

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014367.D
 Acq On : 22 Jun 2023 07:18
 Operator : KP/MD
 Sample : 03362-06
 Misc : 14.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-32-37-SB-32-GRAB-5

Quant Time: Jun 22 07:31:36 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	178374	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	282687	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	265841	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	112952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	129614	52.182	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.360%	
35) Dibromofluoromethane	7.734	113	96903	48.337	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.680%	
50) Toluene-d8	10.191	98	343694	45.857	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.720%	
62) 4-Bromofluorobenzene	12.489	95	103021	38.694	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.380%	

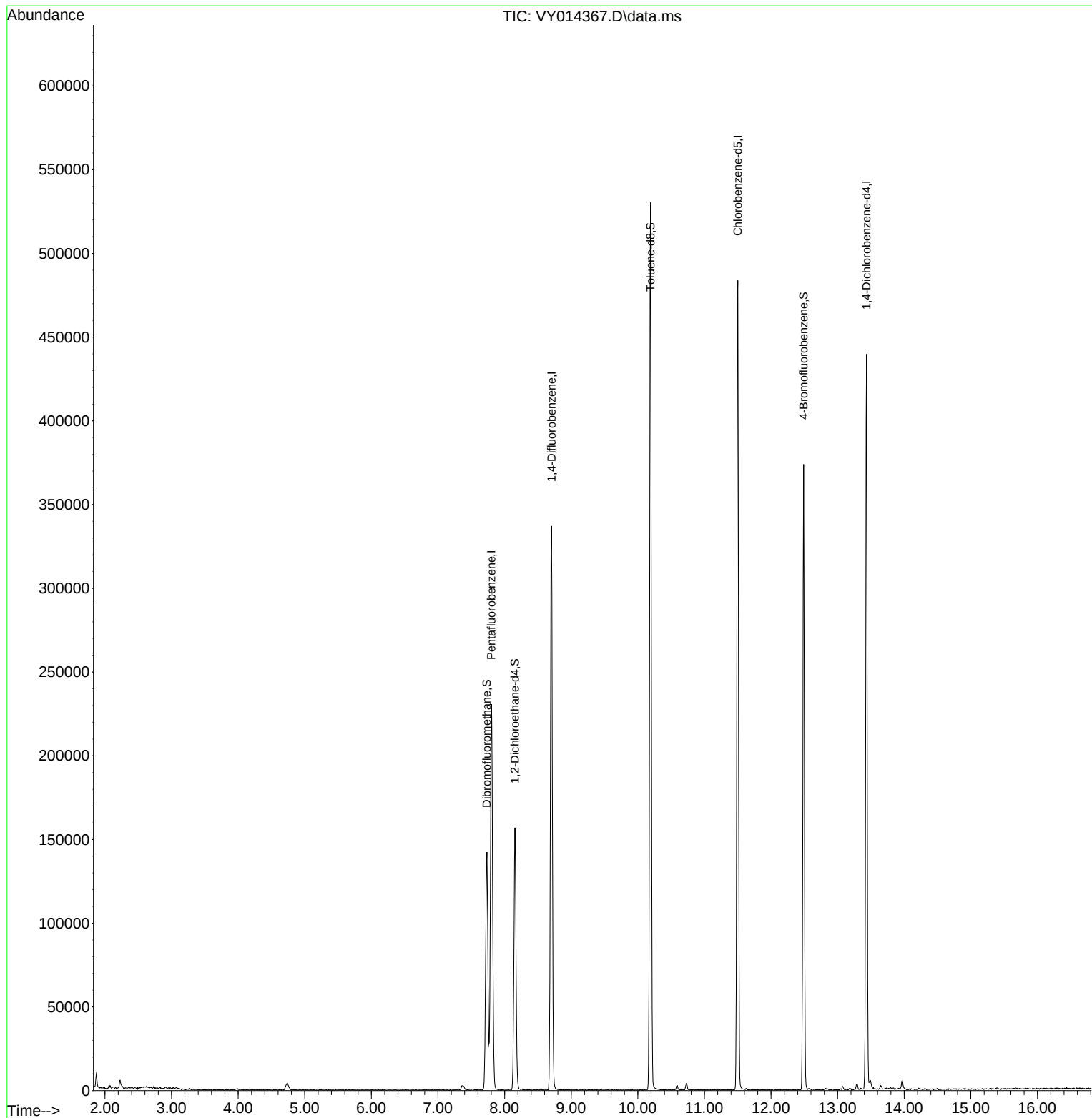
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
Data File : VY014367.D
Acq On : 22 Jun 2023 07:18
Operator : KP/MD
Sample : 03362-06
Misc : 14.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-32-GRAB-5

Quant Time: Jun 22 07:31:36 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

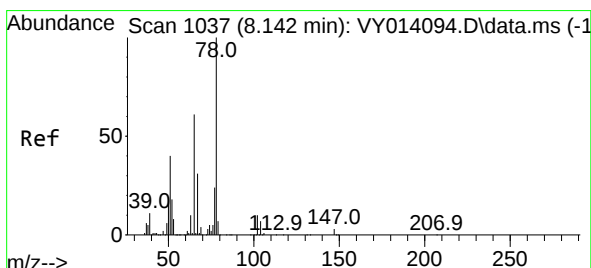
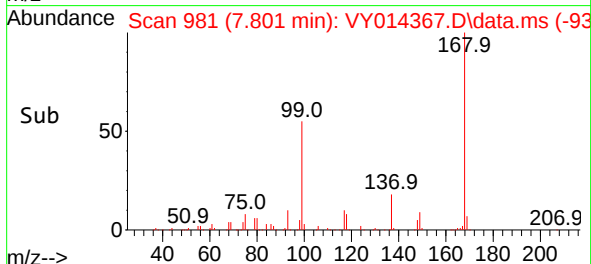
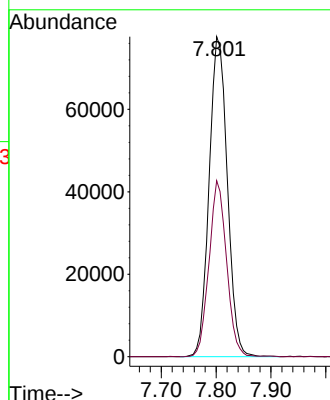
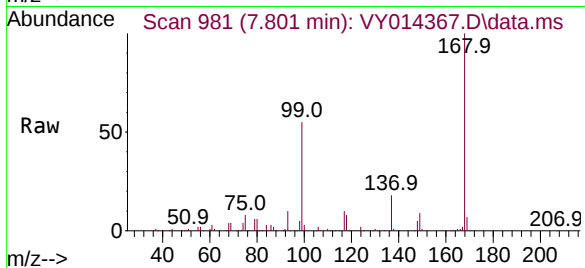




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014367.D
Acq: 22 Jun 2023 07:18

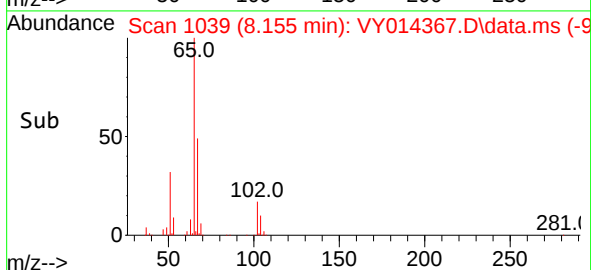
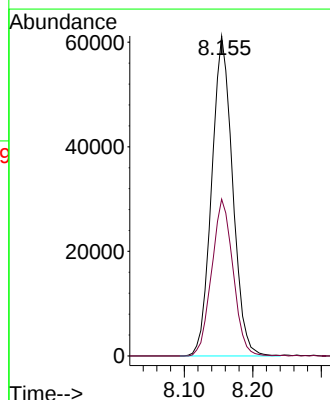
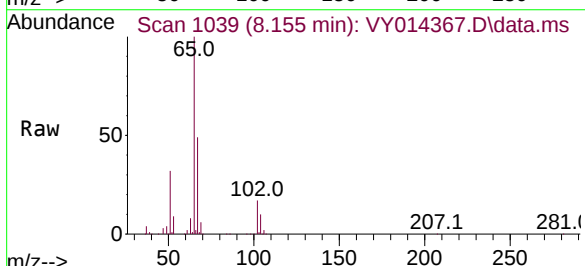
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-32-GRAB-5

Tgt Ion:168 Resp: 178374
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.182 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014367.D
Acq: 22 Jun 2023 07:18

Tgt Ion: 65 Resp: 129614
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

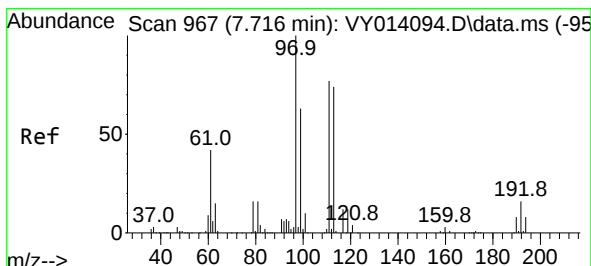
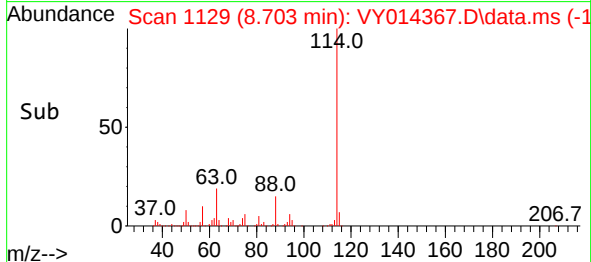
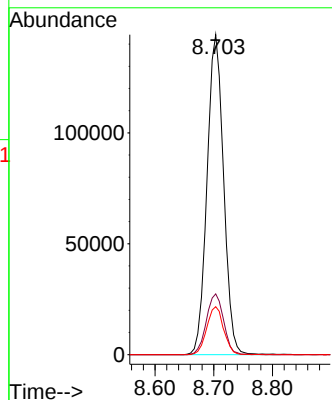
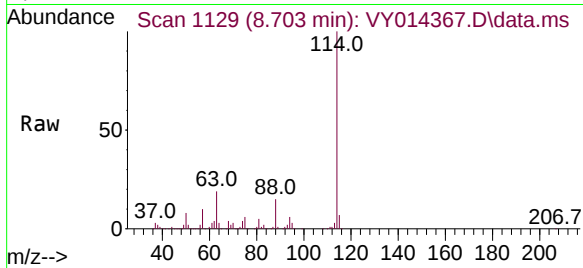




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY014367.D
Acq: 22 Jun 2023 07:18

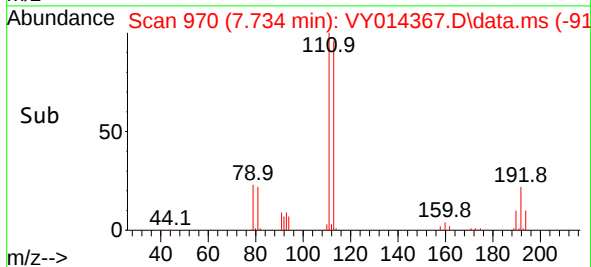
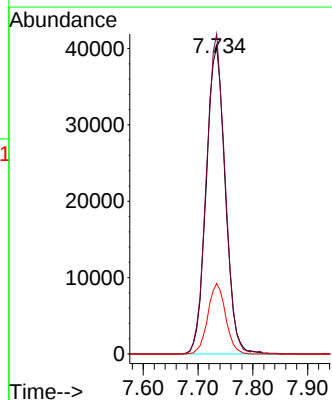
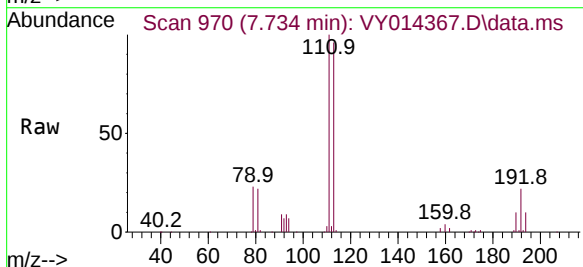
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-32-37-SB-32-GRAB-5

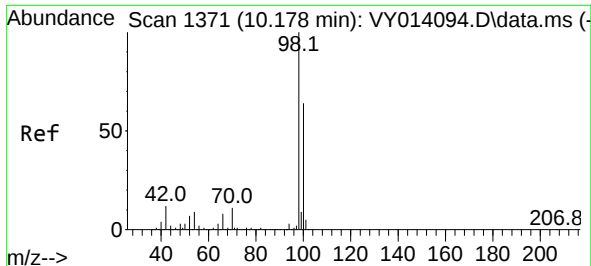
Tgt Ion:114 Resp: 282687
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.337 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY014367.D
Acq: 22 Jun 2023 07:18

Tgt Ion:113 Resp: 96903
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 21.4 16.9 25.3

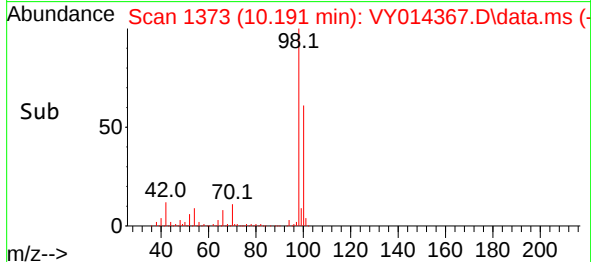
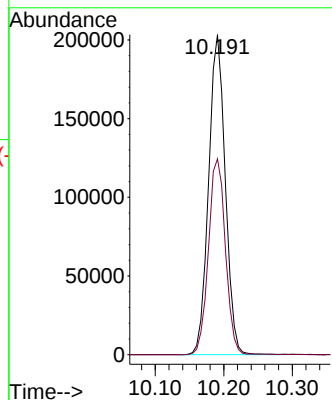
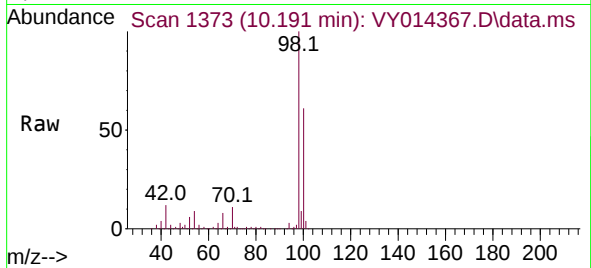




#50
Toluene-d8
Concen: 45.857 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014367.D
Acq: 22 Jun 2023 07:18

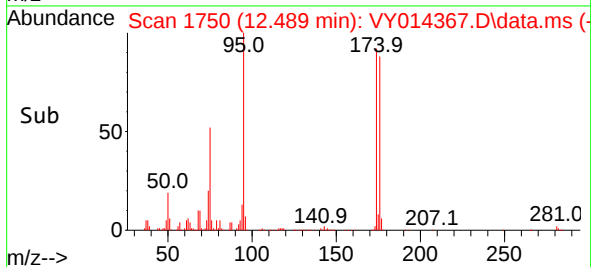
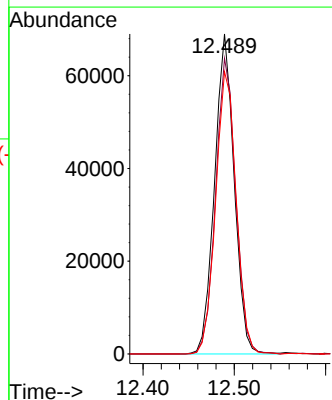
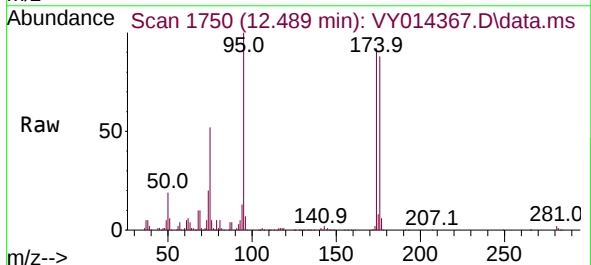
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-32-GRAB-5

Tgt Ion: 98 Resp: 343694
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.694 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014367.D
Acq: 22 Jun 2023 07:18

Tgt Ion: 95 Resp: 103021
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 92.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014367.D

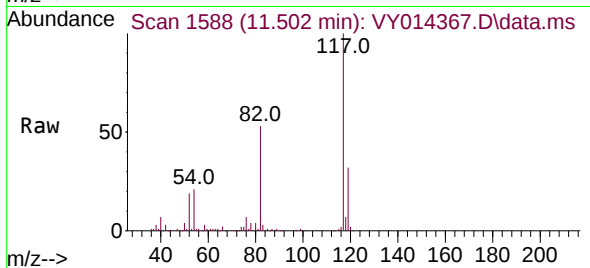
Acq: 22 Jun 2023 07:18

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-32-37-SB-32-GRAB-5



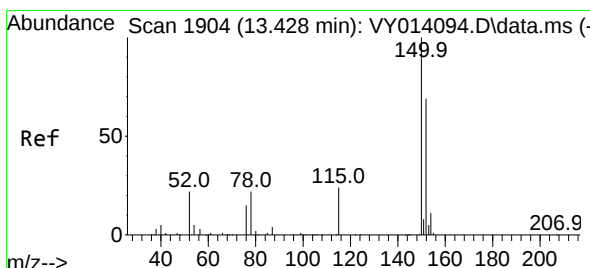
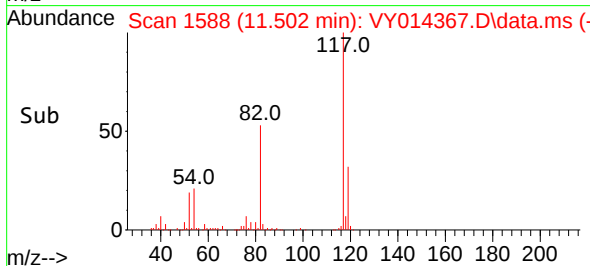
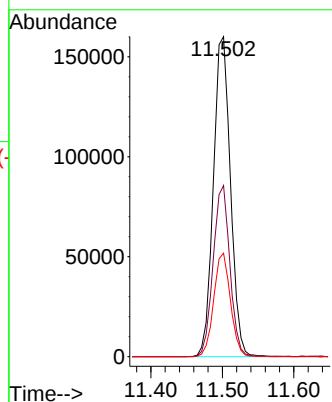
Tgt Ion:117 Resp: 265841

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014367.D

Acq: 22 Jun 2023 07:18

Tgt Ion:152 Resp: 112952

Ion Ratio Lower Upper

152 100

115 54.6 28.8 86.5

150 153.2 0.0 348.8

