

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021380.D
 Acq On : 28 Feb 2025 13:20
 Operator : SY/MD
 Sample : Q1422-01RE
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-154-SB01RE

Quant Time: Feb 28 22:20:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	101641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	171514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	51974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55863	48.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.634	113	58329	51.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.103	98	201390	46.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.408	95	53808	36.791	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.580%

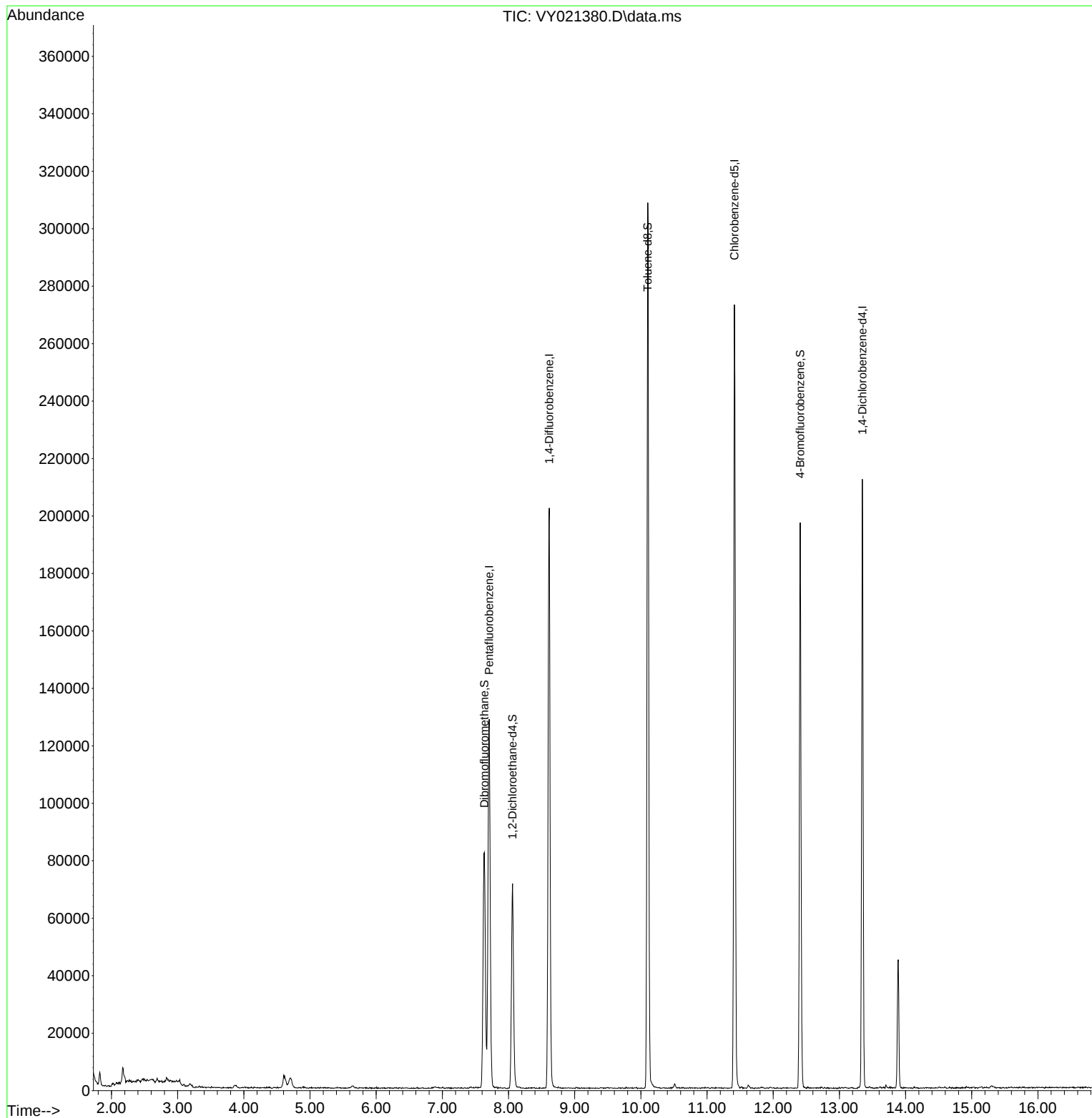
Target Compounds	Qvalue

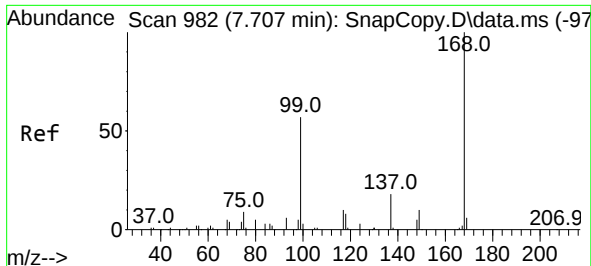
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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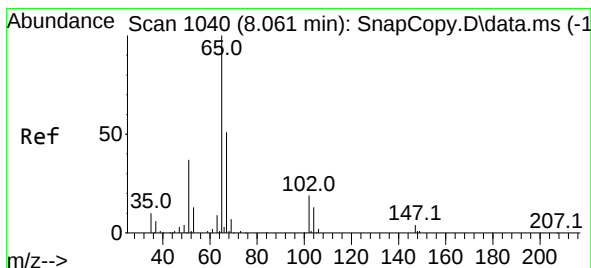
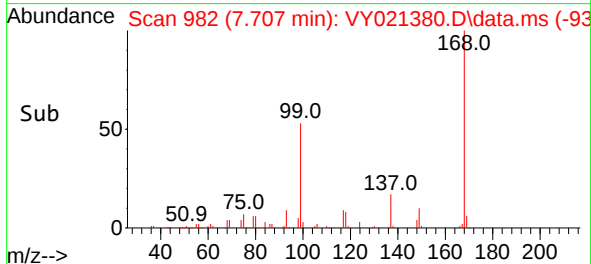
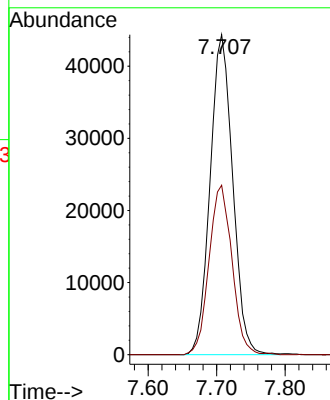
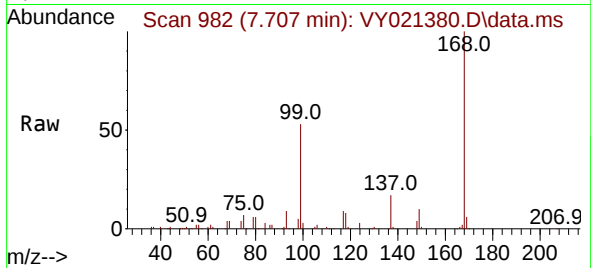




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

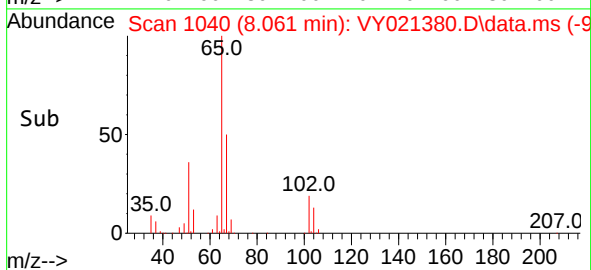
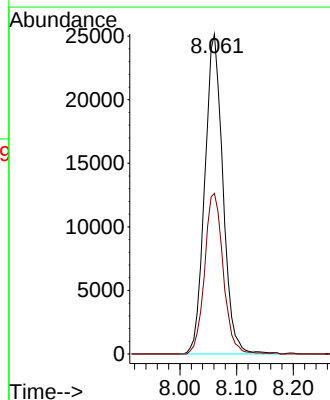
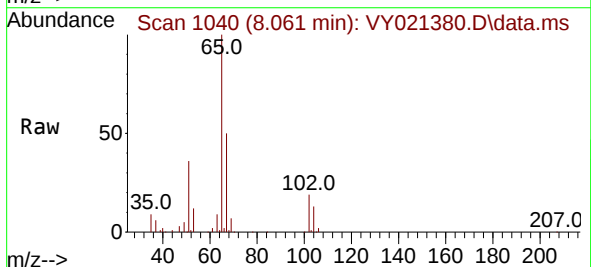
Instrument :
MSVOA_Y
ClientSampleId :
B-154-SB01RE

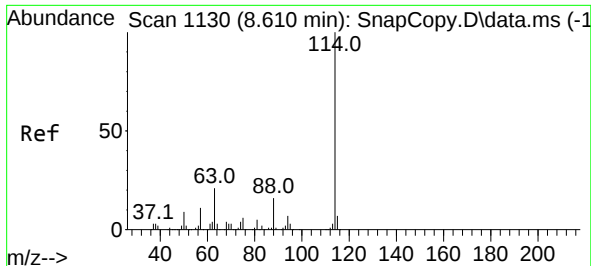
Tgt Ion:168 Resp: 101641
Ion Ratio Lower Upper
168 100
99 52.9 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 48.449 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

Tgt Ion: 65 Resp: 55863
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.6

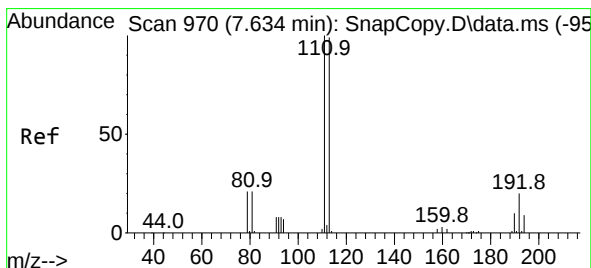
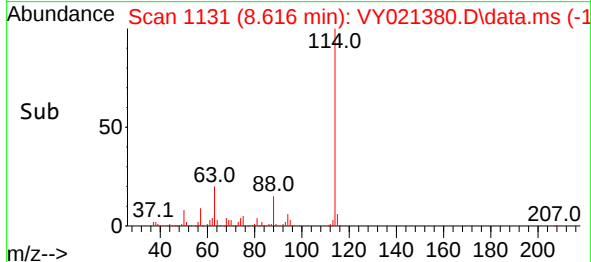
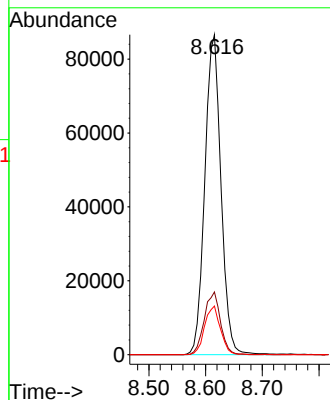
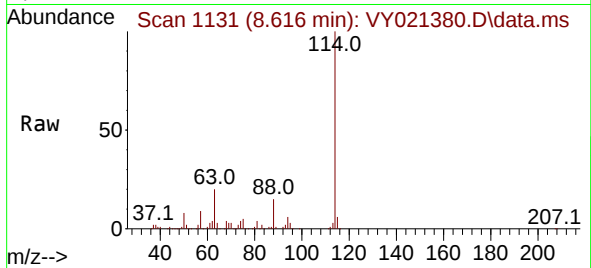




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

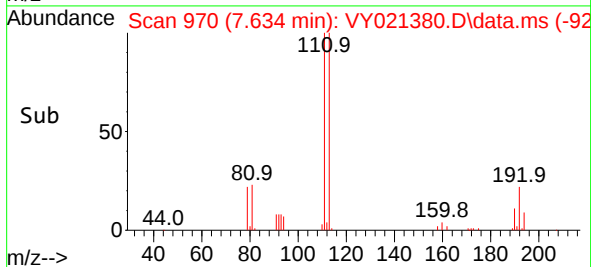
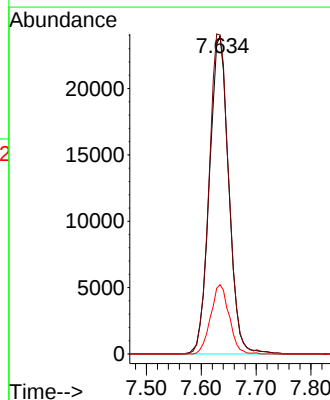
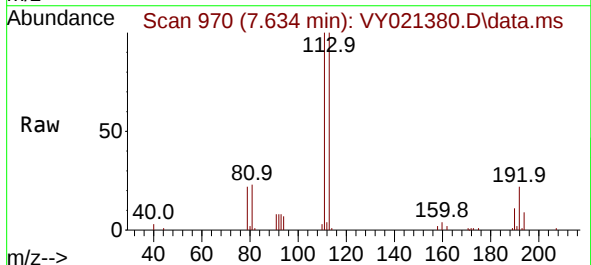
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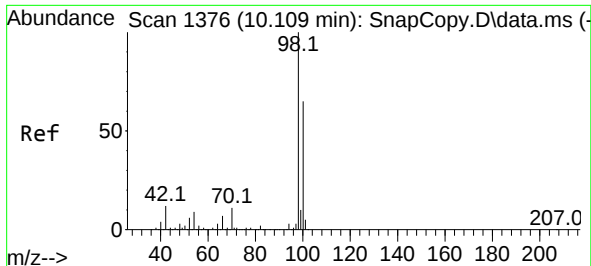
Tgt Ion:114 Resp: 171514
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 15.2 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.873 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

Tgt Ion:113 Resp: 58329
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.6
192 20.9 15.8 23.8

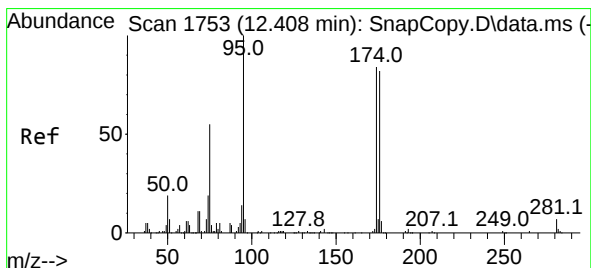
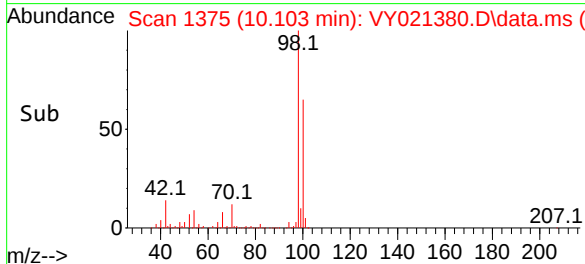
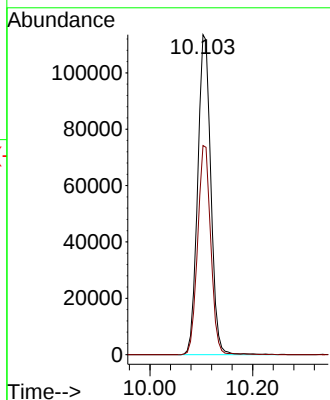
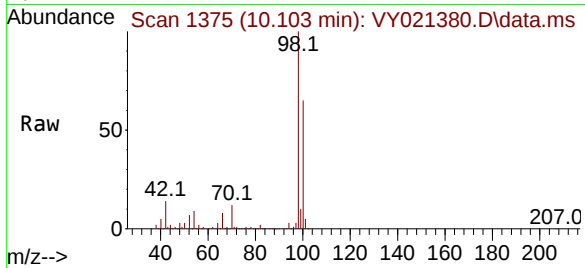




#50
Toluene-d8
Concen: 46.342 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

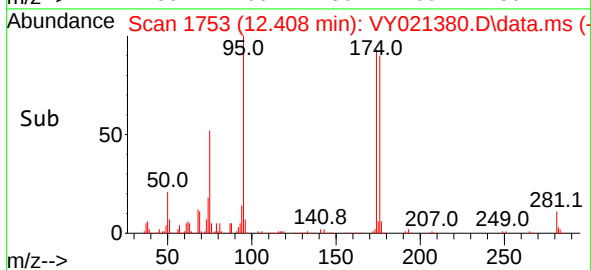
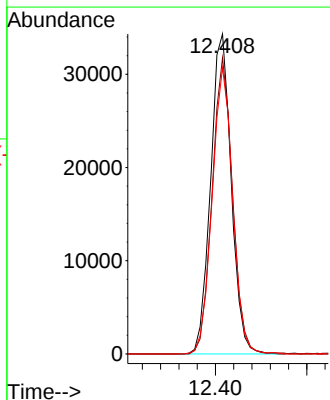
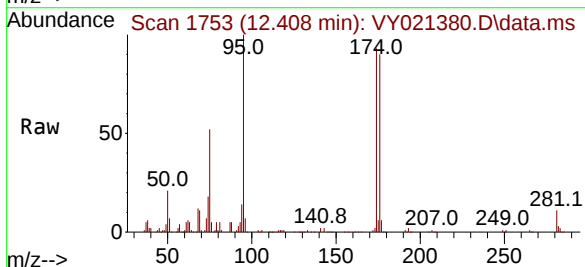
Instrument :
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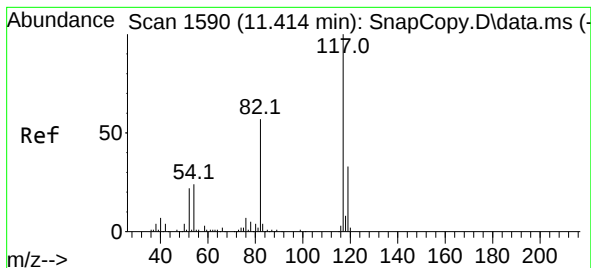
Tgt Ion: 98 Resp: 201390
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 36.791 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

Tgt Ion: 95 Resp: 53808
Ion Ratio Lower Upper
95 100
174 91.4 0.0 168.0
176 89.2 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021380.D

Acq: 28 Feb 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

B-154-SB01RE

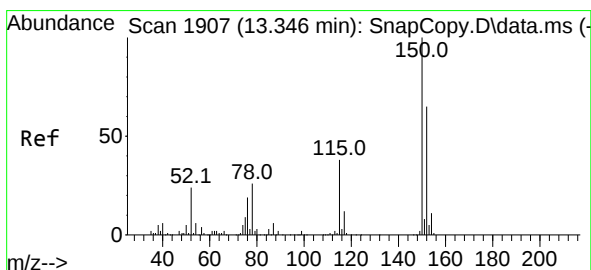
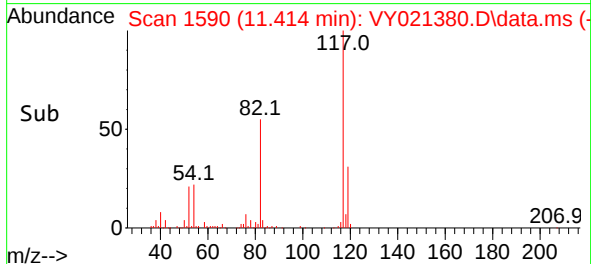
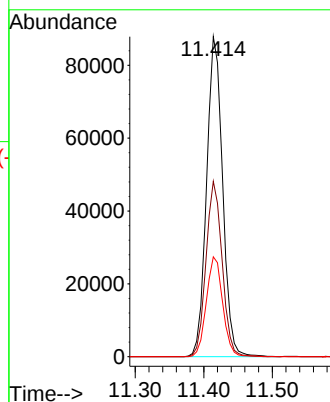
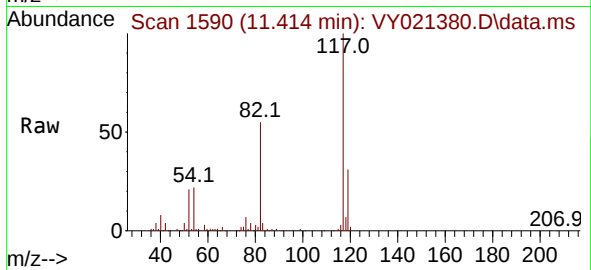
Tgt Ion:117 Resp: 143270

Ion Ratio Lower Upper

117 100

82 54.8 46.2 69.4

119 31.2 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021380.D

Acq: 28 Feb 2025 13:20

Tgt Ion:152 Resp: 51974

Ion Ratio Lower Upper

152 100

115 57.4 29.3 88.0

150 157.0 0.0 347.4

