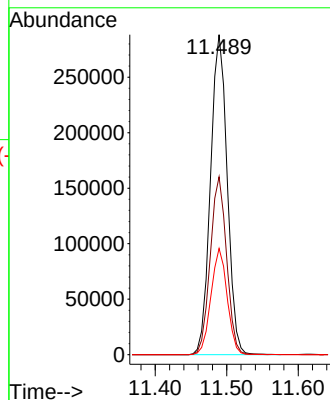
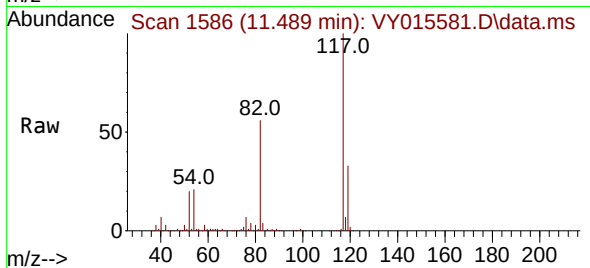
Tgt Ion:117 Resp: 466551

Ion Ratio Lower Upper

117 100

82 55.6 43.4 65.0

119 33.2 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: VY015581.D

Acq: 15 Sep 2023 19:47

Tgt Ion:152 Resp: 212914

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.2 0.0 348.8

