

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014160.D
 Acq On : 14 Jun 2023 17:50
 Operator : KP/MD
 Sample : 03164-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-001RE

Quant Time: Jun 15 01:44:28 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	21466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	27785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12724	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9571	32.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.040%
35) Dibromofluoromethane	7.716	113	9624	43.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.000%
50) Toluene-d8	10.179	98	40358	48.237	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.483	95	12351	41.557	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.120%

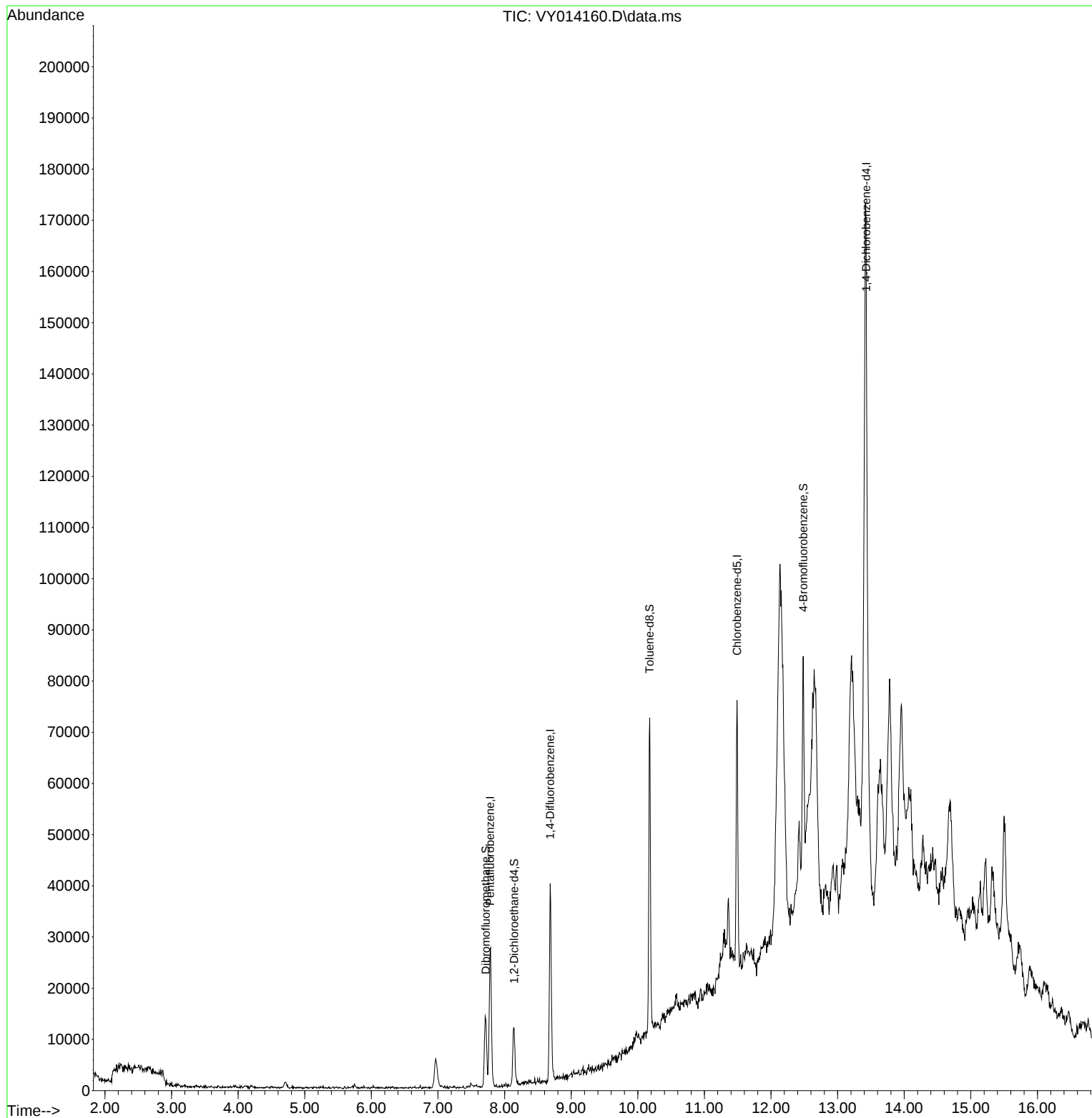
Target Compounds	Qvalue

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

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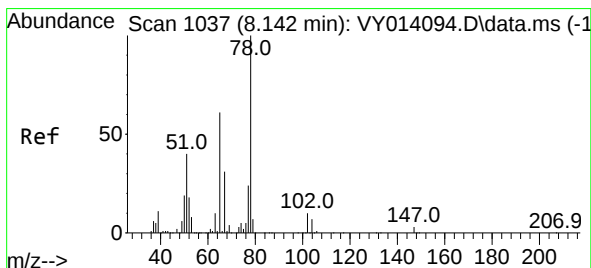
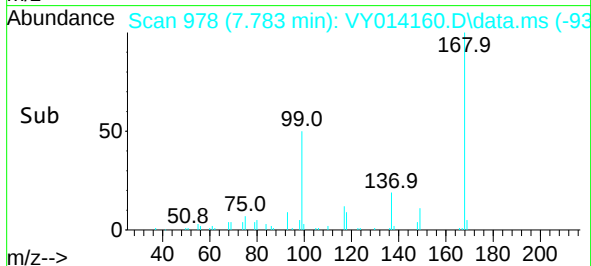
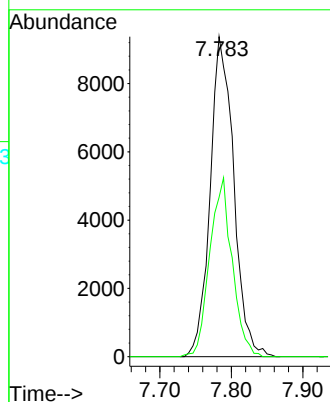
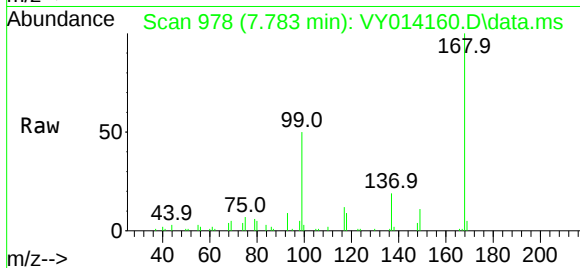




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014160.D
Acq: 14 Jun 2023 17:50

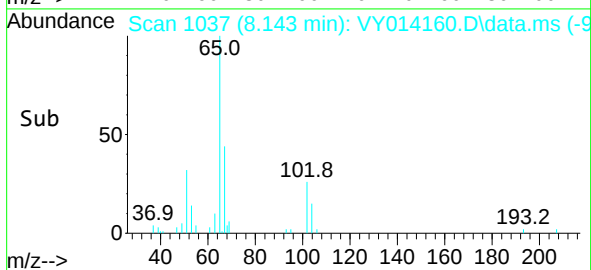
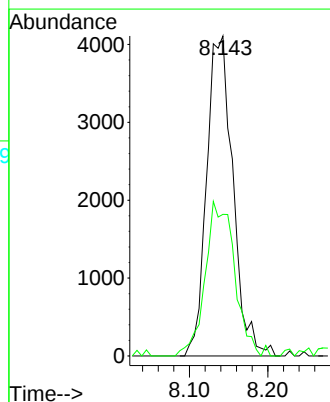
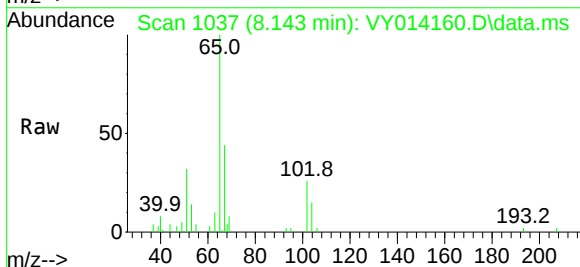
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-001RE

Tgt Ion:168 Resp: 21466
Ion Ratio Lower Upper
168 100
99 49.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 32.019 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014160.D
Acq: 14 Jun 2023 17:50

Tgt Ion: 65 Resp: 9571
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8

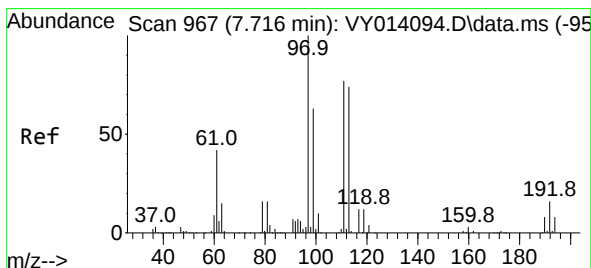
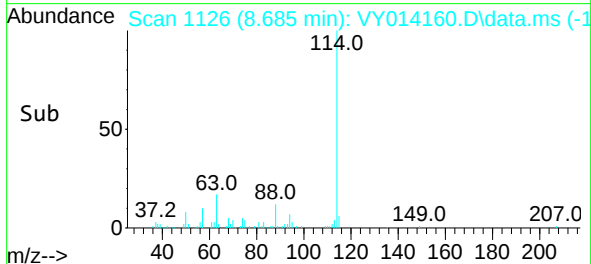
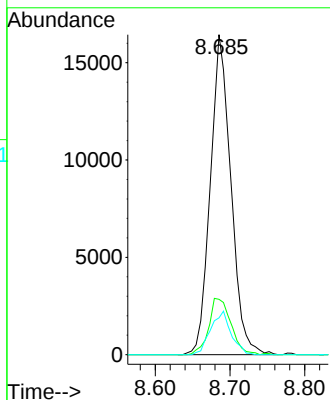
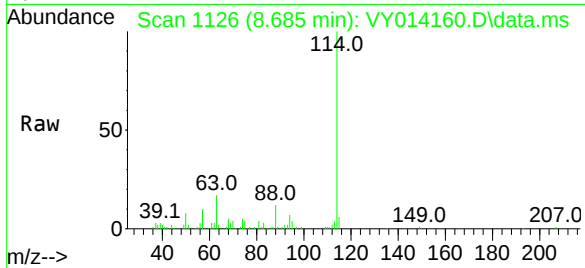




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014160.D
Acq: 14 Jun 2023 17:50

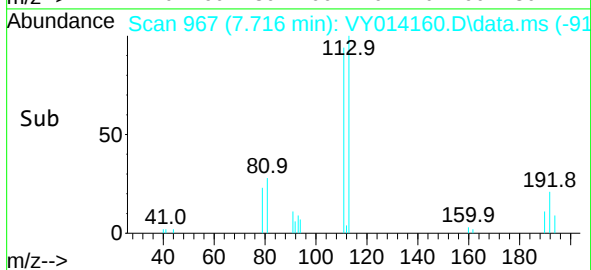
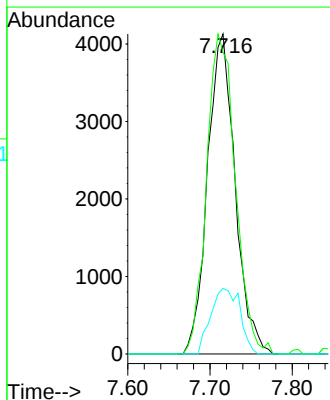
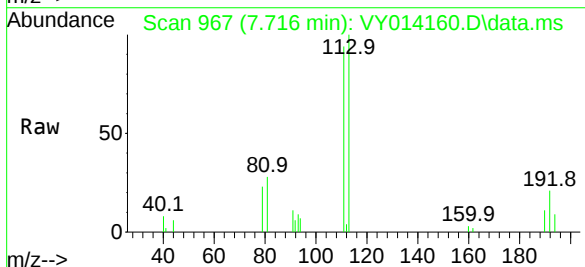
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-001RE

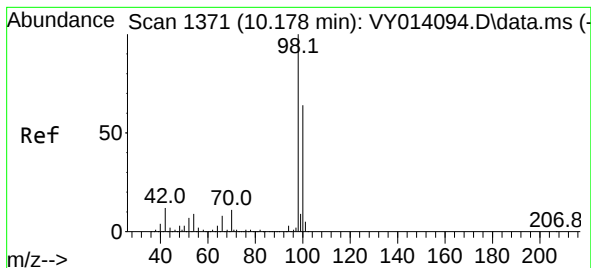
Tgt Ion:	114	Resp:	31556
Ion Ratio	Lower	Upper	
114	100		
63	17.3	0.0	42.4
88	11.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 43.005 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014160.D
Acq: 14 Jun 2023 17:50

Tgt Ion:	113	Resp:	9624
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.3	121.9
192	21.7	16.9	25.3

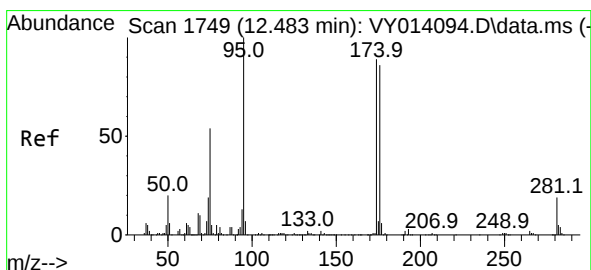
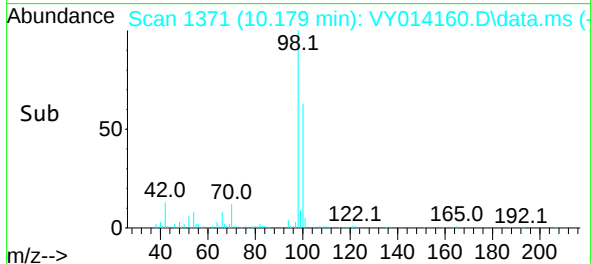
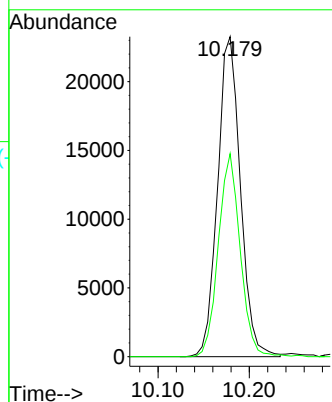
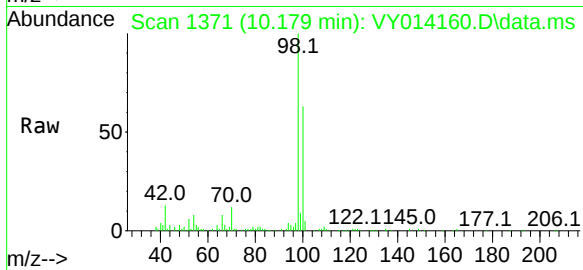




#50
Toluene-d8
Concen: 48.237 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014160.D
Acq: 14 Jun 2023 17:50

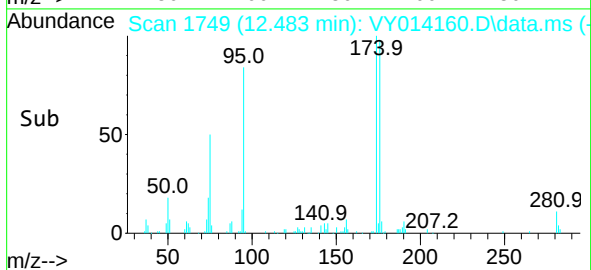
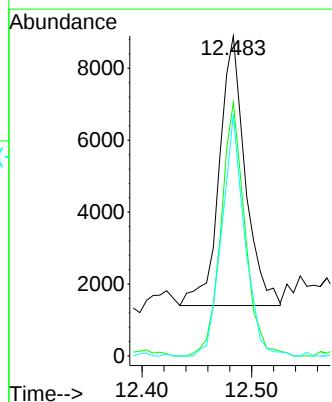
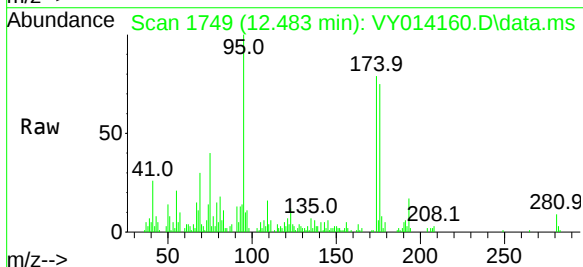
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-001RE

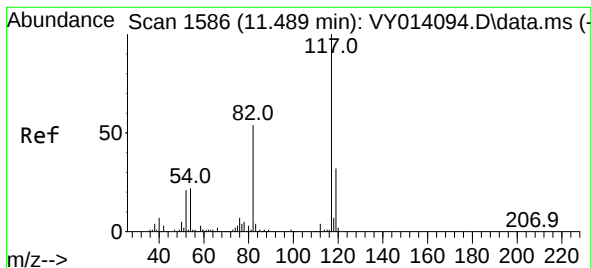
Tgt Ion: 98 Resp: 40358
Ion Ratio Lower Upper
98 100
100 61.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.557 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014160.D
Acq: 14 Jun 2023 17:50

Tgt Ion: 95 Resp: 12351
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 78.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014160.D

Acq: 14 Jun 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-001RE

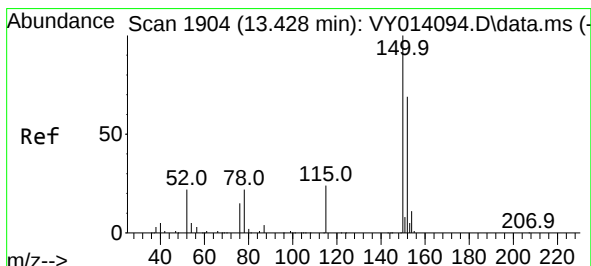
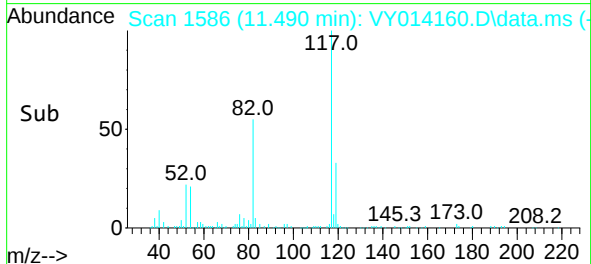
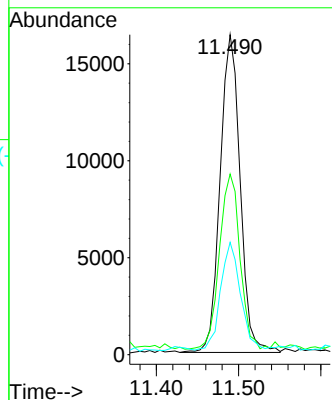
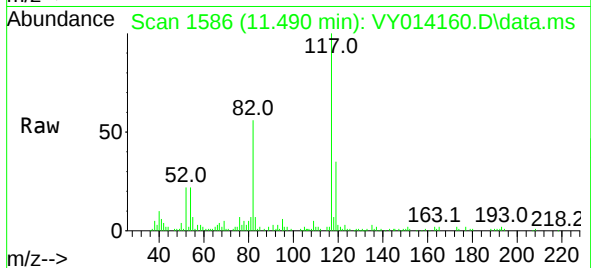
Tgt Ion:117 Resp: 27785

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 33.1 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: VY014160.D

Acq: 14 Jun 2023 17:50

Tgt Ion:152 Resp: 12724

Ion Ratio Lower Upper

152 100

115 50.0 28.8 86.5

150 133.5 0.0 348.8

