

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014114.D
 Acq On : 12 Jun 2023 12:48
 Operator : KP/MD
 Sample : 03103-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-060823

Quant Time: Jun 13 05:40:32 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	1174	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2439	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1648	100.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.620%#	
35) Dibromofluoromethane	7.710	113	852	52.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.660%	
50) Toluene-d8	10.185	98	2738	44.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.960%	
62) 4-Bromofluorobenzene	12.483	95	910	42.082	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.160%	

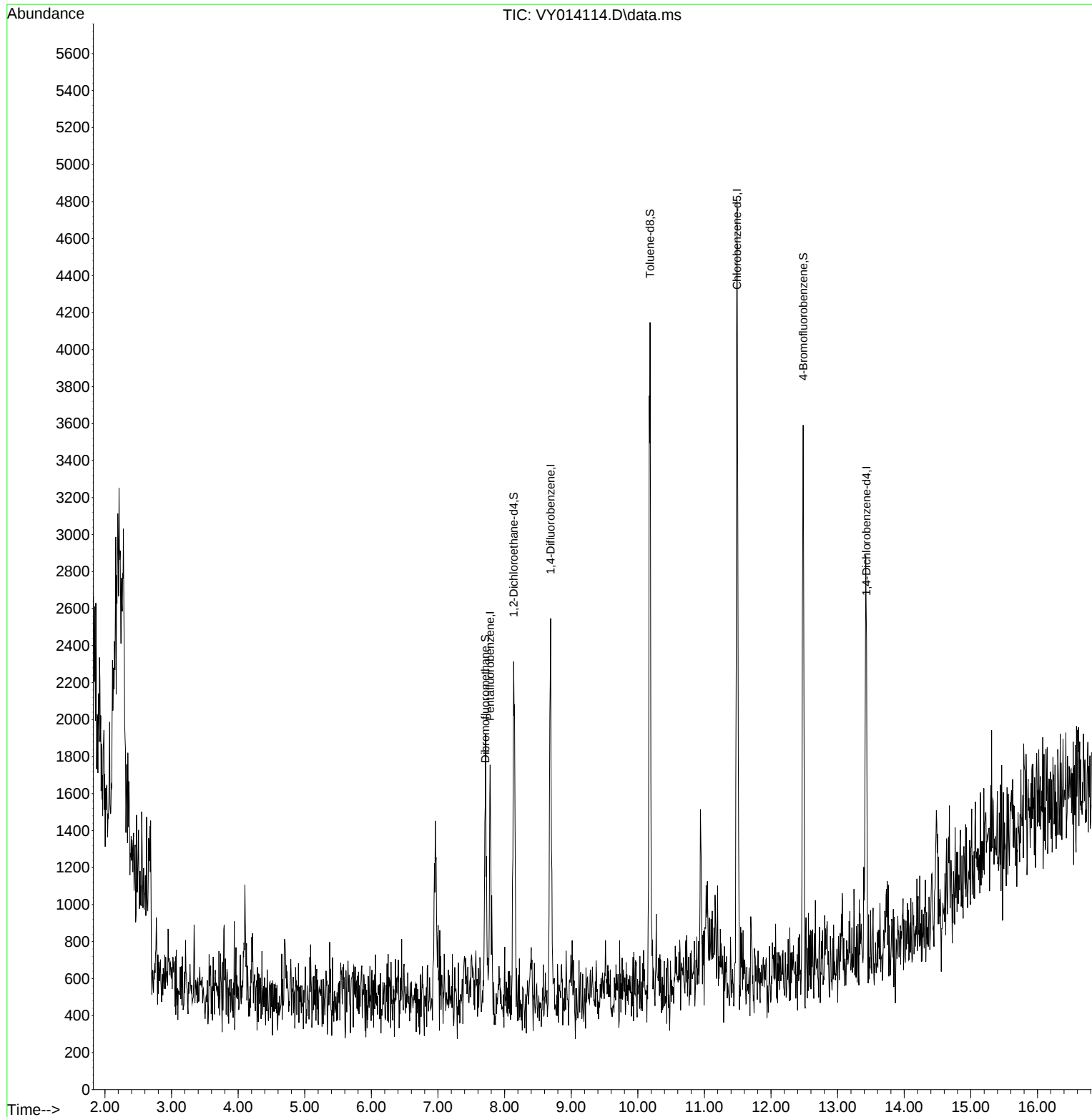
Target Compounds	Qvalue

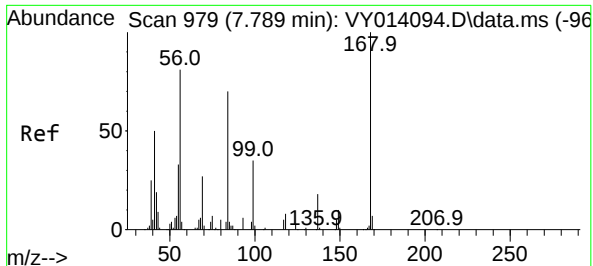
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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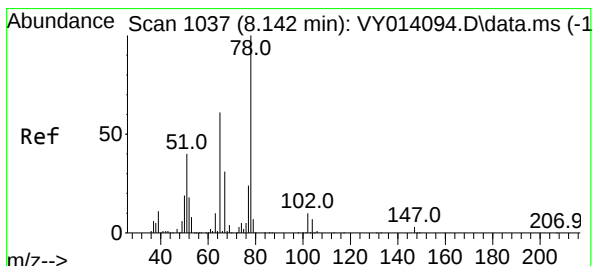
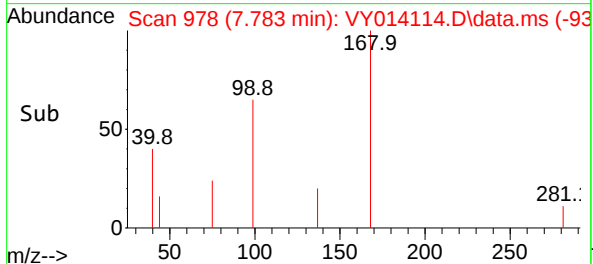
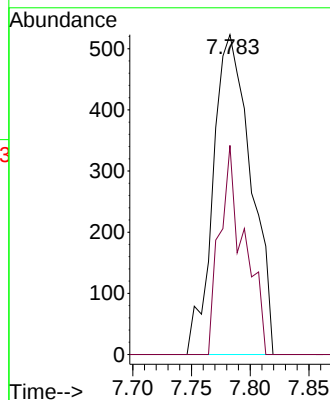
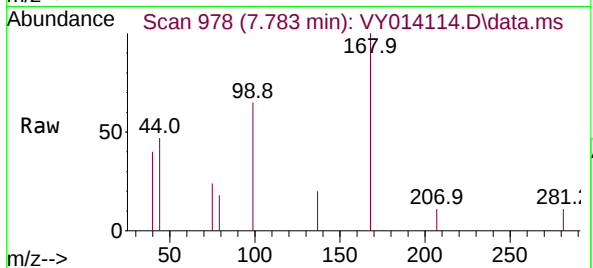




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014114.D
Acq: 12 Jun 2023 12:48

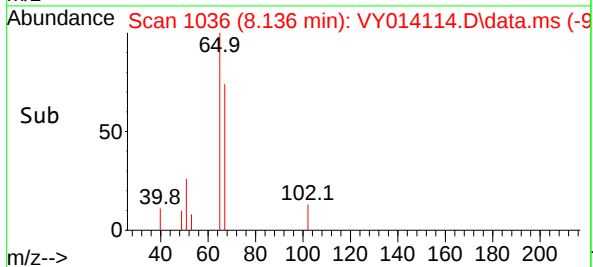
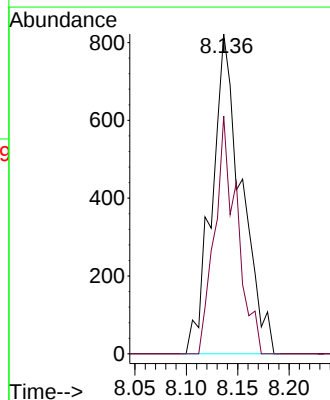
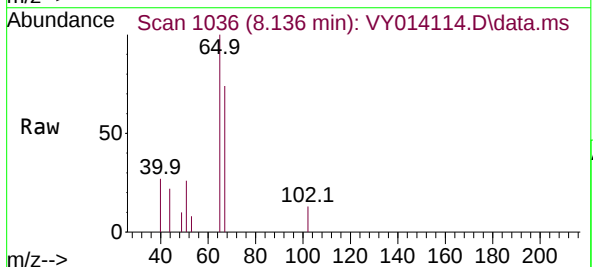
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

Tgt Ion:168 Resp: 1174
Ion Ratio Lower Upper
168 100
99 65.4 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 100.807 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014114.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 65 Resp: 1648
Ion Ratio Lower Upper
65 100
67 56.1 0.0 101.8

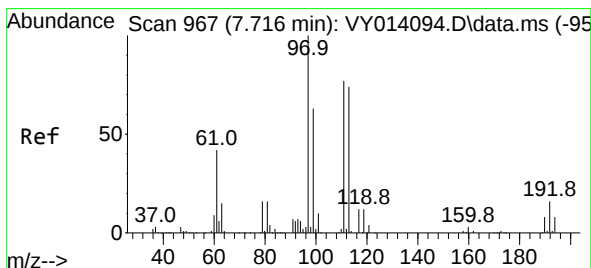
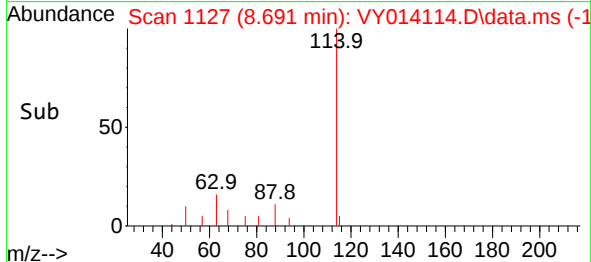
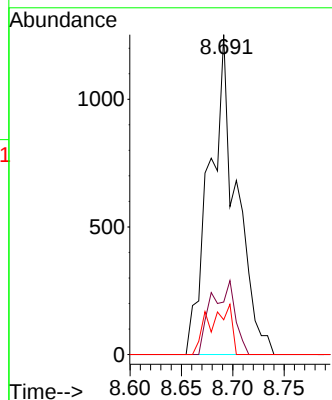
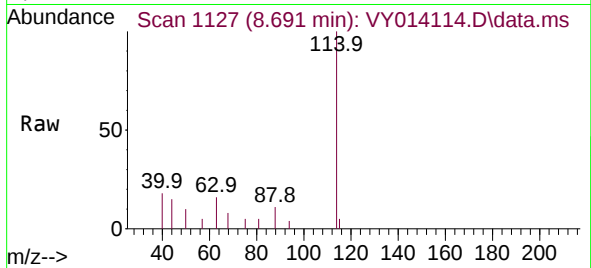




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014114.D
Acq: 12 Jun 2023 12:48

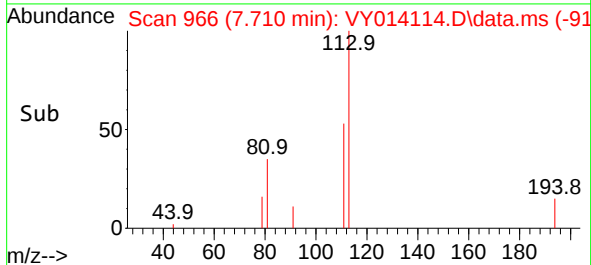
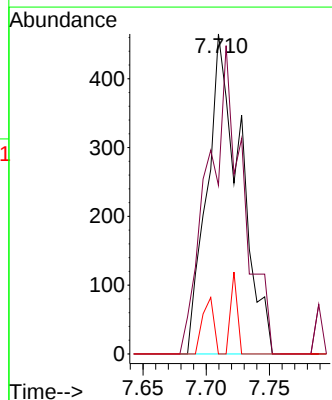
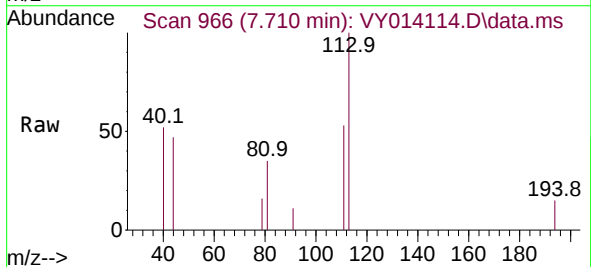
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

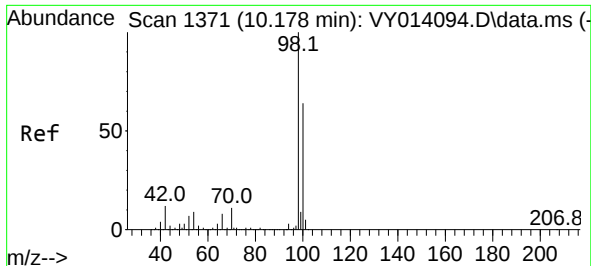
Tgt Ion:114	Resp:	2296
Ion	Ratio	Lower Upper
114	100	
63	16.4	0.0 42.4
88	10.9	0.0 30.6



#35
Dibromofluoromethane
Concen: 52.325 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014114.D
Acq: 12 Jun 2023 12:48

Tgt Ion:113	Resp:	852
Ion	Ratio	Lower Upper
113	100	
111	100.7	81.3 121.9
192	5.2	16.9 25.3

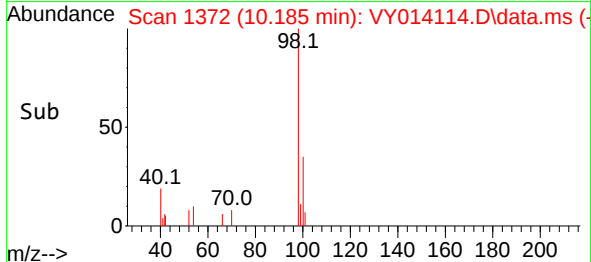
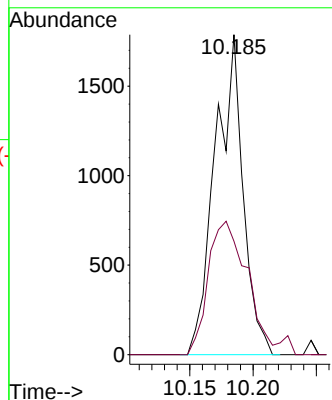
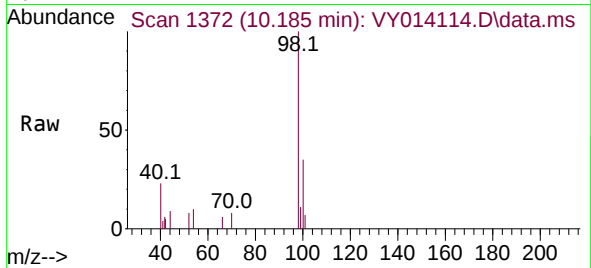




#50
Toluene-d8
Concen: 44.978 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014114.D
Acq: 12 Jun 2023 12:48

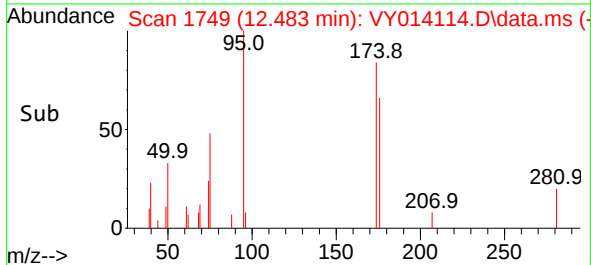
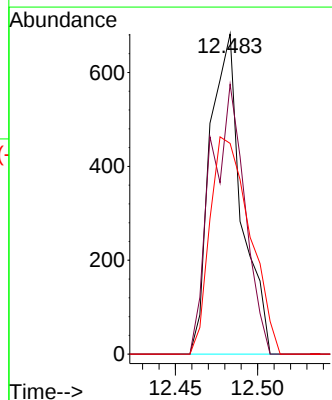
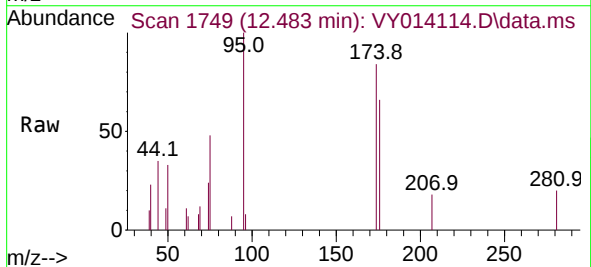
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

Tgt Ion: 98 Resp: 2738
Ion Ratio Lower Upper
98 100
100 60.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.082 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014114.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 95 Resp: 910
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.2
176 86.0 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: VY014114.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_Y

ClientSampleId :

NB-8-060823

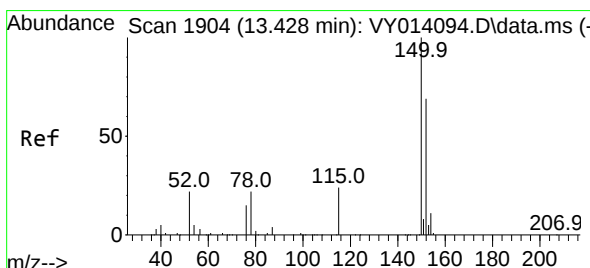
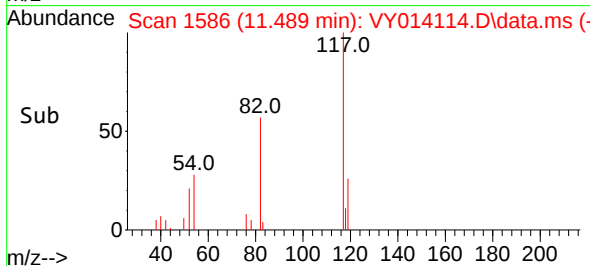
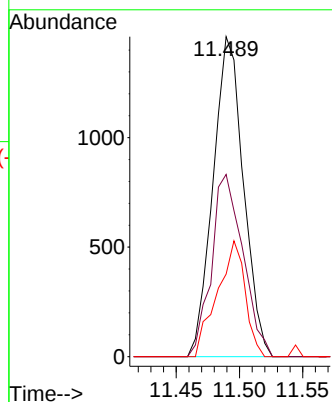
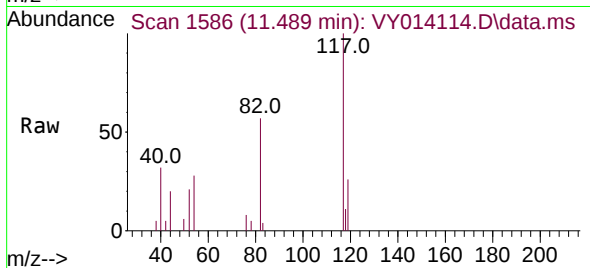
Tgt Ion:117 Resp: 2439

Ion Ratio Lower Upper

117 100

82 56.9 43.4 65.0

119 25.8 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: VY014114.D

Acq: 12 Jun 2023 12:48

Tgt Ion:152 Resp: 793

Ion Ratio Lower Upper

152 100

115 62.4 28.8 86.5

150 151.5 0.0 348.8

