

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020036.D
 Acq On : 28 Oct 2024 13:06
 Operator : SY/MD
 Sample : P4578-05
 Misc : 7.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-305-BOT

Quant Time: Oct 29 01:57:20 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	7.707	168	16371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	25242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	13869	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	6205	30.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	61.560%
35) Dibromofluoromethane	7.628	113	7646	45.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.800%
50) Toluene-d8	10.109	98	26587	43.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.440%
62) 4-Bromofluorobenzene	12.408	95	3669	16.508	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	33.020%

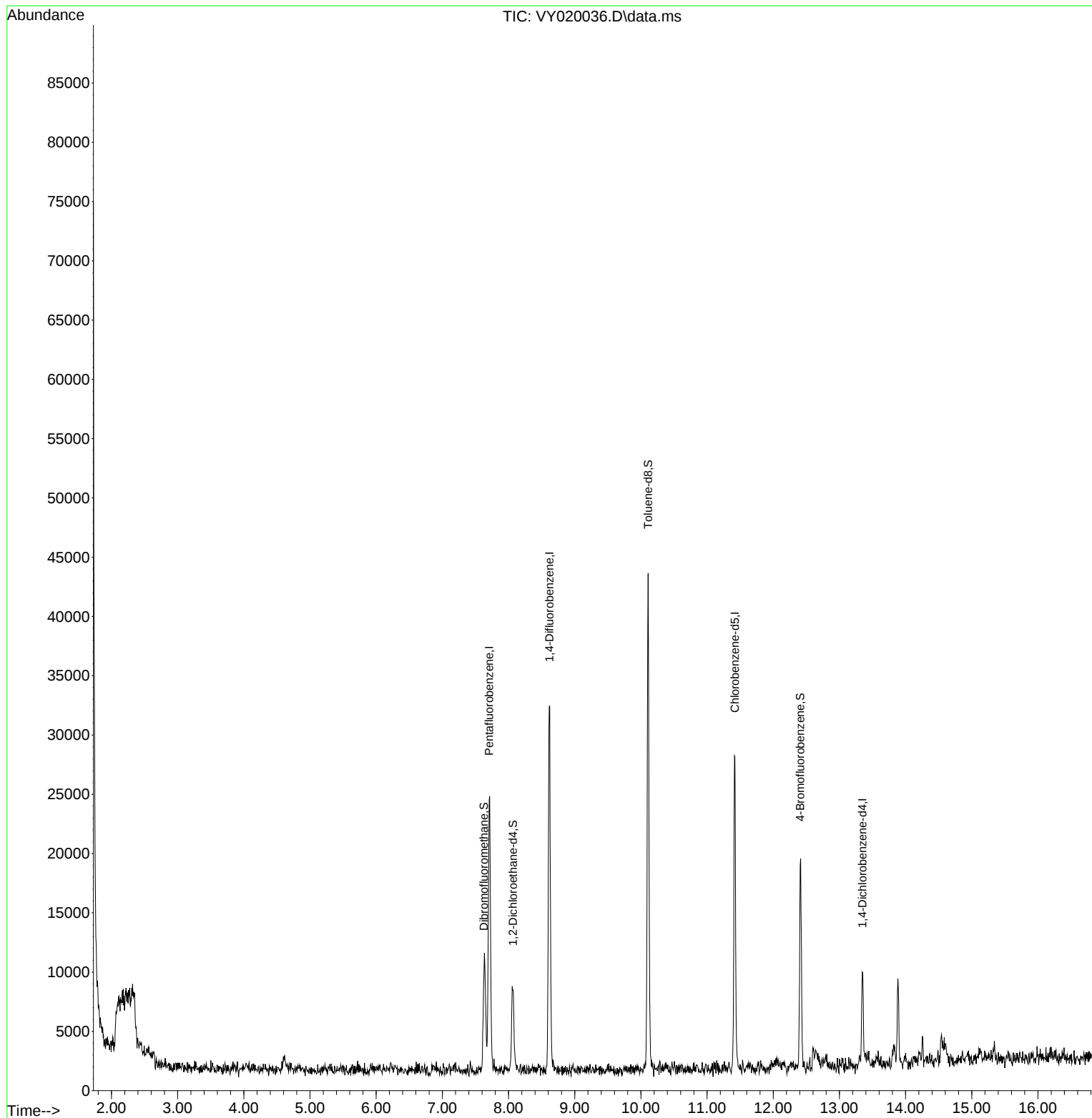
Target Compounds	Qvalue

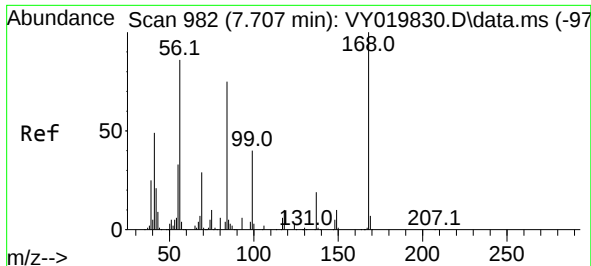
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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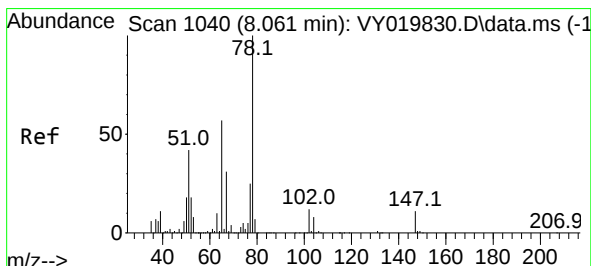
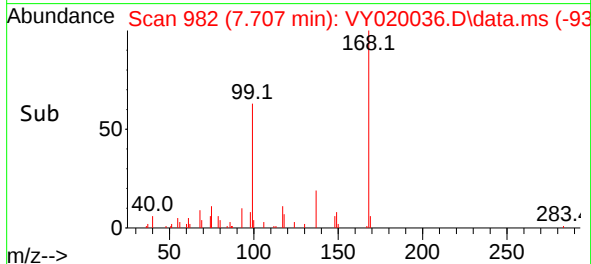
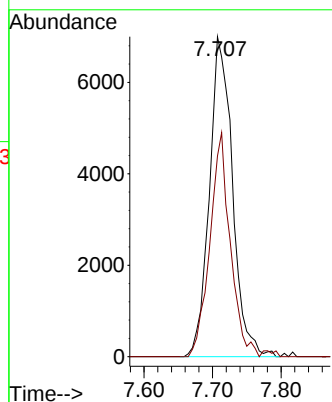
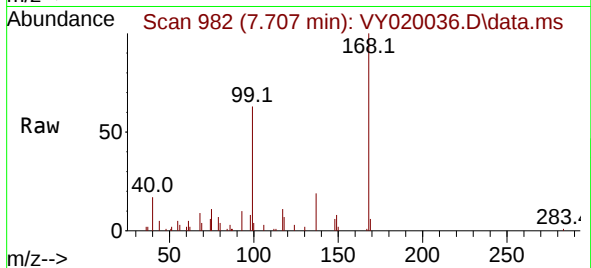




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020036.D
Acq: 28 Oct 2024 13:06

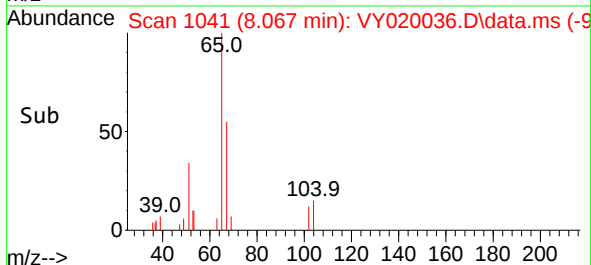
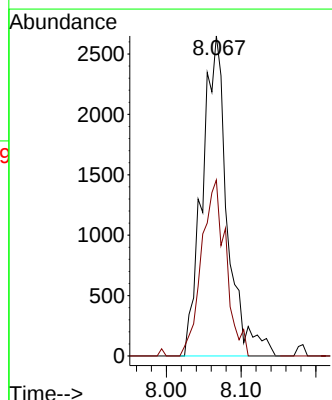
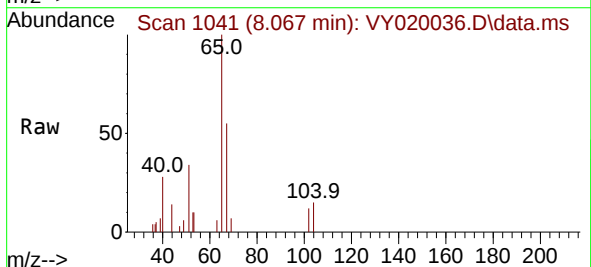
Instrument :
MSVOA_Y
ClientSampleId :
WB-305-BOT

Tgt Ion:168 Resp: 16371
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 30.783 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020036.D
Acq: 28 Oct 2024 13:06

Tgt Ion: 65 Resp: 6205
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

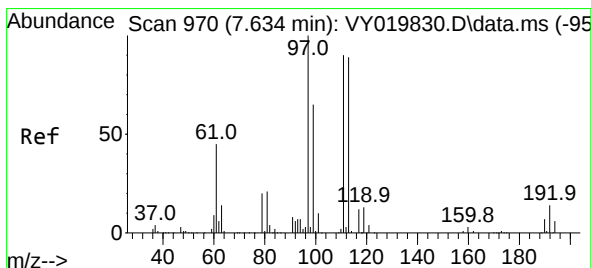
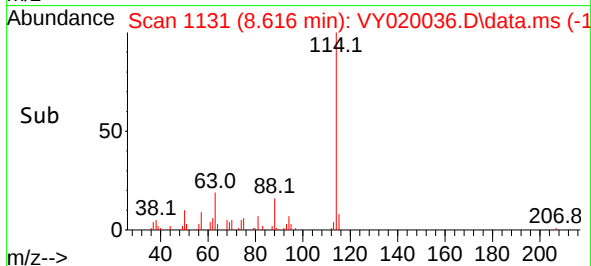
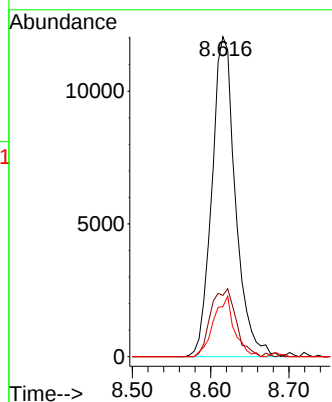
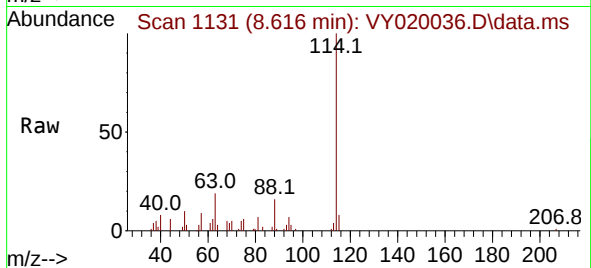




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020036.D
Acq: 28 Oct 2024 13:06

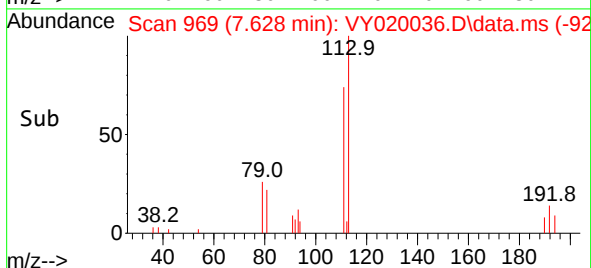
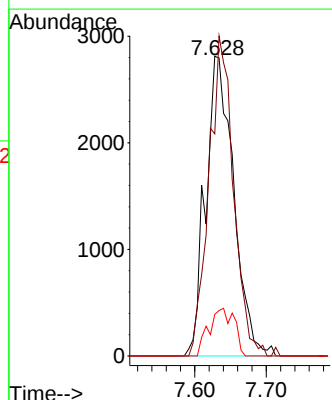
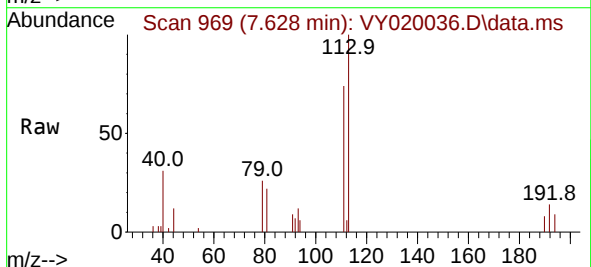
Instrument :
MSVOA_Y
ClientSampleId :
WB-305-BOT

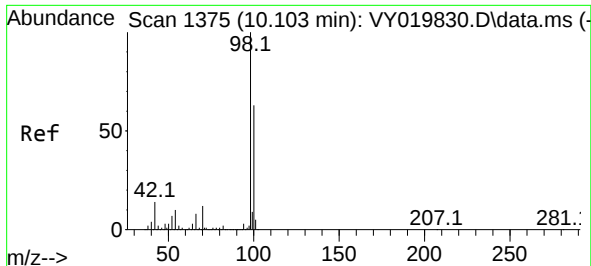
Tgt Ion:114 Resp: 25242
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 45.903 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020036.D
Acq: 28 Oct 2024 13:06

Tgt Ion:113 Resp: 7646
Ion Ratio Lower Upper
113 100
111 93.8 82.2 123.4
192 14.4 15.9 23.9#

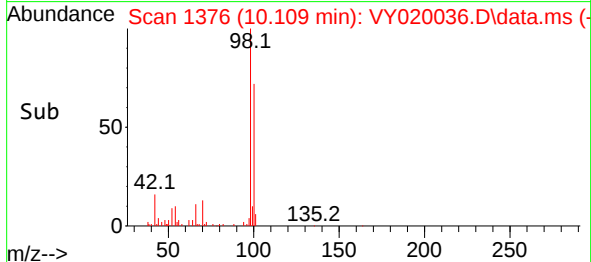
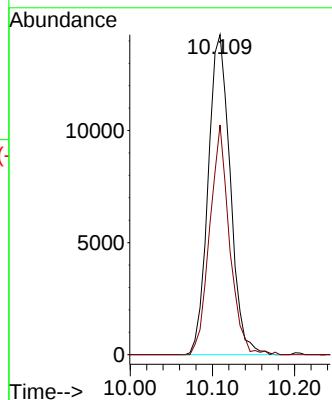
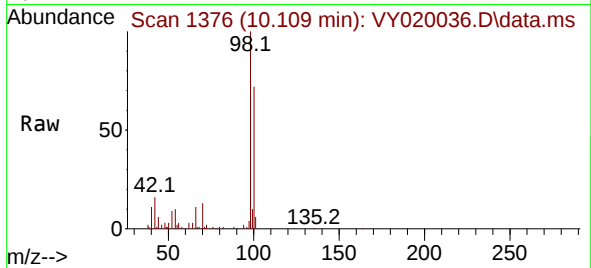




#50
Toluene-d8
Concen: 43.223 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020036.D
Acq: 28 Oct 2024 13:06

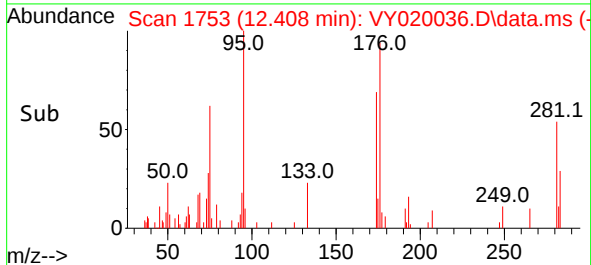
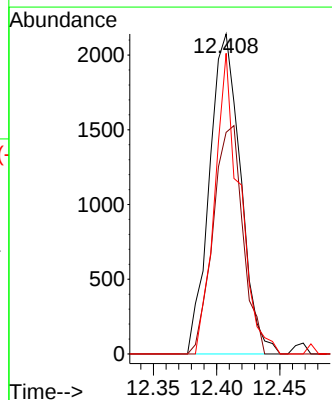
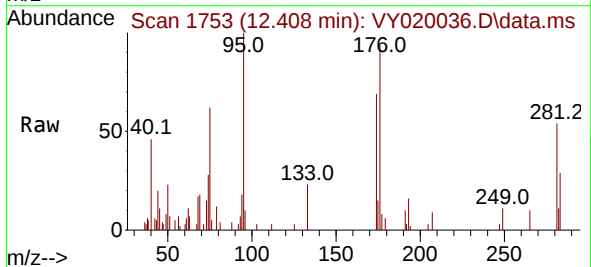
Instrument :
MSVOA_Y
ClientSampleId :
WB-305-BOT

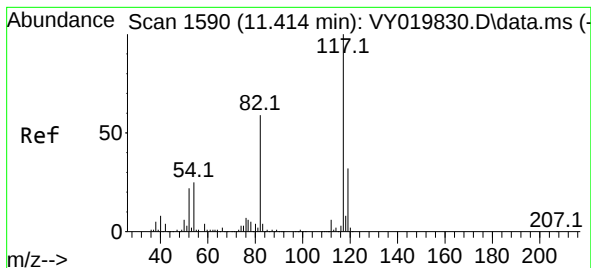
Tgt Ion: 98 Resp: 26587
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 16.508 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020036.D
Acq: 28 Oct 2024 13:06

Tgt Ion: 95 Resp: 3669
Ion Ratio Lower Upper
95 100
174 68.2 0.0 175.6
176 75.7 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: VY020036.D

Acq: 28 Oct 2024 13:06

Instrument :

MSVOA_Y

ClientSampleId :

WB-305-BOT

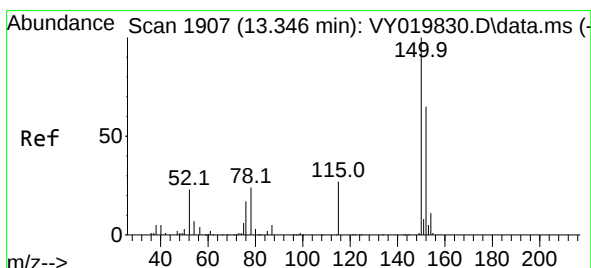
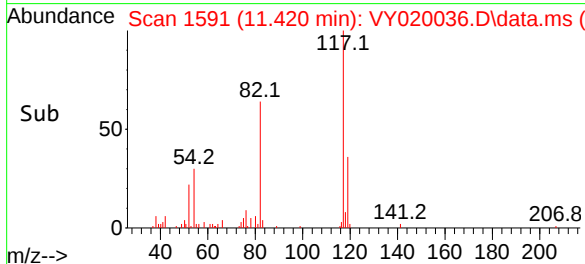
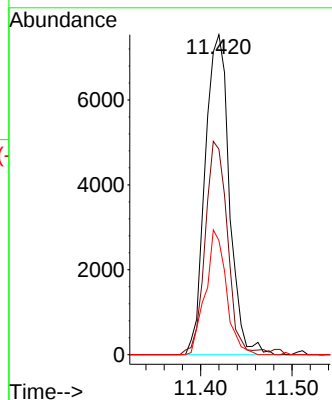
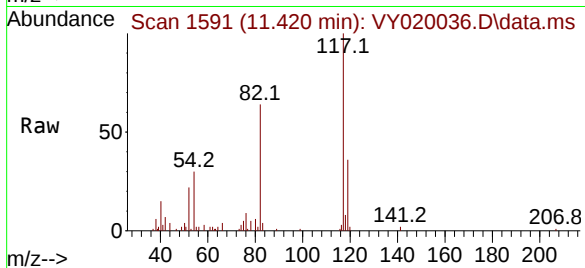
Tgt Ion:117 Resp: 13869

Ion Ratio Lower Upper

117 100

82 64.2 42.4 63.6#

119 35.7 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: VY020036.D

Acq: 28 Oct 2024 13:06

Tgt Ion:152 Resp: 1844

Ion Ratio Lower Upper

152 100

115 78.5 28.2 84.7

150 165.8 0.0 345.6

