

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014874.D
 Acq On : 27 Jul 2023 11:57
 Operator : SY/MD
 Sample : 03686-09
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29-0-2-20230721

Quant Time: Jul 28 02:36:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	165347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	276592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103313	54.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.660%
35) Dibromofluoromethane	7.710	113	92646	50.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.780%
50) Toluene-d8	10.173	98	344166	50.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.477	95	125955	48.463	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.920%

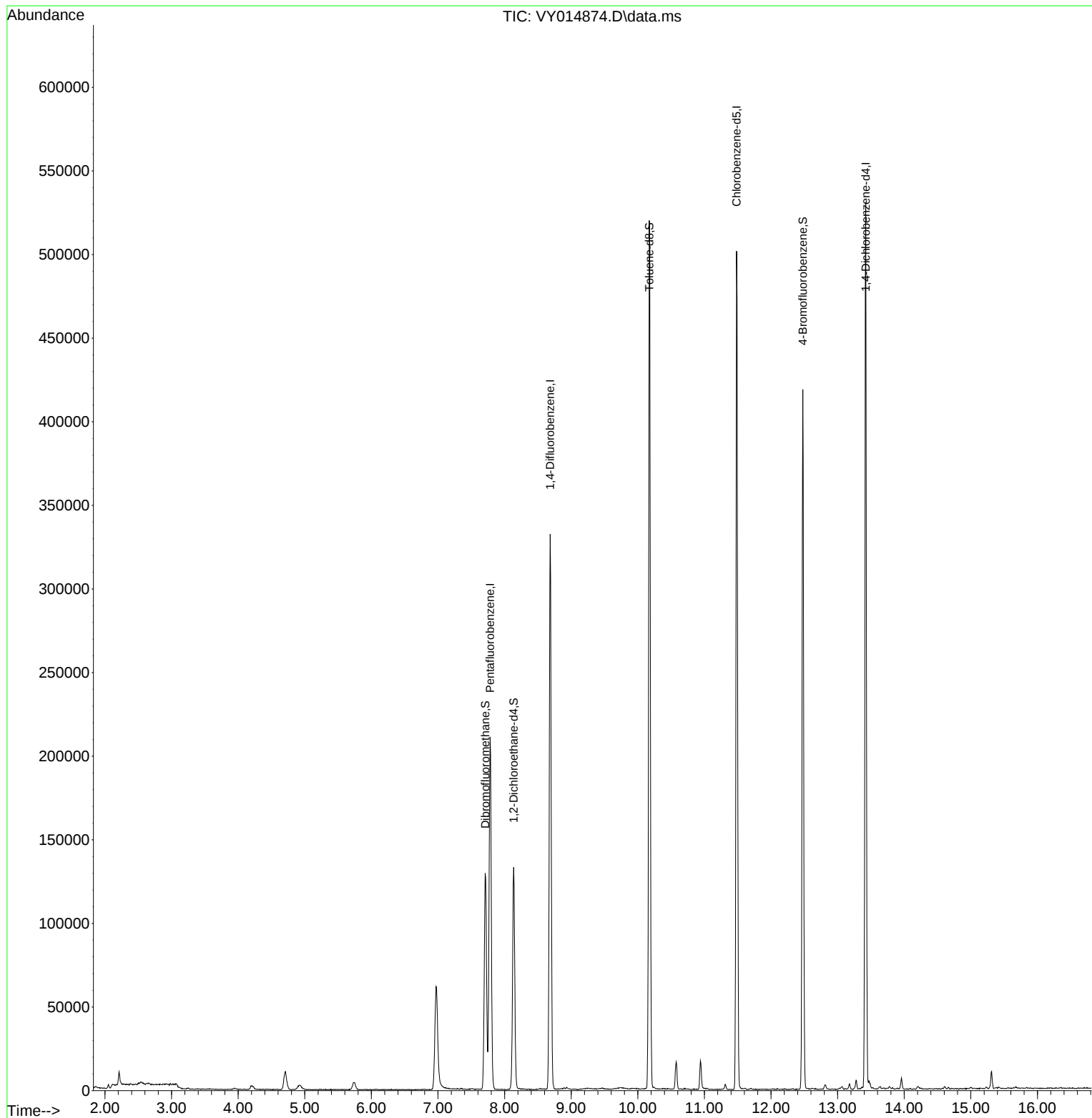
Target Compounds	Qvalue

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

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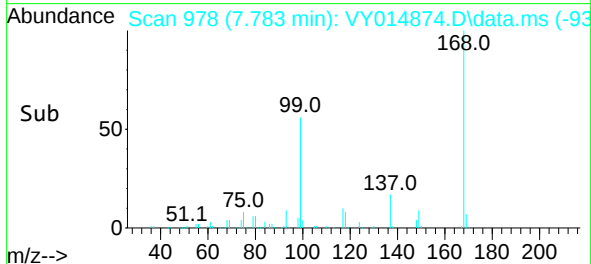
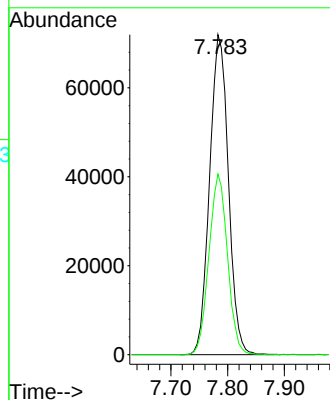
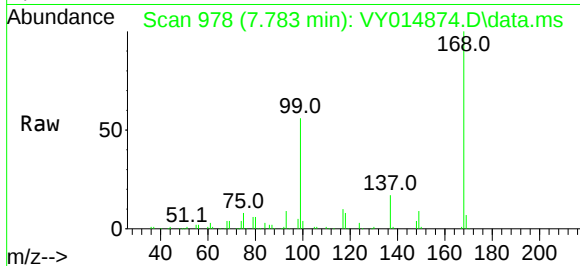




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014874.D
Acq: 27 Jul 2023 11:57

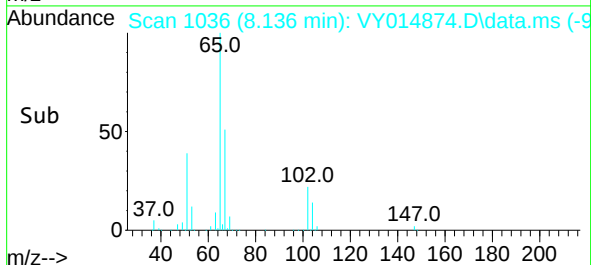
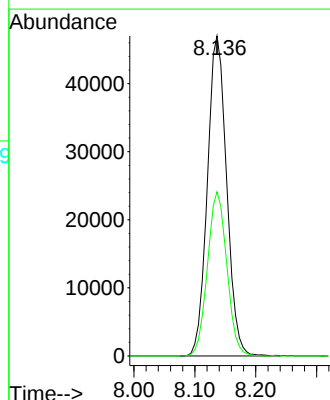
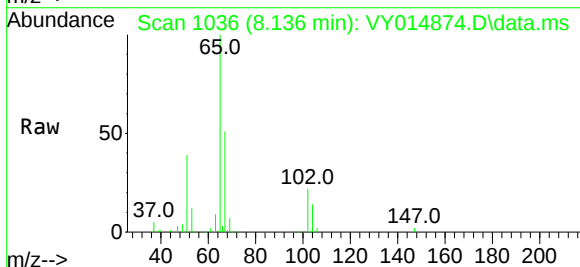
Instrument :
MSVOA_Y
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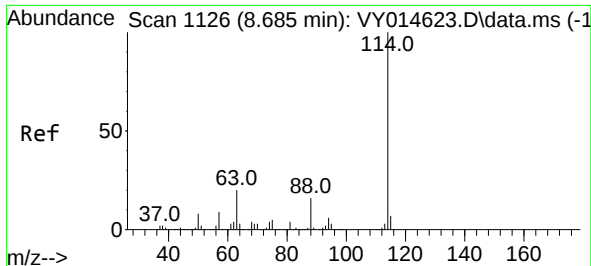
Tgt Ion:168 Resp: 165347
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.831 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014874.D
Acq: 27 Jul 2023 11:57

Tgt Ion: 65 Resp: 103313
Ion Ratio Lower Upper
65 100
67 51.4 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: VY014874.D

Acq: 27 Jul 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-29-0-2-20230721

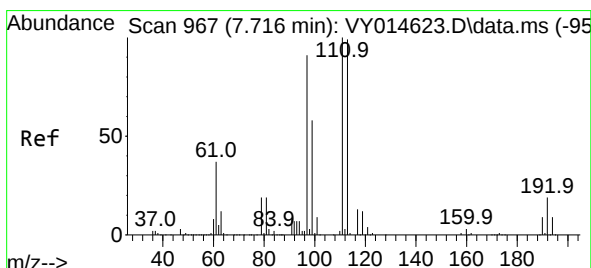
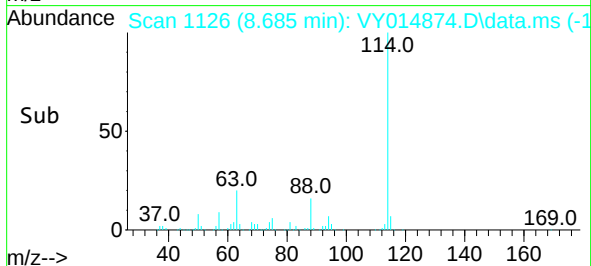
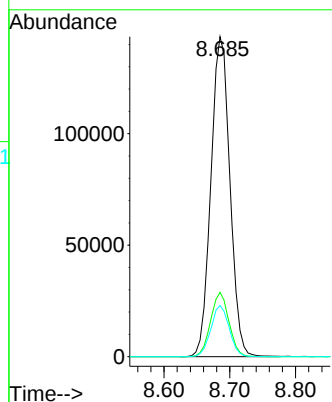
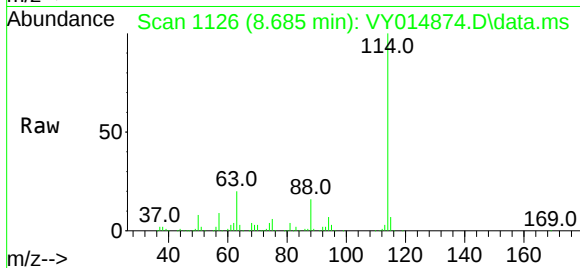
Tgt Ion:114 Resp: 288808

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.393 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014874.D

Acq: 27 Jul 2023 11:57

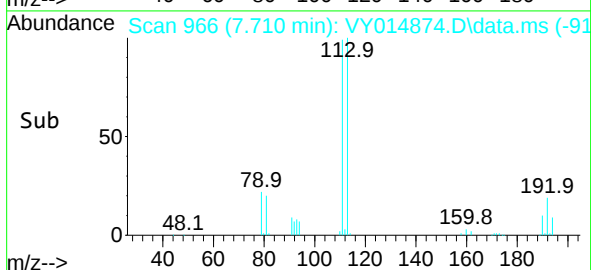
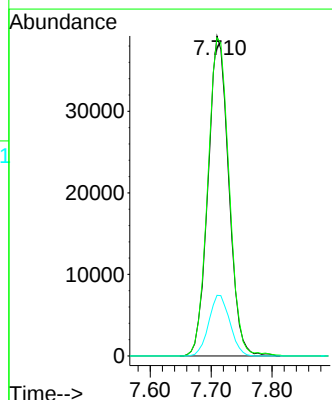
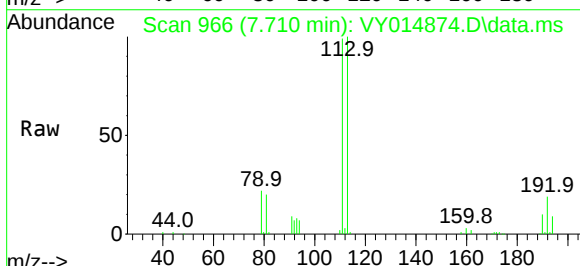
Tgt Ion:113 Resp: 92646

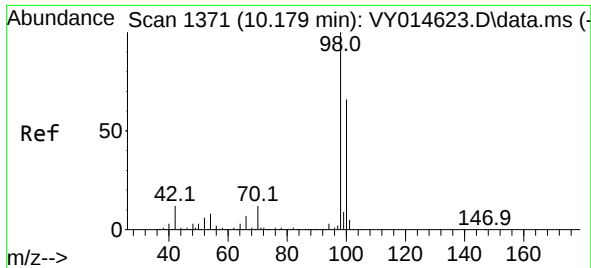
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.3 16.9 25.3

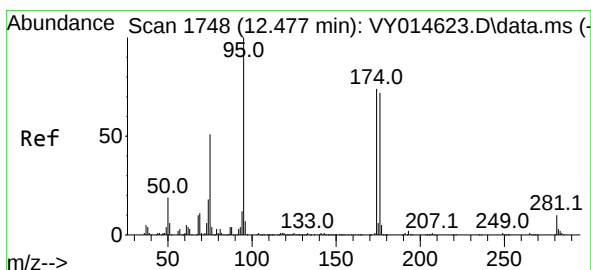
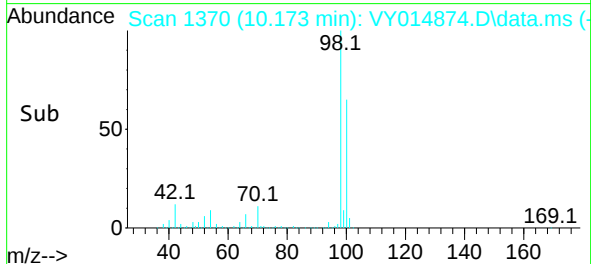
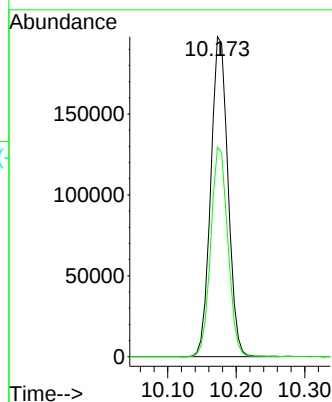
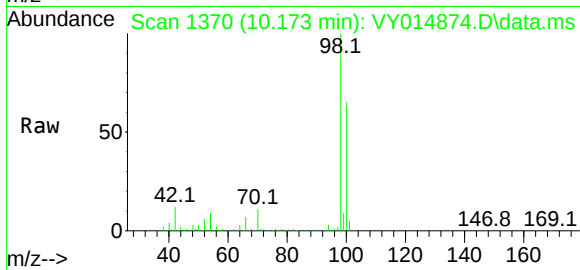




#50
Toluene-d8
Concen: 50.776 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014874.D
Acq: 27 Jul 2023 11:57

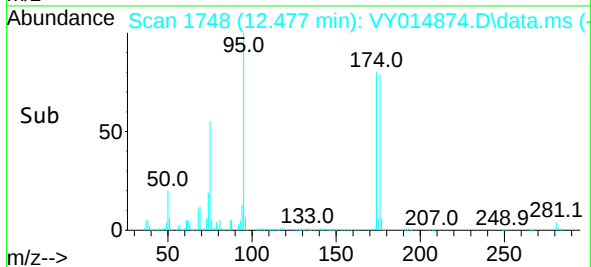
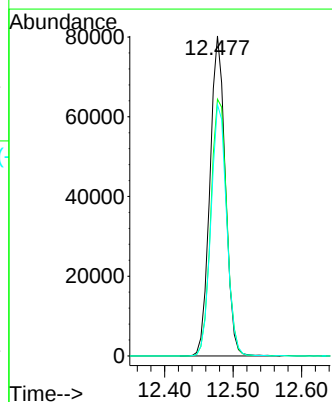
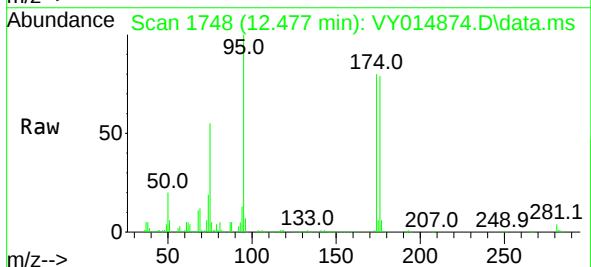
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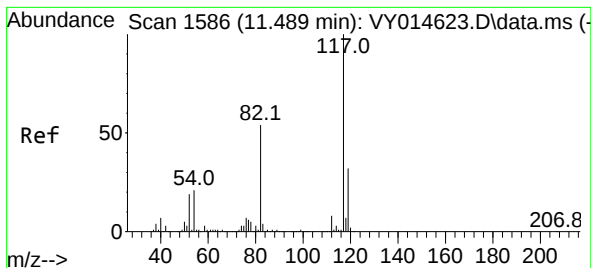
Tgt Ion: 98 Resp: 344166
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.463 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014874.D
Acq: 27 Jul 2023 11:57

Tgt Ion: 95 Resp: 125955
Ion Ratio Lower Upper
95 100
174 83.3 0.0 178.2
176 79.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014874.D

Acq: 27 Jul 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-29-0-2-20230721

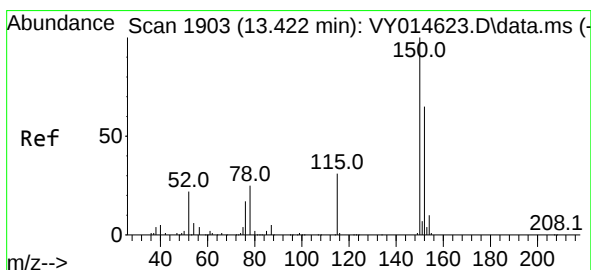
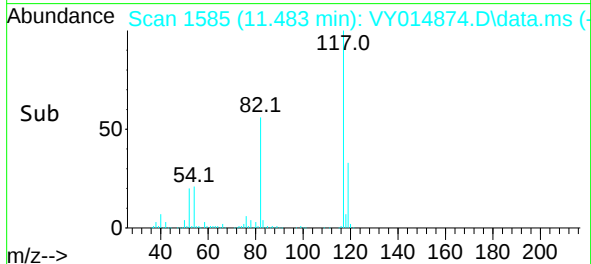
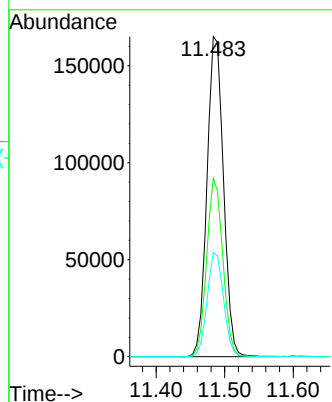
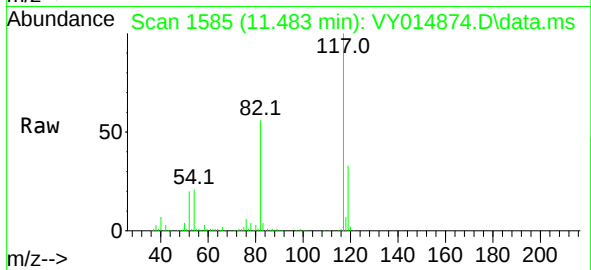
Tgt Ion:117 Resp: 276592

Ion Ratio Lower Upper

117 100

82 55.9 43.4 65.0

119 32.5 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: VY014874.D

Acq: 27 Jul 2023 11:57

Tgt Ion:152 Resp: 131624

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 157.0 0.0 348.8

