

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021124.D
 Acq On : 06 Feb 2025 20:16
 Operator : SY/MD
 Sample : Q1309-23
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-8-VOC

Quant Time: Feb 07 02:37:42 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)

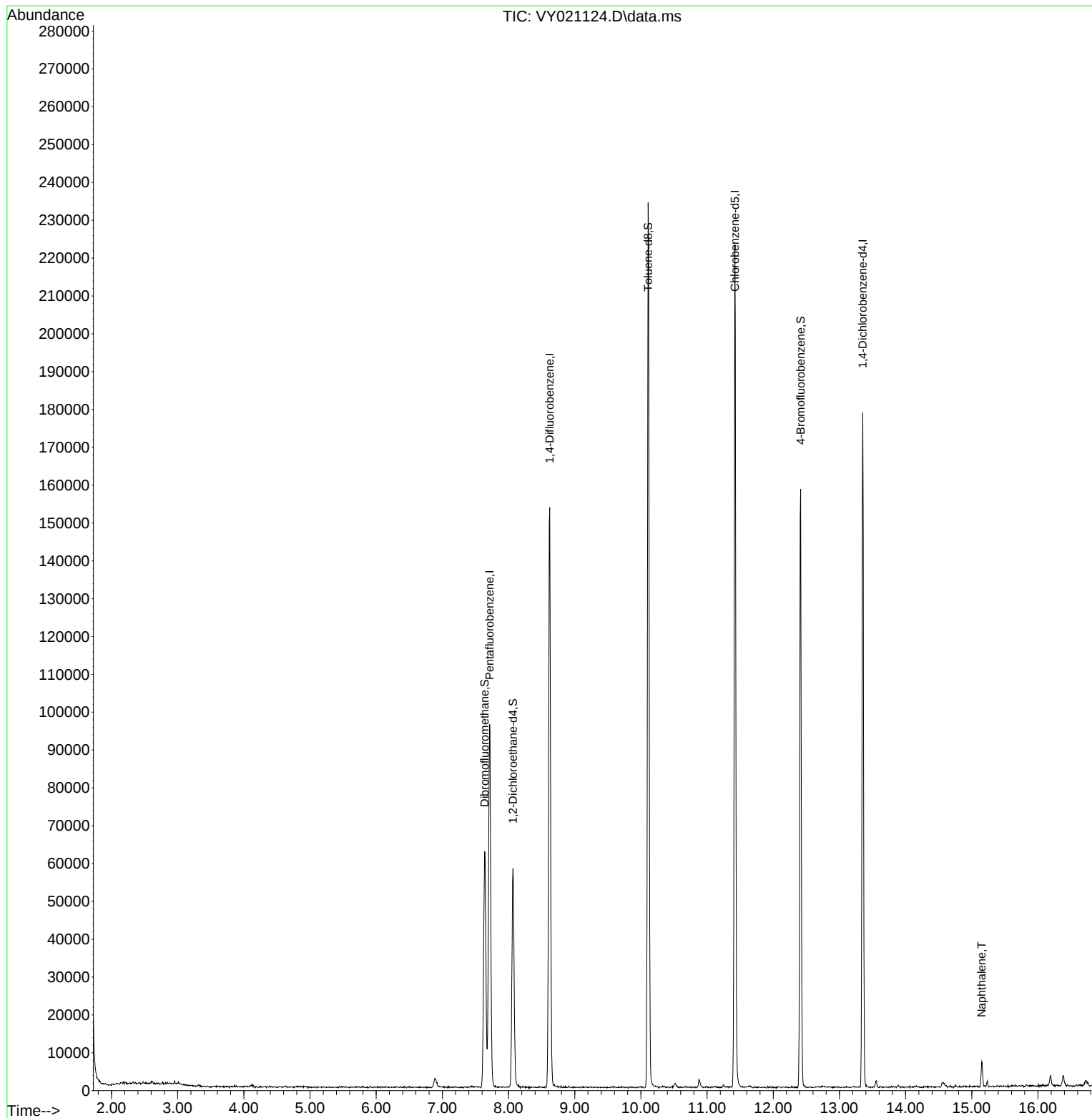
Internal Standards						
1) Pentafluorobenzene	7.713	168	73962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	129918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	116099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	45399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48185	63.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.180%	
35) Dibromofluoromethane	7.640	113	45114	54.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.109	98	153735	48.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.000%	
62) 4-Bromofluorobenzene	12.414	95	48732	47.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.120%	
Target Compounds						Qvalue
95) Naphthalene	15.151	128	5590	4.577	ug/l	98

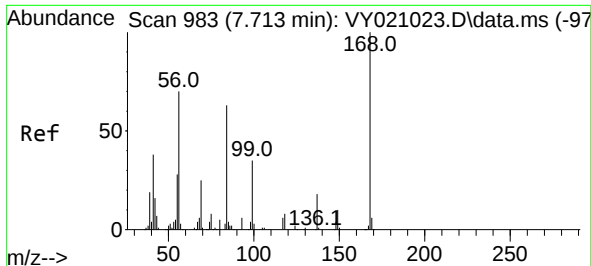
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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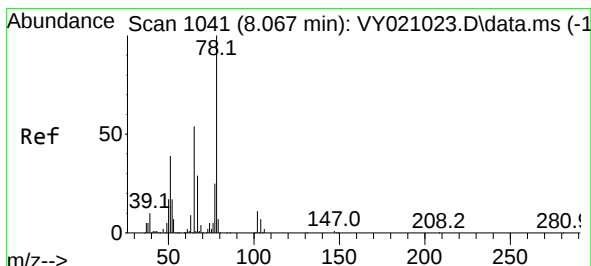
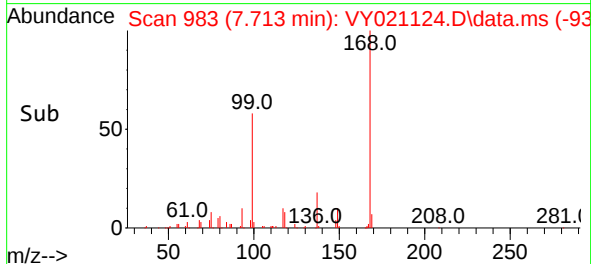
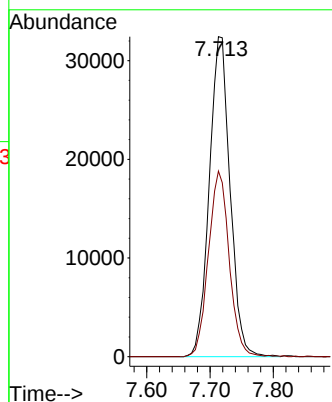
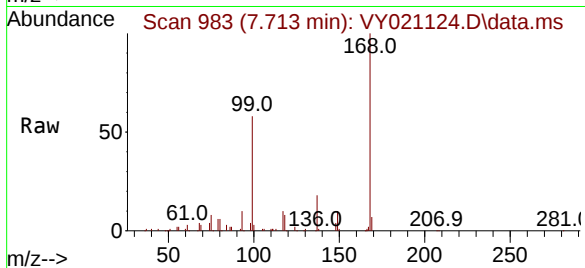




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021124.D
Acq: 06 Feb 2025 20:16

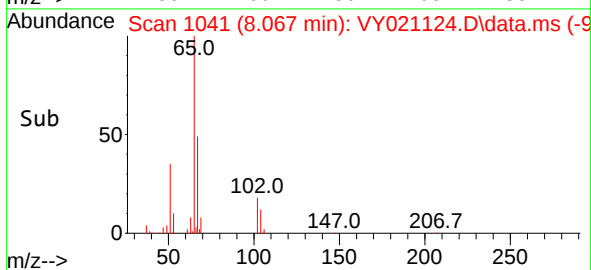
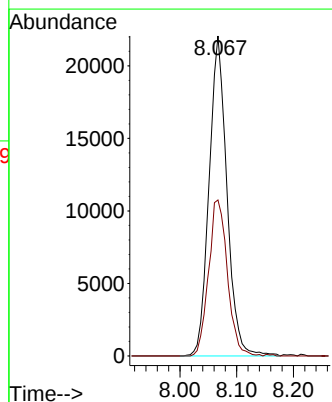
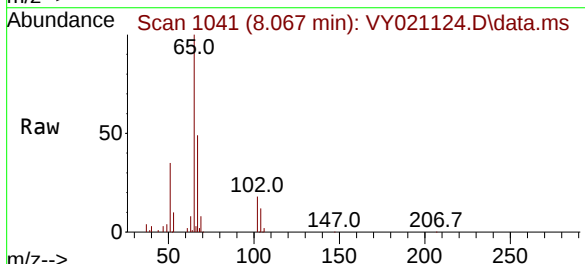
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

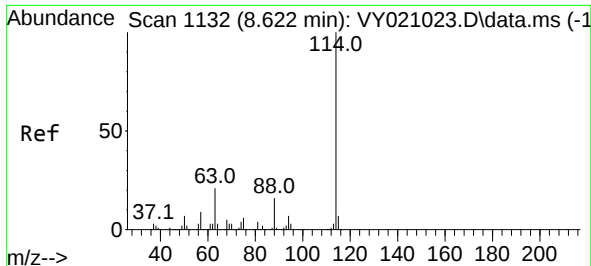
Tgt Ion:168 Resp: 73962
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.585 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021124.D
Acq: 06 Feb 2025 20:16

Tgt Ion: 65 Resp: 48185
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.0

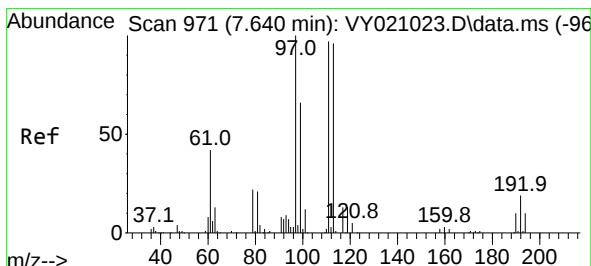
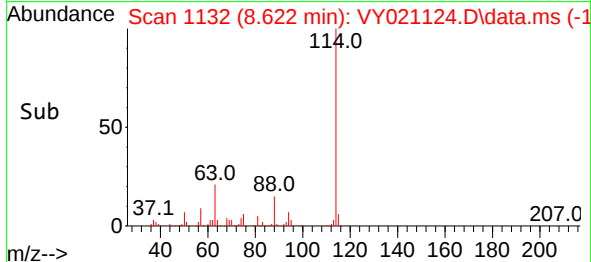
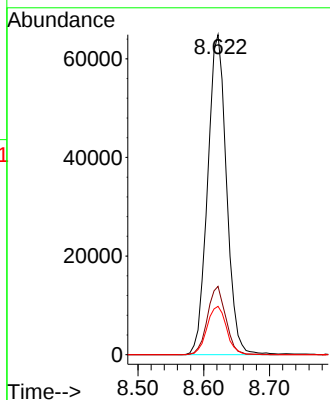
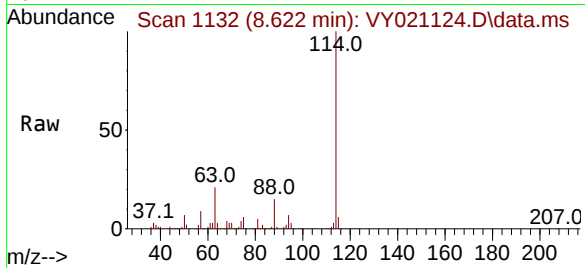




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021124.D
Acq: 06 Feb 2025 20:16

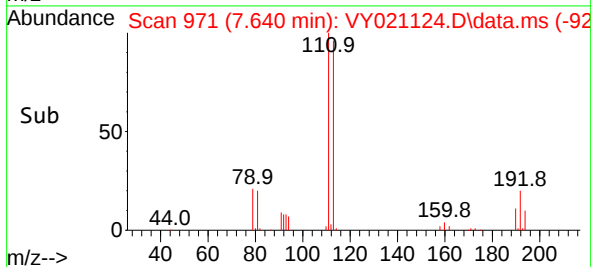
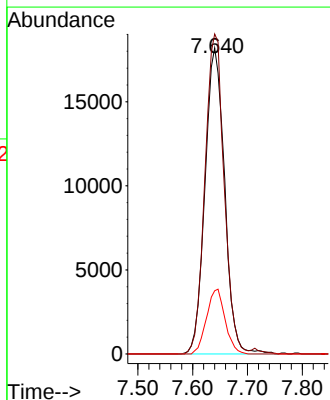
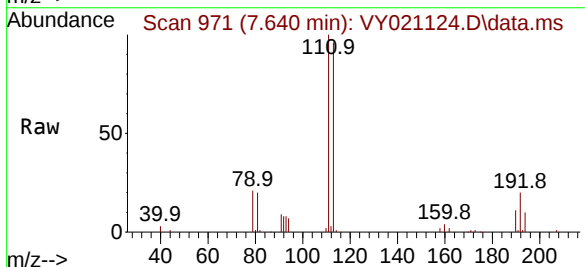
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

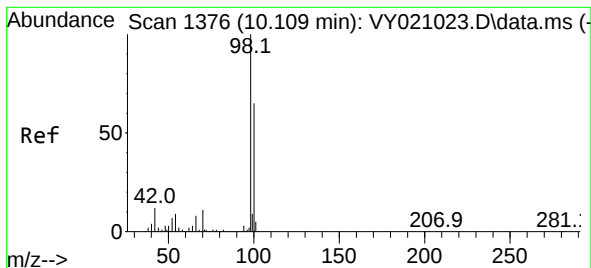
Tgt Ion:114 Resp: 129918
Ion Ratio Lower Upper
114 100
63 21.4 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 54.184 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021124.D
Acq: 06 Feb 2025 20:16

Tgt Ion:113 Resp: 45114
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 20.0 14.5 21.7

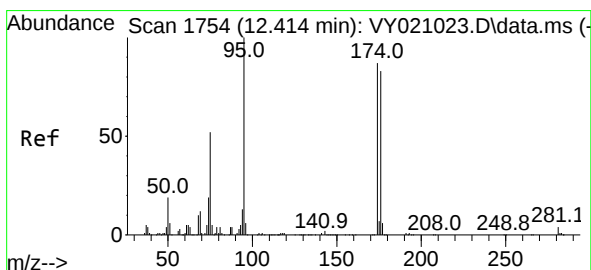
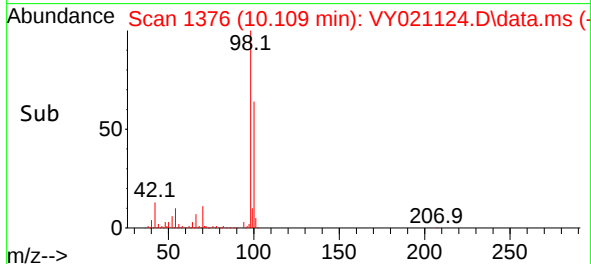
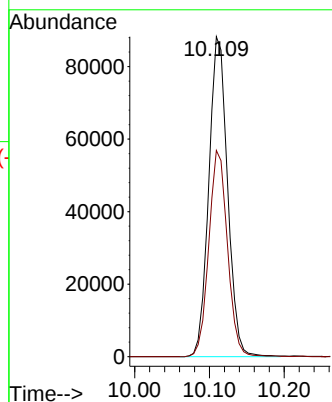
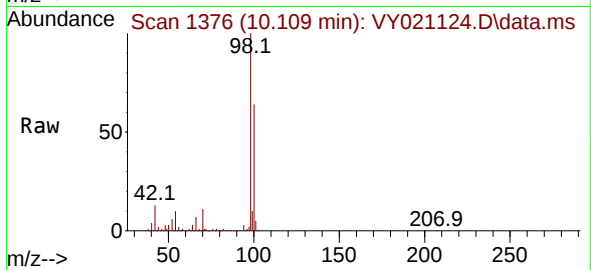




#50
Toluene-d8
Concen: 48.500 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021124.D
Acq: 06 Feb 2025 20:16

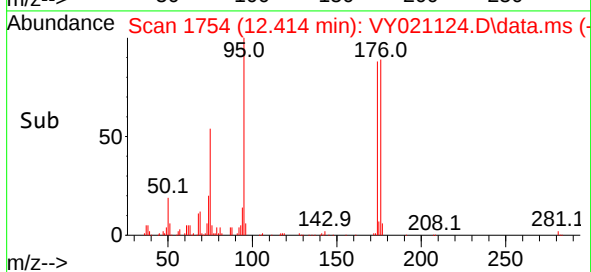
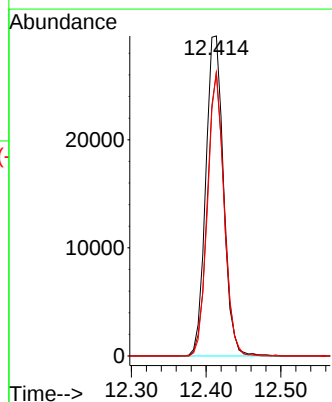
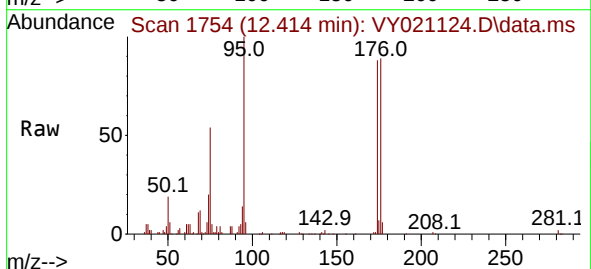
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

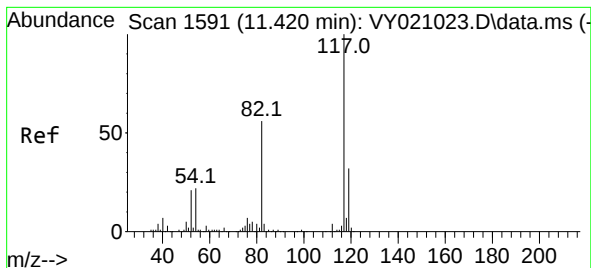
Tgt Ion: 98 Resp: 153735
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.059 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021124.D
Acq: 06 Feb 2025 20:16

Tgt Ion: 95 Resp: 48732
Ion Ratio Lower Upper
95 100
174 83.9 0.0 160.0
176 82.3 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: VY021124.D

Acq: 06 Feb 2025 20:16

Instrument :

MSVOA_Y

ClientSampleId :

WC-8-VOC

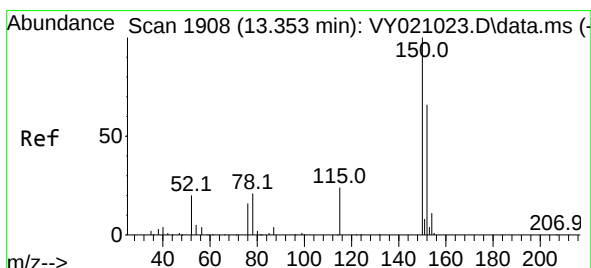
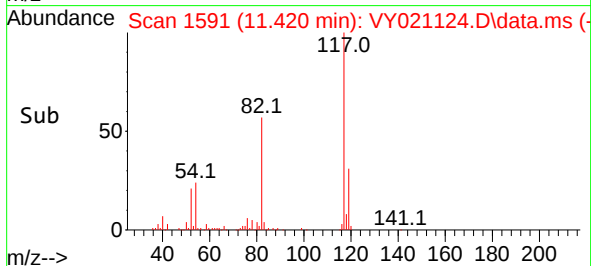
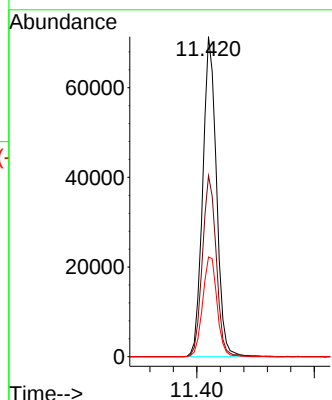
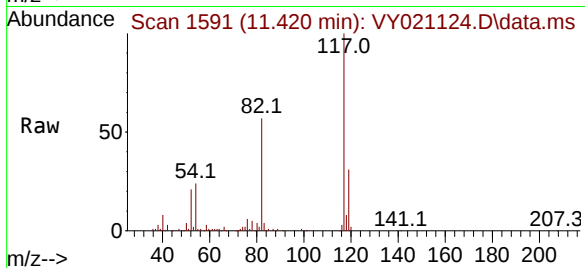
Tgt Ion:117 Resp: 116099

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 31.2 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: VY021124.D

Acq: 06 Feb 2025 20:16

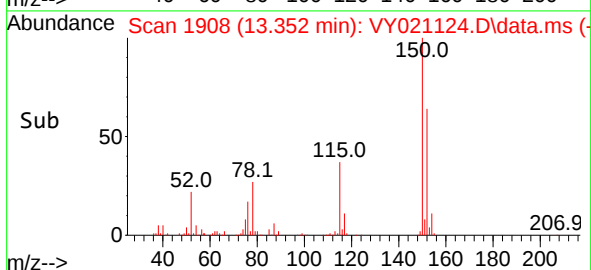
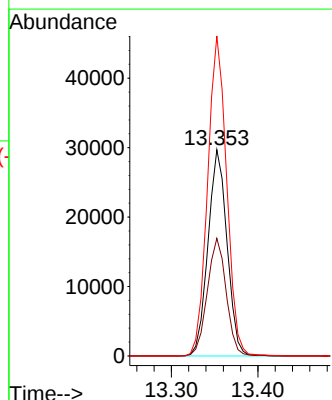
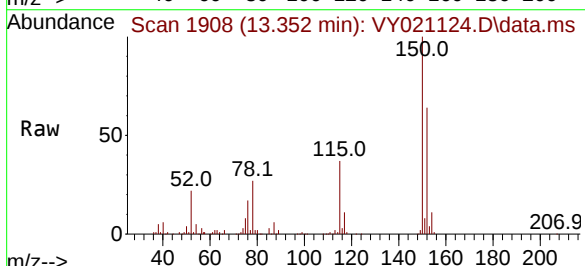
Tgt Ion:152 Resp: 45399

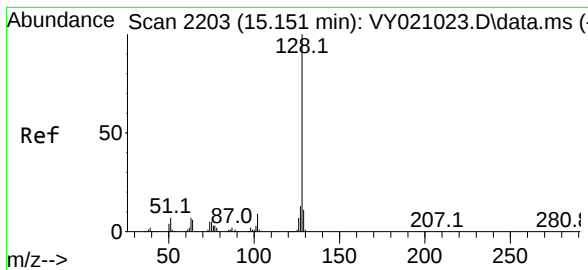
Ion Ratio Lower Upper

152 100

115 56.5 30.0 90.0

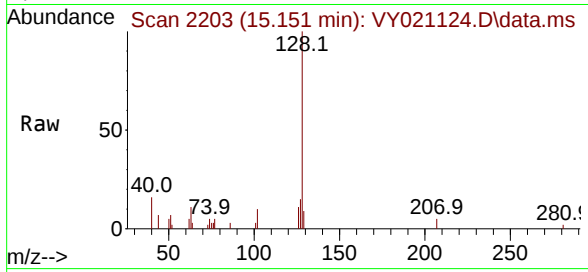
150 154.9 0.0 344.6





#95
Naphthalene
Concen: 4.577 ug/l
RT: 15.151 min Scan# 21
Delta R.T. -0.000 min
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Acq: 06 Feb 2025 20:16

Instrument :
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ClientSampleId :
WC-8-VOC



Tgt Ion:	128	Resp:	5590
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	10.7	8.6	12.8

