

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019462.D
 Acq On : 09 Sep 2024 13:34
 Operator : SY/MD
 Sample : VY0909SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBL01

Quant Time: Sep 10 01:47:43 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	542726	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	1017746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	901124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	347599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	294626	58.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.260%
35) Dibromofluoromethane	7.634	113	311805	54.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.060%
50) Toluene-d8	10.109	98	1197127	56.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.180%
62) 4-Bromofluorobenzene	12.407	95	405919	49.462	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.920%

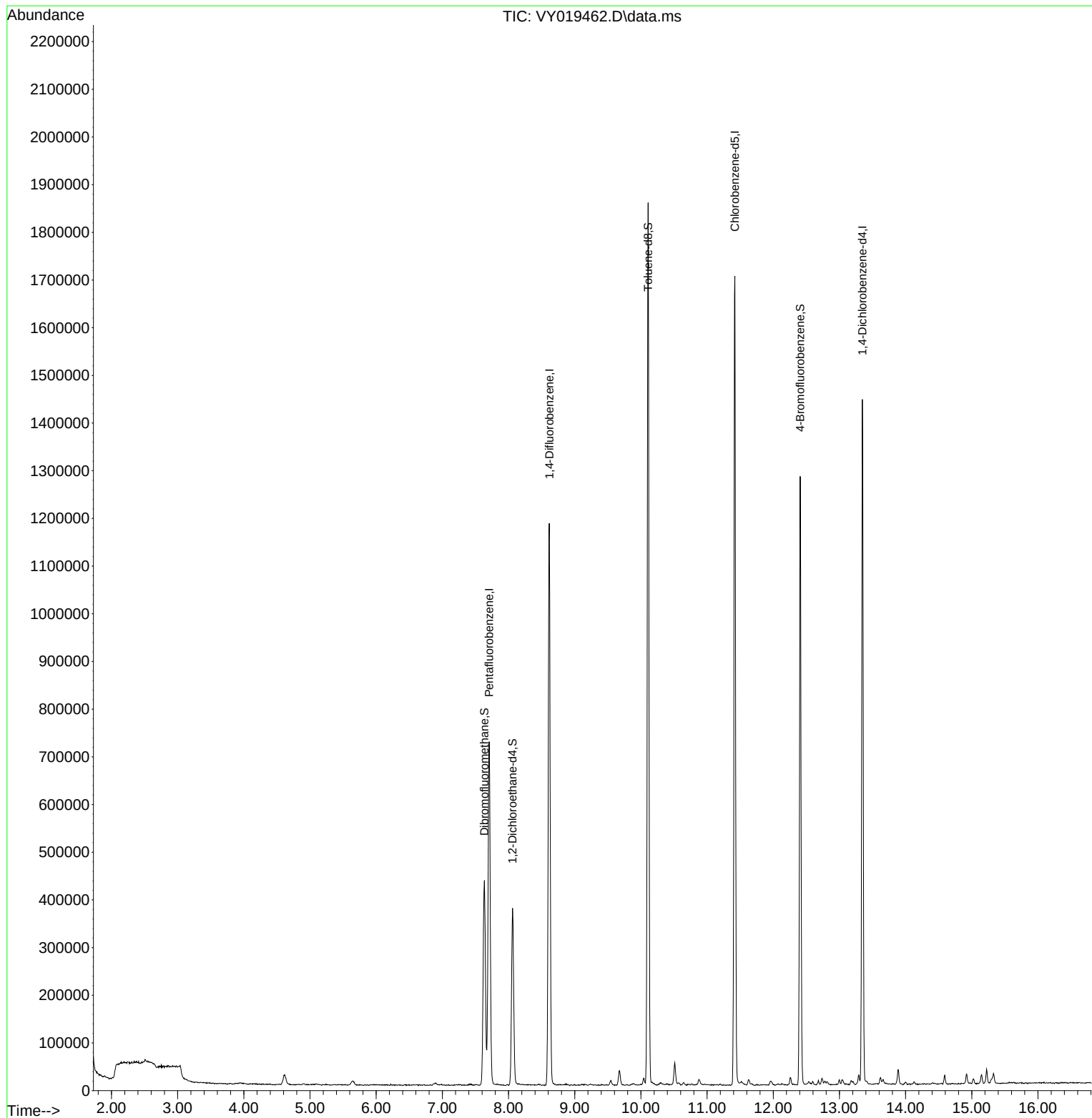
Target Compounds	Qvalue

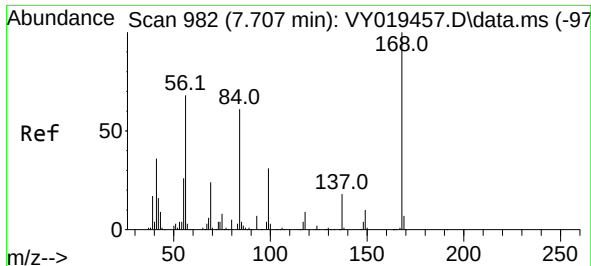
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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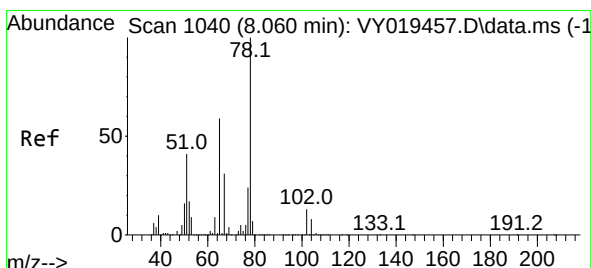
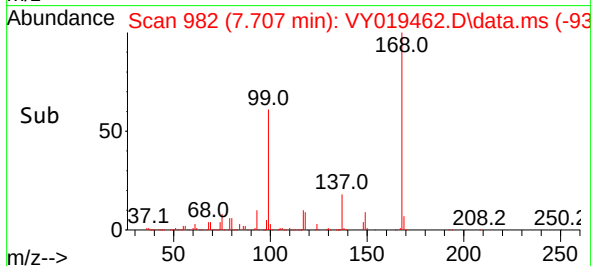
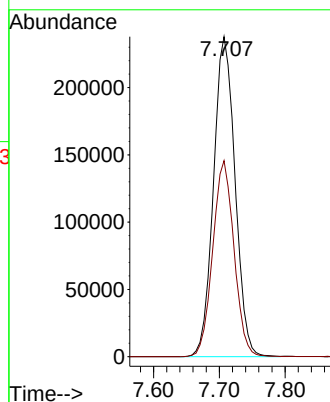
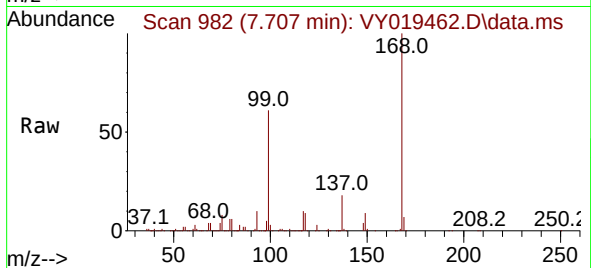




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019462.D
Acq: 09 Sep 2024 13:34

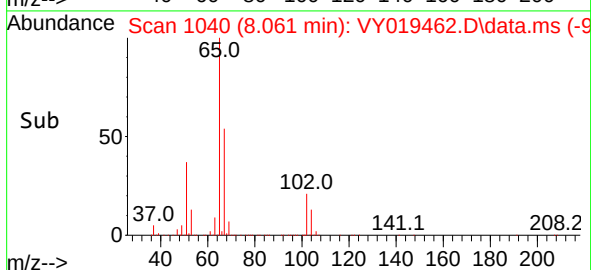
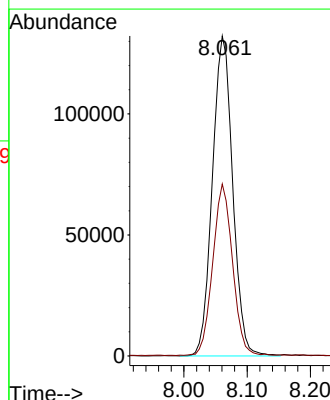
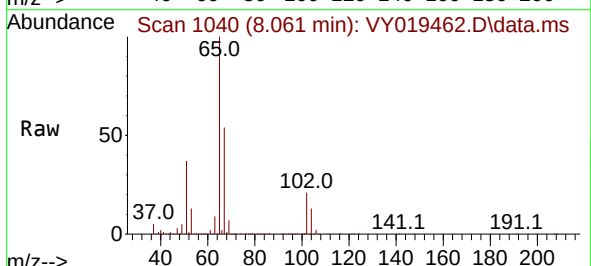
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

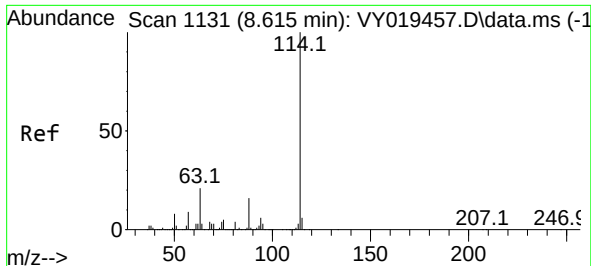
Tgt Ion:168 Resp: 542726
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.626 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019462.D
Acq: 09 Sep 2024 13:34

Tgt Ion: 65 Resp: 294626
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

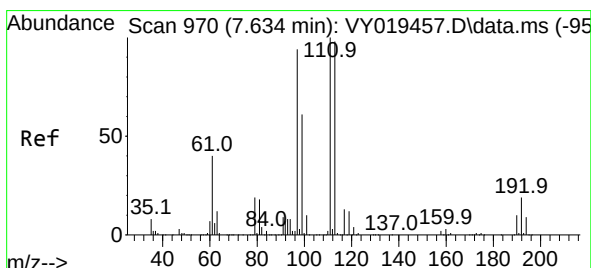
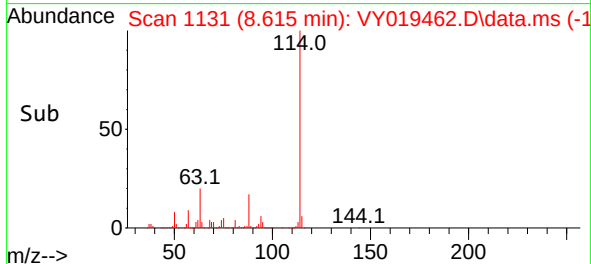
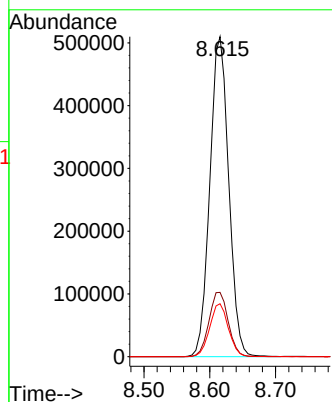
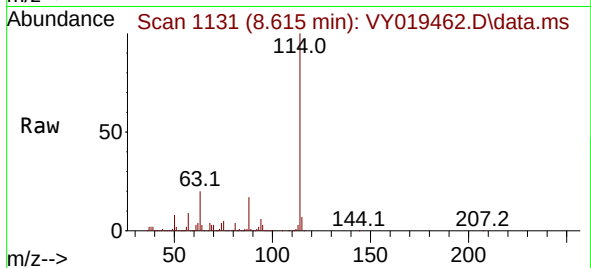




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019462.D
Acq: 09 Sep 2024 13:34

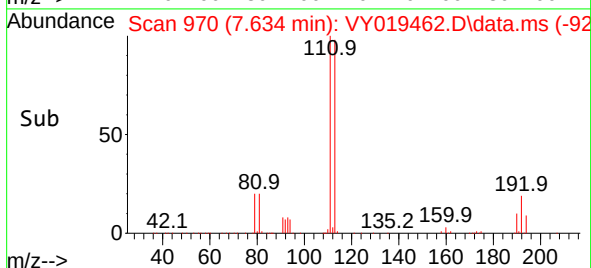
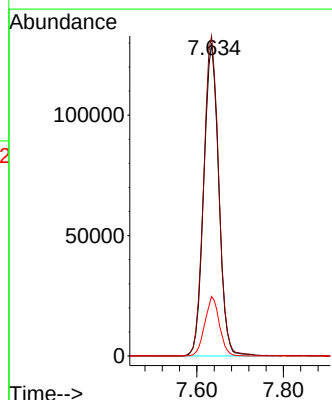
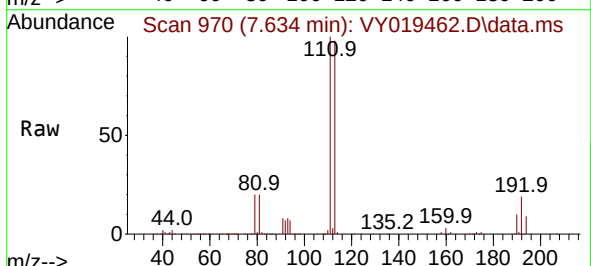
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

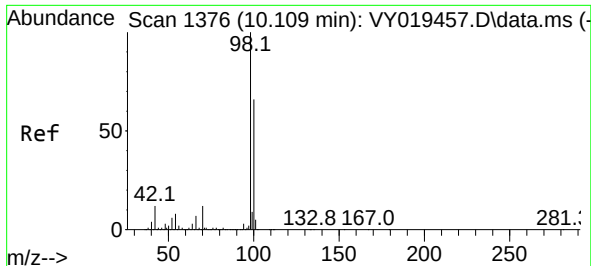
Tgt Ion:114 Resp: 1017746
Ion Ratio Lower Upper
114 100
63 20.1 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.035 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019462.D
Acq: 09 Sep 2024 13:34

Tgt Ion:113 Resp: 311805
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.5 15.9 23.9

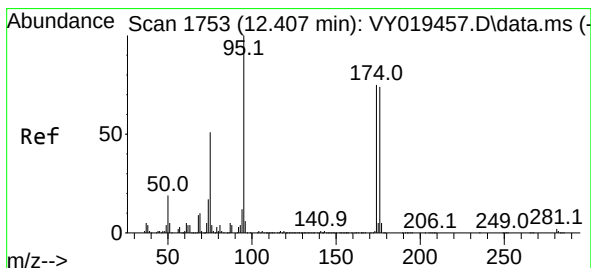
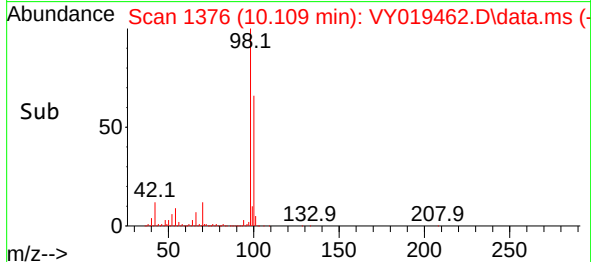
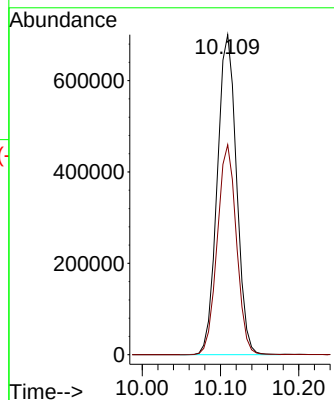
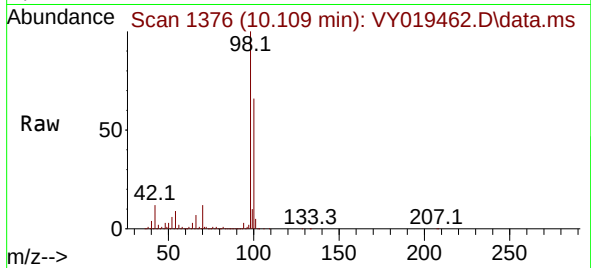




#50
Toluene-d8
Concen: 56.089 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019462.D
Acq: 09 Sep 2024 13:34

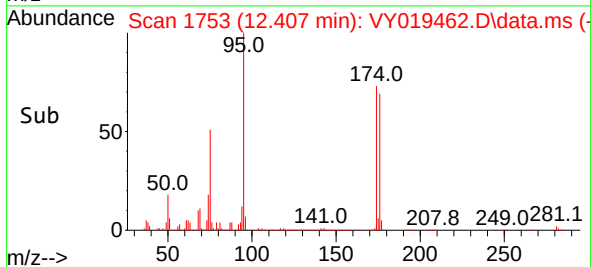
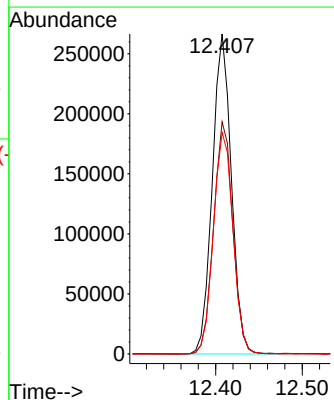
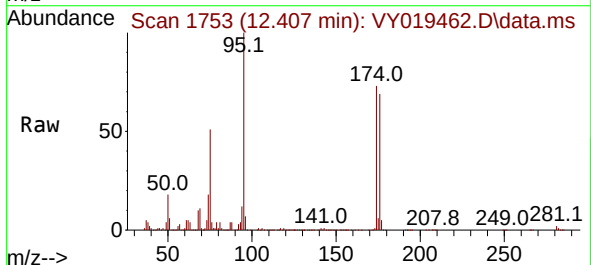
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

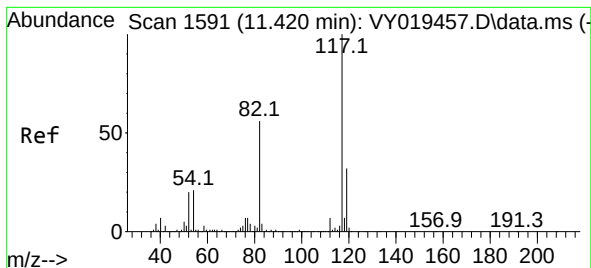
Tgt Ion: 98 Resp: 1197127
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.462 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019462.D
Acq: 09 Sep 2024 13:34

Tgt Ion: 95 Resp: 405919
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 71.6 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: VY019462.D

Acq: 09 Sep 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBL01

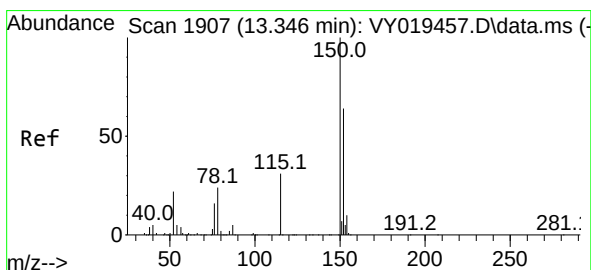
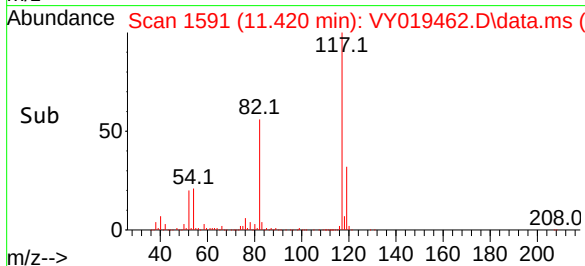
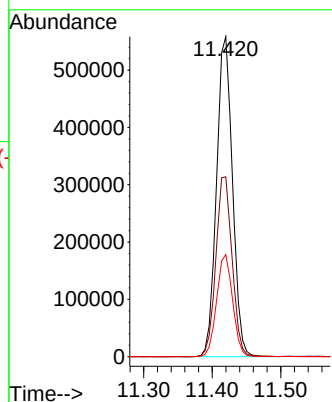
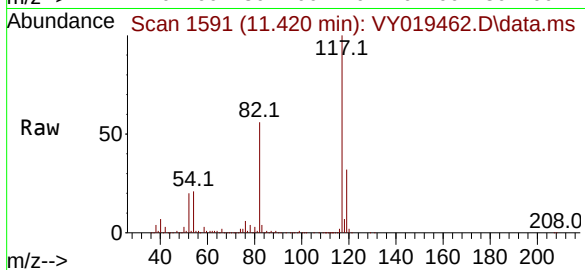
Tgt Ion:117 Resp: 901124

Ion Ratio Lower Upper

117 100

82 56.1 42.4 63.6

119 31.9 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: VY019462.D

Acq: 09 Sep 2024 13:34

Tgt Ion:152 Resp: 347599

Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 156.0 0.0 345.6

