

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014823.D
 Acq On : 26 Jul 2023 00:24
 Operator : SY/MD
 Sample : 03741-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P24A

Quant Time: Jul 26 03:34:19 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	145236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250936	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	225777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81074	48.987	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.980%
35) Dibromofluoromethane	7.722	113	75217	47.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.180%
50) Toluene-d8	10.185	98	294690	50.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.483	95	100990	44.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.440%

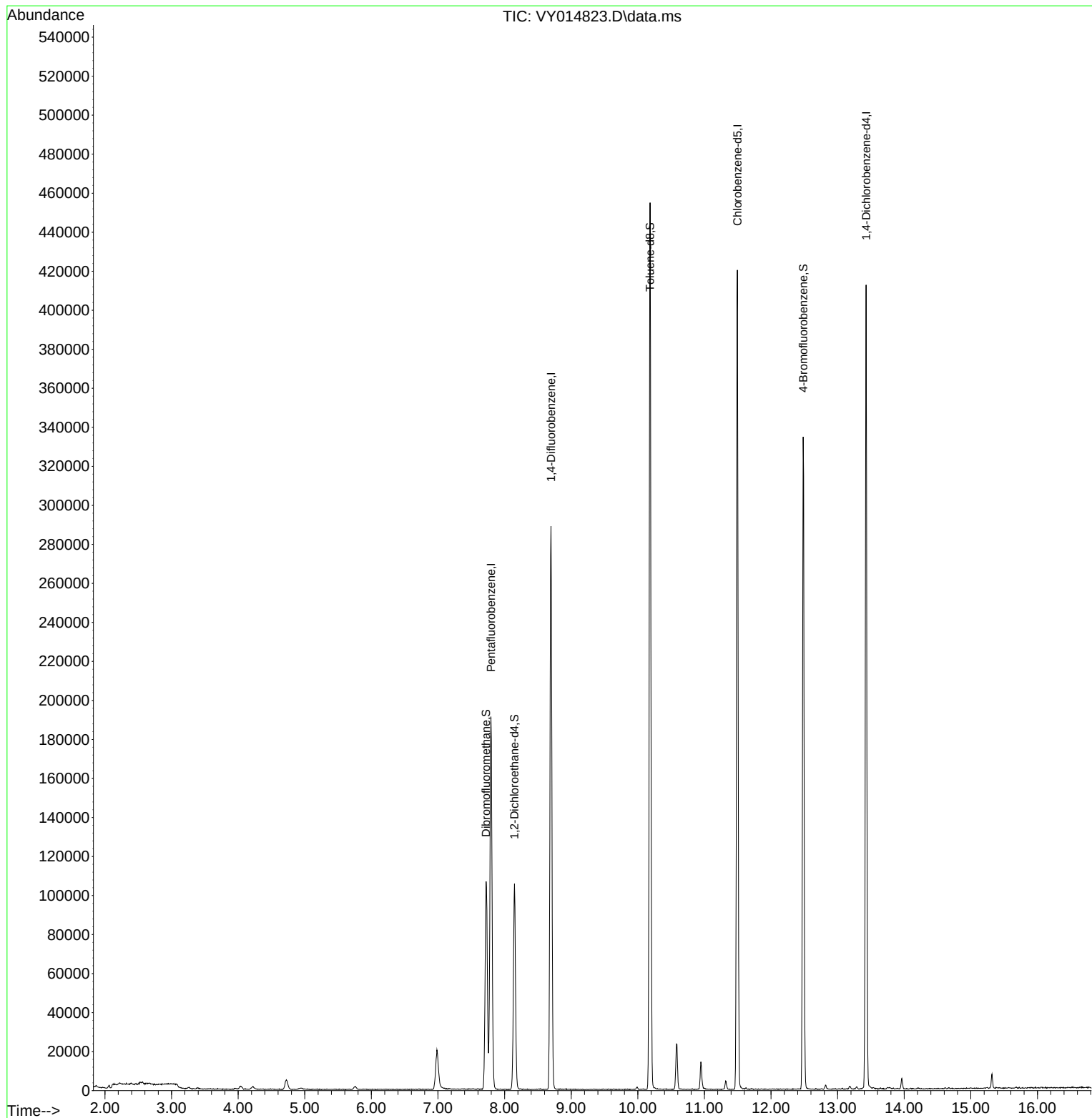
Target Compounds	Qvalue

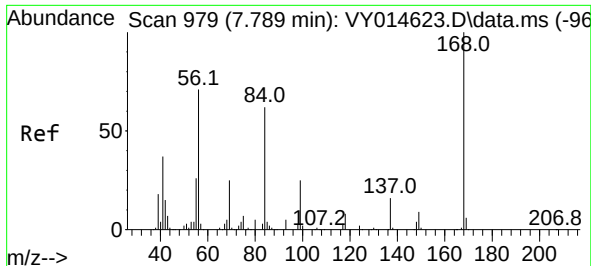
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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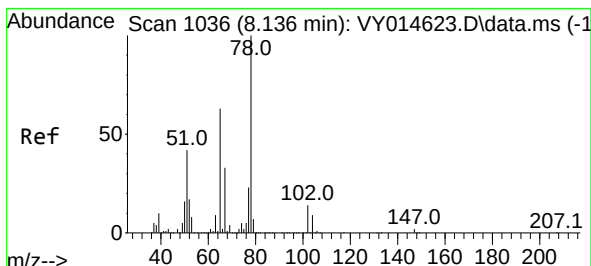
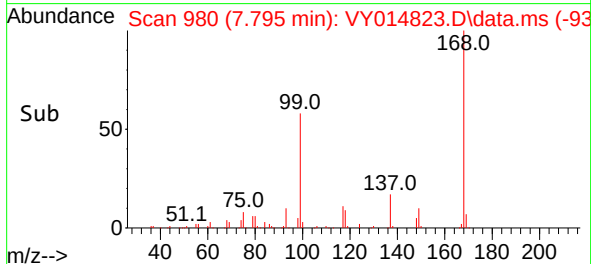
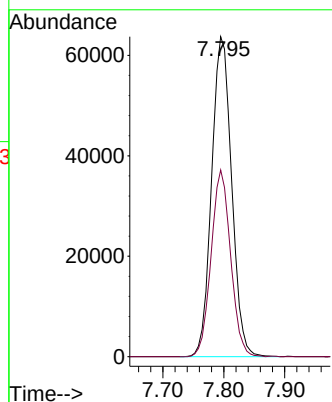
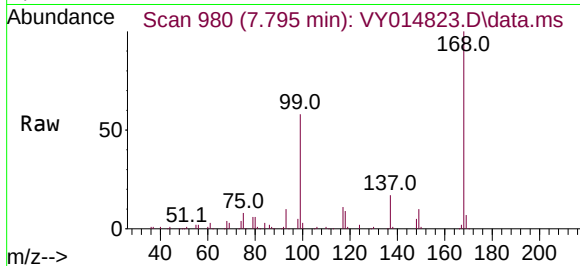




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

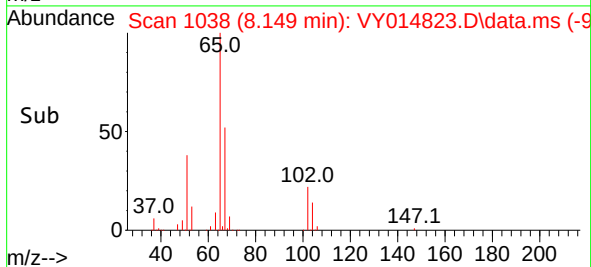
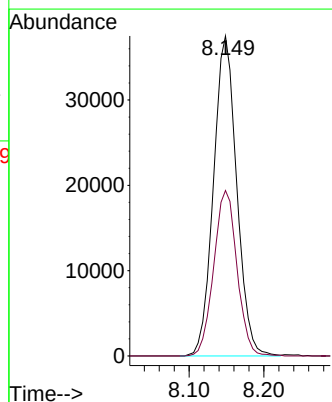
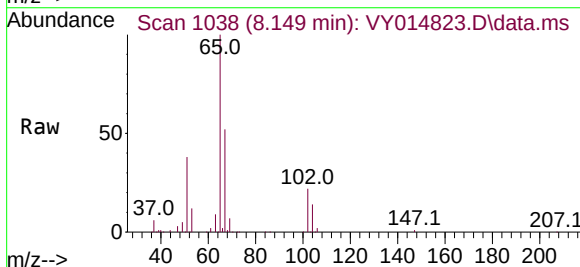
Instrument :
MSVOA_Y
ClientSampleId :
B-P24A

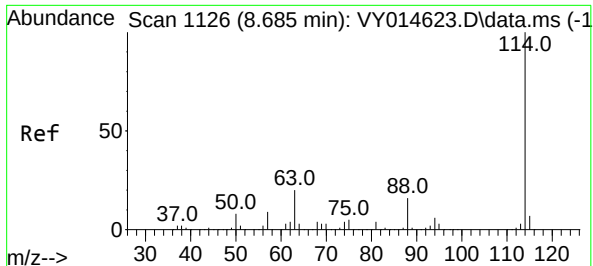
Tgt Ion:168 Resp: 145236
Ion Ratio Lower Upper
168 100
99 58.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.987 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY014823.D
Acq: 26 Jul 2023 00:24

Tgt Ion: 65 Resp: 81074
Ion Ratio Lower Upper
65 100
67 51.8 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: VY014823.D

Acq: 26 Jul 2023 00:24

Instrument :

MSVOA_Y

ClientSampleId :

B-P24A

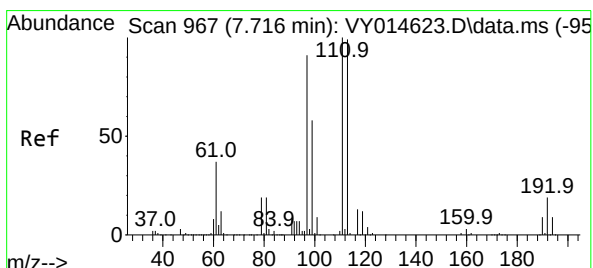
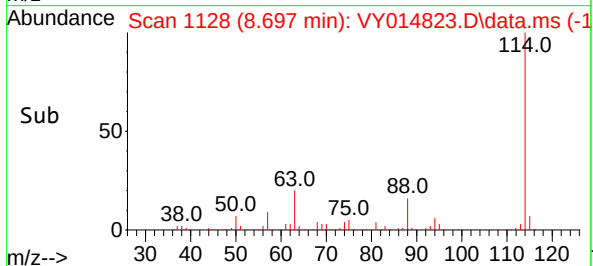
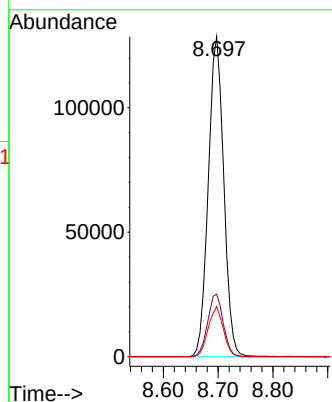
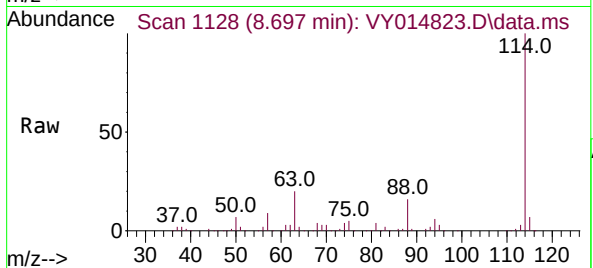
Tgt Ion:114 Resp: 250936

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.087 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014823.D

Acq: 26 Jul 2023 00:24

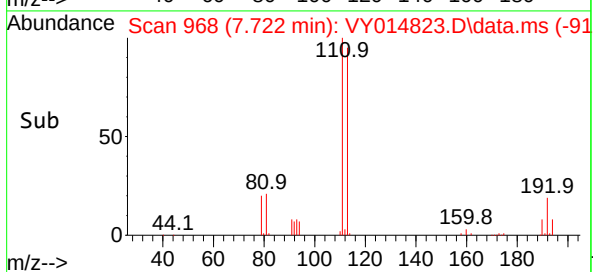
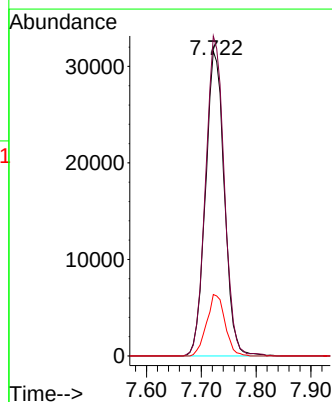
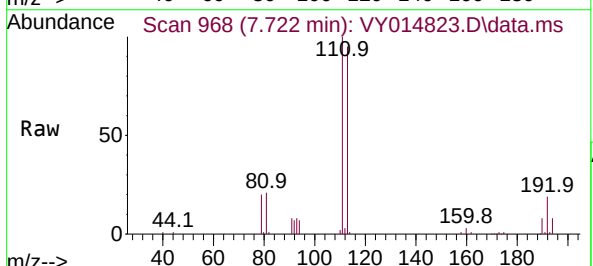
Tgt Ion:113 Resp: 75217

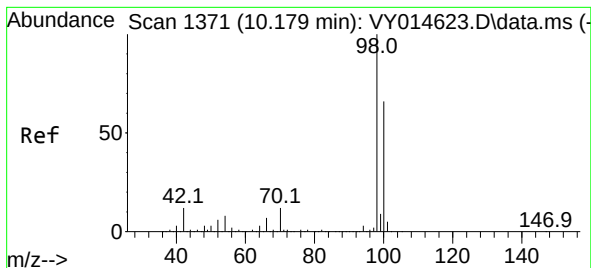
Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 50.038 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014823.D

Acq: 26 Jul 2023 00:24

Instrument :

MSVOA_Y

ClientSampleId :

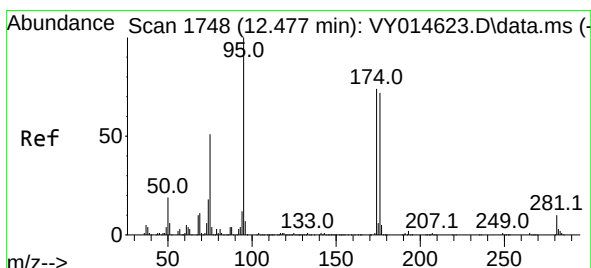
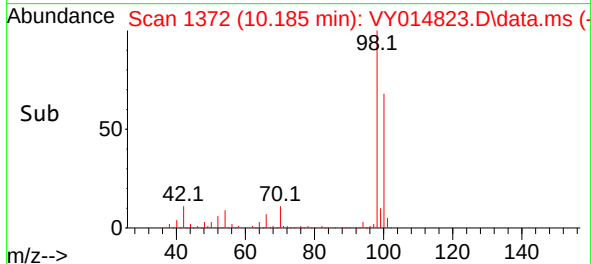
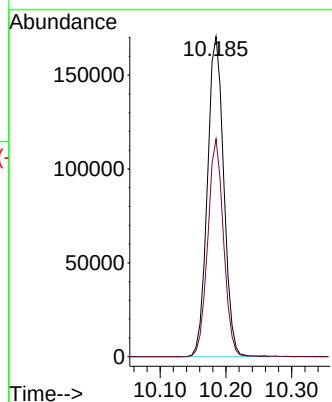
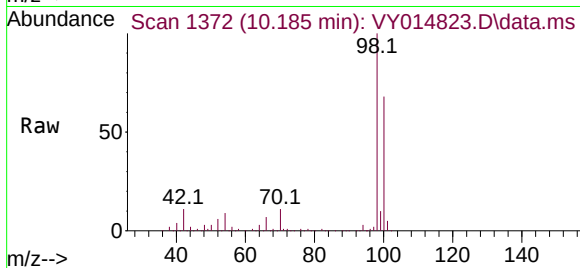
B-P24A

Tgt Ion: 98 Resp: 294690

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.722 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014823.D

Acq: 26 Jul 2023 00:24

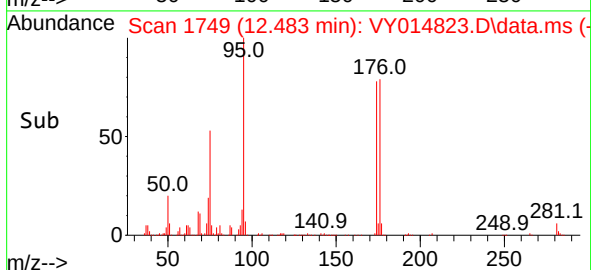
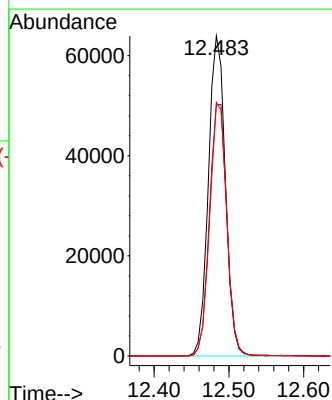
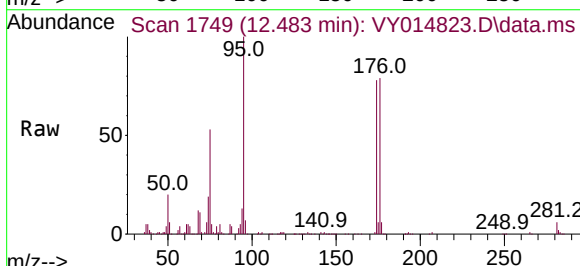
Tgt Ion: 95 Resp: 100990

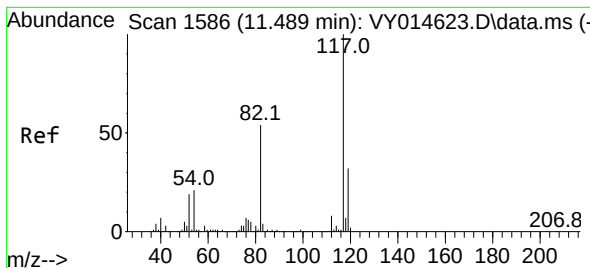
Ion Ratio Lower Upper

95 100

174 80.3 0.0 178.2

176 79.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014823.D

Acq: 26 Jul 2023 00:24

Instrument :

MSVOA_Y

ClientSampleId :

B-P24A

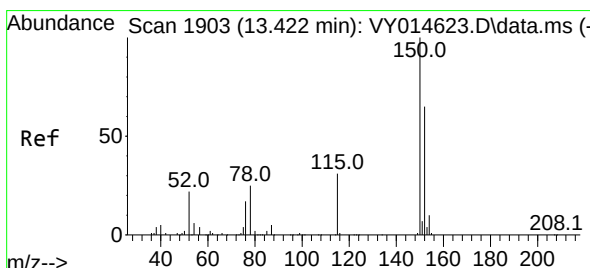
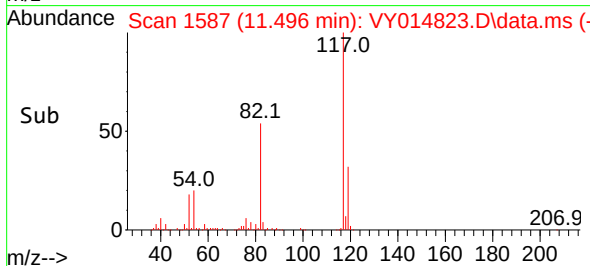
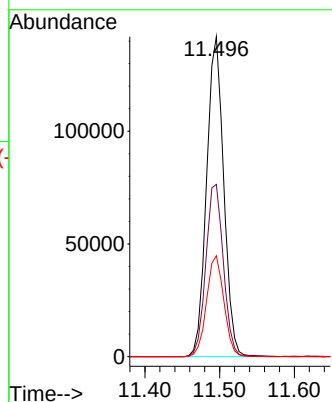
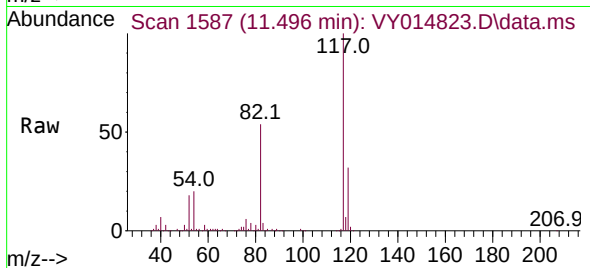
Tgt Ion:117 Resp: 225777

Ion Ratio Lower Upper

117 100

82 53.9 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: VY014823.D

Acq: 26 Jul 2023 00:24

Tgt Ion:152 Resp: 100886

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 158.2 0.0 348.8

