

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014784.D
 Acq On : 24 Jul 2023 19:51
 Operator : SY/MD
 Sample : 03724-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 363

Quant Time: Jul 25 01:33:03 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	7.789	168	20108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	32911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	28277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11179	48.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.580%
35) Dibromofluoromethane	7.722	113	9311	44.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.880%
50) Toluene-d8	10.179	98	37978	49.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.477	95	11644	39.316	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.640%

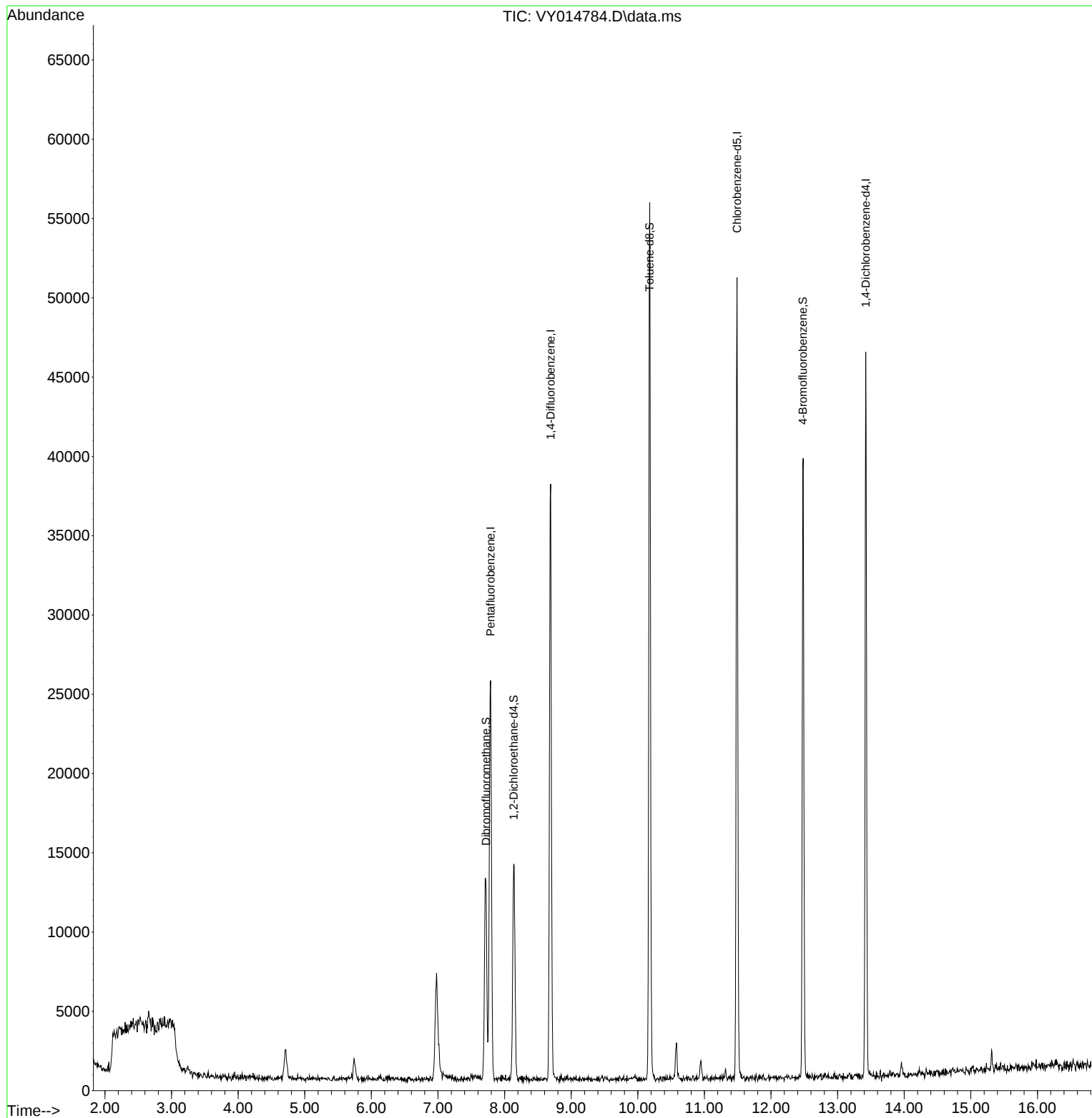
Target Compounds	Qvalue

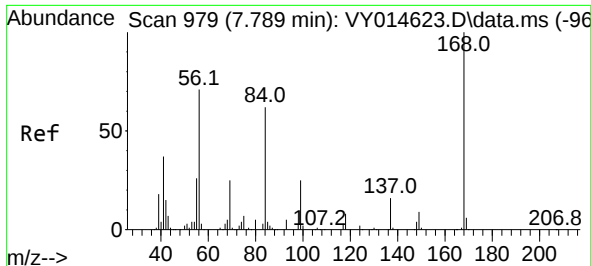
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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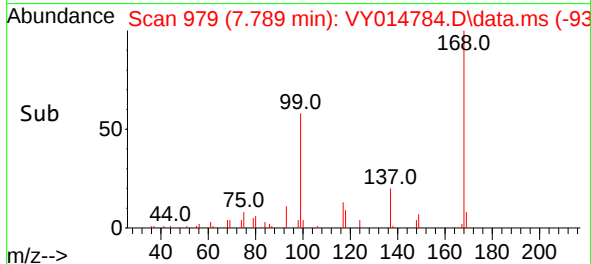
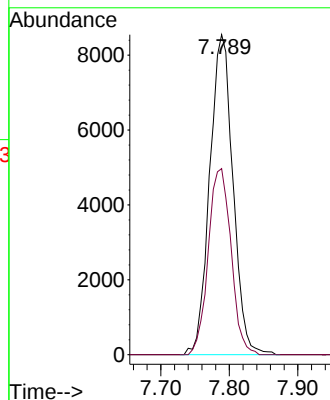
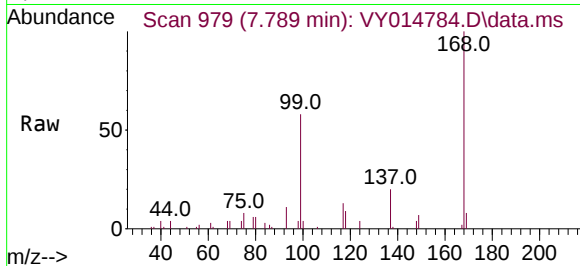




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014784.D
Acq: 24 Jul 2023 19:51

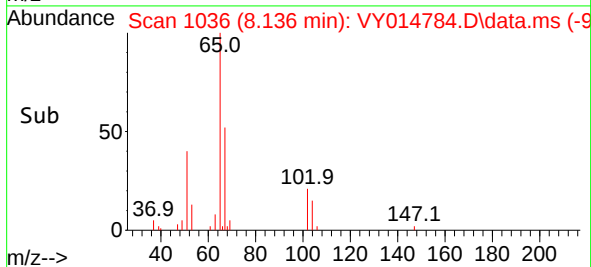
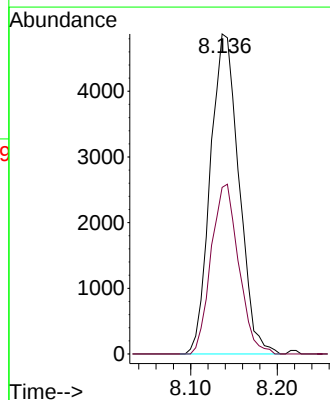
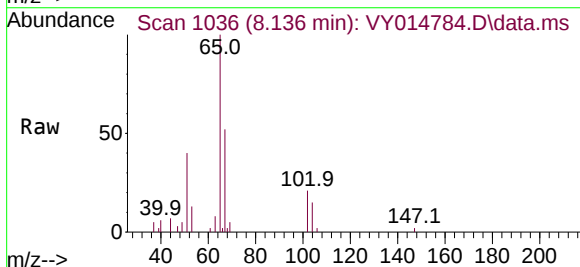
Instrument :
MSVOA_Y
ClientSampleId :
363

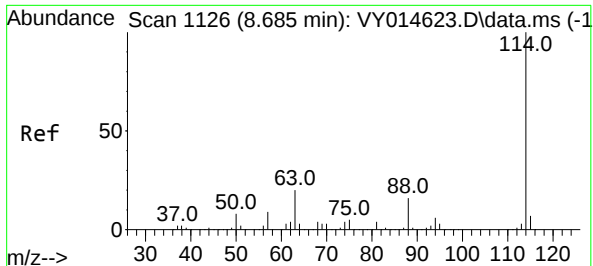
Tgt Ion:168 Resp: 20108
Ion Ratio Lower Upper
168 100
99 58.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.787 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014784.D
Acq: 24 Jul 2023 19:51

Tgt Ion: 65 Resp: 11179
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014784.D

Acq: 24 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

363

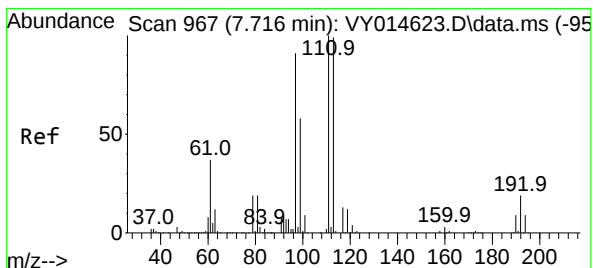
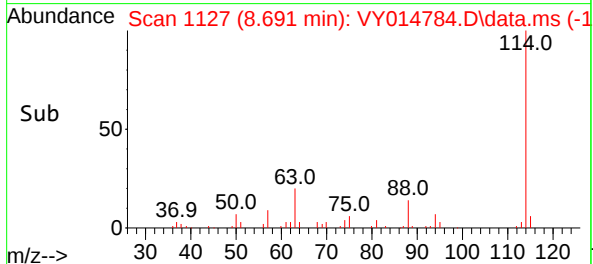
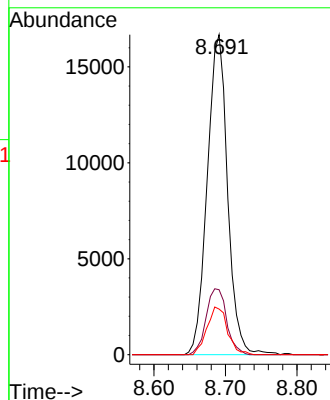
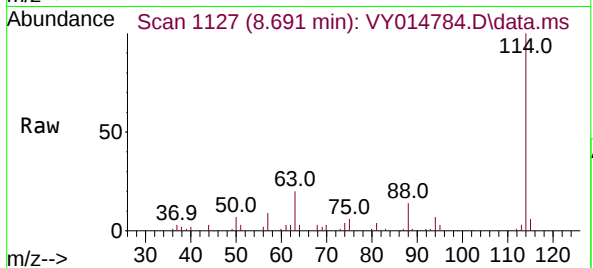
Tgt Ion:114 Resp: 32911

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.443 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014784.D

Acq: 24 Jul 2023 19:51

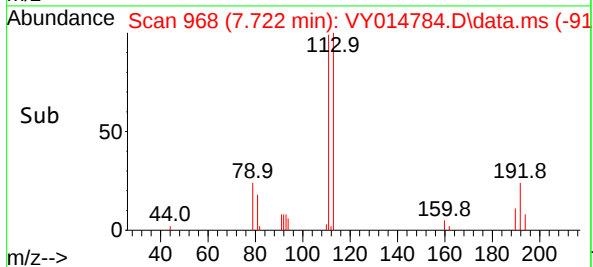
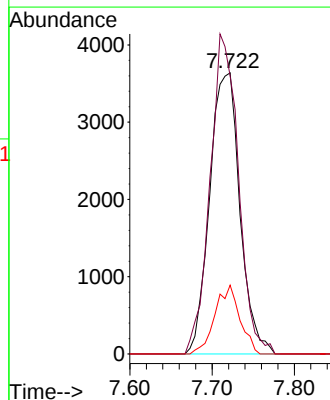
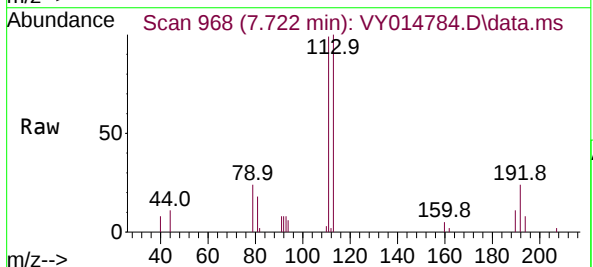
Tgt Ion:113 Resp: 9311

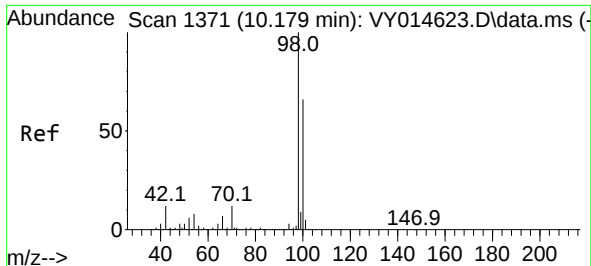
Ion Ratio Lower Upper

113 100

111 106.6 81.3 121.9

192 20.2 16.9 25.3

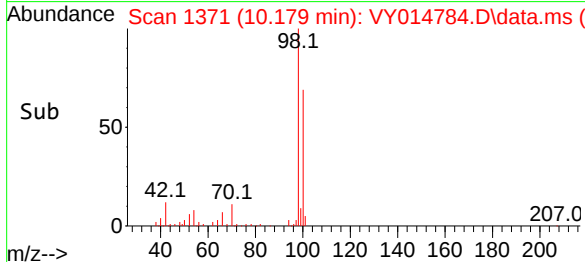
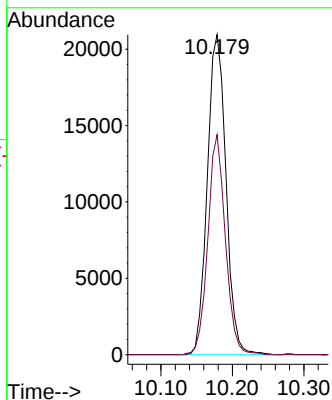
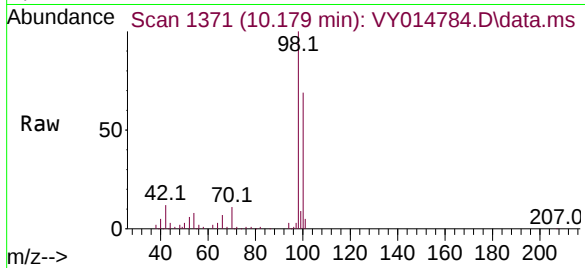




#50
Toluene-d8
Concen: 49.169 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014784.D
Acq: 24 Jul 2023 19:51

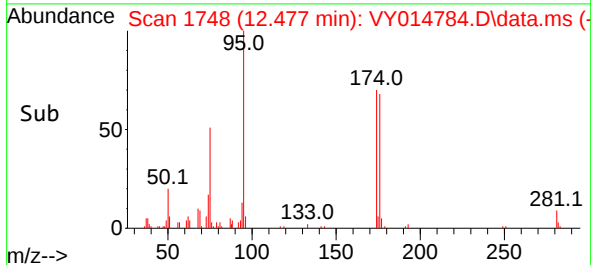
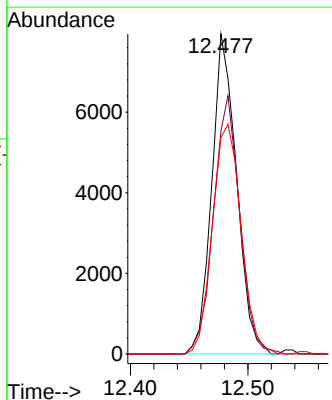
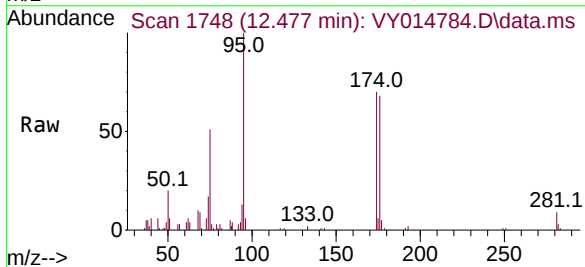
Instrument :
MSVOA_Y
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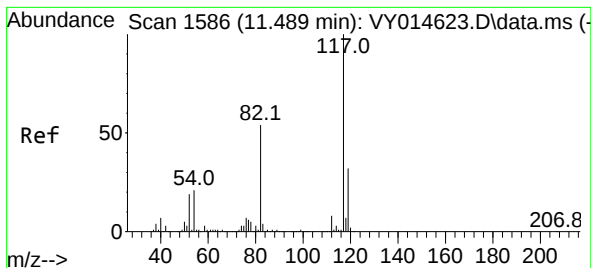
Tgt Ion: 98 Resp: 37978
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.316 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014784.D
Acq: 24 Jul 2023 19:51

Tgt Ion: 95 Resp: 11644
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.7 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: VY014784.D

Acq: 24 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

363

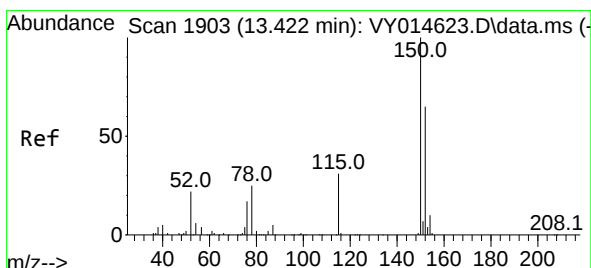
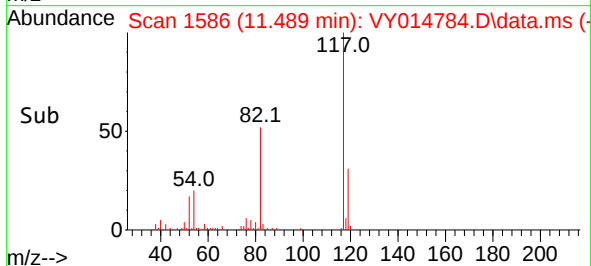
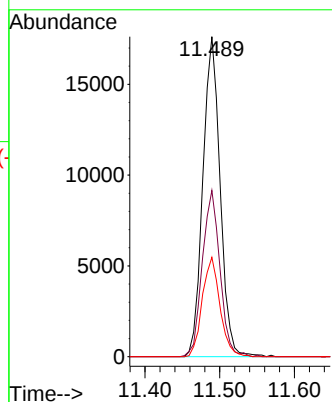
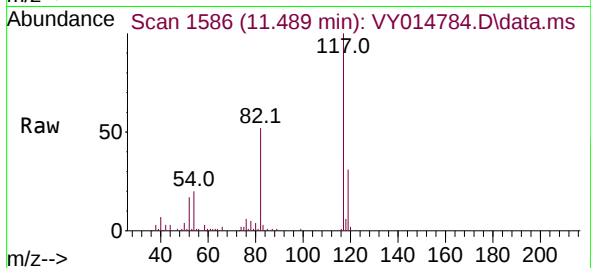
Tgt Ion:117 Resp: 28277

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 31.0 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: VY014784.D

Acq: 24 Jul 2023 19:51

Tgt Ion:152 Resp: 11493

Ion Ratio Lower Upper

152 100

115 60.8 28.8 86.5

150 160.9 0.0 348.8

