

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014039.D
 Acq On : 06 Jun 2023 18:33
 Operator : KP/MD
 Sample : 03044-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Jun 07 01:41:42 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	62947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	99465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	99386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	41962	50.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.720%
35) Dibromofluoromethane	7.716	113	35783	56.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.220%
50) Toluene-d8	10.179	98	122675	50.878	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.483	95	37220	45.280	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.560%

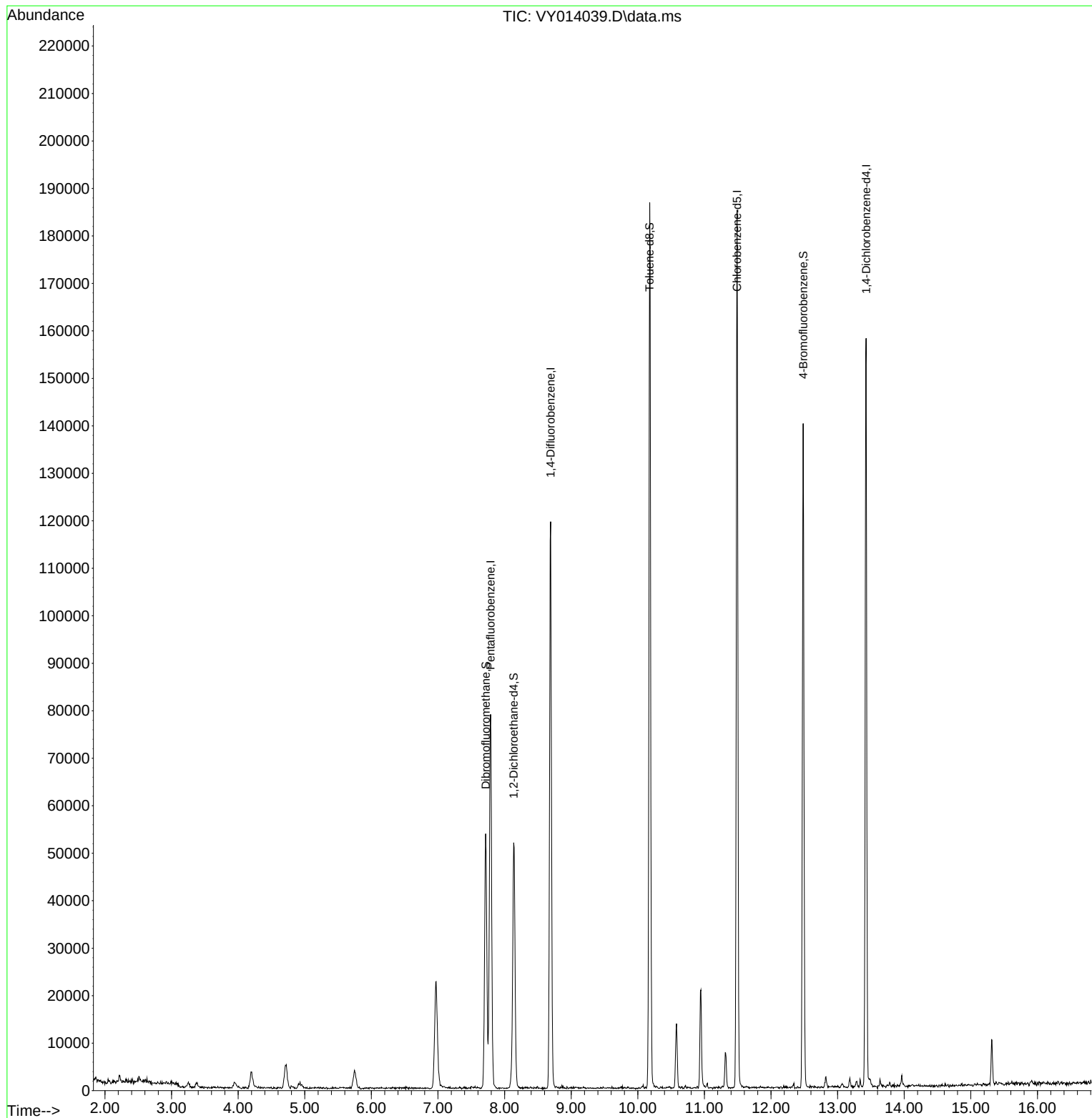
Target Compounds	Qvalue

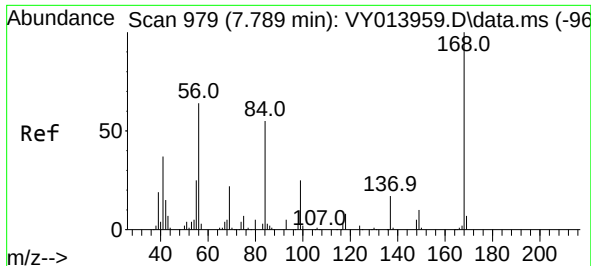
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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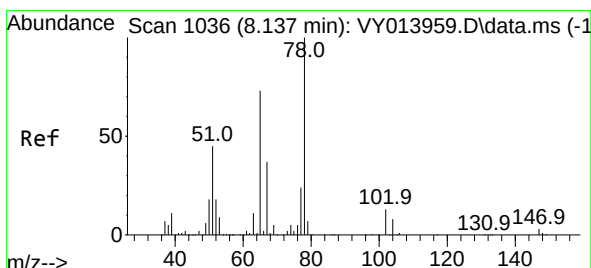
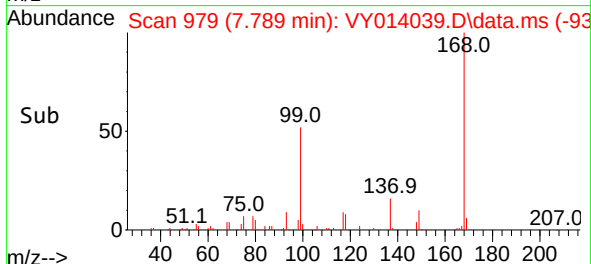
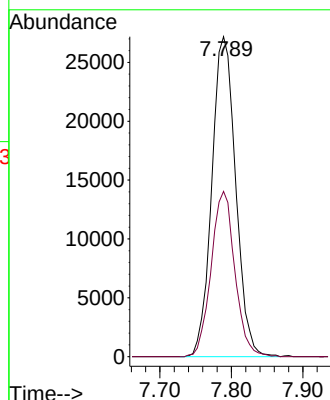
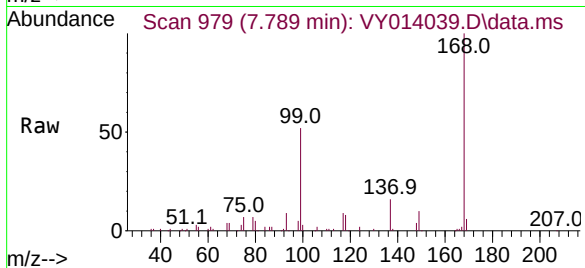




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014039.D
Acq: 06 Jun 2023 18:33

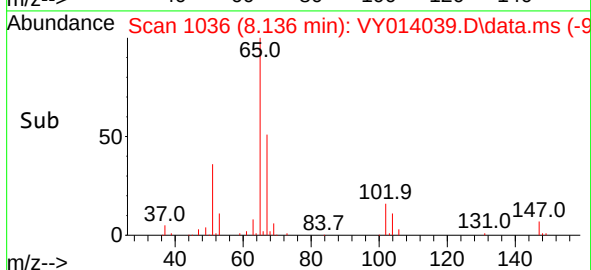
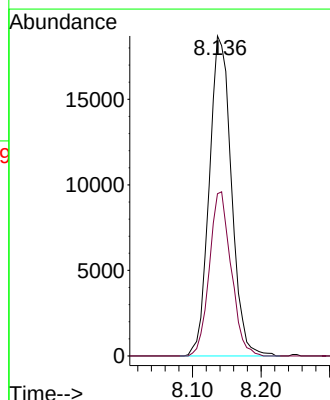
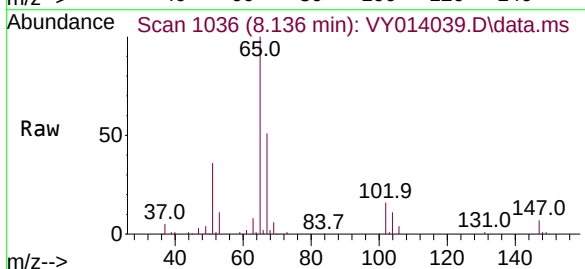
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

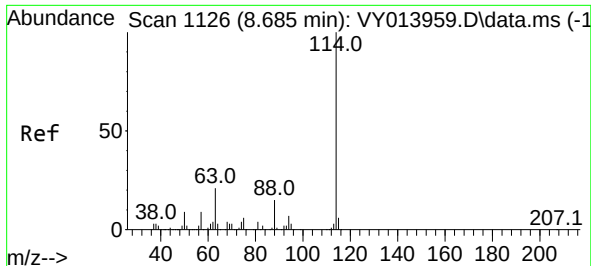
Tgt Ion:168 Resp: 62947
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.358 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014039.D
Acq: 06 Jun 2023 18:33

Tgt Ion: 65 Resp: 41962
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014039.D

Acq: 06 Jun 2023 18:33

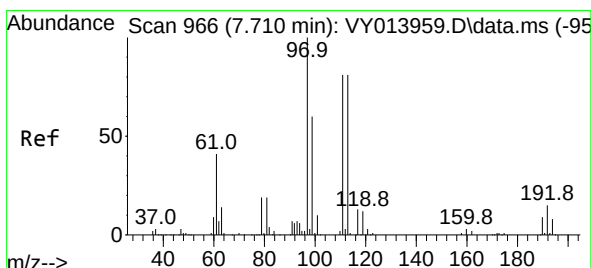
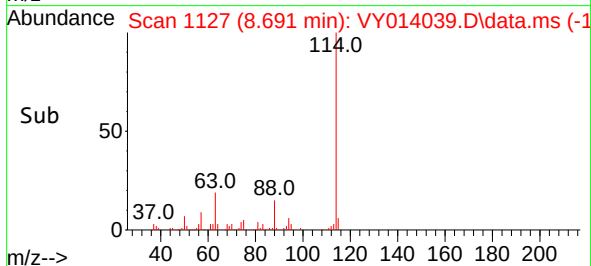
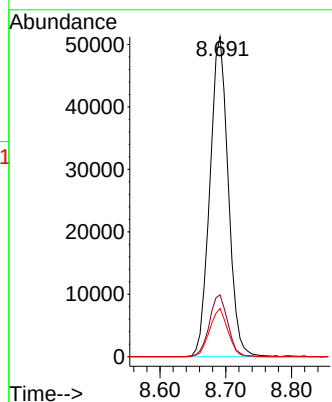
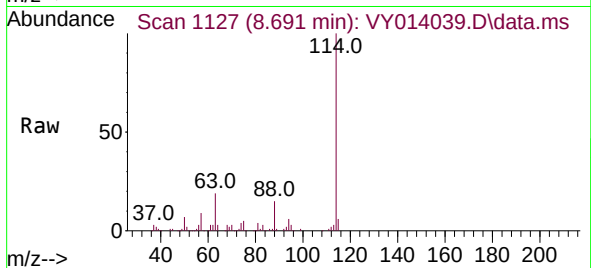
Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0

Tgt Ion:114	Resp:	99465
Ion	Ratio	Lower Upper
114	100	
63	19.3	0.0 42.4
88	15.1	0.0 30.6



#35

Dibromofluoromethane

Concen: 56.609 ug/l

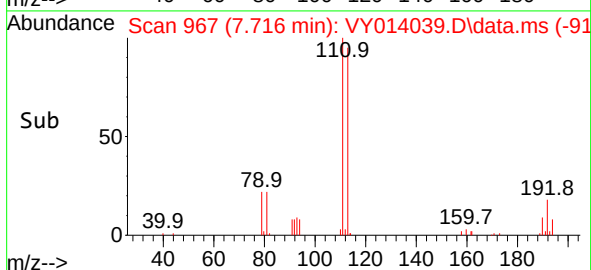
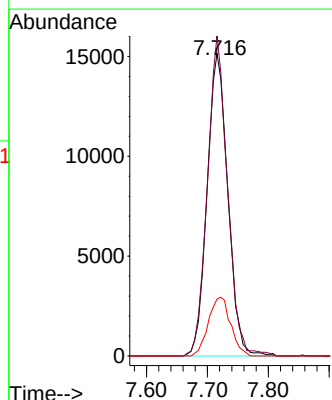
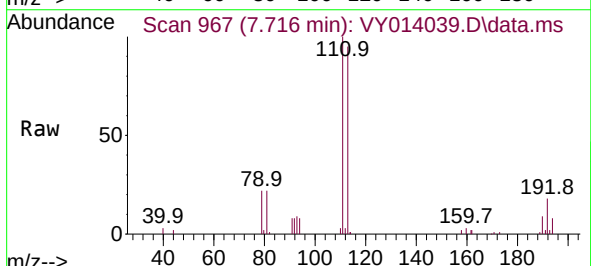
RT: 7.716 min Scan# 967

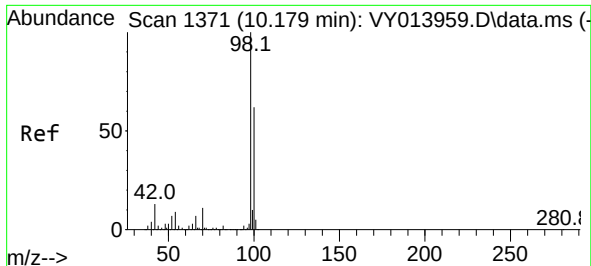
Delta R.T. 0.006 min

Lab File: VY014039.D

Acq: 06 Jun 2023 18:33

Tgt Ion:113	Resp:	35783
Ion	Ratio	Lower Upper
113	100	
111	102.7	81.3 121.9
192	20.8	16.9 25.3

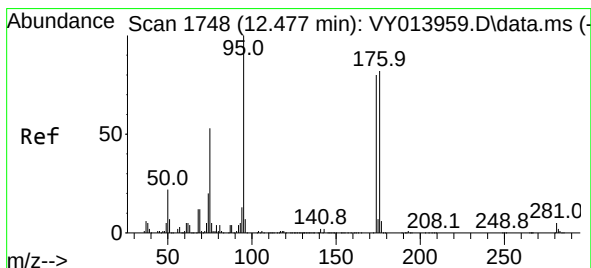
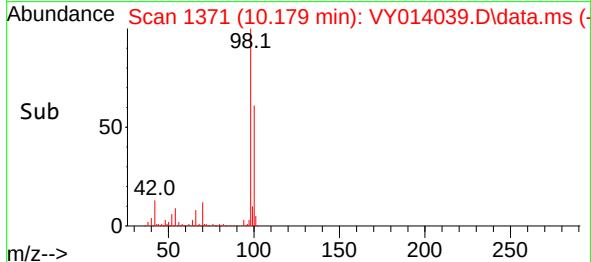
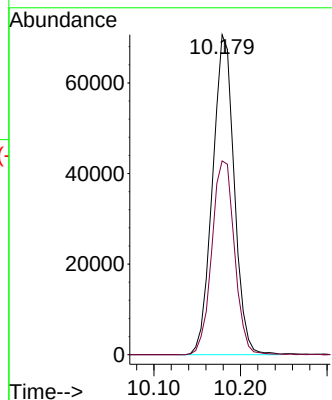
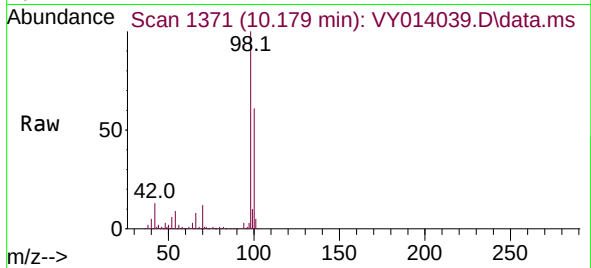




#50
Toluene-d8
Concen: 50.878 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014039.D
Acq: 06 Jun 2023 18:33

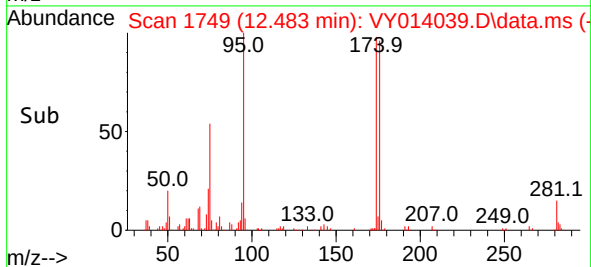
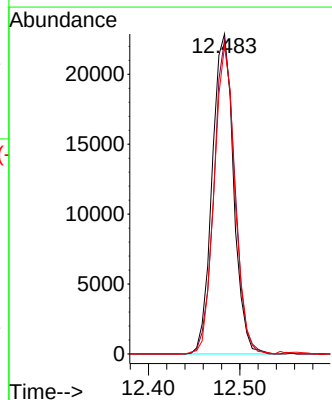
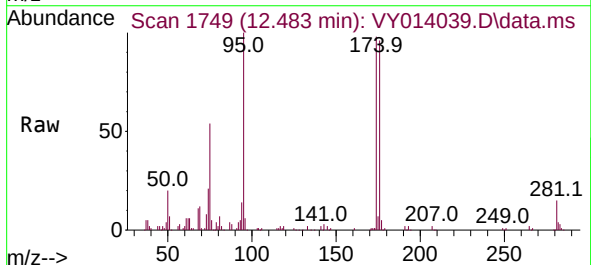
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

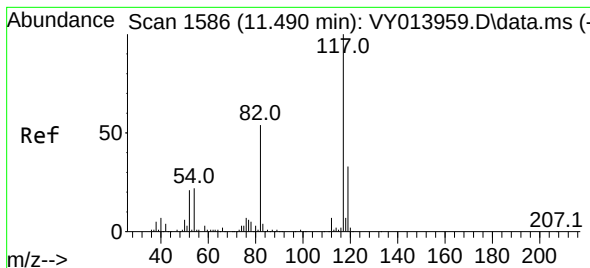
Tgt Ion: 98 Resp: 122675
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014039.D
Acq: 06 Jun 2023 18:33

Tgt Ion: 95 Resp: 37220
Ion Ratio Lower Upper
95 100
174 95.5 0.0 178.2
176 93.1 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: VY014039.D

Acq: 06 Jun 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0

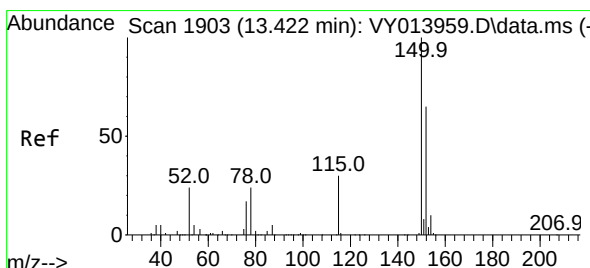
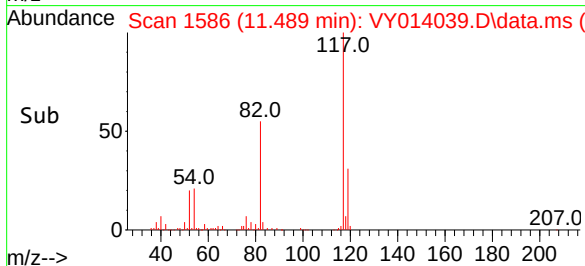
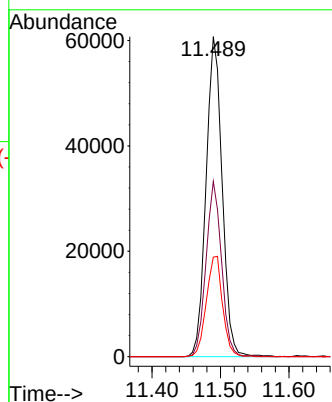
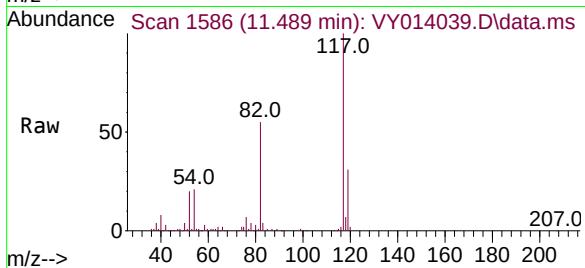
Tgt Ion:117 Resp: 99386

Ion Ratio Lower Upper

117 100

82 54.8 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: VY014039.D

Acq: 06 Jun 2023 18:33

Tgt Ion:152 Resp: 41391

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 157.0 0.0 348.8

