

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016133.D
 Acq On : 30 Oct 2023 15:01
 Operator : SY/MD
 Sample : 05108-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1023-C

Quant Time: Oct 31 01:30:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	143597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	222756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83531	58.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.000%
35) Dibromofluoromethane	7.716	113	77790	51.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.400%
50) Toluene-d8	10.185	98	280710	49.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.483	95	96291	49.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.760%

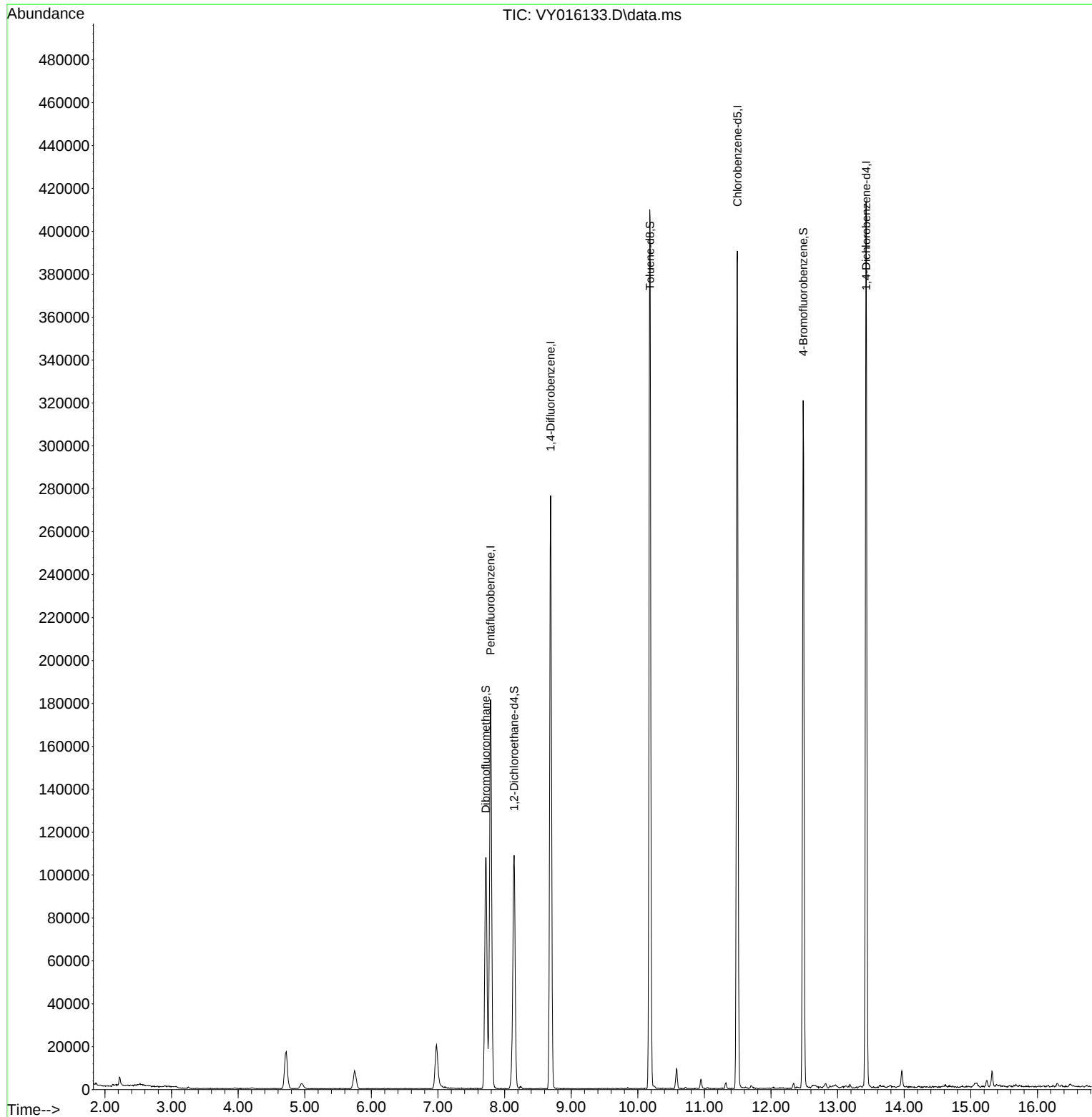
Target Compounds	Qvalue

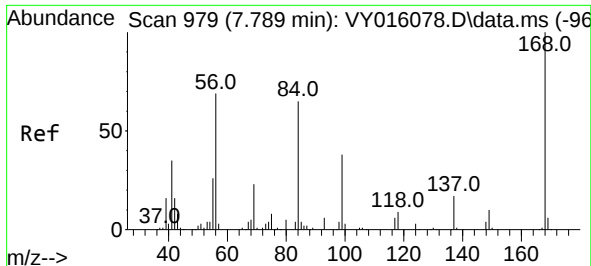
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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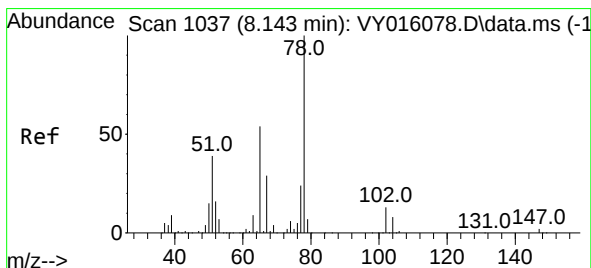
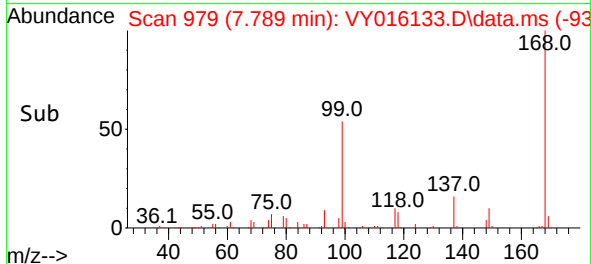
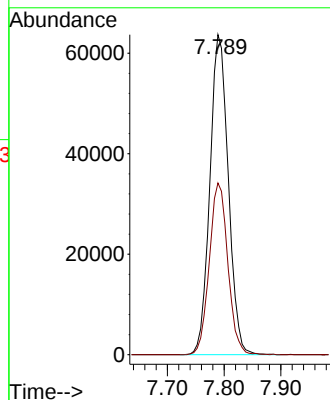
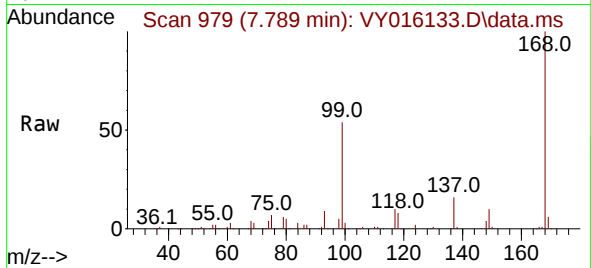




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

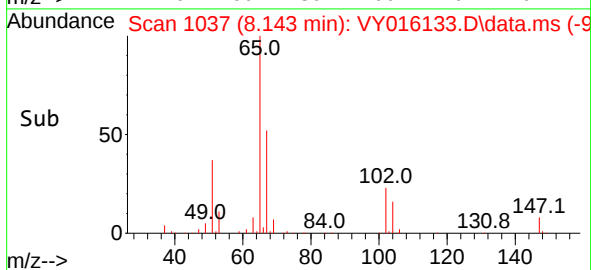
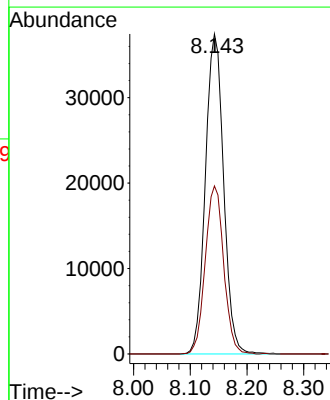
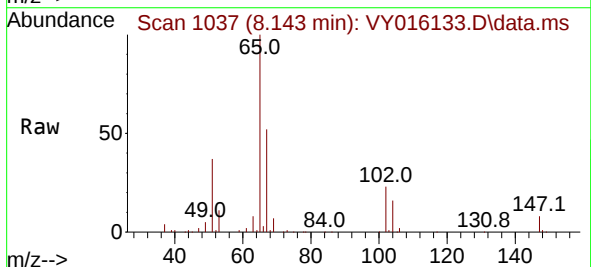
Instrument :
MSVOA_Y
ClientSampleId :
1023-C

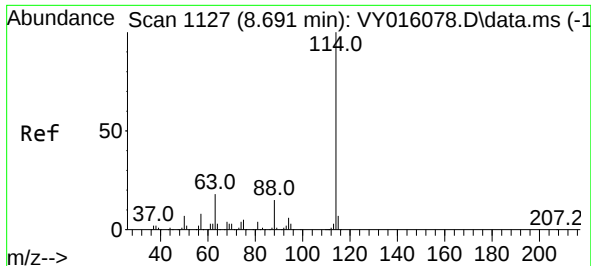
Tgt Ion:168 Resp: 143597
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.500 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

Tgt Ion: 65 Resp: 83531
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016133.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

1023-C

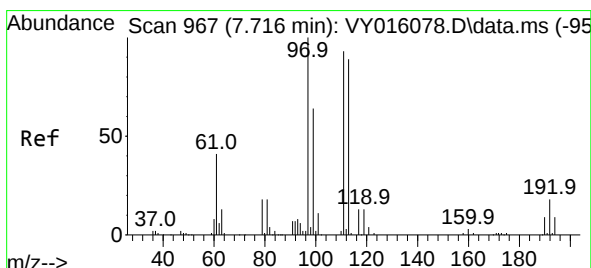
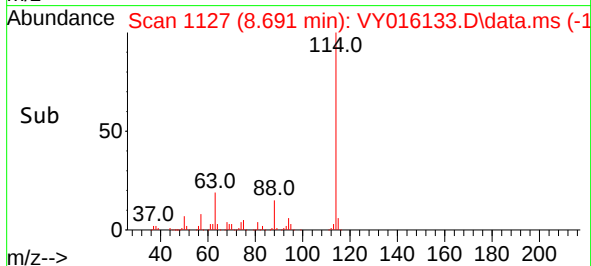
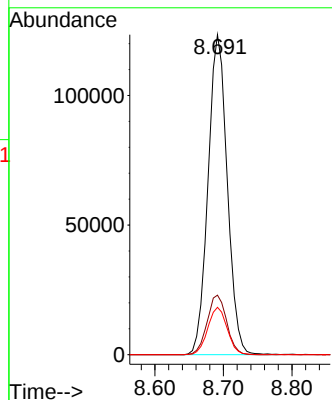
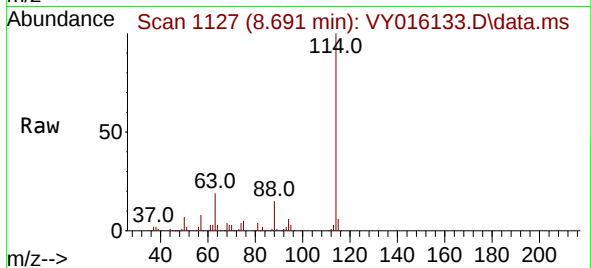
Tgt Ion:114 Resp: 240685

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.197 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY016133.D

Acq: 30 Oct 2023 15:01

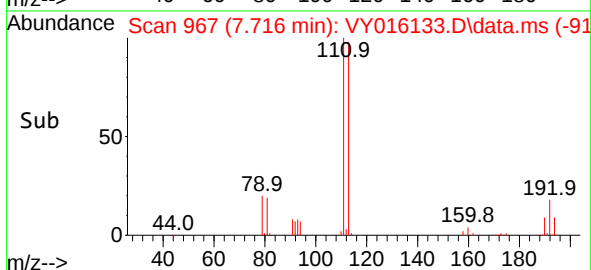
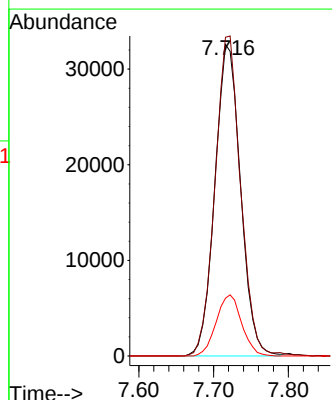
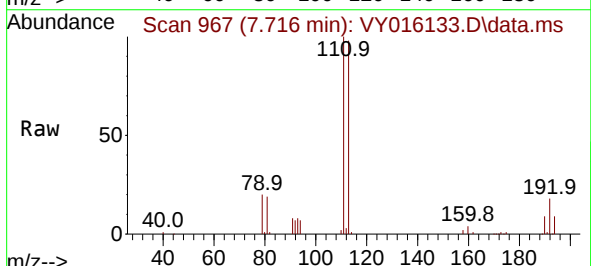
Tgt Ion:113 Resp: 77790

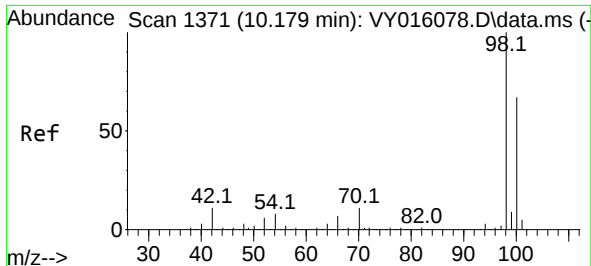
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.5 16.9 25.3

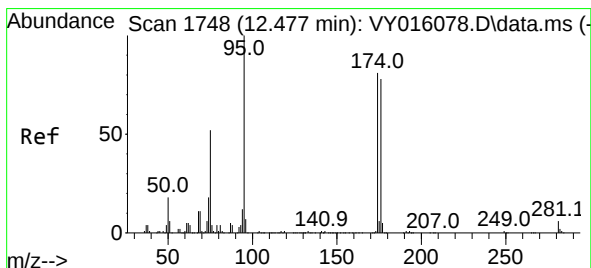
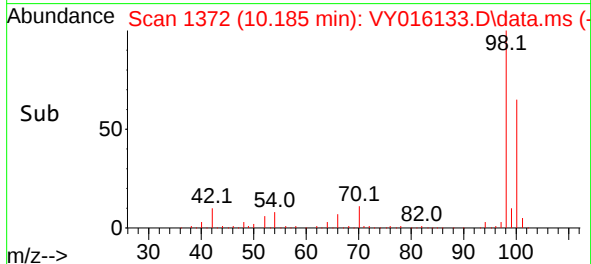
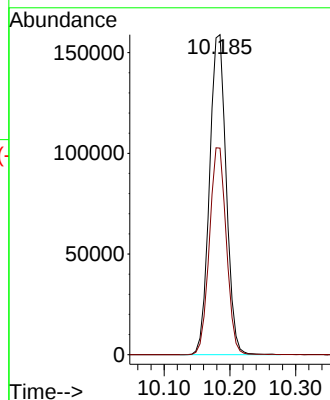
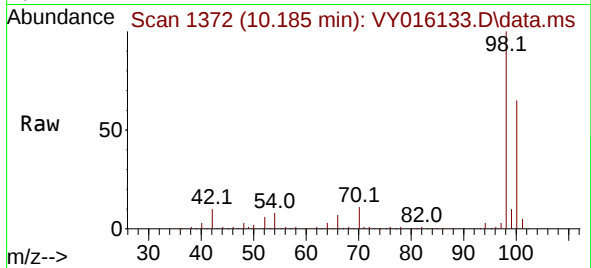




#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

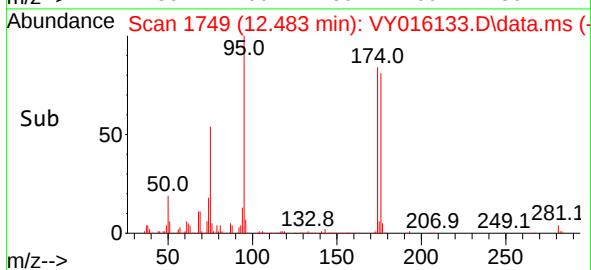
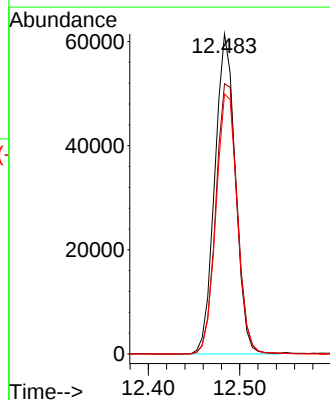
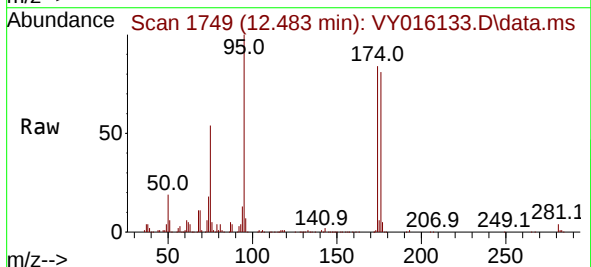
Instrument :
MSVOA_Y
ClientSampleId :
1023-C

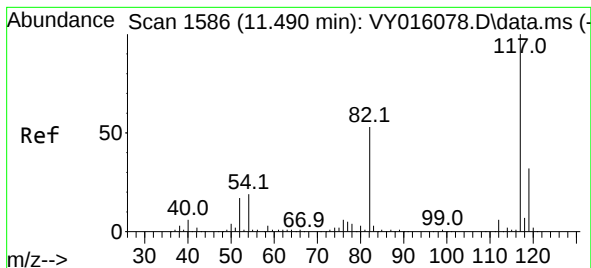
Tgt Ion: 98 Resp: 280710
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.876 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016133.D
Acq: 30 Oct 2023 15:01

Tgt Ion: 95 Resp: 96291
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 84.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016133.D

Acq: 30 Oct 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

1023-C

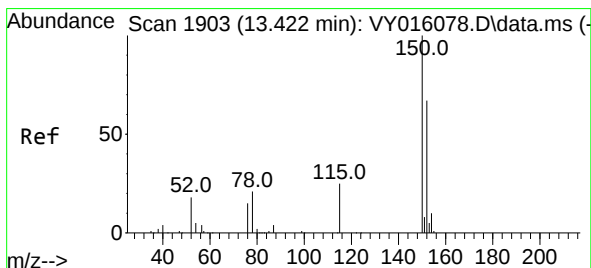
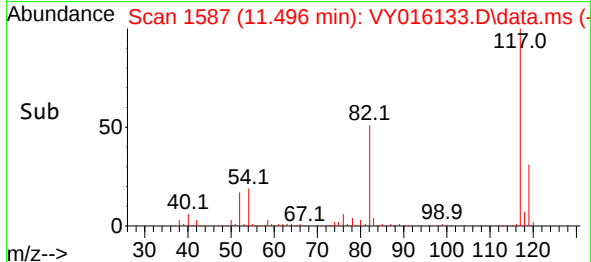
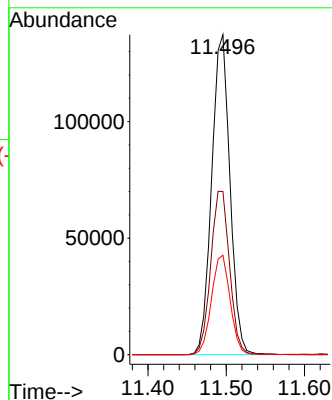
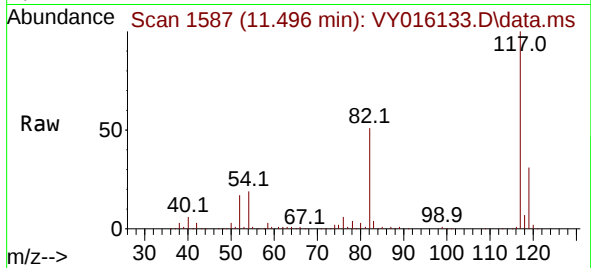
Tgt Ion:117 Resp: 222756

Ion Ratio Lower Upper

117 100

82 51.0 43.4 65.0

119 31.1 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: VY016133.D

Acq: 30 Oct 2023 15:01

Tgt Ion:152 Resp: 105975

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.7 0.0 348.8

