

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014081.D
 Acq On : 08 Jun 2023 18:25
 Operator : KP/MD
 Sample : 03071-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 09 04:23:23 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	17971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11996	50.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.860%
35) Dibromofluoromethane	7.716	113	9309	53.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.380%
50) Toluene-d8	10.179	98	32140	48.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.483	95	9235	40.955	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.920%

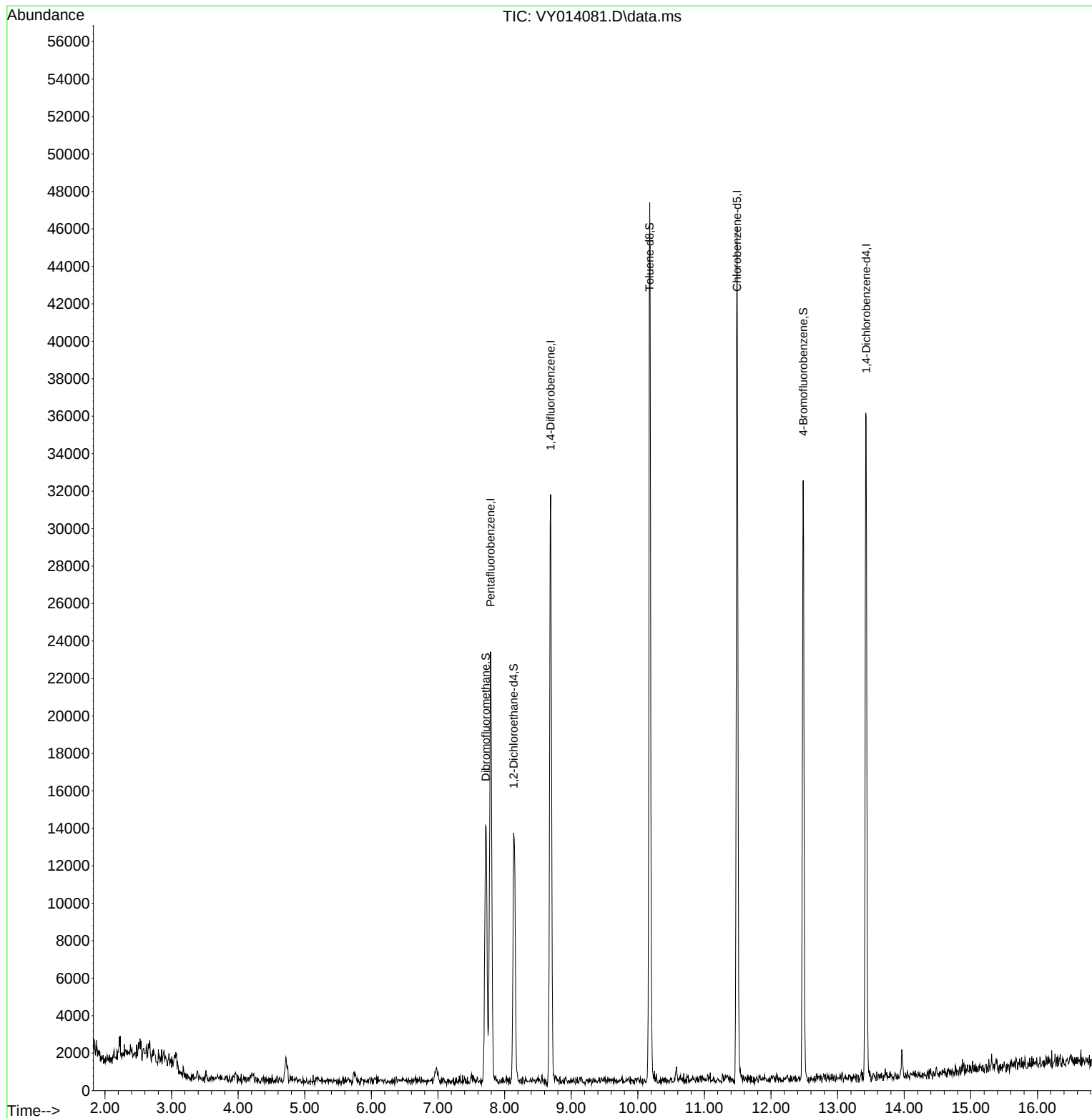
Target Compounds	Qvalue

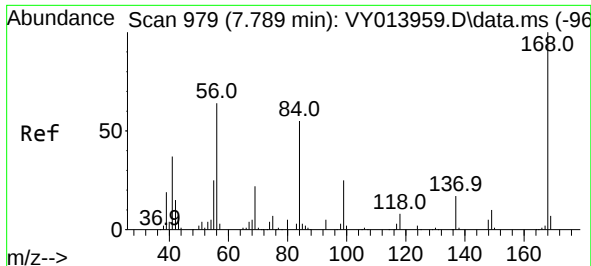
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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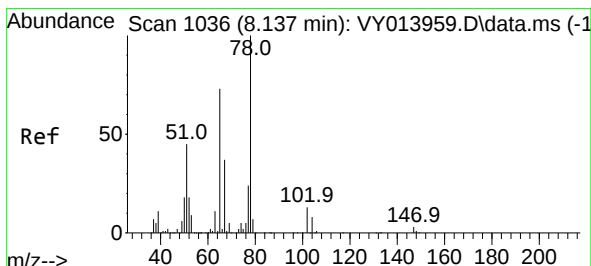
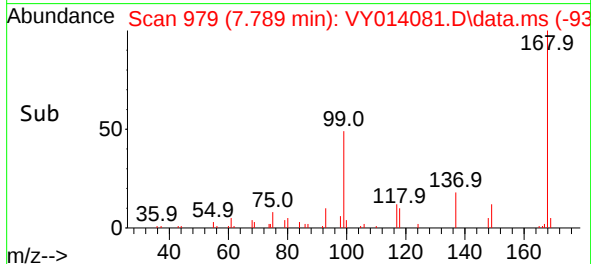
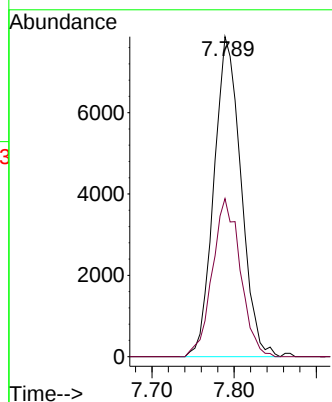
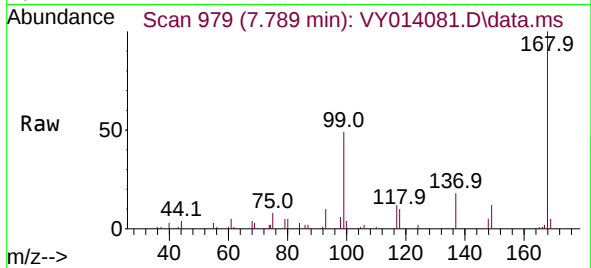




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

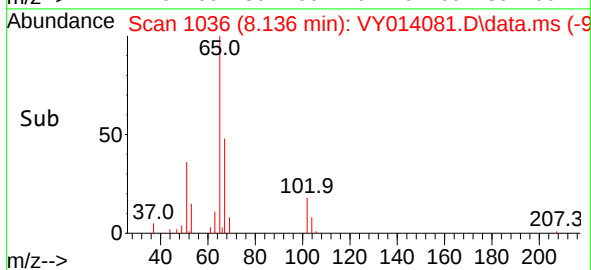
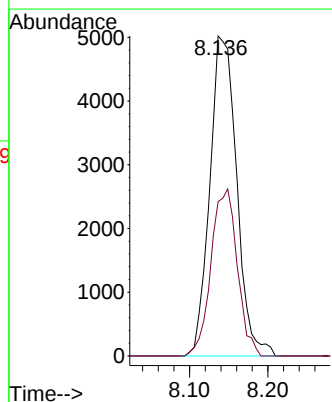
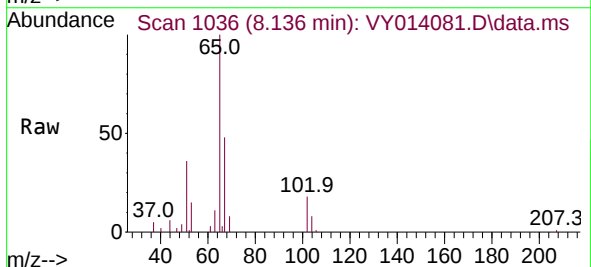
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 17971
Ion Ratio Lower Upper
168 100
99 49.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.426 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

Tgt Ion: 65 Resp: 11996
Ion Ratio Lower Upper
65 100
67 50.8 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: VY014081.D

Acq: 08 Jun 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

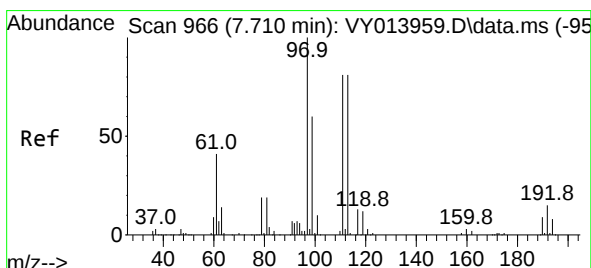
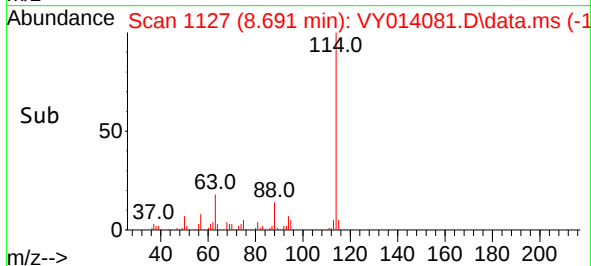
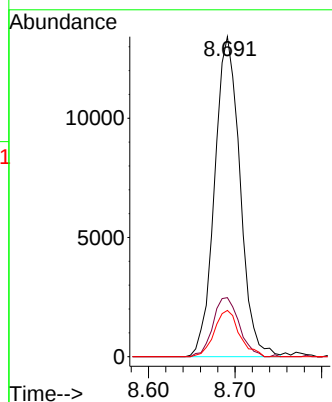
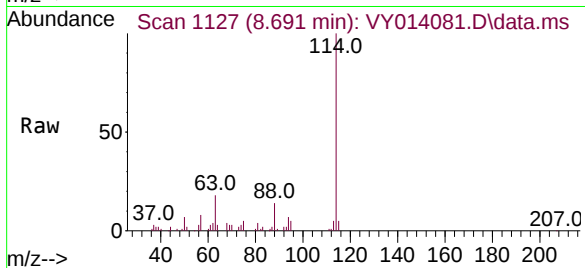
Tgt Ion:114 Resp: 27285

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.685 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014081.D

Acq: 08 Jun 2023 18:25

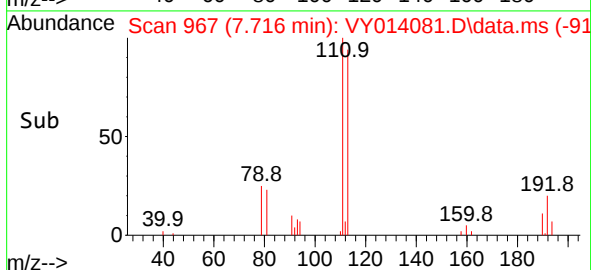
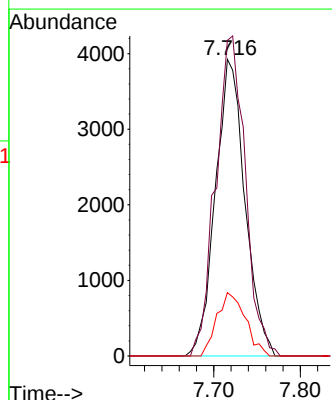
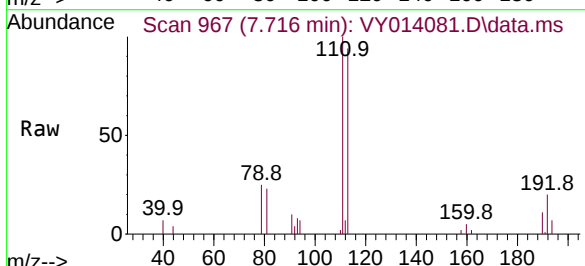
Tgt Ion:113 Resp: 9309

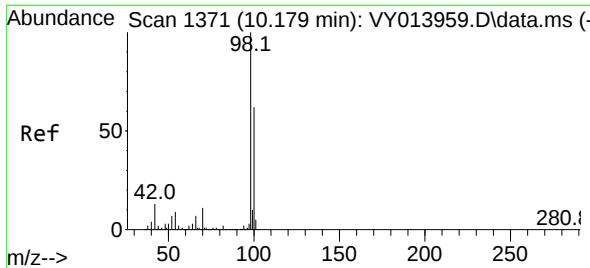
Ion Ratio Lower Upper

113 100

111 108.1 81.3 121.9

192 20.6 16.9 25.3

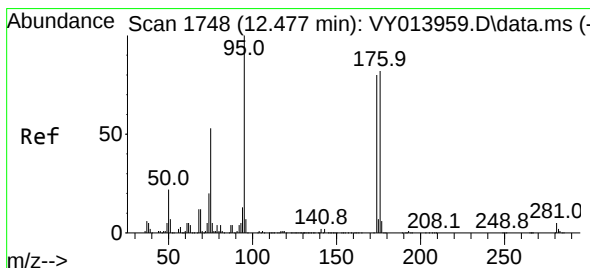
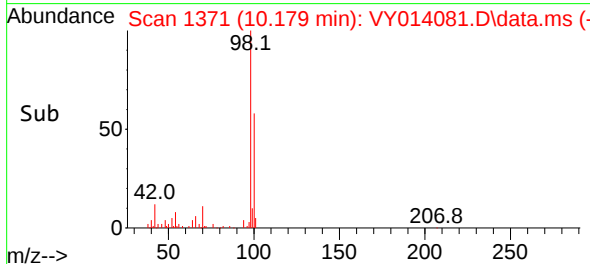
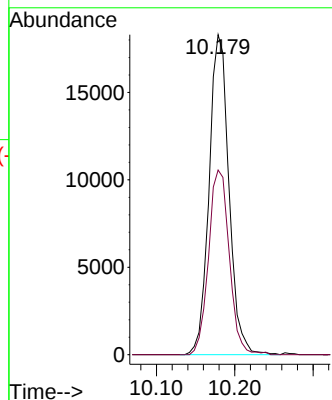
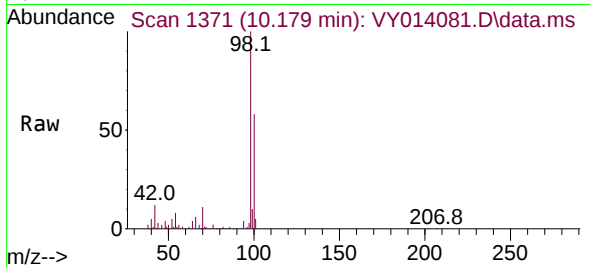




#50
Toluene-d8
Concen: 48.593 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

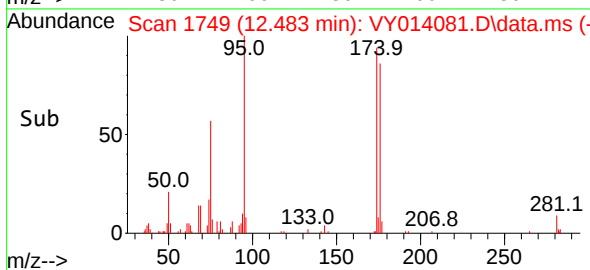
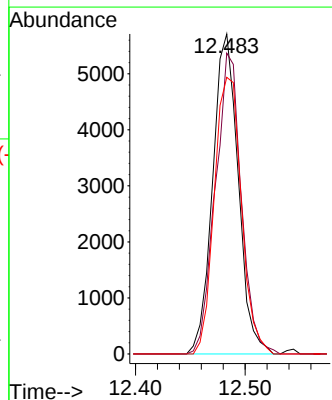
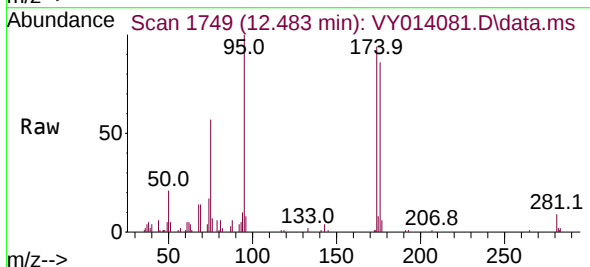
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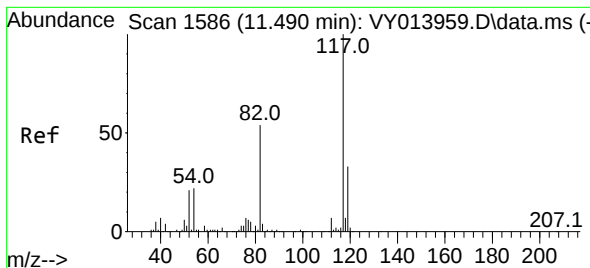
Tgt Ion: 98 Resp: 32140
Ion Ratio Lower Upper
98 100
100 60.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

Tgt Ion: 95 Resp: 9235
Ion Ratio Lower Upper
95 100
174 95.6 0.0 178.2
176 91.8 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: VY014081.D

Acq: 08 Jun 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

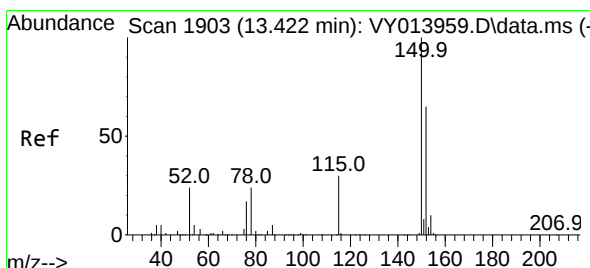
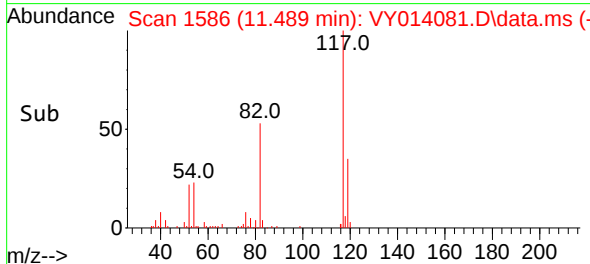
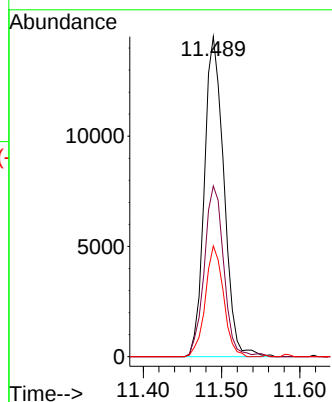
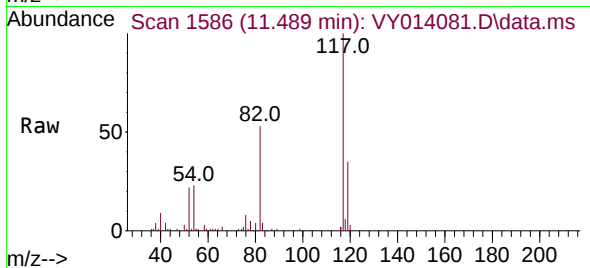
Tgt Ion:117 Resp: 25085

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 34.6 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: VY014081.D

Acq: 08 Jun 2023 18:25

Tgt Ion:152 Resp: 10240

Ion Ratio Lower Upper

152 100

115 53.0 28.8 86.5

150 160.7 0.0 348.8

