

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014835.D
 Acq On : 26 Jul 2023 05:06
 Operator : SY/MD
 Sample : 03741-16
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P28A

Quant Time: Jul 26 07:41:13 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	7.801	168	153051	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	273974	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	264291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97902	56.134	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.260%
35) Dibromofluoromethane	7.728	113	87305	50.059	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.185	98	325902	50.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.483	95	120148	48.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.460%

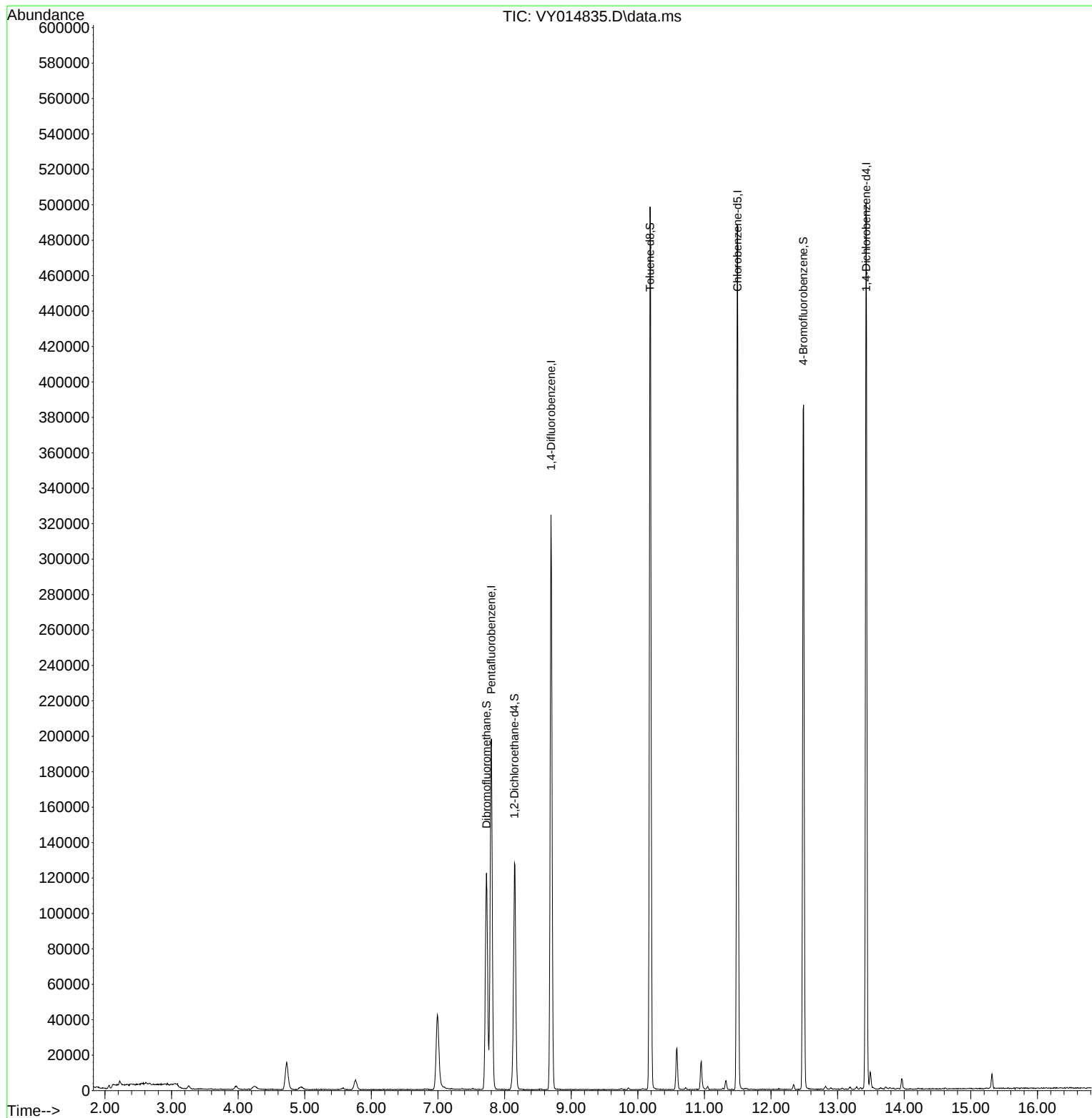
Target Compounds	Qvalue

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

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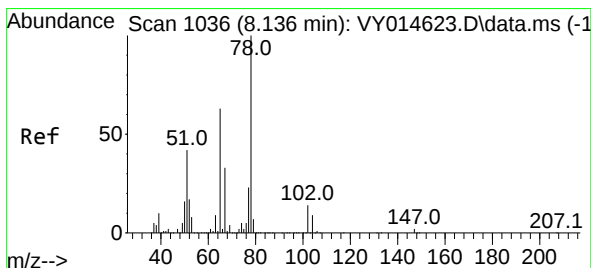
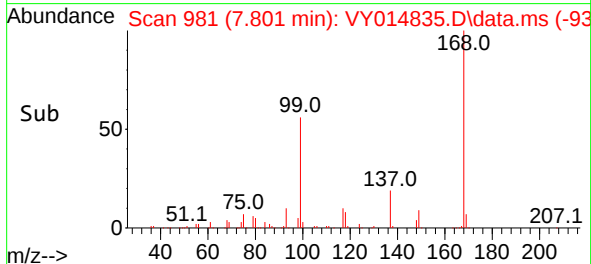
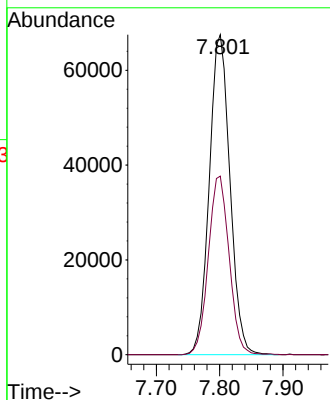
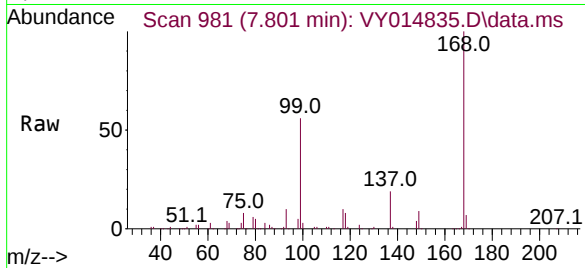




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014835.D
Acq: 26 Jul 2023 05:06

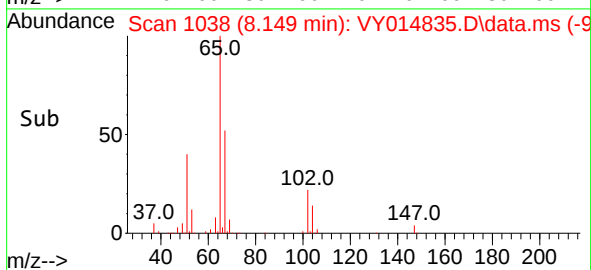
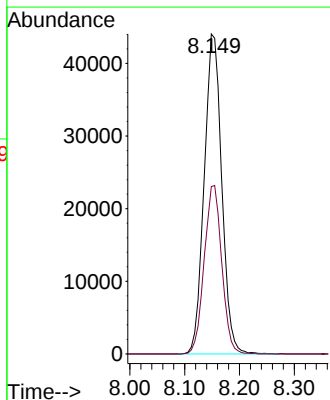
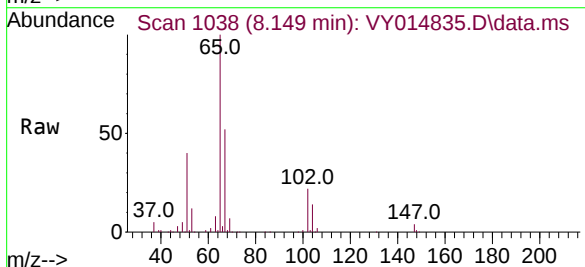
Instrument :
MSVOA_Y
ClientSampleId :
B-P28A

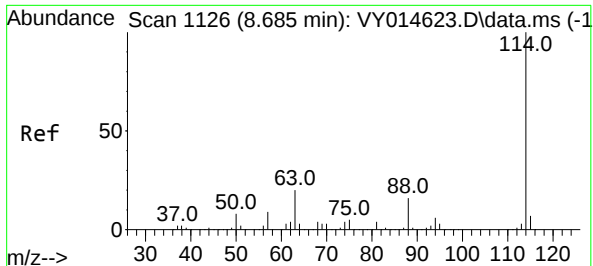
Tgt Ion:168 Resp: 153051
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.134 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY014835.D
Acq: 26 Jul 2023 05:06

Tgt Ion: 65 Resp: 97902
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014835.D

Acq: 26 Jul 2023 05:06

Instrument :

MSVOA_Y

ClientSampleId :

B-P28A

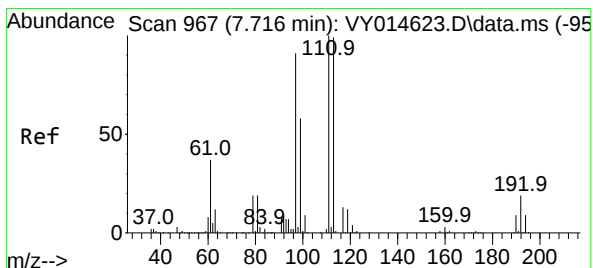
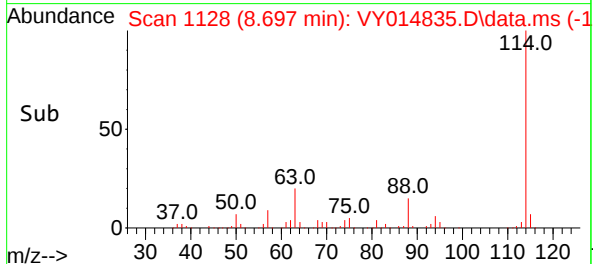
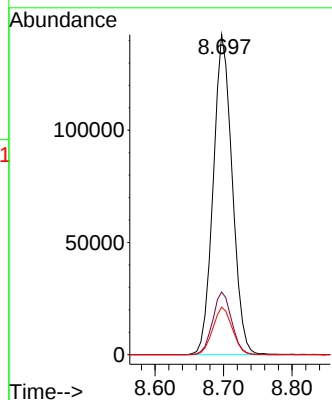
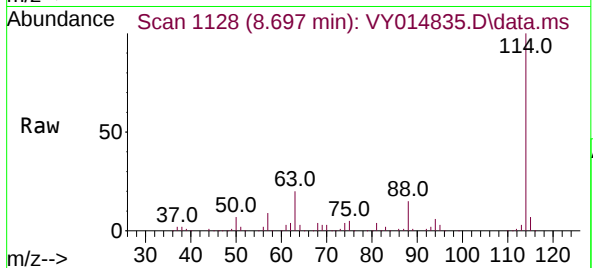
Tgt Ion:114 Resp: 273974

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.059 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014835.D

Acq: 26 Jul 2023 05:06

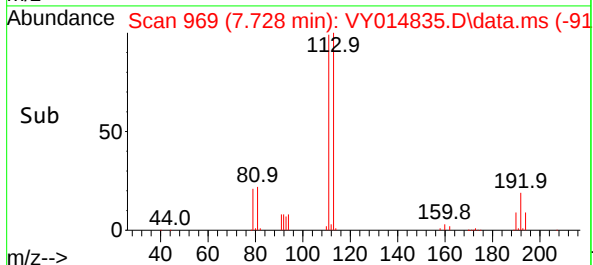
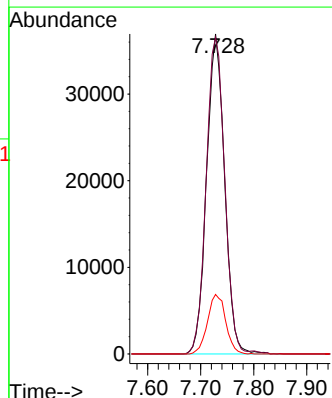
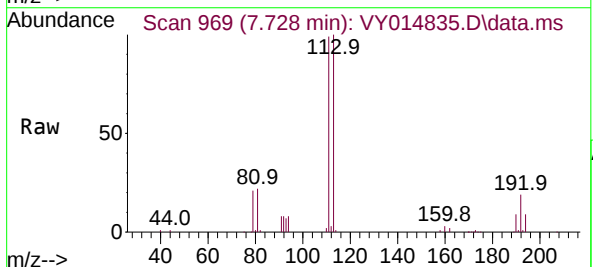
Tgt Ion:113 Resp: 87305

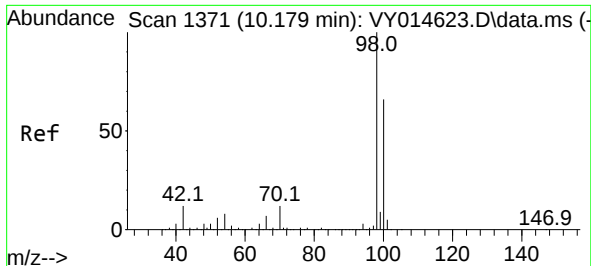
Ion Ratio Lower Upper

113 100

111 101.3 81.3 121.9

192 18.8 16.9 25.3

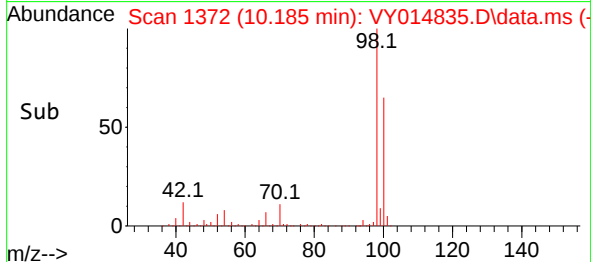
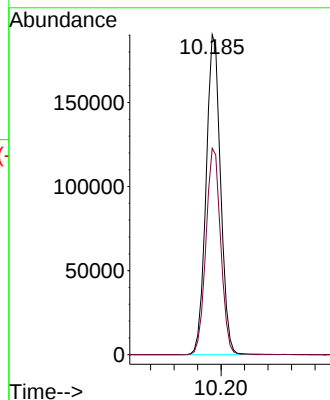
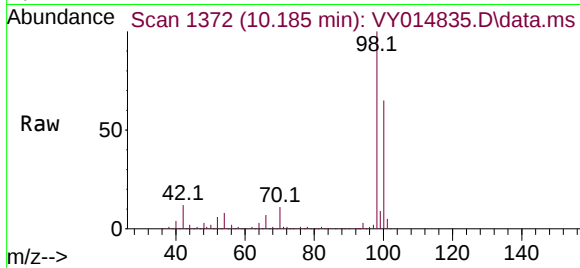




#50
Toluene-d8
Concen: 50.685 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014835.D
Acq: 26 Jul 2023 05:06

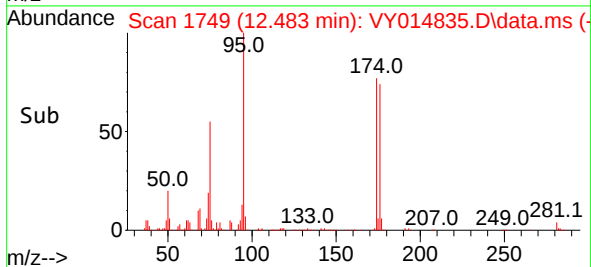
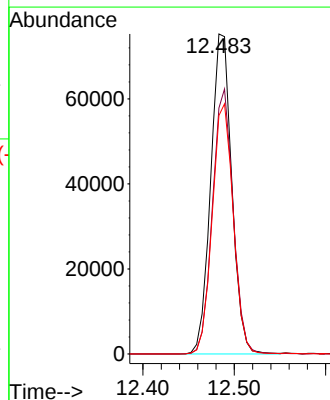
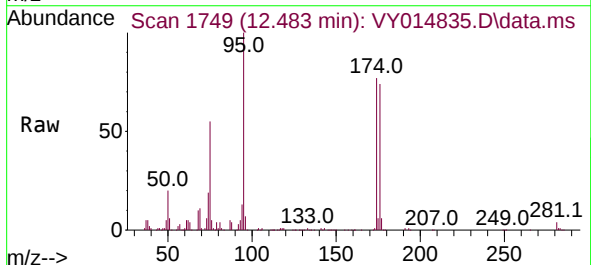
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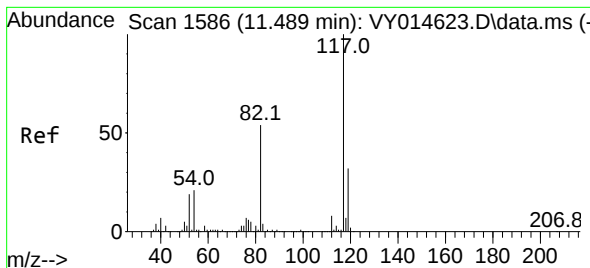
Tgt Ion: 98 Resp: 325902
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014835.D
Acq: 26 Jul 2023 05:06

Tgt Ion: 95 Resp: 120148
Ion Ratio Lower Upper
95 100
174 81.6 0.0 178.2
176 78.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014835.D

Acq: 26 Jul 2023 05:06

Instrument :

MSVOA_Y

ClientSampleId :

B-P28A

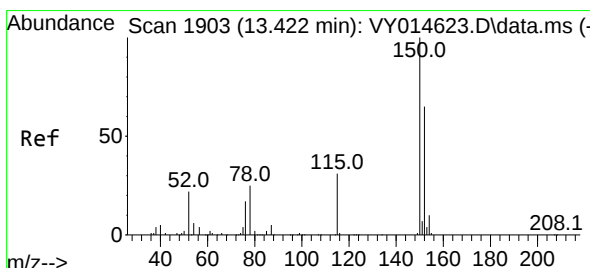
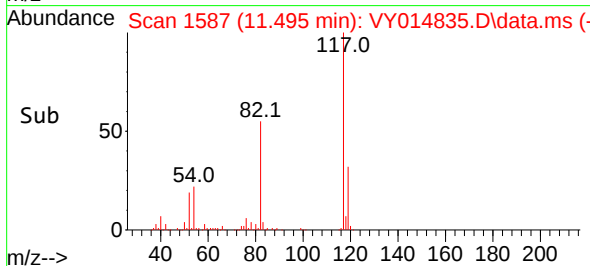
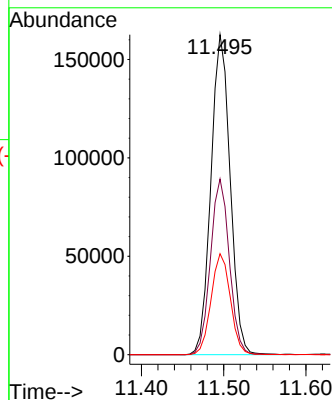
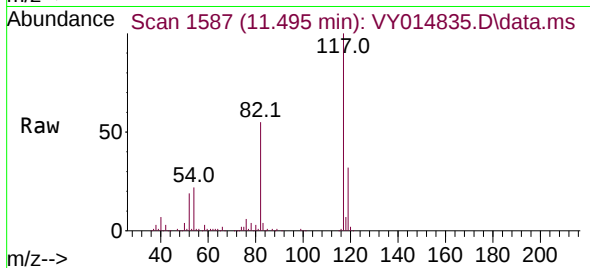
Tgt Ion:117 Resp: 264291

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 31.6 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: VY014835.D

Acq: 26 Jul 2023 05:06

Tgt Ion:152 Resp: 123608

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 156.2 0.0 348.8

