

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021158.D
 Acq On : 10 Feb 2025 16:46
 Operator : SY/MD
 Sample : Q1343-07
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-10-VOC

Quant Time: Feb 11 00:31:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	43829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	76743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	66592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	23595	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	25028	55.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.460%
35) Dibromofluoromethane	7.640	113	26817	54.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.060%
50) Toluene-d8	10.109	98	92174	49.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.408	95	25649	41.931	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.860%

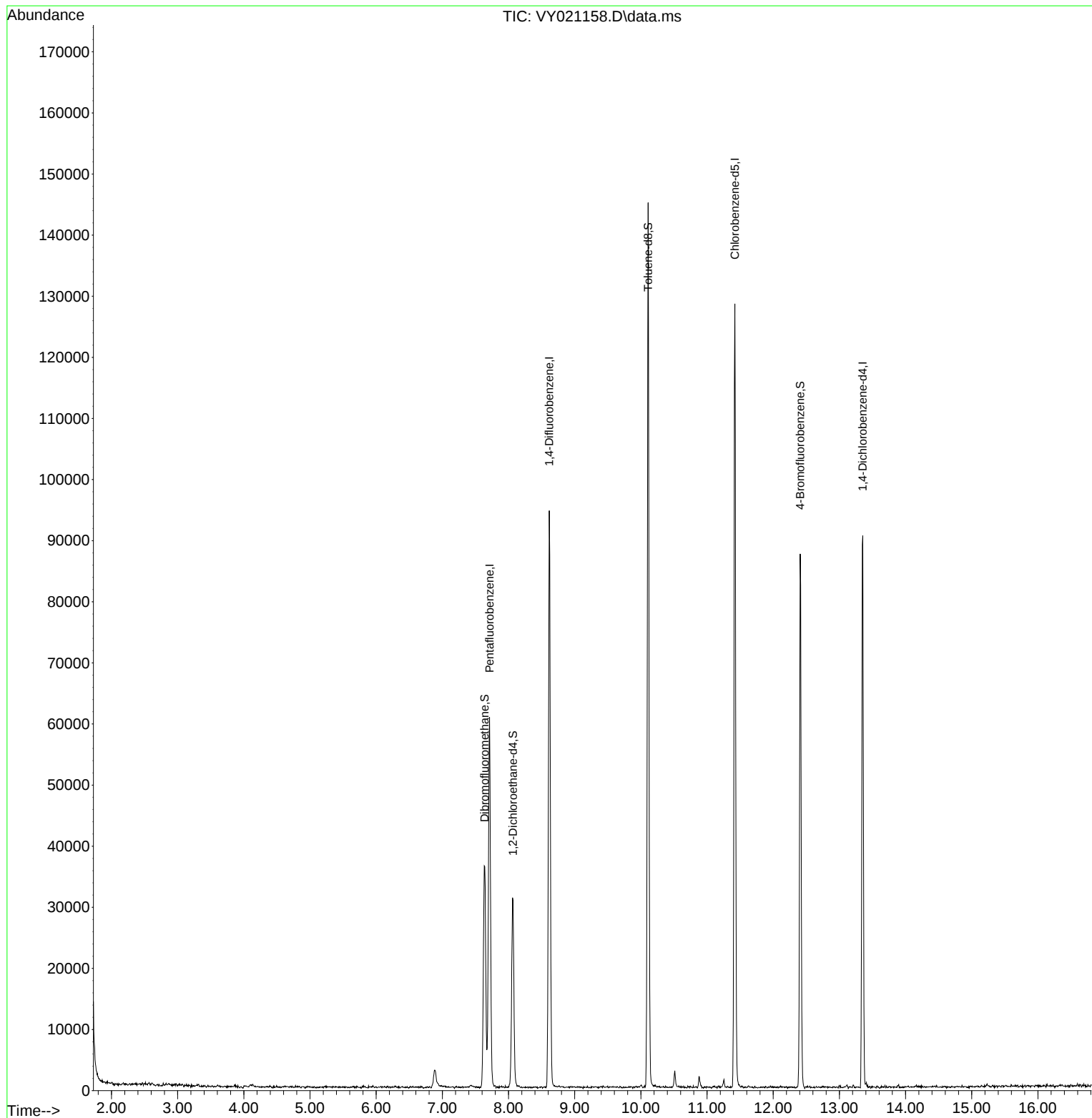
Target Compounds	Qvalue

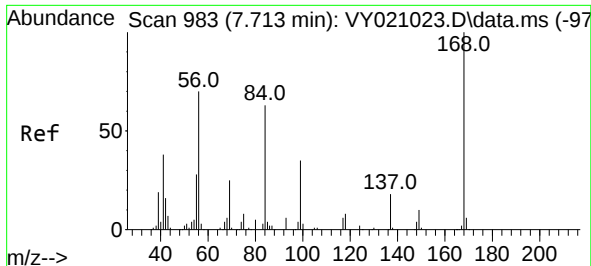
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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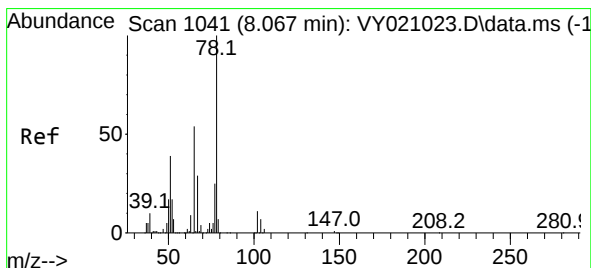
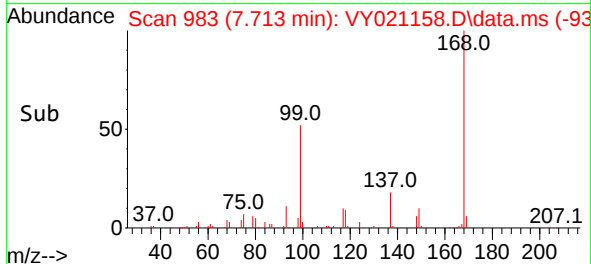
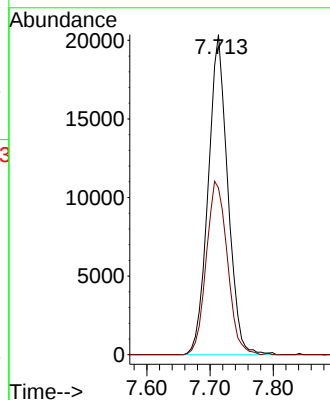
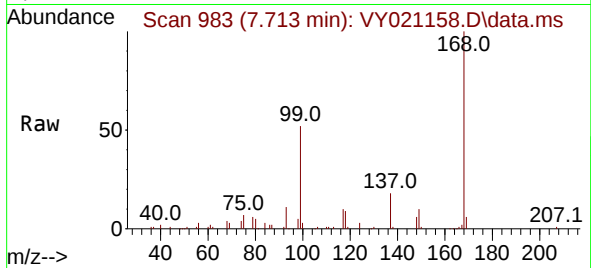




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

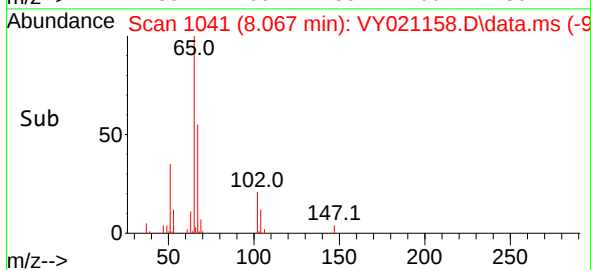
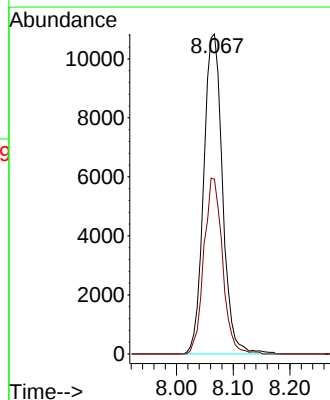
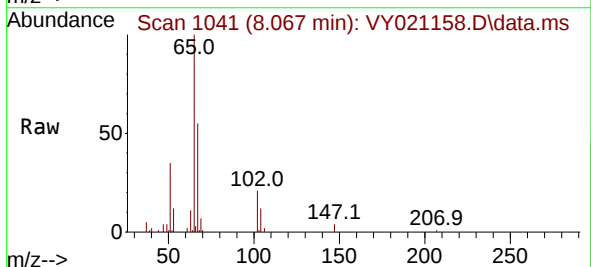
Instrument :
MSVOA_Y
ClientSampleId :
WC-10-VOC

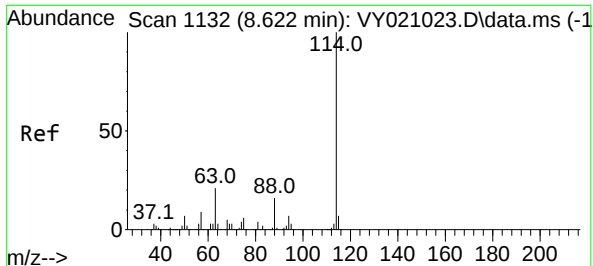
Tgt Ion:168 Resp: 43829
Ion Ratio Lower Upper
168 100
99 52.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.734 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

Tgt Ion: 65 Resp: 25028
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021158.D

Acq: 10 Feb 2025 16:46

Instrument :

MSVOA_Y

ClientSampleId :

WC-10-VOC

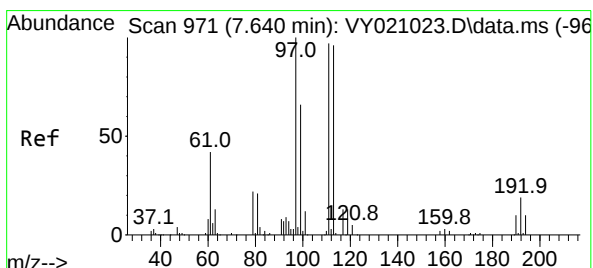
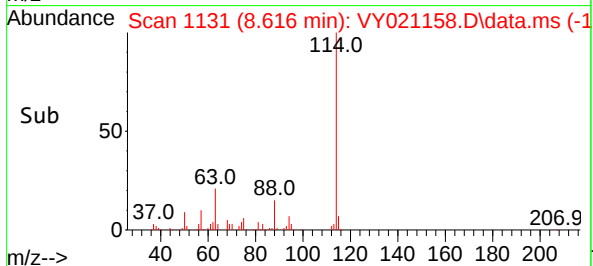
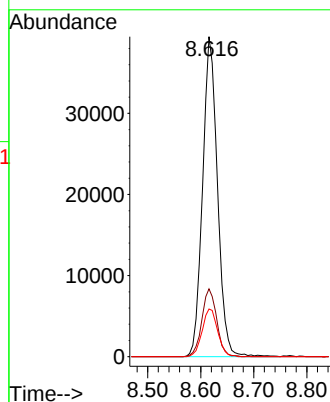
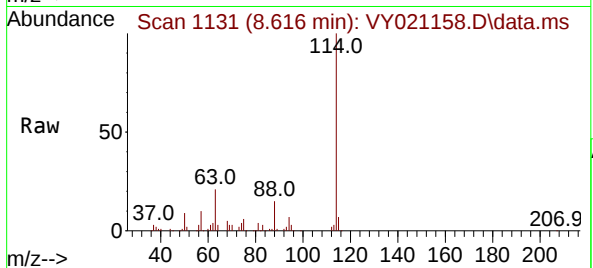
Tgt Ion:114 Resp: 76743

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.526 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021158.D

Acq: 10 Feb 2025 16:46

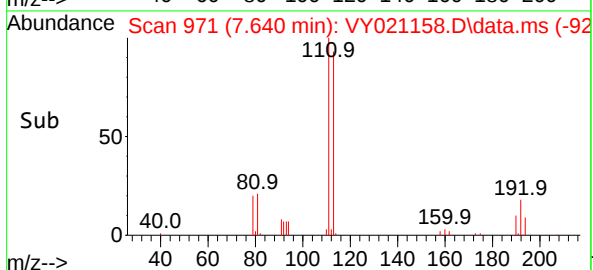
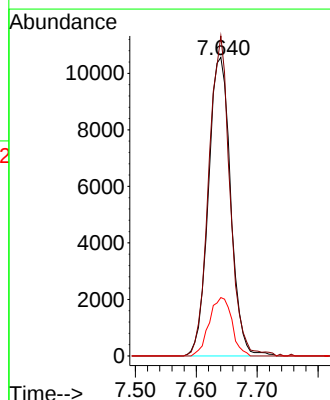
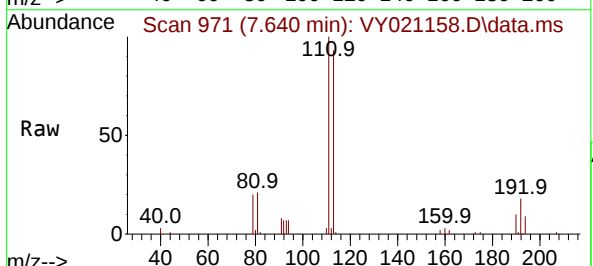
Tgt Ion:113 Resp: 26817

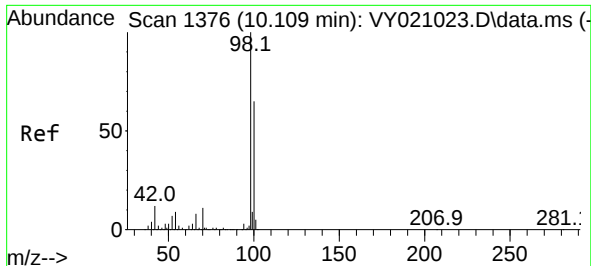
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 19.9 14.5 21.7

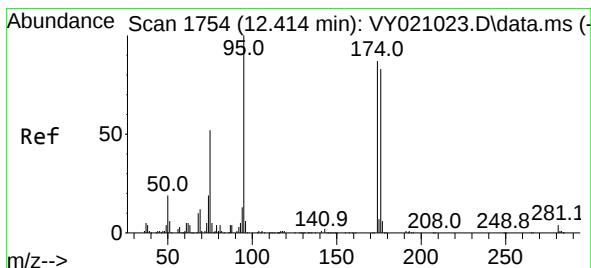
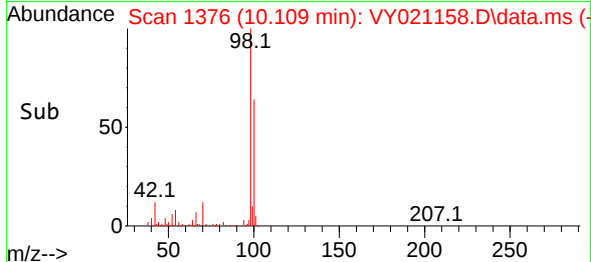
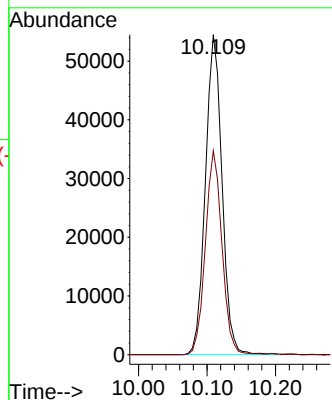
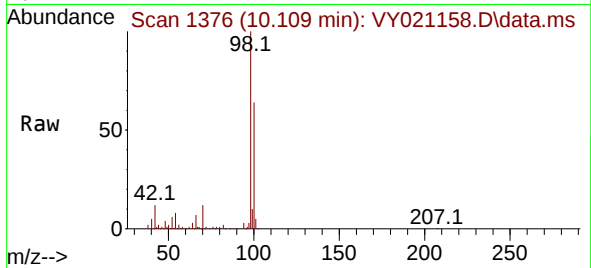




#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

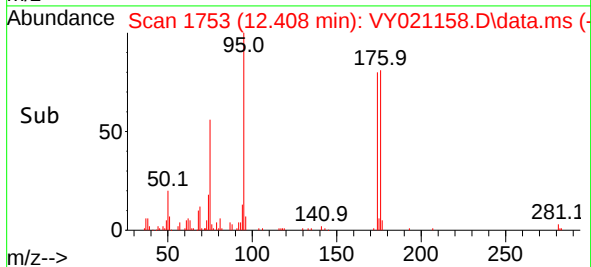
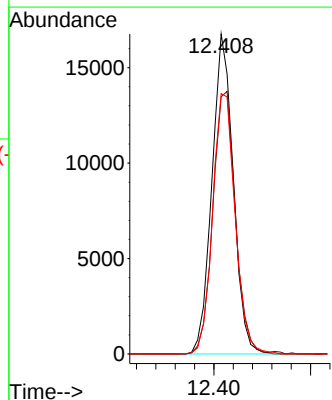
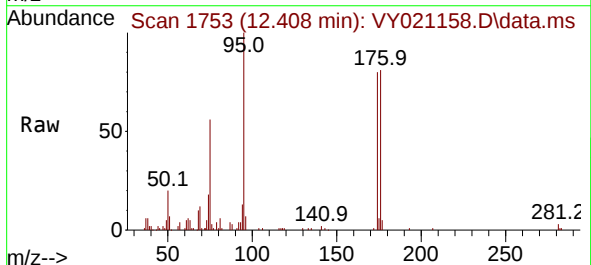
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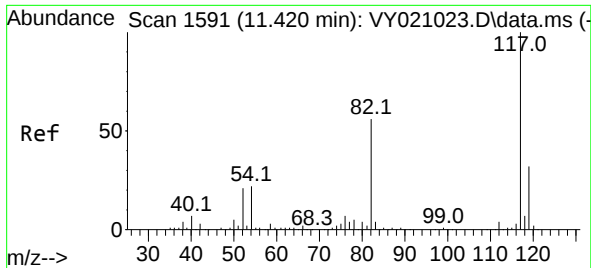
Tgt Ion: 98 Resp: 92174
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 41.931 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

Tgt Ion: 95 Resp: 25649
Ion Ratio Lower Upper
95 100
174 86.6 0.0 160.0
176 86.0 0.0 151.8

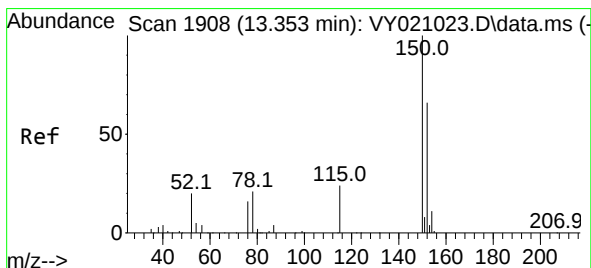
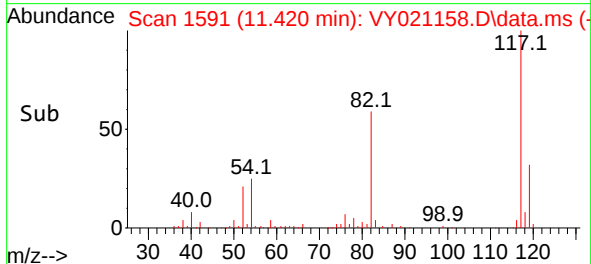
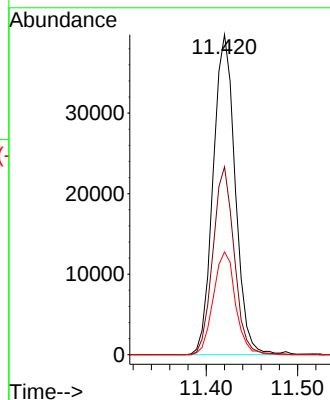
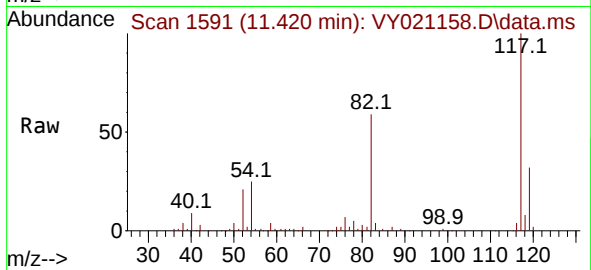




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

Instrument :
MSVOA_Y
ClientSampleId :
WC-10-VOC

Tgt Ion:117 Resp: 66592
Ion Ratio Lower Upper
117 100
82 58.7 43.8 65.8
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021158.D
Acq: 10 Feb 2025 16:46

Tgt Ion:152 Resp: 23595
Ion Ratio Lower Upper
152 100
115 56.5 30.0 90.0
150 159.2 0.0 344.6

