

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014795.D
 Acq On : 25 Jul 2023 12:35
 Operator : SY/MD
 Sample : 03719-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P22B

Quant Time: Jul 25 14:14:08 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	7.789	168	20361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	31983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	26071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10651	45.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.820%
35) Dibromofluoromethane	7.722	113	8719	42.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.640%
50) Toluene-d8	10.179	98	35640	47.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.483	95	11400	39.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.220%

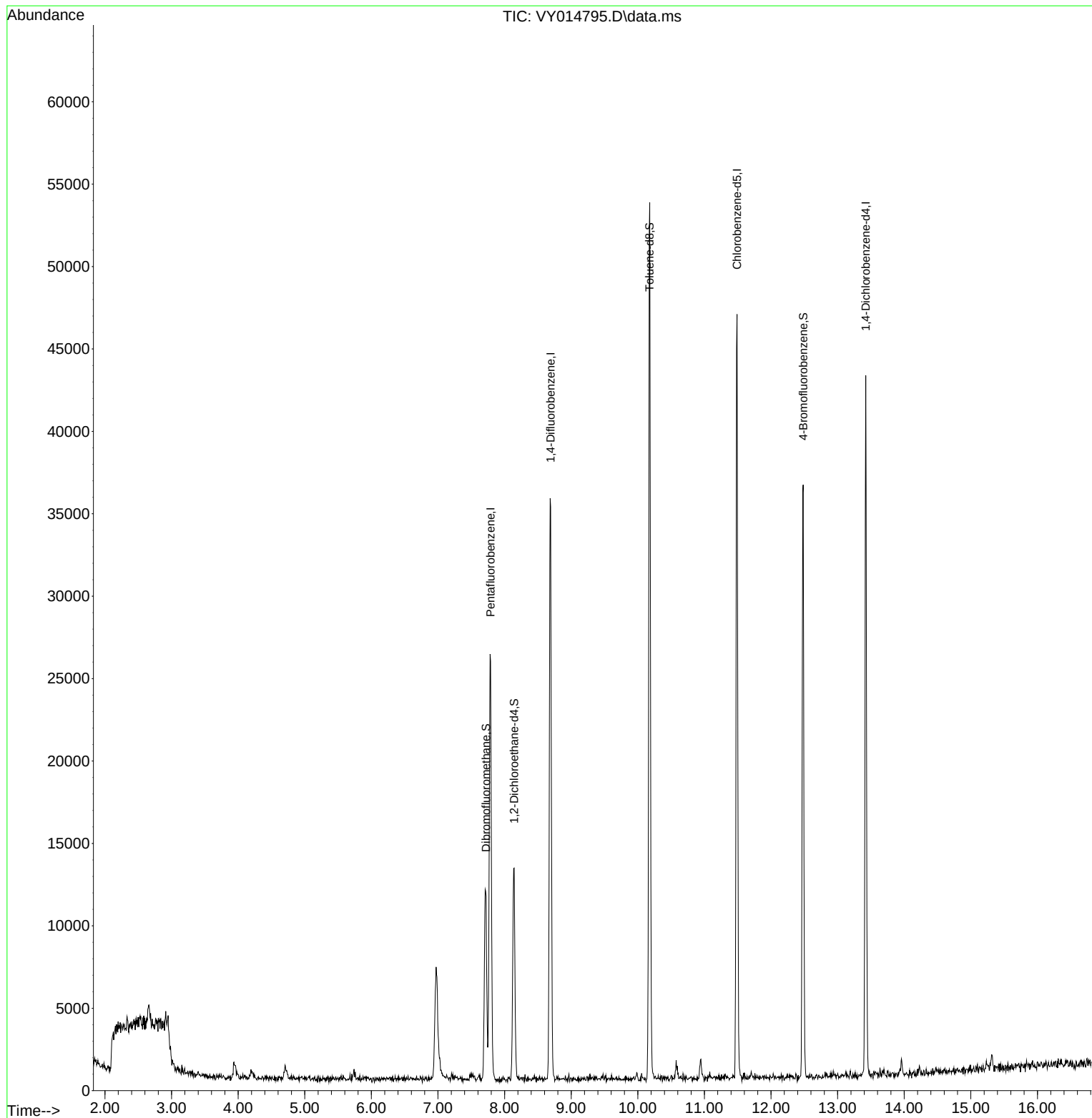
Target Compounds	Qvalue

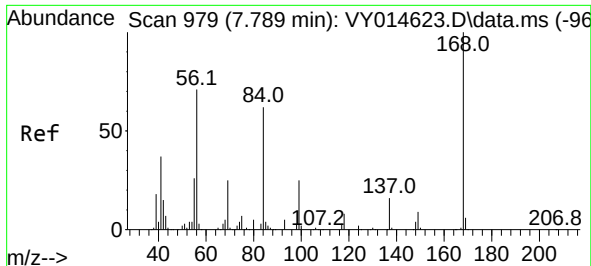
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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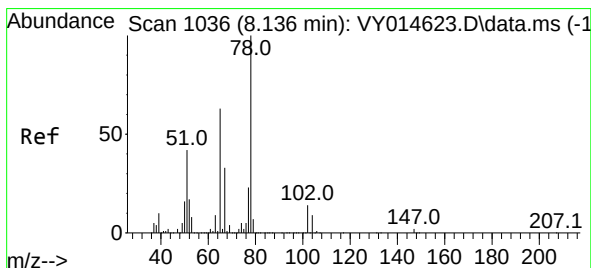
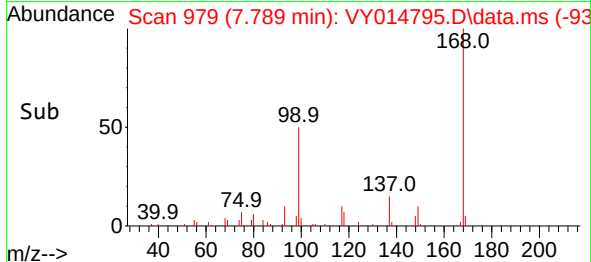
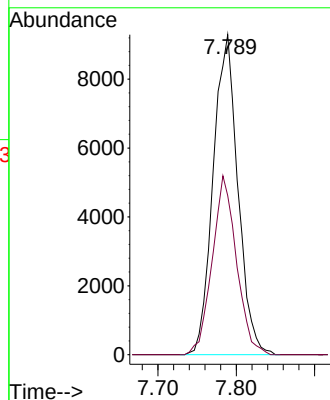
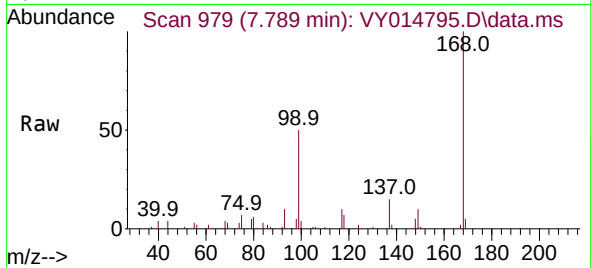




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014795.D
Acq: 25 Jul 2023 12:35

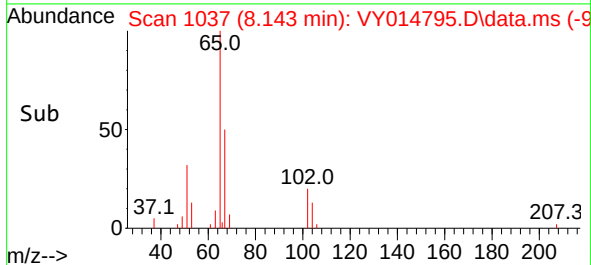
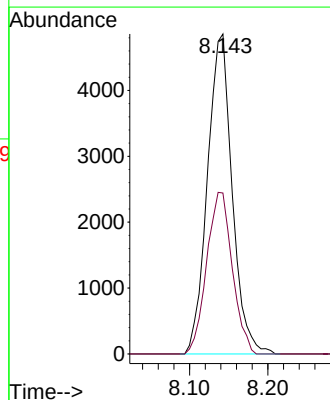
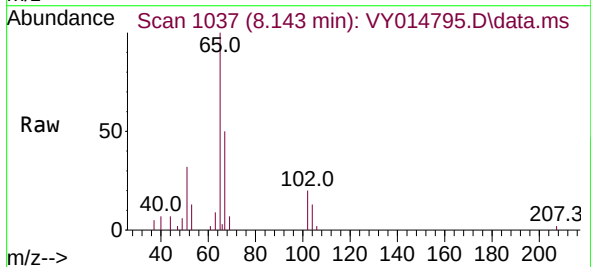
Instrument :
MSVOA_Y
ClientSampleId :
B-P22B

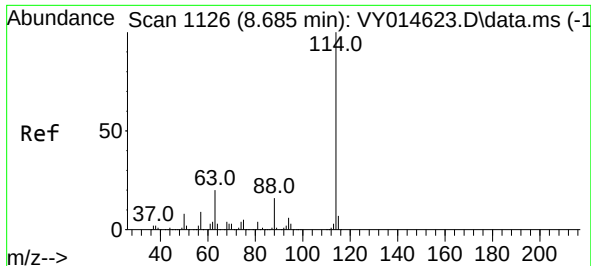
Tgt Ion:168 Resp: 20361
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 45.905 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014795.D
Acq: 25 Jul 2023 12:35

Tgt Ion: 65 Resp: 10651
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8

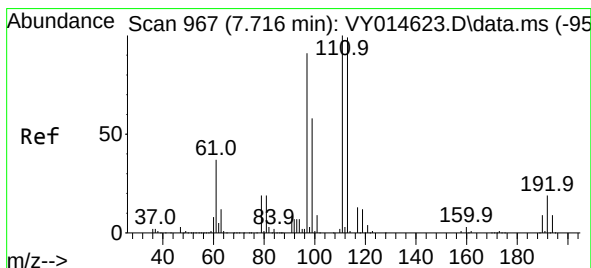
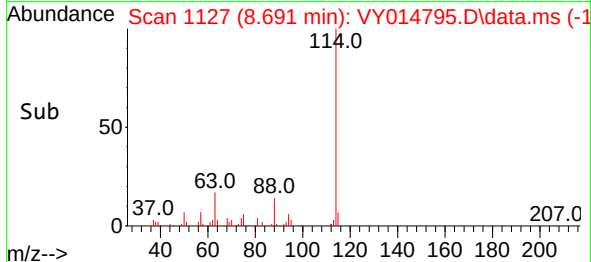
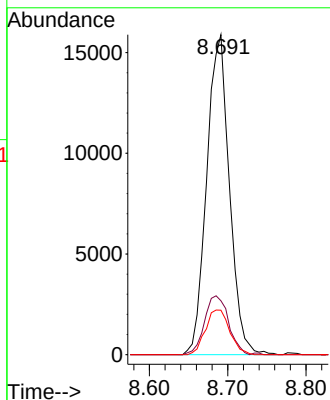
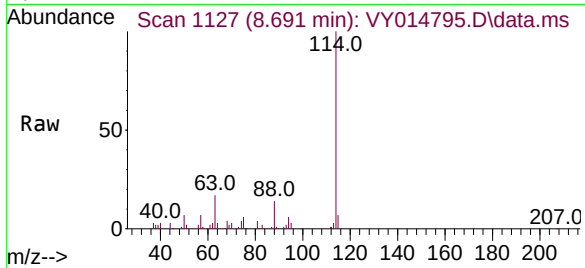




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014795.D
Acq: 25 Jul 2023 12:35

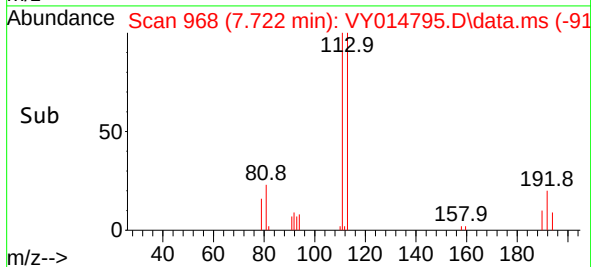
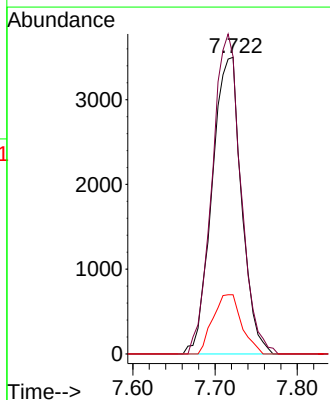
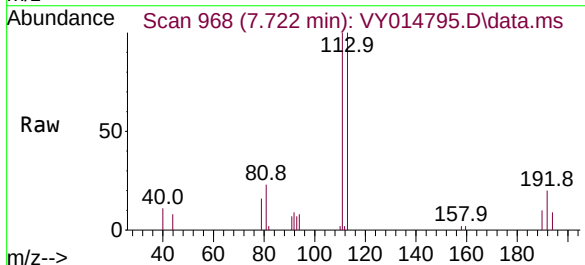
Instrument :
MSVOA_Y
ClientSampleId :
B-P22B

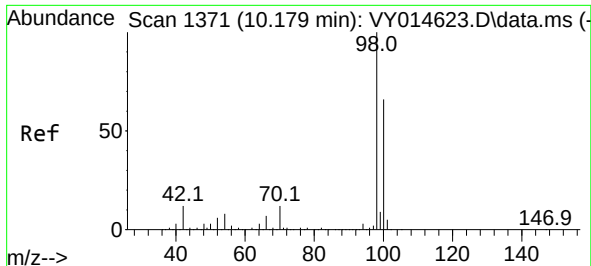
Tgt Ion:114 Resp: 31983
Ion Ratio Lower Upper
114 100
63 16.9 0.0 42.4
88 13.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 42.825 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014795.D
Acq: 25 Jul 2023 12:35

Tgt Ion:113 Resp: 8719
Ion Ratio Lower Upper
113 100
111 105.5 81.3 121.9
192 19.5 16.9 25.3

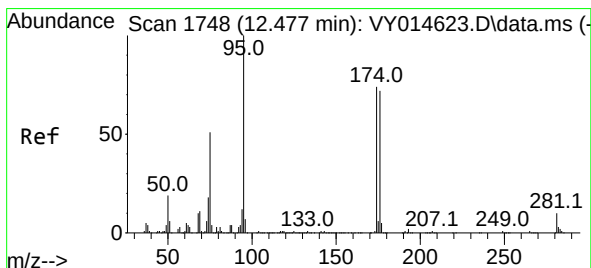
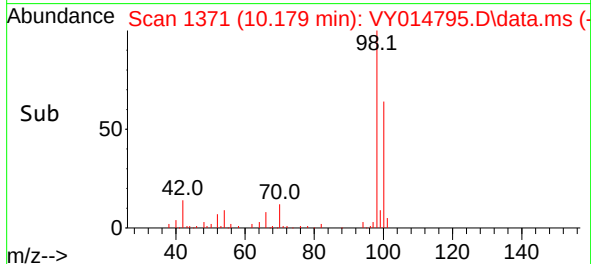
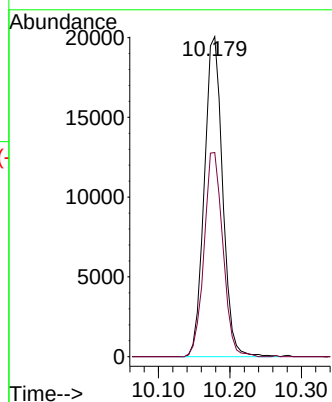
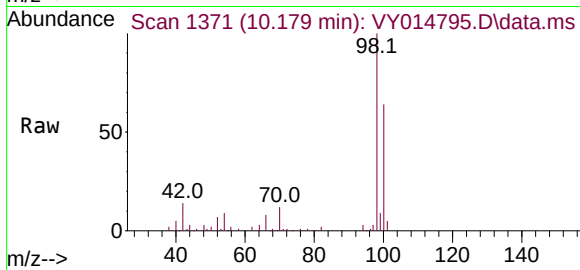




#50
Toluene-d8
Concen: 47.481 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014795.D
Acq: 25 Jul 2023 12:35

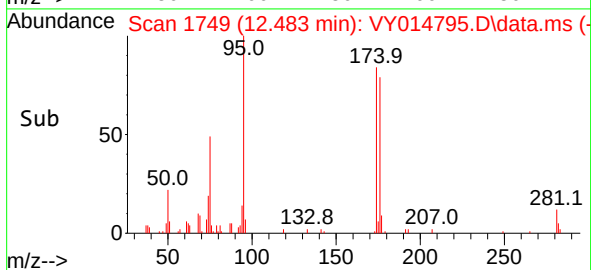
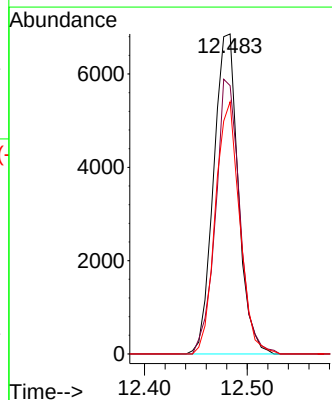
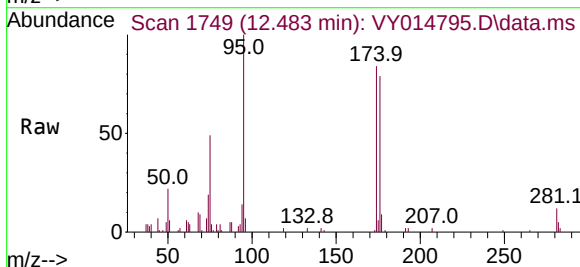
Instrument :
MSVOA_Y
ClientSampleId :
B-P22B

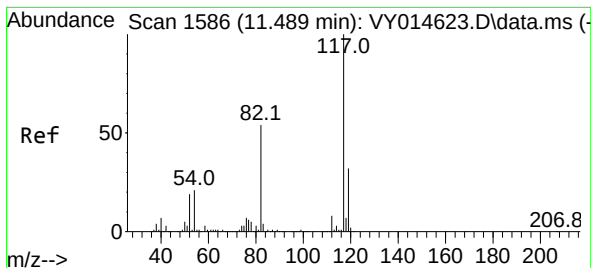
Tgt Ion: 98 Resp: 35640
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.609 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014795.D
Acq: 25 Jul 2023 12:35

Tgt Ion: 95 Resp: 11400
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 77.8 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: VY014795.D

Acq: 25 Jul 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

B-P22B

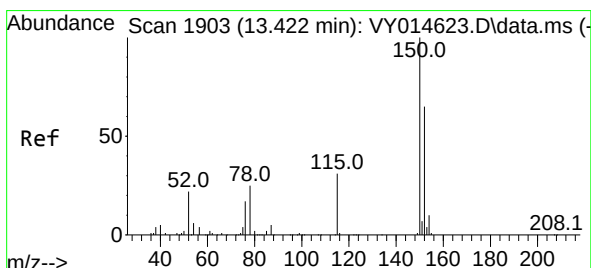
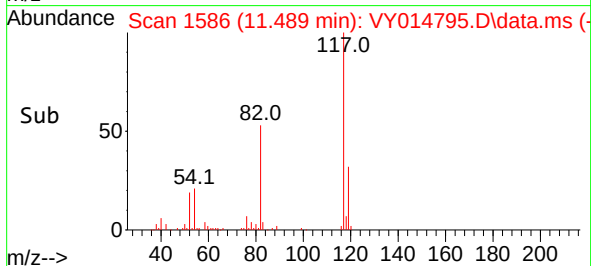
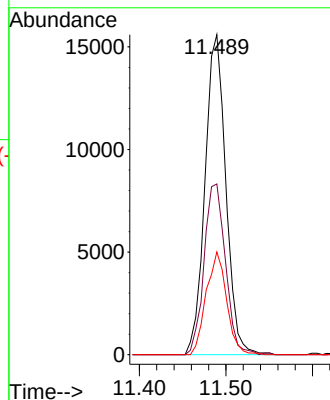
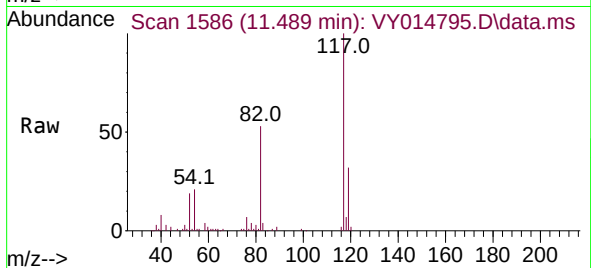
Tgt Ion:117 Resp: 26071

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014795.D

Acq: 25 Jul 2023 12:35

Tgt Ion:152 Resp: 10808

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 153.1 0.0 348.8

