

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014066.D
 Acq On : 07 Jun 2023 17:39
 Operator : KP/MD
 Sample : 03044-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5.0-7.0-DUPRE

Quant Time: Jun 08 02:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	24595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	32191	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.490	117	24401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9555	29.348	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	58.700%
35) Dibromofluoromethane	7.722	113	10463	51.144	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.179	98	37856	48.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.483	95	7770	29.207	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.420%

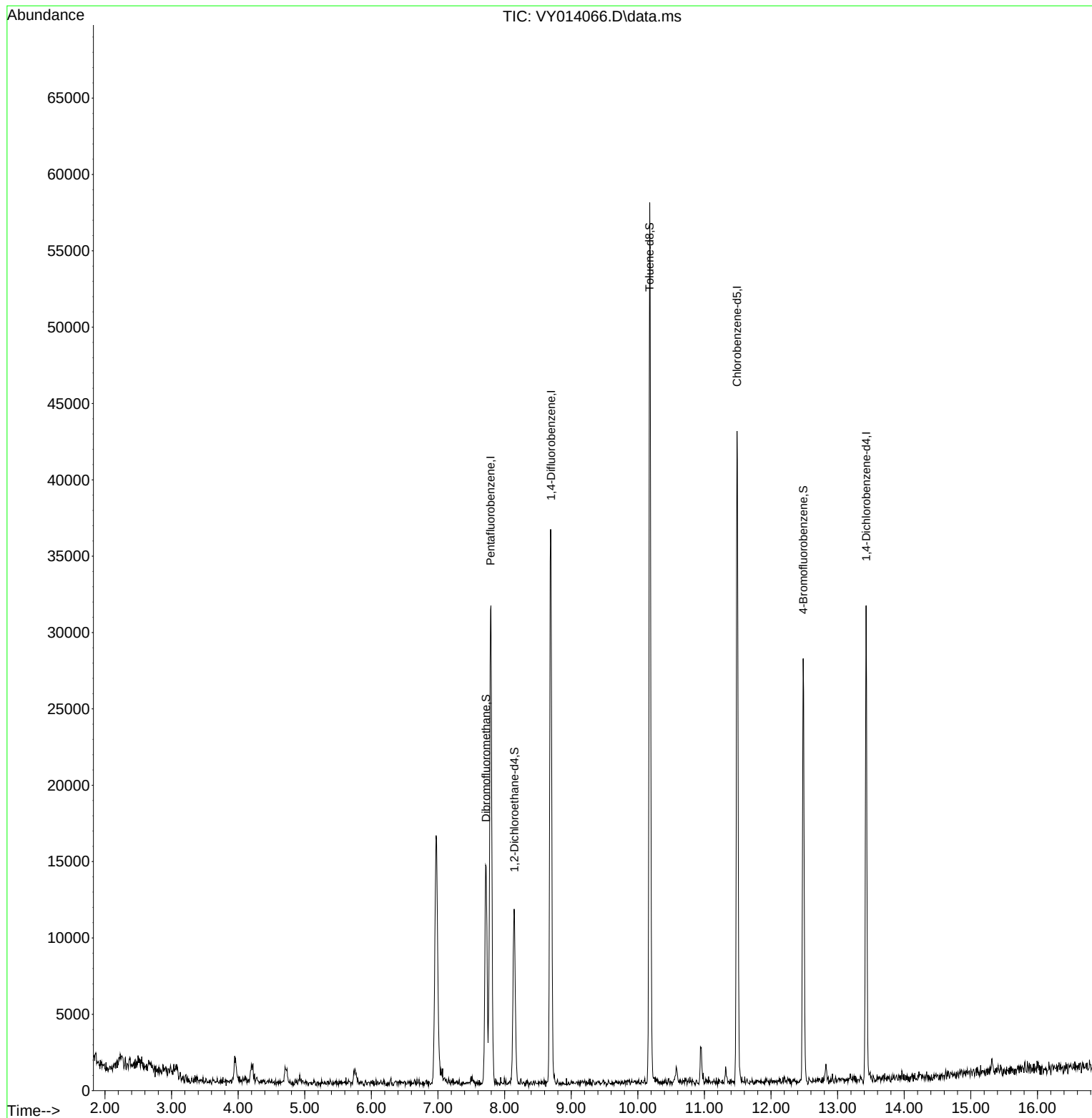
Target Compounds	Qvalue

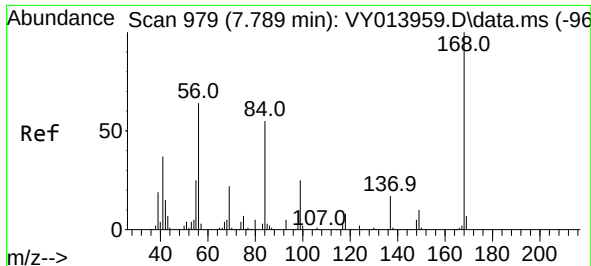
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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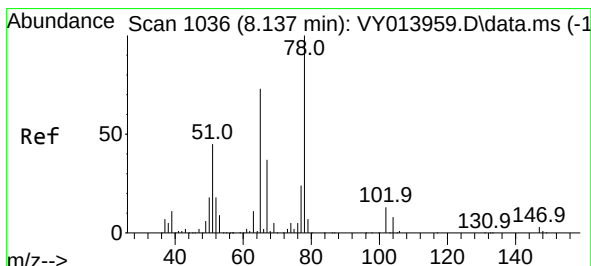
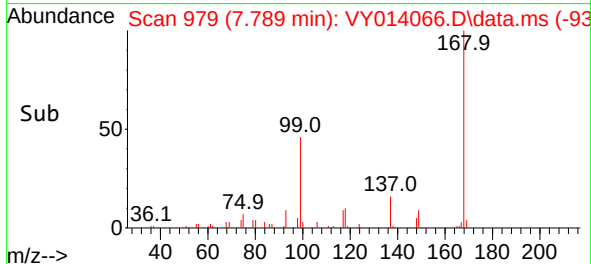
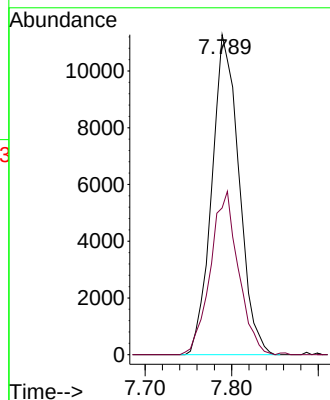
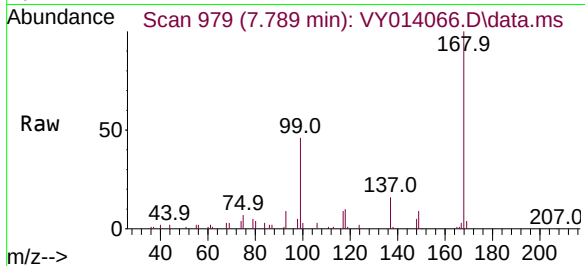




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014066.D
Acq: 07 Jun 2023 17:39

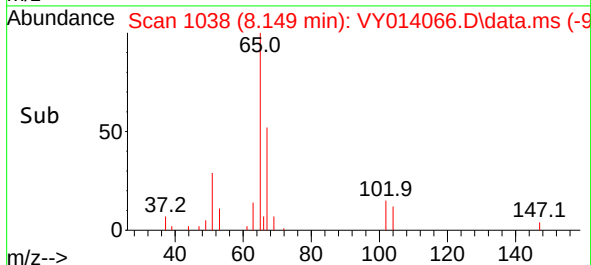
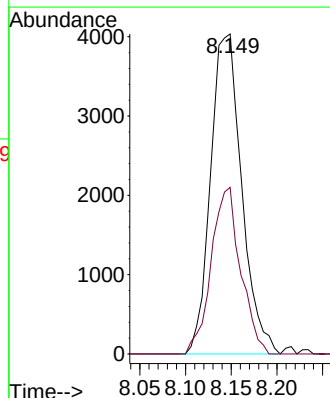
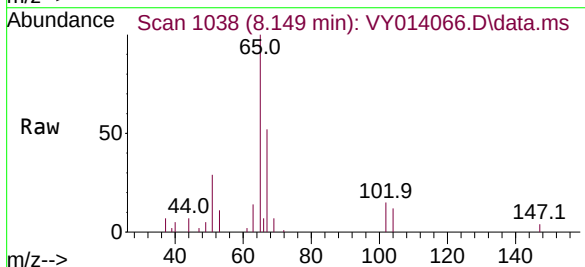
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.0-7.0-DUPRE

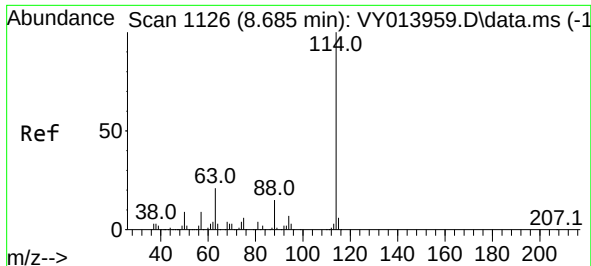
Tgt Ion:168 Resp: 24595
Ion Ratio Lower Upper
168 100
99 45.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 29.348 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014066.D
Acq: 07 Jun 2023 17:39

Tgt Ion: 65 Resp: 9555
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.8

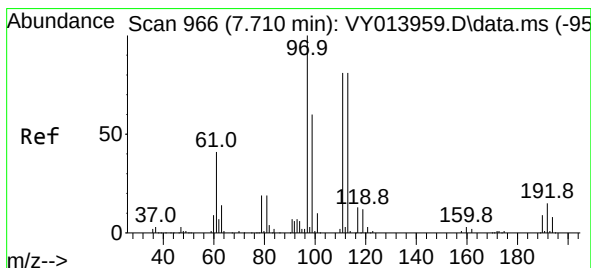
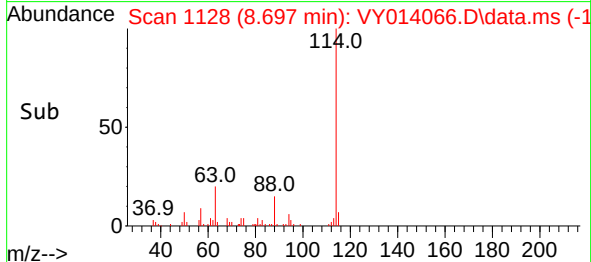
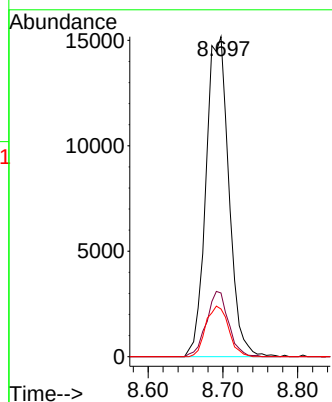
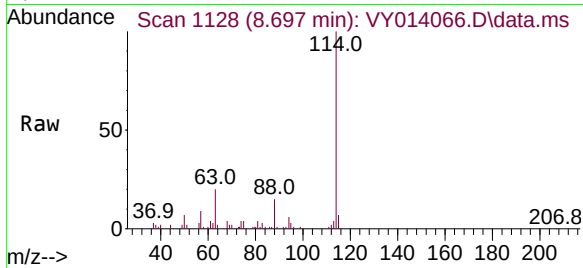




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY014066.D
Acq: 07 Jun 2023 17:39

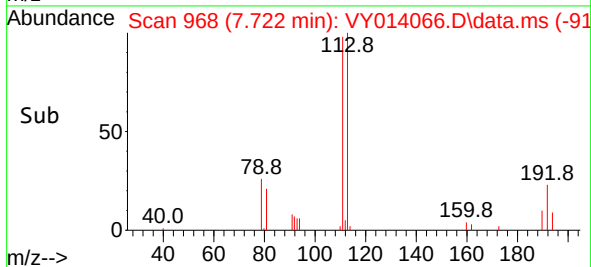
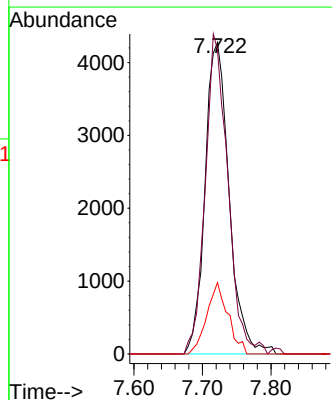
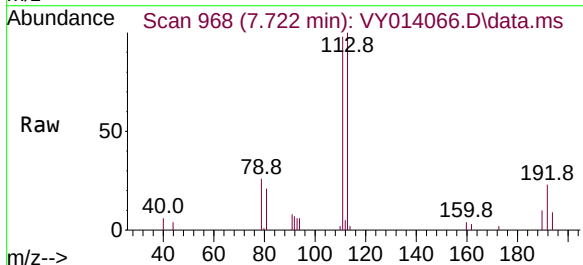
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.0-7.0-DUPRE

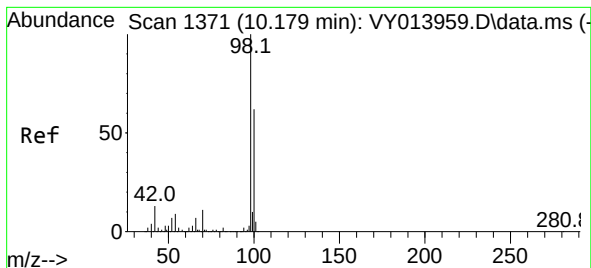
Tgt Ion:	114	Resp:	32191
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.144 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY014066.D
Acq: 07 Jun 2023 17:39

Tgt Ion:	113	Resp:	10463
Ion	Ratio	Lower	Upper
113	100		
111	96.3	81.3	121.9
192	20.1	16.9	25.3

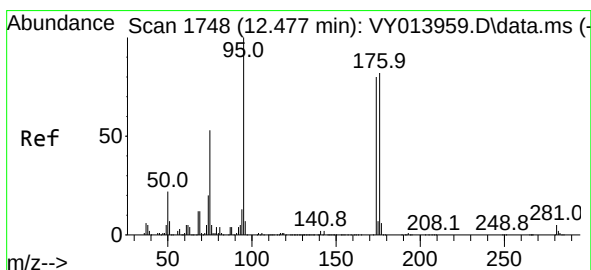
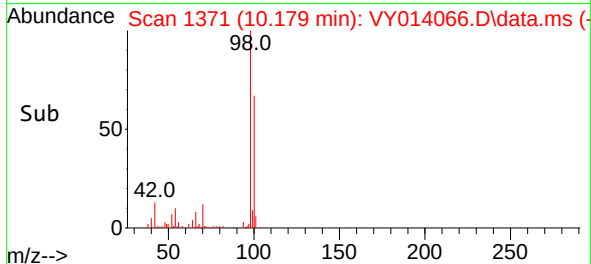
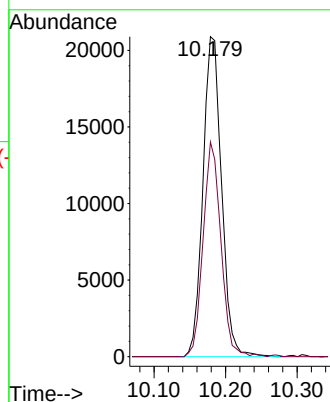
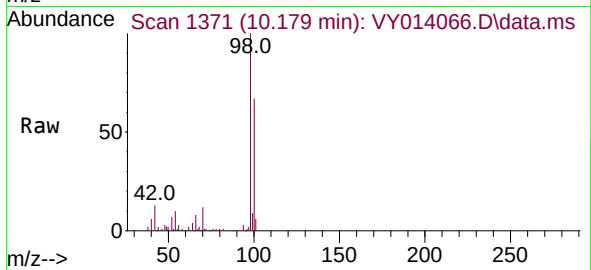




#50
Toluene-d8
Concen: 48.512 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014066.D
Acq: 07 Jun 2023 17:39

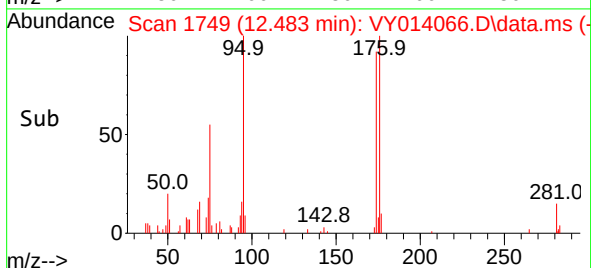
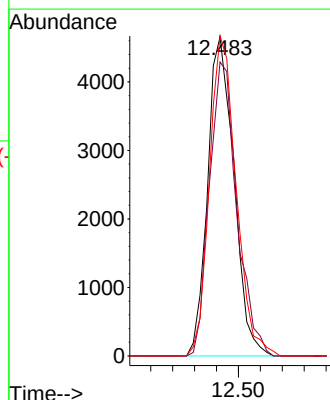
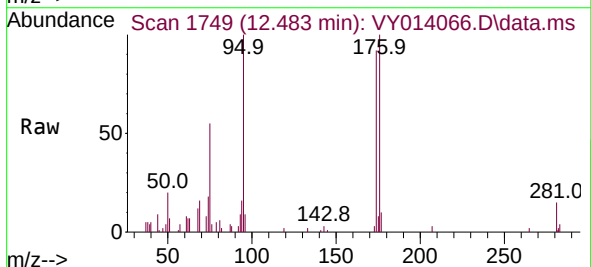
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.0-7.0-DUPRE

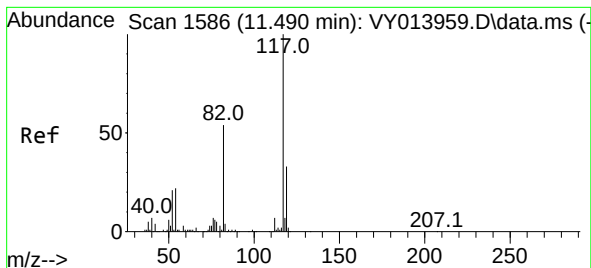
Tgt Ion: 98 Resp: 37856
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 29.207 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014066.D
Acq: 07 Jun 2023 17:39

Tgt Ion: 95 Resp: 7770
Ion Ratio Lower Upper
95 100
174 95.9 0.0 178.2
176 101.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014066.D

Acq: 07 Jun 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-5.0-7.0-DUPRE

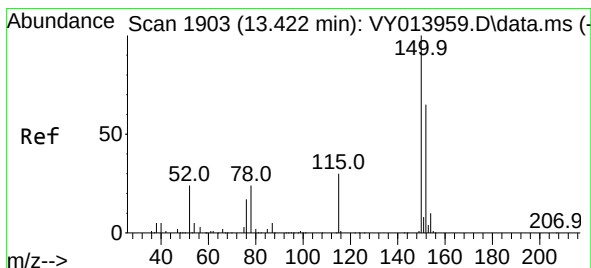
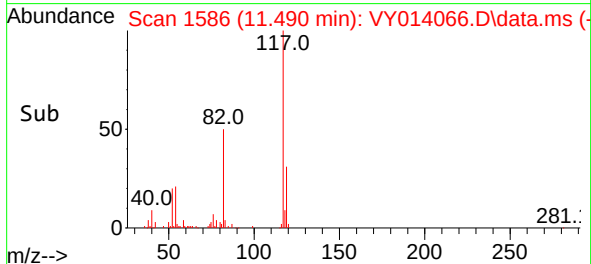
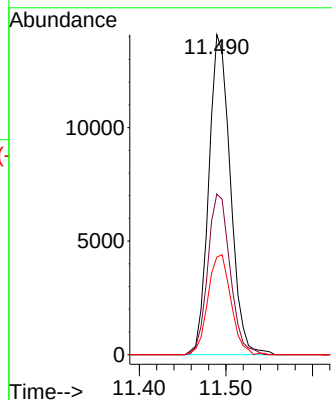
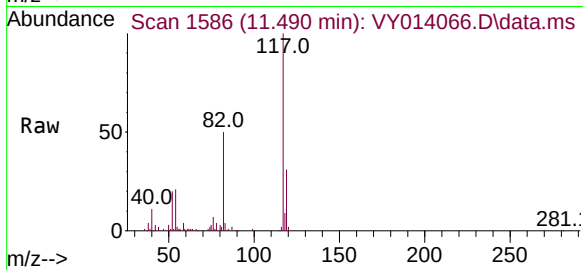
Tgt Ion:117 Resp: 24401

Ion Ratio Lower Upper

117 100

82 50.2 43.4 65.0

119 30.5 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: VY014066.D

Acq: 07 Jun 2023 17:39

Tgt Ion:152 Resp: 8395

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 154.0 0.0 348.8

