

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014010.D
 Acq On : 05 Jun 2023 16:20
 Operator : KP/MD
 Sample : 03018-03
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 362

Quant Time: Jun 06 03:56:44 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	159140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115235	54.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.400%
35) Dibromofluoromethane	7.716	113	96300	54.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.320%
50) Toluene-d8	10.179	98	345525	51.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.477	95	109717	47.887	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.780%

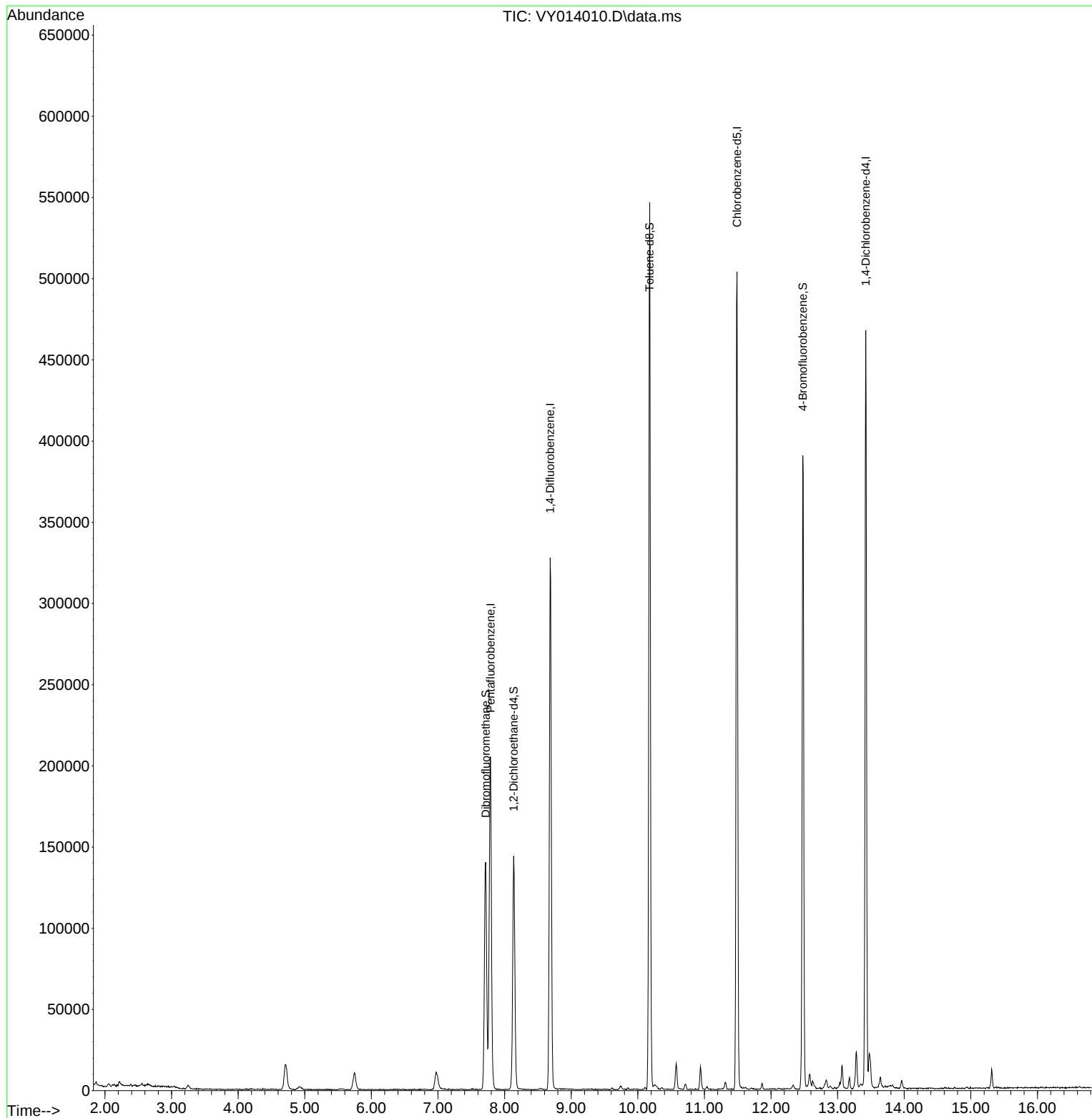
Target Compounds	Qvalue

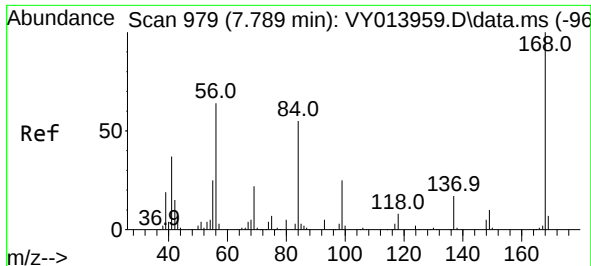
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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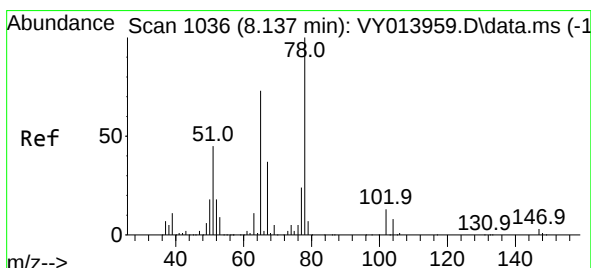
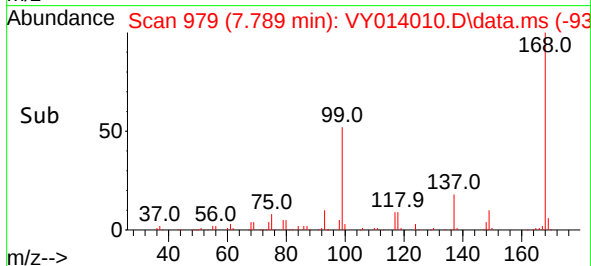
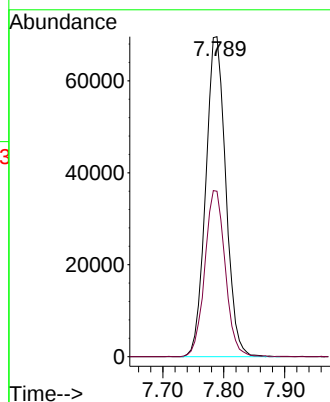
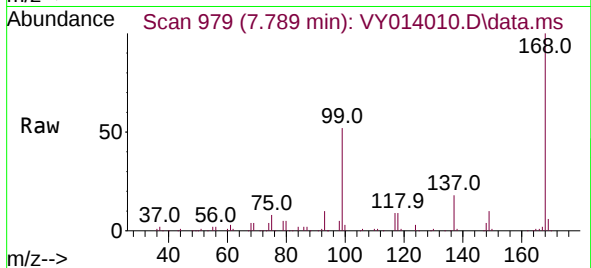




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014010.D
Acq: 05 Jun 2023 16:20

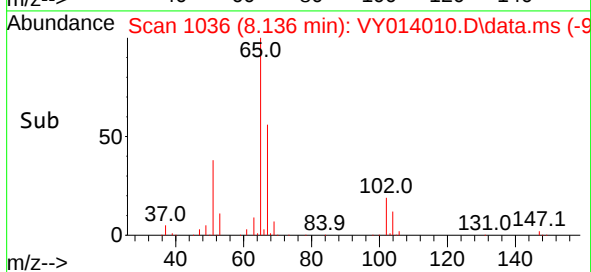
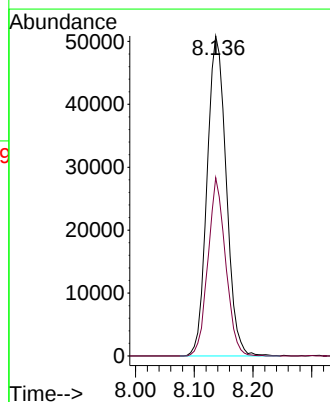
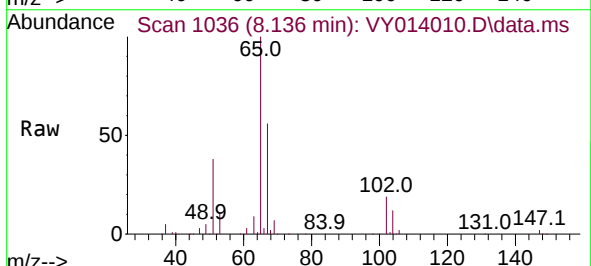
Instrument :
MSVOA_Y
ClientSampleId :
362

Tgt Ion:168 Resp: 159140
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.701 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014010.D
Acq: 05 Jun 2023 16:20

Tgt Ion: 65 Resp: 115235
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

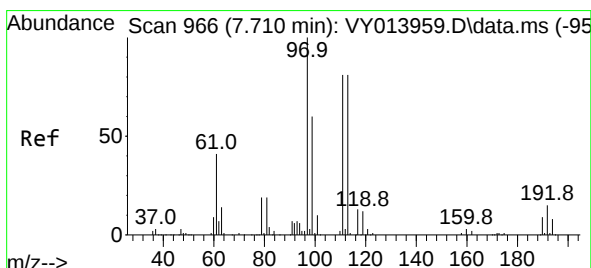
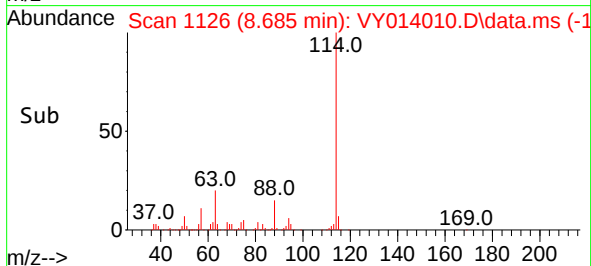
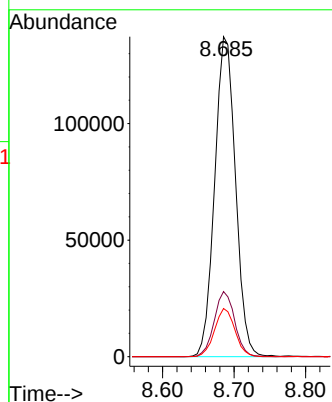
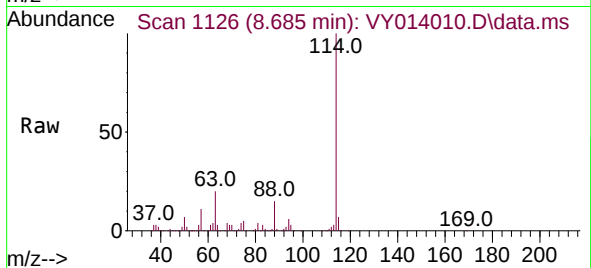




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014010.D
Acq: 05 Jun 2023 16:20

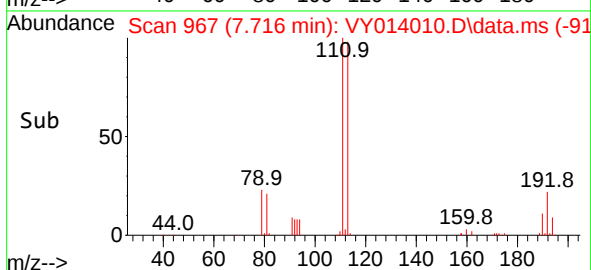
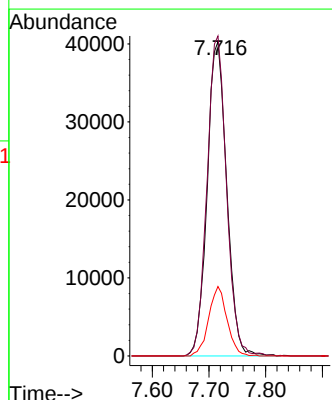
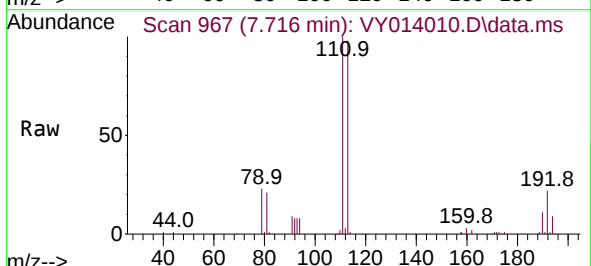
Instrument :
MSVOA_Y
ClientSampleId :
362

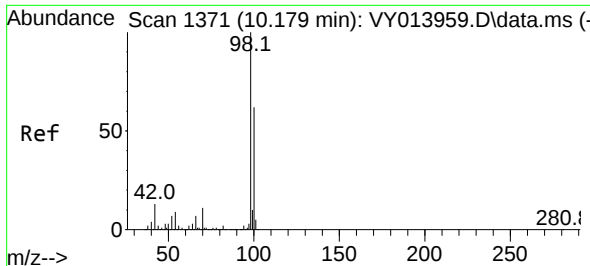
Tgt Ion:	114	Resp:	277240
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	15.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.657 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014010.D
Acq: 05 Jun 2023 16:20

Tgt Ion:	113	Resp:	96300
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	20.8	16.9	25.3

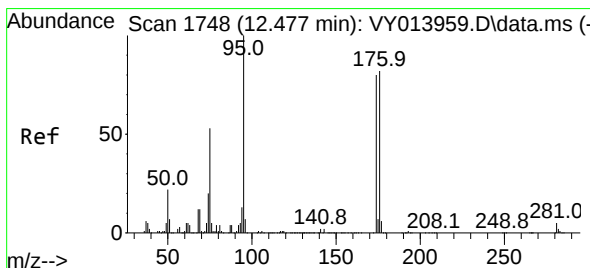
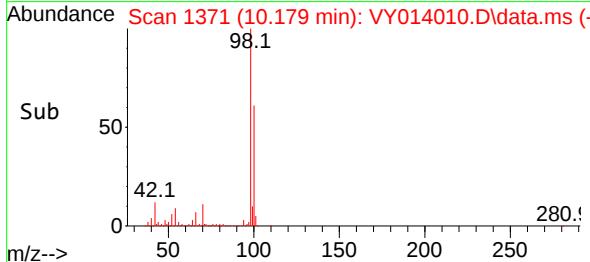
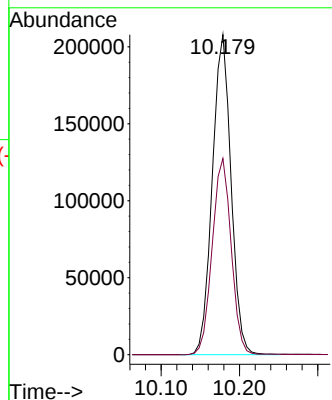
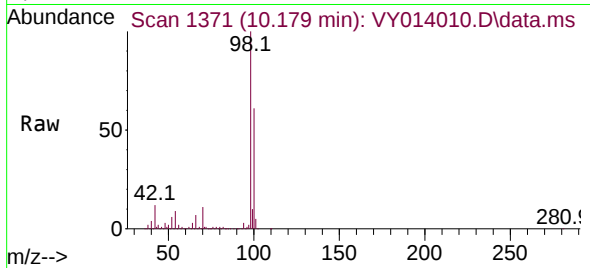




#50
Toluene-d8
Concen: 51.413 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014010.D
Acq: 05 Jun 2023 16:20

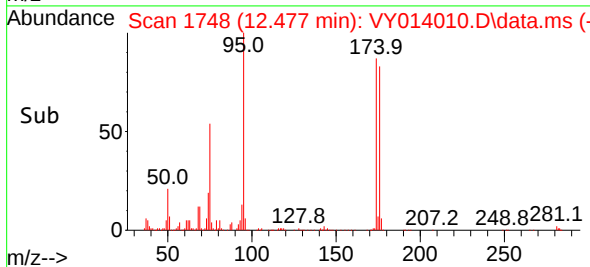
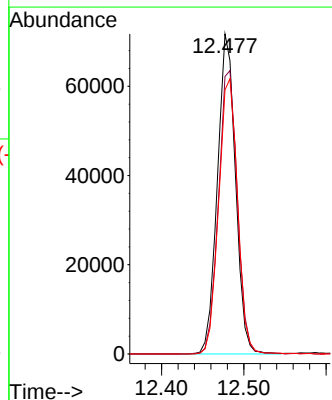
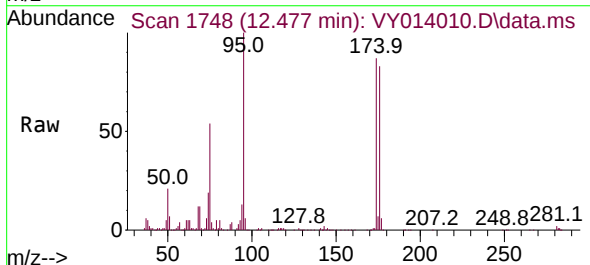
Instrument :
MSVOA_Y
ClientSampleId :
362

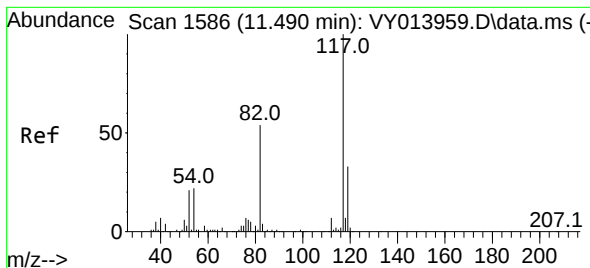
Tgt Ion: 98 Resp: 345525
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.887 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014010.D
Acq: 05 Jun 2023 16:20

Tgt Ion: 95 Resp: 109717
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.2
176 89.8 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: VY014010.D

Acq: 05 Jun 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

362

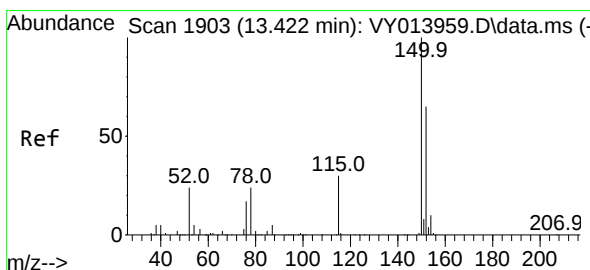
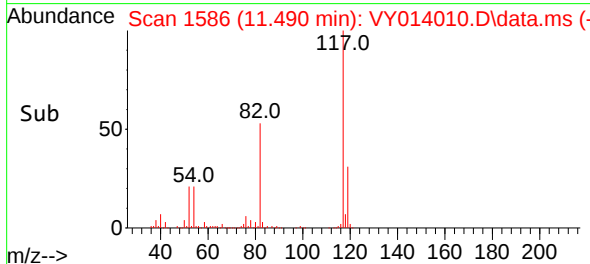
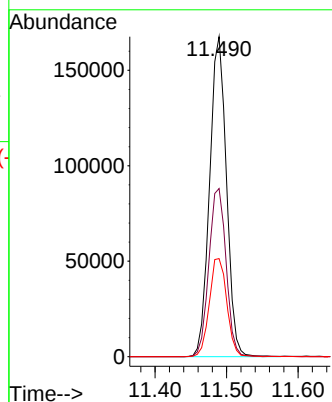
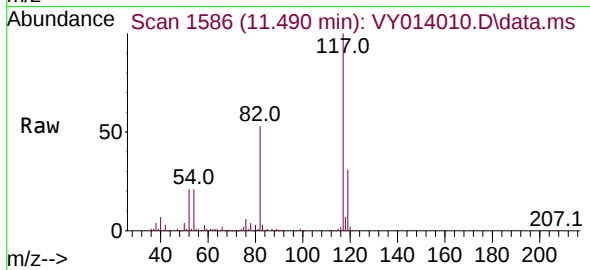
Tgt Ion:117 Resp: 273886

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 30.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014010.D

Acq: 05 Jun 2023 16:20

Tgt Ion:152 Resp: 118586

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 158.6 0.0 348.8

