

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014479.D
 Acq On : 28 Jun 2023 14:35
 Operator : KP/MD
 Sample : 03434-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2665

Quant Time: Jun 29 02:18:00 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	23557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	31902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12089	41.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.660%
35) Dibromofluoromethane	7.716	113	9783	49.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.179	98	36231	46.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.483	95	8789	31.422	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.840%

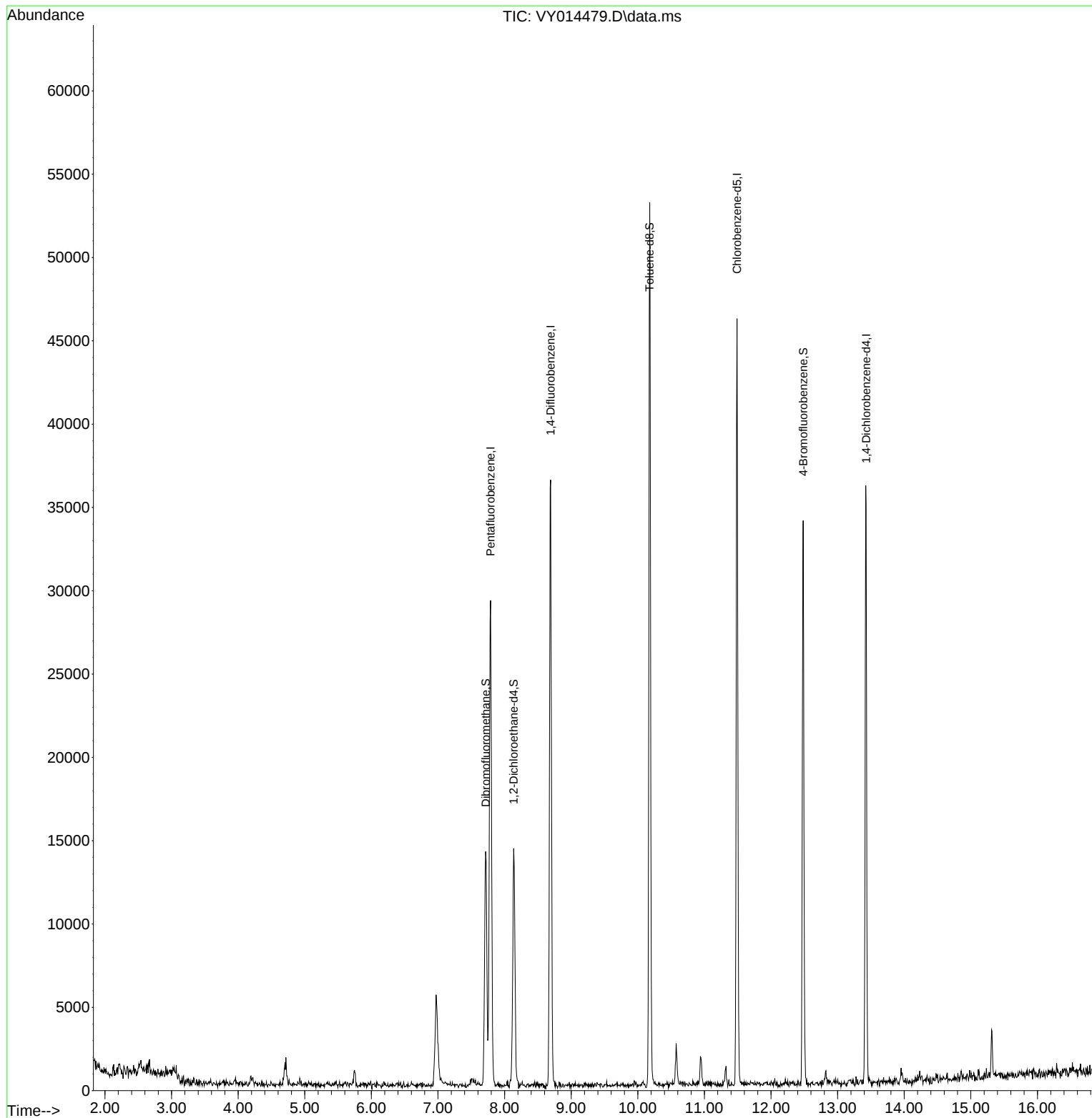
Target Compounds	Qvalue

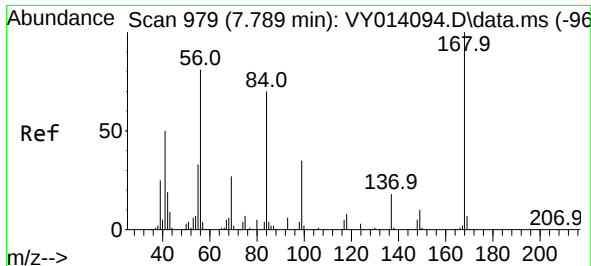
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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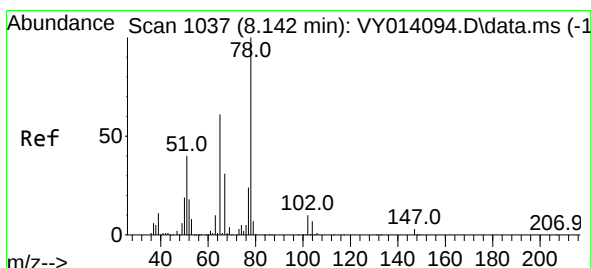
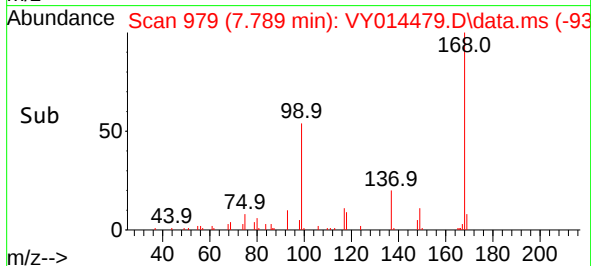
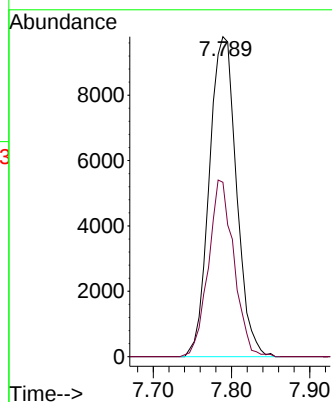
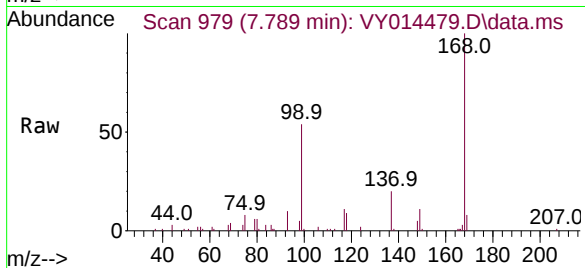




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014479.D
Acq: 28 Jun 2023 14:35

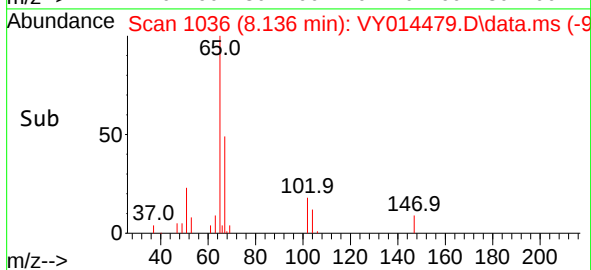
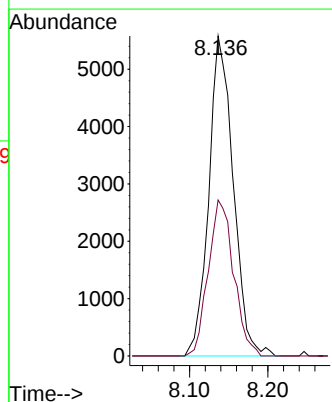
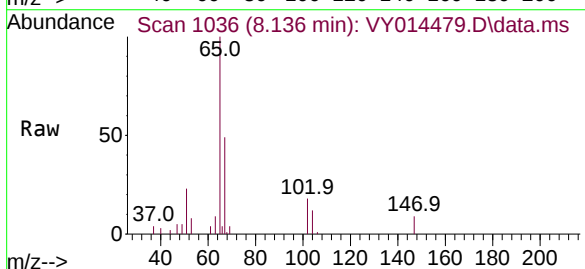
Instrument :
MSVOA_Y
ClientSampleId :
RT2665

Tgt Ion:168 Resp: 23557
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 41.333 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014479.D
Acq: 28 Jun 2023 14:35

Tgt Ion: 65 Resp: 12089
Ion Ratio Lower Upper
65 100
67 50.6 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: VY014479.D

Acq: 28 Jun 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

RT2665

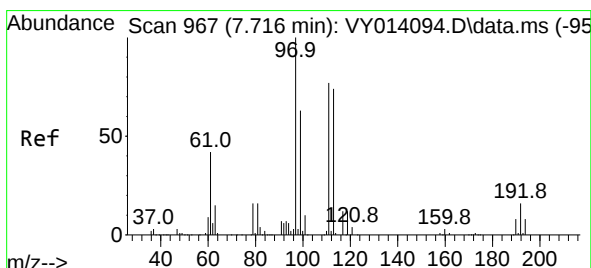
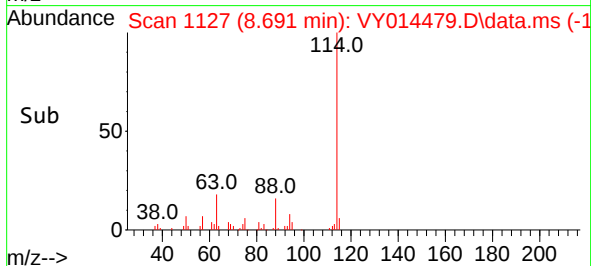
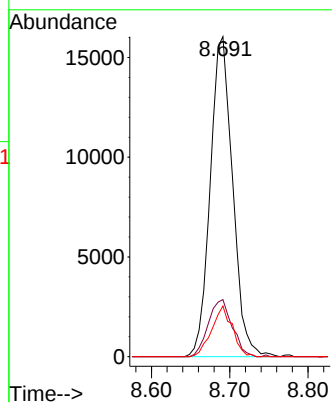
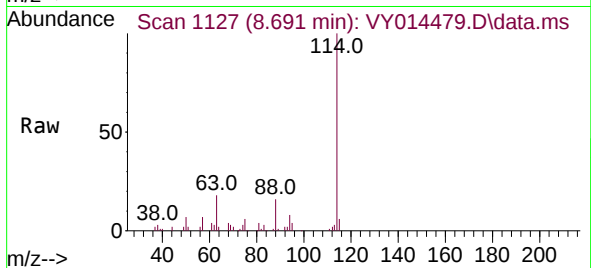
Tgt Ion:114 Resp: 31902

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.635 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014479.D

Acq: 28 Jun 2023 14:35

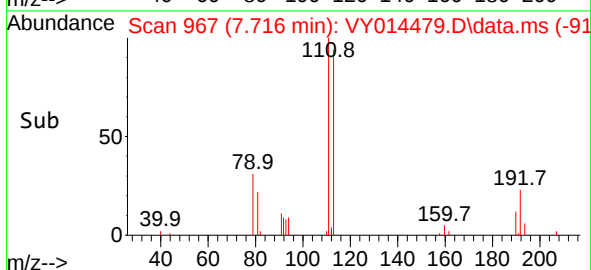
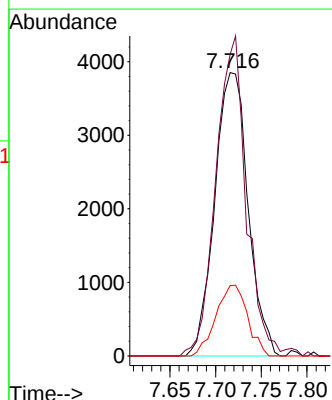
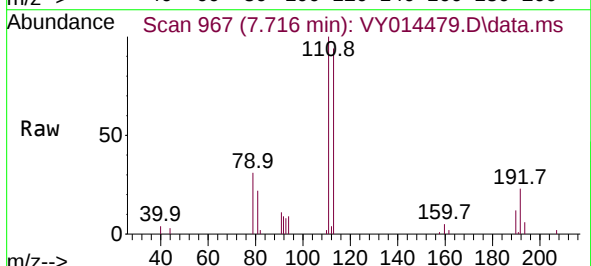
Tgt Ion:113 Resp: 9783

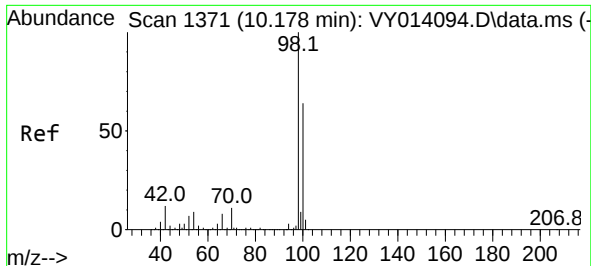
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 23.6 16.9 25.3

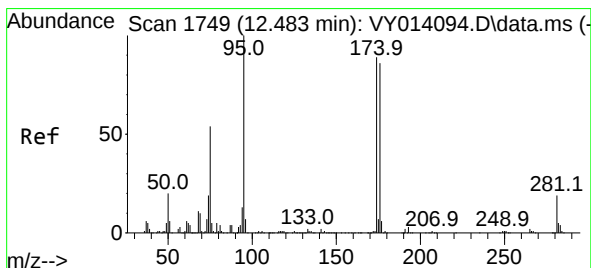
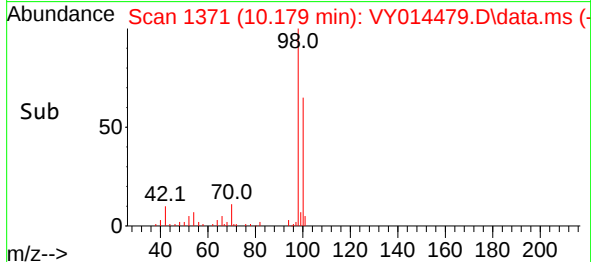
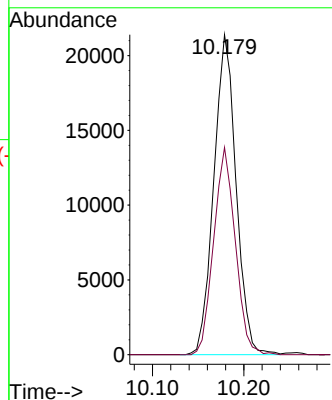
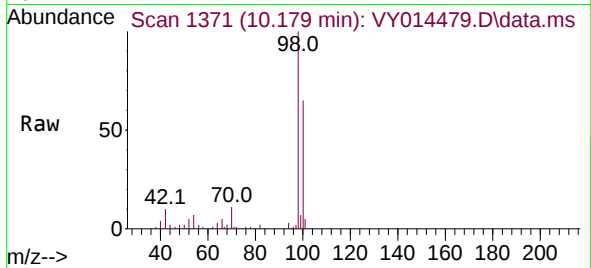




#50
Toluene-d8
Concen: 46.243 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014479.D
Acq: 28 Jun 2023 14:35

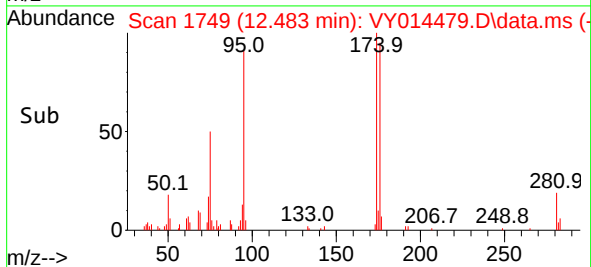
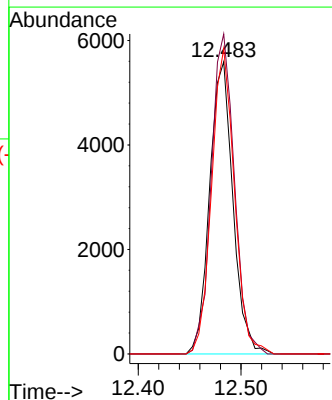
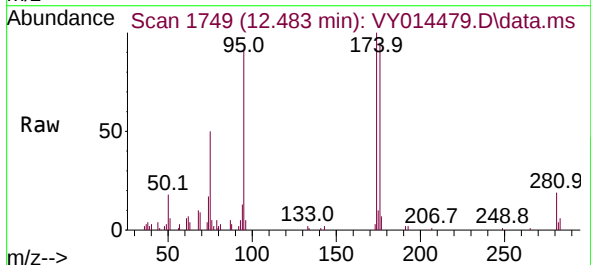
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MSVOA_Y
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RT2665

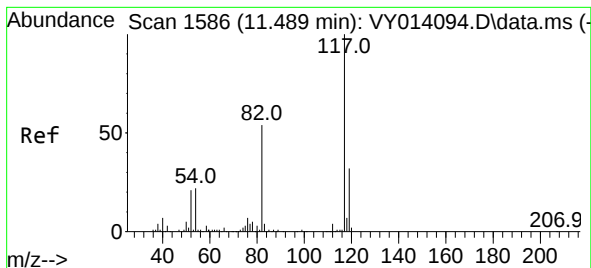
Tgt Ion: 98 Resp: 36231
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 31.422 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014479.D
Acq: 28 Jun 2023 14:35

Tgt Ion: 95 Resp: 8789
Ion Ratio Lower Upper
95 100
174 108.7 0.0 178.2
176 102.4 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: VY014479.D

Acq: 28 Jun 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

RT2665

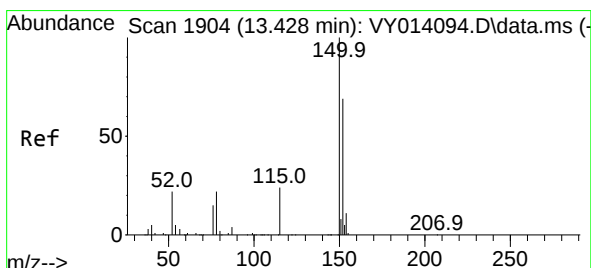
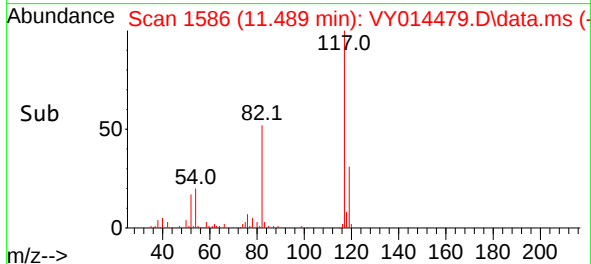
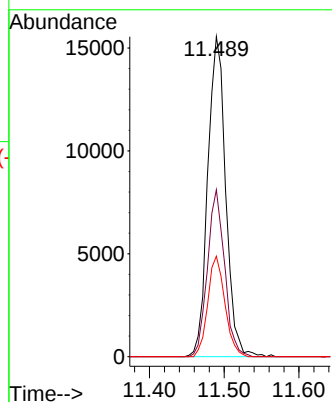
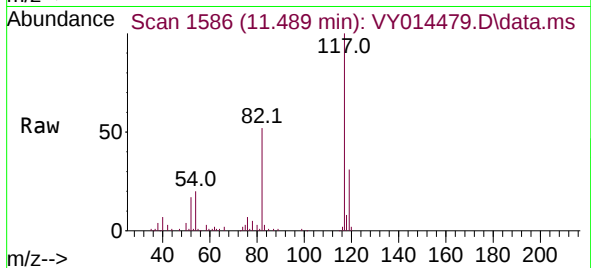
Tgt Ion:117 Resp: 25878

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014479.D

Acq: 28 Jun 2023 14:35

Tgt Ion:152 Resp: 10575

Ion Ratio Lower Upper

152 100

115 51.2 28.8 86.5

150 146.0 0.0 348.8

