

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013560.D
 Acq On : 02 May 2023 16:34
 Operator : KP/MD
 Sample : 02568-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11938

Quant Time: May 03 01:34:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	4790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6149	117.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 234.200%#	
35) Dibromofluoromethane	7.722	113	3979	71.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.120%	
50) Toluene-d8	10.179	98	10663	53.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.800%	
62) 4-Bromofluorobenzene	12.483	95	3423	51.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.660%	

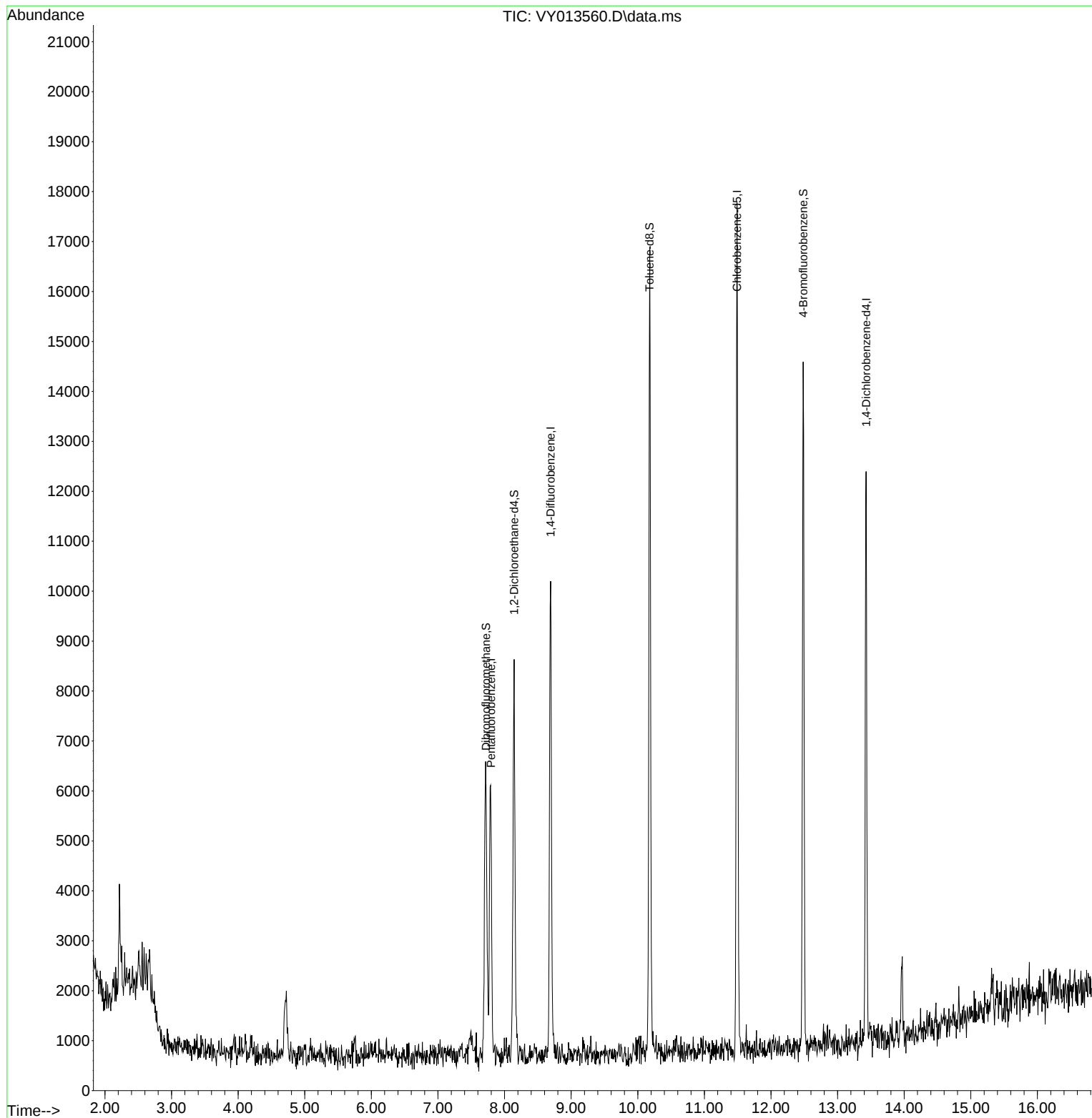
Target Compounds	Qvalue

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

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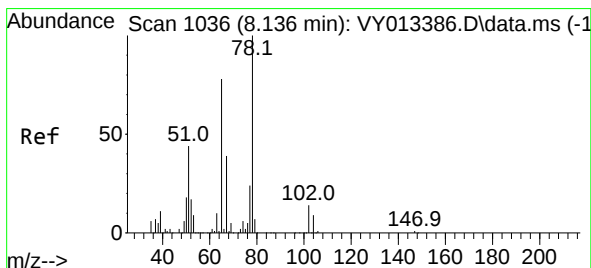
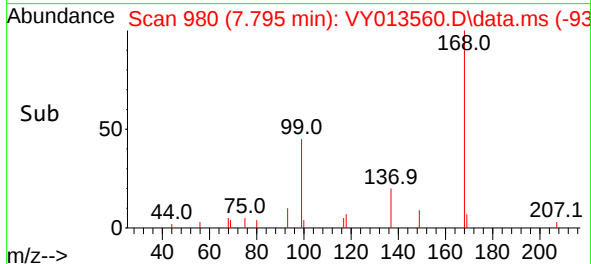
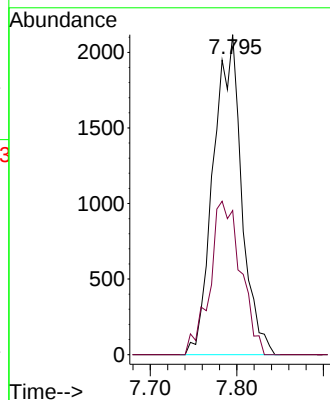
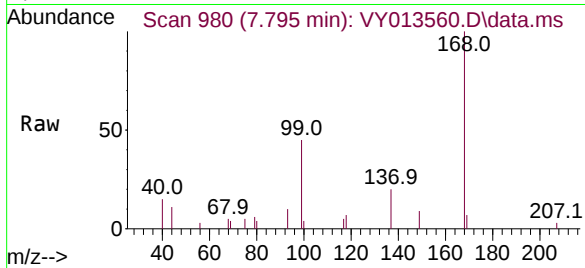




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013560.D
Acq: 02 May 2023 16:34

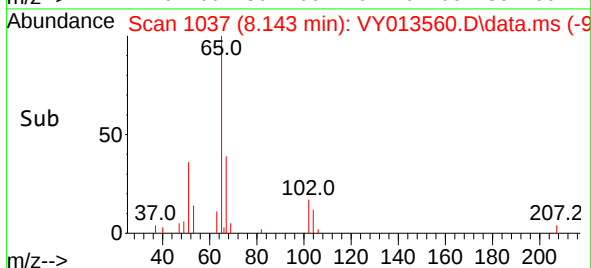
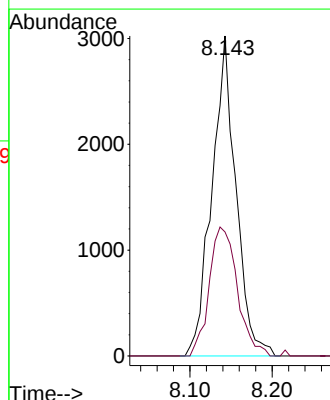
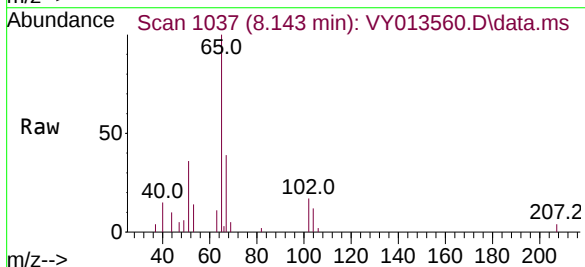
Instrument :
MSVOA_Y
ClientSampleId :
72-11938

Tgt Ion:168 Resp: 4790
Ion Ratio Lower Upper
168 100
99 45.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 117.104 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013560.D
Acq: 02 May 2023 16:34

Tgt Ion: 65 Resp: 6149
Ion Ratio Lower Upper
65 100
67 47.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013560.D

Acq: 02 May 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

72-11938

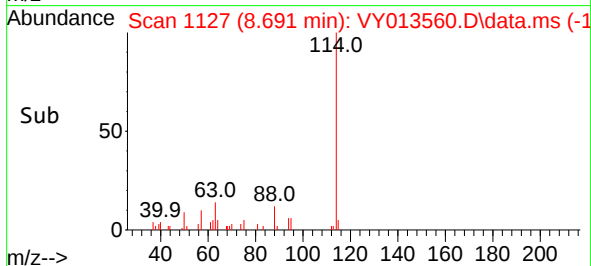
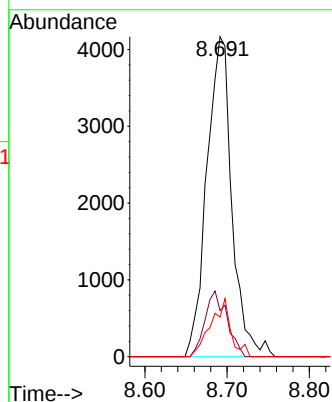
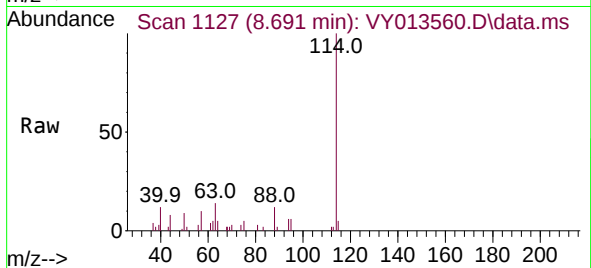
Tgt Ion:114 Resp: 8841

Ion Ratio Lower Upper

114 100

63 14.4 0.0 36.6

88 12.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 71.557 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013560.D

Acq: 02 May 2023 16:34

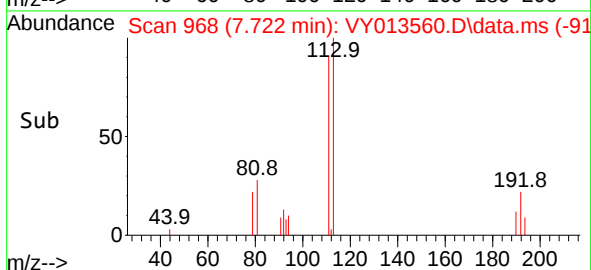
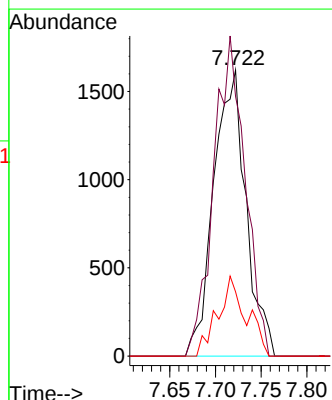
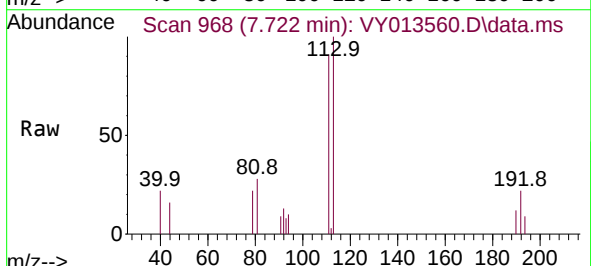
Tgt Ion:113 Resp: 3979

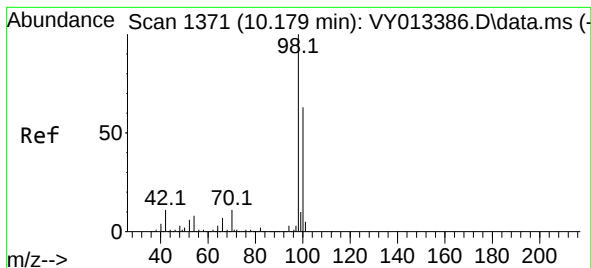
Ion Ratio Lower Upper

113 100

111 108.9 82.2 123.2

192 24.7 16.7 25.1





#50

Toluene-d8

Concen: 53.904 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013560.D

Acq: 02 May 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

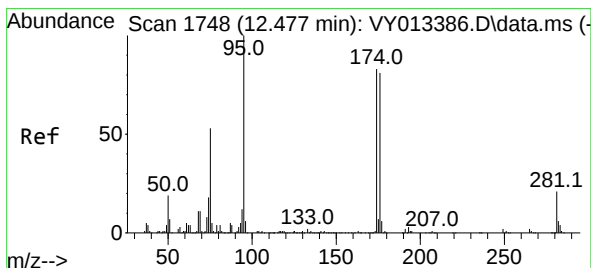
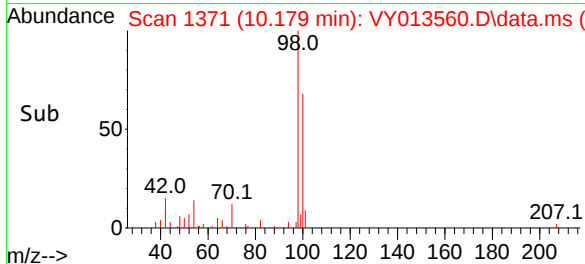
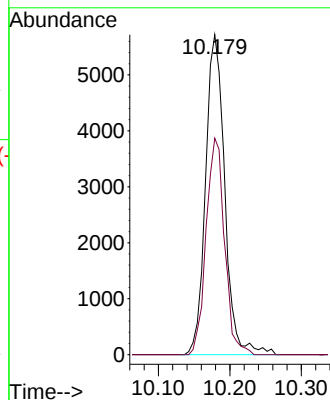
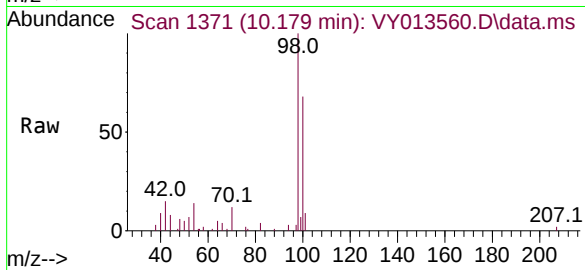
72-11938

Tgt Ion: 98 Resp: 10663

Ion Ratio Lower Upper

98 100

100 65.0 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 51.329 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013560.D

Acq: 02 May 2023 16:34

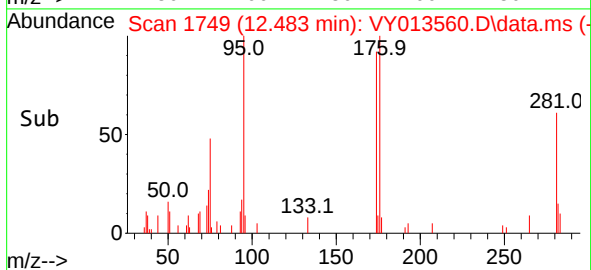
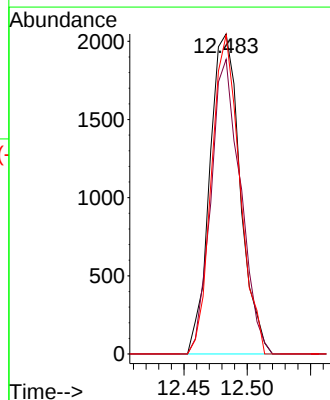
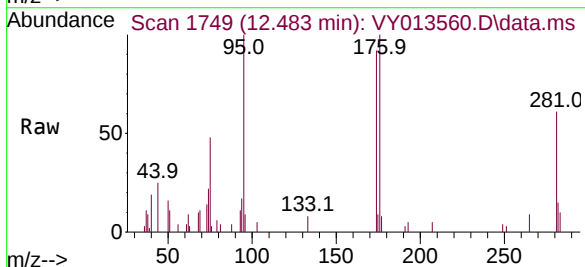
Tgt Ion: 95 Resp: 3423

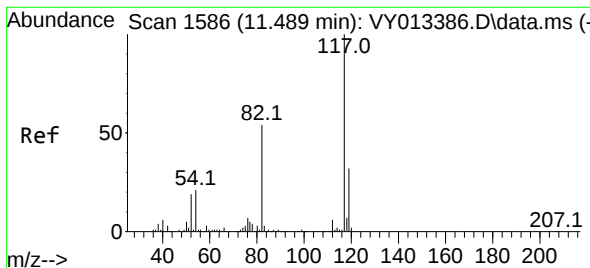
Ion Ratio Lower Upper

95 100

174 89.6 0.0 182.0

176 92.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013560.D

Acq: 02 May 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

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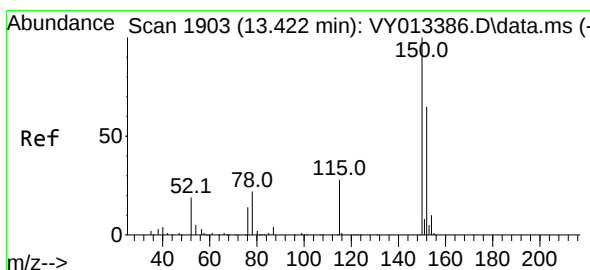
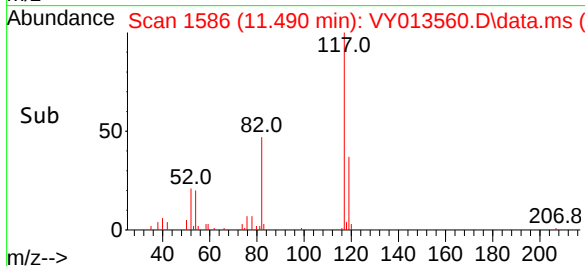
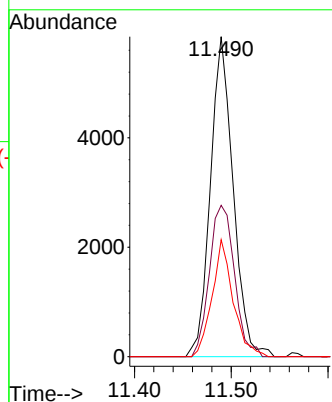
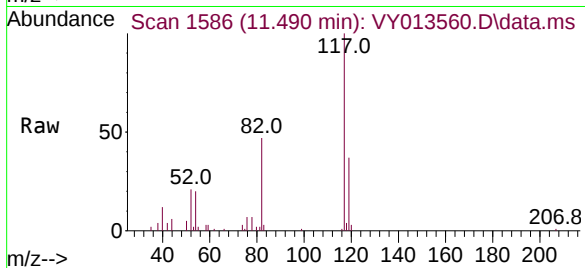
Tgt Ion:117 Resp: 9575

Ion Ratio Lower Upper

117 100

82 47.3 43.0 64.6

119 36.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013560.D

Acq: 02 May 2023 16:34

Tgt Ion:152 Resp: 3241

Ion Ratio Lower Upper

152 100

115 59.4 28.1 84.2

150 154.1 0.0 352.0

