

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014829.D
 Acq On : 26 Jul 2023 02:45
 Operator : SY/MD
 Sample : 03741-10
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P27A

Quant Time: Jul 26 04:25:46 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	145790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	248989	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	231127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	85455	51.438	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.880%
35) Dibromofluoromethane	7.728	113	77790	49.079	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.185	98	297339	50.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.483	95	107256	47.868	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.740%

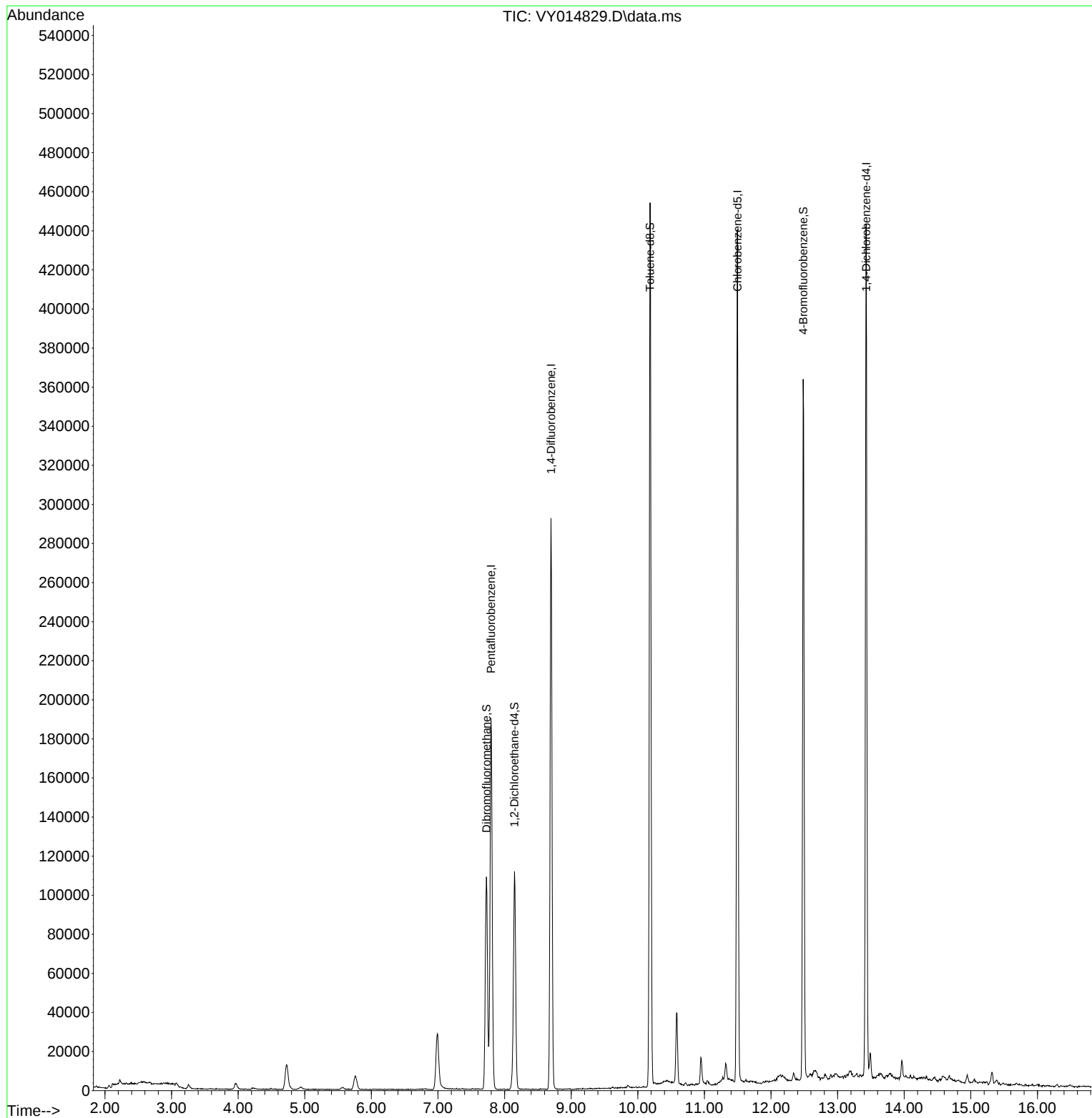
Target Compounds	Qvalue

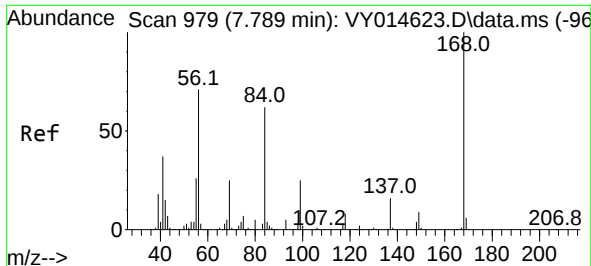
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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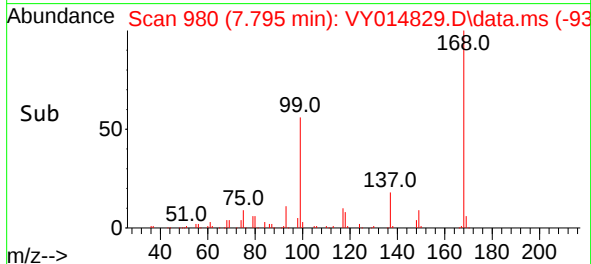
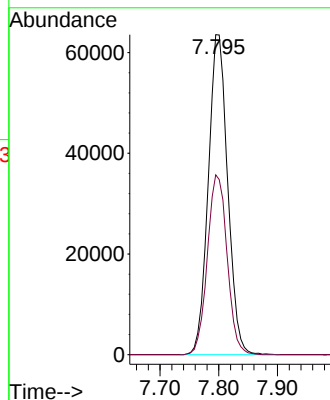
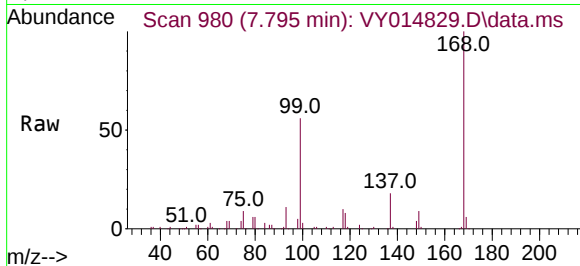




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014829.D
Acq: 26 Jul 2023 02:45

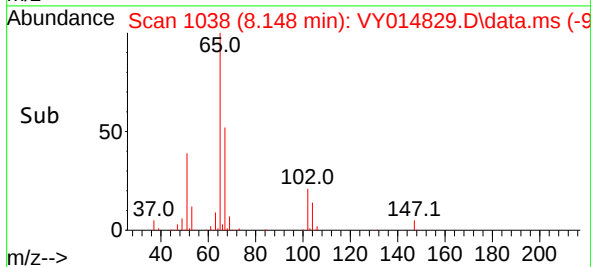
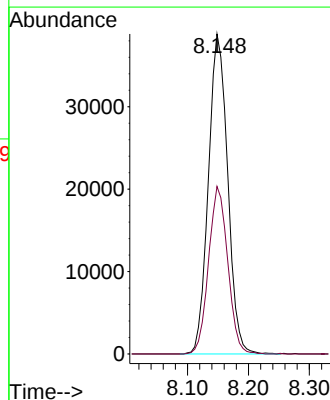
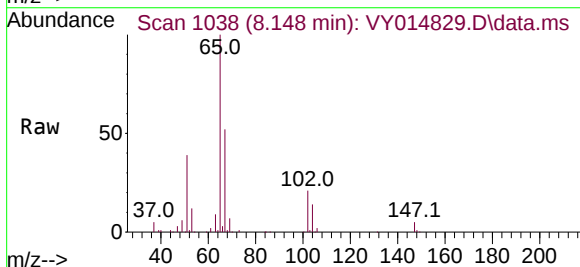
Instrument :
MSVOA_Y
ClientSampleId :
B-P27A

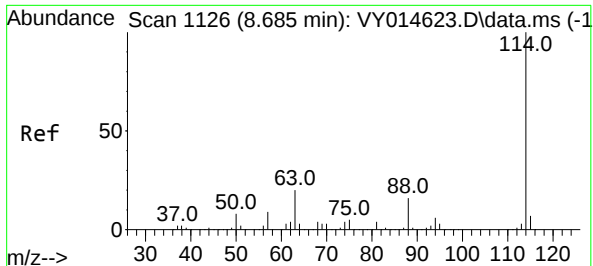
Tgt Ion:168 Resp: 145790
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.438 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014829.D
Acq: 26 Jul 2023 02:45

Tgt Ion: 65 Resp: 85455
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY014829.D

Acq: 26 Jul 2023 02:45

Instrument :

MSVOA_Y

ClientSampleId :

B-P27A

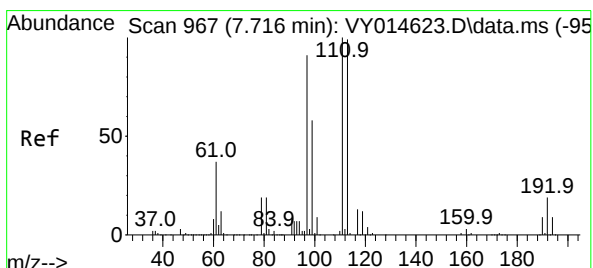
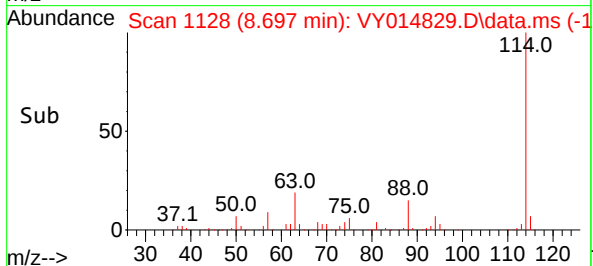
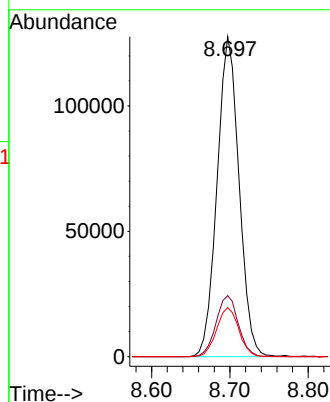
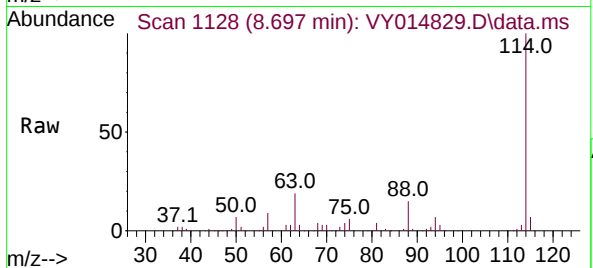
Tgt Ion:114 Resp: 248989

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.079 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014829.D

Acq: 26 Jul 2023 02:45

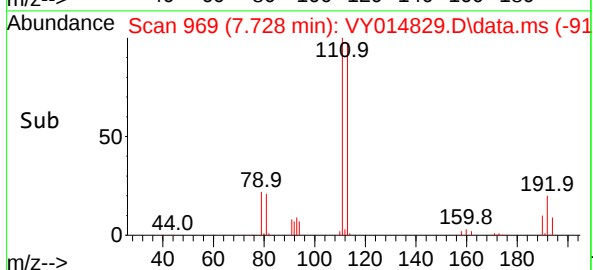
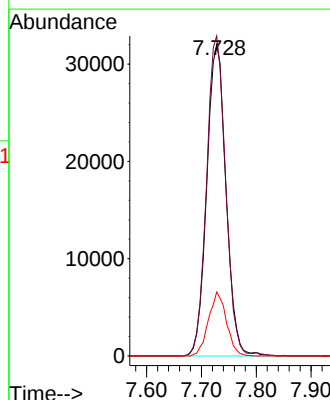
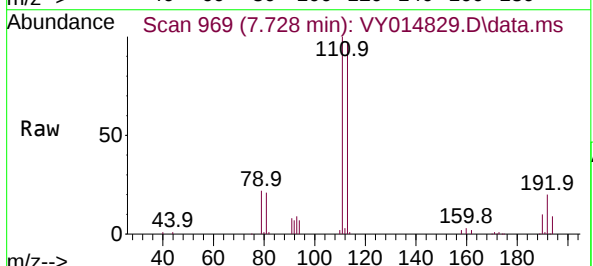
Tgt Ion:113 Resp: 77790

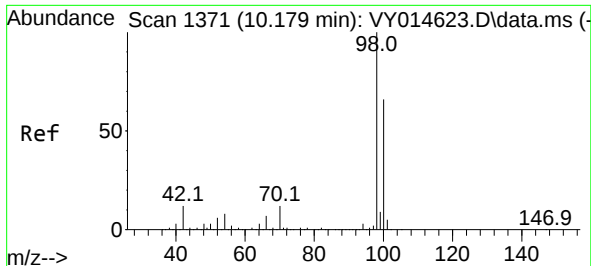
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 19.2 16.9 25.3

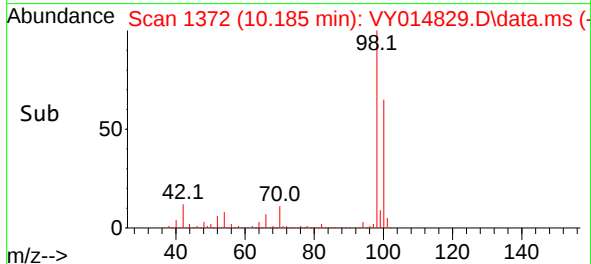
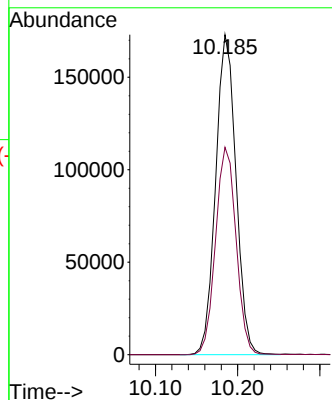
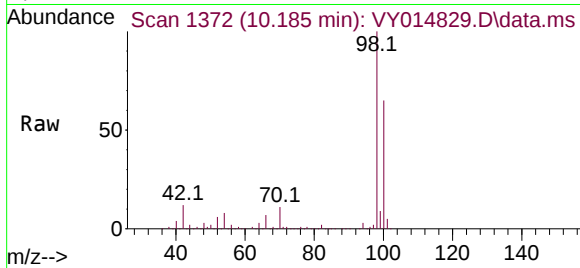




#50
Toluene-d8
Concen: 50.883 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014829.D
Acq: 26 Jul 2023 02:45

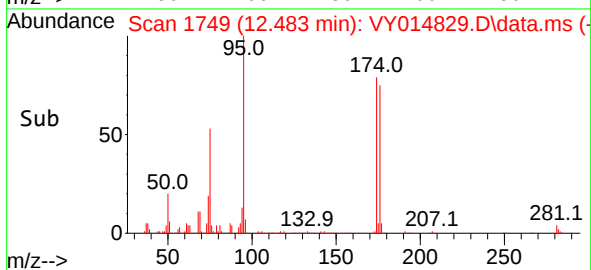
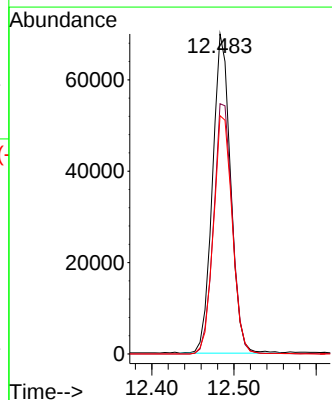
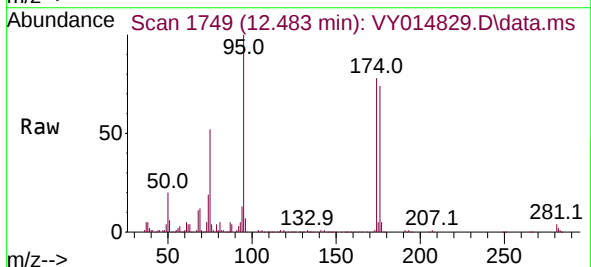
Instrument :
MSVOA_Y
ClientSampleId :
B-P27A

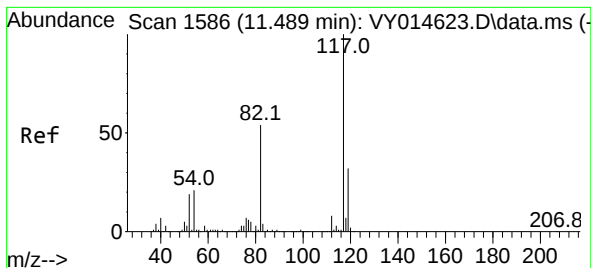
Tgt Ion: 98 Resp: 297339
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014829.D
Acq: 26 Jul 2023 02:45

Tgt Ion: 95 Resp: 107256
Ion Ratio Lower Upper
95 100
174 80.5 0.0 178.2
176 77.4 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: VY014829.D

Acq: 26 Jul 2023 02:45

Instrument :

MSVOA_Y

ClientSampleId :

B-P27A

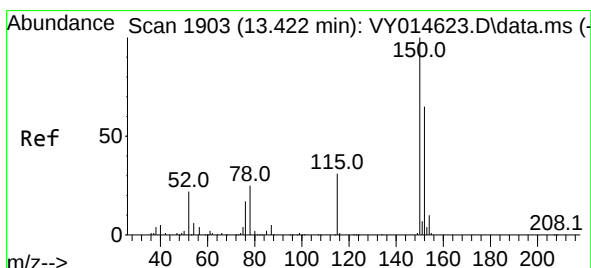
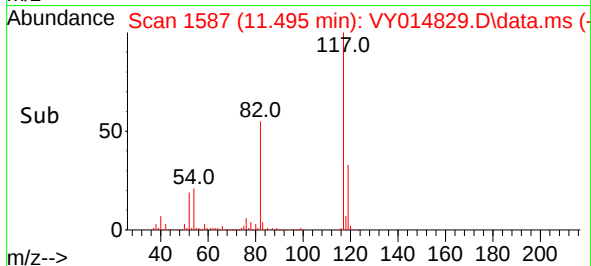
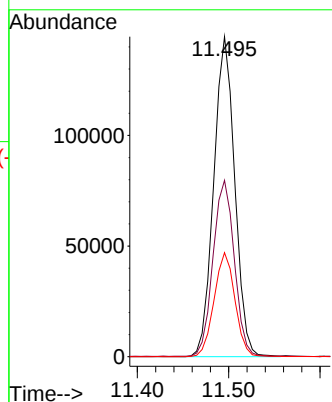
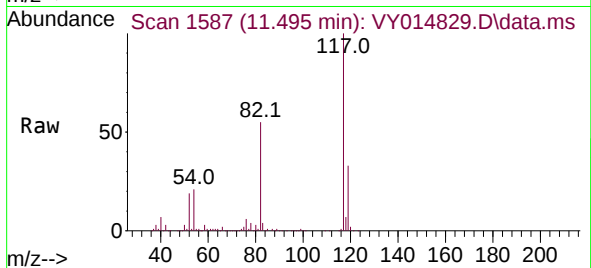
Tgt Ion:117 Resp: 231127

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 32.5 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: VY014829.D

Acq: 26 Jul 2023 02:45

Tgt Ion:152 Resp: 109126

Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.5

150 156.1 0.0 348.8

