

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021824.D
 Acq On : 09 Apr 2025 17:11
 Operator : SY/MD
 Sample : Q1753-07
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Apr 10 01:46:00 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	7.713	168	214630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	406487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	348974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132211	56.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.700%
35) Dibromofluoromethane	7.640	113	138858	52.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.320%
50) Toluene-d8	10.109	98	497734	49.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.408	95	135470	39.926	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.860%

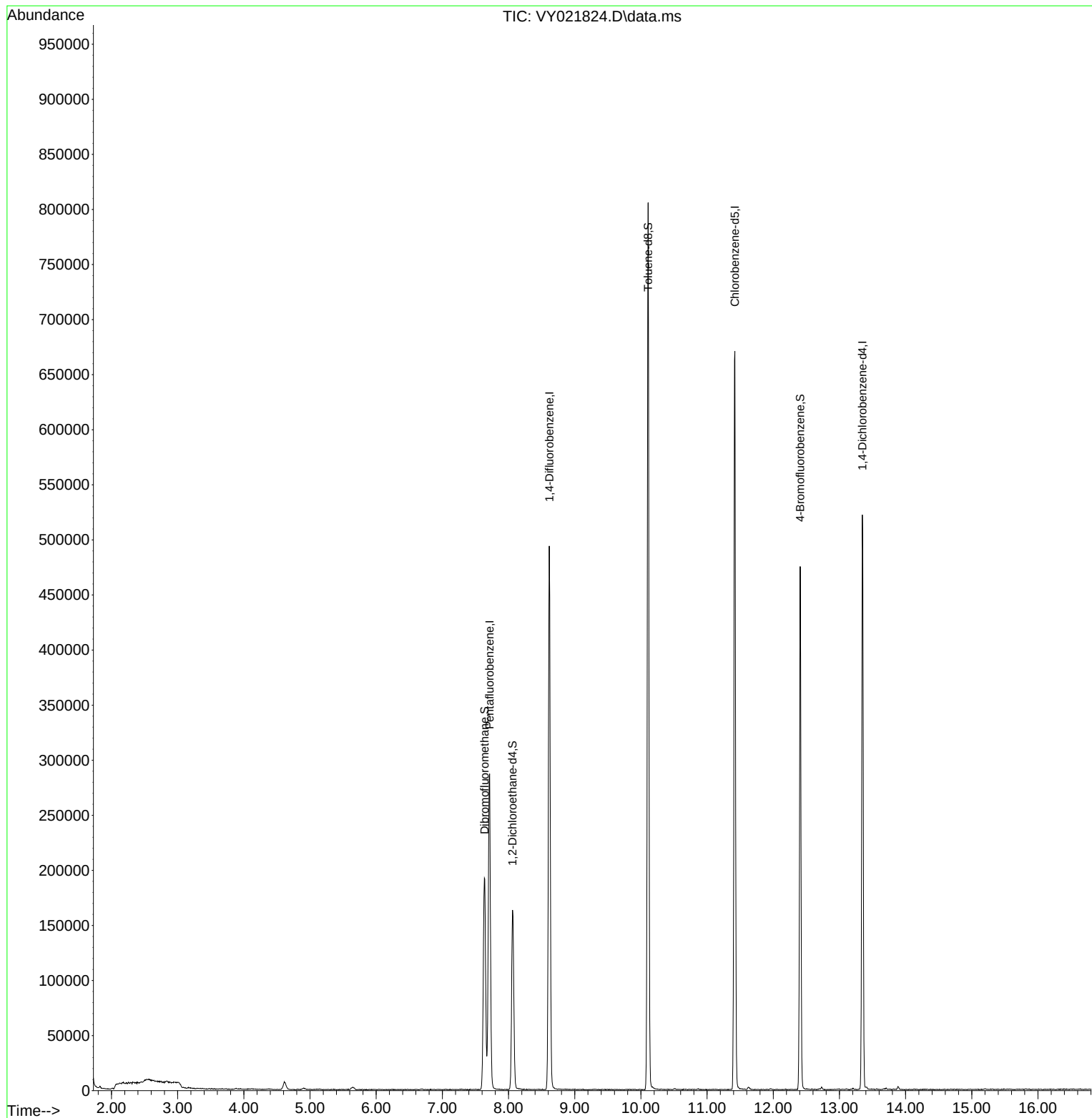
Target Compounds	Qvalue

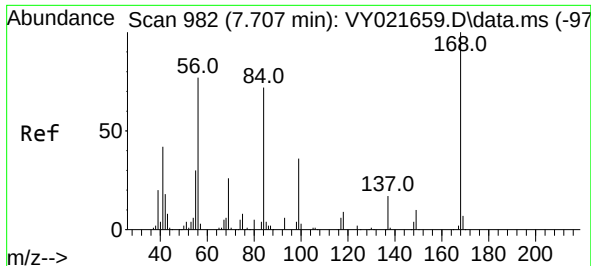
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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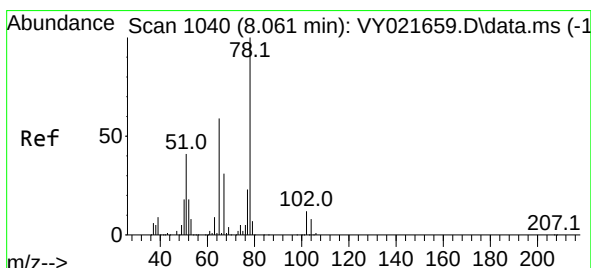
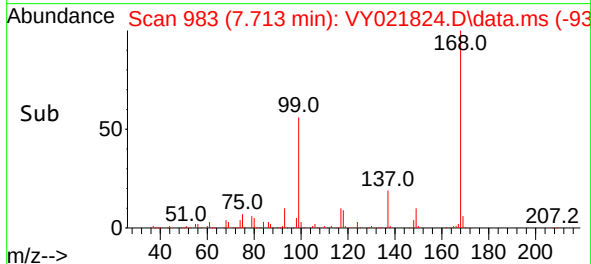
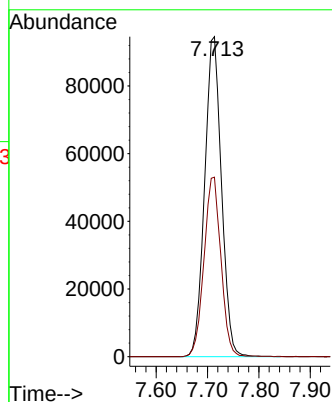
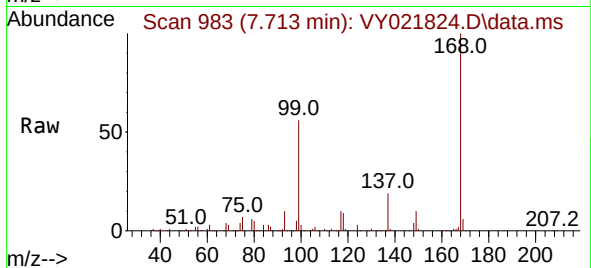




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

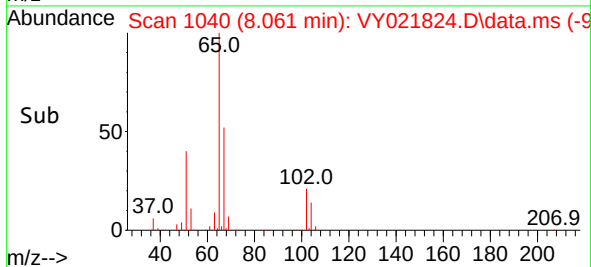
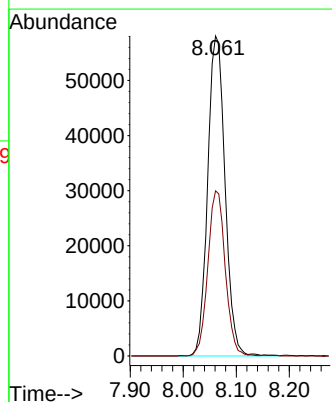
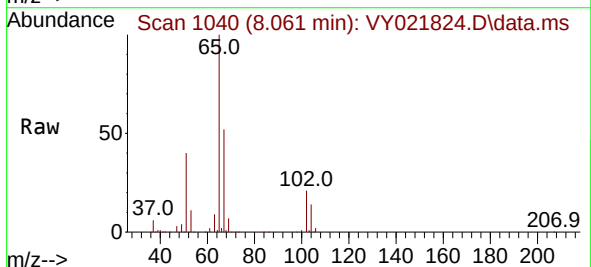
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

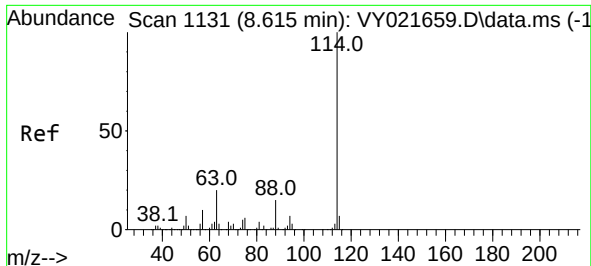
Tgt Ion:168 Resp: 214630
Ion Ratio Lower Upper
168 100
99 56.1 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 56.854 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

Tgt Ion: 65 Resp: 132211
Ion Ratio Lower Upper
65 100
67 51.7 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: VY021824.D

Acq: 09 Apr 2025 17:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

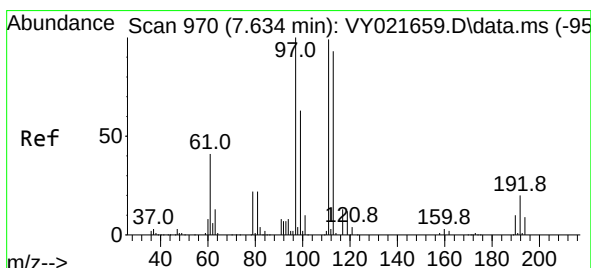
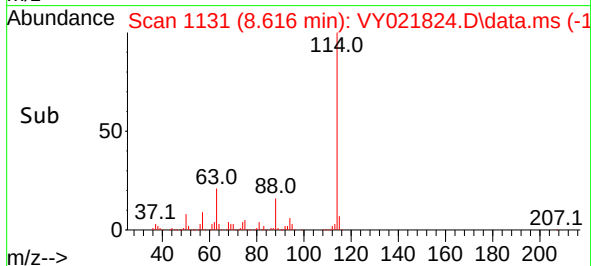
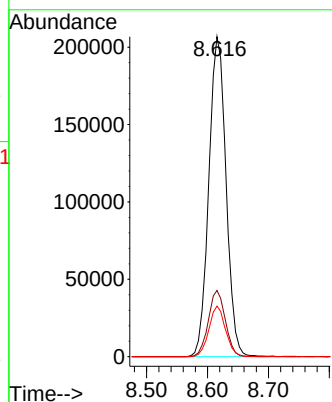
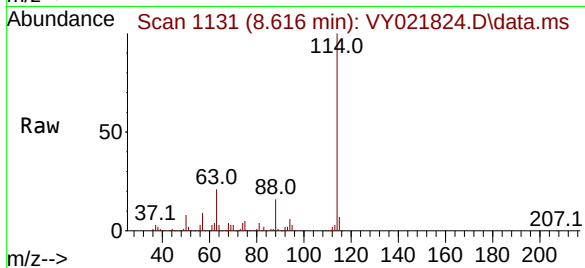
Tgt Ion:114 Resp: 406487

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.8 0.0 29.8



#35

Dibromofluoromethane

Concen: 52.661 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY021824.D

Acq: 09 Apr 2025 17:11

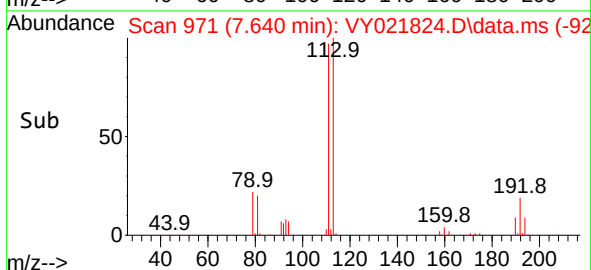
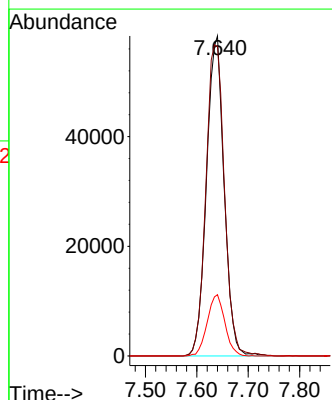
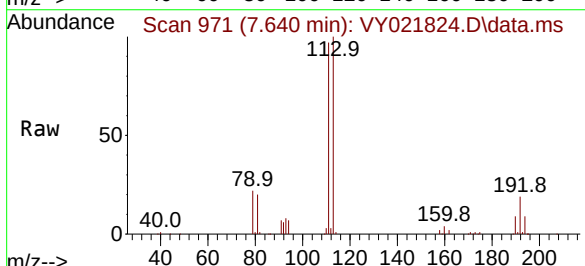
Tgt Ion:113 Resp: 138858

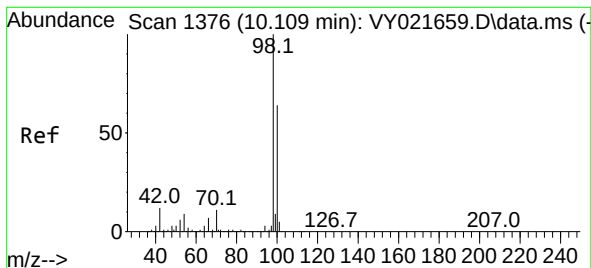
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 19.2 16.2 24.4

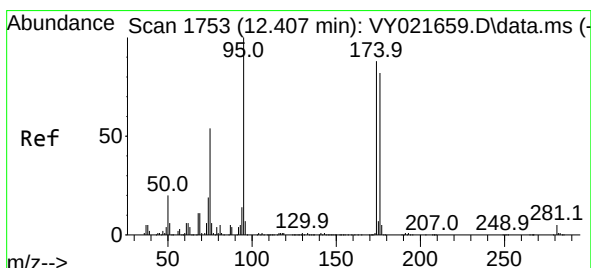
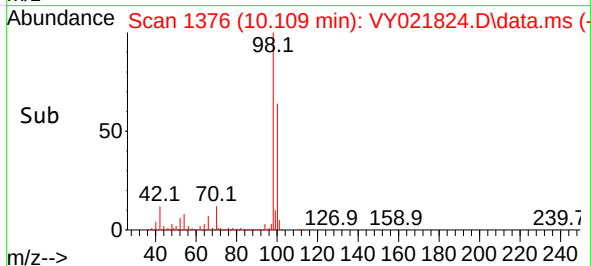
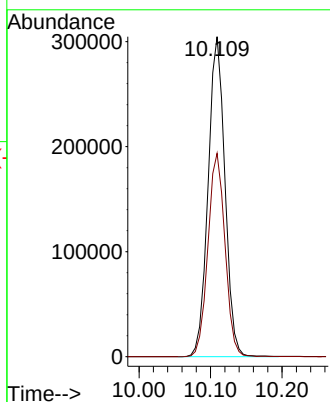
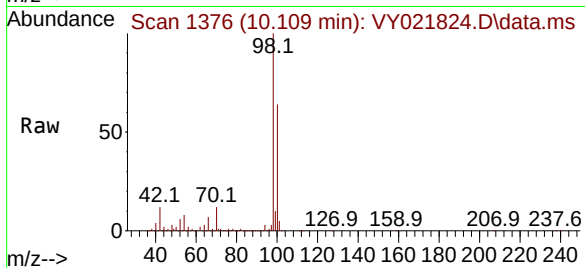




#50
Toluene-d8
Concen: 49.618 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

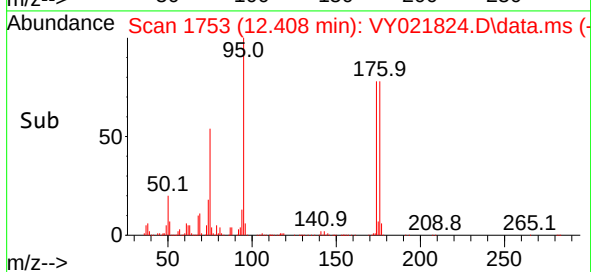
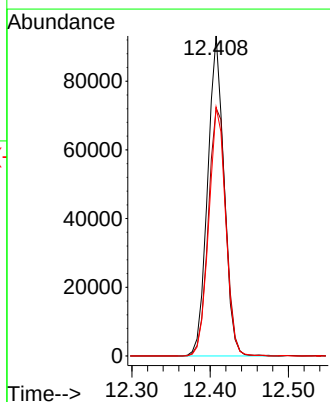
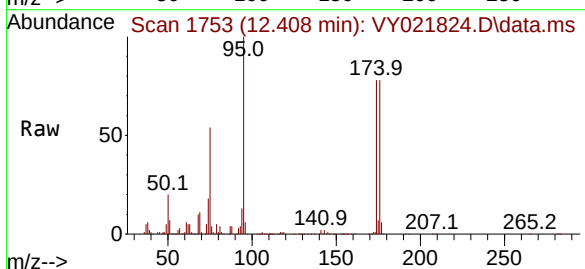
Instrument :
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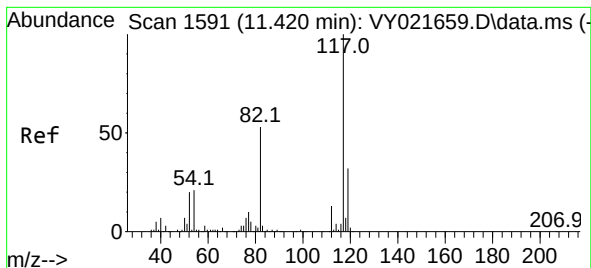
Tgt Ion: 98 Resp: 497734
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.926 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021824.D
Acq: 09 Apr 2025 17:11

Tgt Ion: 95 Resp: 135470
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.8
176 79.9 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: VY021824.D

Acq: 09 Apr 2025 17:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

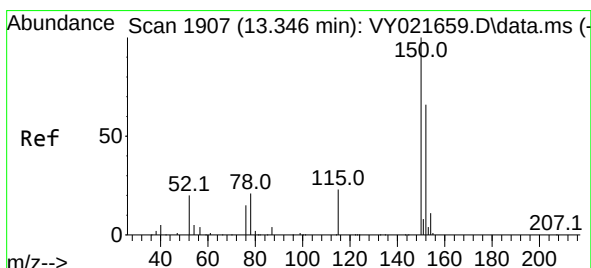
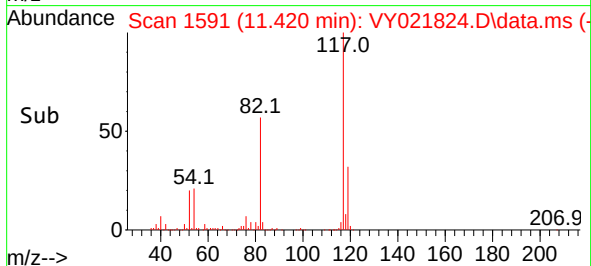
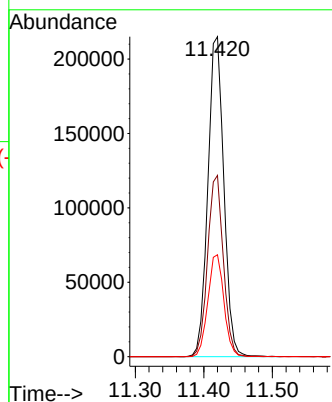
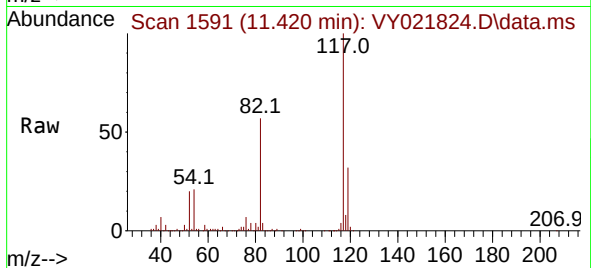
Tgt Ion:117 Resp: 348974

Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

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: VY021824.D

Acq: 09 Apr 2025 17:11

Tgt Ion:152 Resp: 129824

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 157.3 0.0 348.4

