

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014740.D
 Acq On : 21 Jul 2023 12:34
 Operator : SY/MD
 Sample : 03660-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jul 22 05:35:06 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	226858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140612	54.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.780%
35) Dibromofluoromethane	7.716	113	125790	50.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.920%
50) Toluene-d8	10.179	98	462773	50.353	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.477	95	173631	49.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.540%

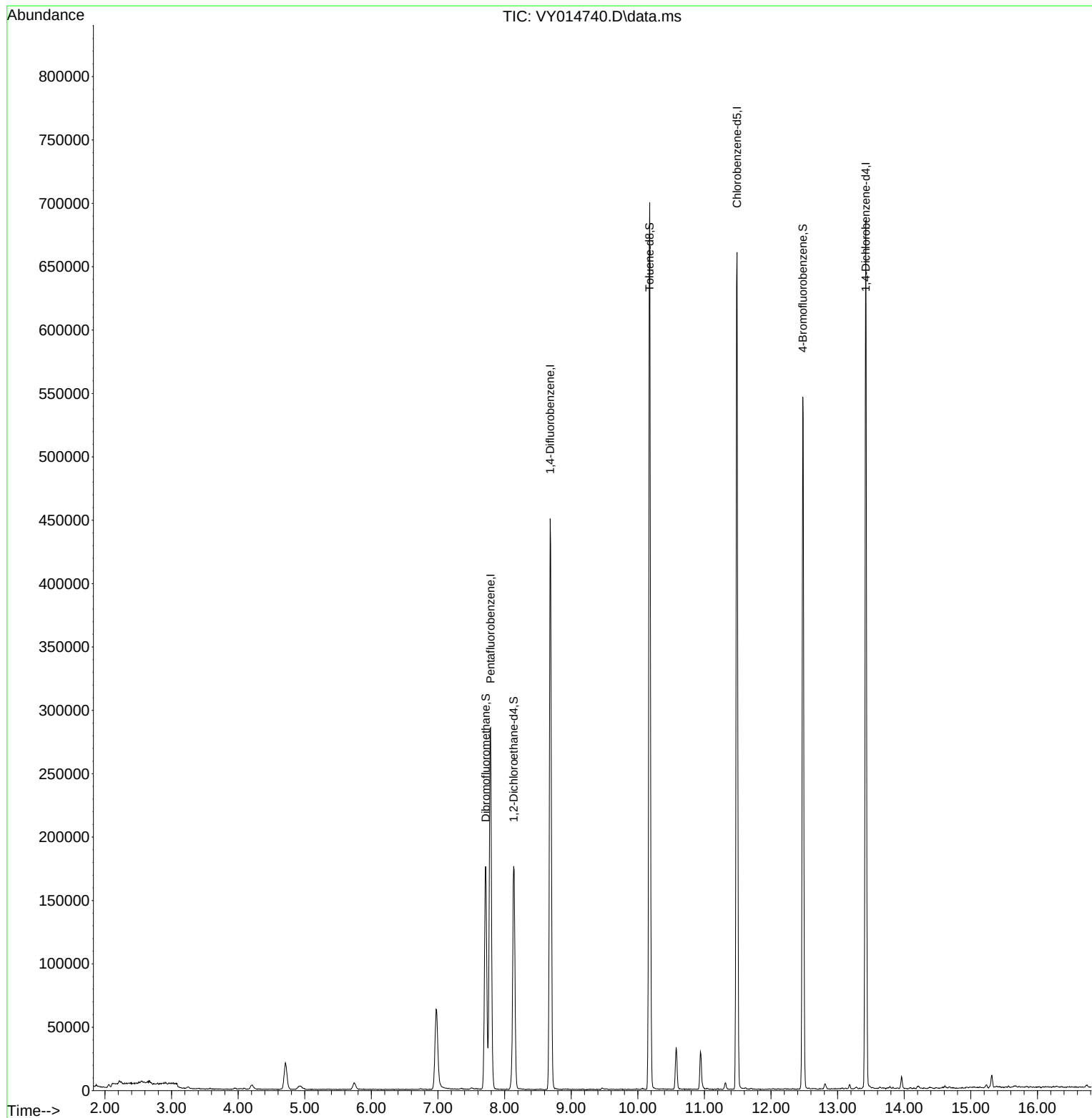
Target Compounds	Qvalue

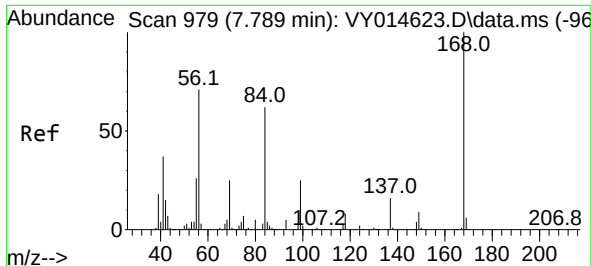
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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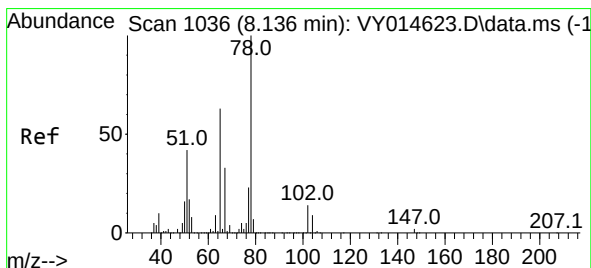
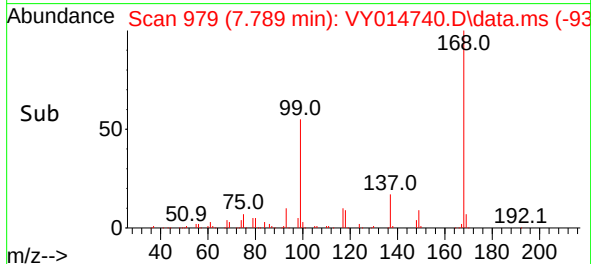
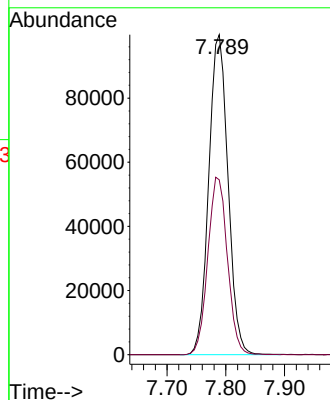
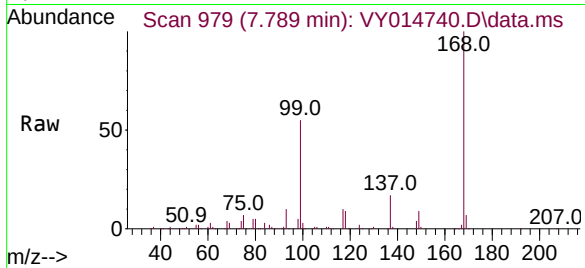




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014740.D
Acq: 21 Jul 2023 12:34

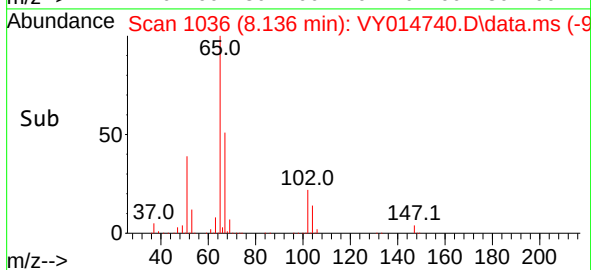
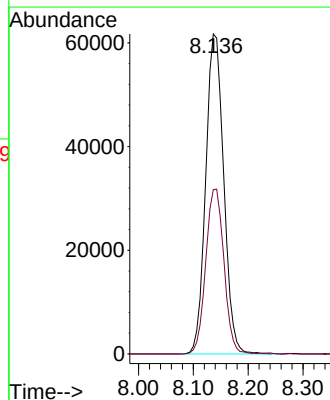
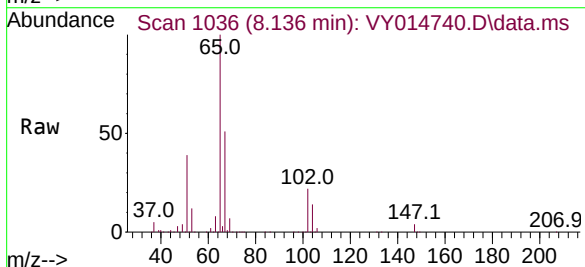
Instrument :
MSVOA_Y
ClientSampleId :
VOC

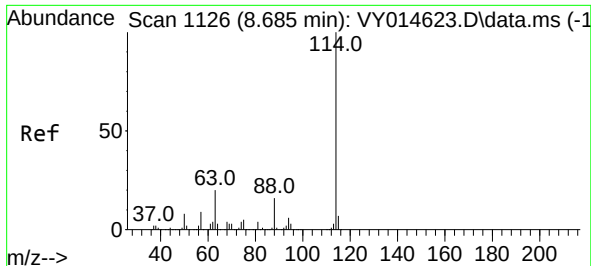
Tgt Ion:168 Resp: 226858
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.393 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014740.D
Acq: 21 Jul 2023 12:34

Tgt Ion: 65 Resp: 140612
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

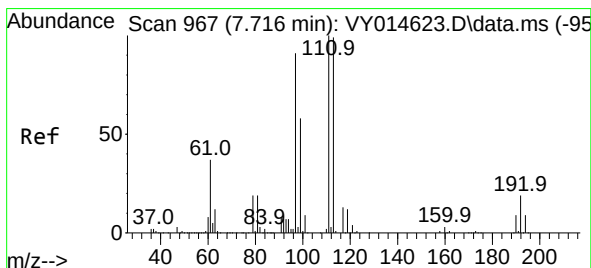
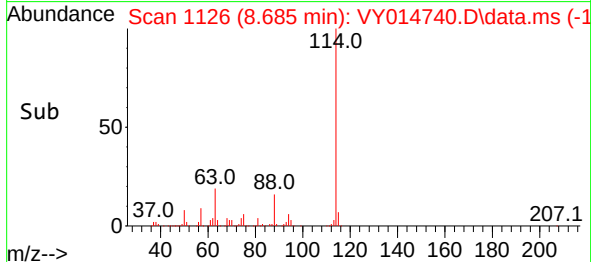
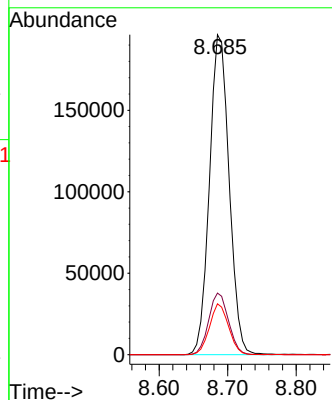
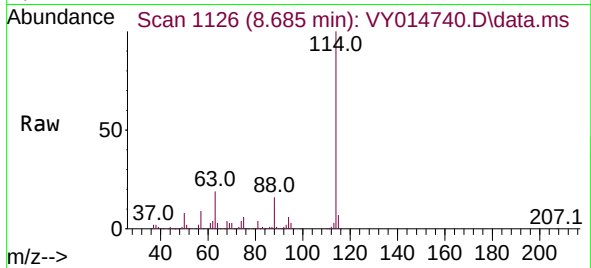




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014740.D
Acq: 21 Jul 2023 12:34

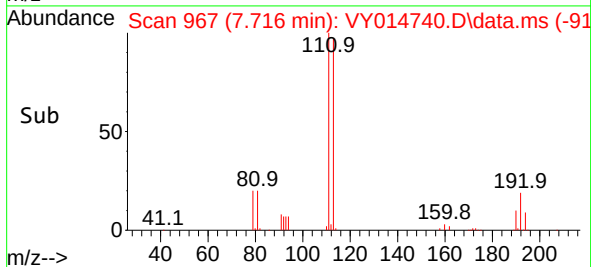
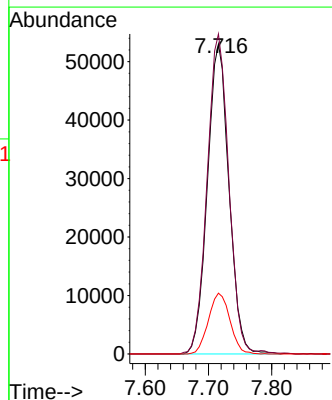
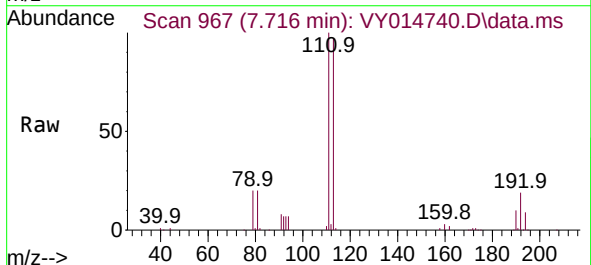
Instrument :
MSVOA_Y
ClientSampleId :
VOC

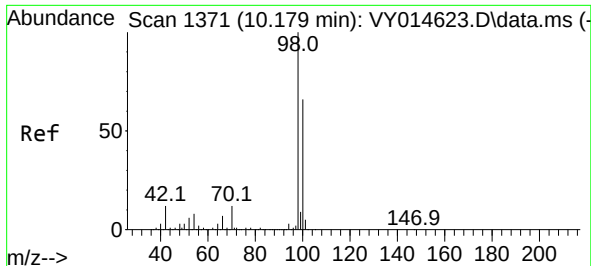
Tgt Ion:114 Resp: 391599
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.461 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014740.D
Acq: 21 Jul 2023 12:34

Tgt Ion:113 Resp: 125790
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.5 16.9 25.3

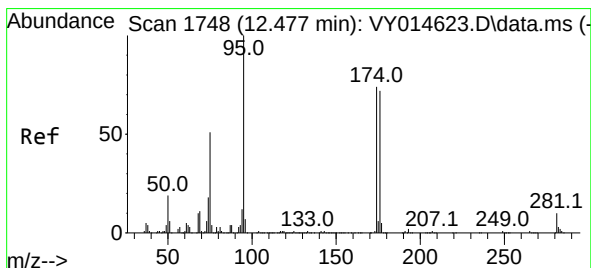
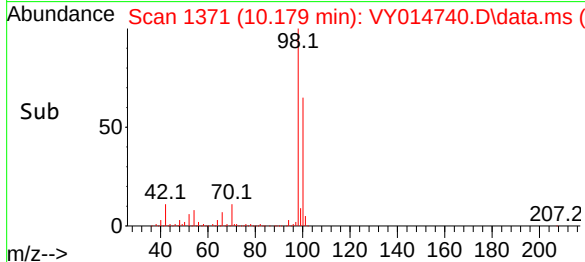
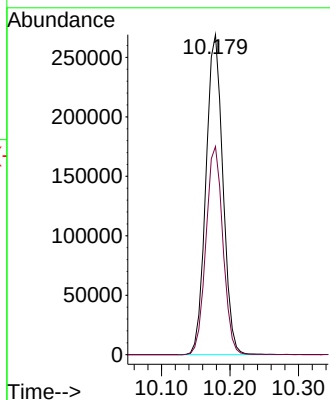
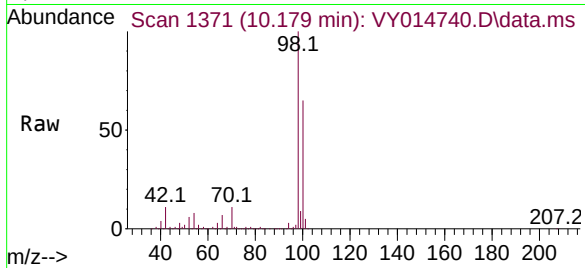




#50
Toluene-d8
Concen: 50.353 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014740.D
Acq: 21 Jul 2023 12:34

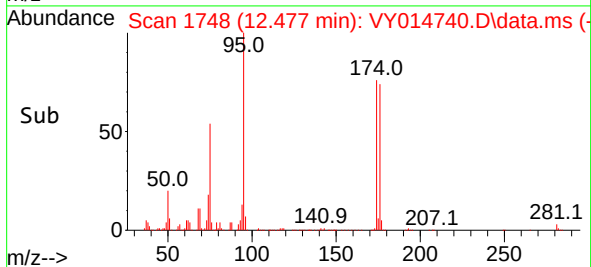
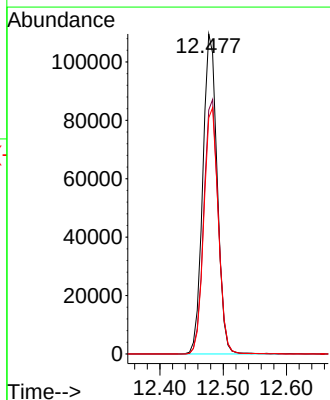
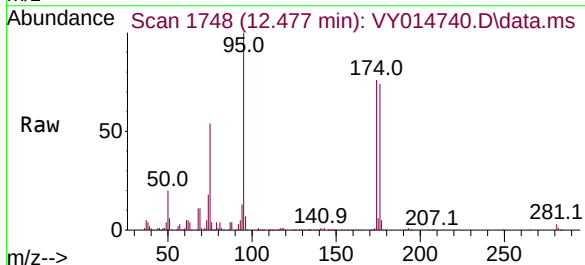
Instrument :
MSVOA_Y
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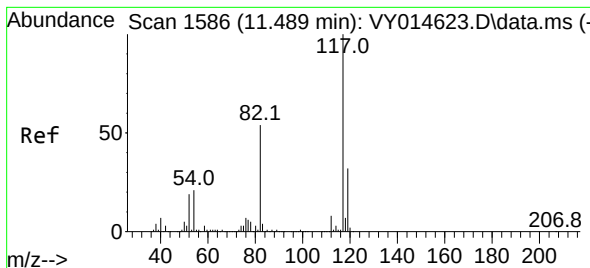
Tgt Ion: 98 Resp: 462773
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.271 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014740.D
Acq: 21 Jul 2023 12:34

Tgt Ion: 95 Resp: 173631
Ion Ratio Lower Upper
95 100
174 79.7 0.0 178.2
176 77.3 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: VY014740.D

Acq: 21 Jul 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VOC

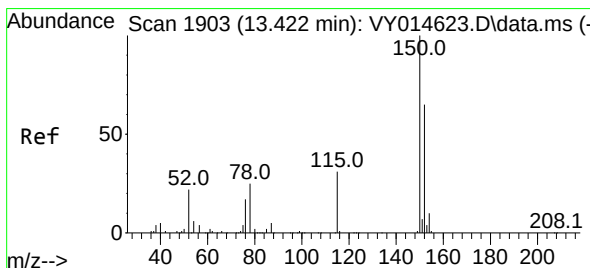
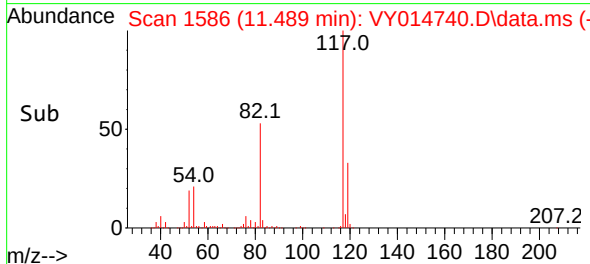
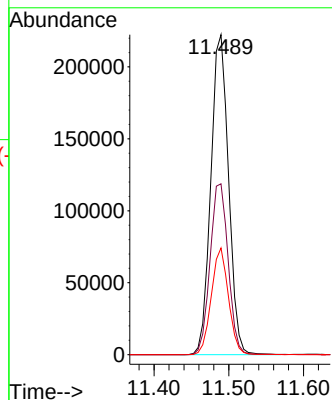
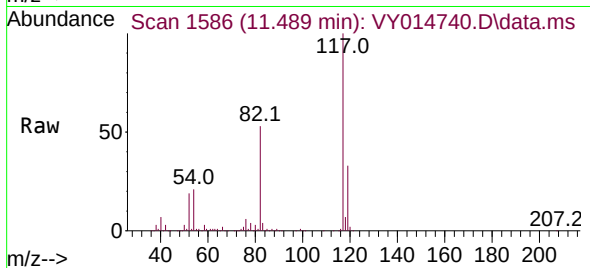
Tgt Ion:117 Resp: 366904

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 33.4 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: VY014740.D

Acq: 21 Jul 2023 12:34

Tgt Ion:152 Resp: 170199

Ion Ratio Lower Upper

152 100

115 60.3 28.8 86.5

150 158.2 0.0 348.8

