

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014603.D
 Acq On : 07 Jul 2023 17:43
 Operator : KP/MD
 Sample : 03555-07
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-203

Quant Time: Jul 08 03:47:53 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	7.783	168	215816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	338252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137790	64.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.360%
35) Dibromofluoromethane	7.710	113	119101	55.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.160%
50) Toluene-d8	10.179	98	425997	49.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.477	95	133074	44.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.680%

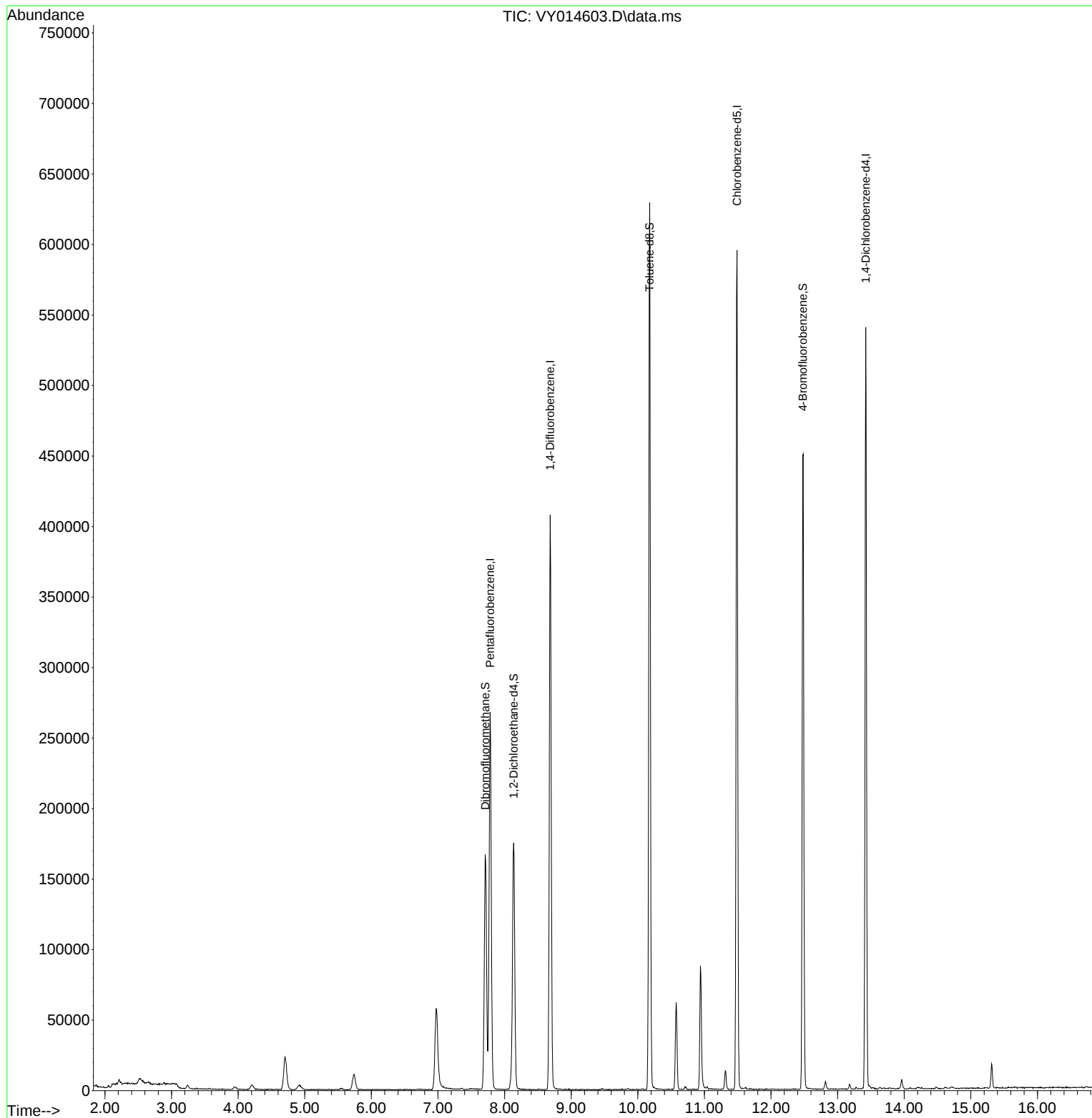
Target Compounds	Qvalue

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

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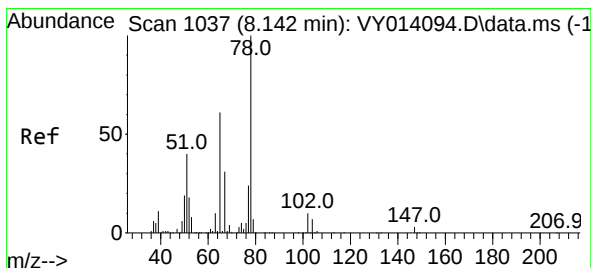
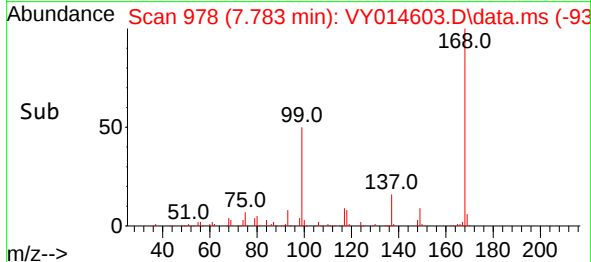
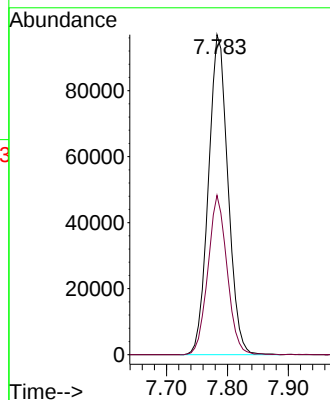
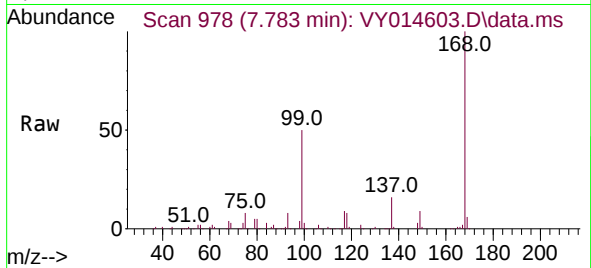




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014603.D
Acq: 07 Jul 2023 17:43

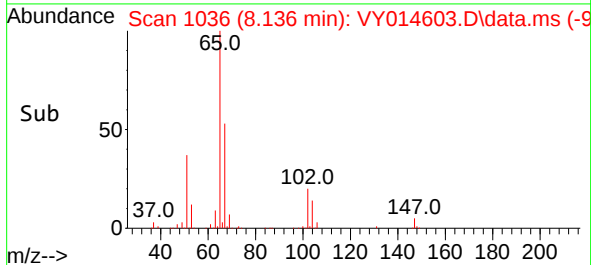
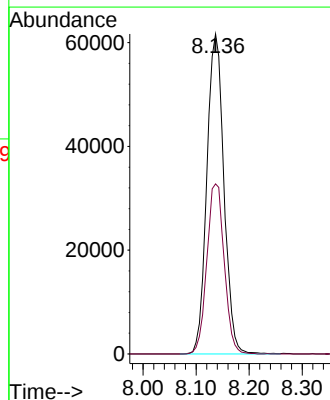
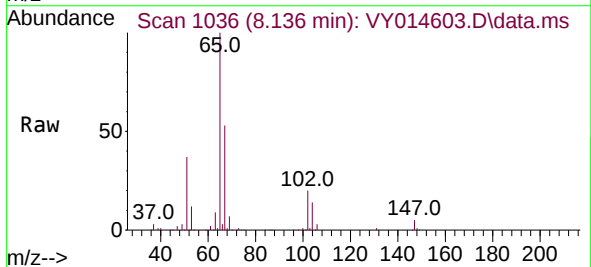
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Tgt Ion:168 Resp: 215816
Ion Ratio Lower Upper
168 100
99 49.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 64.181 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014603.D
Acq: 07 Jul 2023 17:43

Tgt Ion: 65 Resp: 137790
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014603.D

Acq: 07 Jul 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-203

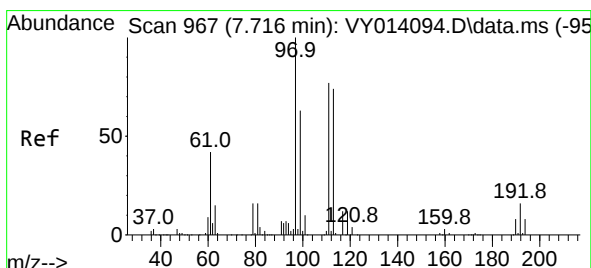
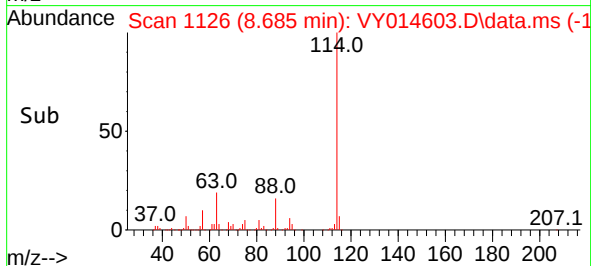
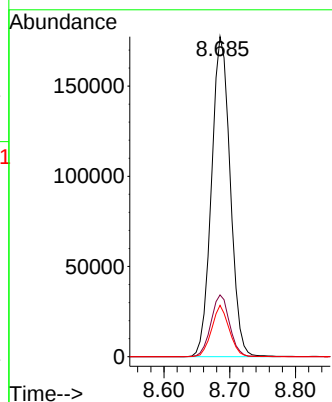
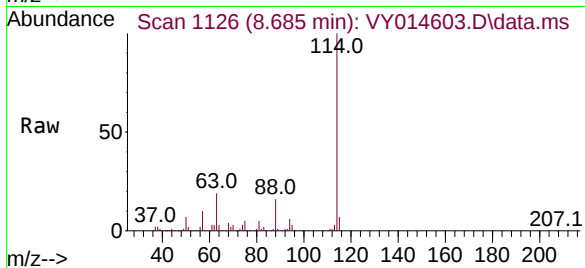
Tgt Ion:114 Resp: 351116

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.083 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014603.D

Acq: 07 Jul 2023 17:43

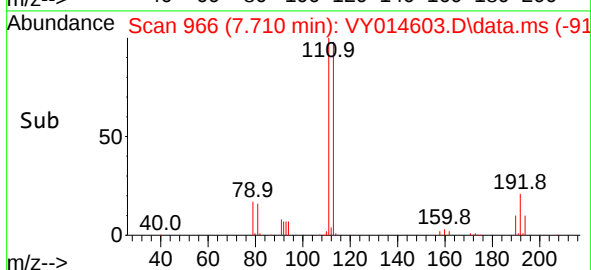
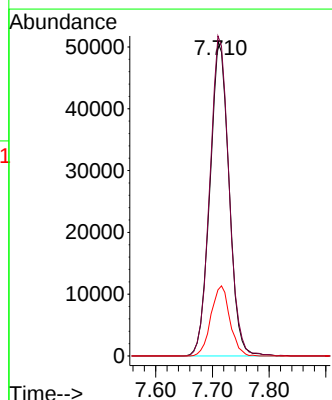
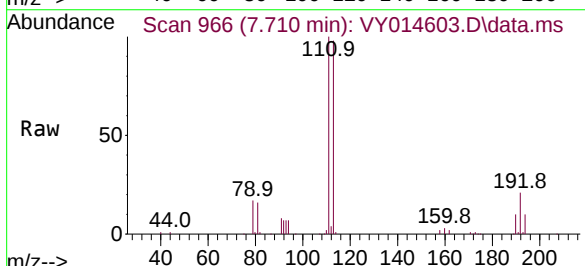
Tgt Ion:113 Resp: 119101

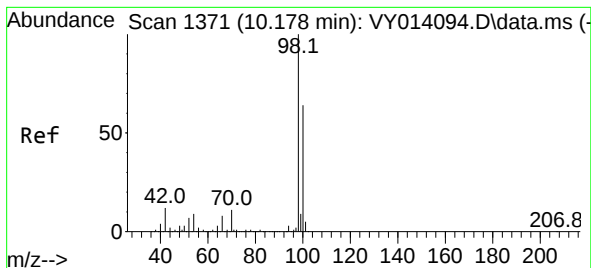
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 22.0 16.9 25.3

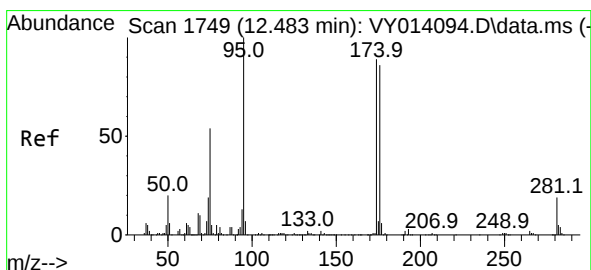
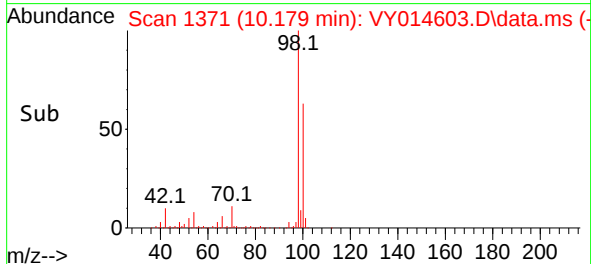
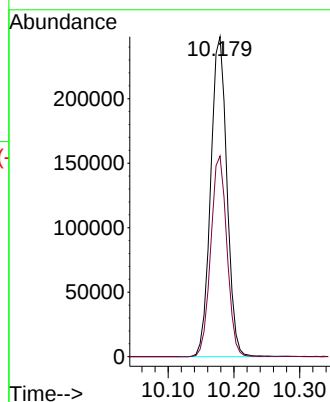
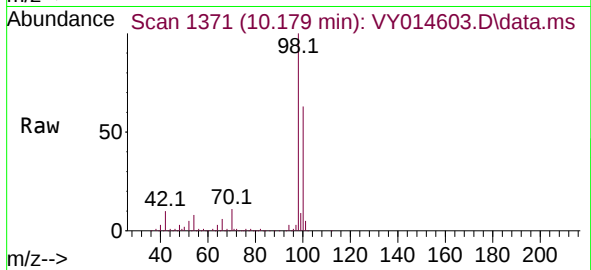




#50
Toluene-d8
Concen: 49.839 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014603.D
Acq: 07 Jul 2023 17:43

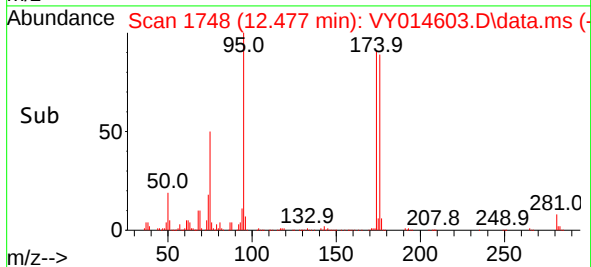
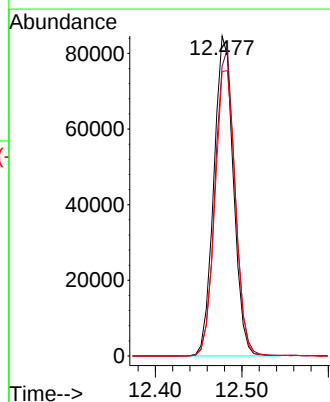
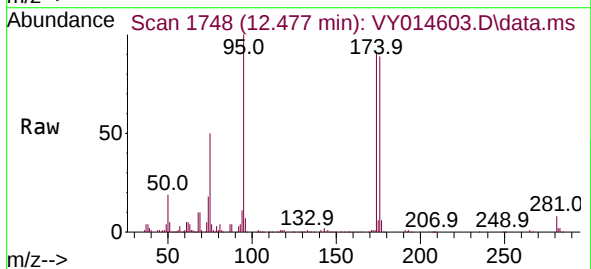
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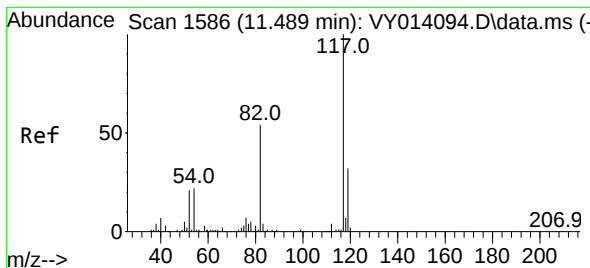
Tgt Ion: 98 Resp: 425997
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.836 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014603.D
Acq: 07 Jul 2023 17:43

Tgt Ion: 95 Resp: 133074
Ion Ratio Lower Upper
95 100
174 97.1 0.0 178.2
176 93.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014603.D

Acq: 07 Jul 2023 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-203

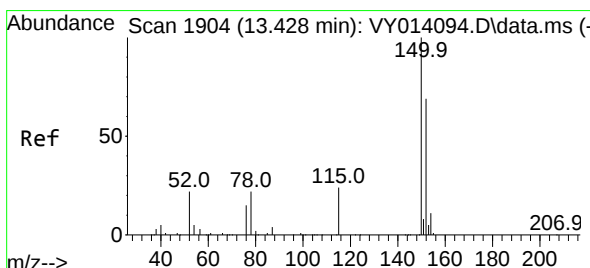
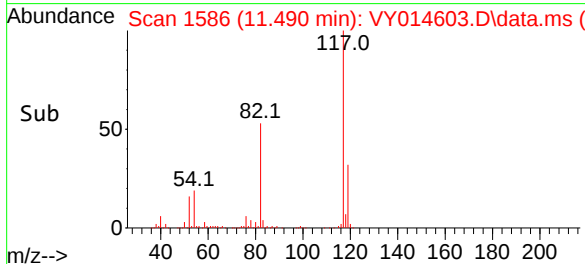
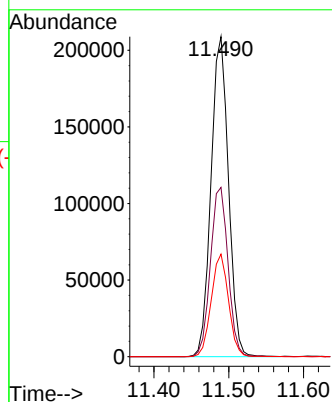
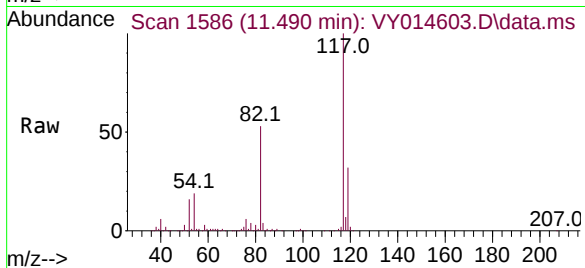
Tgt Ion:117 Resp: 338252

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.1 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: VY014603.D

Acq: 07 Jul 2023 17:43

Tgt Ion:152 Resp: 146951

Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.5

150 156.7 0.0 348.8

