

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021119.D
 Acq On : 06 Feb 2025 18:18
 Operator : SY/MD
 Sample : Q1309-03
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Feb 07 02:36:00 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)

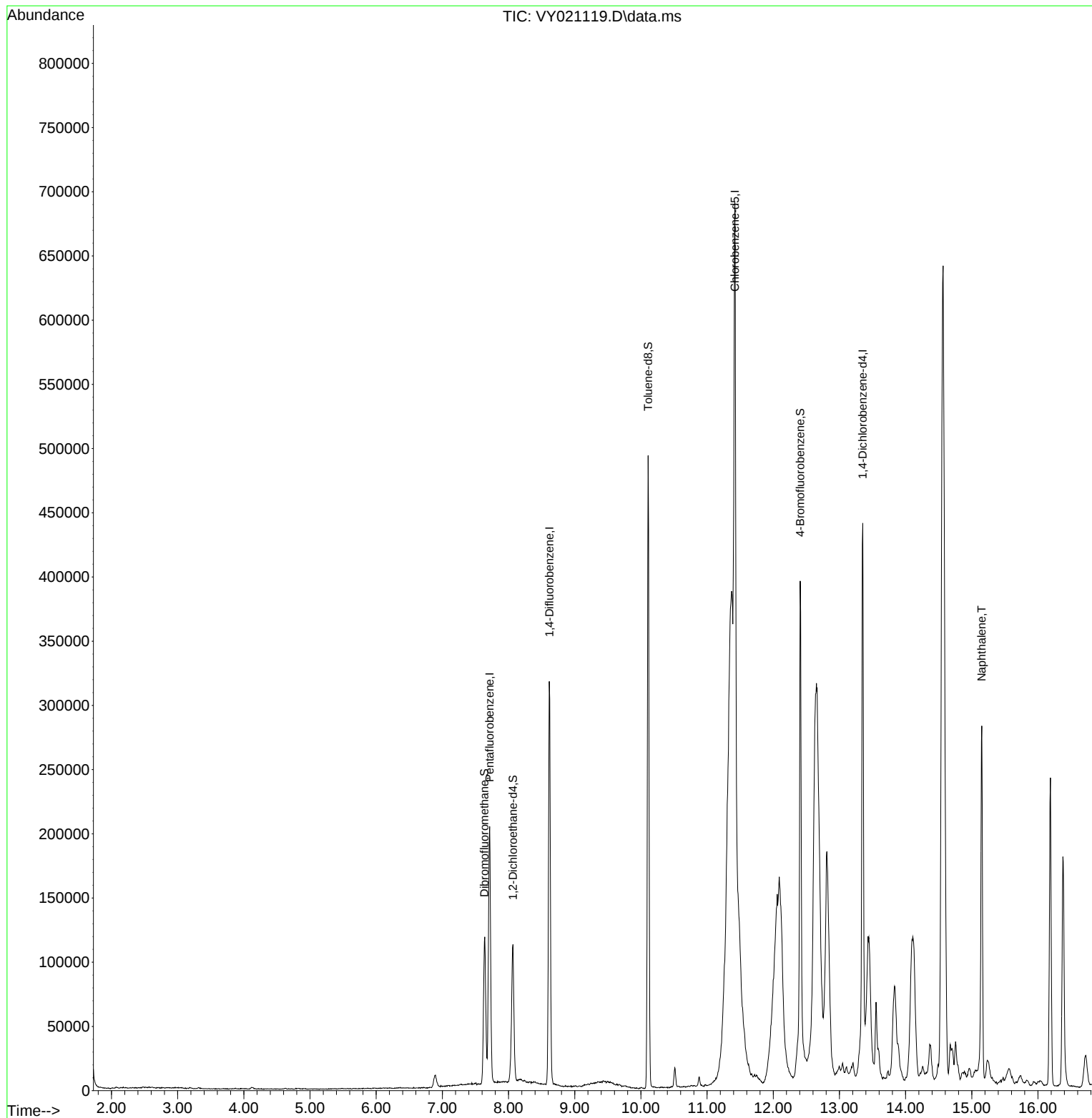
Internal Standards						
1) Pentafluorobenzene	7.713	168	155362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	264487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	235543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	105081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79489	49.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.880%
35) Dibromofluoromethane	7.634	113	81404	48.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.109	98	310991	48.193	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.408	95	104430	49.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.080%
Target Compounds						
95) Naphthalene	15.151	128	217148	76.813	ug/l	Qvalue 100

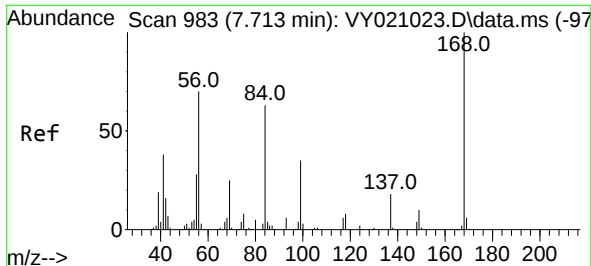
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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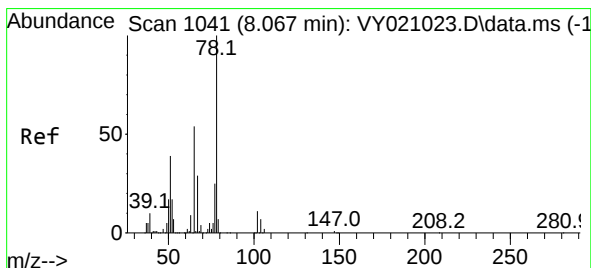
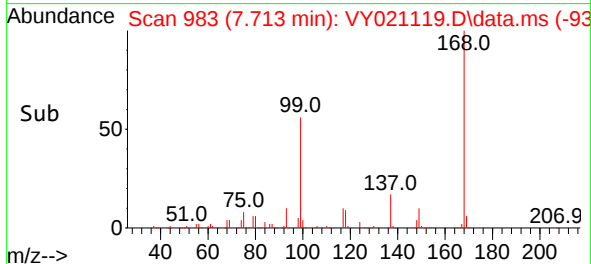
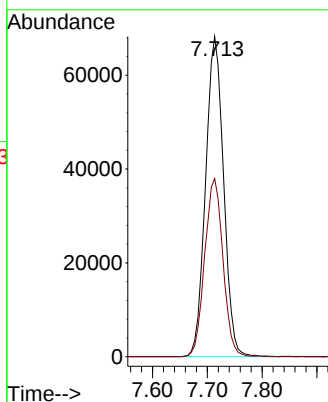
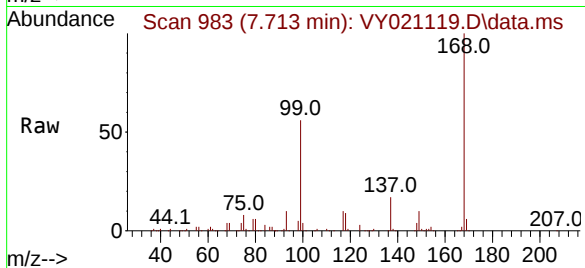




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021119.D
Acq: 06 Feb 2025 18:18

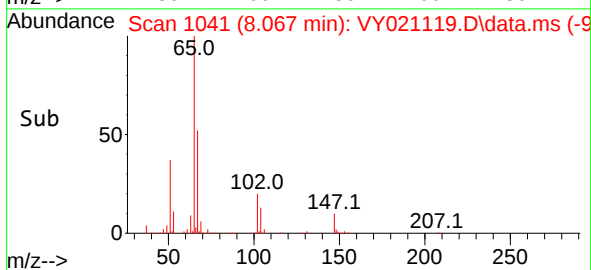
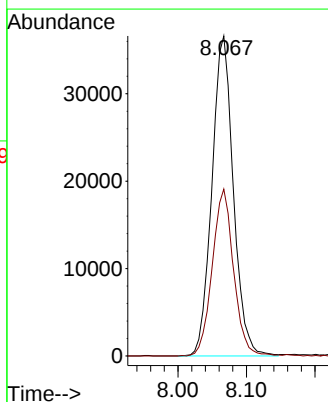
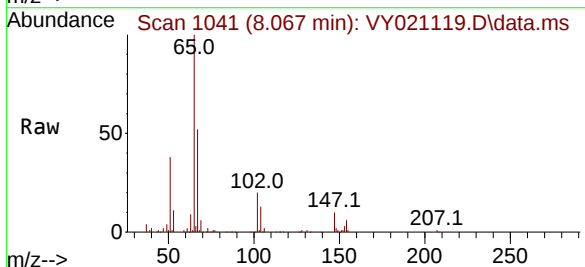
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

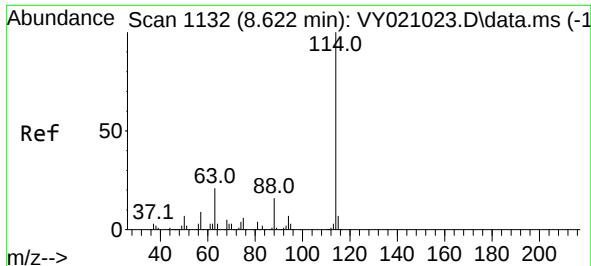
Tgt Ion:168 Resp: 155362
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.936 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021119.D
Acq: 06 Feb 2025 18:18

Tgt Ion: 65 Resp: 79489
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.0

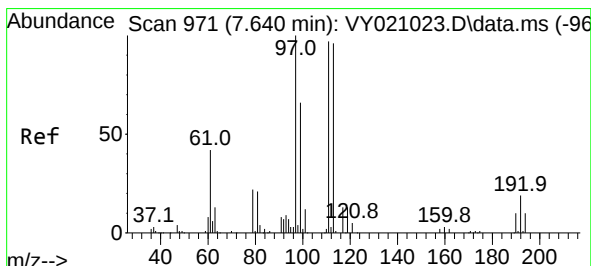
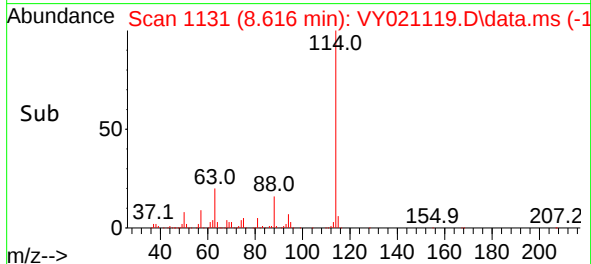
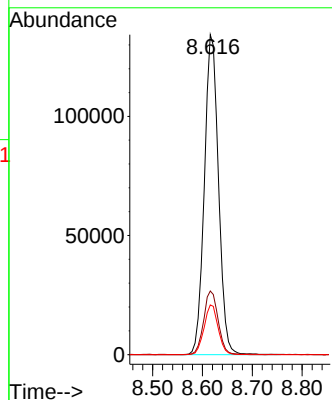
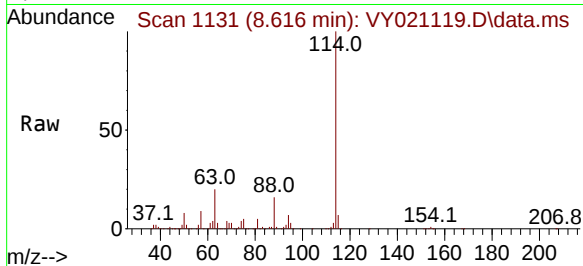




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021119.D
Acq: 06 Feb 2025 18:18

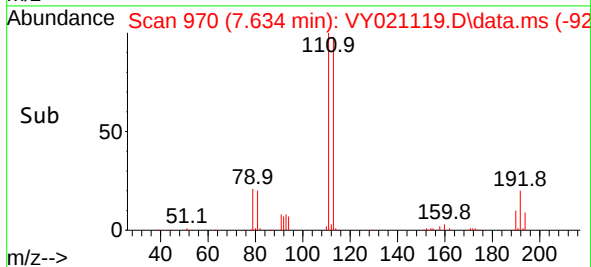
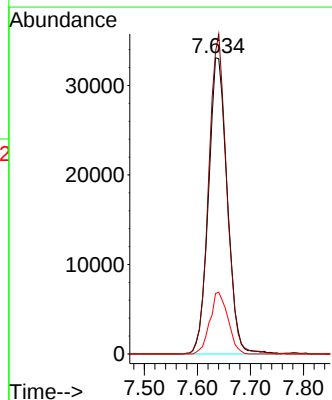
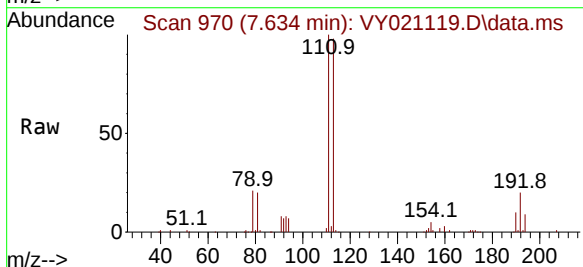
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

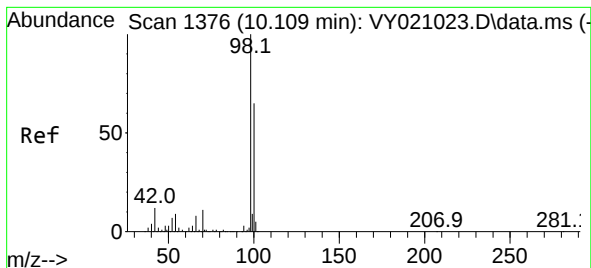
Tgt Ion:114 Resp: 264487
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 48.026 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021119.D
Acq: 06 Feb 2025 18:18

Tgt Ion:113 Resp: 81404
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 20.0 14.5 21.7

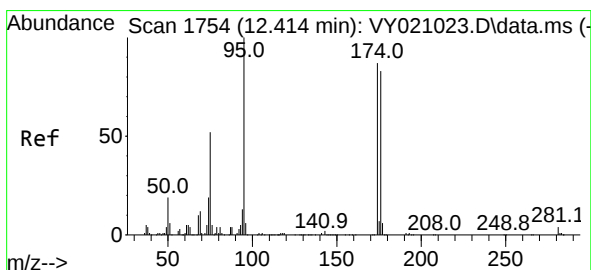
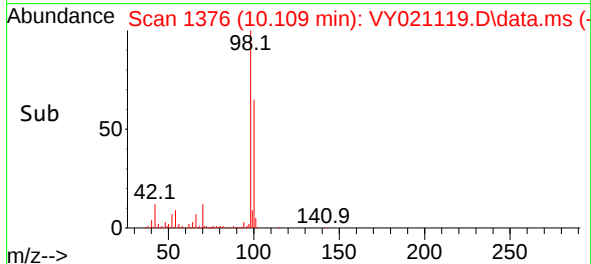
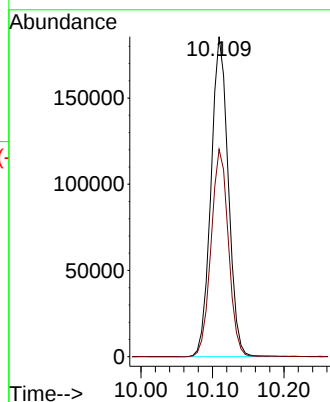
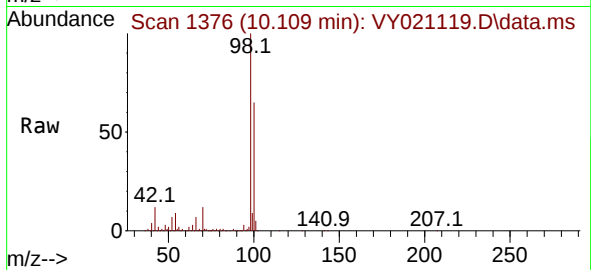




#50
Toluene-d8
Concen: 48.193 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021119.D
Acq: 06 Feb 2025 18:18

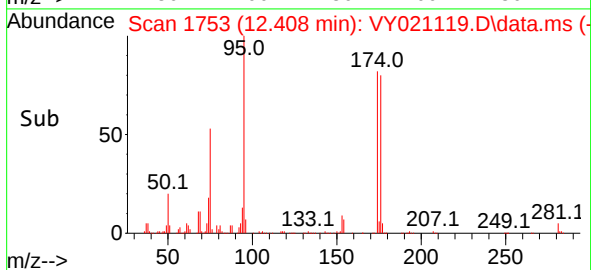
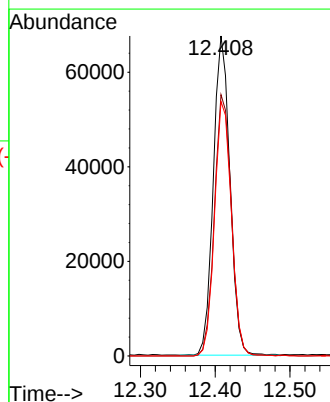
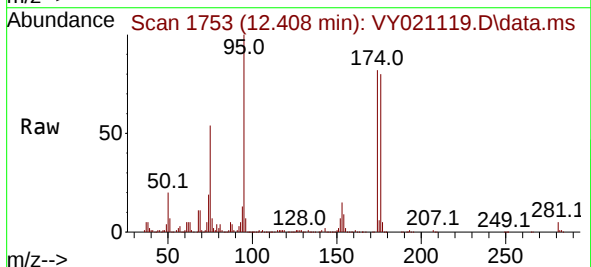
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

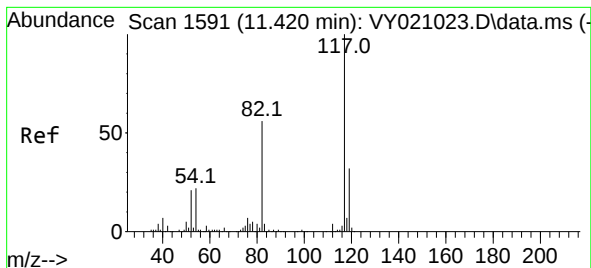
Tgt Ion: 98 Resp: 310991
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.536 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021119.D
Acq: 06 Feb 2025 18:18

Tgt Ion: 95 Resp: 104430
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.0
176 80.9 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: VY021119.D

Acq: 06 Feb 2025 18:18

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

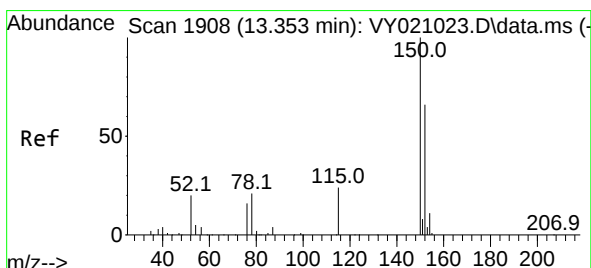
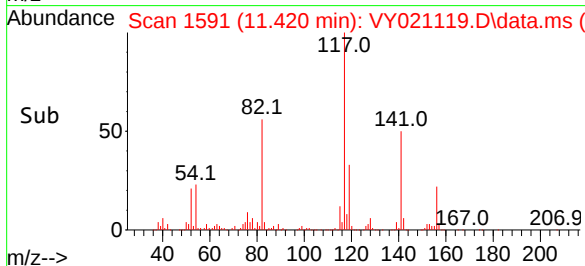
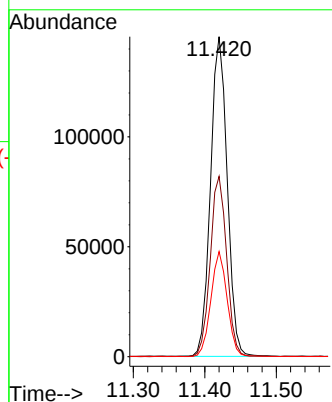
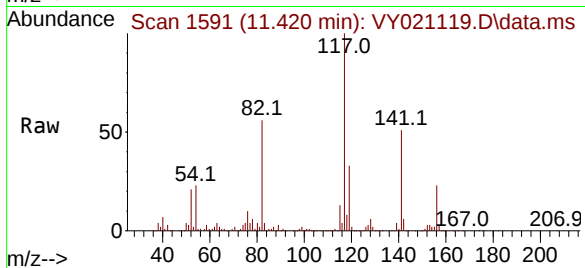
Tgt Ion:117 Resp: 235543

Ion Ratio Lower Upper

117 100

82 56.4 43.8 65.8

119 32.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021119.D

Acq: 06 Feb 2025 18:18

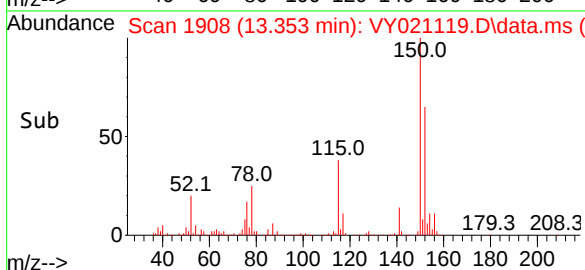
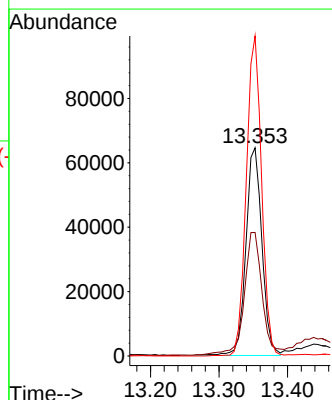
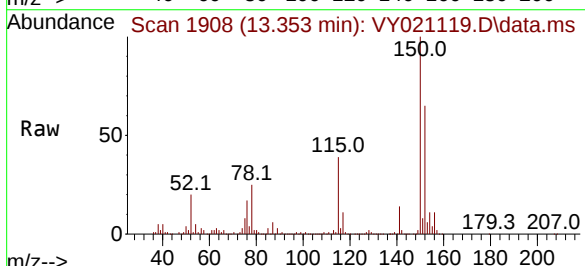
Tgt Ion:152 Resp: 105081

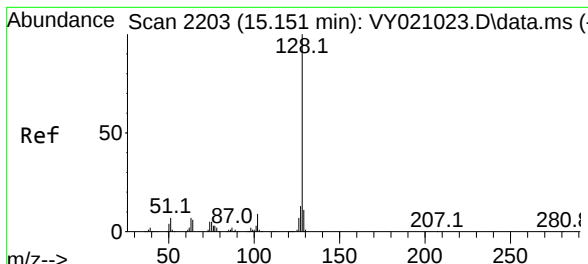
Ion Ratio Lower Upper

152 100

115 66.2 30.0 90.0

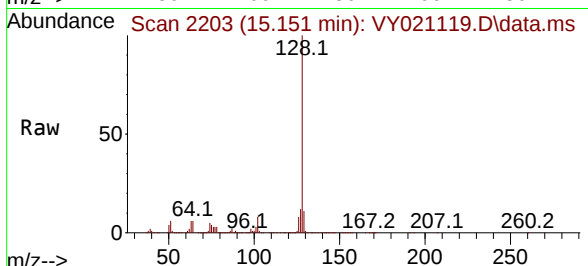
150 147.1 0.0 344.6





#95
 Naphthalene
 Concen: 76.813 ug/l
 RT: 15.151 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021119.D
 Acq: 06 Feb 2025 18:18

Instrument :
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 ClientSampleId :
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Tgt Ion:	128	Resp:	217148
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.6	12.8

