

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020053.D
 Acq On : 29 Oct 2024 12:05
 Operator : SY/MD
 Sample : P4566-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-102524

Quant Time: Oct 30 01:22:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	182042	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	386756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	349622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	141142	62.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.940%	
35) Dibromofluoromethane	7.640	113	130877	51.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.109	98	479693	50.897	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.407	95	143201	42.050	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 84.100%	

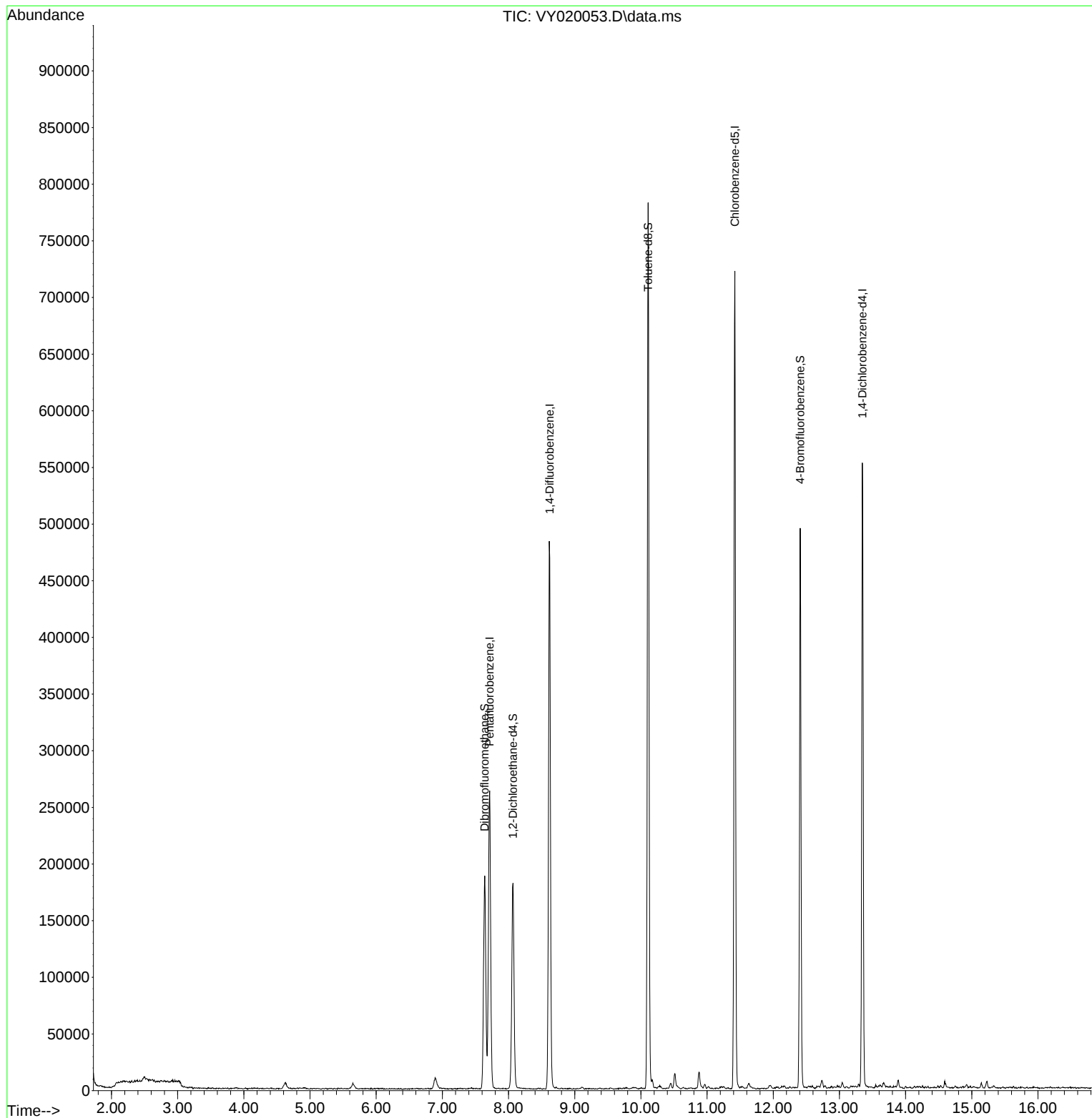
Target Compounds	Qvalue

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

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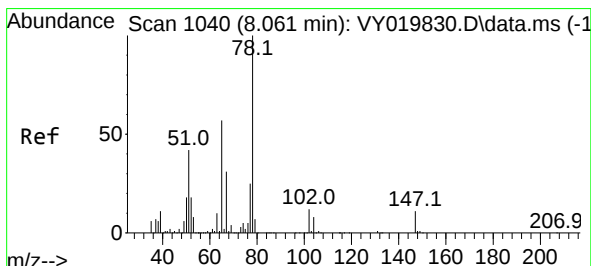
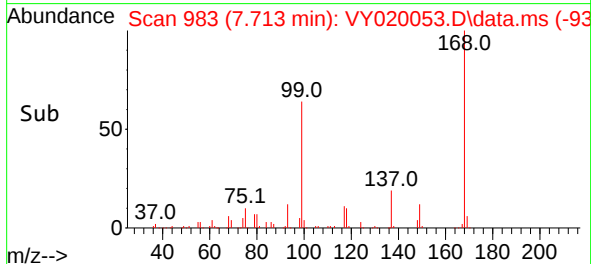
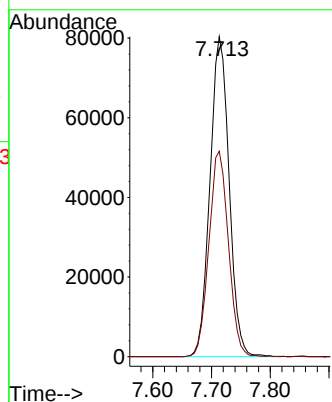
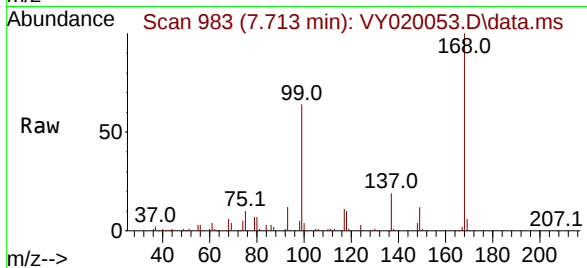




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020053.D
Acq: 29 Oct 2024 12:05

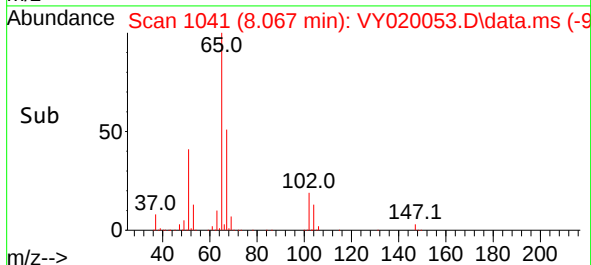
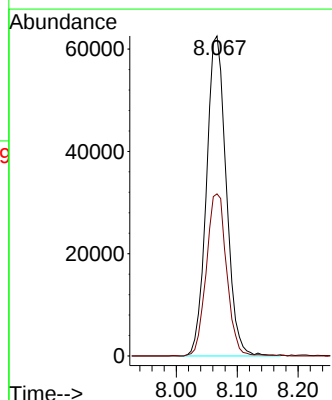
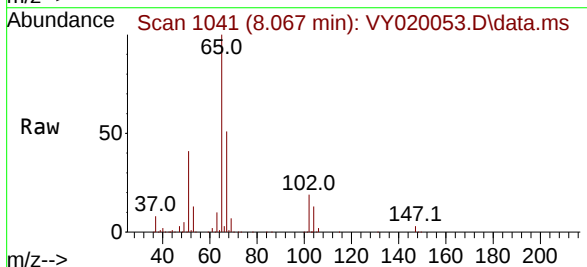
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102524

Tgt Ion:168 Resp: 182042
Ion Ratio Lower Upper
168 100
99 64.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.968 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020053.D
Acq: 29 Oct 2024 12:05

Tgt Ion: 65 Resp: 141142
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

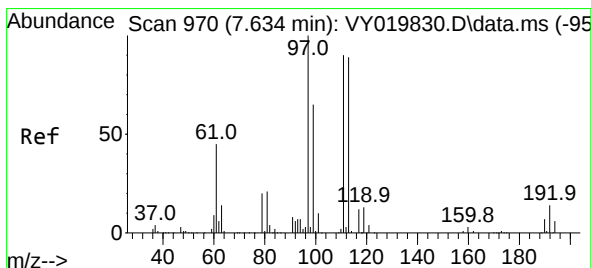
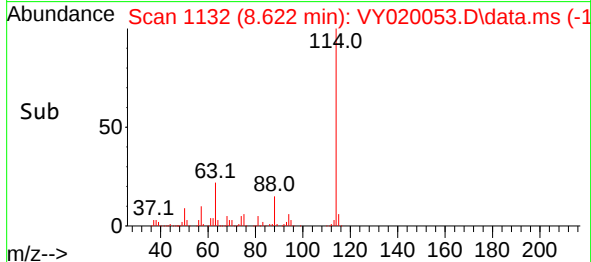
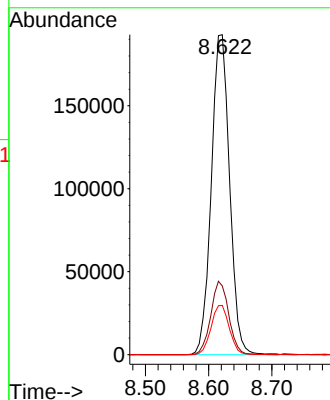
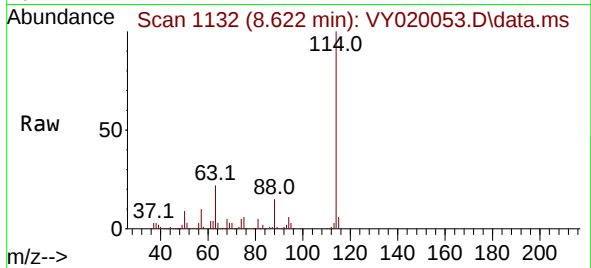




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY020053.D
Acq: 29 Oct 2024 12:05

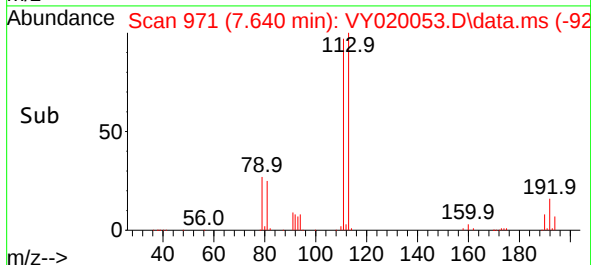
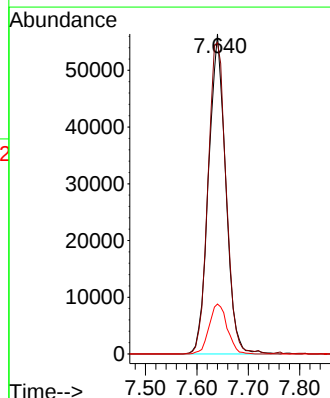
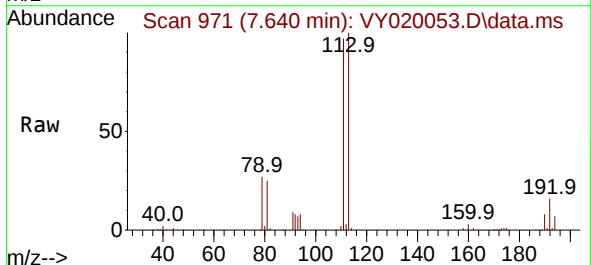
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102524

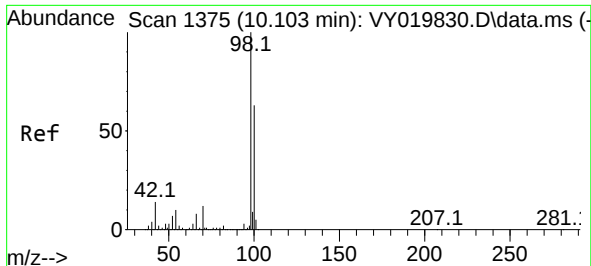
Tgt Ion:114 Resp: 386756
Ion Ratio Lower Upper
114 100
63 21.5 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.281 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020053.D
Acq: 29 Oct 2024 12:05

Tgt Ion:113 Resp: 130877
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.4 15.9 23.9

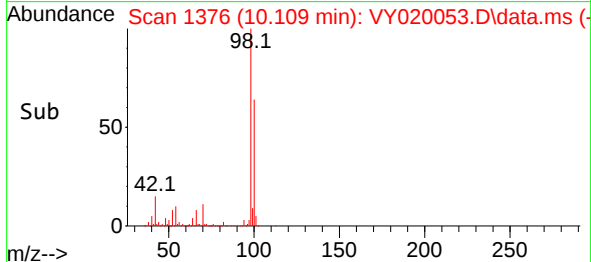
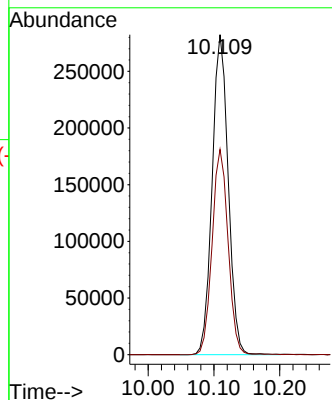
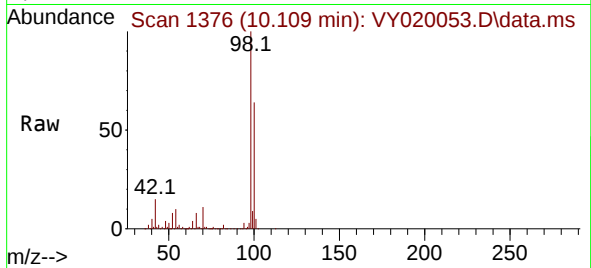




#50
Toluene-d8
Concen: 50.897 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020053.D
Acq: 29 Oct 2024 12:05

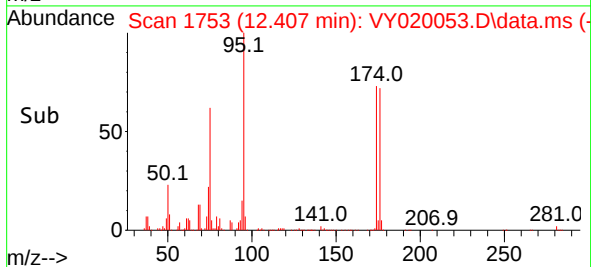
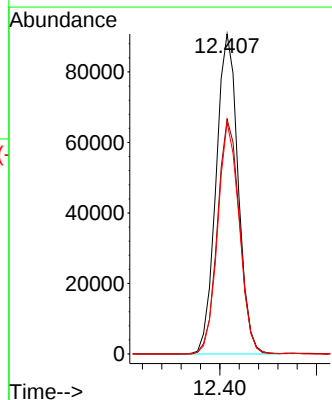
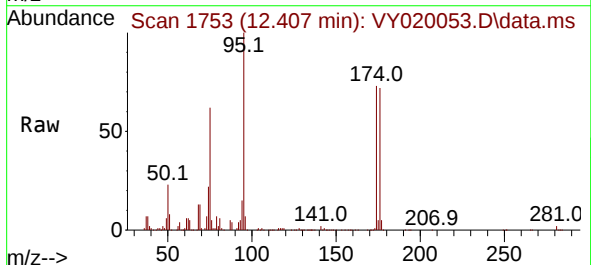
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102524

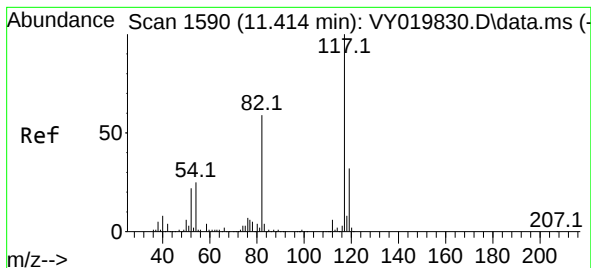
Tgt Ion: 98 Resp: 479693
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.050 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020053.D
Acq: 29 Oct 2024 12:05

Tgt Ion: 95 Resp: 143201
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 70.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020053.D

Acq: 29 Oct 2024 12:05

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-102524

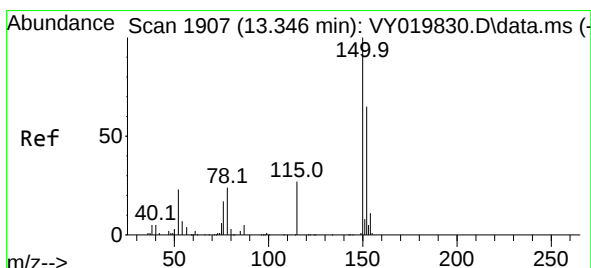
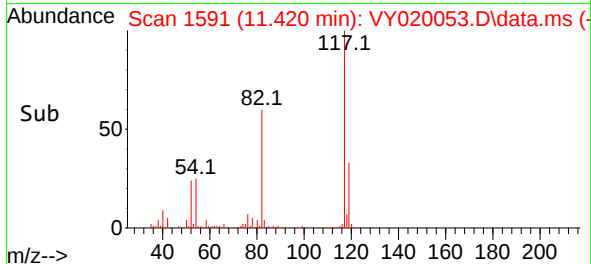
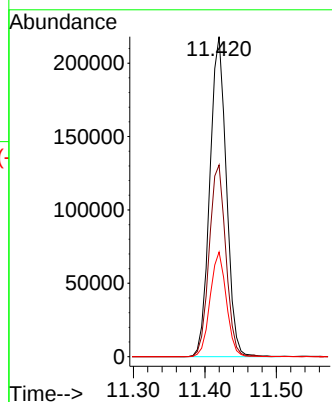
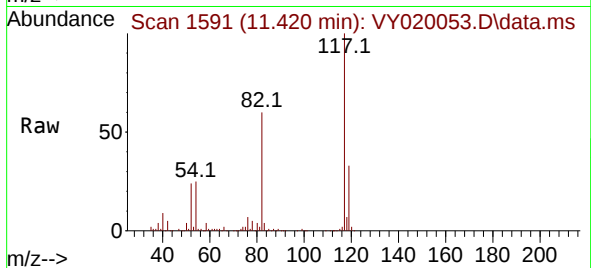
Tgt Ion:117 Resp: 349622

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 32.7 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: VY020053.D

Acq: 29 Oct 2024 12:05

Tgt Ion:152 Resp: 121448

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 156.3 0.0 345.6

