

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016089.D
 Acq On : 26 Oct 2023 19:53
 Operator : SY/MD
 Sample : 05050-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4

Quant Time: Oct 27 04:21:54 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	35693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	59679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	55081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	21821	61.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.960%
35) Dibromofluoromethane	7.716	113	20486	54.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.760%
50) Toluene-d8	10.179	98	69712	49.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.483	95	21818	45.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.160%

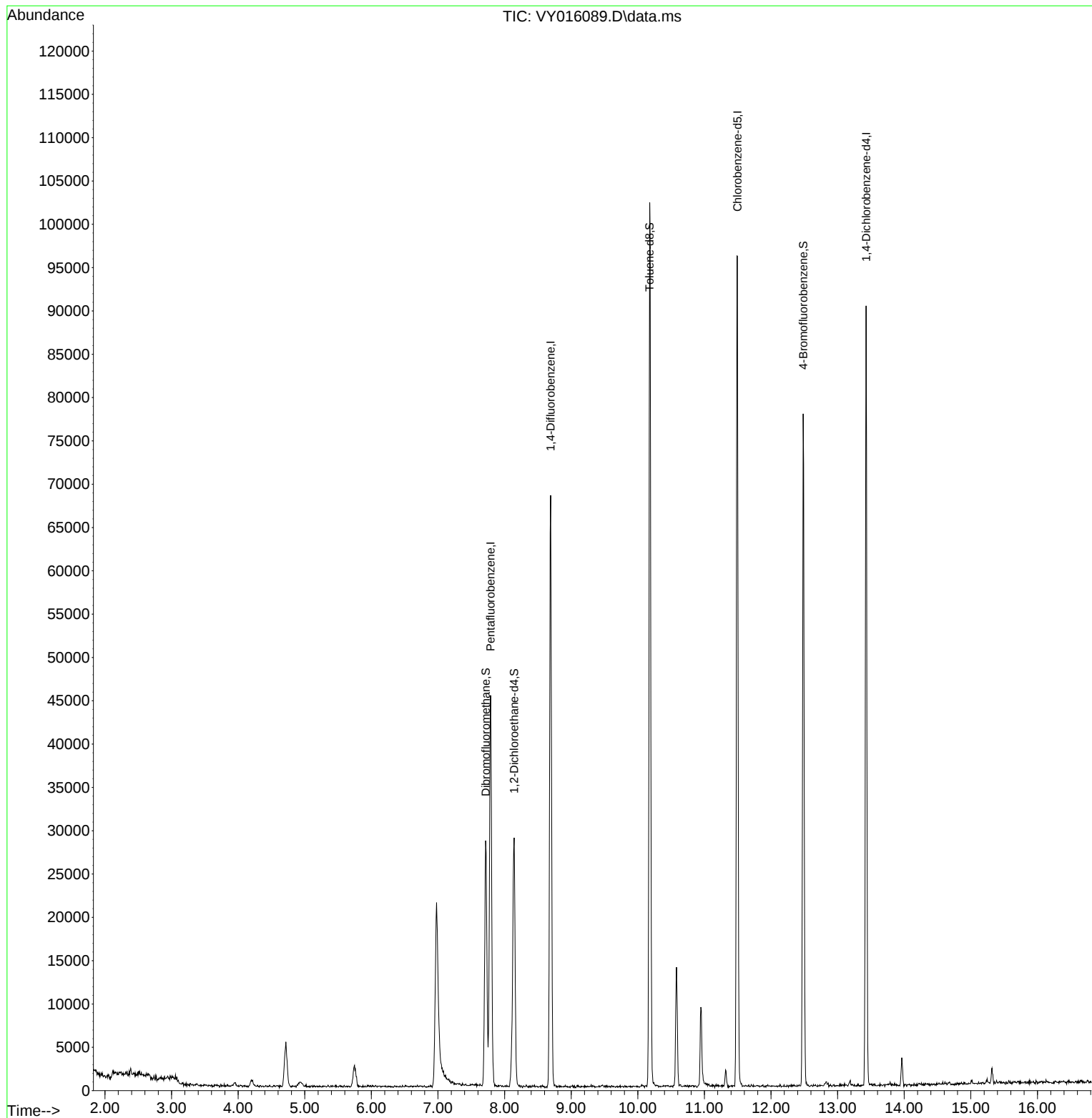
Target Compounds	Qvalue

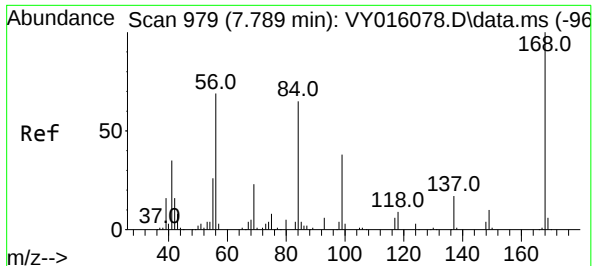
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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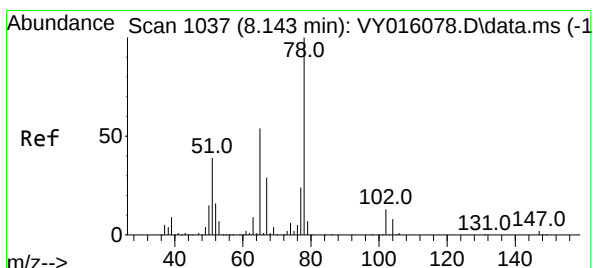
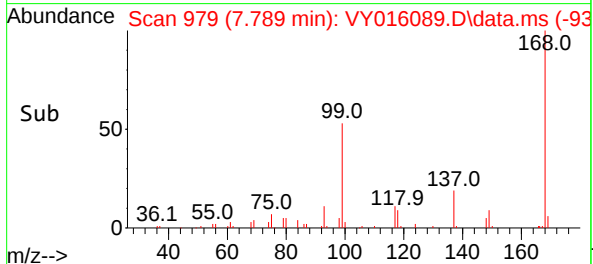
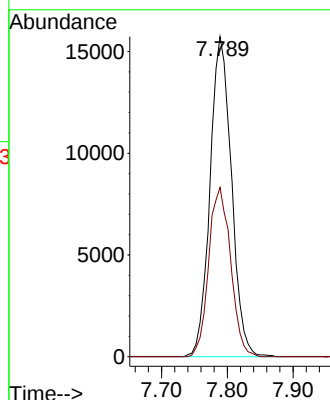
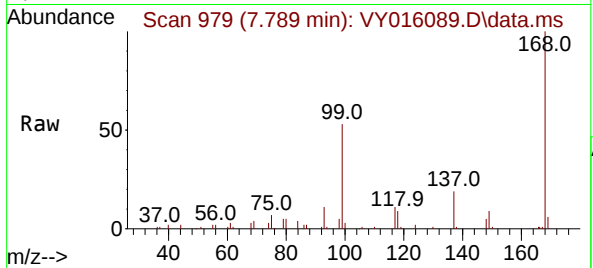




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

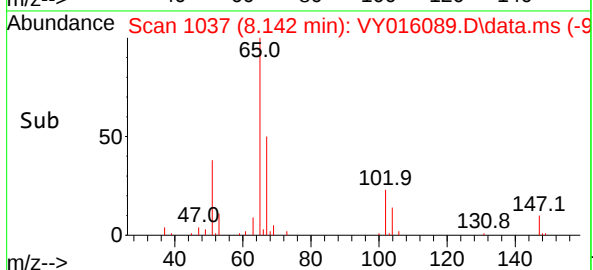
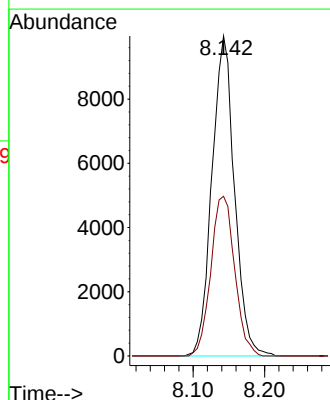
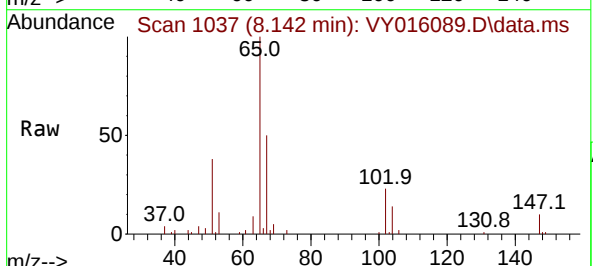
Instrument :
MSVOA_Y
ClientSampleId :
B4

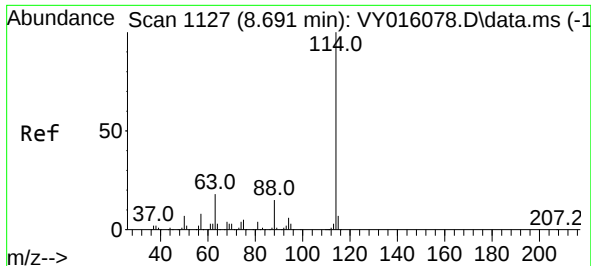
Tgt Ion:168 Resp: 35693
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.482 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016089.D
Acq: 26 Oct 2023 19:53

Tgt Ion: 65 Resp: 21821
Ion Ratio Lower Upper
65 100
67 52.7 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: VY016089.D

Acq: 26 Oct 2023 19:53

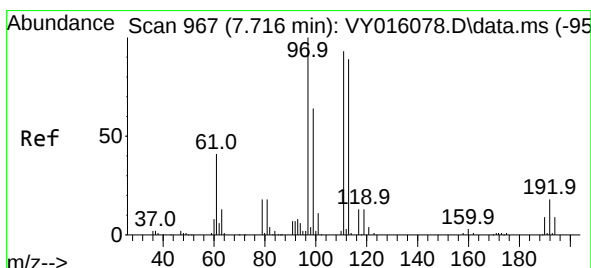
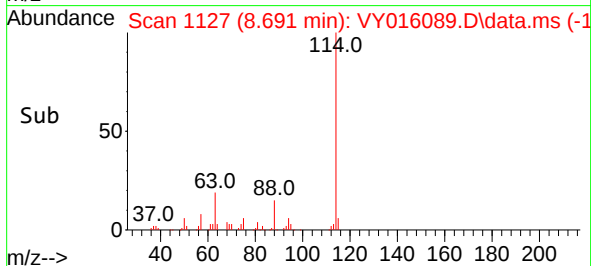
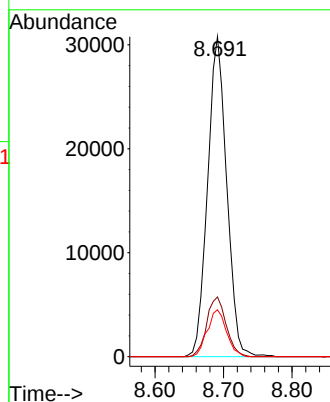
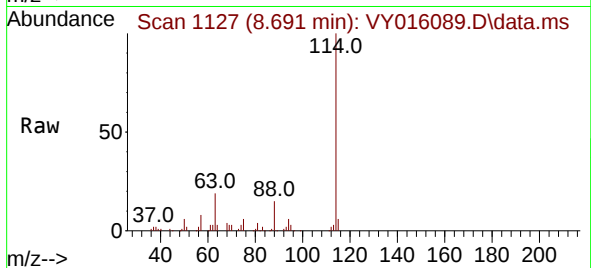
Instrument :

MSVOA_Y

ClientSampleId :

B4

Tgt Ion:114	Resp:	59679
Ion	Ratio	Lower Upper
114	100	
63	18.6	0.0 42.4
88	14.7	0.0 30.6



#35

Dibromofluoromethane

Concen: 54.375 ug/l

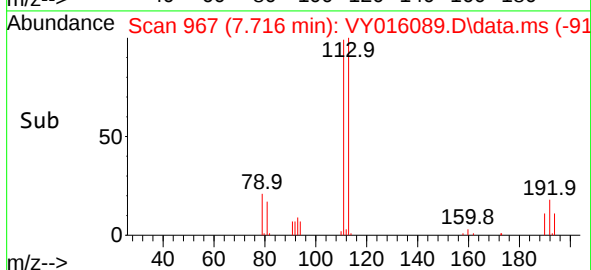
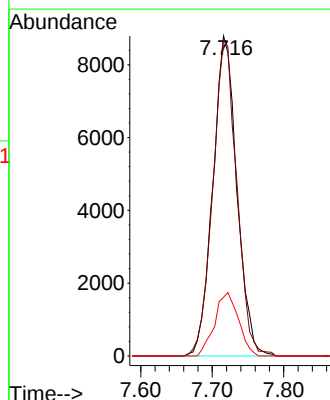
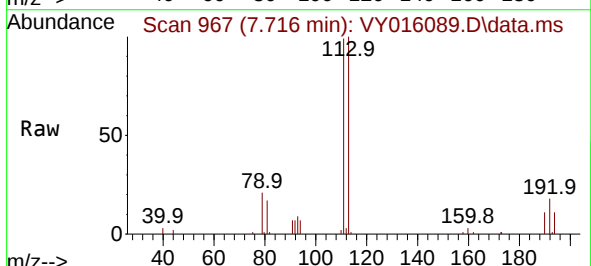
RT: 7.716 min Scan# 967

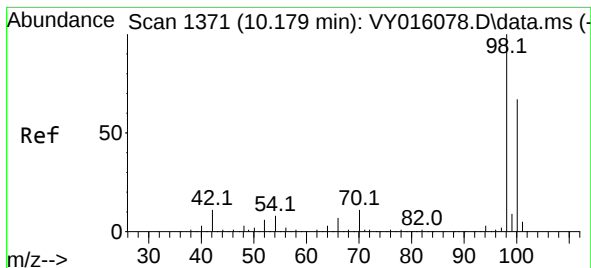
Delta R.T. -0.000 min

Lab File: VY016089.D

Acq: 26 Oct 2023 19:53

Tgt Ion:113	Resp:	20486
Ion	Ratio	Lower Upper
113	100	
111	98.5	81.3 121.9
192	19.6	16.9 25.3





#50

Toluene-d8

Concen: 49.953 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016089.D

Acq: 26 Oct 2023 19:53

Instrument :

MSVOA_Y

ClientSampleId :

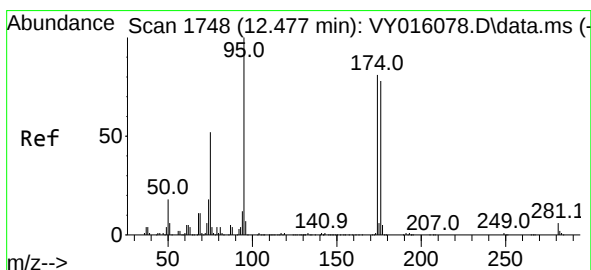
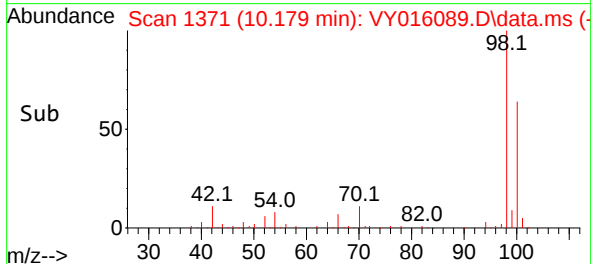
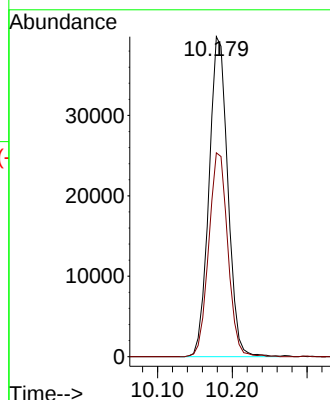
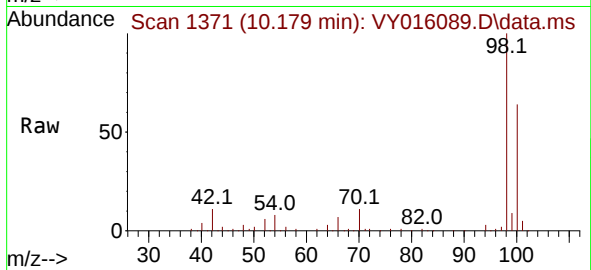
B4

Tgt Ion: 98 Resp: 69712

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 45.577 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016089.D

Acq: 26 Oct 2023 19:53

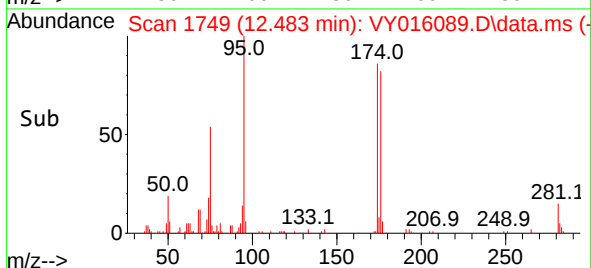
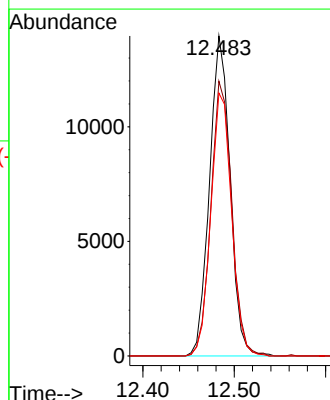
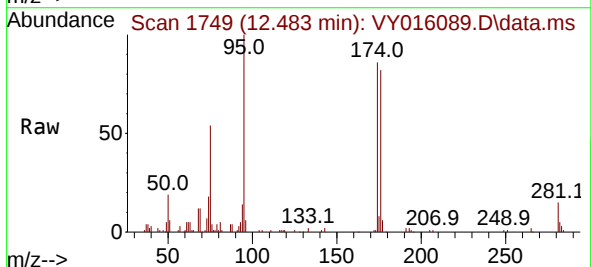
Tgt Ion: 95 Resp: 21818

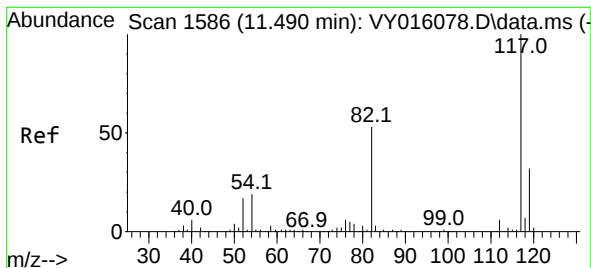
Ion Ratio Lower Upper

95 100

174 87.0 0.0 178.2

176 83.1 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: VY016089.D

Acq: 26 Oct 2023 19:53

Instrument :

MSVOA_Y

ClientSampleId :

B4

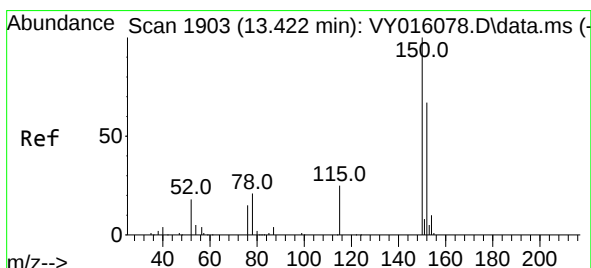
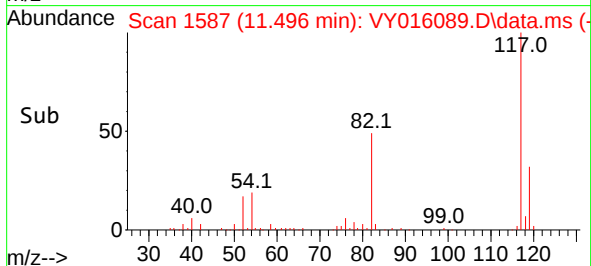
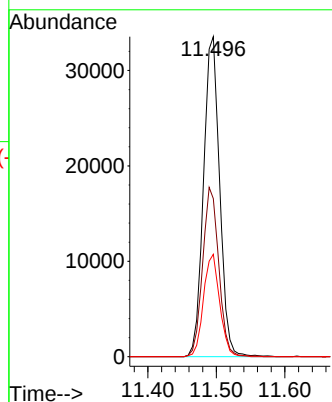
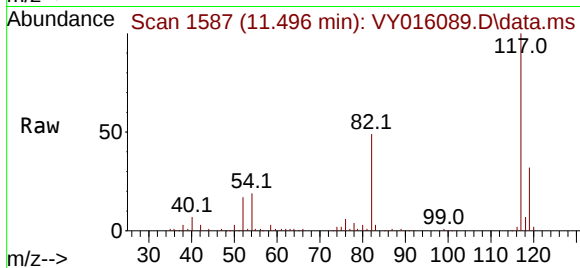
Tgt Ion:117 Resp: 55081

Ion Ratio Lower Upper

117 100

82 49.4 43.4 65.0

119 32.0 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: VY016089.D

Acq: 26 Oct 2023 19:53

Tgt Ion:152 Resp: 23395

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 156.0 0.0 348.8

