

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019877.D
 Acq On : 11 Oct 2024 17:21
 Operator : SY/MD
 Sample : P4385-15
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-8

Quant Time: Oct 14 01:50:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	248032	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	496793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	438194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165681	54.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.500%
35) Dibromofluoromethane	7.634	113	162919	49.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.400%
50) Toluene-d8	10.103	98	596917	49.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.401	95	183010	41.837	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.680%

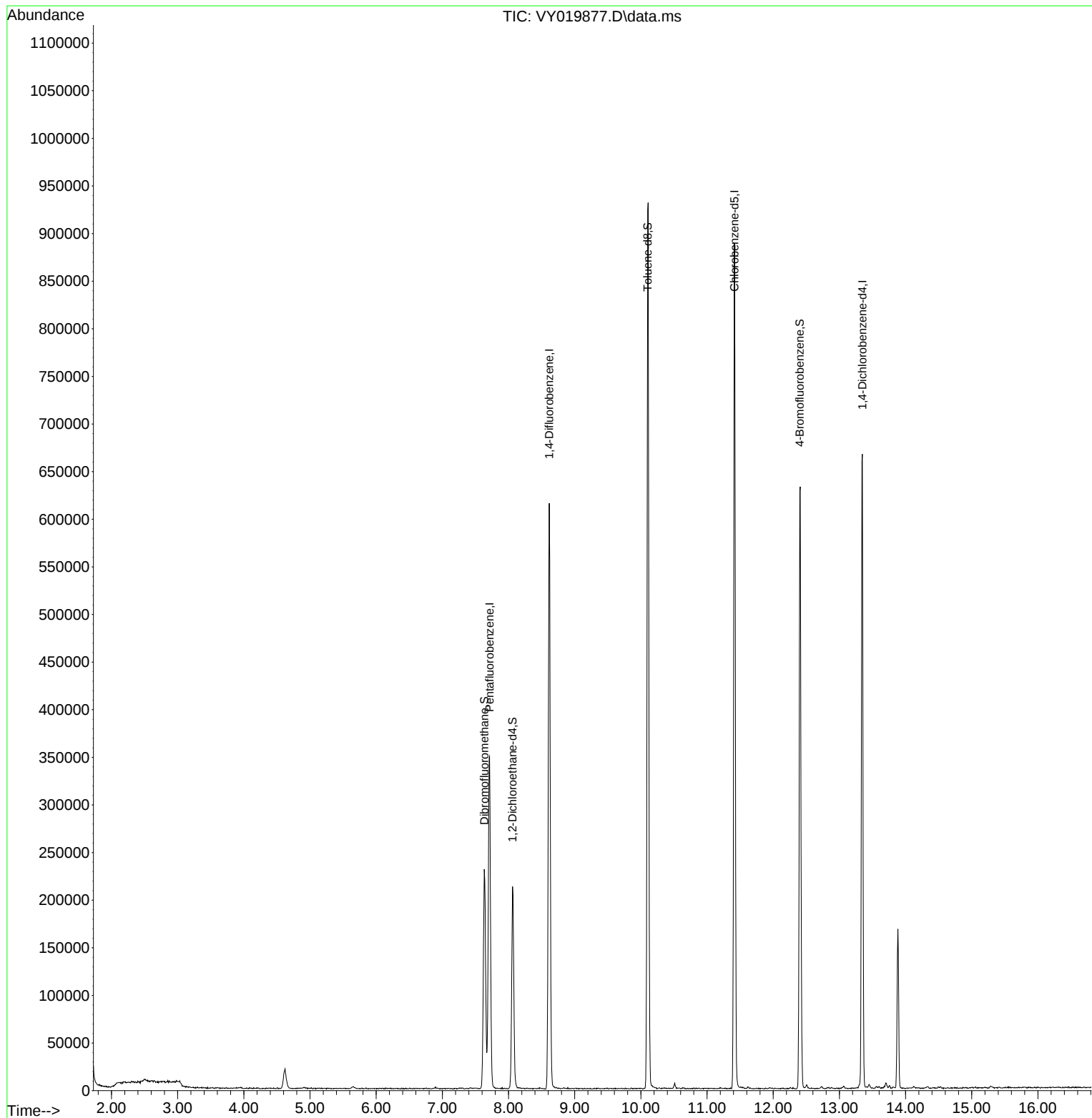
Target Compounds	Qvalue

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

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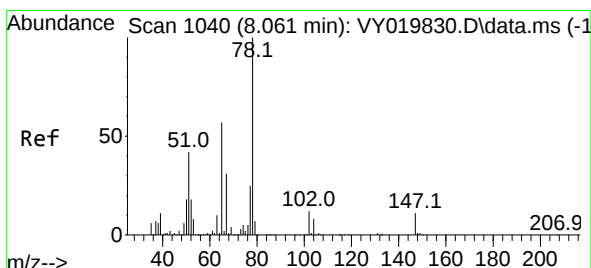
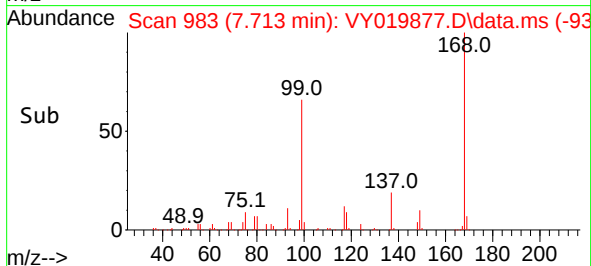
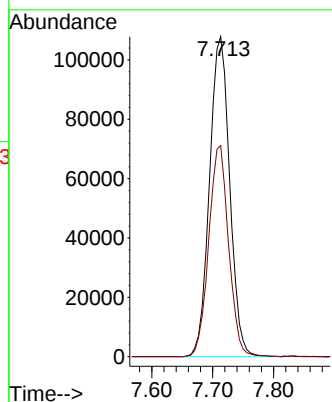
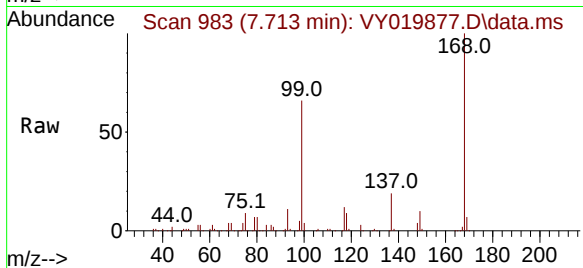




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

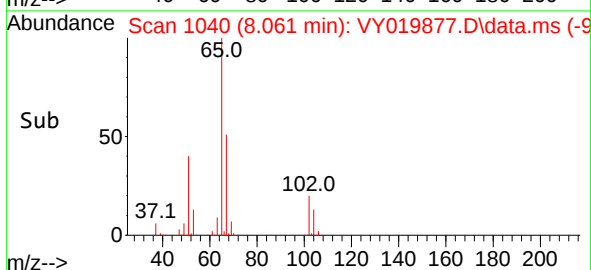
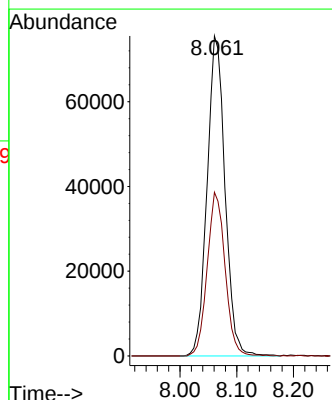
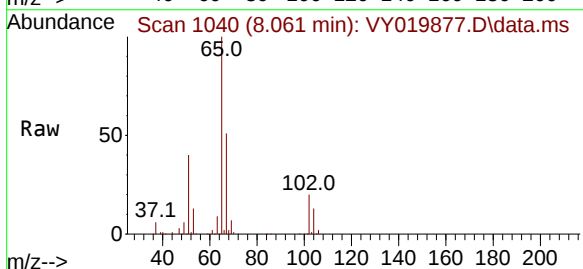
Instrument :
MSVOA_Y
ClientSampleId :
SP-8

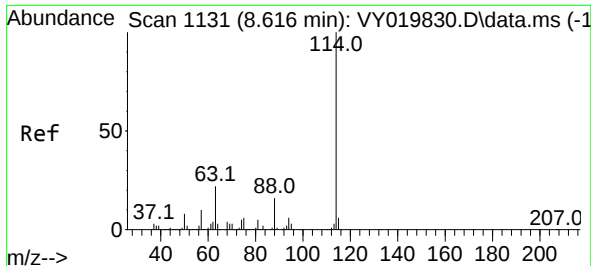
Tgt Ion:168 Resp: 248032
Ion Ratio Lower Upper
168 100
99 65.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.250 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

Tgt Ion: 65 Resp: 165681
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

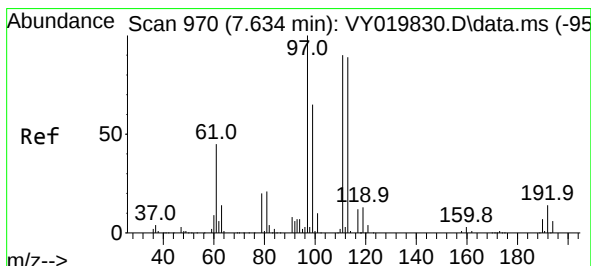
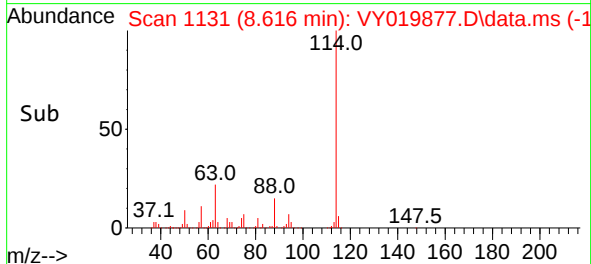
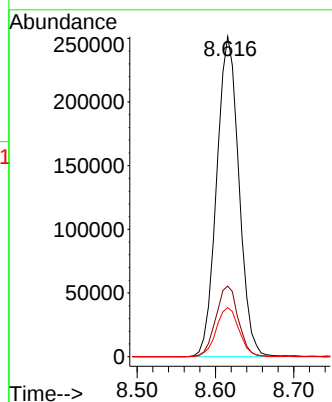
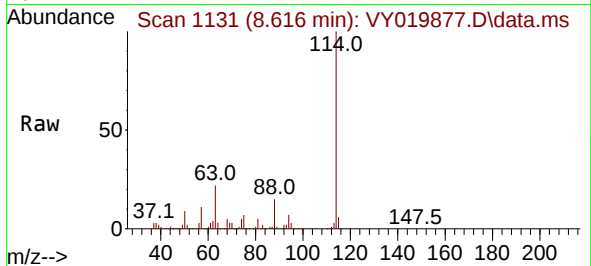




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

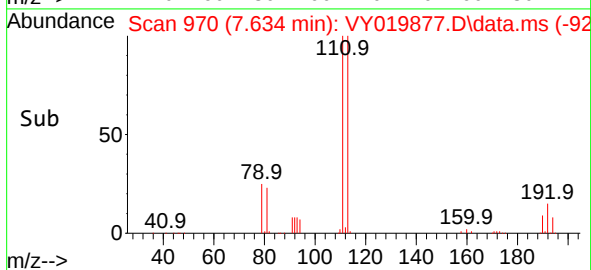
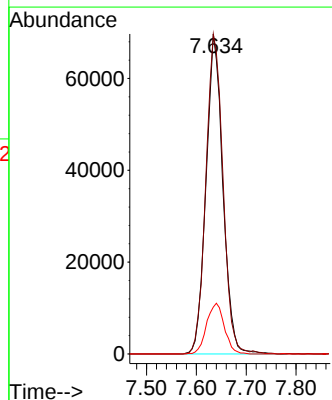
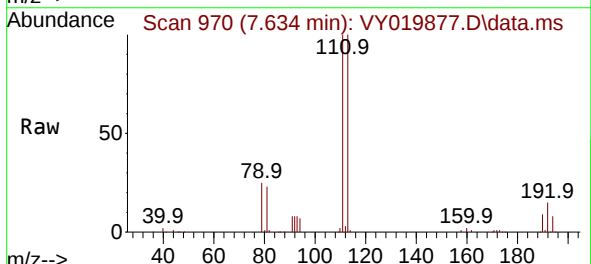
Instrument :
MSVOA_Y
ClientSampleId :
SP-8

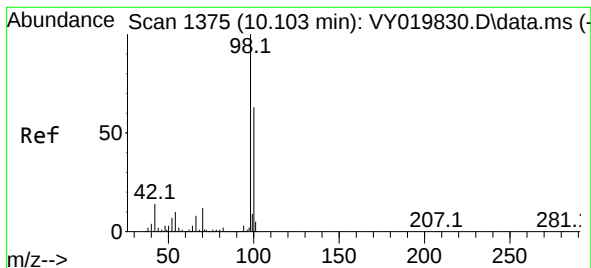
Tgt Ion:114 Resp: 496793
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.696 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

Tgt Ion:113 Resp: 162919
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 16.8 15.9 23.9

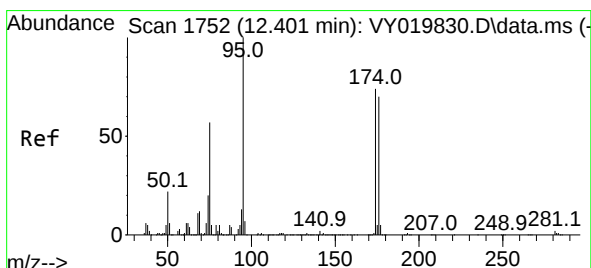
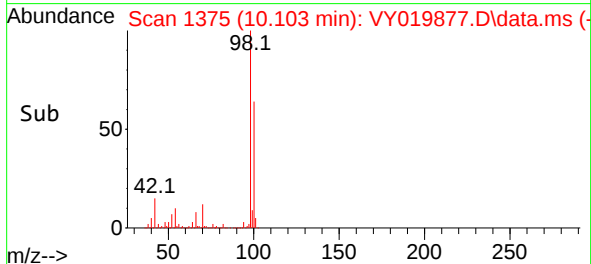
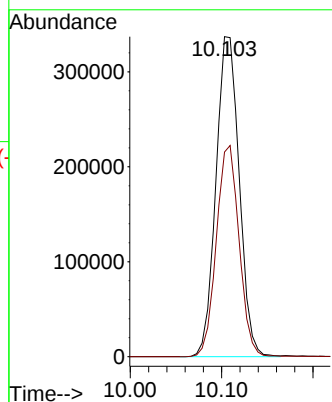
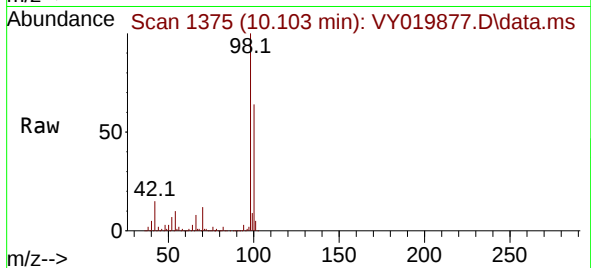




#50
Toluene-d8
Concen: 49.306 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

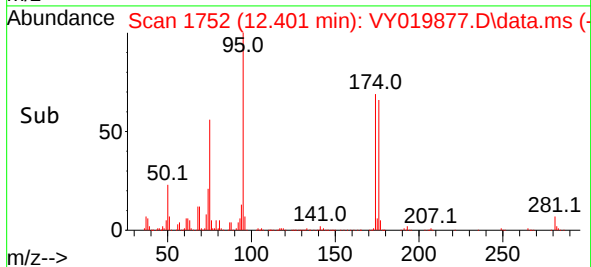
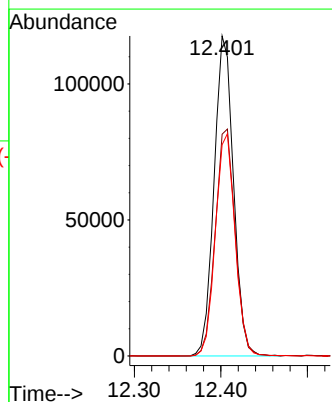
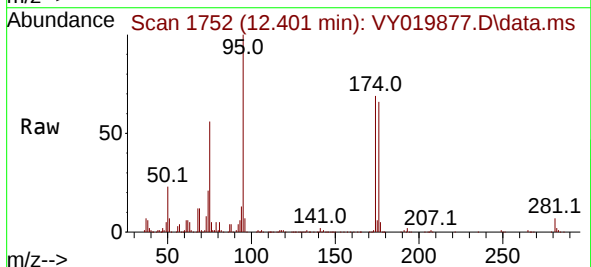
Instrument :
MSVOA_Y
ClientSampleId :
SP-8

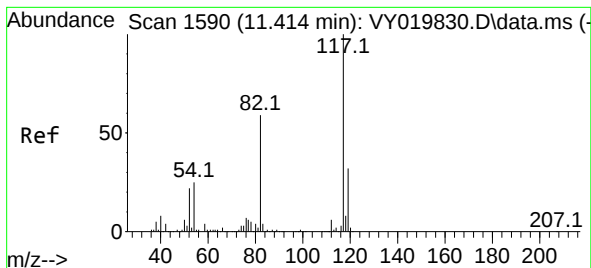
Tgt Ion: 98 Resp: 596917
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.837 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

Tgt Ion: 95 Resp: 183010
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.4 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: VY019877.D

Acq: 11 Oct 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

SP-8

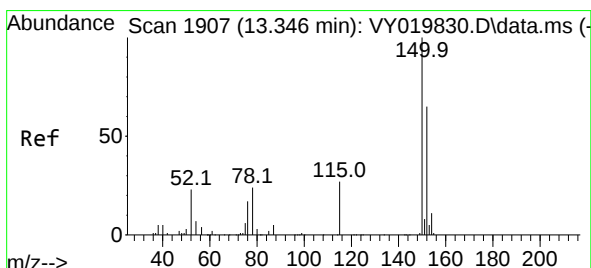
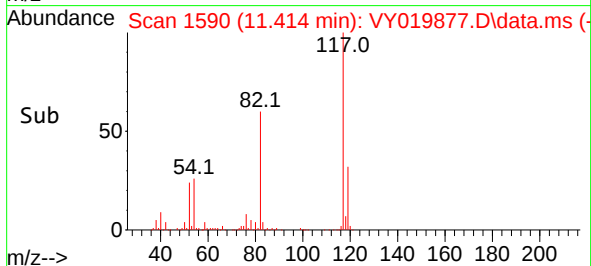
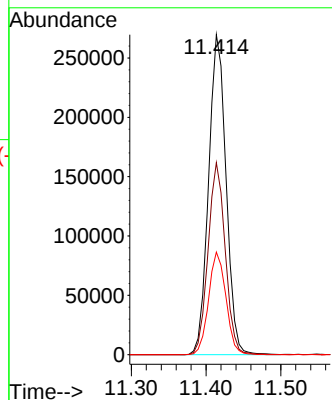
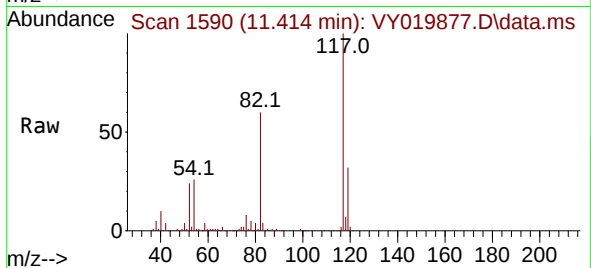
Tgt Ion:117 Resp: 438194

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

119 32.0 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: VY019877.D

Acq: 11 Oct 2024 17:21

Tgt Ion:152 Resp: 154054

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 159.6 0.0 345.6

