

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014257.D
 Acq On : 20 Jun 2023 03:52
 Operator : KP/MD
 Sample : 03327-17
 Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-06-GRAB-6

Quant Time: Jun 20 05:48:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	177305	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	280602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	258172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109490	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124963	50.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.220%
35) Dibromofluoromethane	7.728	113	94243	47.359	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.185	98	339653	45.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.300%
62) 4-Bromofluorobenzene	12.489	95	101016	38.223	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.440%

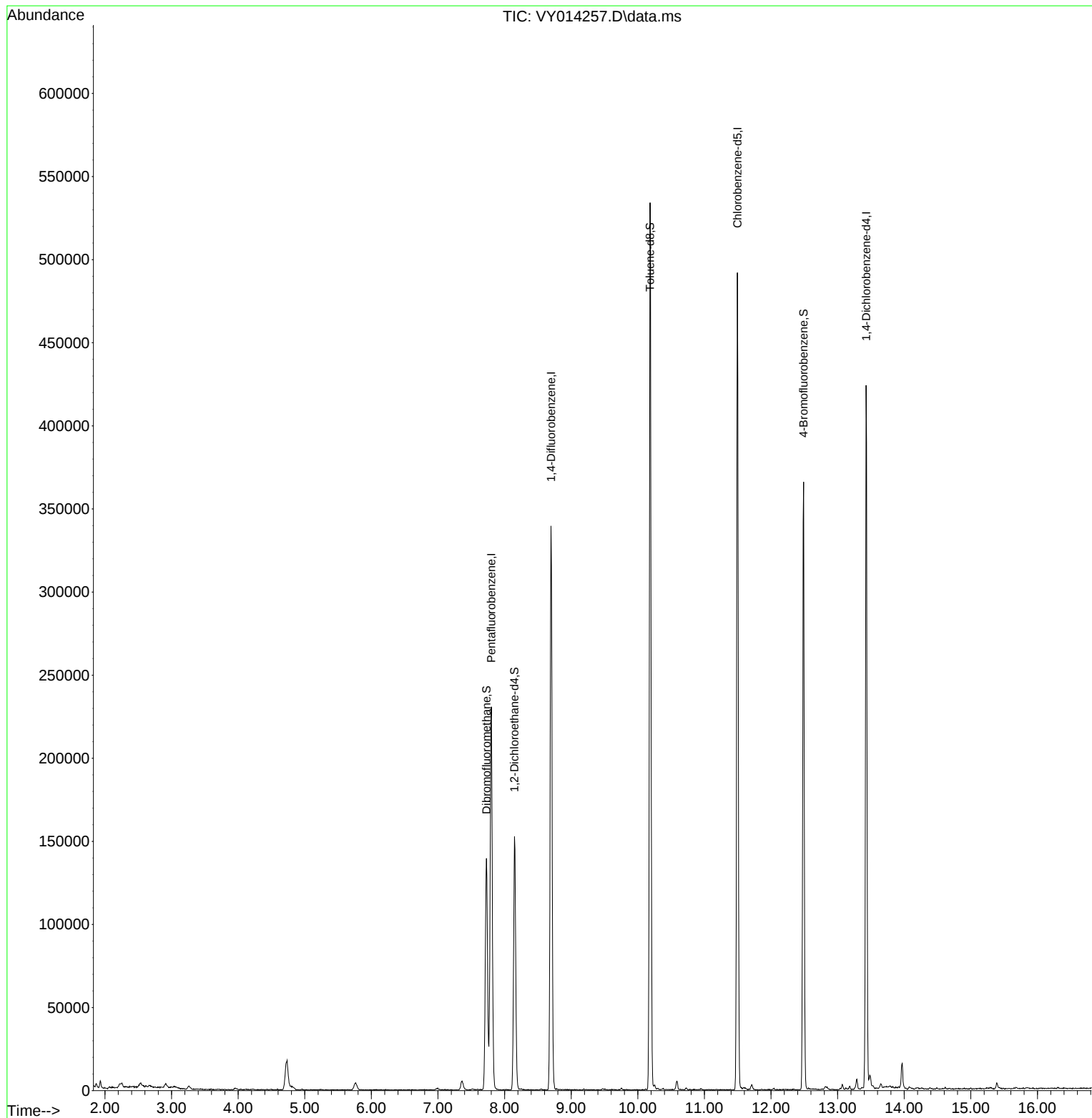
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014257.D
Acq On : 20 Jun 2023 03:52
Operator : KP/MD
Sample : 03327-17
Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-06-GRAB-6

Quant Time: Jun 20 05:48:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

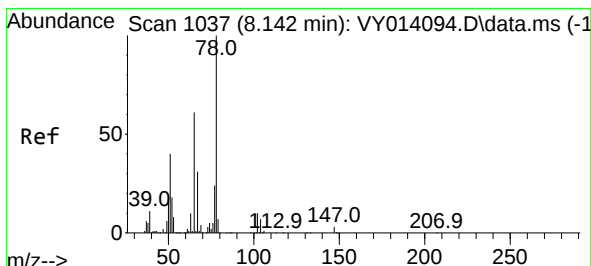
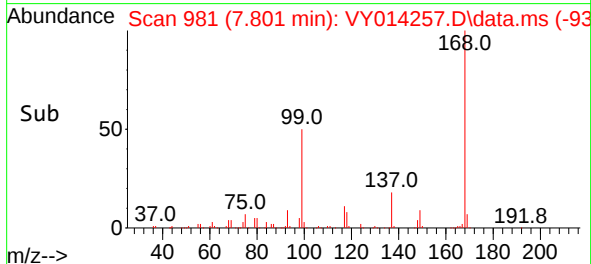
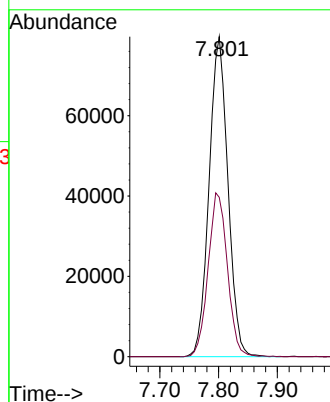
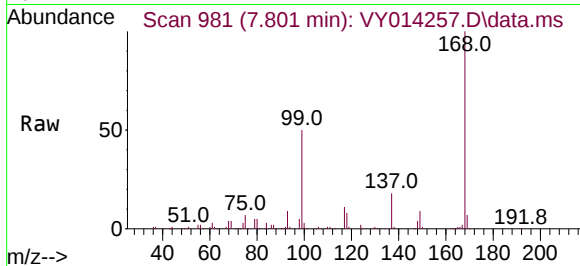




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014257.D
Acq: 20 Jun 2023 03:52

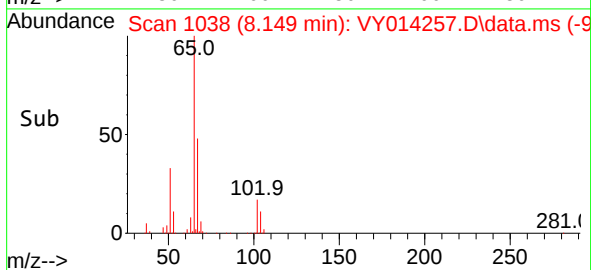
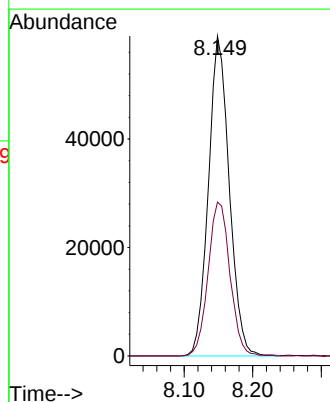
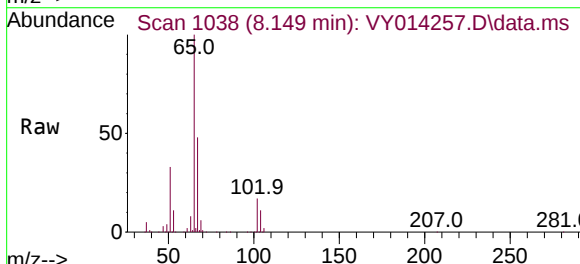
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-06-GRAB-6

Tgt Ion:168 Resp: 177305
Ion Ratio Lower Upper
168 100
99 49.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.613 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014257.D
Acq: 20 Jun 2023 03:52

Tgt Ion: 65 Resp: 124963
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

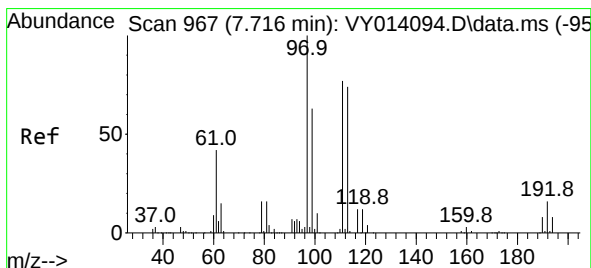
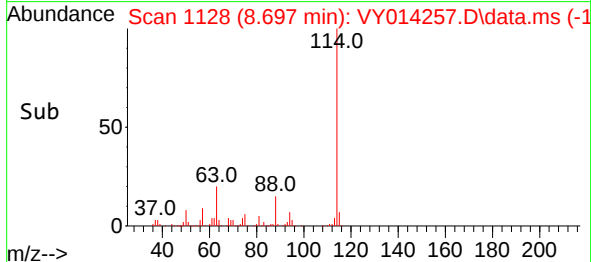
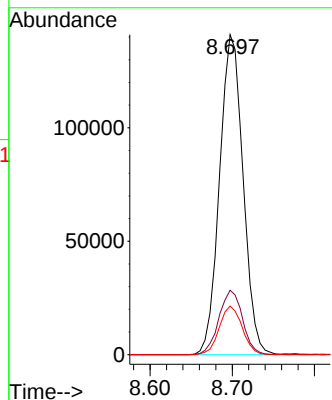
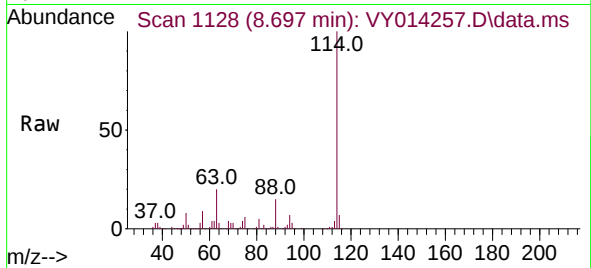




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014257.D
Acq: 20 Jun 2023 03:52

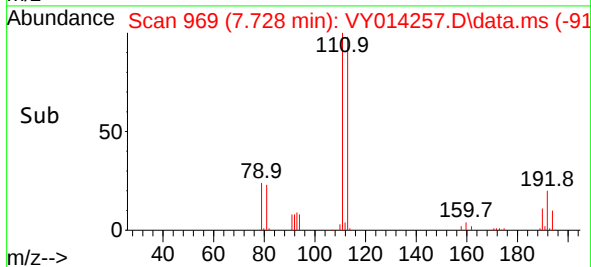
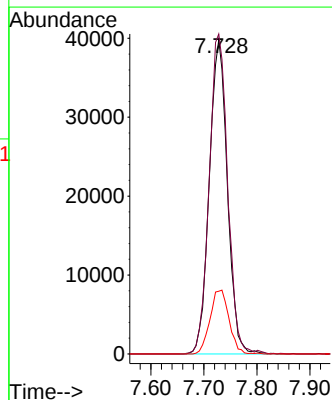
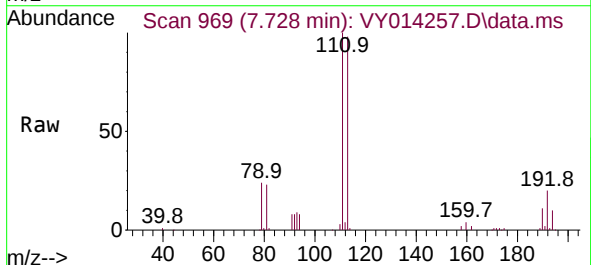
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-06-GRAB-6

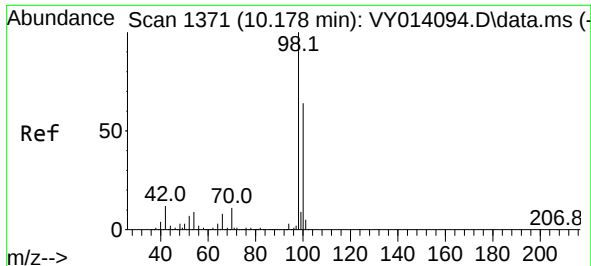
Tgt Ion:114 Resp: 280602
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.359 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014257.D
Acq: 20 Jun 2023 03:52

Tgt Ion:113 Resp: 94243
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 21.4 16.9 25.3

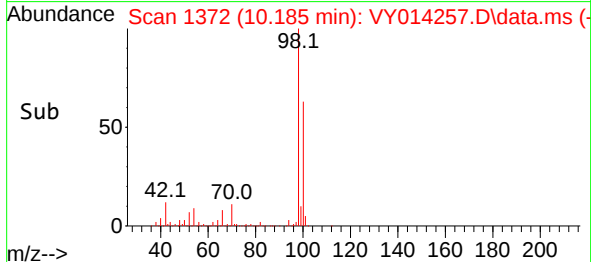
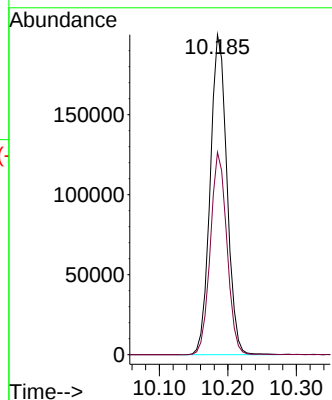
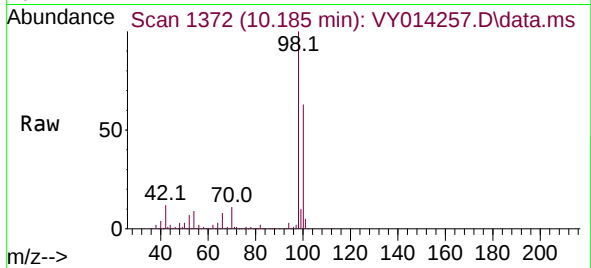




#50
Toluene-d8
Concen: 45.654 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014257.D
Acq: 20 Jun 2023 03:52

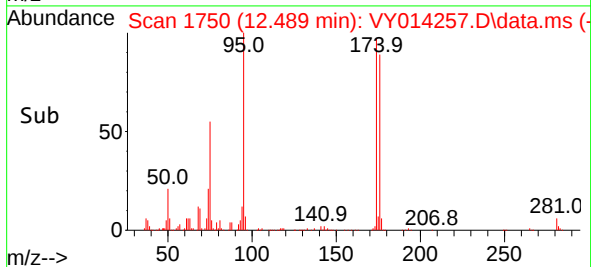
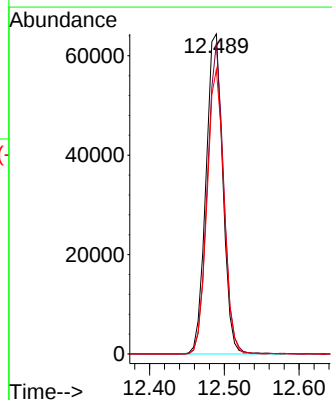
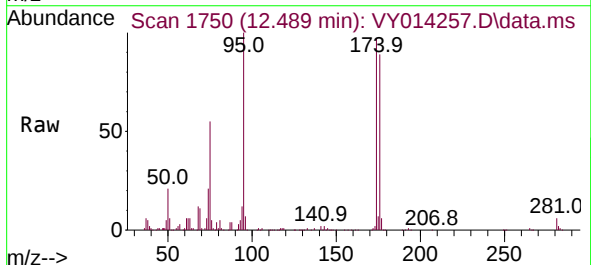
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-06-GRAB-6

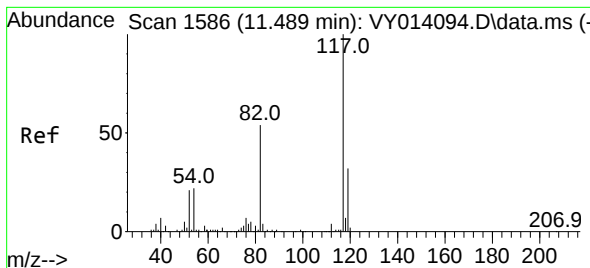
Tgt Ion: 98 Resp: 339653
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.223 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014257.D
Acq: 20 Jun 2023 03:52

Tgt Ion: 95 Resp: 101016
Ion Ratio Lower Upper
95 100
174 94.0 0.0 178.2
176 89.3 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: VY014257.D

Acq: 20 Jun 2023 03:52

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-06-GRAB-6

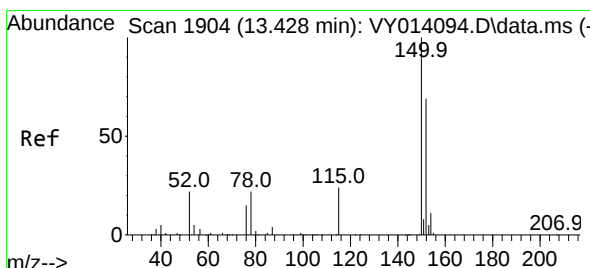
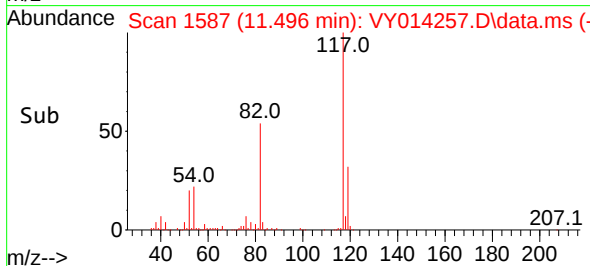
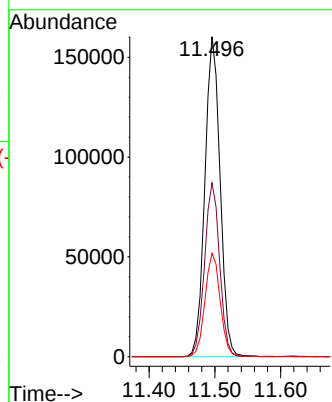
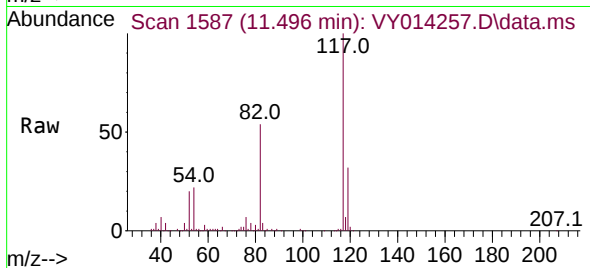
Tgt Ion:117 Resp: 258172

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014257.D

Acq: 20 Jun 2023 03:52

Tgt Ion:152 Resp: 109490

Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 153.3 0.0 348.8

