

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014524.D
 Acq On : 30 Jun 2023 18:40
 Operator : KP/MD
 Sample : 03486-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAYONNE-COMP

Quant Time: Jun 30 23:20:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	288302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	454205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	439036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211945	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163189	56.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.800%
35) Dibromofluoromethane	7.710	113	148121	52.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.920%
50) Toluene-d8	10.179	98	537727	48.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.477	95	177868	46.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.660%

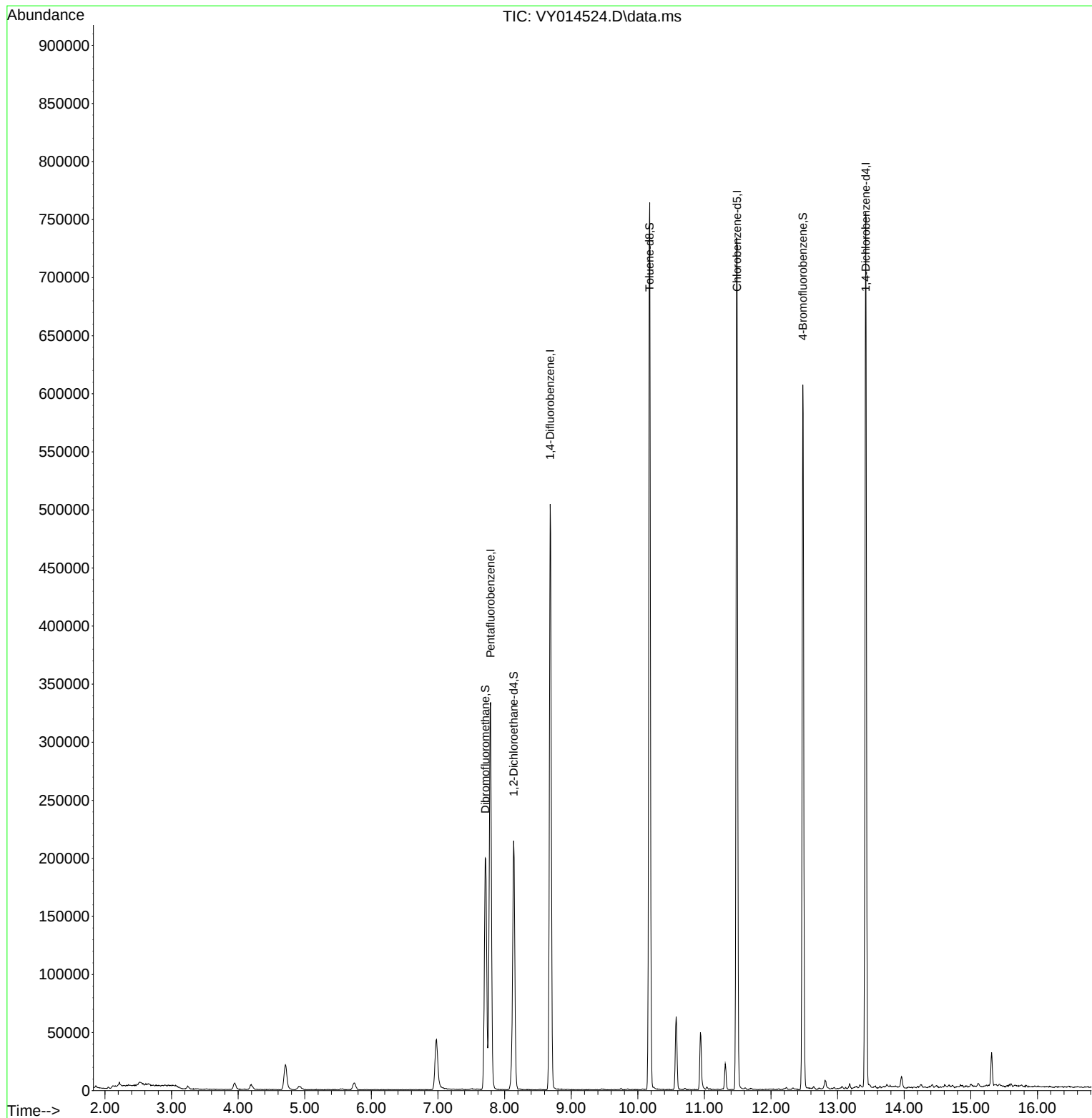
Target Compounds	Qvalue

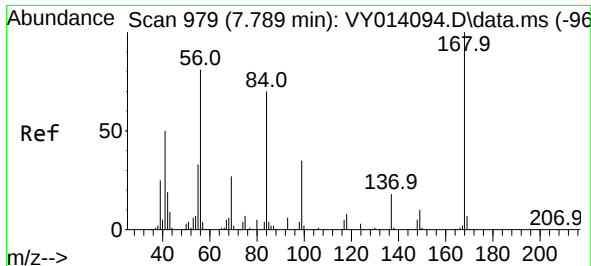
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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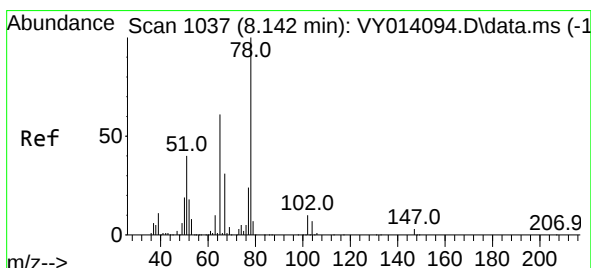
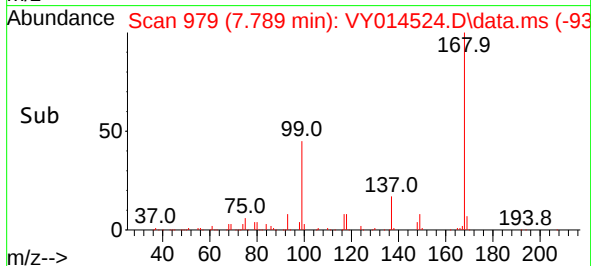
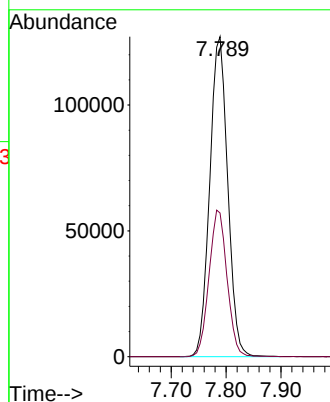
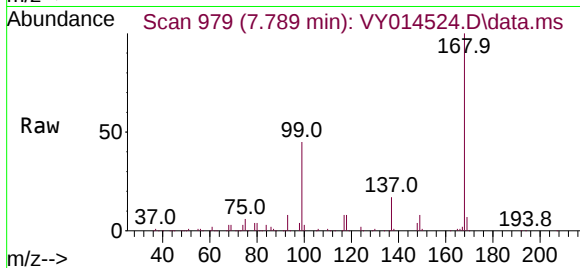




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

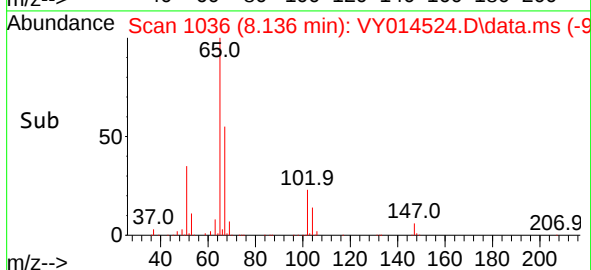
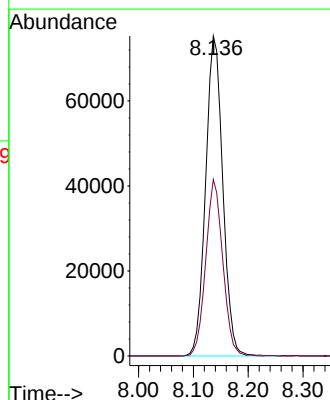
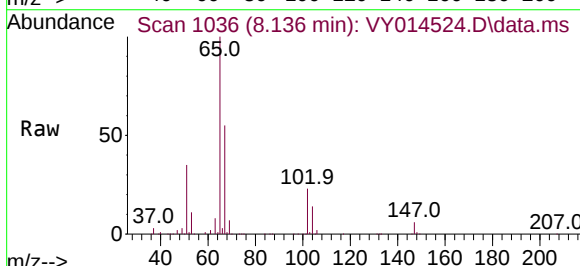
Instrument :
MSVOA_Y
ClientSampleId :
BAYONNE-COMP

Tgt Ion:168 Resp: 288302
Ion Ratio Lower Upper
168 100
99 44.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.900 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Tgt Ion: 65 Resp: 163189
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8

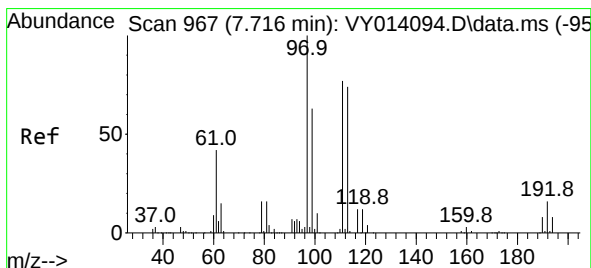
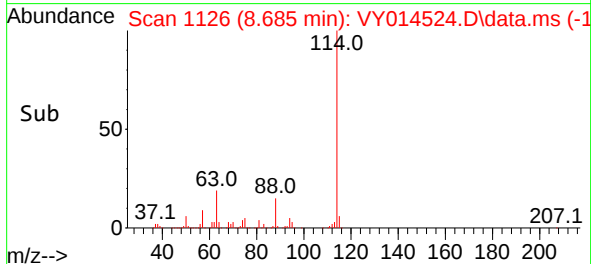
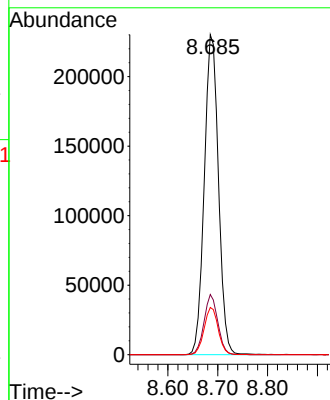
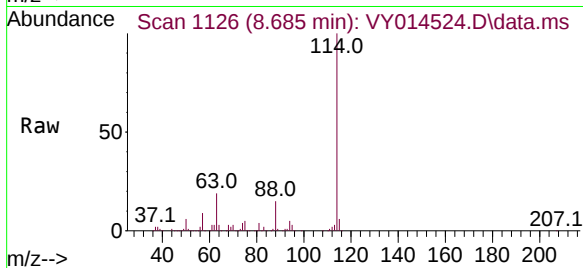




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

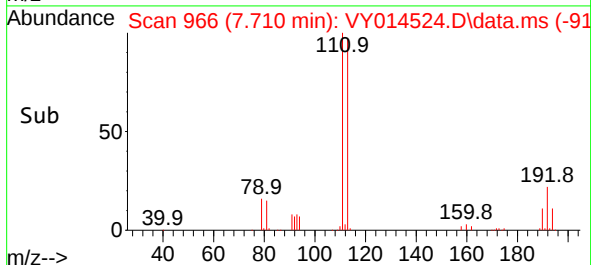
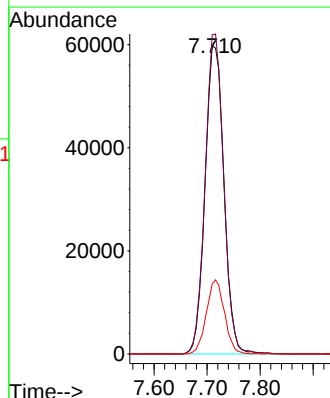
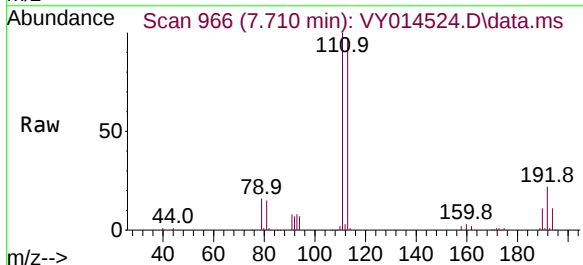
Instrument :
MSVOA_Y
ClientSampleId :
BAYONNE-COMP

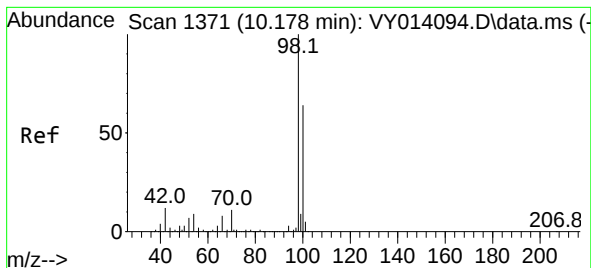
Tgt Ion:114	Resp:	454205
Ion	Ratio	Lower Upper
114	100	
63	18.8	0.0 42.4
88	14.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 52.957 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Tgt Ion:113	Resp:	148121
Ion	Ratio	Lower Upper
113	100	
111	102.2	81.3 121.9
192	23.0	16.9 25.3





#50

Toluene-d8

Concen: 48.632 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014524.D

Acq: 30 Jun 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

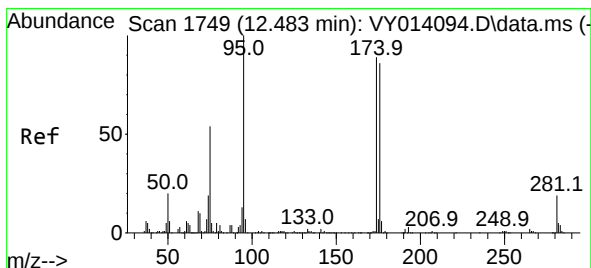
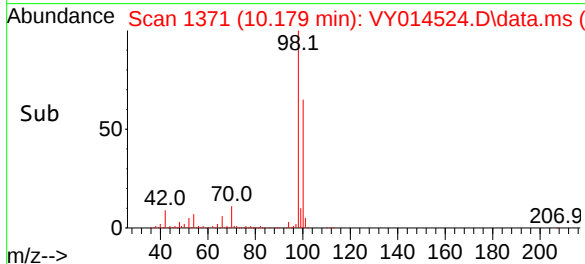
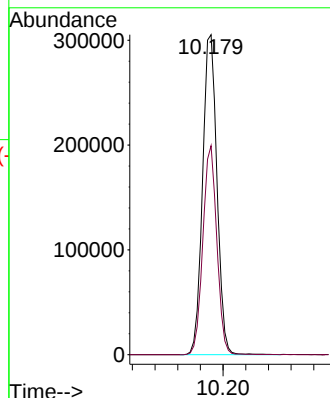
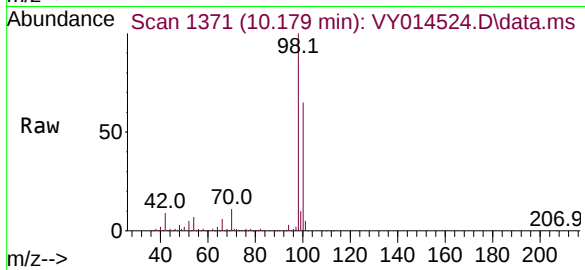
BAYONNE-COMP

Tgt Ion: 98 Resp: 537727

Ion Ratio Lower Upper

98 100

100 63.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 46.327 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014524.D

Acq: 30 Jun 2023 18:40

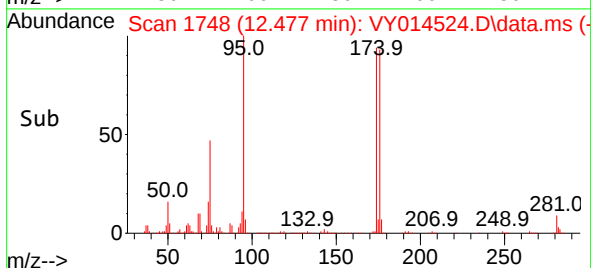
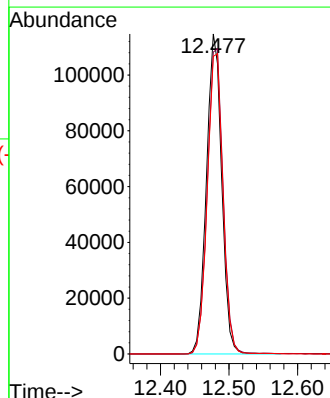
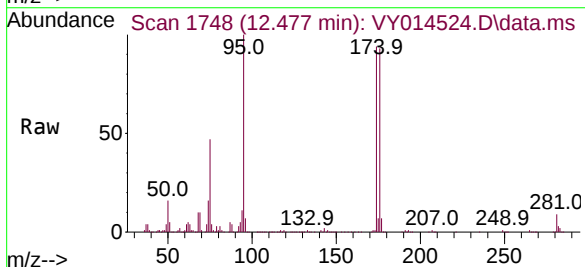
Tgt Ion: 95 Resp: 177868

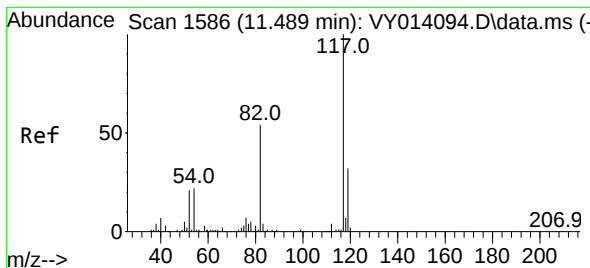
Ion Ratio Lower Upper

95 100

174 98.6 0.0 178.2

176 96.4 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: VY014524.D

Acq: 30 Jun 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

BAYONNE-COMP

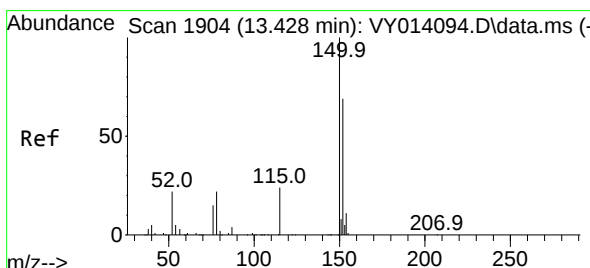
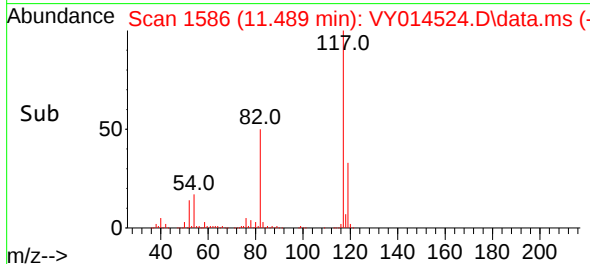
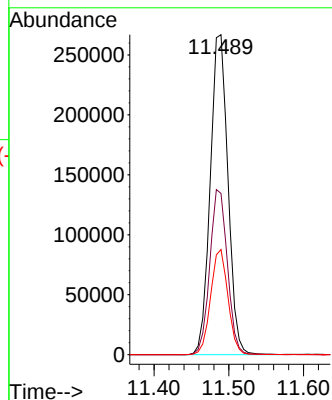
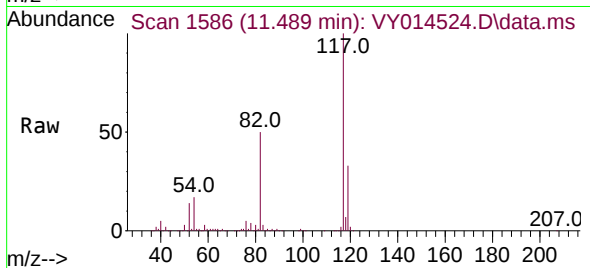
Tgt Ion:117 Resp: 439036

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 32.9 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: VY014524.D

Acq: 30 Jun 2023 18:40

Tgt Ion:152 Resp: 211945

Ion Ratio Lower Upper

152 100

115 53.9 28.8 86.5

150 156.8 0.0 348.8

