

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014079.D
 Acq On : 08 Jun 2023 17:39
 Operator : KP/MD
 Sample : 03096-01
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24-0A

Quant Time: Jun 09 04:22:43 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	160283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	114162	53.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.620%
35) Dibromofluoromethane	7.716	113	92929	53.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.360%
50) Toluene-d8	10.179	98	342622	51.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.483	95	120010	53.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.600%

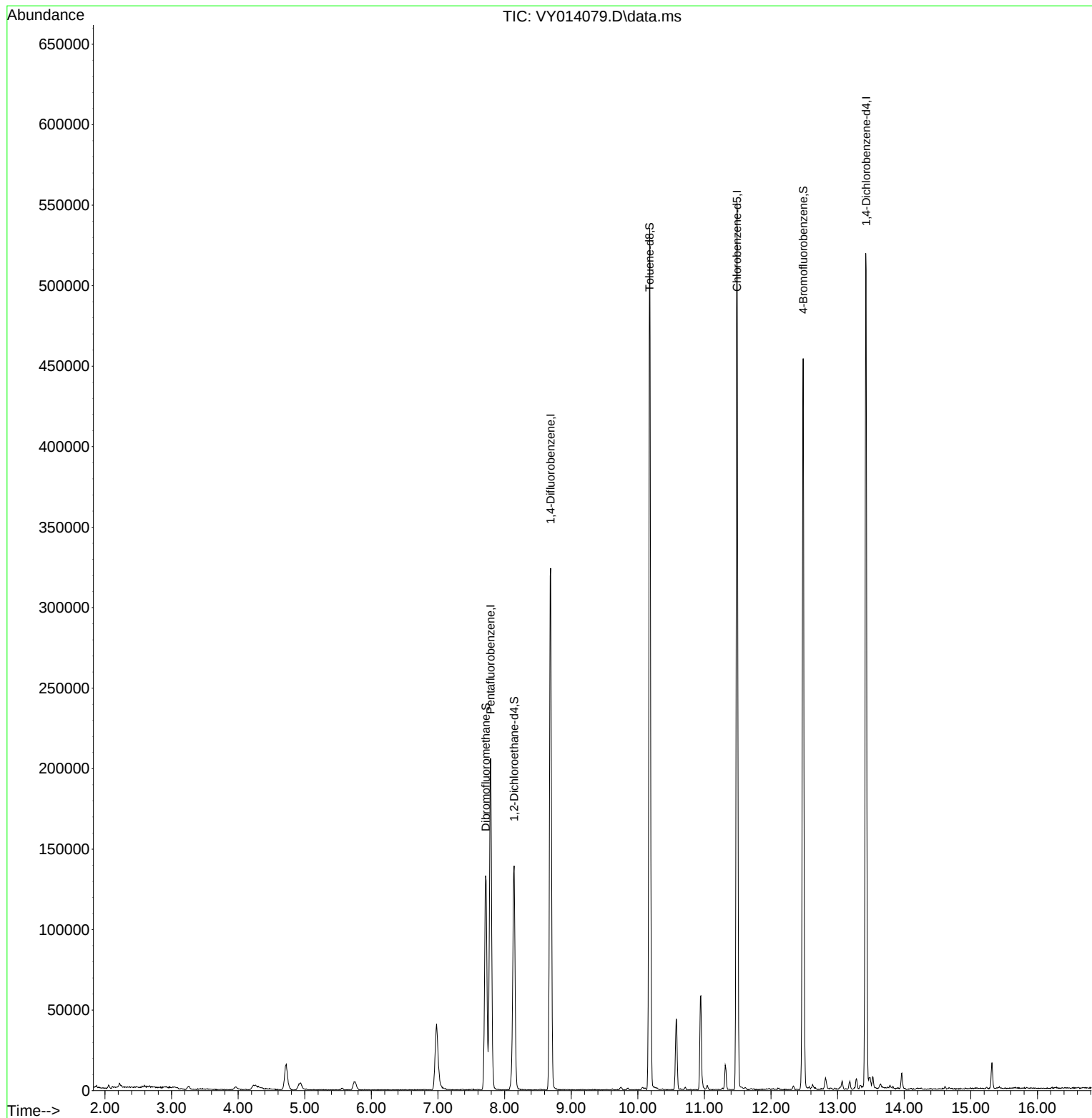
Target Compounds	Qvalue

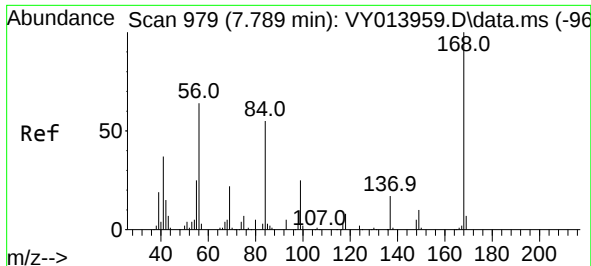
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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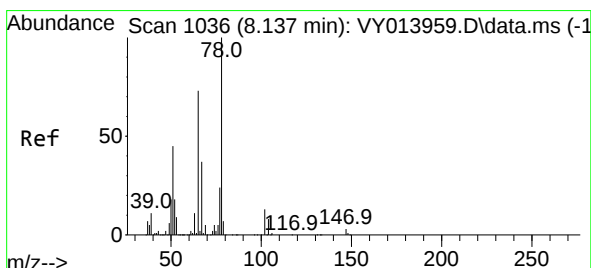
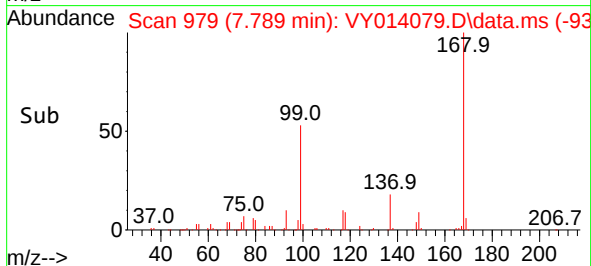
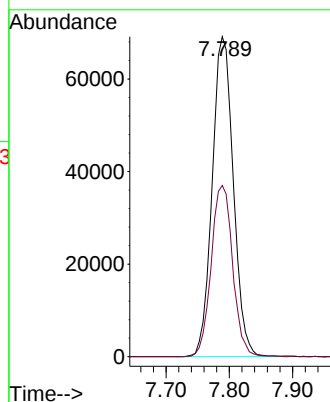
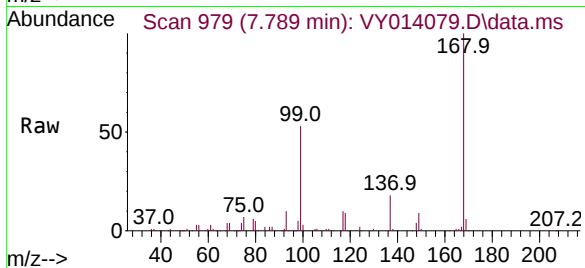




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014079.D
Acq: 08 Jun 2023 17:39

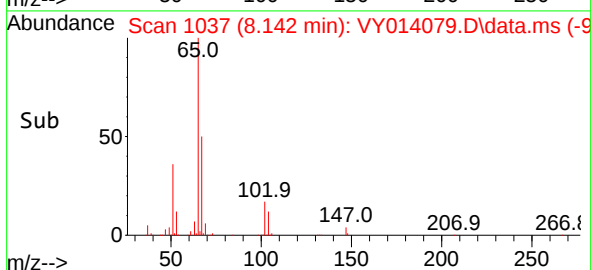
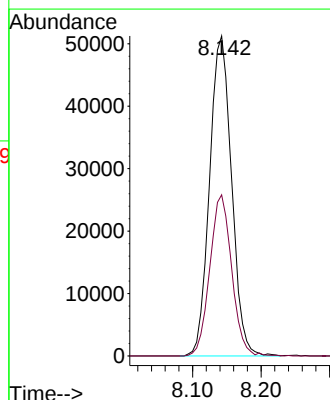
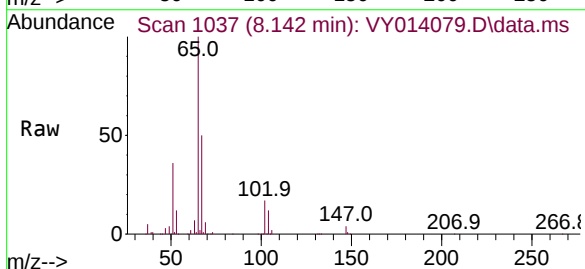
Instrument :
MSVOA_Y
ClientSampleId :
TP-24-0A

Tgt Ion:168 Resp: 160283
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.805 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014079.D
Acq: 08 Jun 2023 17:39

Tgt Ion: 65 Resp: 114162
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

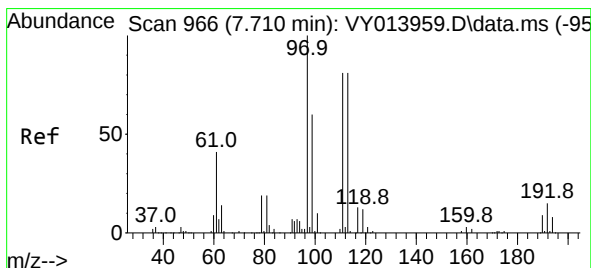
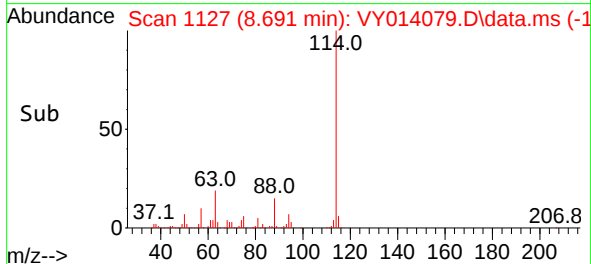
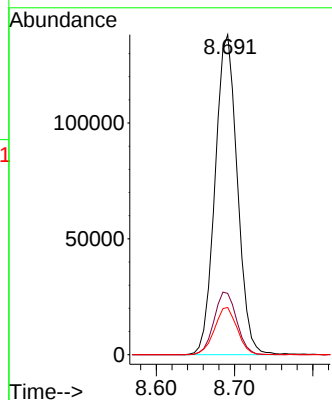
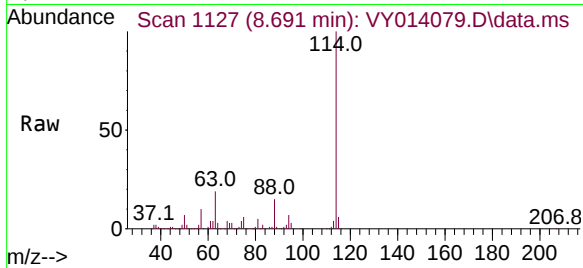




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014079.D
Acq: 08 Jun 2023 17:39

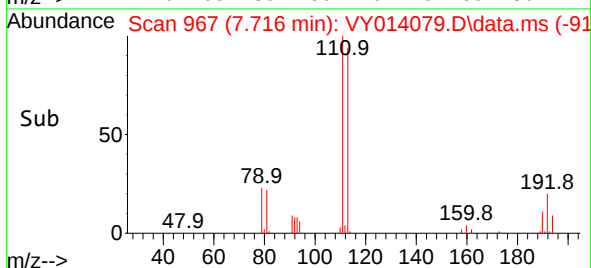
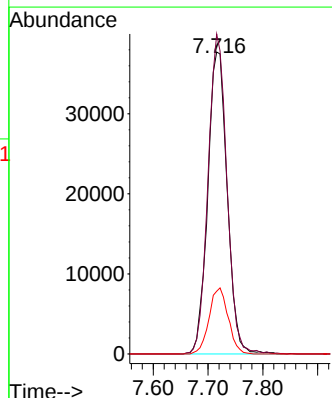
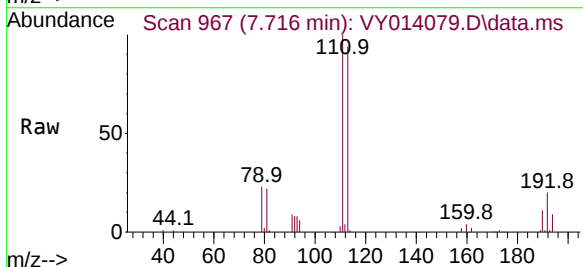
Instrument :
MSVOA_Y
ClientSampleId :
TP-24-0A

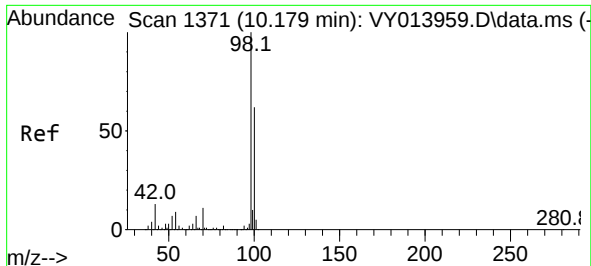
Tgt Ion:114 Resp: 272430
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.675 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014079.D
Acq: 08 Jun 2023 17:39

Tgt Ion:113 Resp: 92929
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 21.4 16.9 25.3

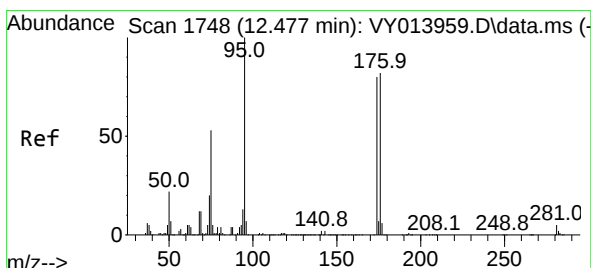
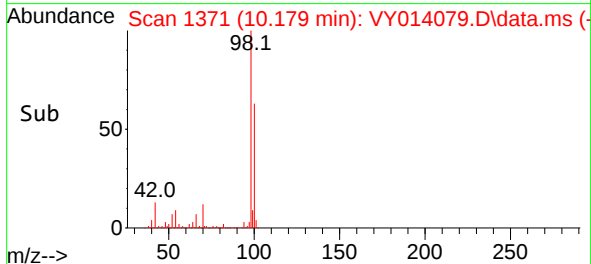
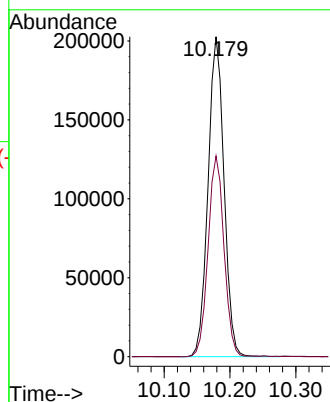
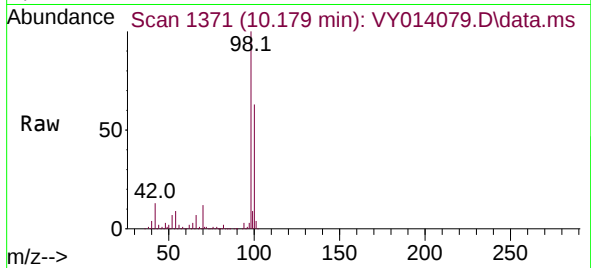




#50
Toluene-d8
Concen: 51.881 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014079.D
Acq: 08 Jun 2023 17:39

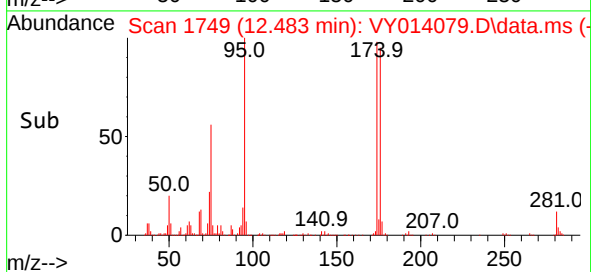
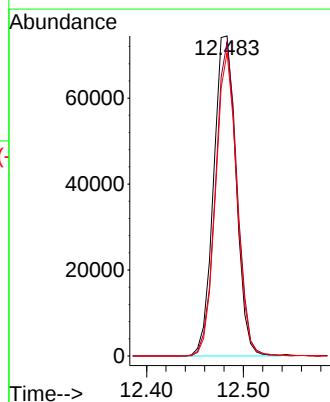
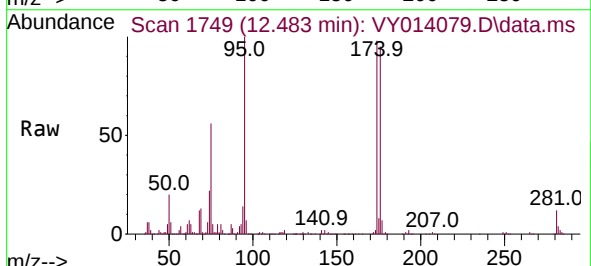
Instrument :
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ClientSampleId :
TP-24-0A

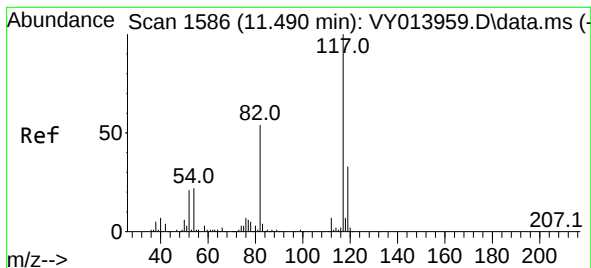
Tgt Ion: 98 Resp: 342622
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014079.D
Acq: 08 Jun 2023 17:39

Tgt Ion: 95 Resp: 120010
Ion Ratio Lower Upper
95 100
174 94.3 0.0 178.2
176 89.7 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: VY014079.D

Acq: 08 Jun 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-24-0A

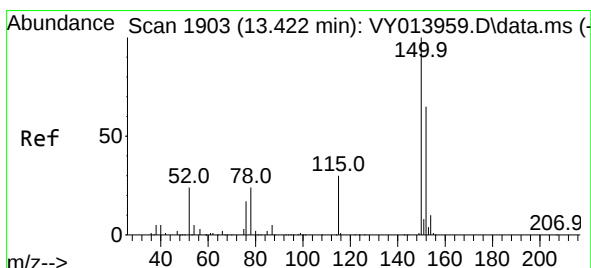
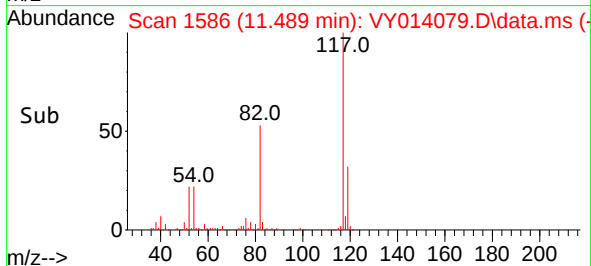
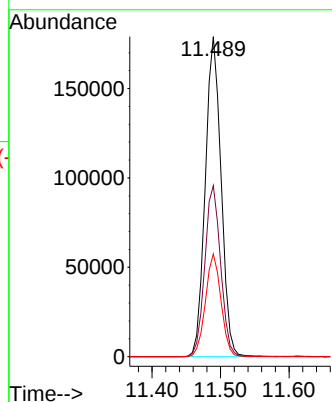
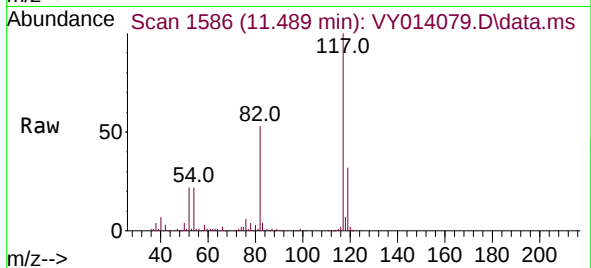
Tgt Ion:117 Resp: 287884

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.1 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: VY014079.D

Acq: 08 Jun 2023 17:39

Tgt Ion:152 Resp: 137149

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 157.1 0.0 348.8

