

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019404.D
 Acq On : 30 Aug 2024 18:33
 Operator : SY/MD
 Sample : P3741-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-08262024

Quant Time: Aug 30 23:18:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	102828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	177520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	152019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	50514	51.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.720%	
35) Dibromofluoromethane	7.628	113	55153	49.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.280%	
50) Toluene-d8	10.109	98	191246	46.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.580%	
62) 4-Bromofluorobenzene	12.408	95	55820	41.772	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.540%	

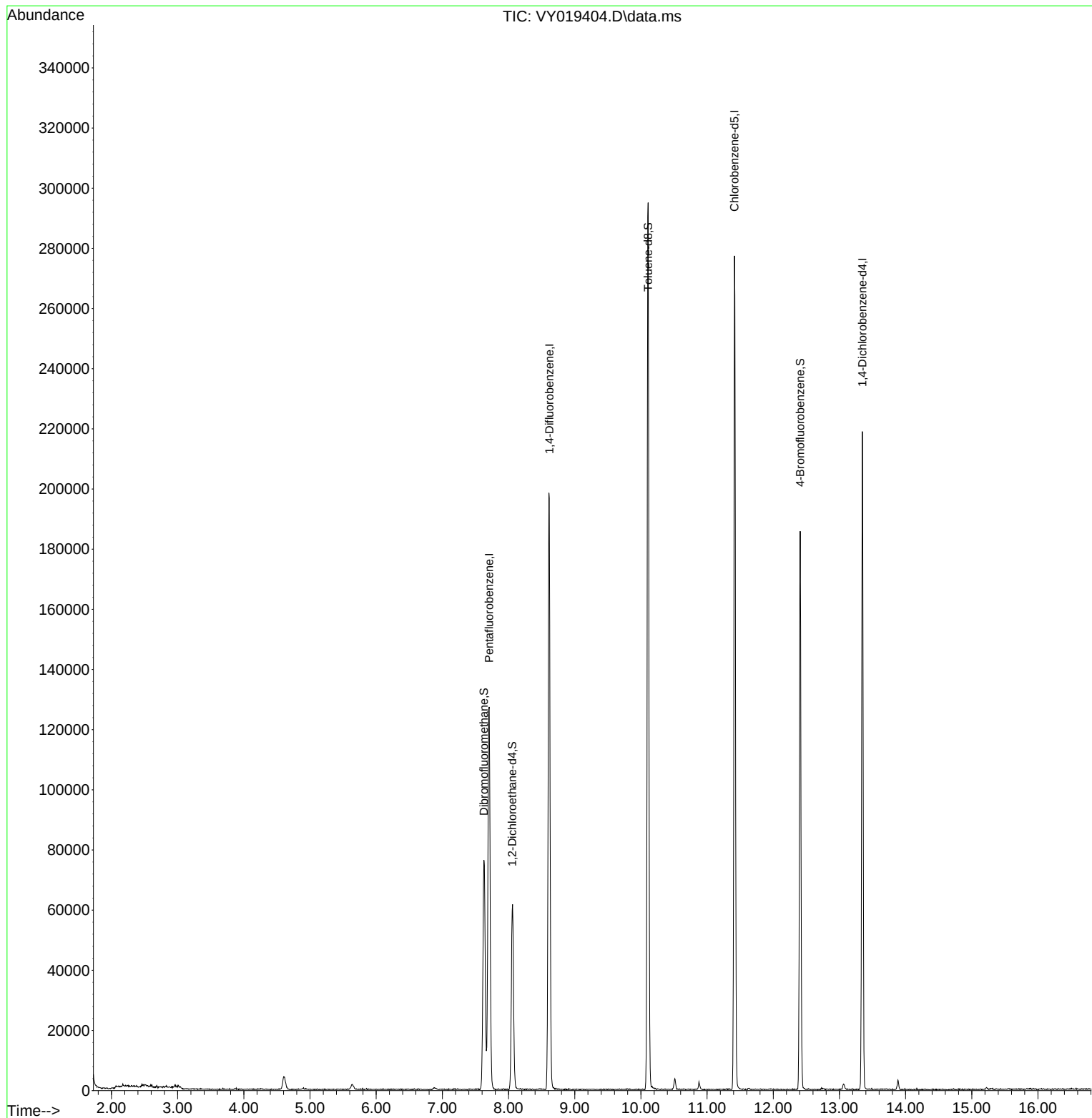
Target Compounds	Qvalue

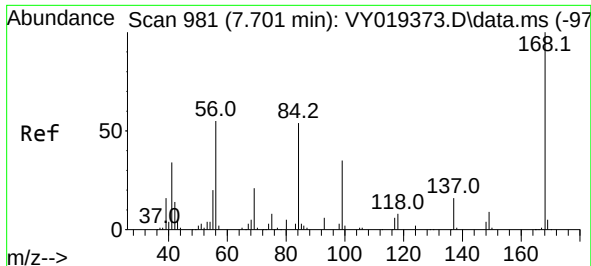
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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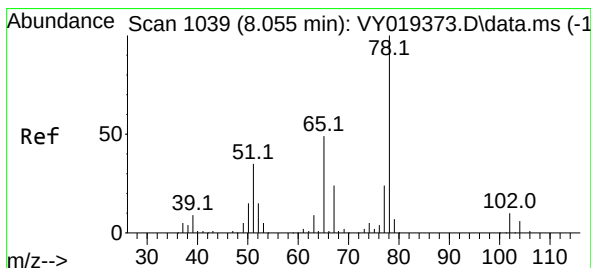
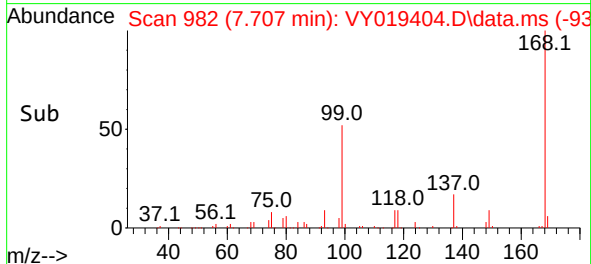
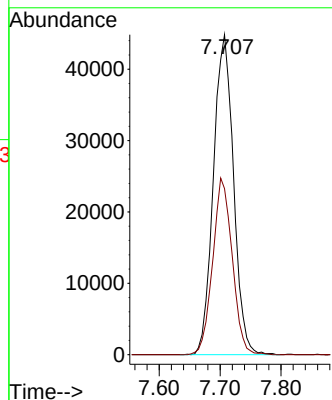
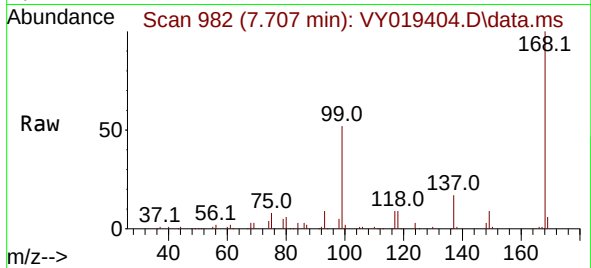




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

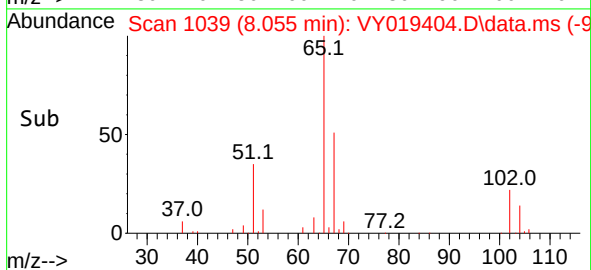
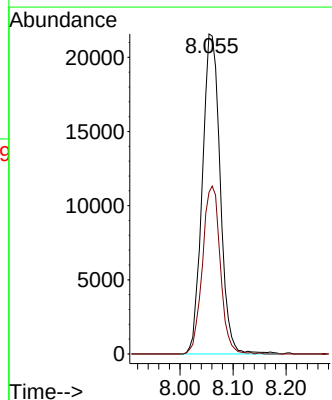
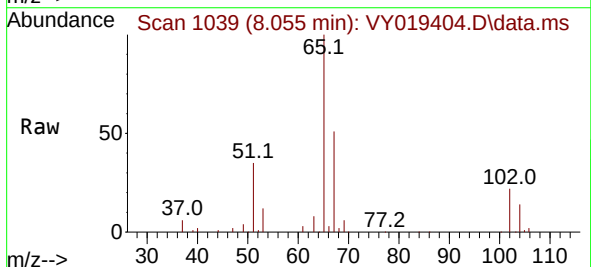
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-08262024

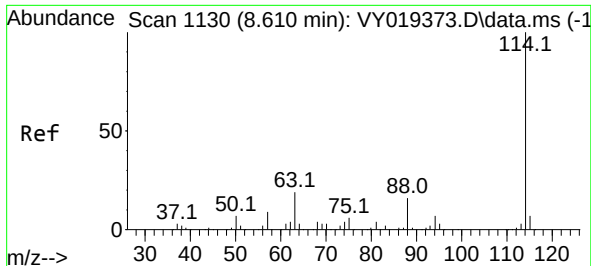
Tgt Ion:168 Resp: 102828
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.864 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 65 Resp: 50514
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019404.D

Acq: 30 Aug 2024 18:33

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-08262024

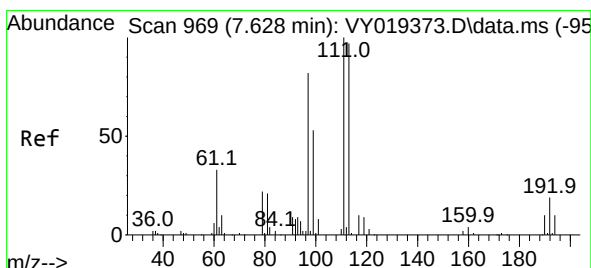
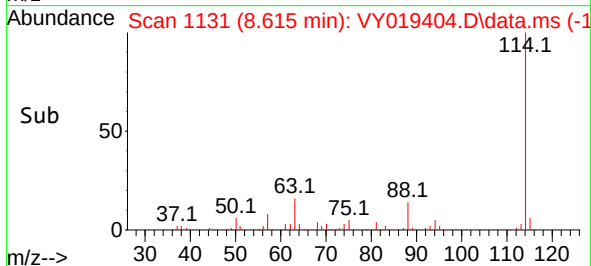
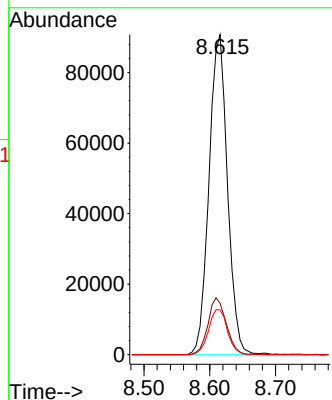
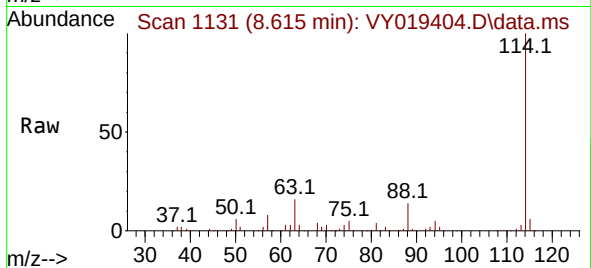
Tgt Ion:114 Resp: 177520

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.141 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019404.D

Acq: 30 Aug 2024 18:33

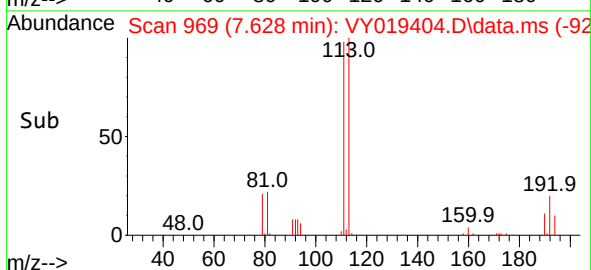
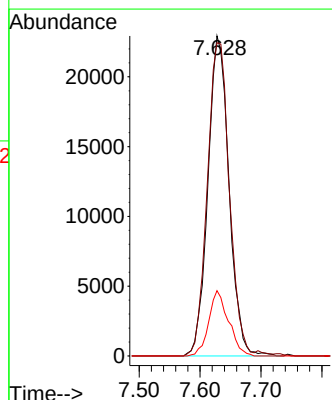
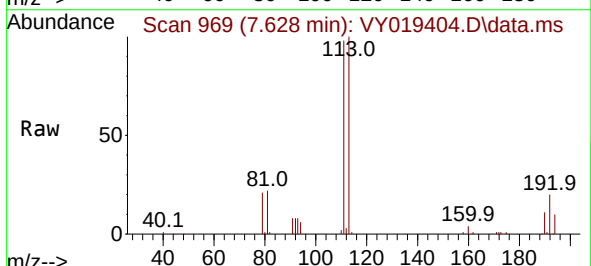
Tgt Ion:113 Resp: 55153

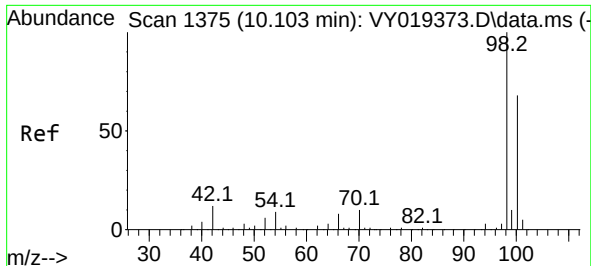
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 19.1 15.9 23.9

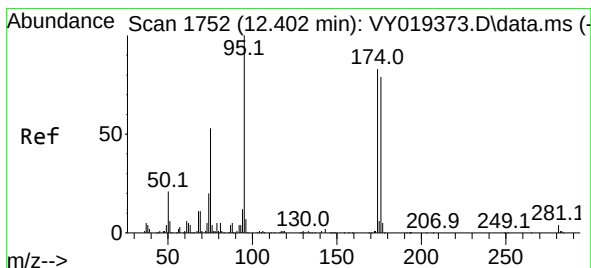
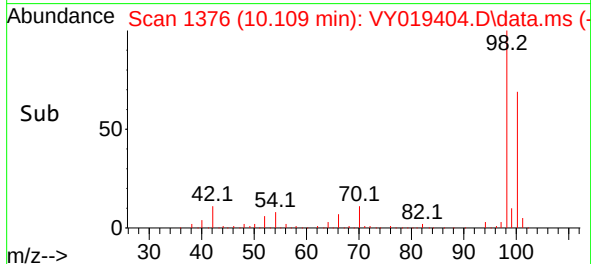
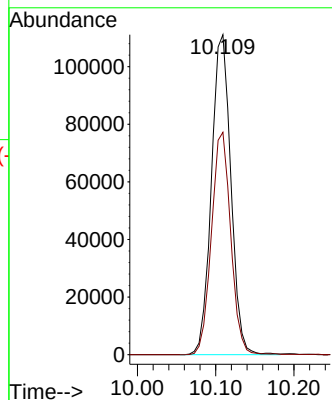
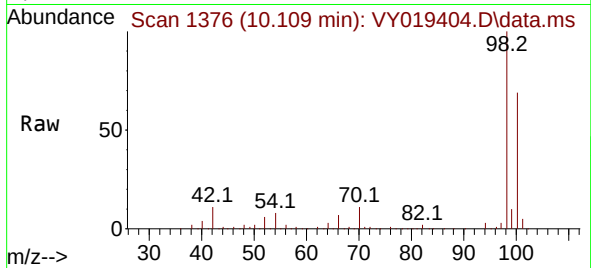




#50
Toluene-d8
Concen: 46.289 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

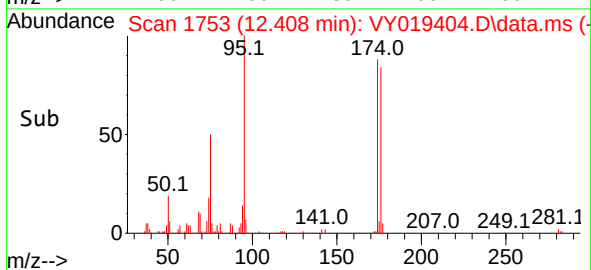
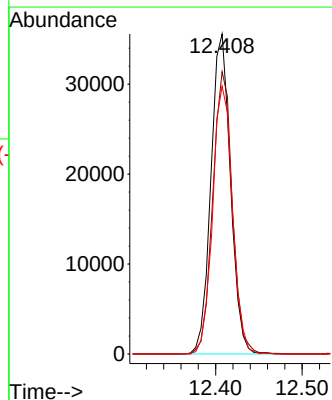
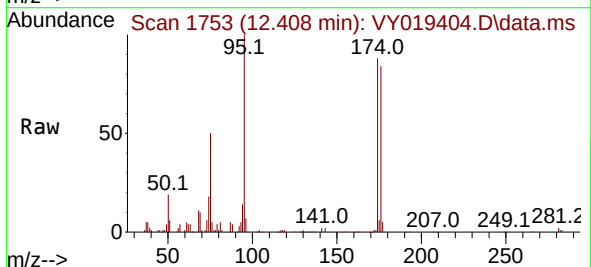
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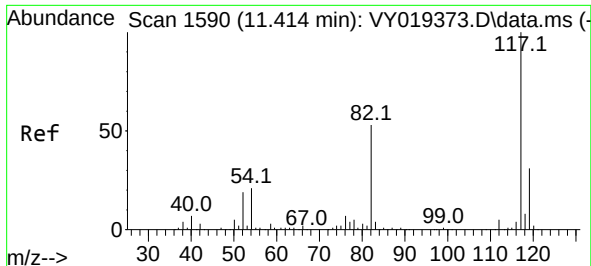
Tgt Ion: 98 Resp: 191246
Ion Ratio Lower Upper
98 100
100 69.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.772 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 95 Resp: 55820
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 85.1 0.0 171.4

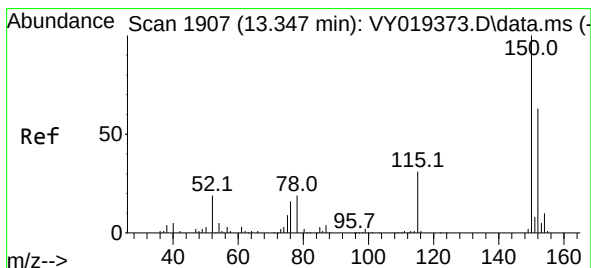
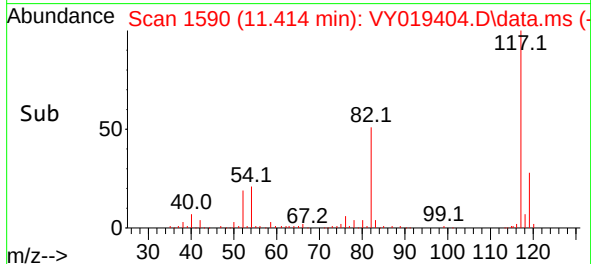
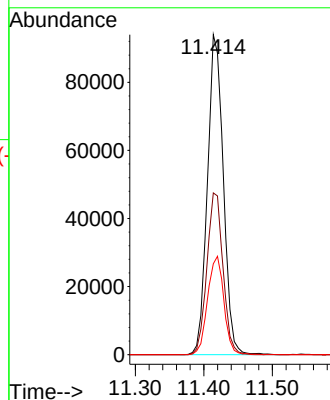
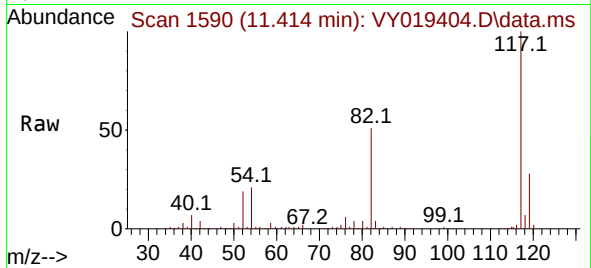




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-08262024

Tgt Ion:117 Resp: 152019
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 28.4 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: VY019404.D
Acq: 30 Aug 2024 18:33

Tgt Ion:152 Resp: 53235
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 155.7 0.0 345.6

