

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014111.D
 Acq On : 12 Jun 2023 11:38
 Operator : KP/MD
 Sample : VY0612SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBL01

Quant Time: Jun 13 05:38:39 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	7.783	168	158921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125699	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106039	47.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.840%
35) Dibromofluoromethane	7.710	113	90360	47.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.900%
50) Toluene-d8	10.179	98	330700	46.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.900%
62) 4-Bromofluorobenzene	12.477	95	108688	42.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.940%

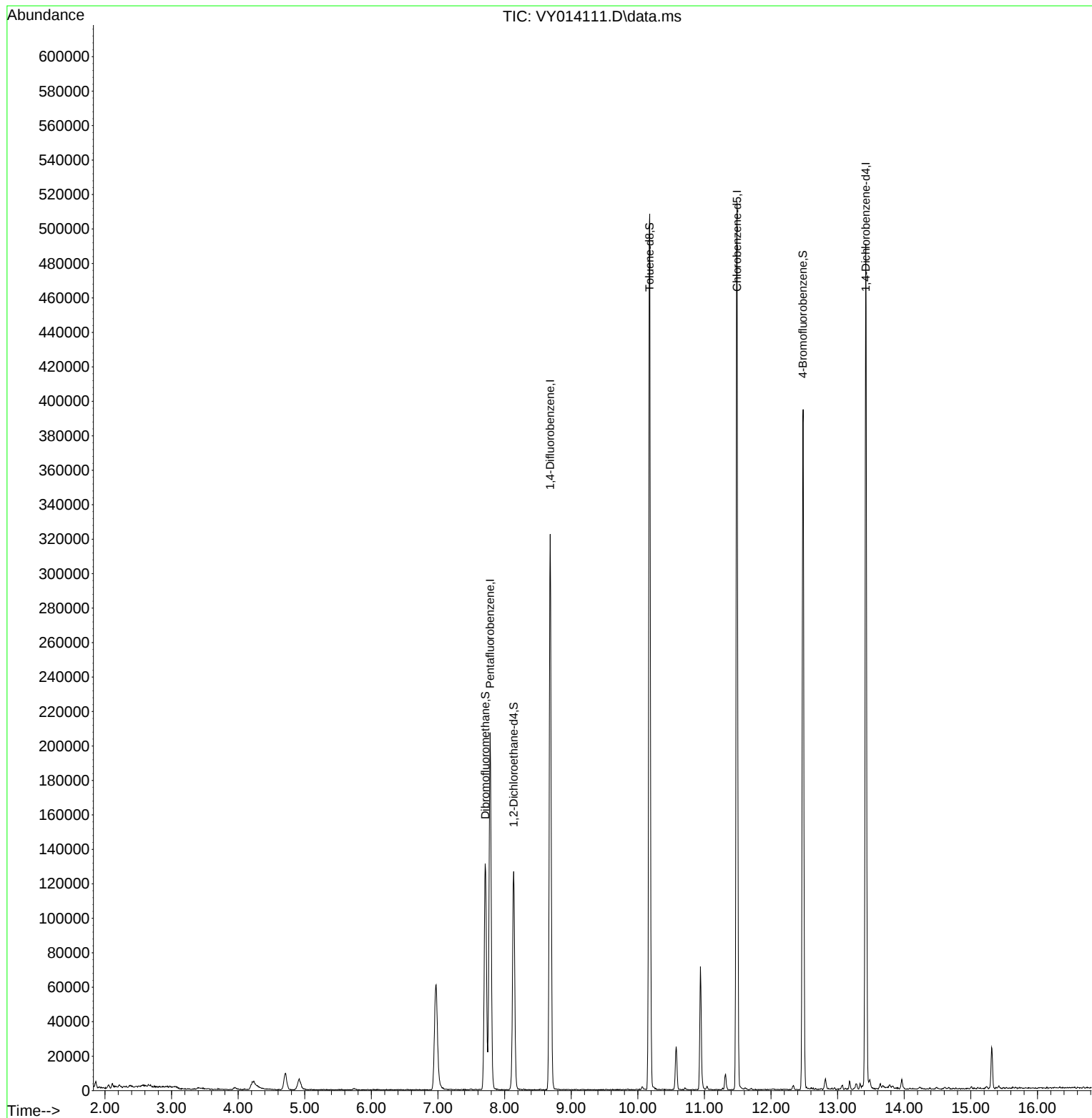
Target Compounds	Qvalue

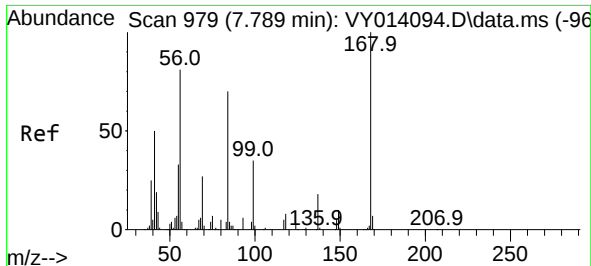
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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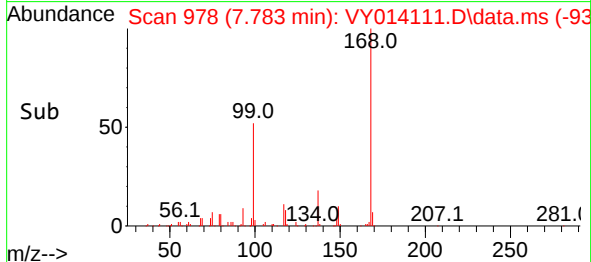
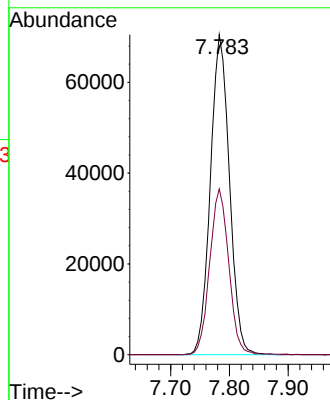
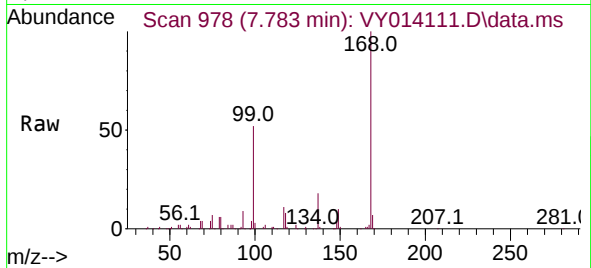




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

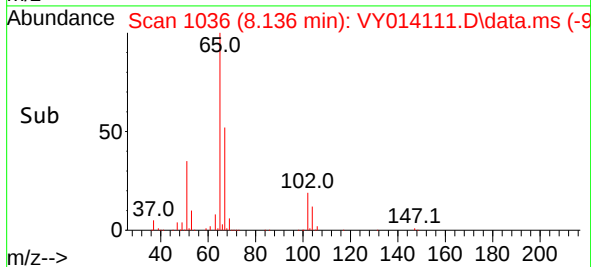
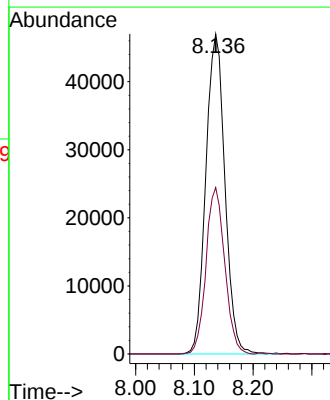
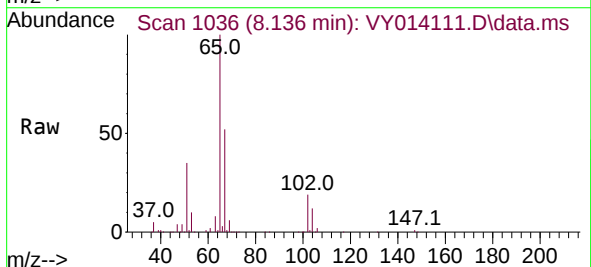
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

Tgt Ion:168 Resp: 158921
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.916 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

Tgt Ion: 65 Resp: 106039
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

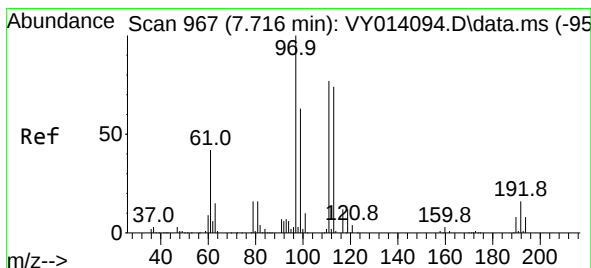
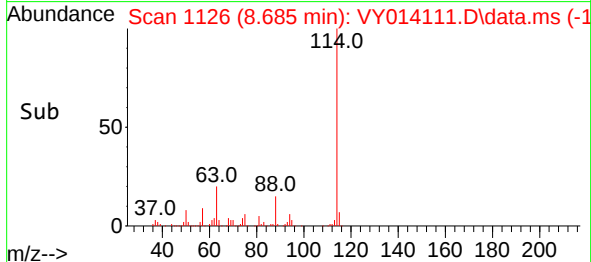
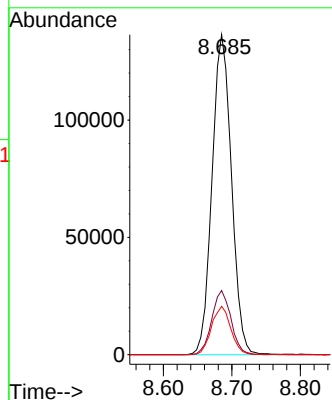
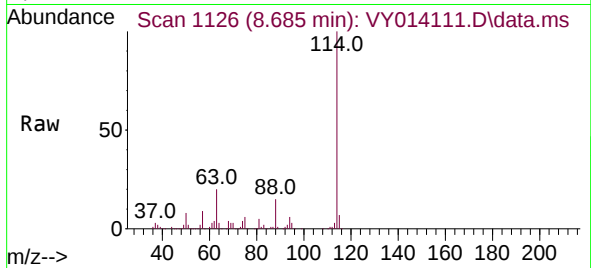




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

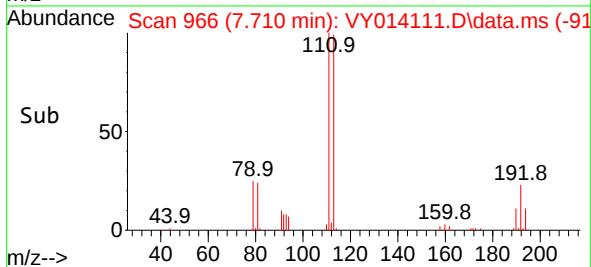
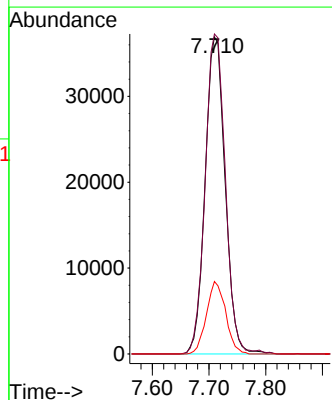
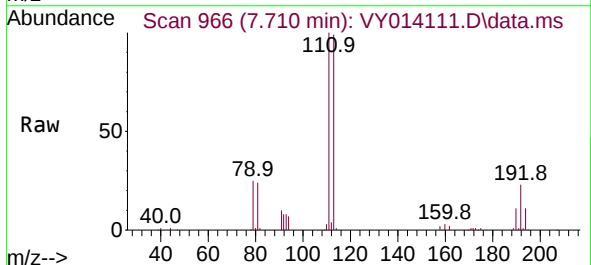
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

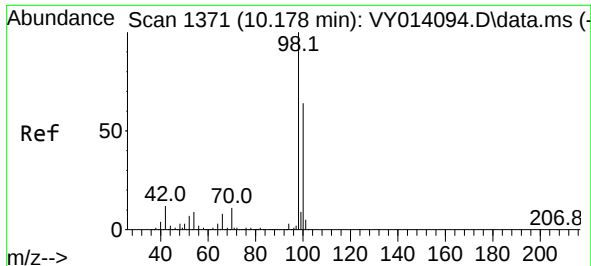
Tgt Ion:114 Resp: 268553
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.445 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

Tgt Ion:113 Resp: 90360
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 22.0 16.9 25.3

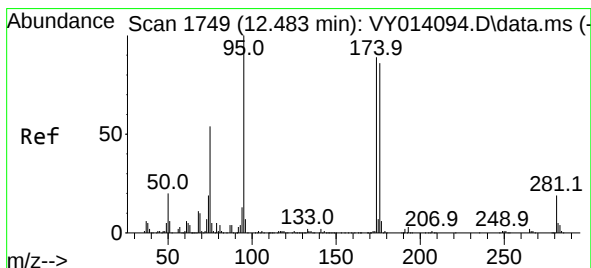
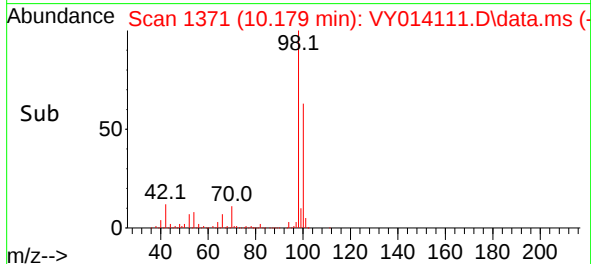
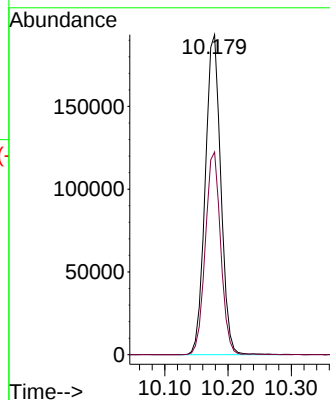
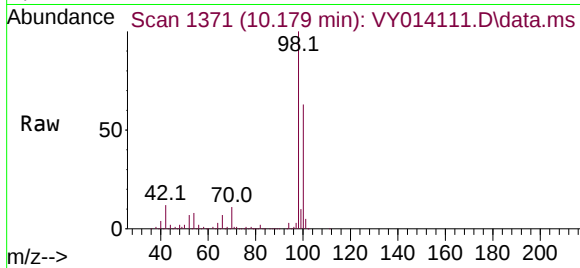




#50
Toluene-d8
Concen: 46.445 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

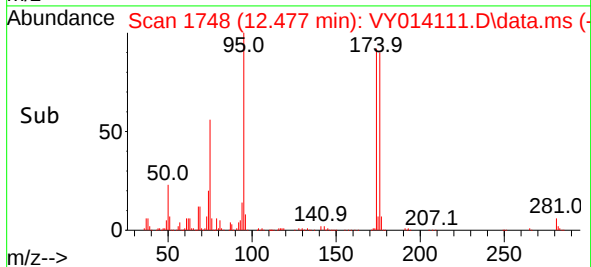
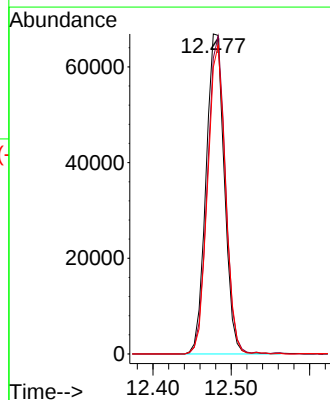
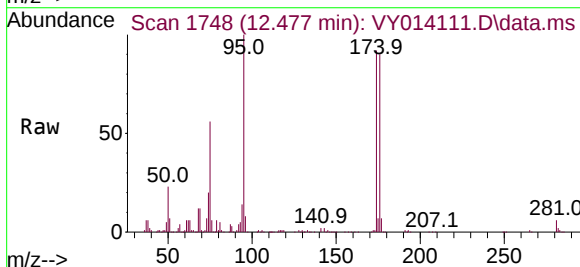
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

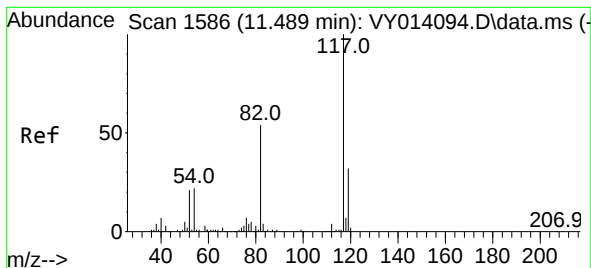
Tgt Ion: 98 Resp: 330700
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.971 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

Tgt Ion: 95 Resp: 108688
Ion Ratio Lower Upper
95 100
174 97.1 0.0 178.2
176 93.6 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: VY014111.D

Acq: 12 Jun 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBL01

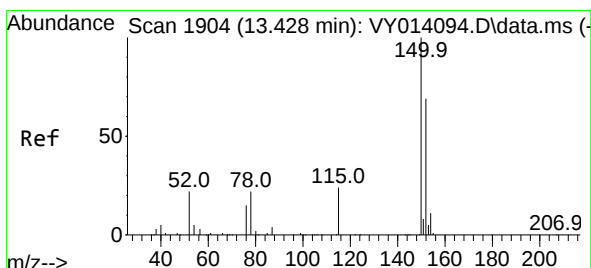
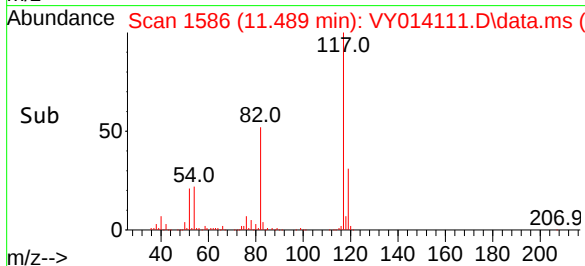
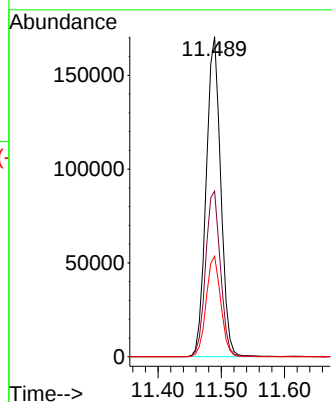
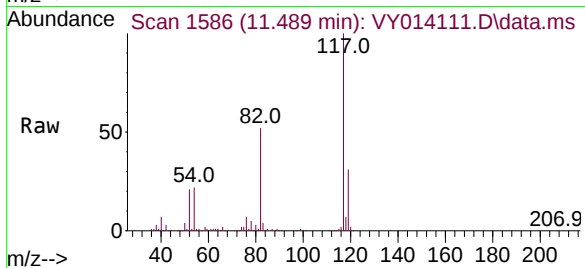
Tgt Ion:117 Resp: 274140

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014111.D

Acq: 12 Jun 2023 11:38

Tgt Ion:152 Resp: 125699

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 156.4 0.0 348.8

