

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021127.D
 Acq On : 06 Feb 2025 21:26
 Operator : SY/MD
 Sample : Q1304-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21140

Quant Time: Feb 07 02:38:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	1828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	2691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	943	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1009	53.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.740%	
35) Dibromofluoromethane	7.634	113	1117	64.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.540%	
50) Toluene-d8	10.109	98	2022	30.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 61.600%	
62) 4-Bromofluorobenzene	12.420	95	238	11.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 22.200%#	

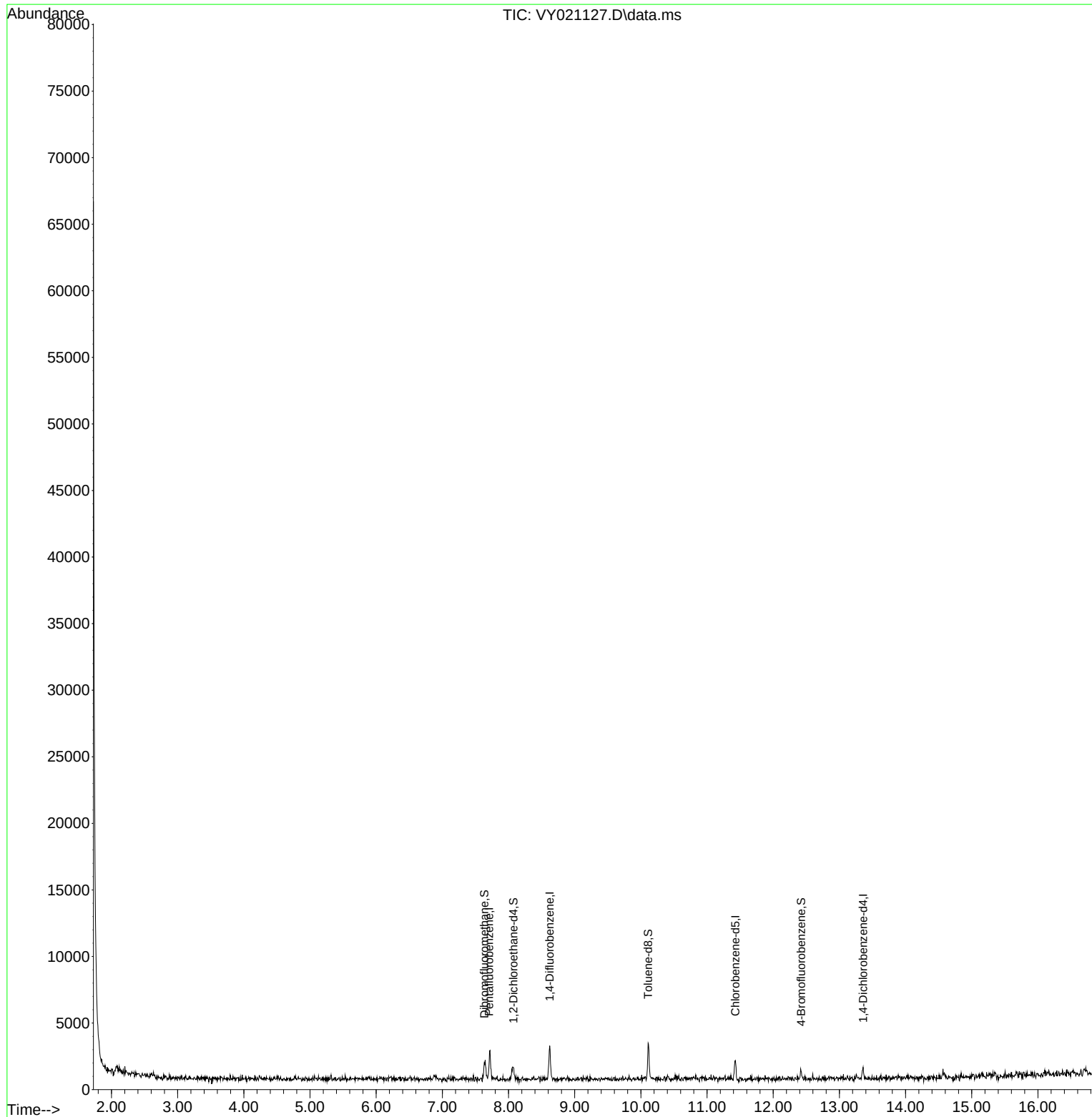
Target Compounds	Qvalue

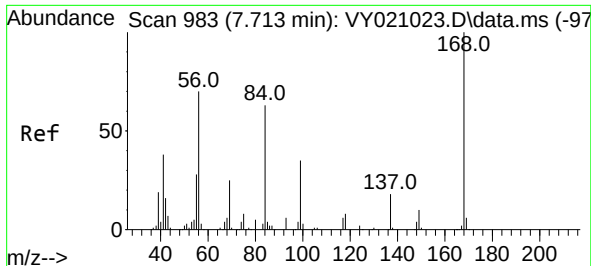
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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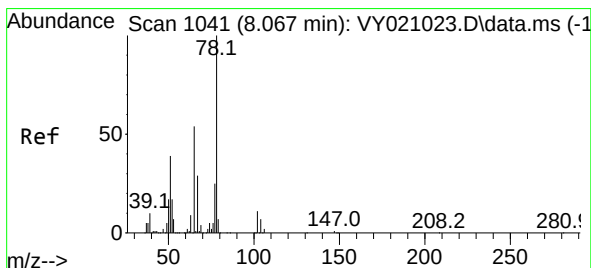
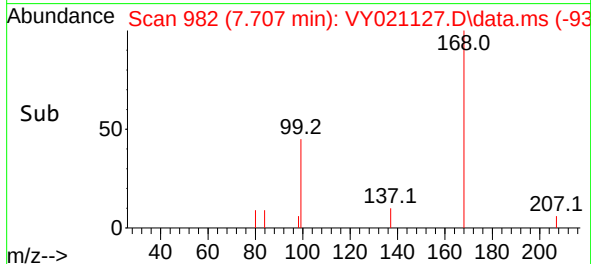
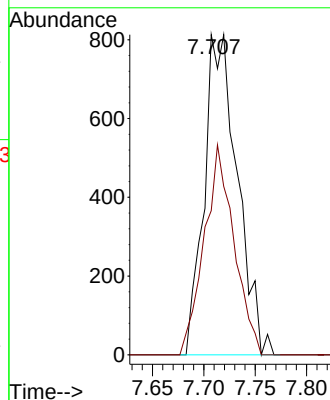
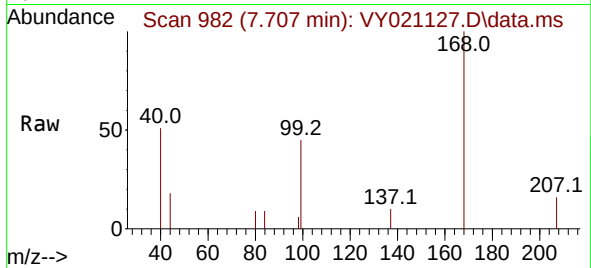




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021127.D
Acq: 06 Feb 2025 21:26

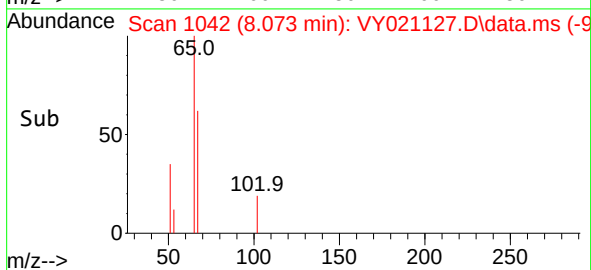
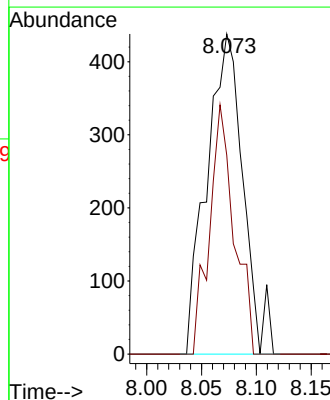
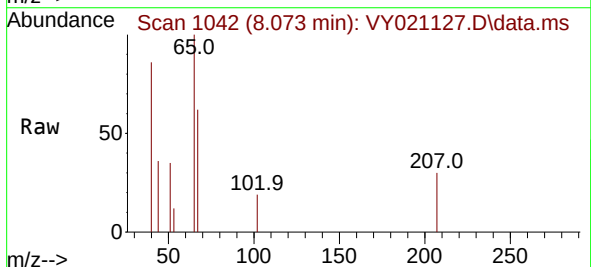
Instrument :
MSVOA_Y
ClientSampleId :
RB21140

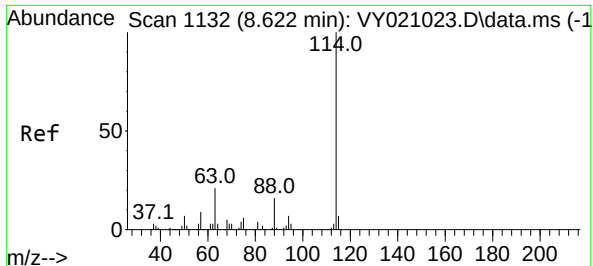
Tgt Ion:168 Resp: 1828
Ion Ratio Lower Upper
168 100
99 45.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.873 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021127.D
Acq: 06 Feb 2025 21:26

Tgt Ion: 65 Resp: 1009
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021127.D

Acq: 06 Feb 2025 21:26

Instrument :

MSVOA_Y

ClientSampleId :

RB21140

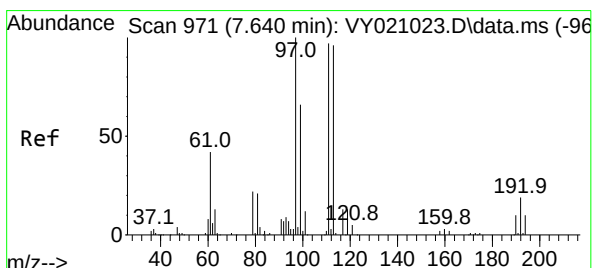
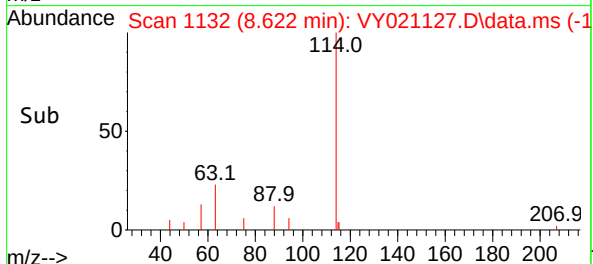
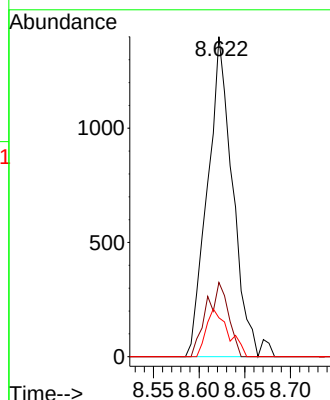
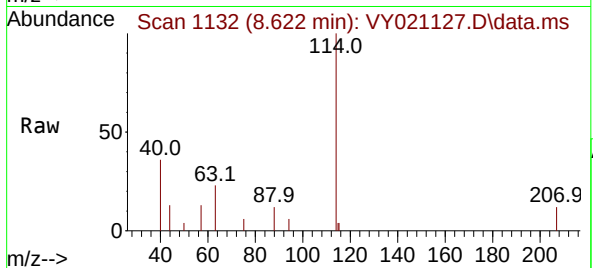
Tgt Ion:114 Resp: 2691

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.4

88 12.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 64.770 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021127.D

Acq: 06 Feb 2025 21:26

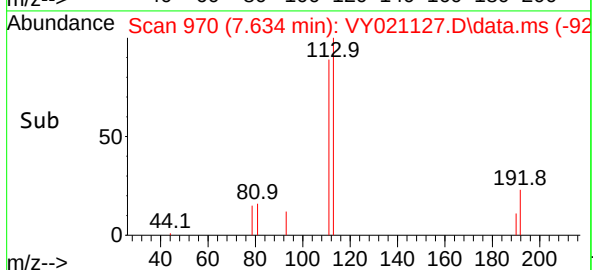
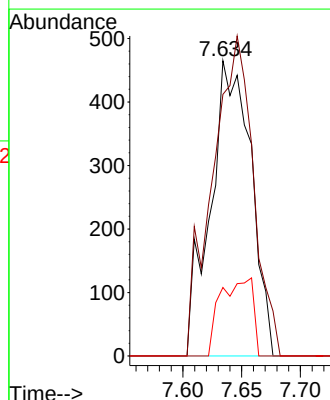
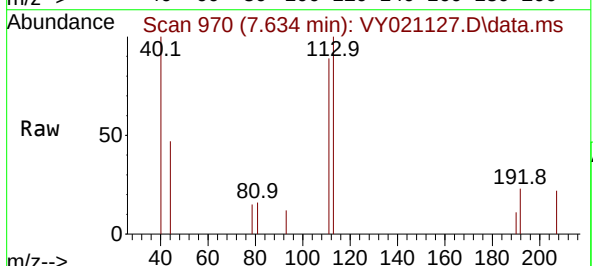
Tgt Ion:113 Resp: 1117

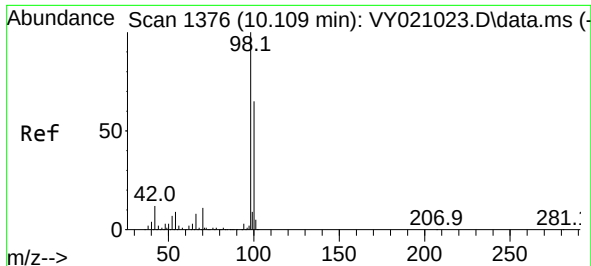
Ion Ratio Lower Upper

113 100

111 109.4 83.8 125.6

192 0.0 14.5 21.7#

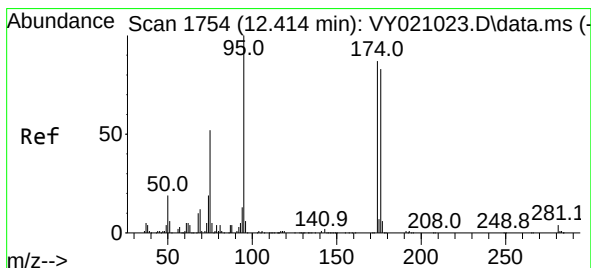
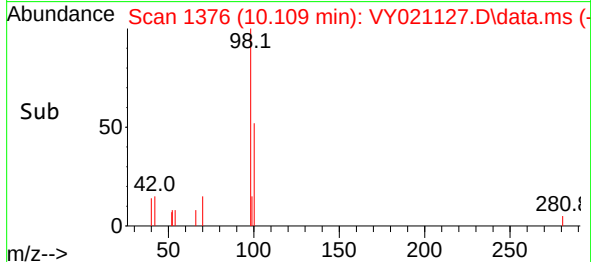
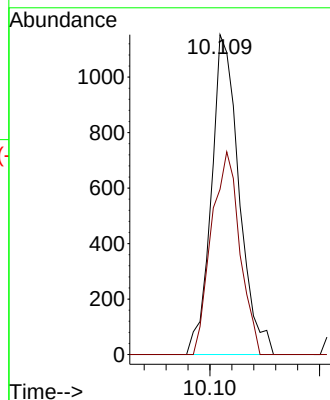
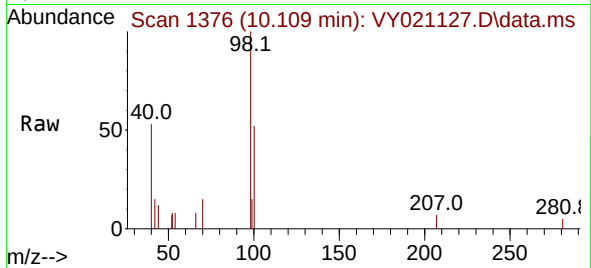




#50
Toluene-d8
Concen: 30.797 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021127.D
Acq: 06 Feb 2025 21:26

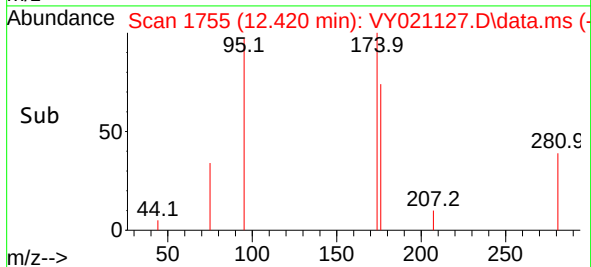
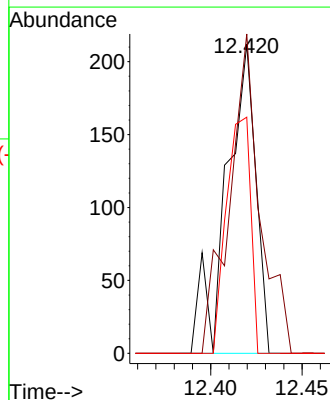
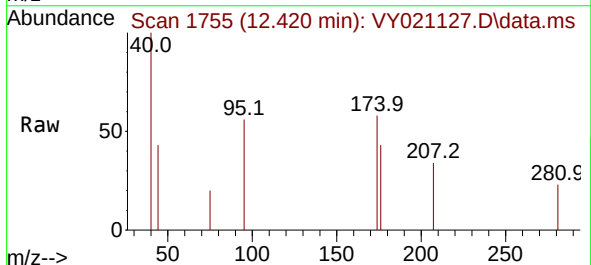
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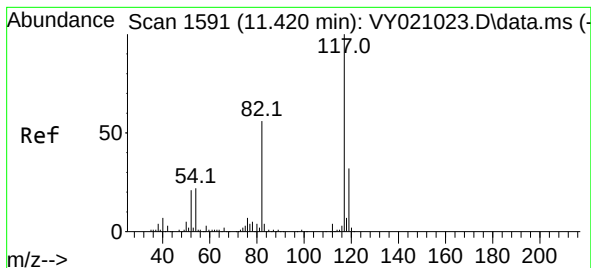
Tgt Ion: 98 Resp: 2022
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 11.096 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021127.D
Acq: 06 Feb 2025 21:26

Tgt Ion: 95 Resp: 238
Ion Ratio Lower Upper
95 100
174 107.6 0.0 160.0
176 63.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021127.D

Acq: 06 Feb 2025 21:26

Instrument :

MSVOA_Y

ClientSampleId :

RB21140

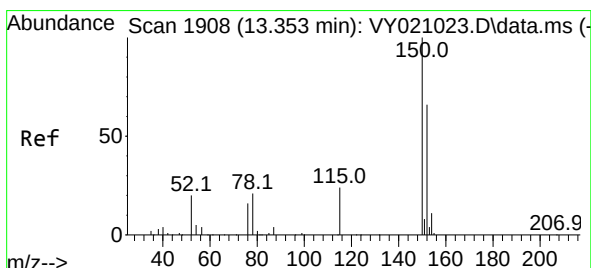
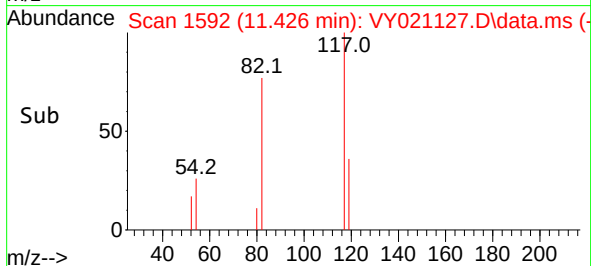
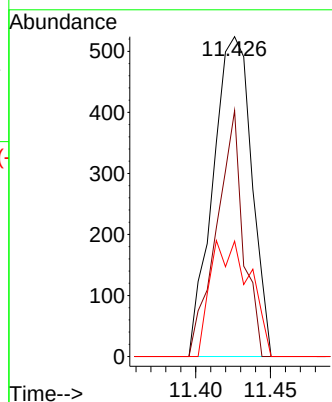
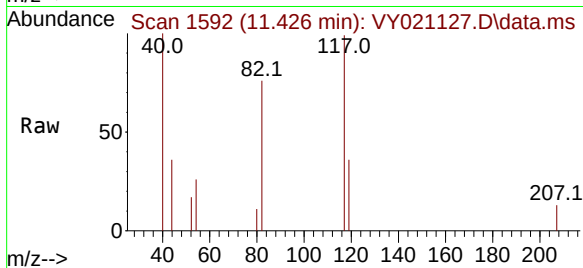
Tgt Ion:117 Resp: 943

Ion Ratio Lower Upper

117 100

82 76.9 43.8 65.8#

119 36.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021127.D

Acq: 06 Feb 2025 21:26

Tgt Ion:152 Resp: 343

Ion Ratio Lower Upper

152 100

115 45.2 30.0 90.0

150 135.0 0.0 344.6

