

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022039.D
 Acq On : 28 Apr 2025 18:12
 Operator : SY/MD
 Sample : Q1900-07
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Apr 29 03:55:51 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	308159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	592218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	518914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	193011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152152	53.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.900%
35) Dibromofluoromethane	7.634	113	195889	50.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.103	98	702425	47.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.402	95	194508	39.172	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.340%

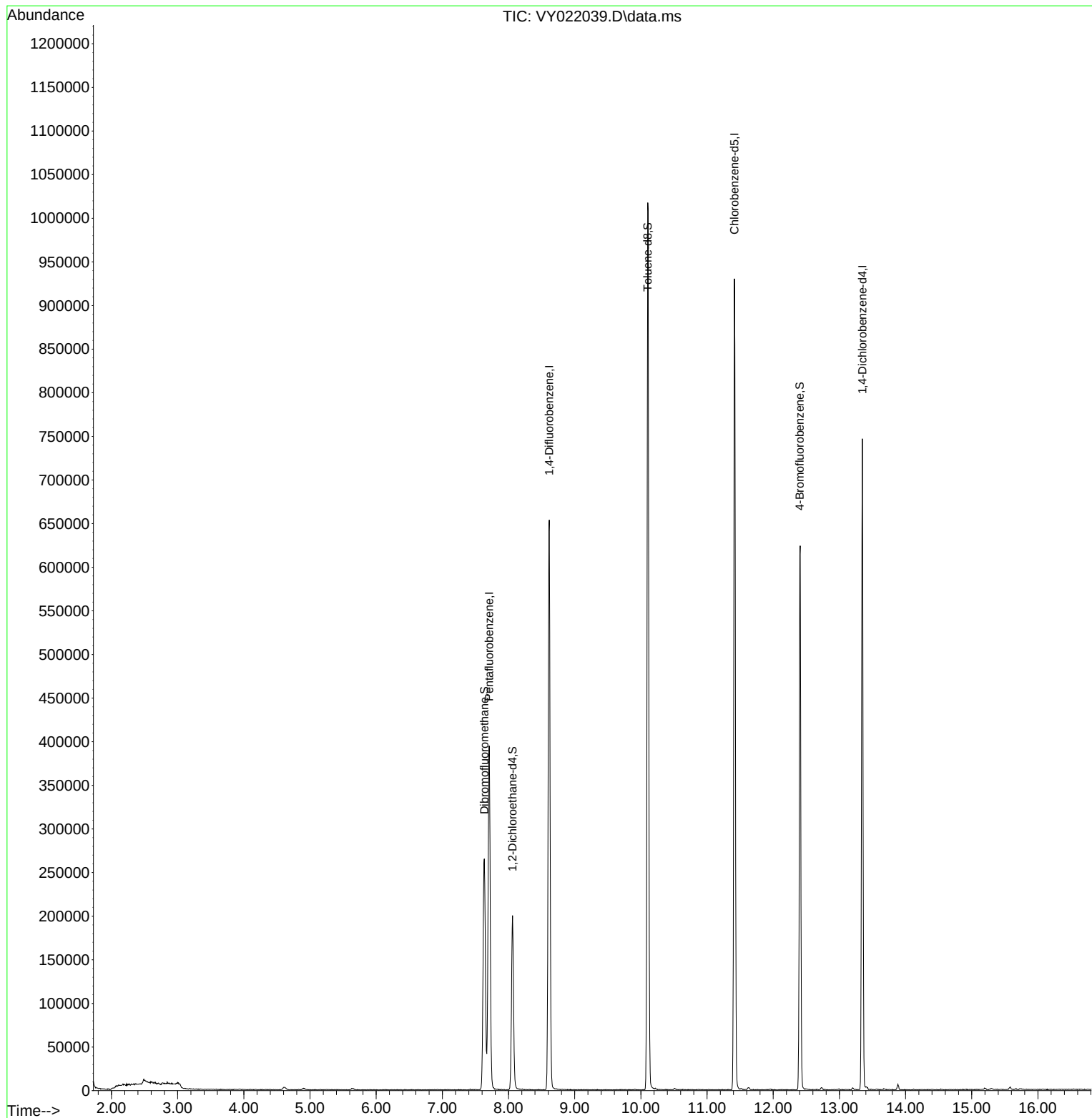
Target Compounds	Qvalue

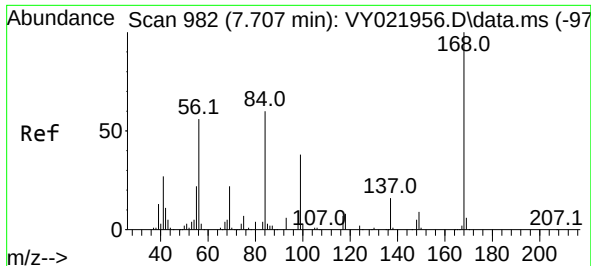
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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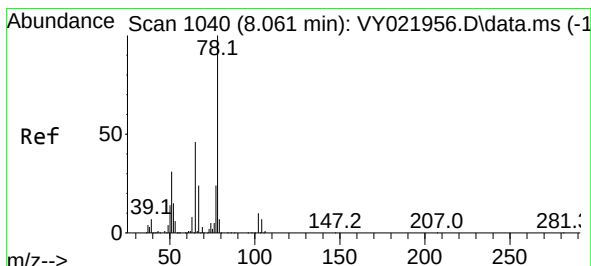
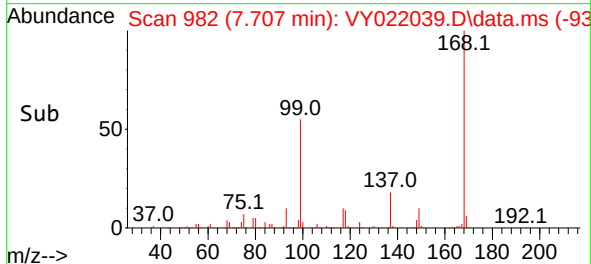
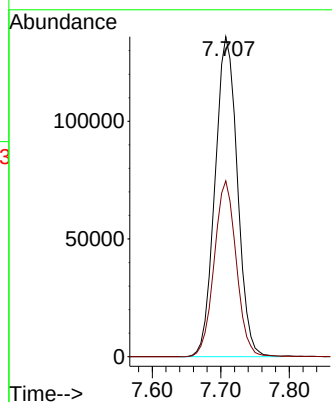
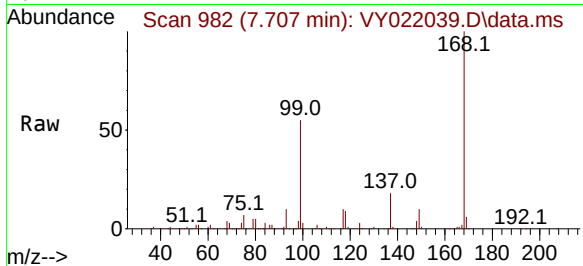




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022039.D
Acq: 28 Apr 2025 18:12

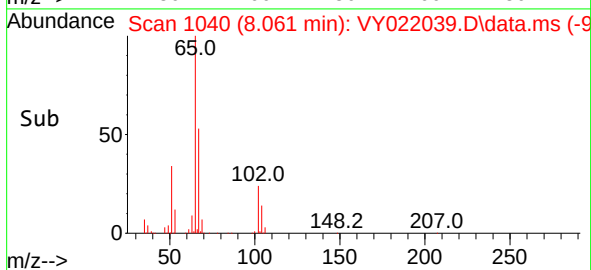
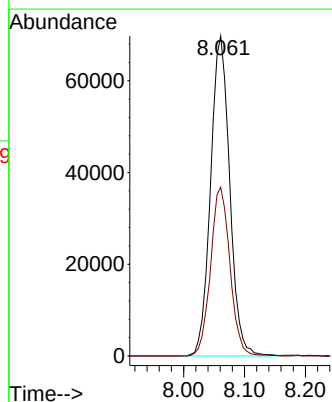
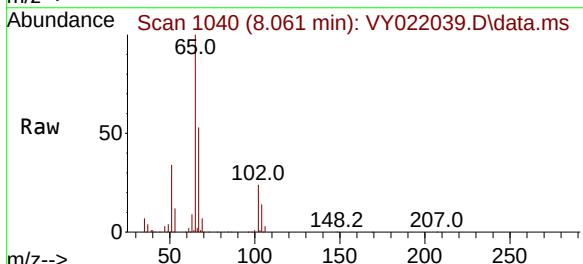
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

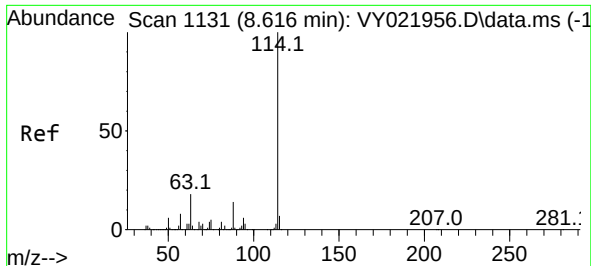
Tgt Ion:168 Resp: 308159
Ion Ratio Lower Upper
168 100
99 54.9 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 53.454 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022039.D
Acq: 28 Apr 2025 18:12

Tgt Ion: 65 Resp: 152152
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8

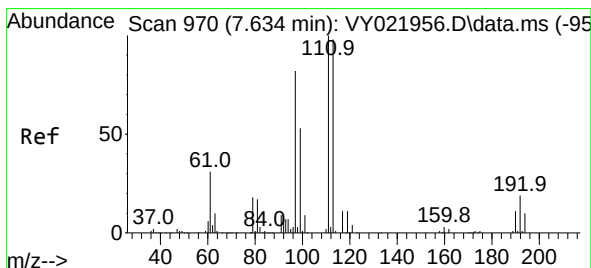
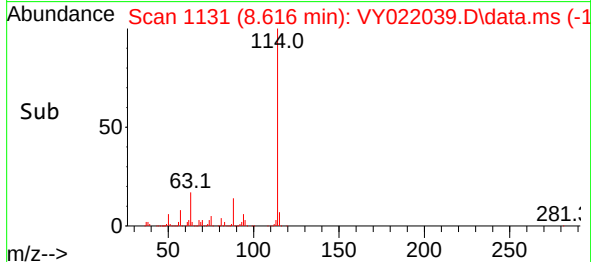
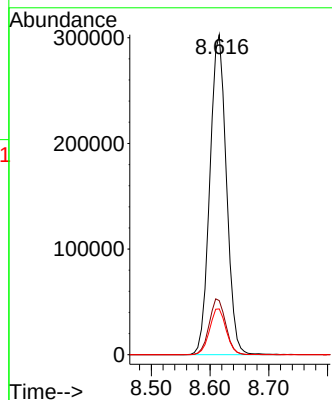
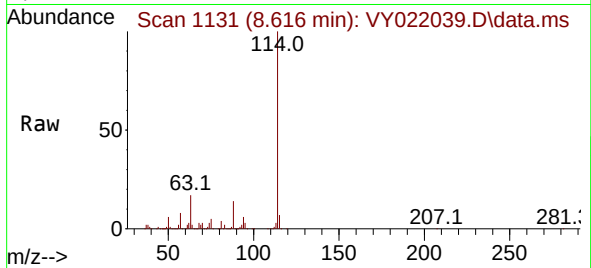




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022039.D
Acq: 28 Apr 2025 18:12

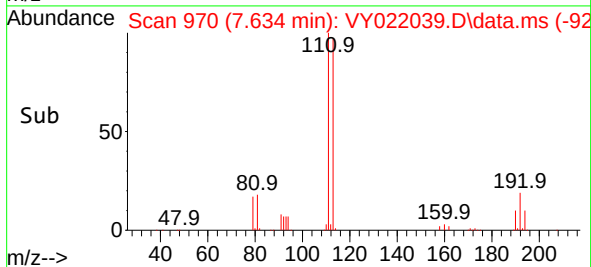
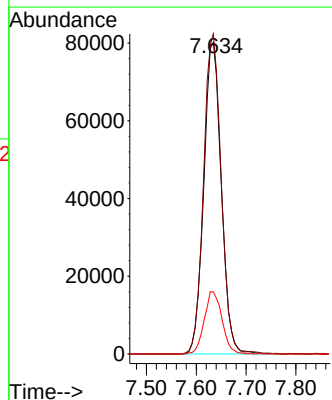
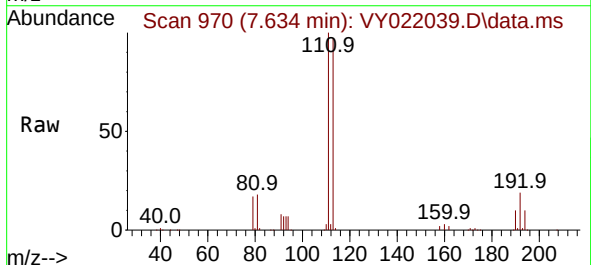
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

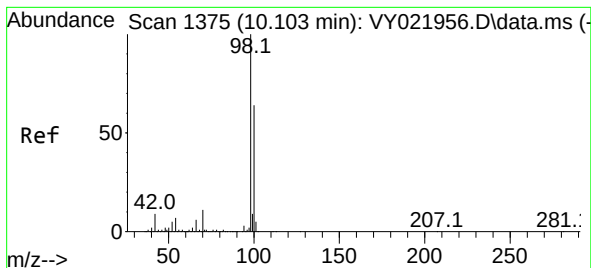
Tgt Ion:114 Resp: 592218
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.4
88 14.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.067 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022039.D
Acq: 28 Apr 2025 18:12

Tgt Ion:113 Resp: 195889
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 20.2 15.6 23.4





#50

Toluene-d8

Concen: 47.622 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022039.D

Acq: 28 Apr 2025 18:12

Instrument :

MSVOA_Y

ClientSampleId :

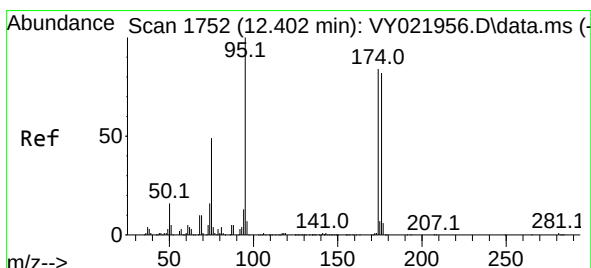
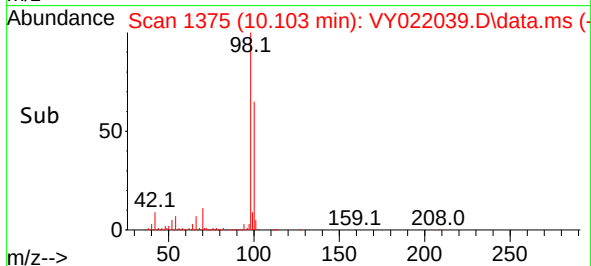
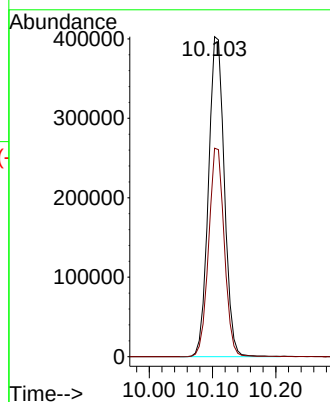
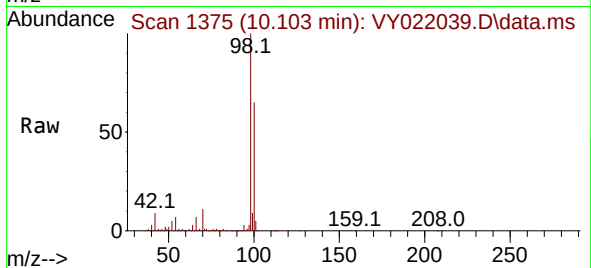
WC-2-VOC

Tgt Ion: 98 Resp: 702425

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 39.172 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY022039.D

Acq: 28 Apr 2025 18:12

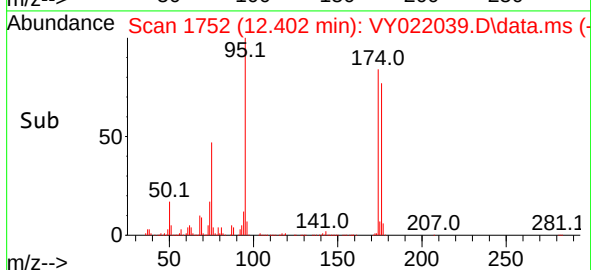
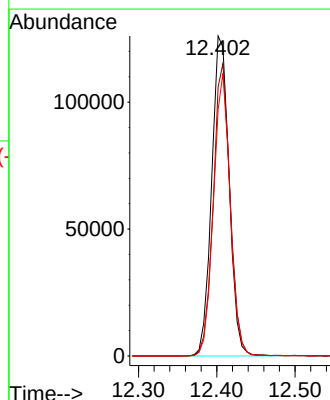
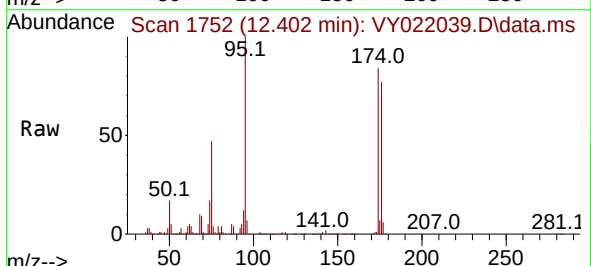
Tgt Ion: 95 Resp: 194508

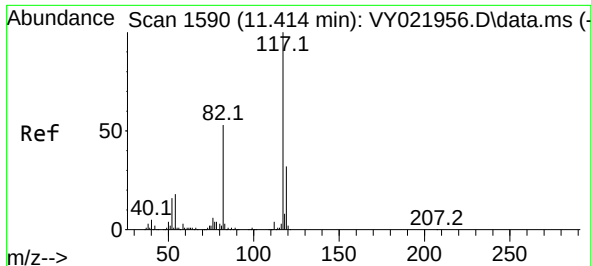
Ion Ratio Lower Upper

95 100

174 88.7 0.0 179.0

176 84.7 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: VY022039.D

Acq: 28 Apr 2025 18:12

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

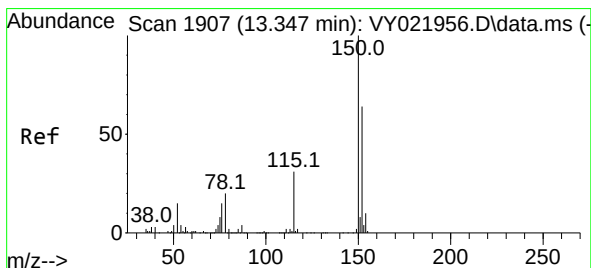
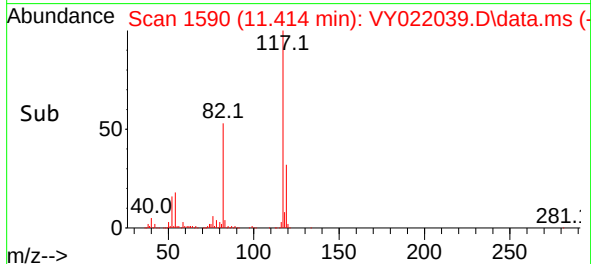
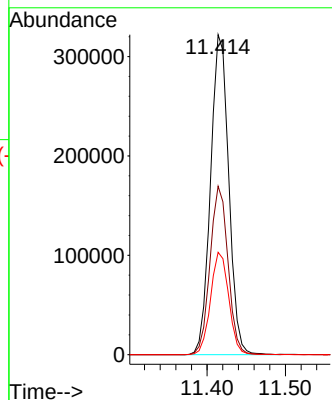
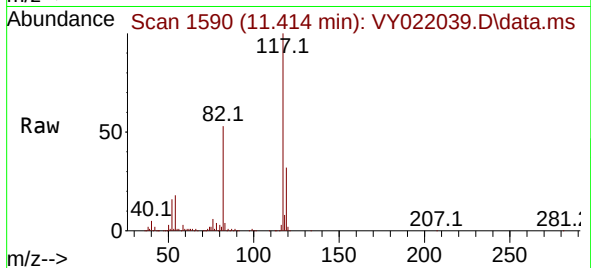
Tgt Ion:117 Resp: 518914

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

119 32.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022039.D

Acq: 28 Apr 2025 18:12

Tgt Ion:152 Resp: 193011

Ion Ratio Lower Upper

152 100

115 57.1 28.0 84.0

150 156.9 0.0 345.6

