

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019570.D
 Acq On : 16 Sep 2024 16:39
 Operator : SY/MD
 Sample : P4002-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Sep 17 02:15:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	307105	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	567058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	484083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	179546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171981	60.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.960%
35) Dibromofluoromethane	7.634	113	177593	55.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.103	98	668201	56.189	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.380%
62) 4-Bromofluorobenzene	12.402	95	210987	46.142	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.280%

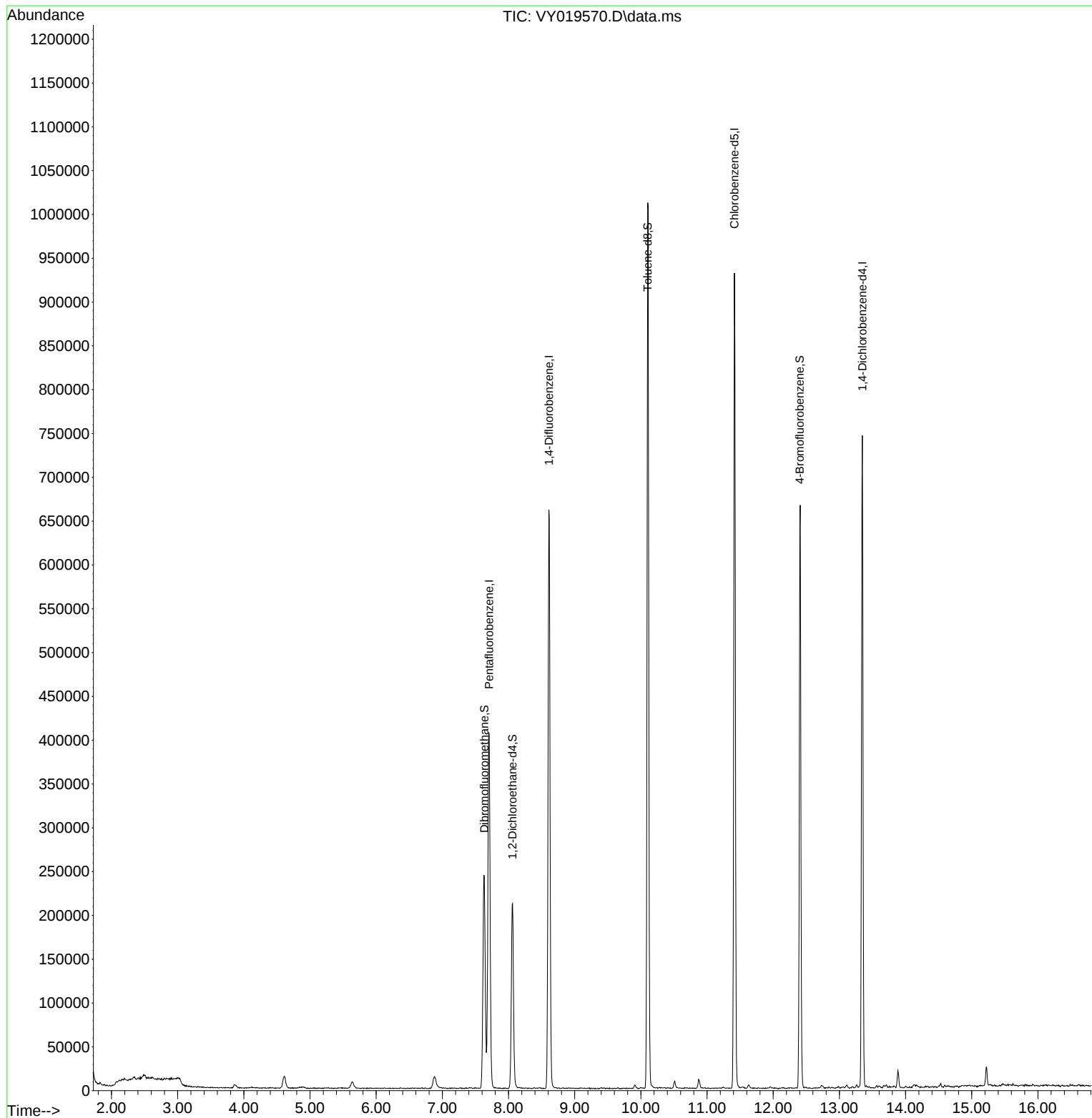
Target Compounds	Qvalue

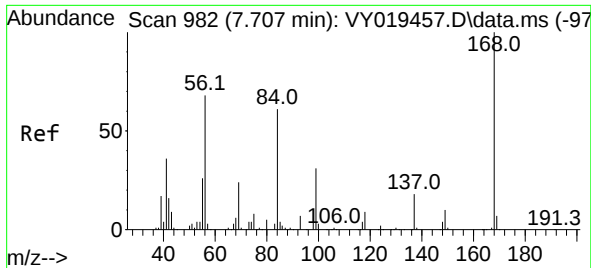
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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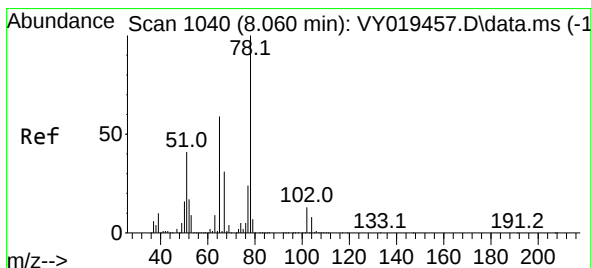
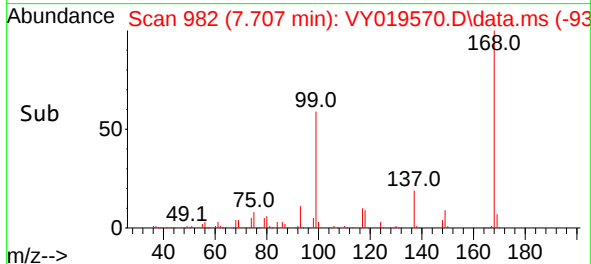
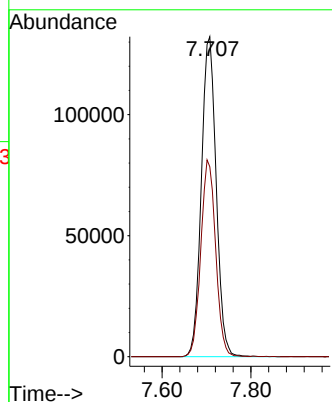
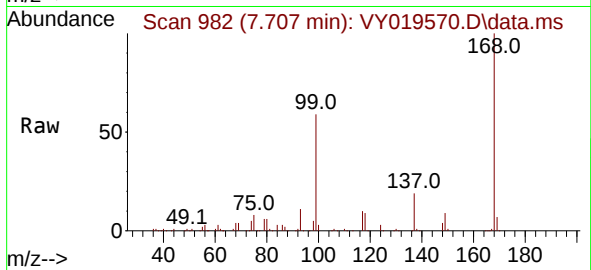




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

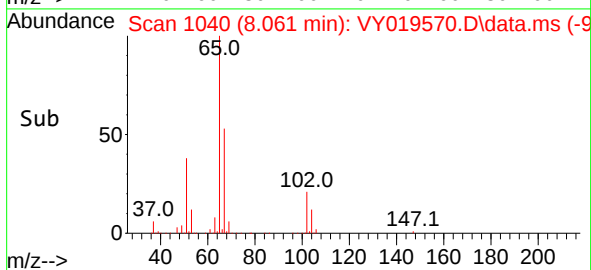
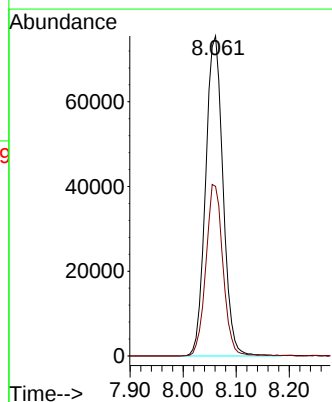
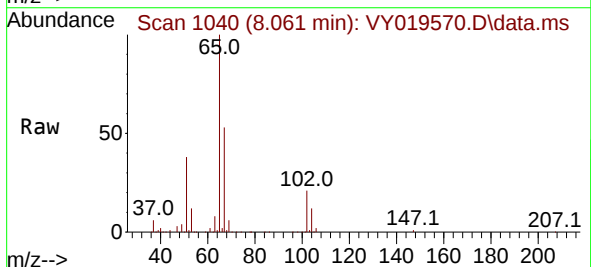
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 307105
Ion Ratio Lower Upper
168 100
99 59.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 60.477 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 65 Resp: 171981
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

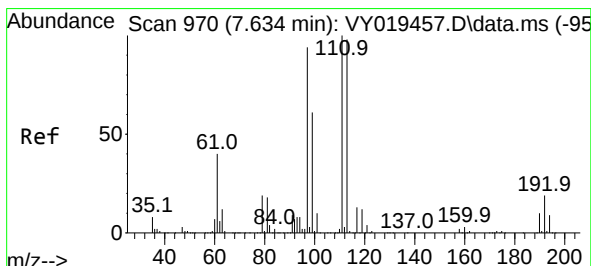
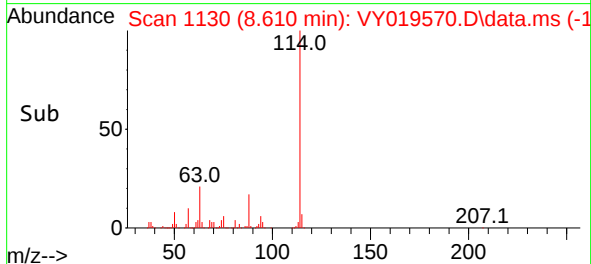
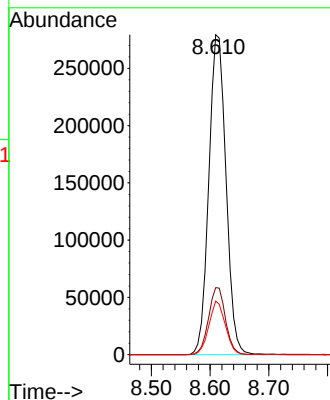
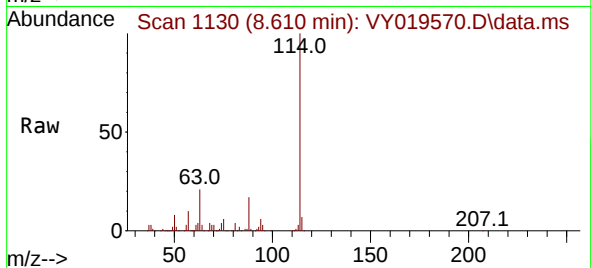




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

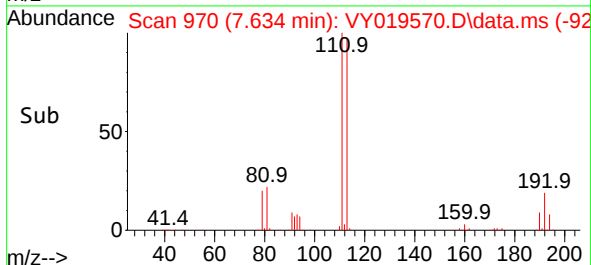
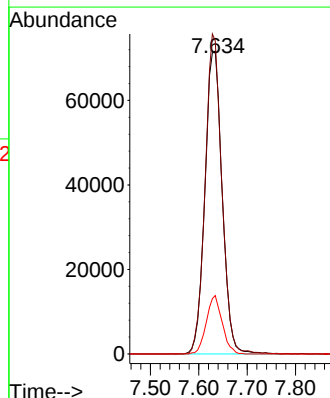
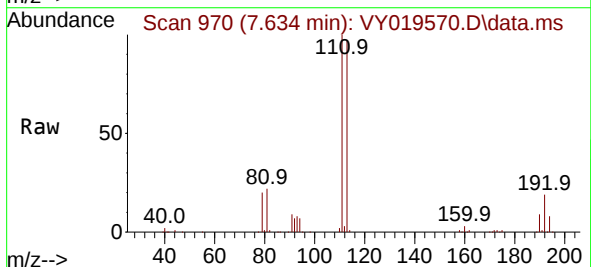
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:114 Resp: 567058
Ion Ratio Lower Upper
114 100
63 21.0 0.0 35.0
88 16.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.237 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Tgt Ion:113 Resp: 177593
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.7 15.9 23.9

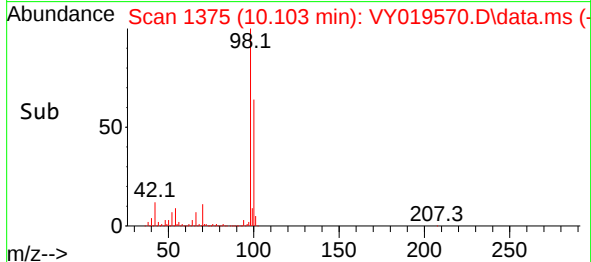
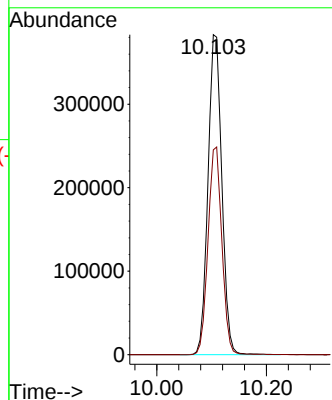
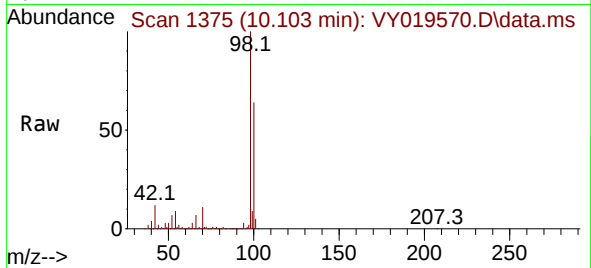




#50
Toluene-d8
Concen: 56.189 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

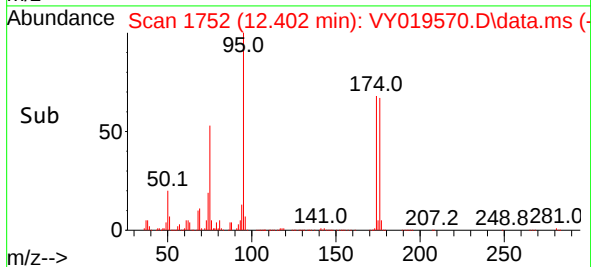
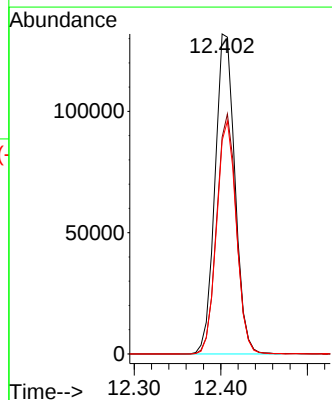
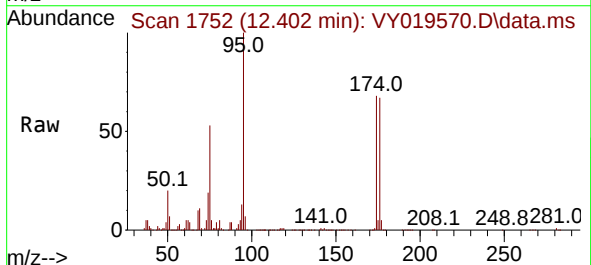
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

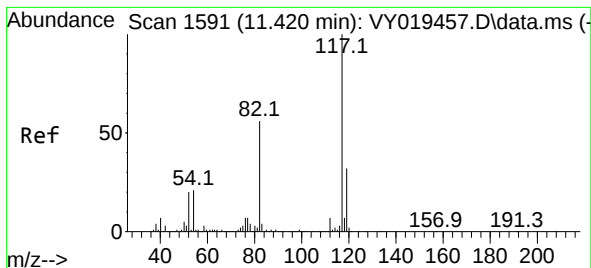
Tgt Ion: 98 Resp: 668201
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.142 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 95 Resp: 210987
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 71.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019570.D

Acq: 16 Sep 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

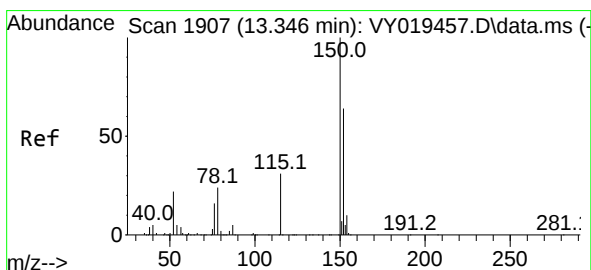
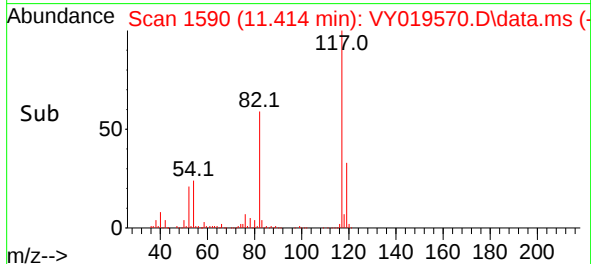
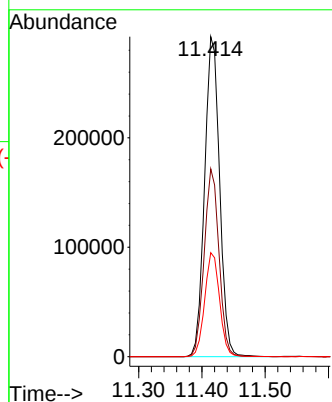
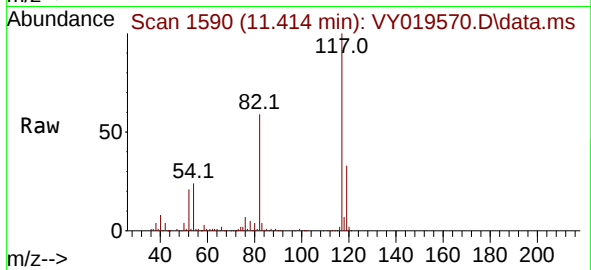
Tgt Ion:117 Resp: 484083

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019570.D

Acq: 16 Sep 2024 16:39

Tgt Ion:152 Resp: 179546

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 157.3 0.0 345.6

