

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014482.D
 Acq On : 28 Jun 2023 15:45
 Operator : KP/MD
 Sample : 03462-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-62823

Quant Time: Jun 29 02:18:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	32990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18191	44.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.820%
35) Dibromofluoromethane	7.716	113	13920	50.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.220%
50) Toluene-d8	10.179	98	51693	47.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.477	95	13575	34.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.560%

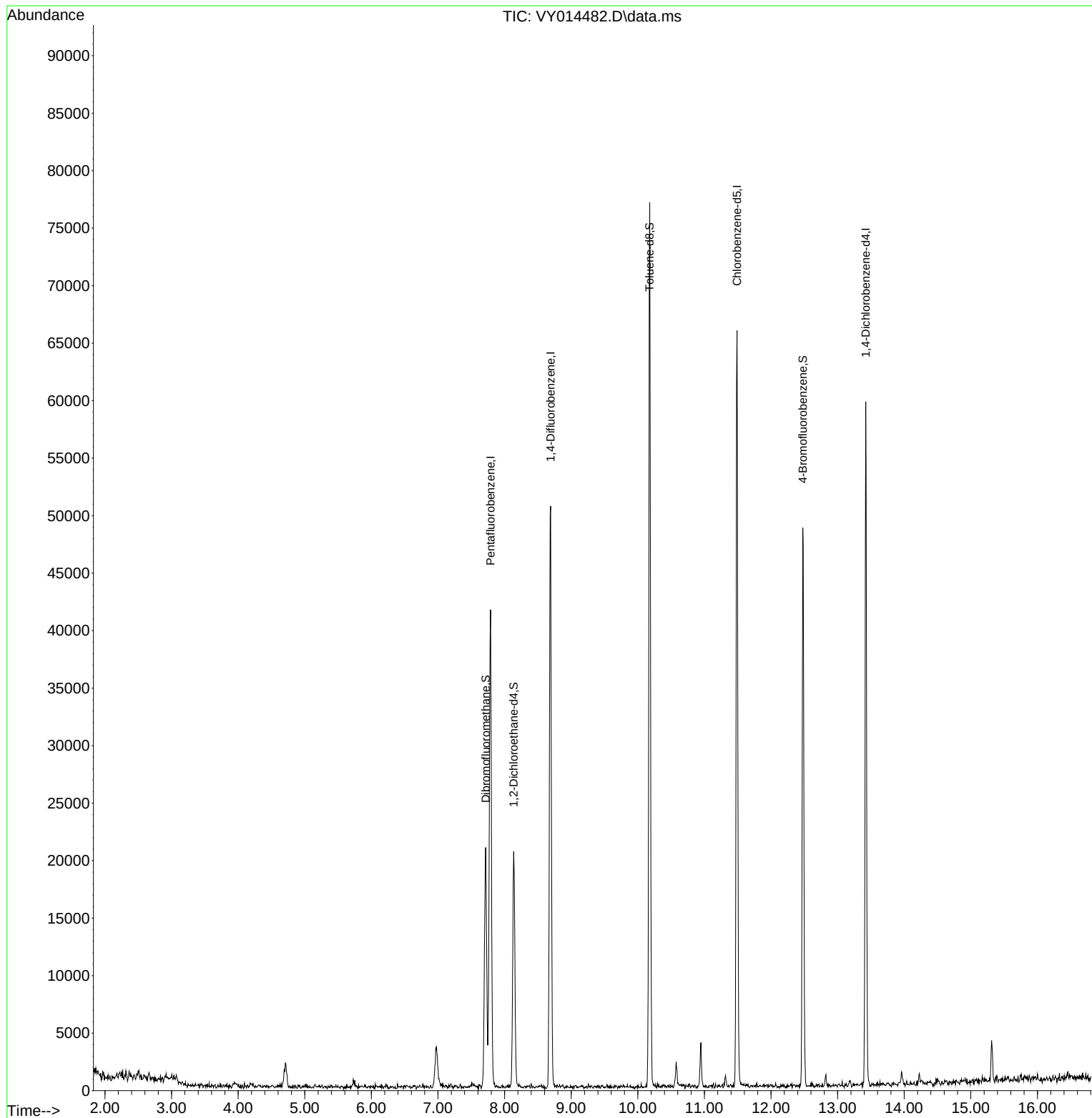
Target Compounds	Qvalue

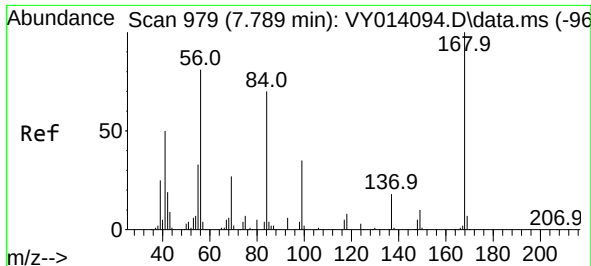
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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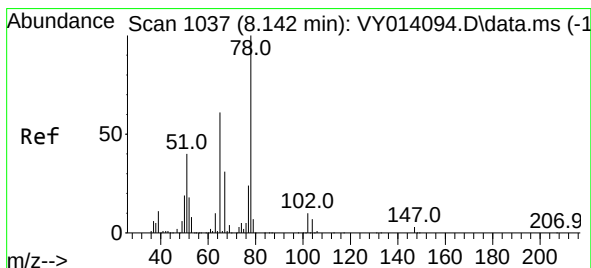
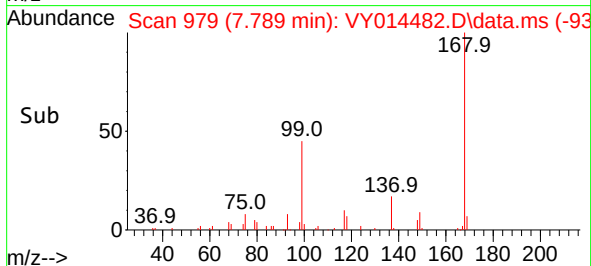
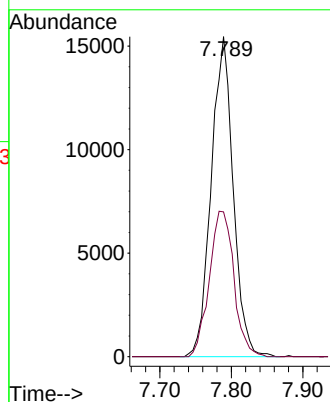
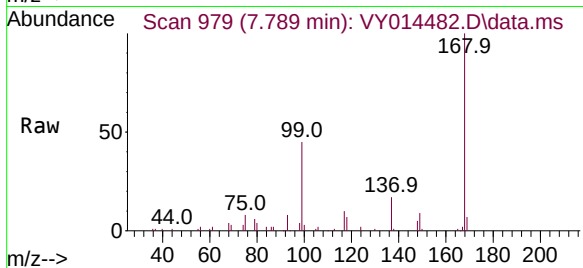




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

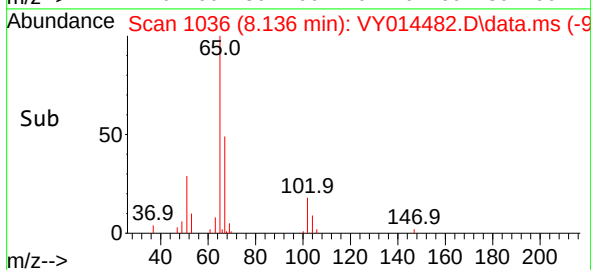
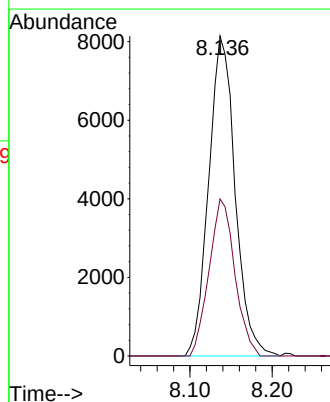
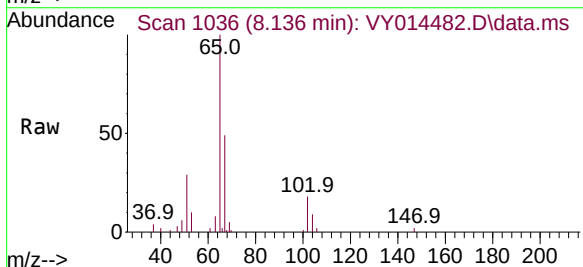
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823

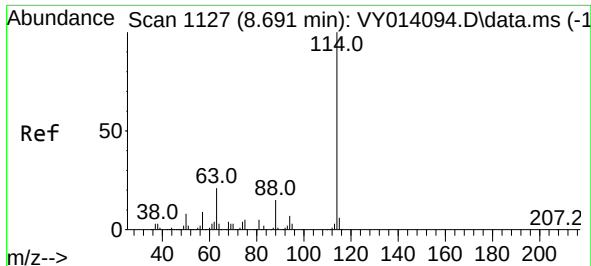
Tgt Ion:168 Resp: 32990
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.412 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion: 65 Resp: 18191
Ion Ratio Lower Upper
65 100
67 47.7 0.0 101.8

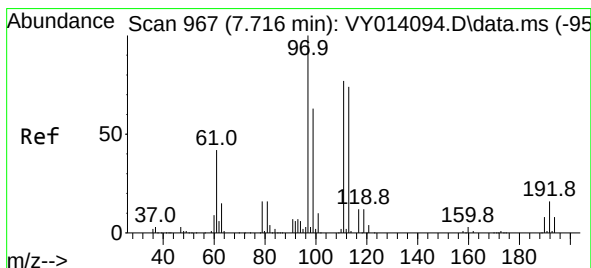
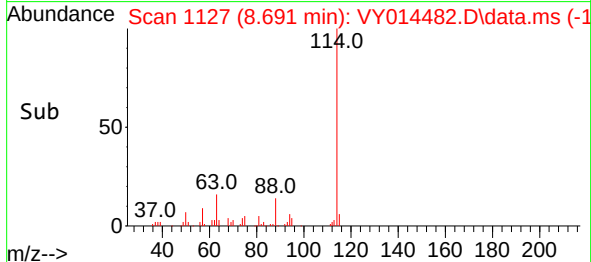
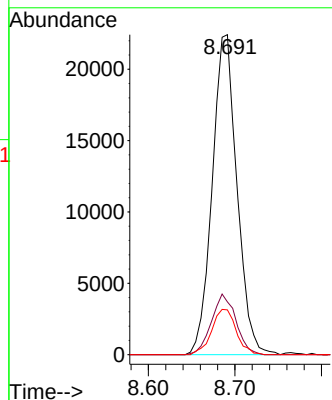
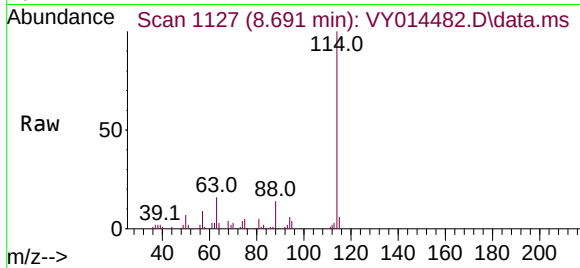




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

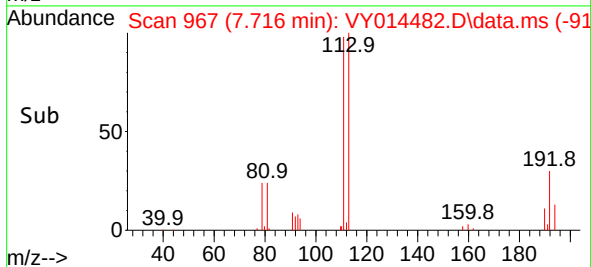
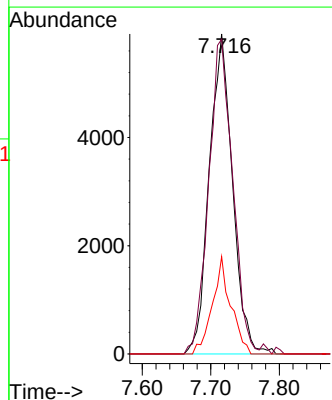
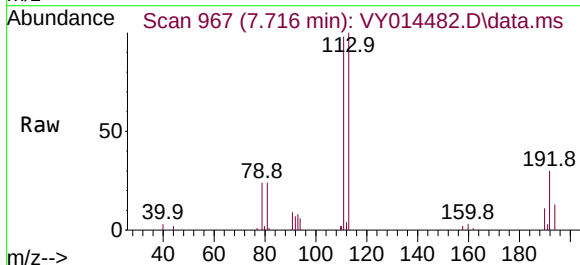
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823

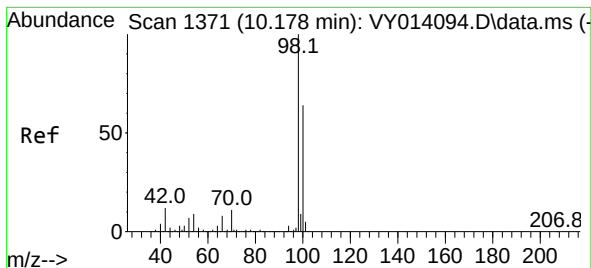
Tgt Ion:	114	Resp:	44521
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	42.4
88	14.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.607 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion:	113	Resp:	13920
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	24.1	16.9	25.3





#50

Toluene-d8

Concen: 47.277 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014482.D

Acq: 28 Jun 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

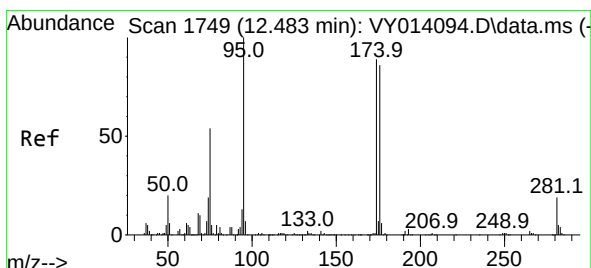
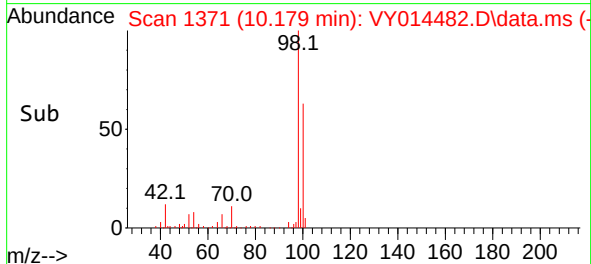
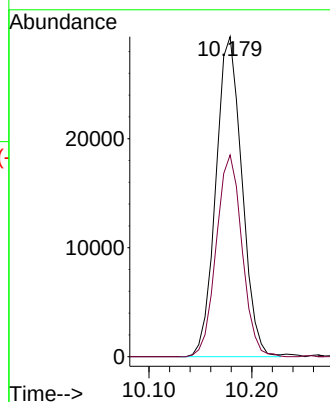
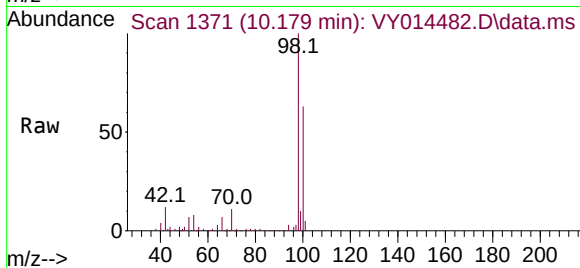
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Tgt Ion: 98 Resp: 51693

Ion Ratio Lower Upper

98 100

100 62.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 34.777 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014482.D

Acq: 28 Jun 2023 15:45

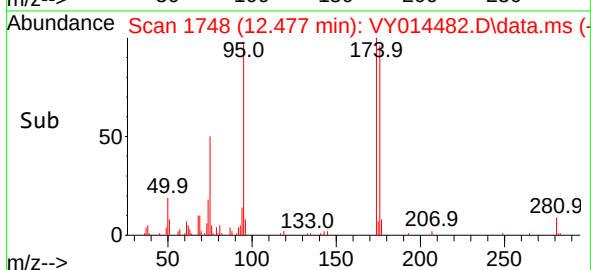
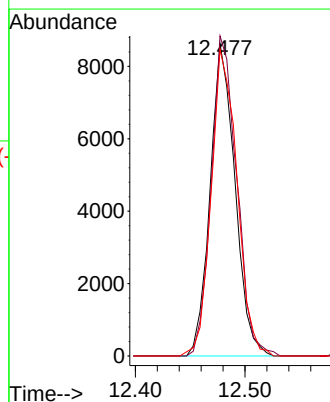
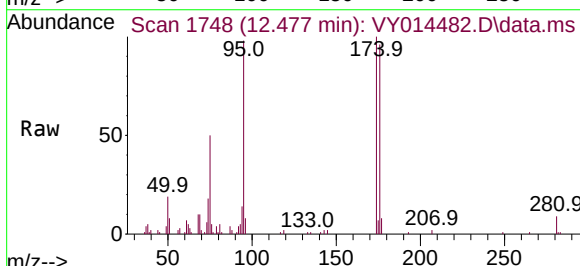
Tgt Ion: 95 Resp: 13575

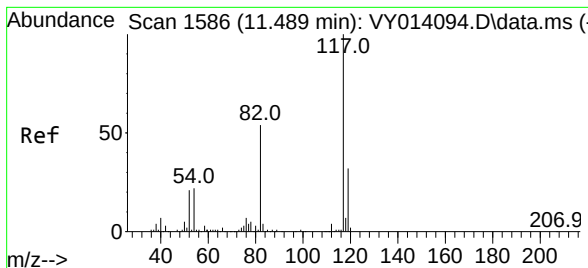
Ion Ratio Lower Upper

95 100

174 105.1 0.0 178.2

176 102.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014482.D

Acq: 28 Jun 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-62823

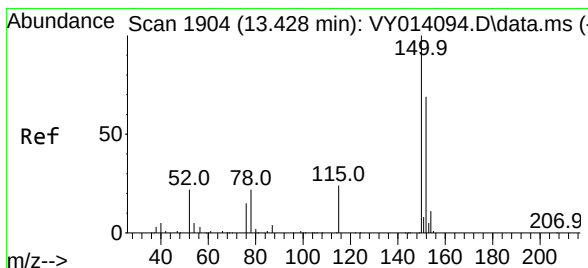
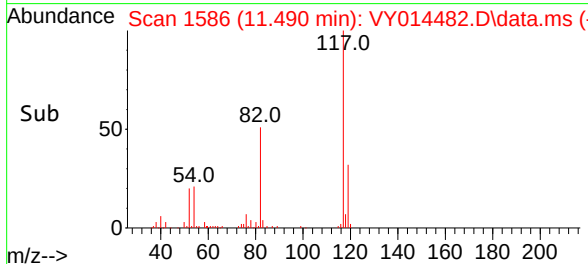
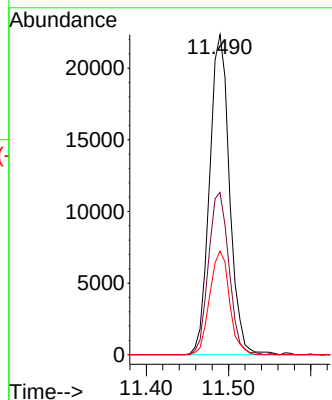
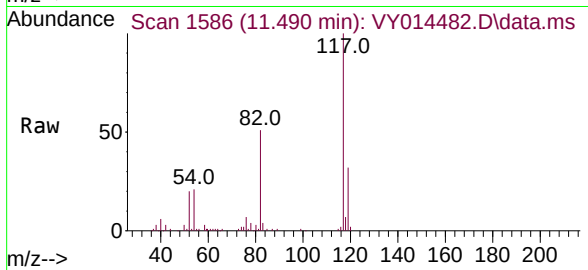
Tgt Ion:117 Resp: 37767

Ion Ratio Lower Upper

117 100

82 50.7 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014482.D

Acq: 28 Jun 2023 15:45

Tgt Ion:152 Resp: 16655

Ion Ratio Lower Upper

152 100

115 50.9 28.8 86.5

150 153.2 0.0 348.8

