

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022053.D
 Acq On : 29 Apr 2025 13:55
 Operator : SY/MD
 Sample : Q1892-03
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-G-VOC

Quant Time: Apr 30 01:33:48 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)

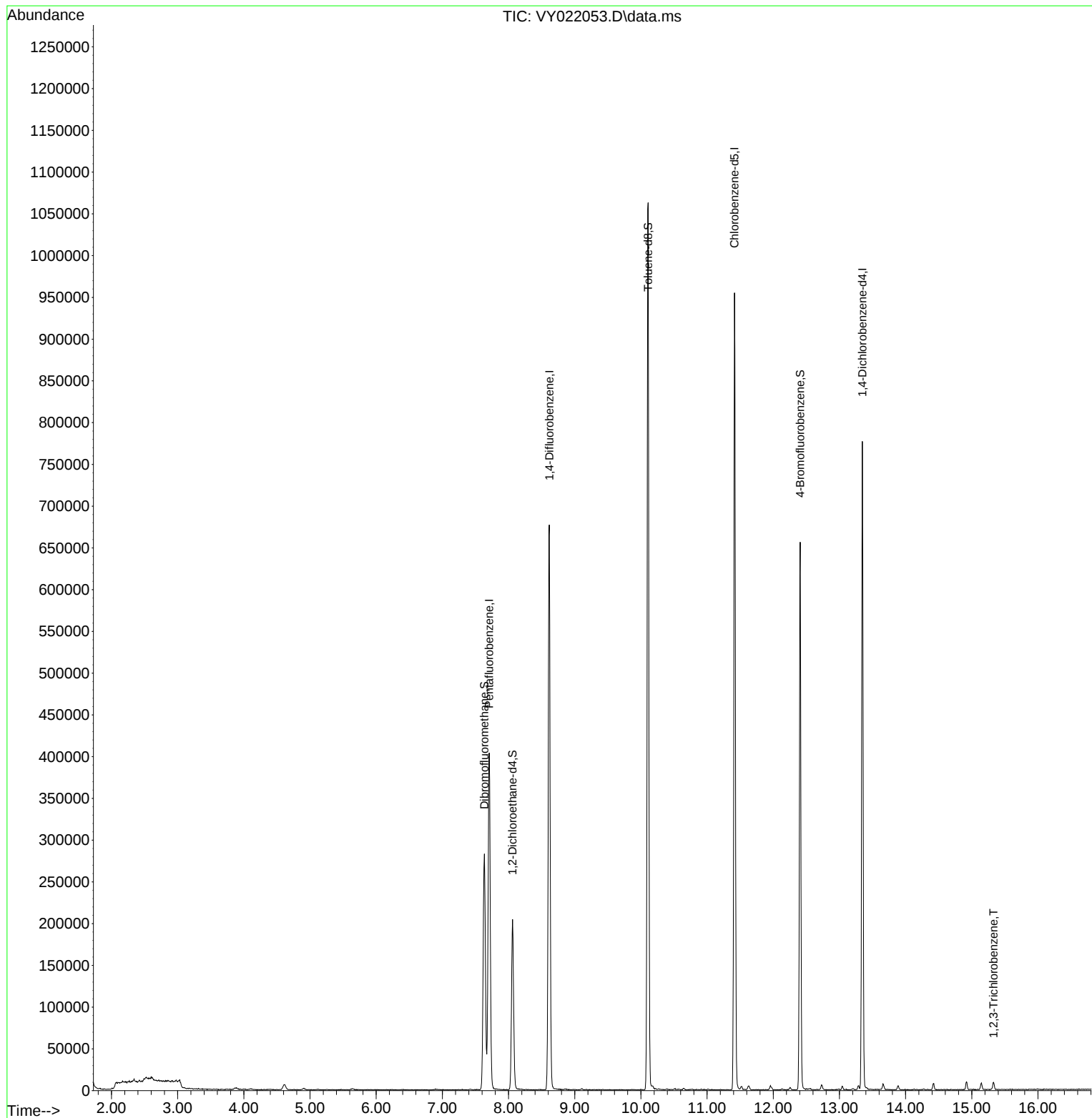
Internal Standards						
1) Pentafluorobenzene	7.707	168	318450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	610705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	534852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	200266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156935	53.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.634	113	203599	50.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.109	98	723434	47.561	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.120%	
62) 4-Bromofluorobenzene	12.408	95	199837	39.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.060%	
Target Compounds						
96) 1,2,3-Trichlorobenzene	15.328	180	3154	1.077	ug/l	Qvalue 96

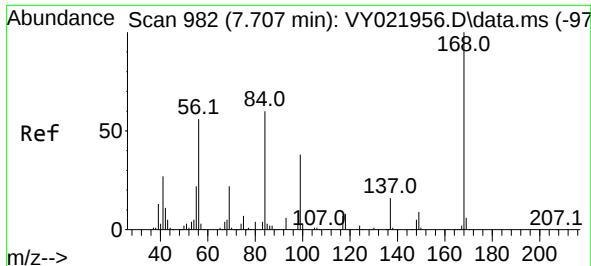
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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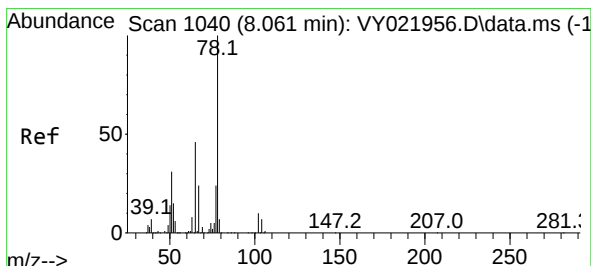
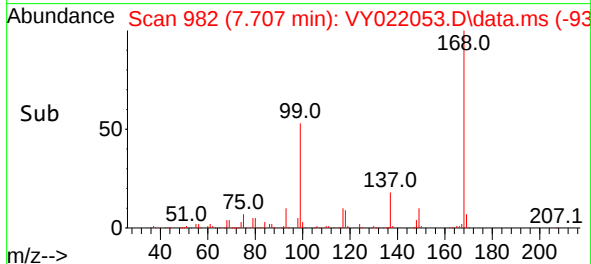
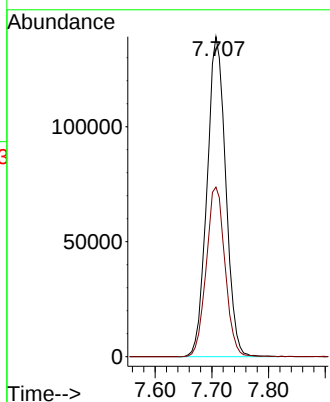
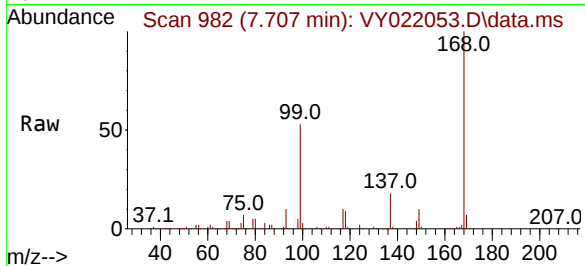




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022053.D
Acq: 29 Apr 2025 13:55

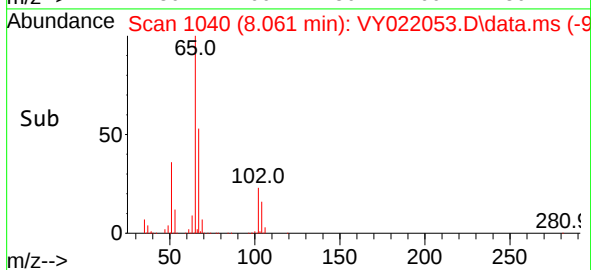
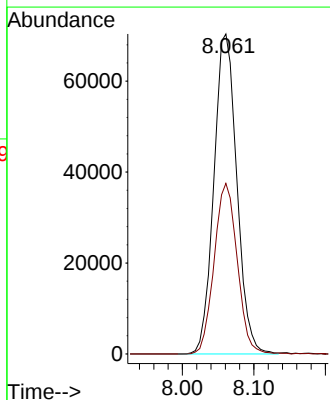
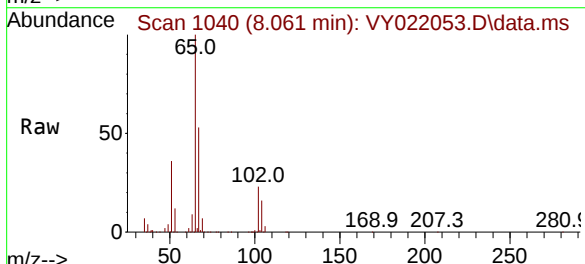
Instrument :
MSVOA_Y
ClientSampleId :
MH-G-VOC

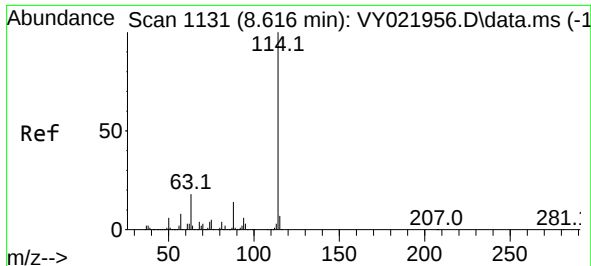
Tgt Ion:168 Resp: 318450
Ion Ratio Lower Upper
168 100
99 53.0 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 53.353 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022053.D
Acq: 29 Apr 2025 13:55

Tgt Ion: 65 Resp: 156935
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8

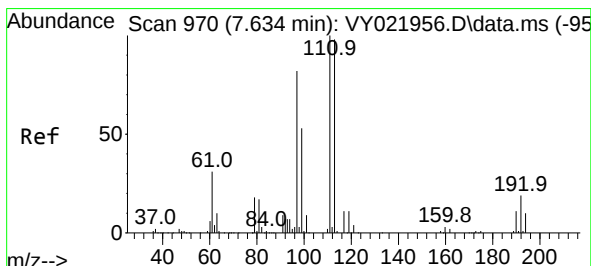
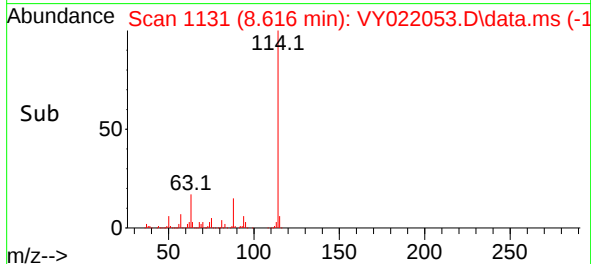
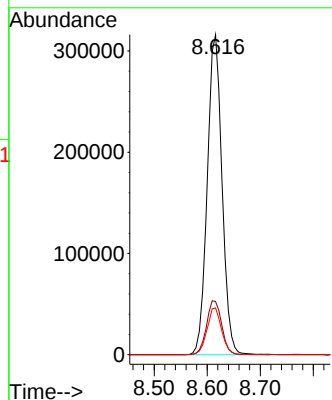
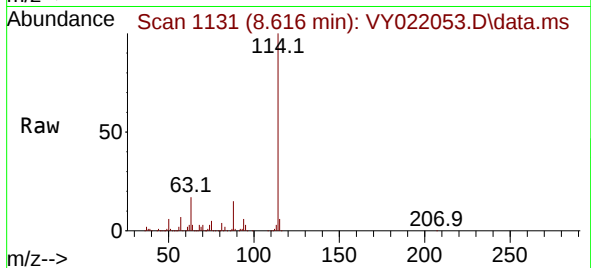




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022053.D
Acq: 29 Apr 2025 13:55

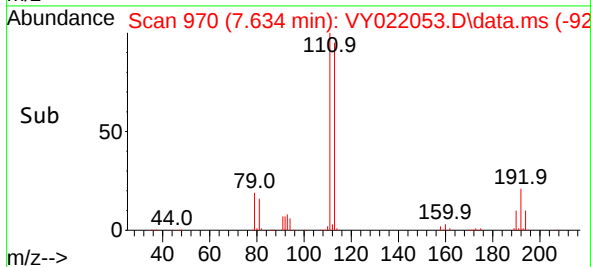
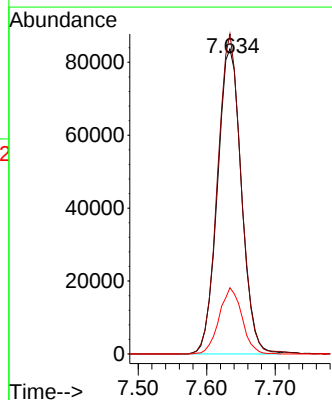
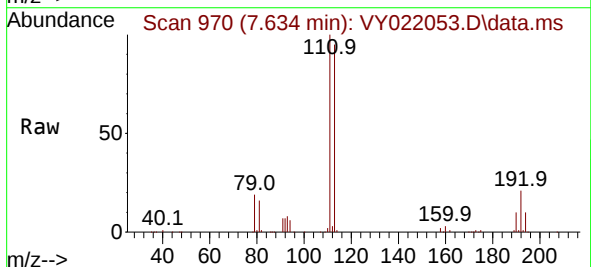
Instrument :
MSVOA_Y
ClientSampleId :
MH-G-VOC

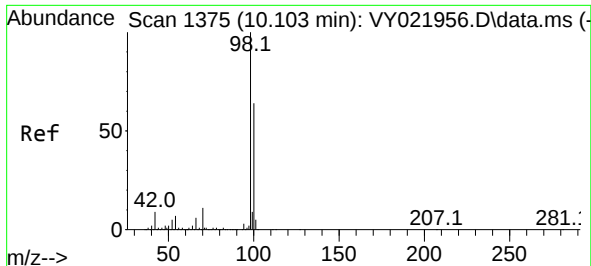
Tgt Ion:114 Resp: 610705
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.4
88 14.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.463 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022053.D
Acq: 29 Apr 2025 13:55

Tgt Ion:113 Resp: 203599
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 20.6 15.6 23.4

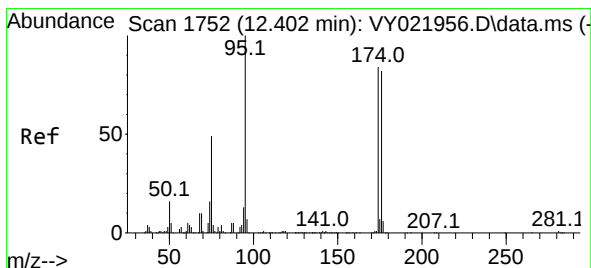
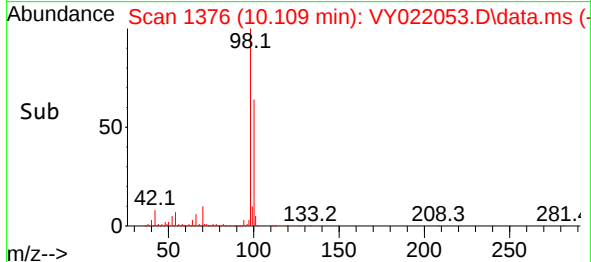
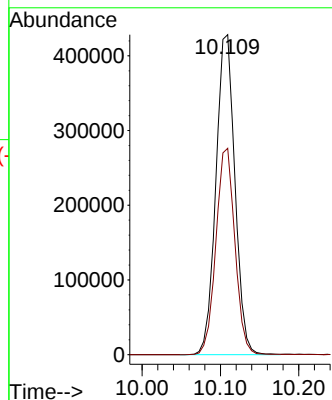
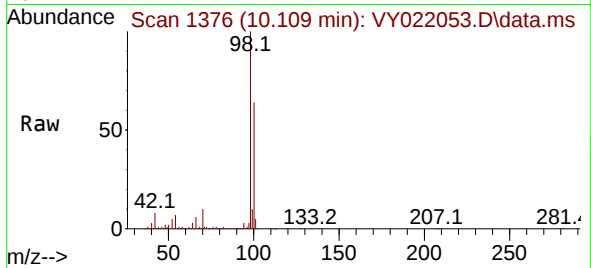




#50
Toluene-d8
Concen: 47.561 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022053.D
Acq: 29 Apr 2025 13:55

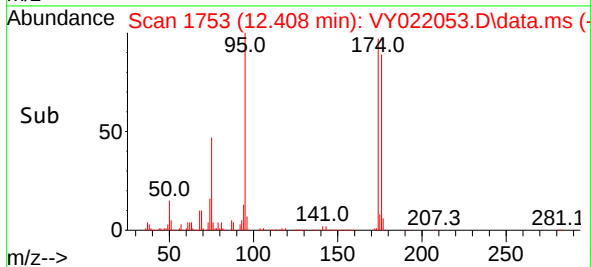
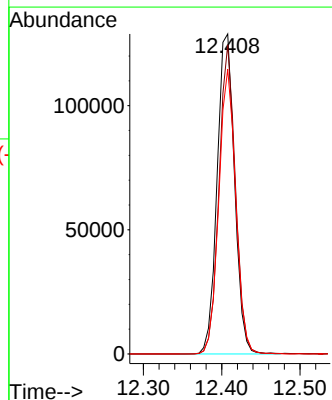
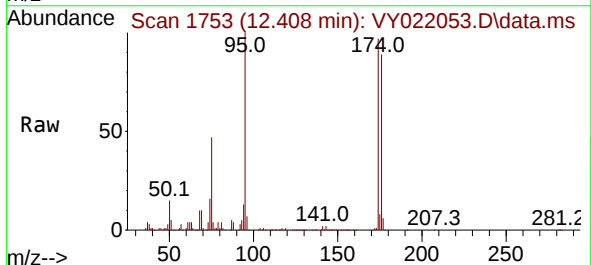
Instrument :
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ClientSampleId :
MH-G-VOC

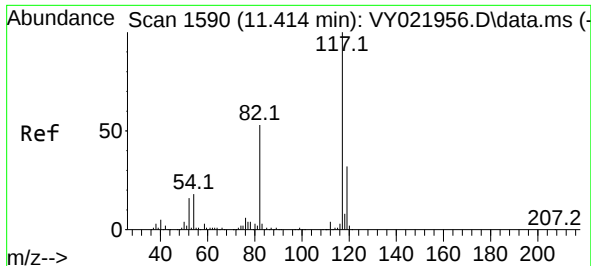
Tgt Ion: 98 Resp: 723434
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.027 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022053.D
Acq: 29 Apr 2025 13:55

Tgt Ion: 95 Resp: 199837
Ion Ratio Lower Upper
95 100
174 91.3 0.0 179.0
176 86.6 0.0 171.8

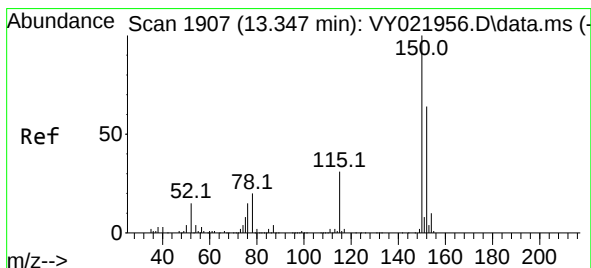
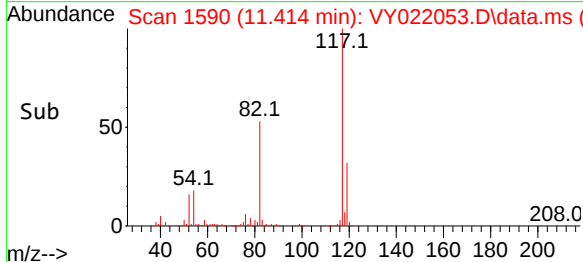
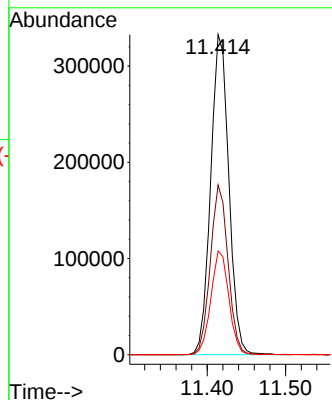
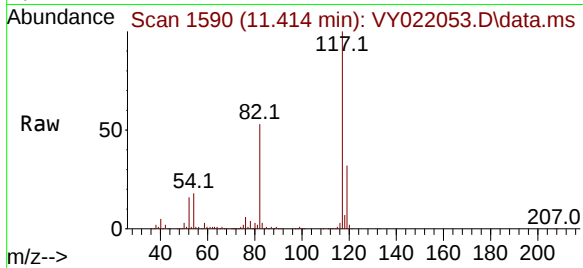




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022053.D
Acq: 29 Apr 2025 13:55

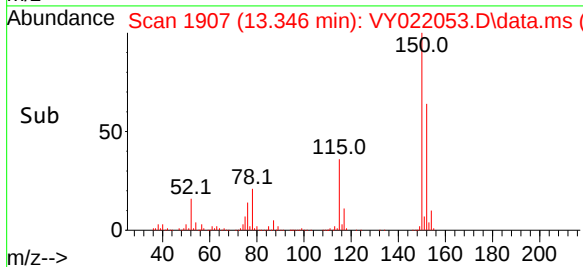
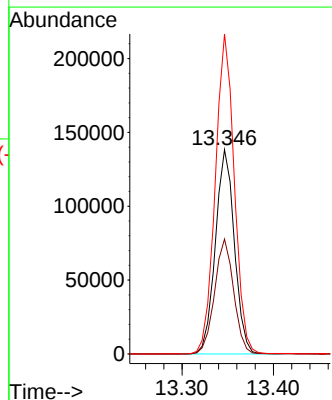
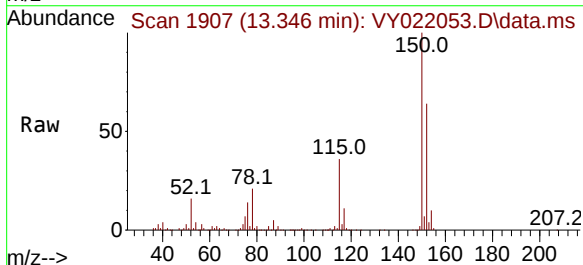
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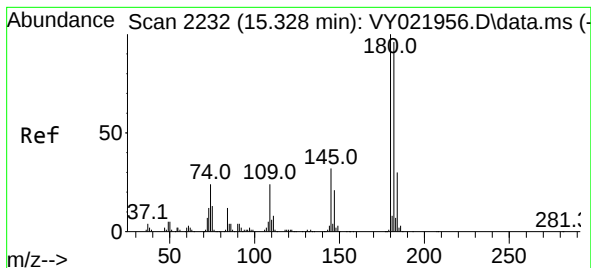
Tgt Ion:117 Resp: 534852
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022053.D
Acq: 29 Apr 2025 13:55

Tgt Ion:152 Resp: 200266
Ion Ratio Lower Upper
152 100
115 56.4 28.0 84.0
150 156.4 0.0 345.6





#96

1,2,3-Trichlorobenzene

Concen: 1.077 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022053.D

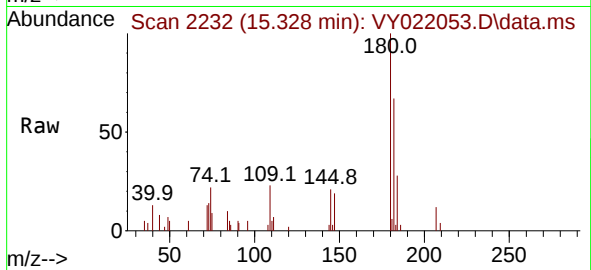
Acq: 29 Apr 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

MH-G-VOC



Tgt Ion:180 Resp: 3154

Ion Ratio Lower Upper

180 100

182 91.6 48.1 144.4

145 33.4 16.0 48.0

