

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021838.D
 Acq On : 10 Apr 2025 15:13
 Operator : SY/MD
 Sample : Q1749-03
 Misc : 4.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-VOC

Quant Time: Apr 11 01:51:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	216628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	400722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	345662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126403	53.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.700%
35) Dibromofluoromethane	7.634	113	132254	50.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.760%
50) Toluene-d8	10.109	98	485704	49.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.408	95	132243	39.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.080%

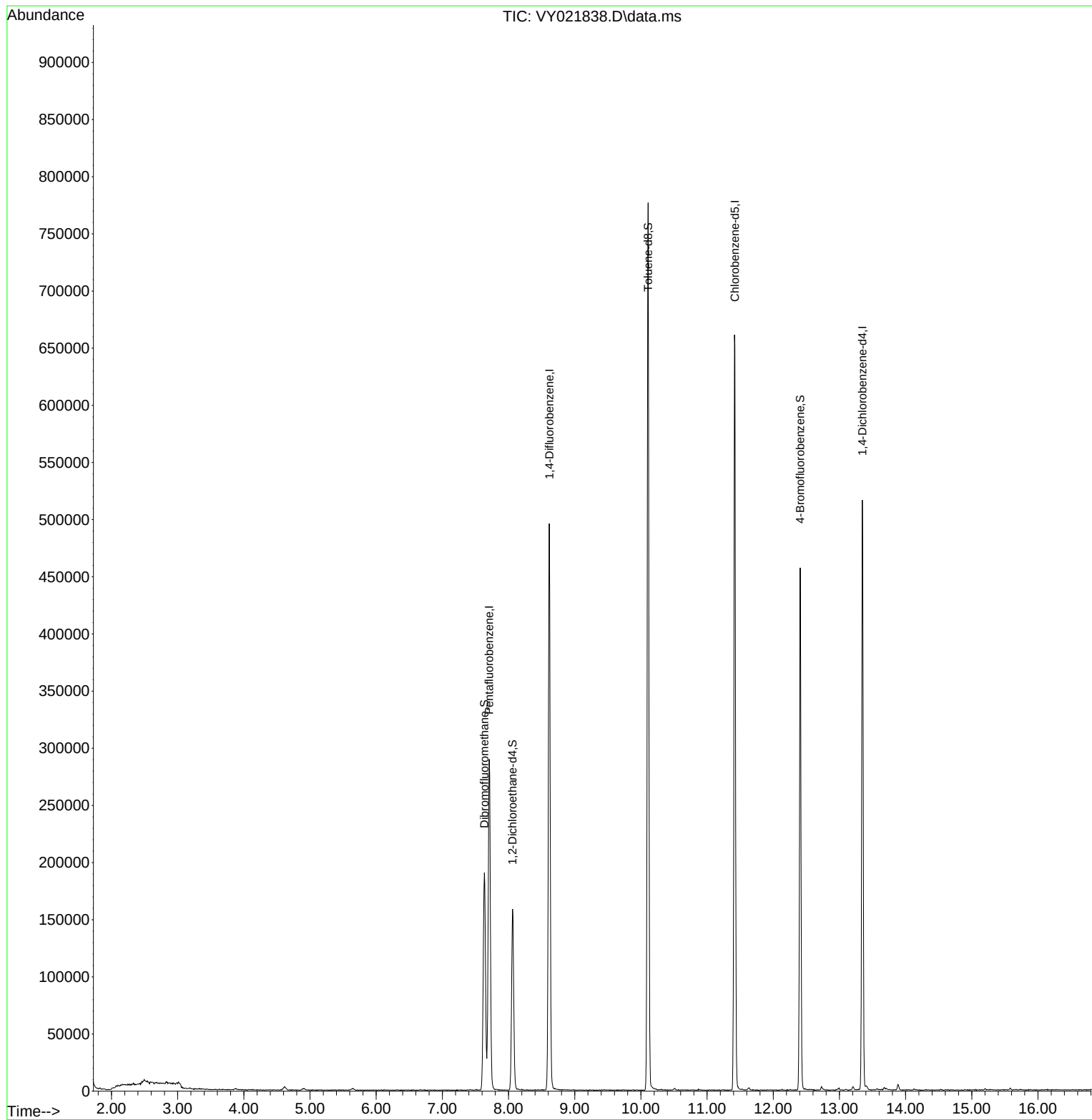
Target Compounds	Qvalue

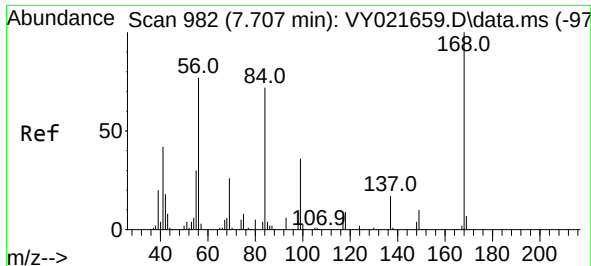
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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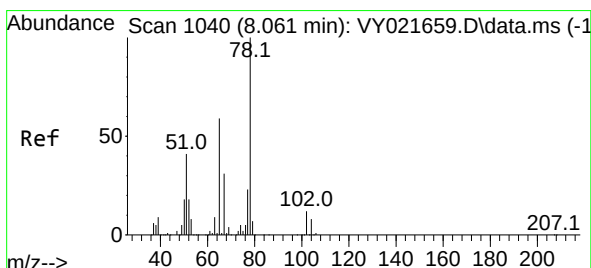
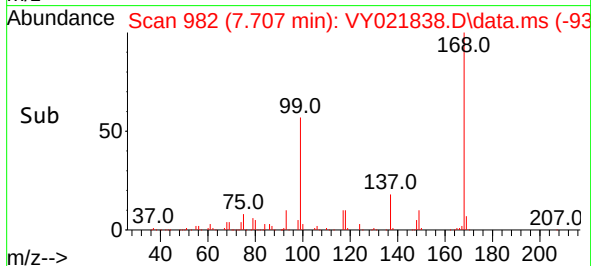
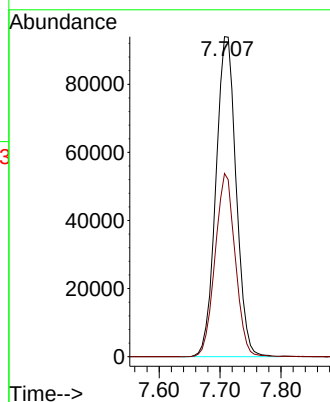
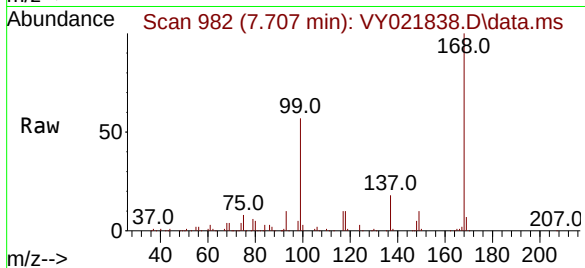




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021838.D
Acq: 10 Apr 2025 15:13

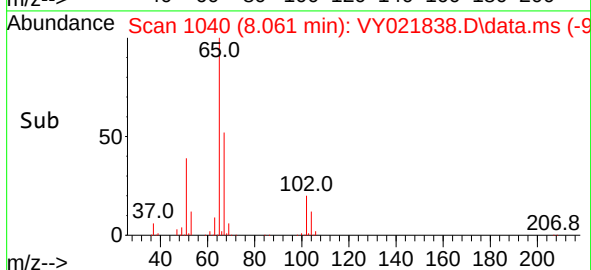
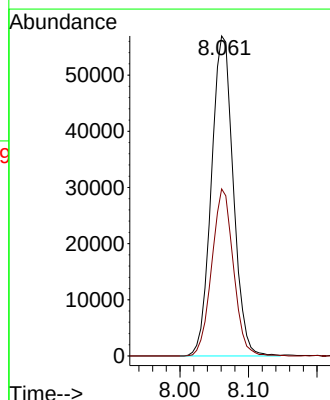
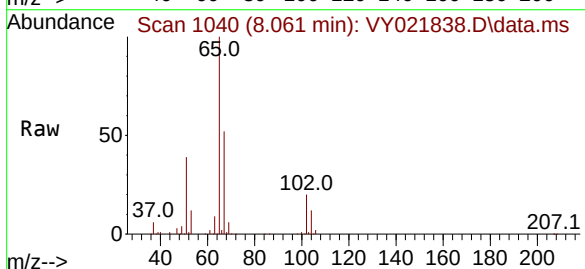
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOC

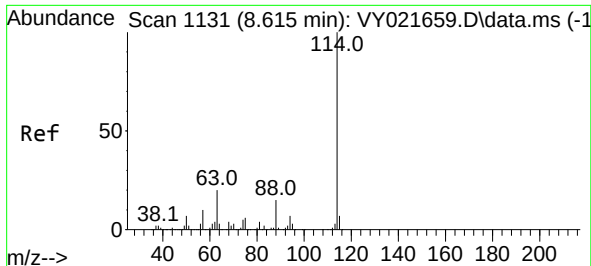
Tgt Ion:168 Resp: 216628
Ion Ratio Lower Upper
168 100
99 57.2 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 53.855 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021838.D
Acq: 10 Apr 2025 15:13

Tgt Ion: 65 Resp: 126403
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6

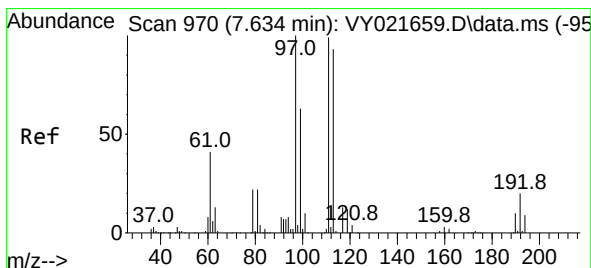
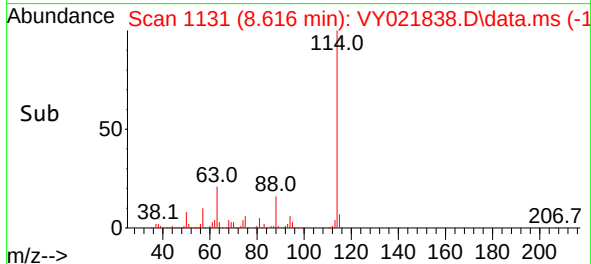
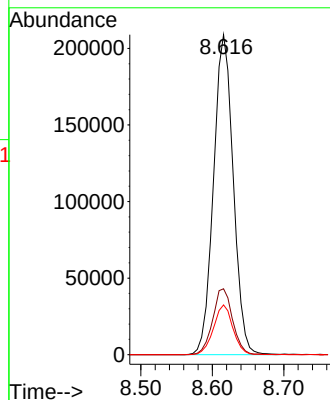
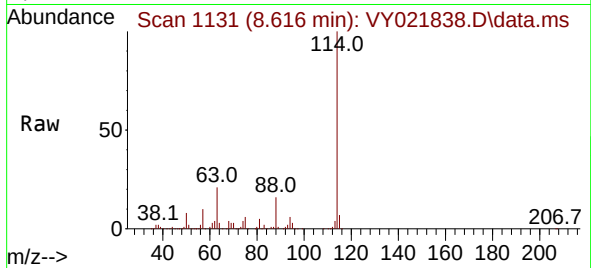




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021838.D
 Acq: 10 Apr 2025 15:13

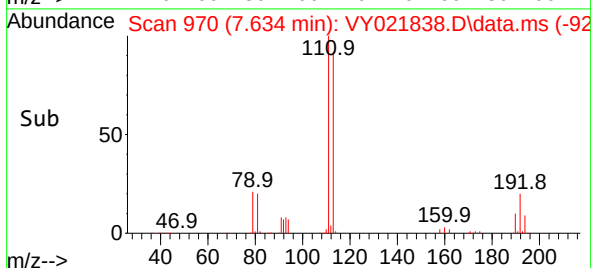
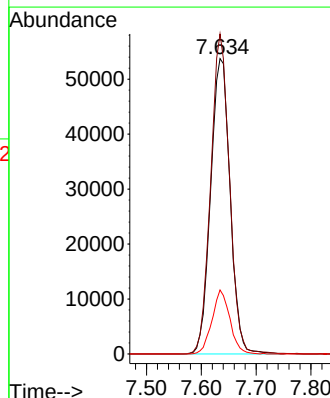
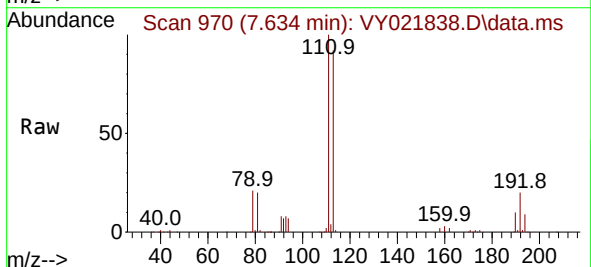
Instrument :
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 TP-14-VOC

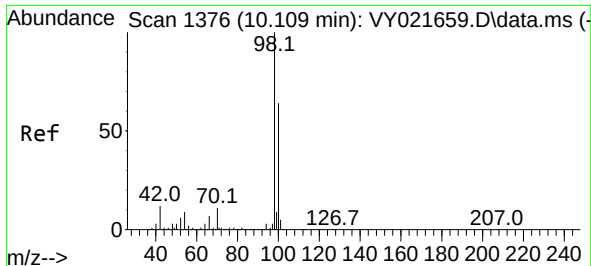
Tgt Ion:114 Resp: 400722
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.2
 88 15.6 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 50.878 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY021838.D
 Acq: 10 Apr 2025 15:13

Tgt Ion:113 Resp: 132254
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.6 123.8
 192 19.9 16.2 24.4

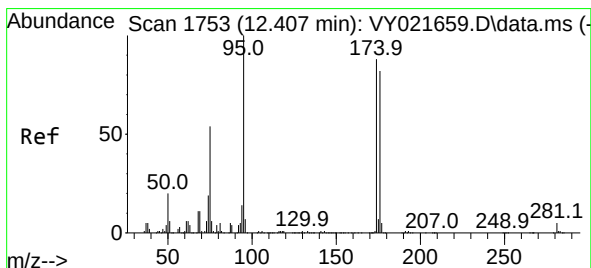
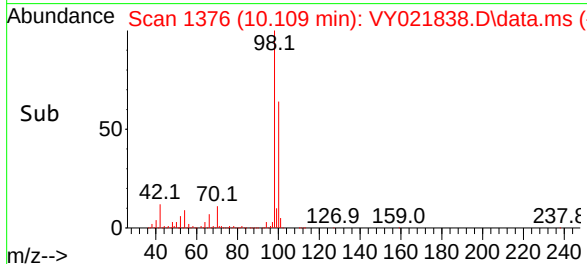
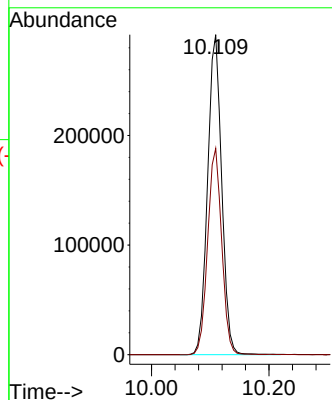
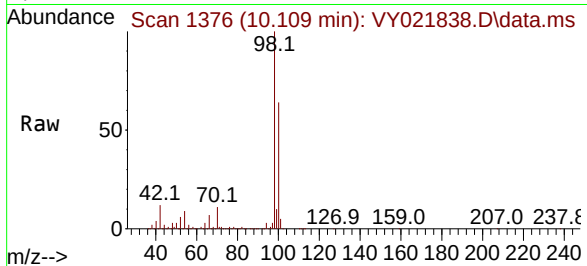




#50
Toluene-d8
Concen: 49.116 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021838.D
Acq: 10 Apr 2025 15:13

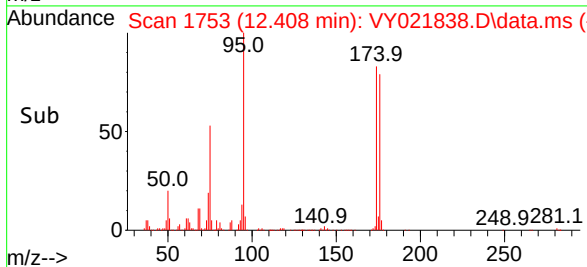
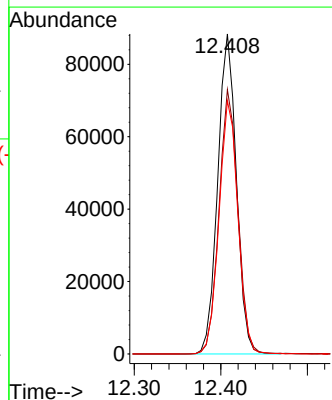
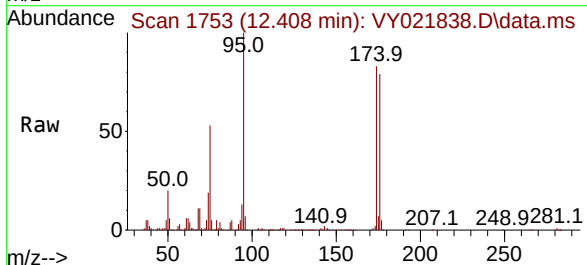
Instrument :
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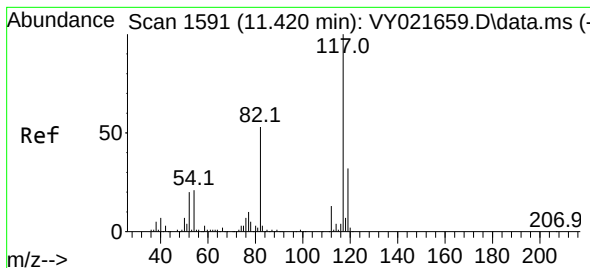
Tgt Ion: 98 Resp: 485704
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.536 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021838.D
Acq: 10 Apr 2025 15:13

Tgt Ion: 95 Resp: 132243
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.8
176 80.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021838.D

Acq: 10 Apr 2025 15:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-VOC

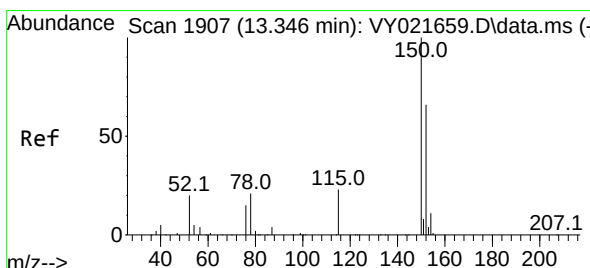
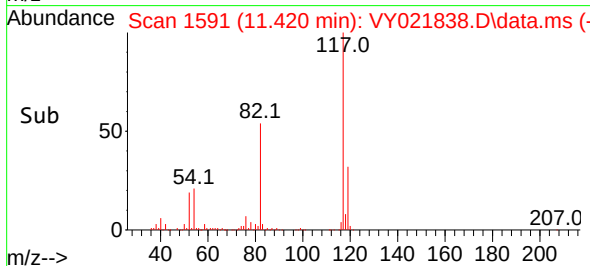
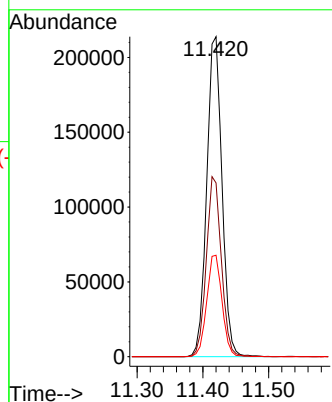
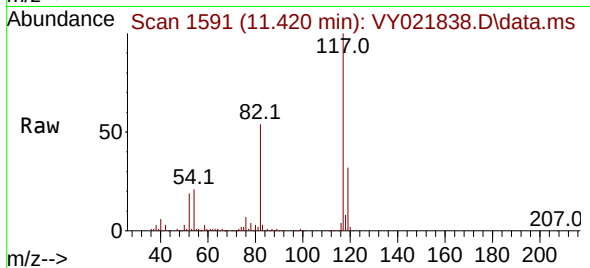
Tgt Ion:117 Resp: 345662

Ion Ratio Lower Upper

117 100

82 54.3 42.8 64.2

119 31.7 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: VY021838.D

Acq: 10 Apr 2025 15:13

Tgt Ion:152 Resp: 127095

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.7 0.0 348.4

