

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014817.D
 Acq On : 25 Jul 2023 22:04
 Operator : SY/MD
 Sample : VY0725SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBL02

Quant Time: Jul 26 02:13:22 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	7.795	168	179635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	314972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134754	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104387	50.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.980%
35) Dibromofluoromethane	7.722	113	96163	47.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.920%
50) Toluene-d8	10.179	98	372882	50.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.483	95	132535	46.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.520%

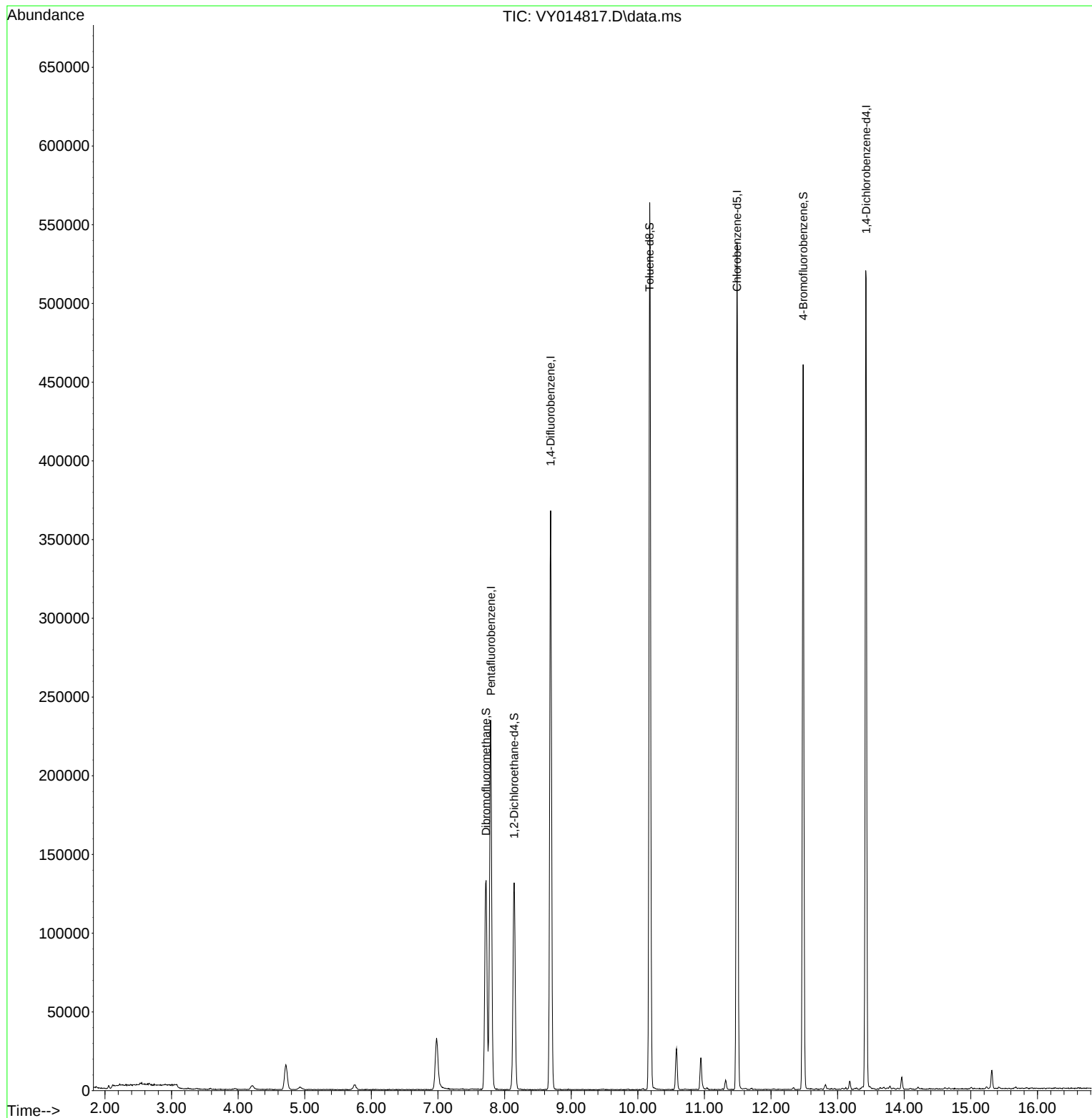
Target Compounds	Qvalue

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

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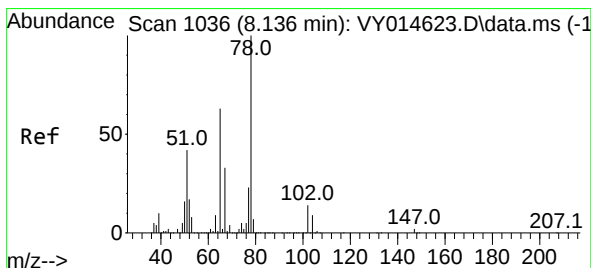
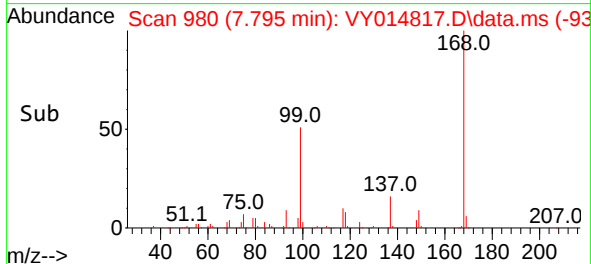
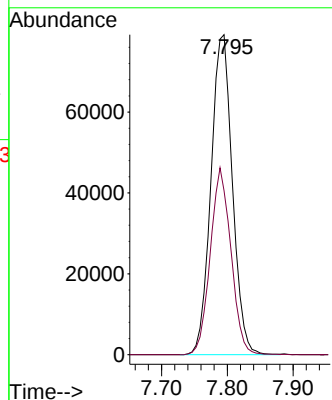
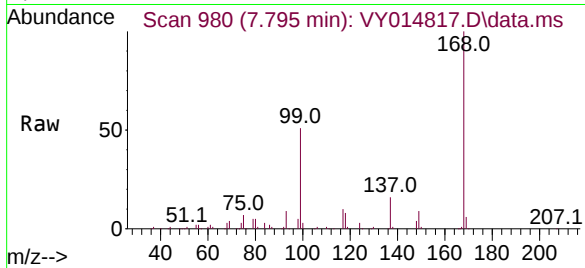




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014817.D
Acq: 25 Jul 2023 22:04

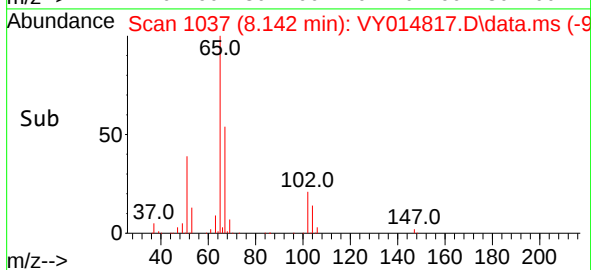
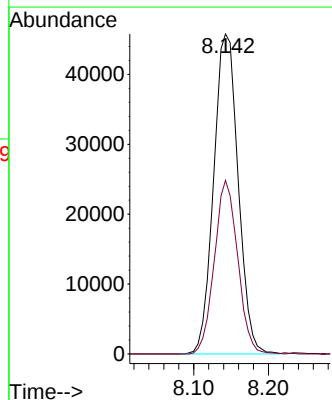
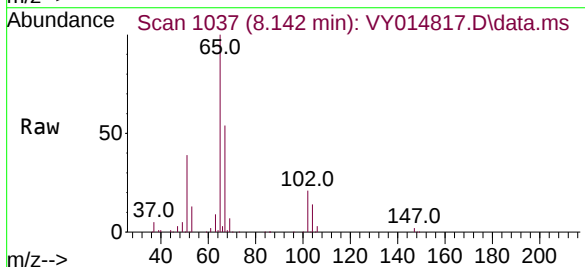
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL02

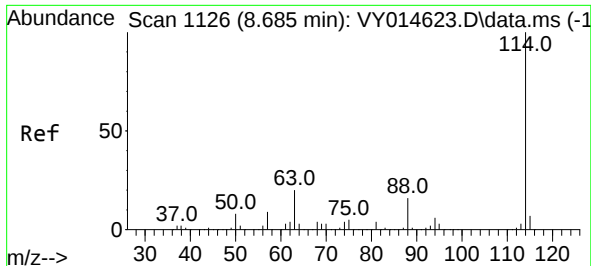
Tgt Ion:168 Resp: 179635
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.995 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014817.D
Acq: 25 Jul 2023 22:04

Tgt Ion: 65 Resp: 104387
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014817.D

Acq: 25 Jul 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBL02

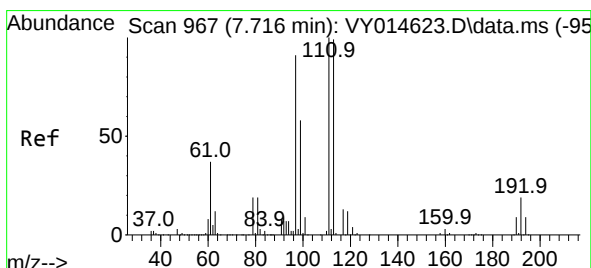
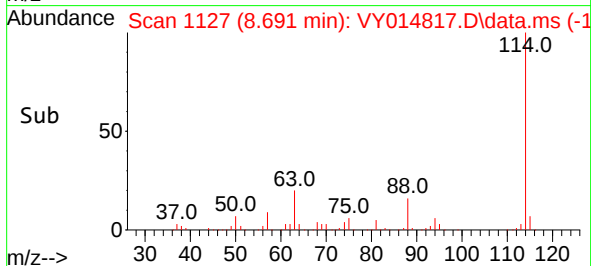
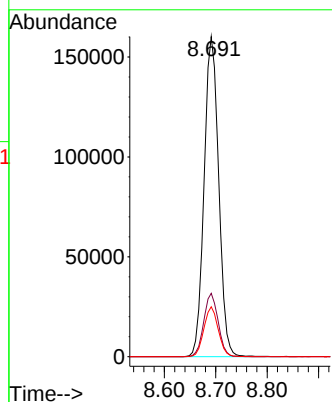
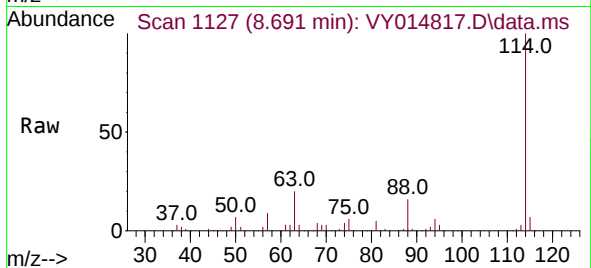
Tgt Ion:114 Resp: 314972

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.961 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014817.D

Acq: 25 Jul 2023 22:04

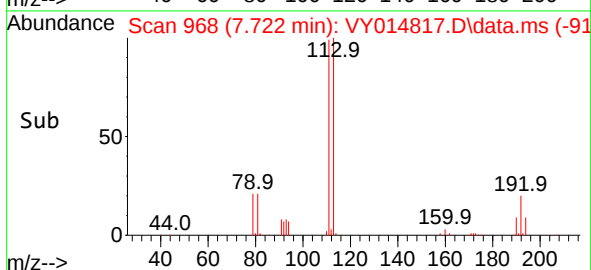
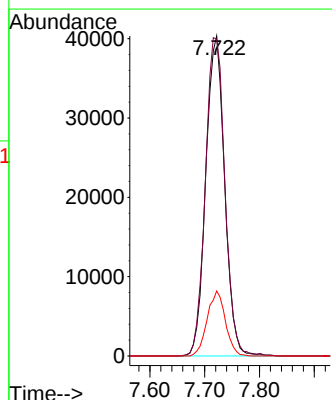
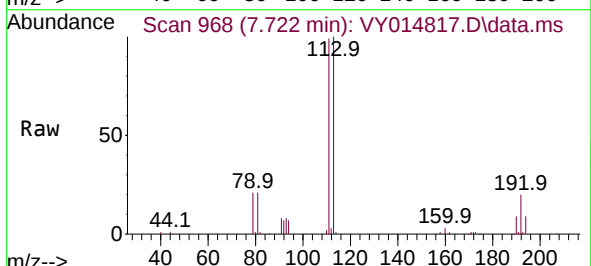
Tgt Ion:113 Resp: 96163

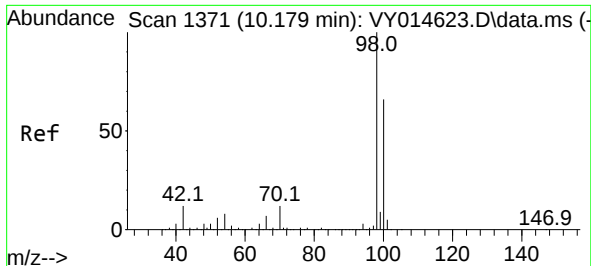
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.6 16.9 25.3

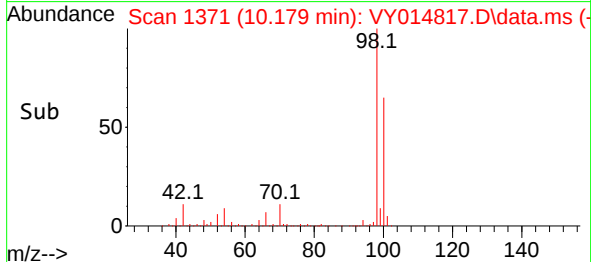
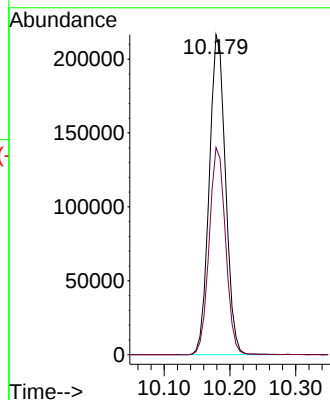
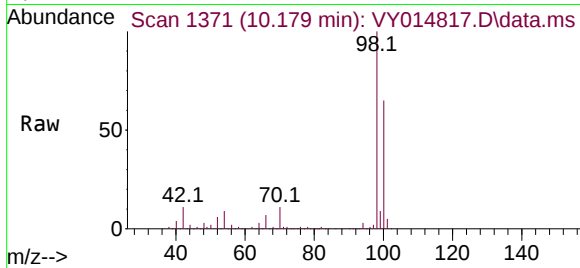




#50
Toluene-d8
Concen: 50.443 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY014817.D
Acq: 25 Jul 2023 22:04

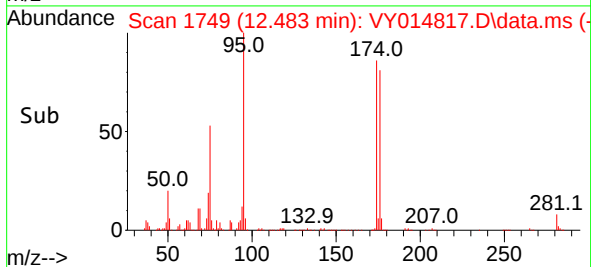
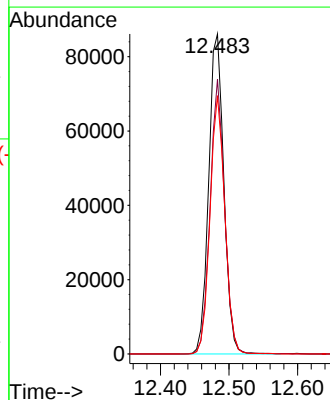
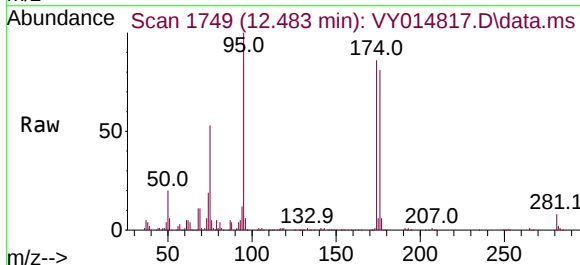
Instrument :
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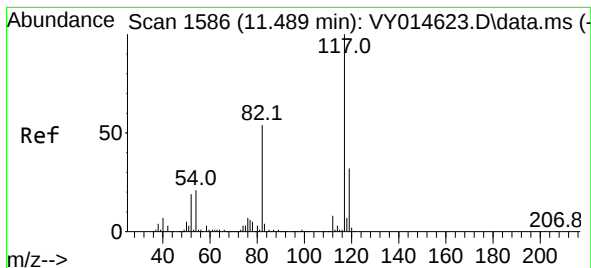
Tgt Ion: 98 Resp: 372882
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.759 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014817.D
Acq: 25 Jul 2023 22:04

Tgt Ion: 95 Resp: 132535
Ion Ratio Lower Upper
95 100
174 82.0 0.0 178.2
176 78.9 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: VY014817.D

Acq: 25 Jul 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBL02

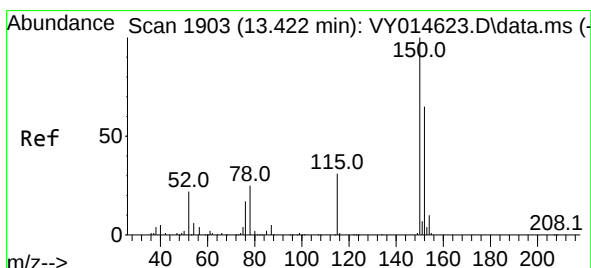
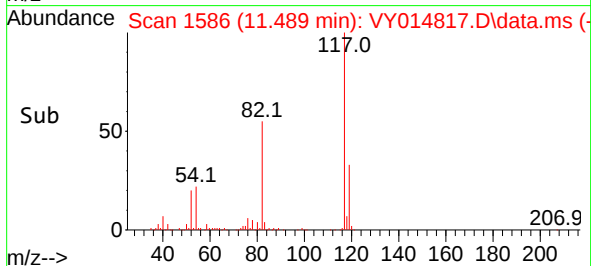
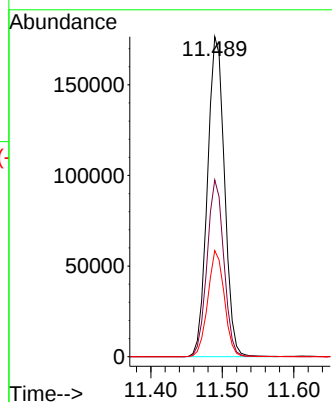
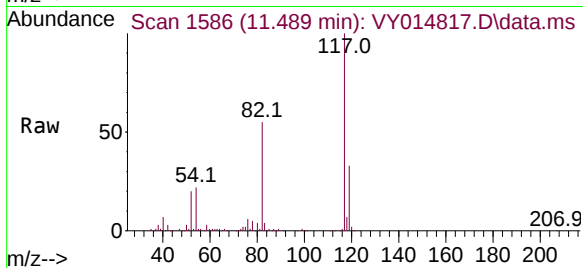
Tgt Ion:117 Resp: 292475

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 33.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014817.D

Acq: 25 Jul 2023 22:04

Tgt Ion:152 Resp: 134754

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 156.1 0.0 348.8

