

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021120.D
 Acq On : 06 Feb 2025 18:42
 Operator : SY/MD
 Sample : Q1309-07
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Quant Time: Feb 07 02:36:21 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)

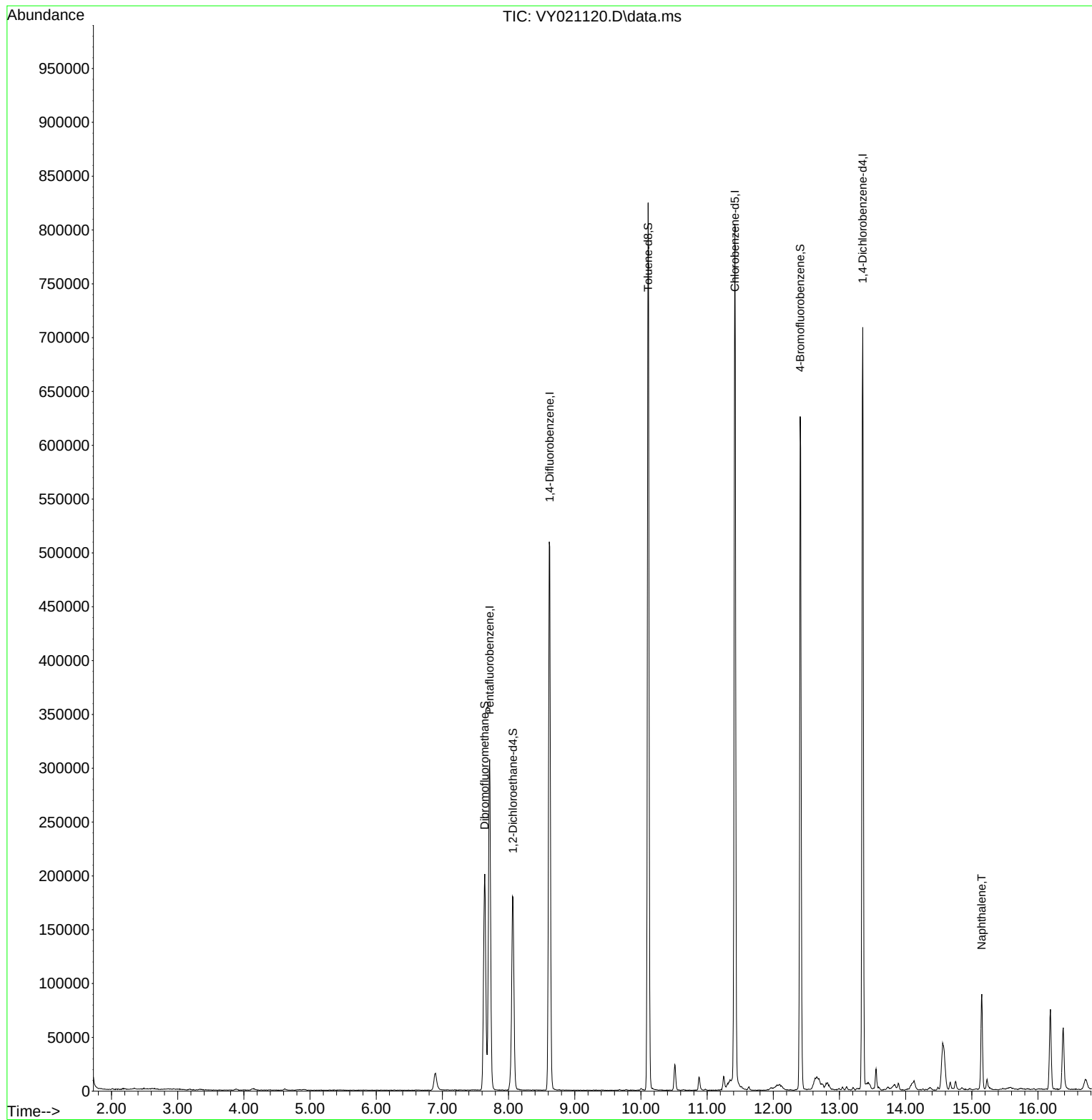
Internal Standards						
1) Pentafluorobenzene	7.713	168	238324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	438128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	411334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	177081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	140089	57.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.740%	
35) Dibromofluoromethane	7.640	113	142692	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.109	98	525352	49.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	12.407	95	184570	52.852	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.700%	
Target Compounds						
95) Naphthalene	15.151	128	72361	15.189	ug/l	Qvalue 100

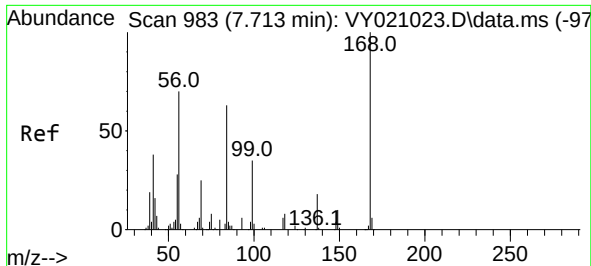
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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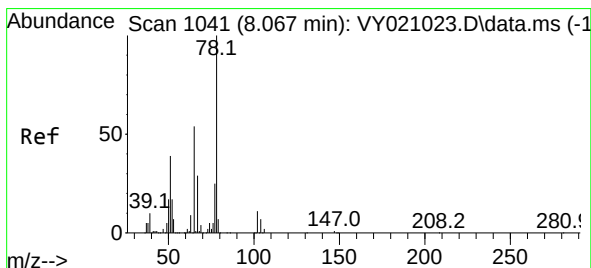
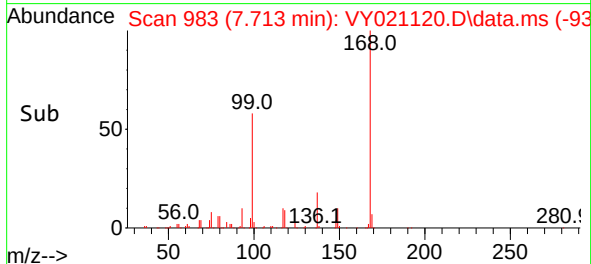
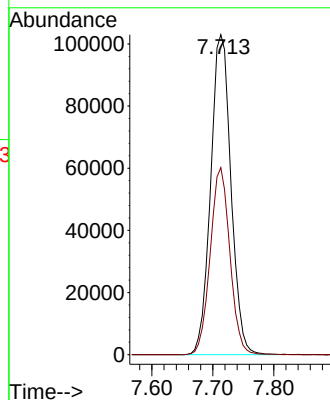
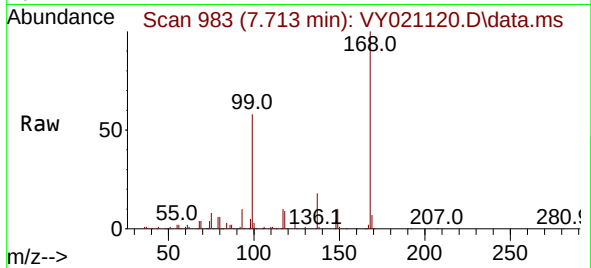




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

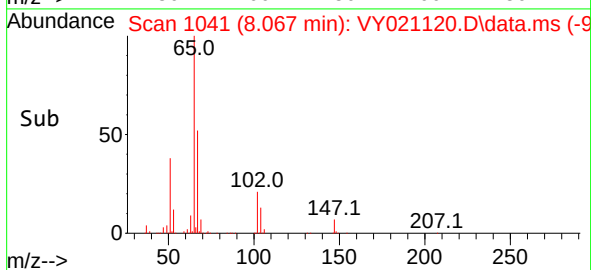
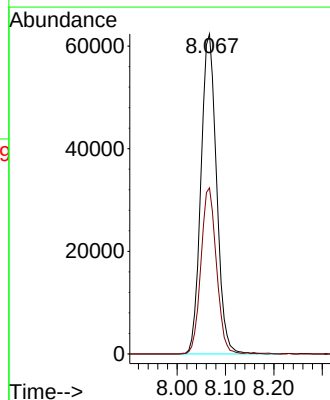
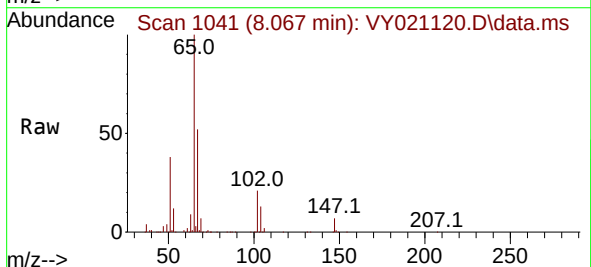
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

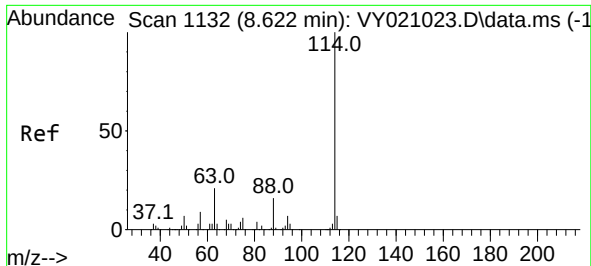
Tgt Ion:168 Resp: 238324
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 57.371 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

Tgt Ion: 65 Resp: 140089
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0

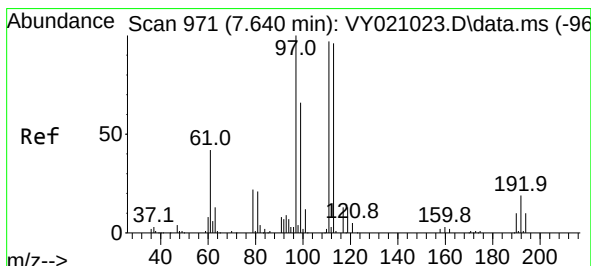
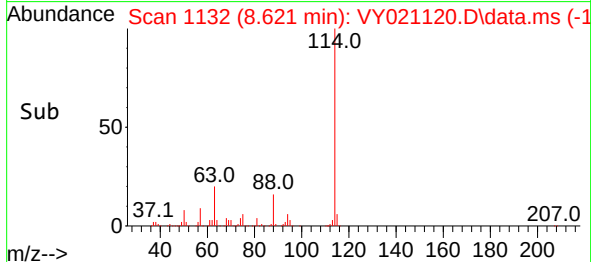
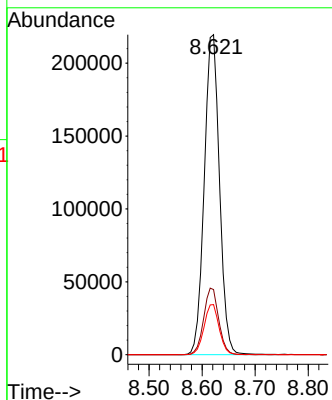
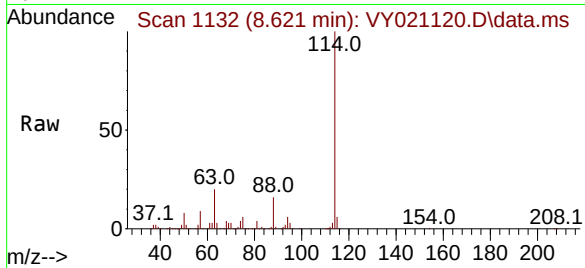




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

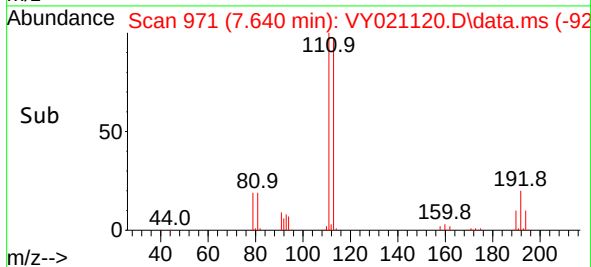
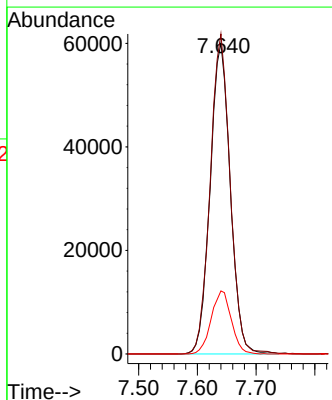
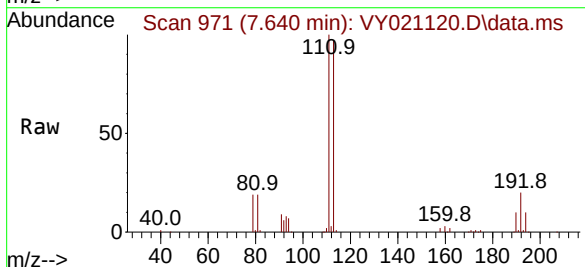
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

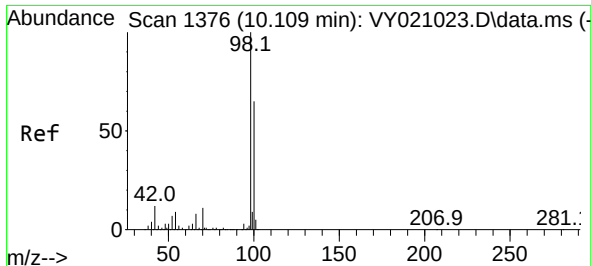
Tgt Ion:114 Resp: 438128
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.820 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

Tgt Ion:113 Resp: 142692
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 20.3 14.5 21.7

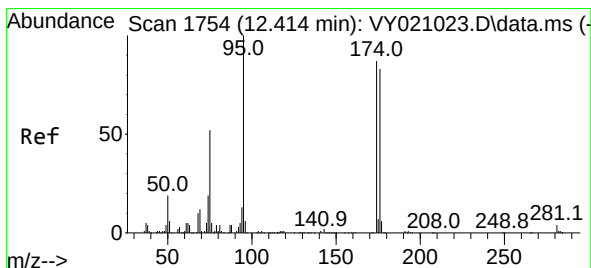
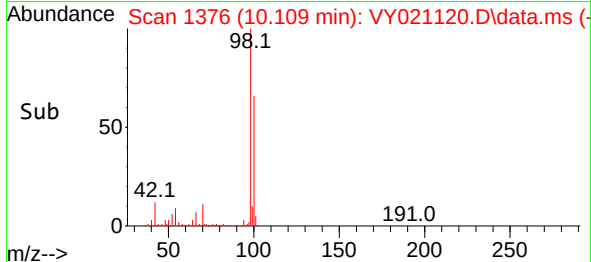
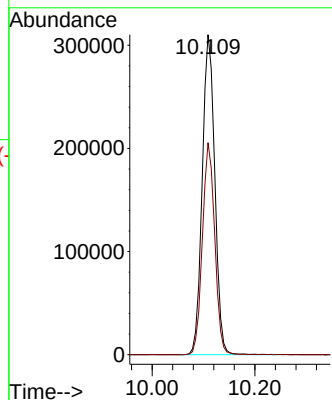
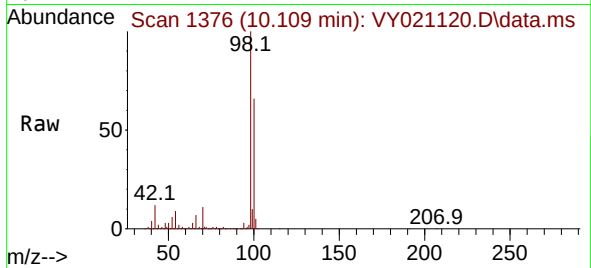




#50
Toluene-d8
Concen: 49.146 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

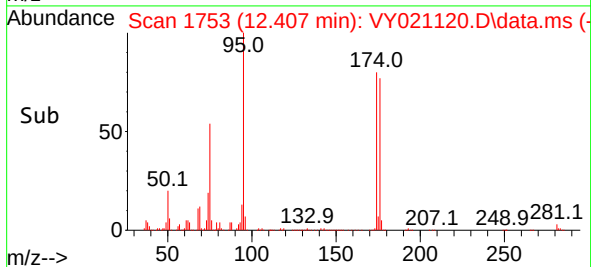
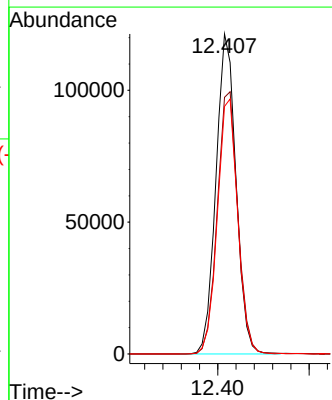
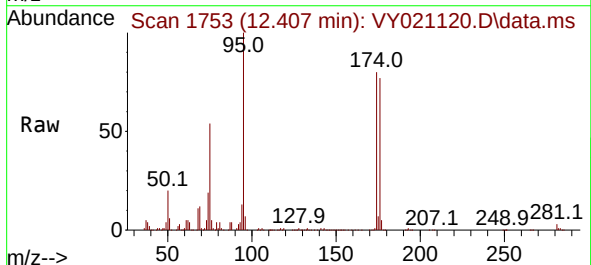
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

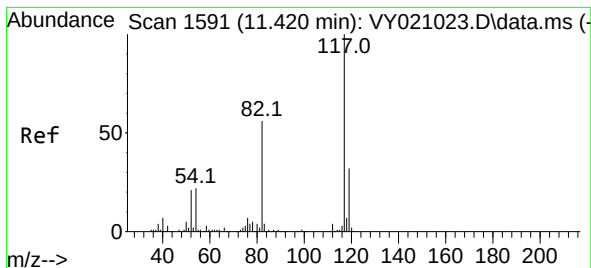
Tgt Ion: 98 Resp: 525352
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 52.852 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY021120.D
Acq: 06 Feb 2025 18:42

Tgt Ion: 95 Resp: 184570
Ion Ratio Lower Upper
95 100
174 84.3 0.0 160.0
176 80.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021120.D

Acq: 06 Feb 2025 18:42

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOC

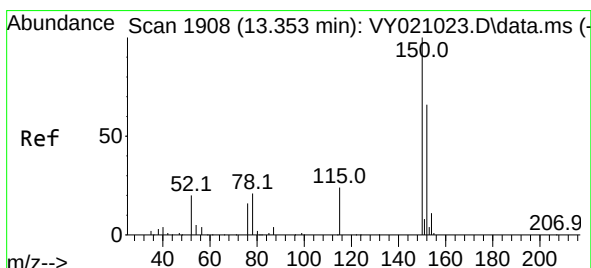
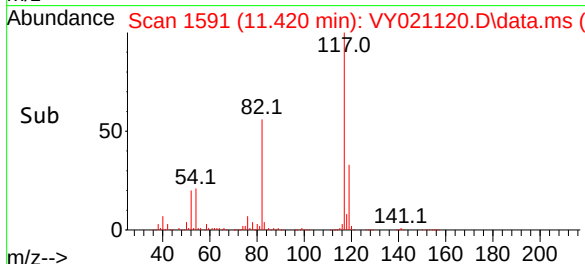
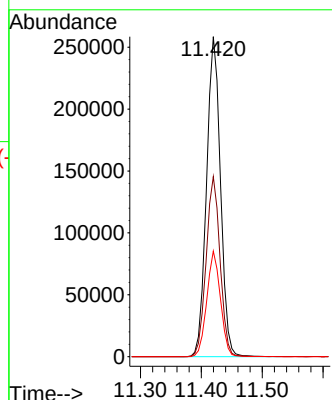
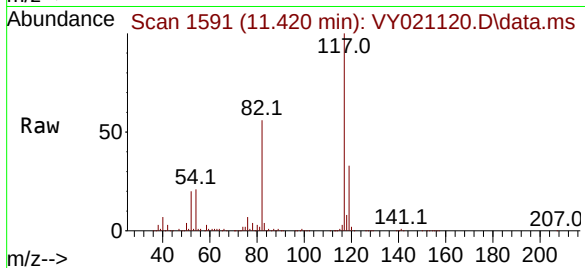
Tgt Ion:117 Resp: 411334

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 33.0 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: VY021120.D

Acq: 06 Feb 2025 18:42

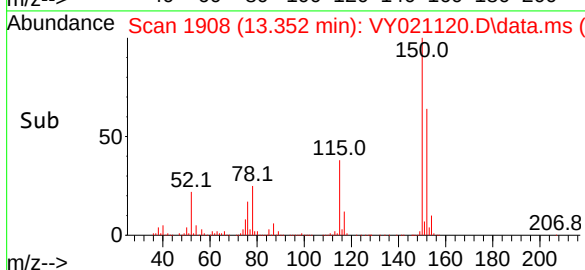
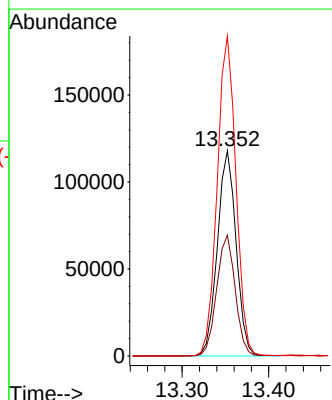
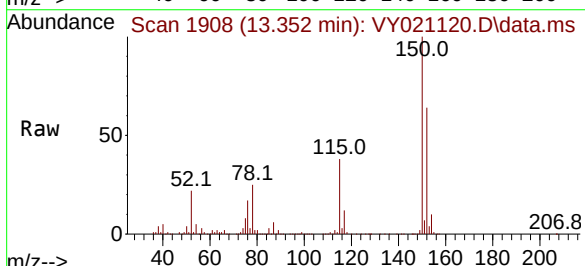
Tgt Ion:152 Resp: 177081

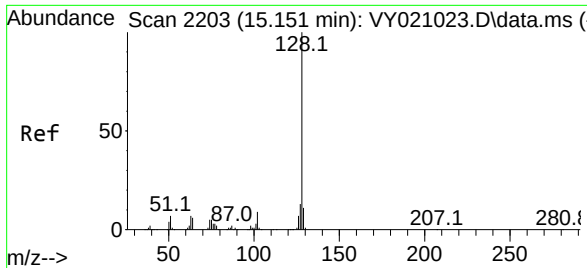
Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 155.9 0.0 344.6





#95

Naphthalene

Concen: 15.189 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY021120.D

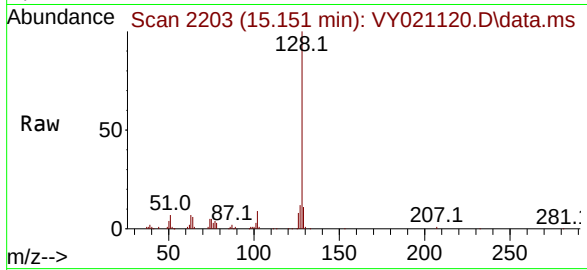
Acq: 06 Feb 2025 18:42

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:128 Resp: 72361

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.6 8.6 12.8

