

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014334.D
 Acq On : 21 Jun 2023 14:34
 Operator : KP/MD
 Sample : 03337-04
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17

Quant Time: Jun 22 01:57:00 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	7.789	168	189120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128080	48.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.260%
35) Dibromofluoromethane	7.716	113	96711	46.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.820%
50) Toluene-d8	10.179	98	354198	45.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.483	95	117502	42.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.920%

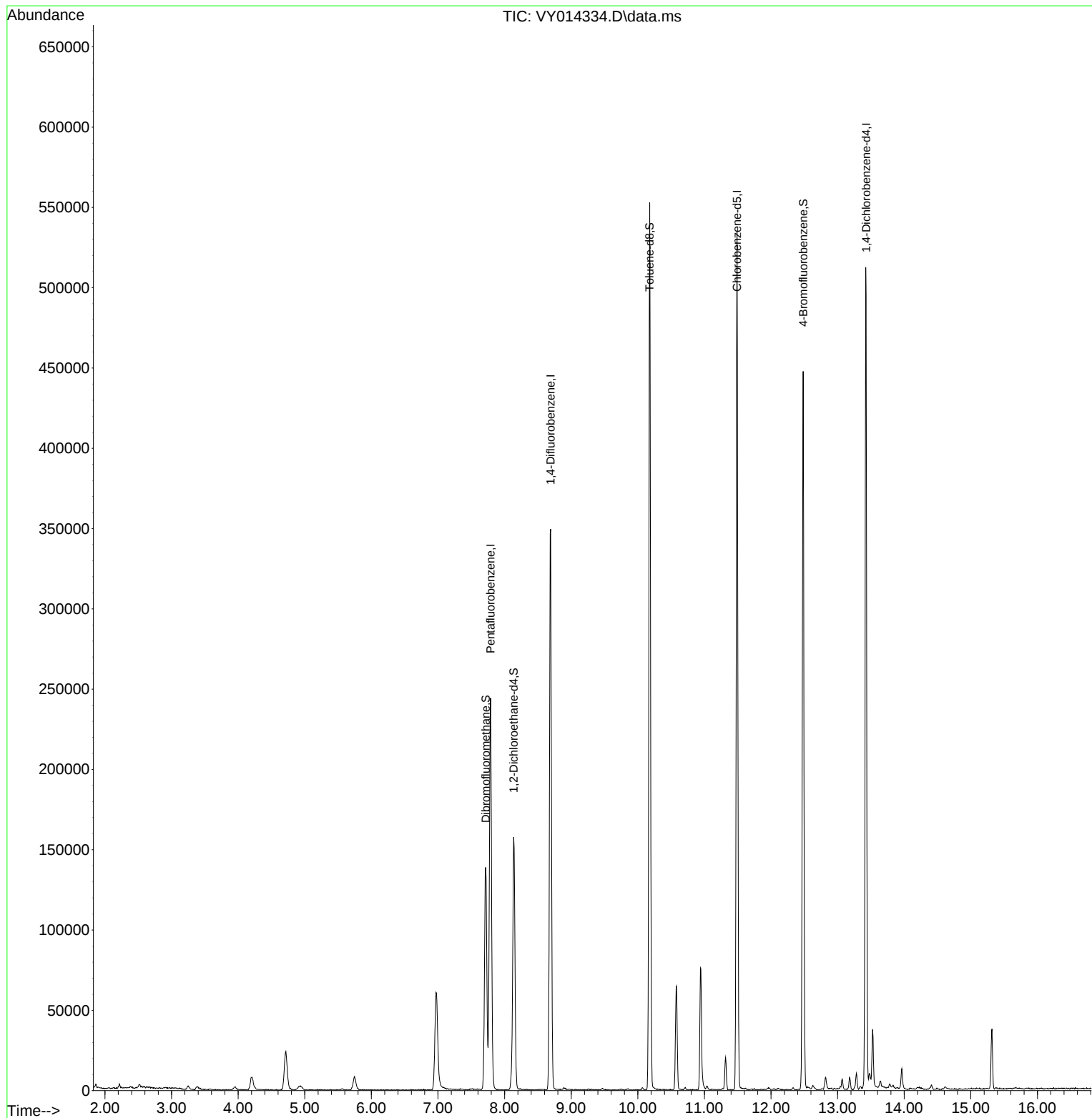
Target Compounds	Qvalue

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

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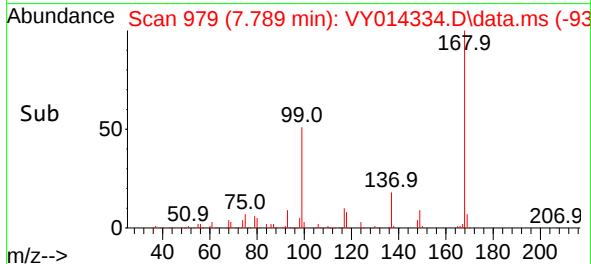
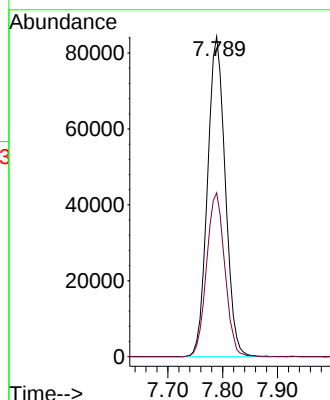
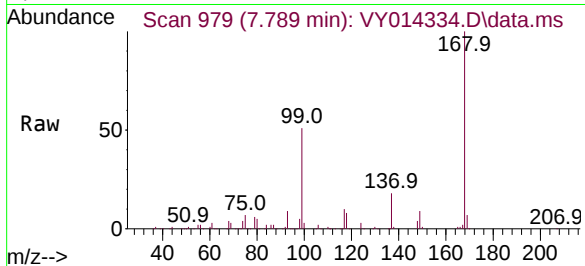




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

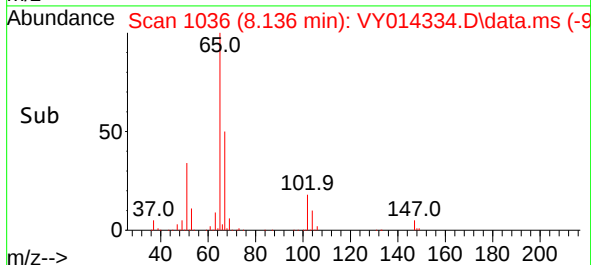
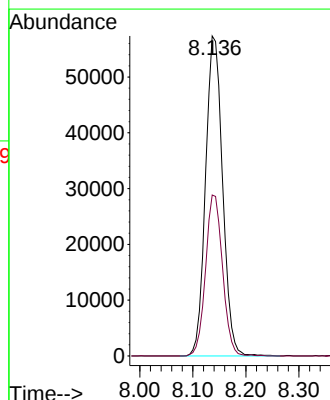
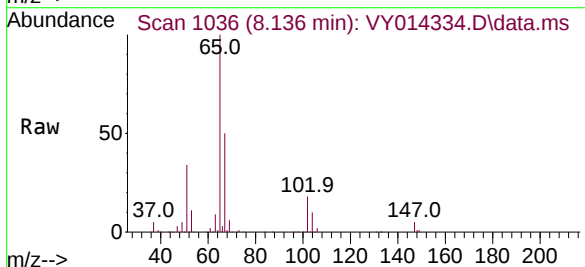
Instrument :
MSVOA_Y
ClientSampleId :
WC-17

Tgt Ion:168 Resp: 189120
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.634 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion: 65 Resp: 128080
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

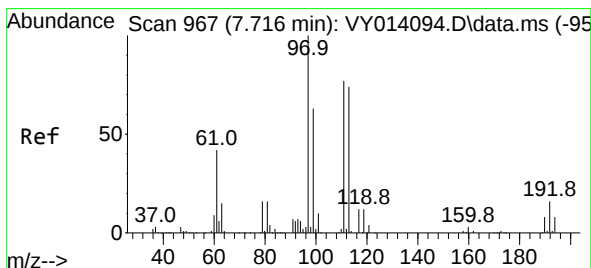
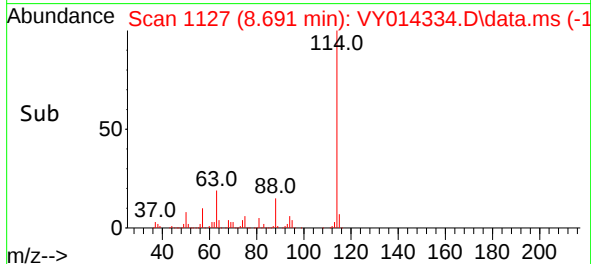
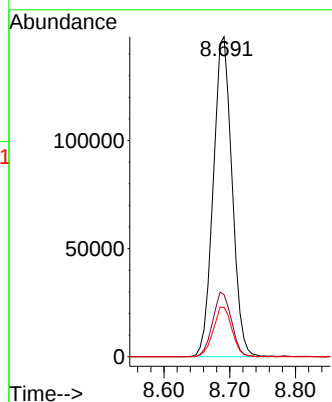
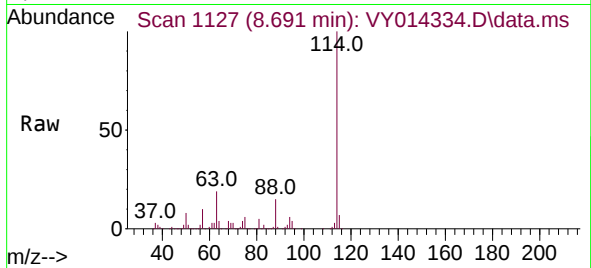




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

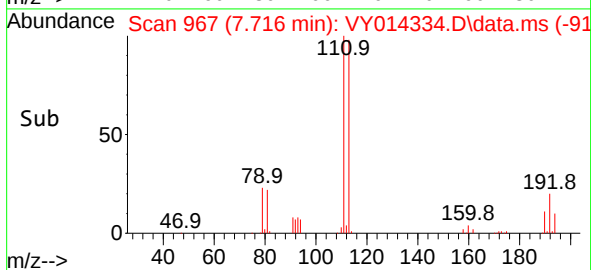
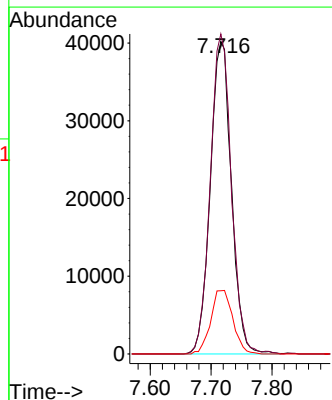
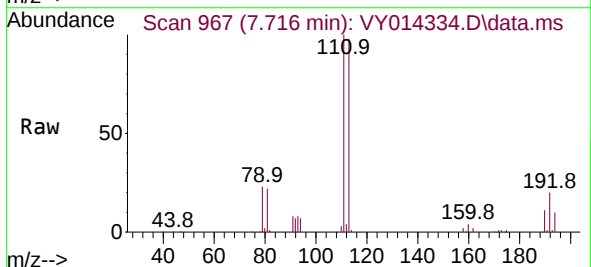
Instrument :
MSVOA_Y
ClientSampleId :
WC-17

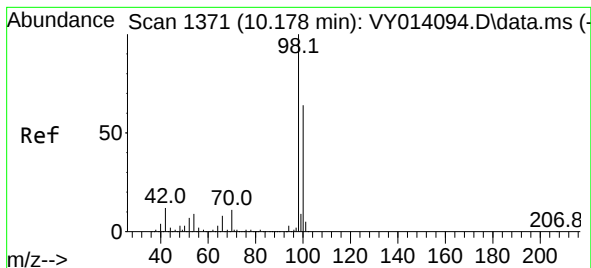
Tgt Ion:	114	Resp:	293854
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	15.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 46.408 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion:	113	Resp:	96711
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	21.3	16.9	25.3





#50

Toluene-d8

Concen: 45.462 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014334.D

Acq: 21 Jun 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

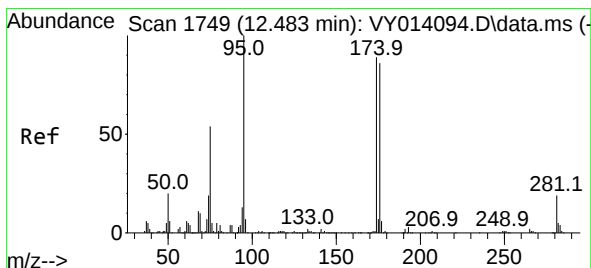
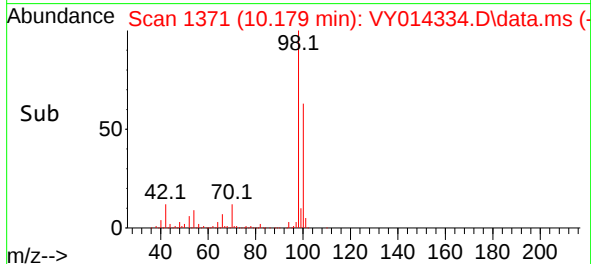
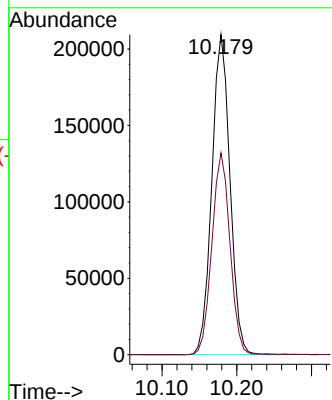
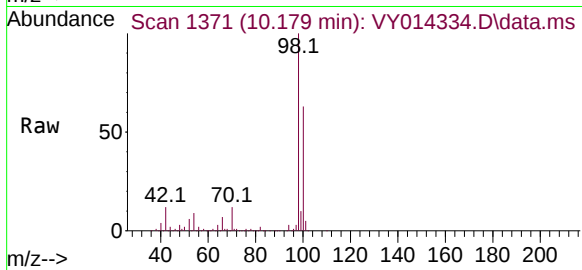
WC-17

Tgt Ion: 98 Resp: 354198

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 42.456 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014334.D

Acq: 21 Jun 2023 14:34

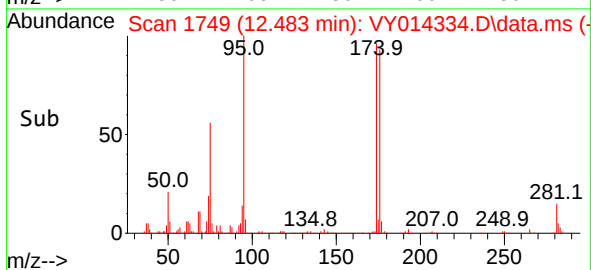
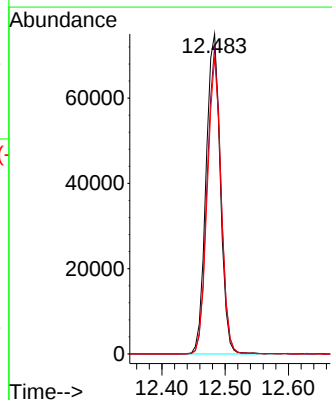
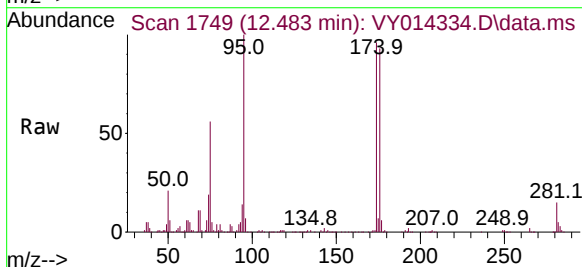
Tgt Ion: 95 Resp: 117502

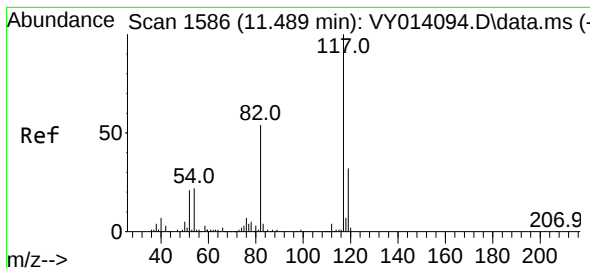
Ion Ratio Lower Upper

95 100

174 93.6 0.0 178.2

176 90.1 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: VY014334.D

Acq: 21 Jun 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

WC-17

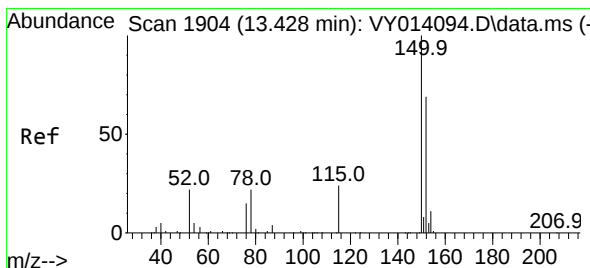
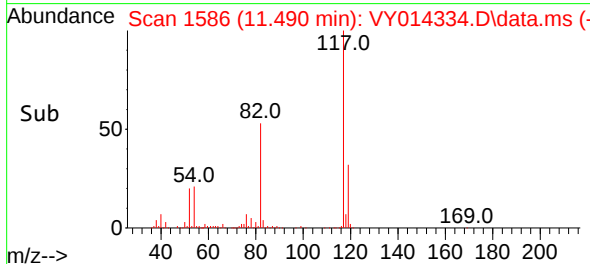
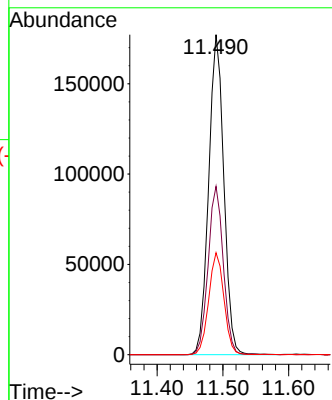
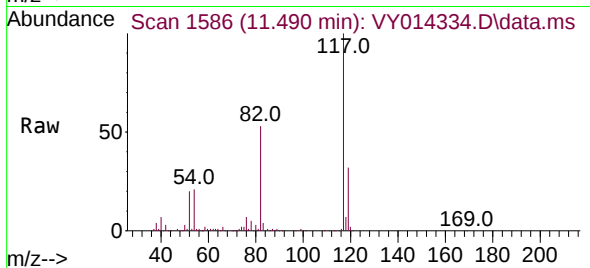
Tgt Ion:117 Resp: 283843

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 31.9 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: VY014334.D

Acq: 21 Jun 2023 14:34

Tgt Ion:152 Resp: 132360

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 156.4 0.0 348.8

