

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014252.D
 Acq On : 20 Jun 2023 01:55
 Operator : KP/MD
 Sample : VY0619SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBL02

Quant Time: Jun 20 05:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	191081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	297788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122783	46.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.280%
35) Dibromofluoromethane	7.722	113	98430	46.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.220%
50) Toluene-d8	10.185	98	358474	45.403	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.483	95	112229	40.015	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.040%

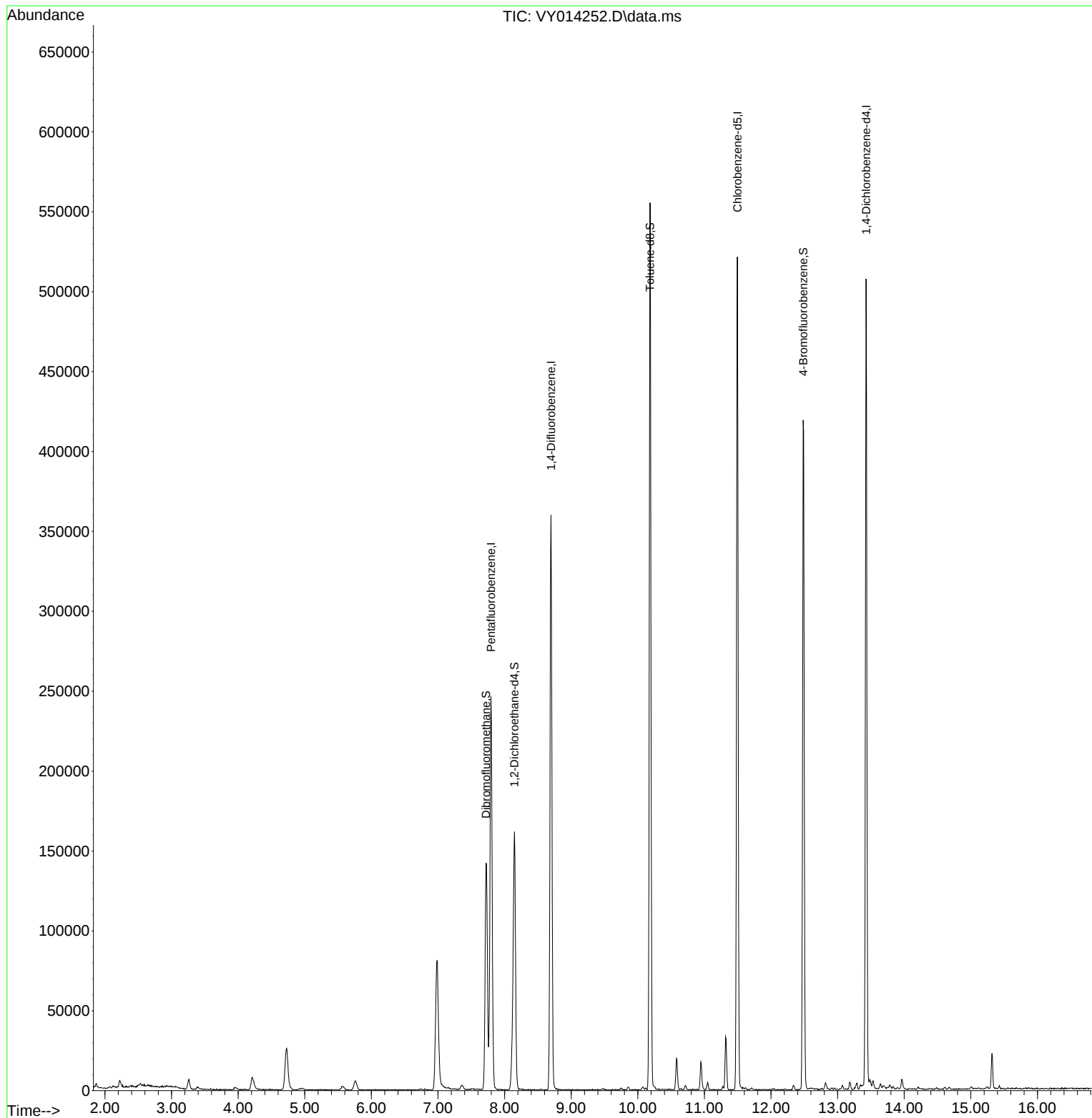
Target Compounds	Qvalue

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

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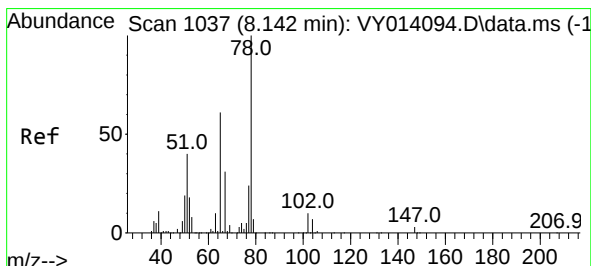
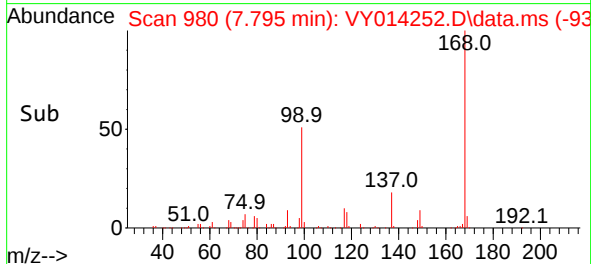
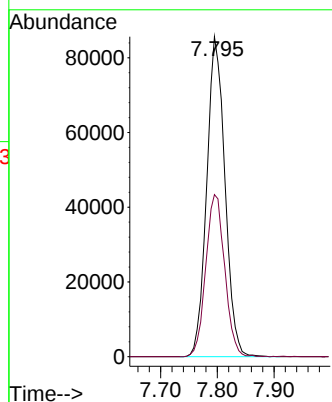
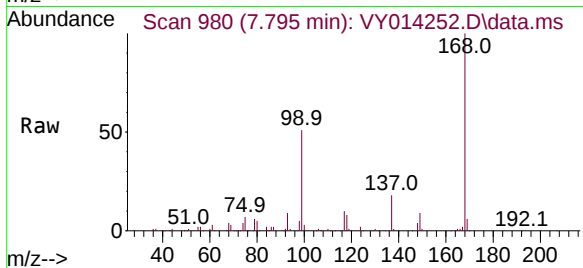




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014252.D
Acq: 20 Jun 2023 01:55

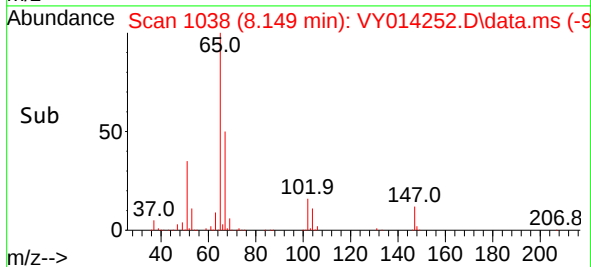
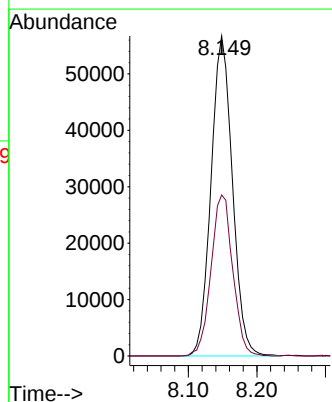
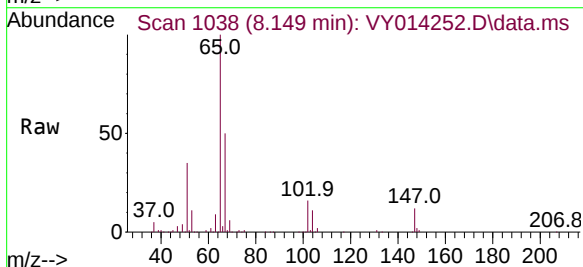
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL02

Tgt Ion:168 Resp: 191081
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 46.145 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014252.D
Acq: 20 Jun 2023 01:55

Tgt Ion: 65 Resp: 122783
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

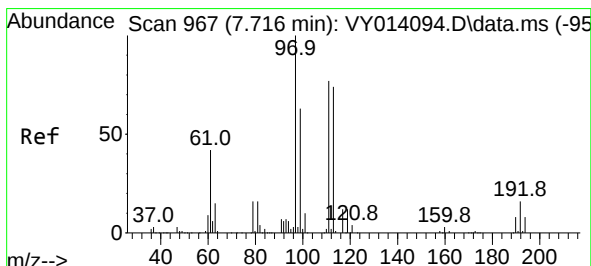
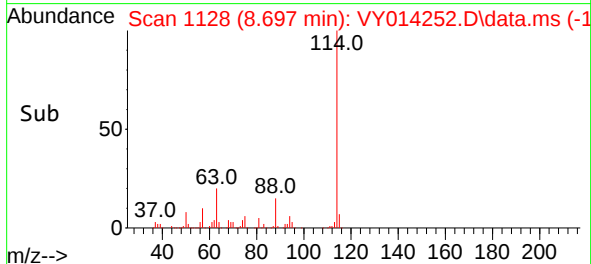
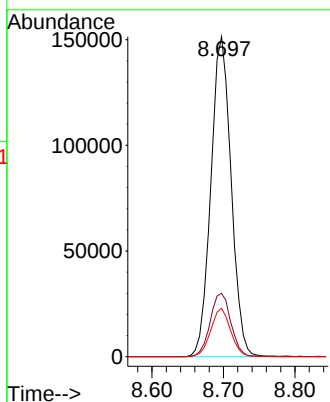
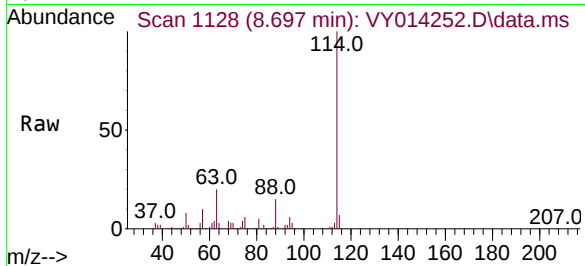




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014252.D
Acq: 20 Jun 2023 01:55

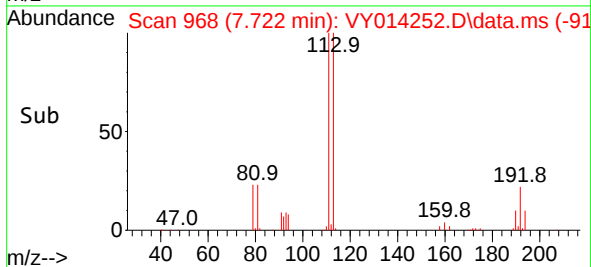
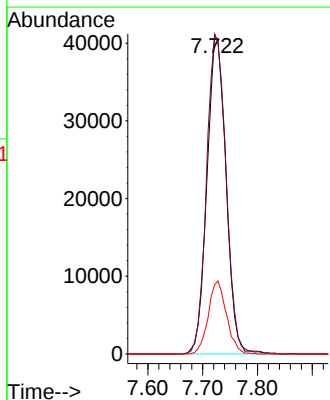
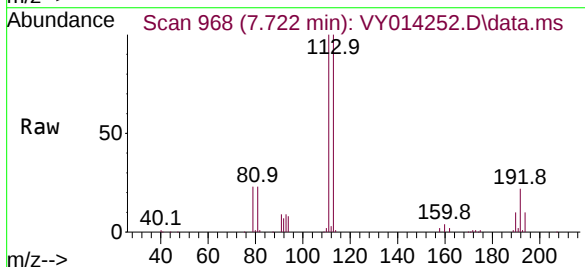
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL02

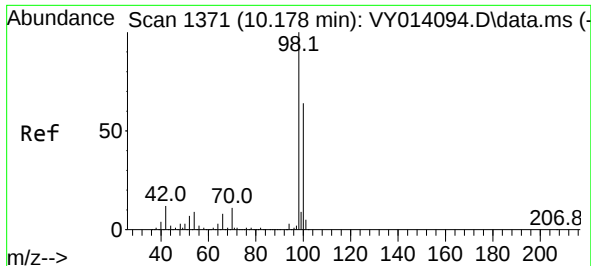
Tgt Ion:114 Resp: 297788
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.609 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014252.D
Acq: 20 Jun 2023 01:55

Tgt Ion:113 Resp: 98430
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 22.0 16.9 25.3

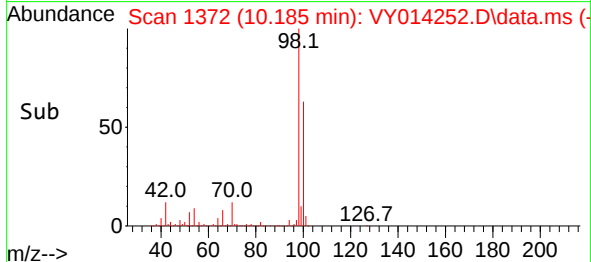
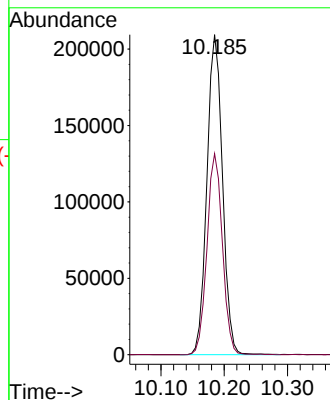
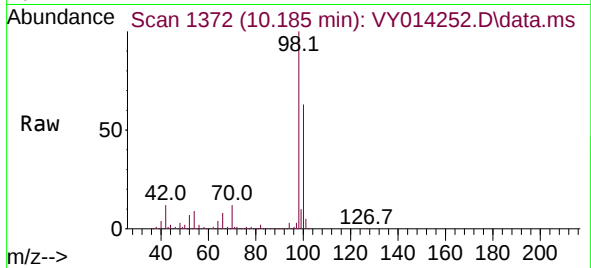




#50
Toluene-d8
Concen: 45.403 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014252.D
Acq: 20 Jun 2023 01:55

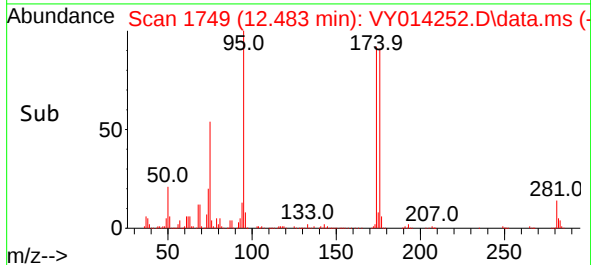
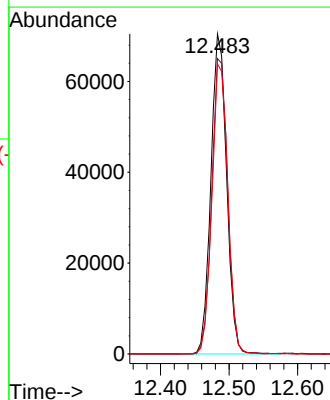
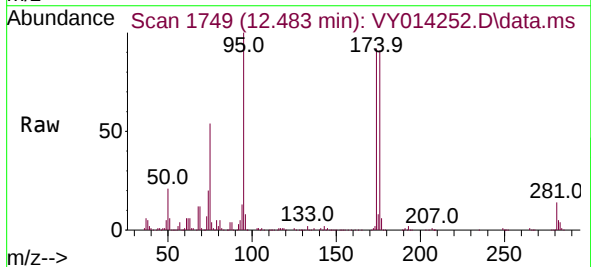
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL02

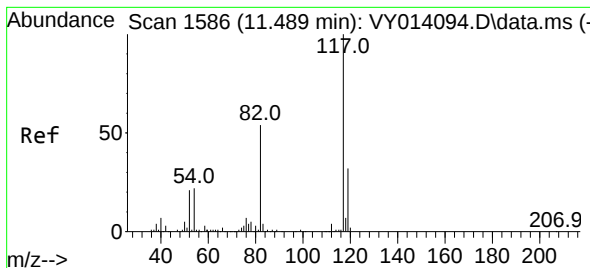
Tgt Ion: 98 Resp: 358474
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.015 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014252.D
Acq: 20 Jun 2023 01:55

Tgt Ion: 95 Resp: 112229
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.2
176 91.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014252.D

Acq: 20 Jun 2023 01:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBL02

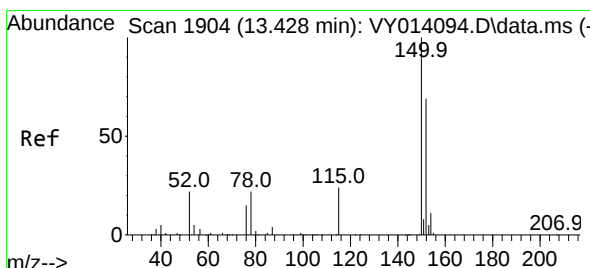
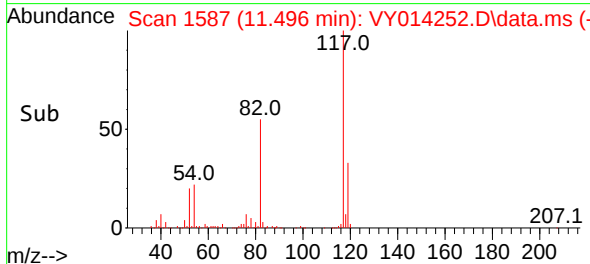
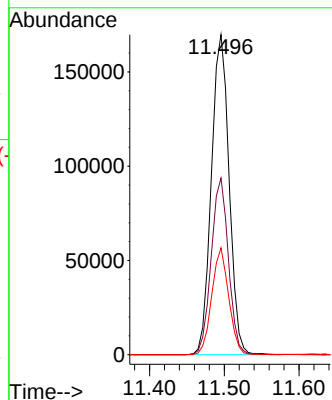
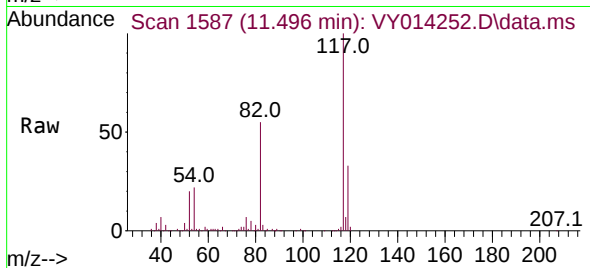
Tgt Ion:117 Resp: 280467

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 33.4 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: VY014252.D

Acq: 20 Jun 2023 01:55

Tgt Ion:152 Resp: 128975

Ion Ratio Lower Upper

152 100

115 55.3 28.8 86.5

150 155.6 0.0 348.8

