

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022075.D
 Acq On : 30 Apr 2025 12:00
 Operator : SY/MD
 Sample : Q1905-07
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-H-VOC

Quant Time: May 01 01:34:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	300415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	563441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	518667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	207751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154040	55.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.634	113	195793	52.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.103	98	693190	49.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.402	95	197232	41.749	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.500%

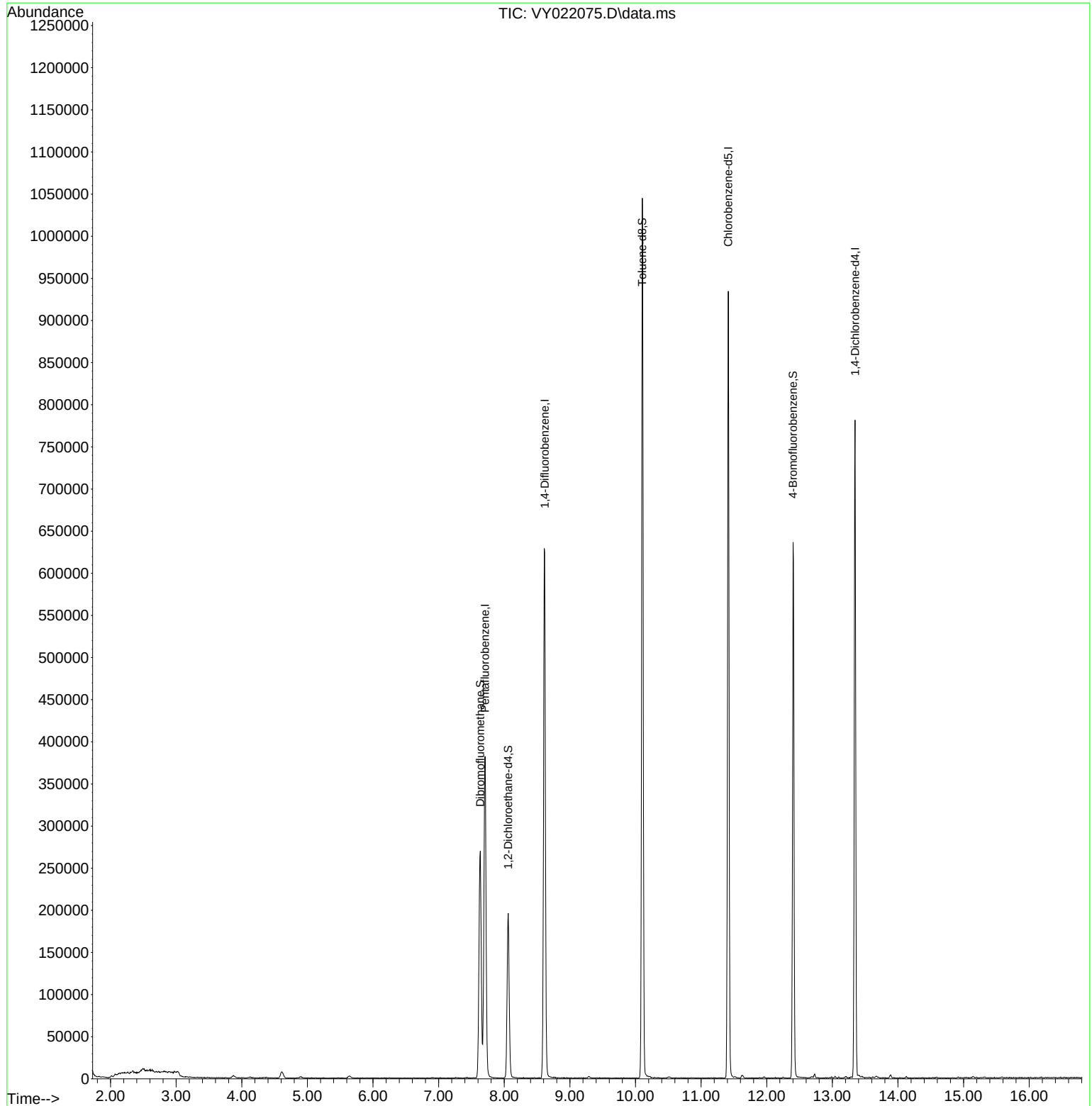
Target Compounds	Qvalue

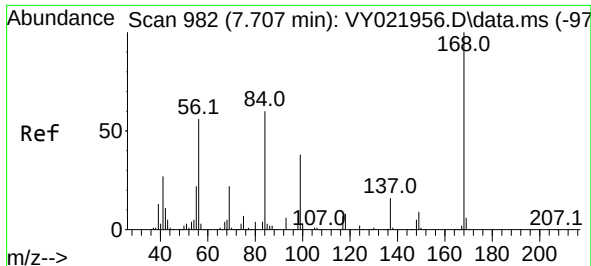
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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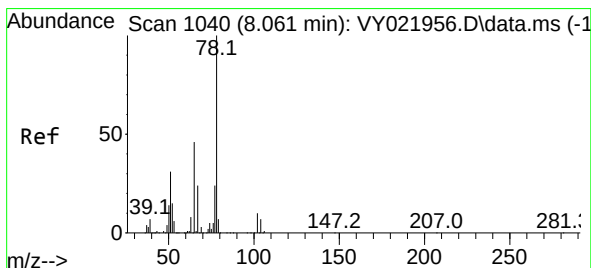
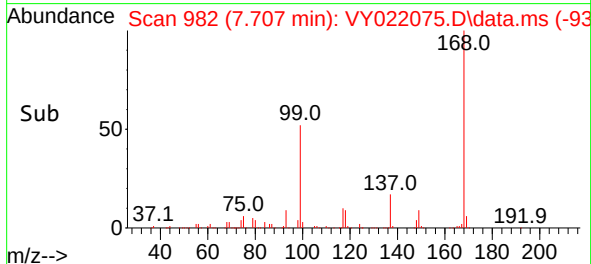
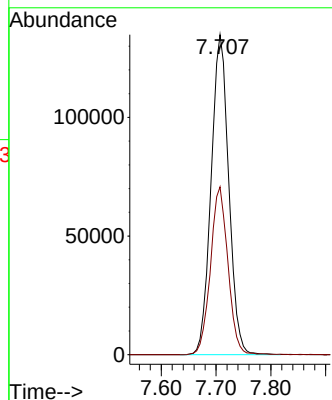
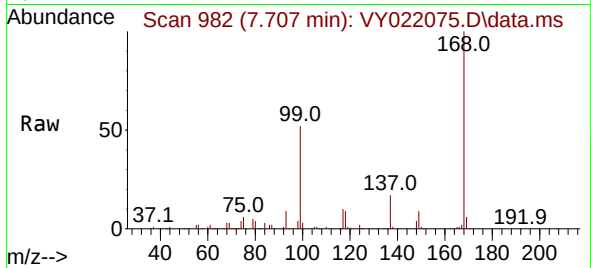




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022075.D
Acq: 30 Apr 2025 12:00

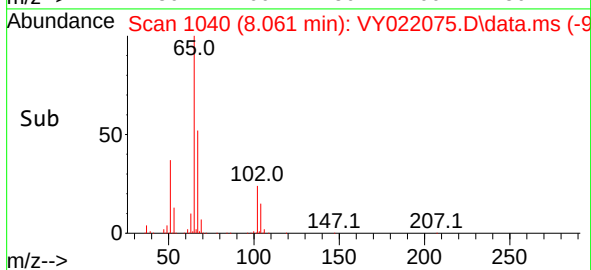
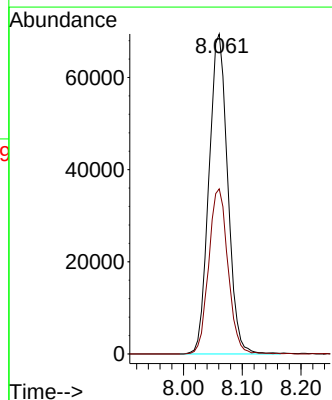
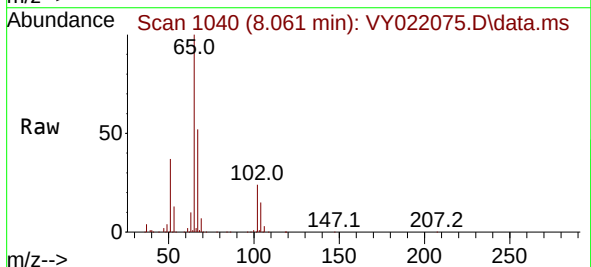
Instrument :
MSVOA_Y
ClientSampleId :
MH-H-VOC

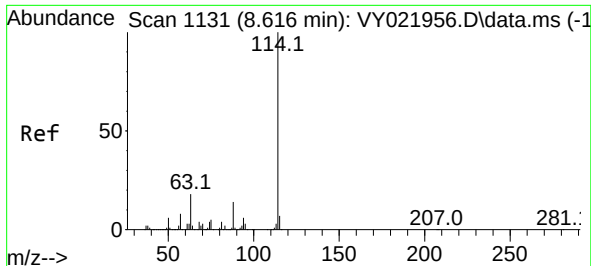
Tgt Ion:168 Resp: 300415
Ion Ratio Lower Upper
168 100
99 52.5 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 55.512 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022075.D
Acq: 30 Apr 2025 12:00

Tgt Ion: 65 Resp: 154040
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022075.D

Acq: 30 Apr 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

MH-H-VOC

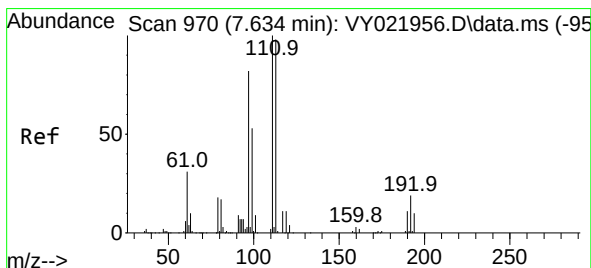
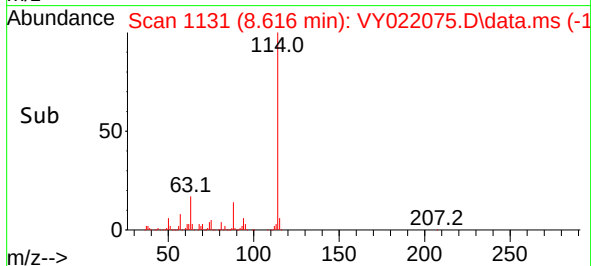
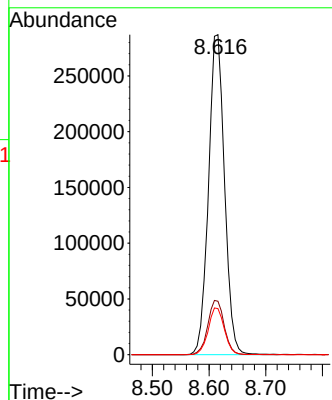
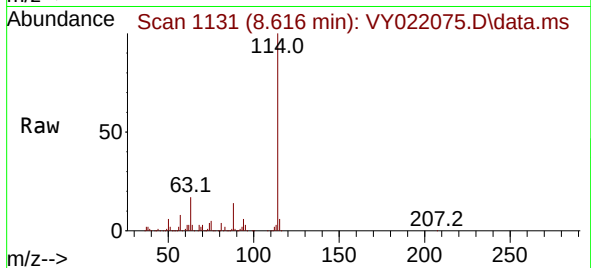
Tgt Ion:114 Resp: 563441

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.4

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 52.599 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022075.D

Acq: 30 Apr 2025 12:00

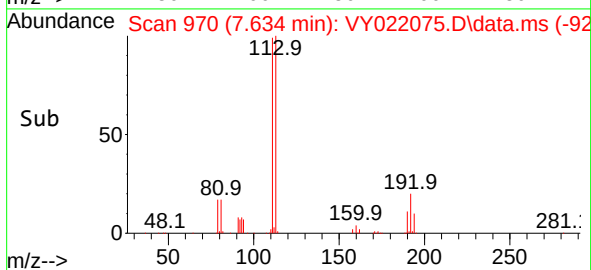
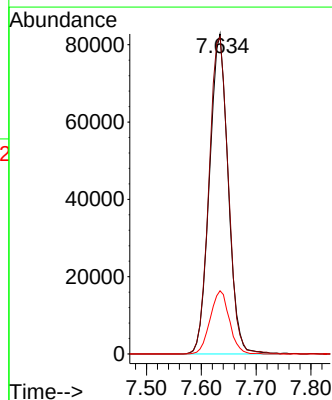
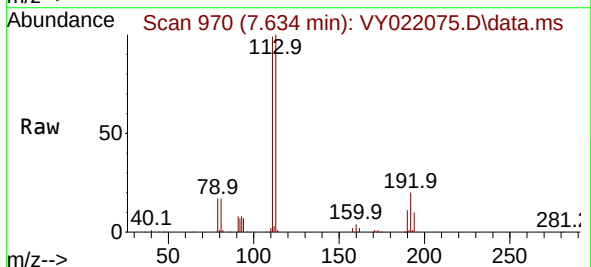
Tgt Ion:113 Resp: 195793

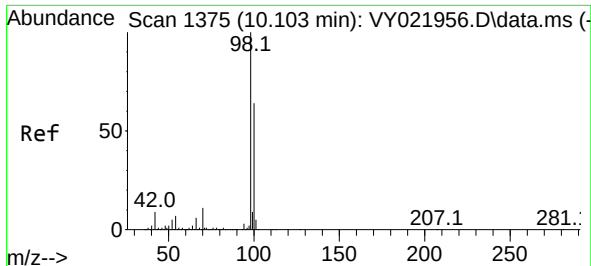
Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 20.3 15.6 23.4

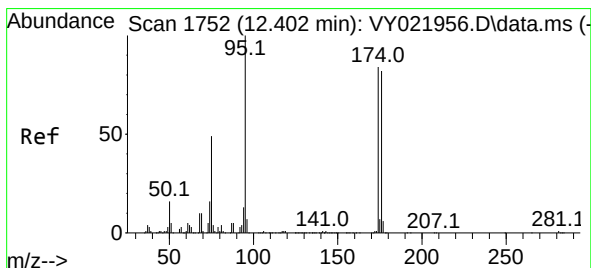
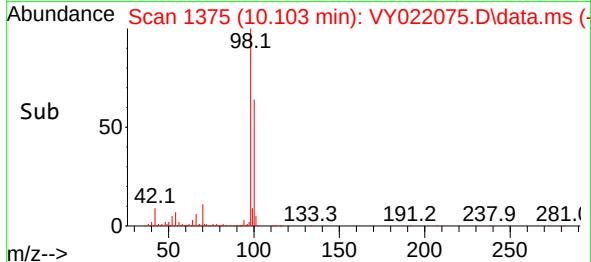
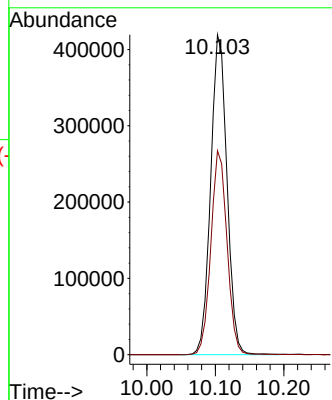
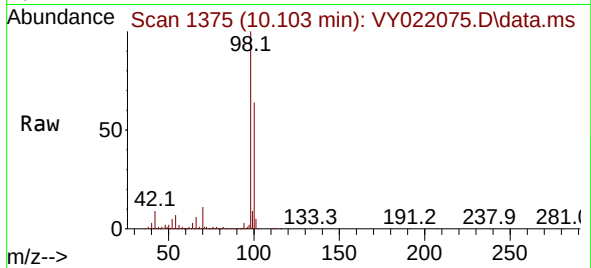




#50
Toluene-d8
Concen: 49.396 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022075.D
Acq: 30 Apr 2025 12:00

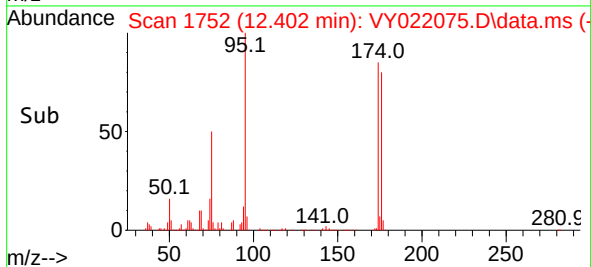
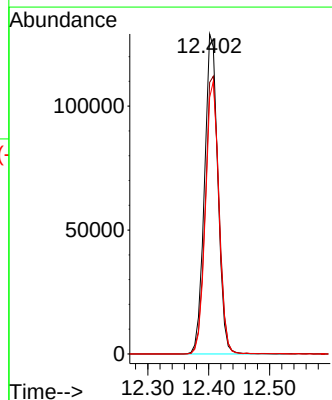
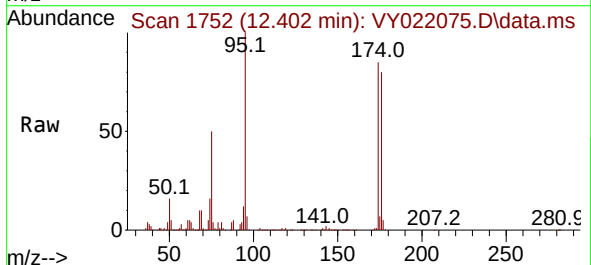
Instrument :
MSVOA_Y
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MH-H-VOC

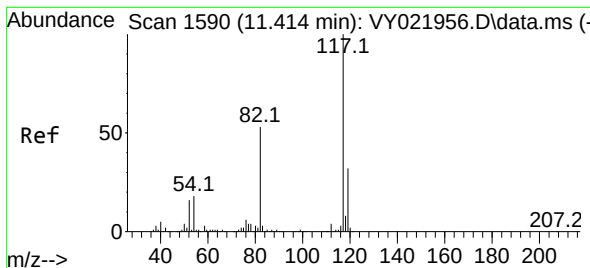
Tgt Ion: 98 Resp: 693190
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.749 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022075.D
Acq: 30 Apr 2025 12:00

Tgt Ion: 95 Resp: 197232
Ion Ratio Lower Upper
95 100
174 89.1 0.0 179.0
176 85.4 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022075.D

Acq: 30 Apr 2025 12:00

Instrument :

MSVOA_Y

ClientSampleId :

MH-H-VOC

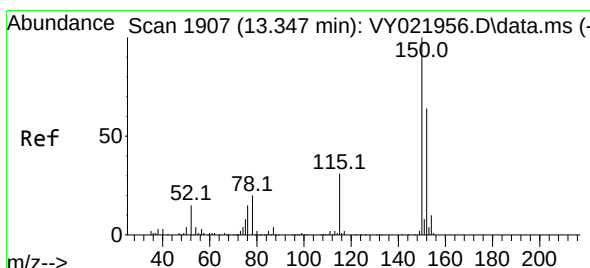
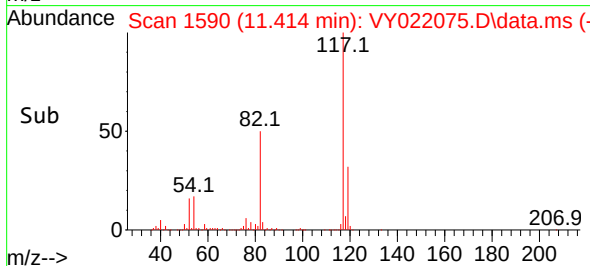
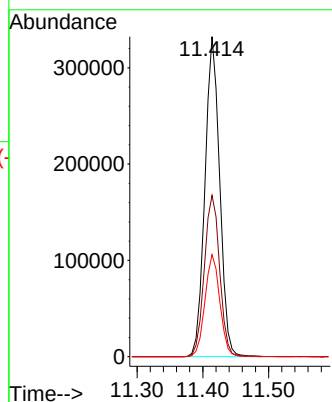
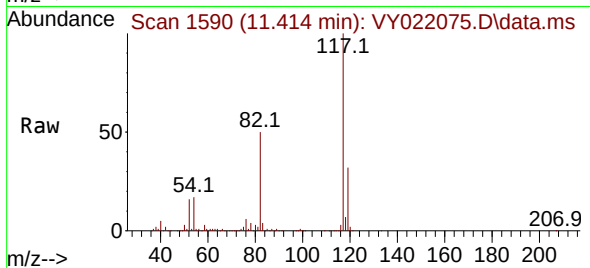
Tgt Ion:117 Resp: 518667

Ion Ratio Lower Upper

117 100

82 50.4 42.1 63.1

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022075.D

Acq: 30 Apr 2025 12:00

Tgt Ion:152 Resp: 207751

Ion Ratio Lower Upper

152 100

115 55.7 28.0 84.0

150 157.5 0.0 345.6

