

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020895.D
 Acq On : 22 Jan 2025 11:49
 Operator : SY/MD
 Sample : Q1141-02RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-4-012125-VOCRE

Quant Time: Jan 23 00:44:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

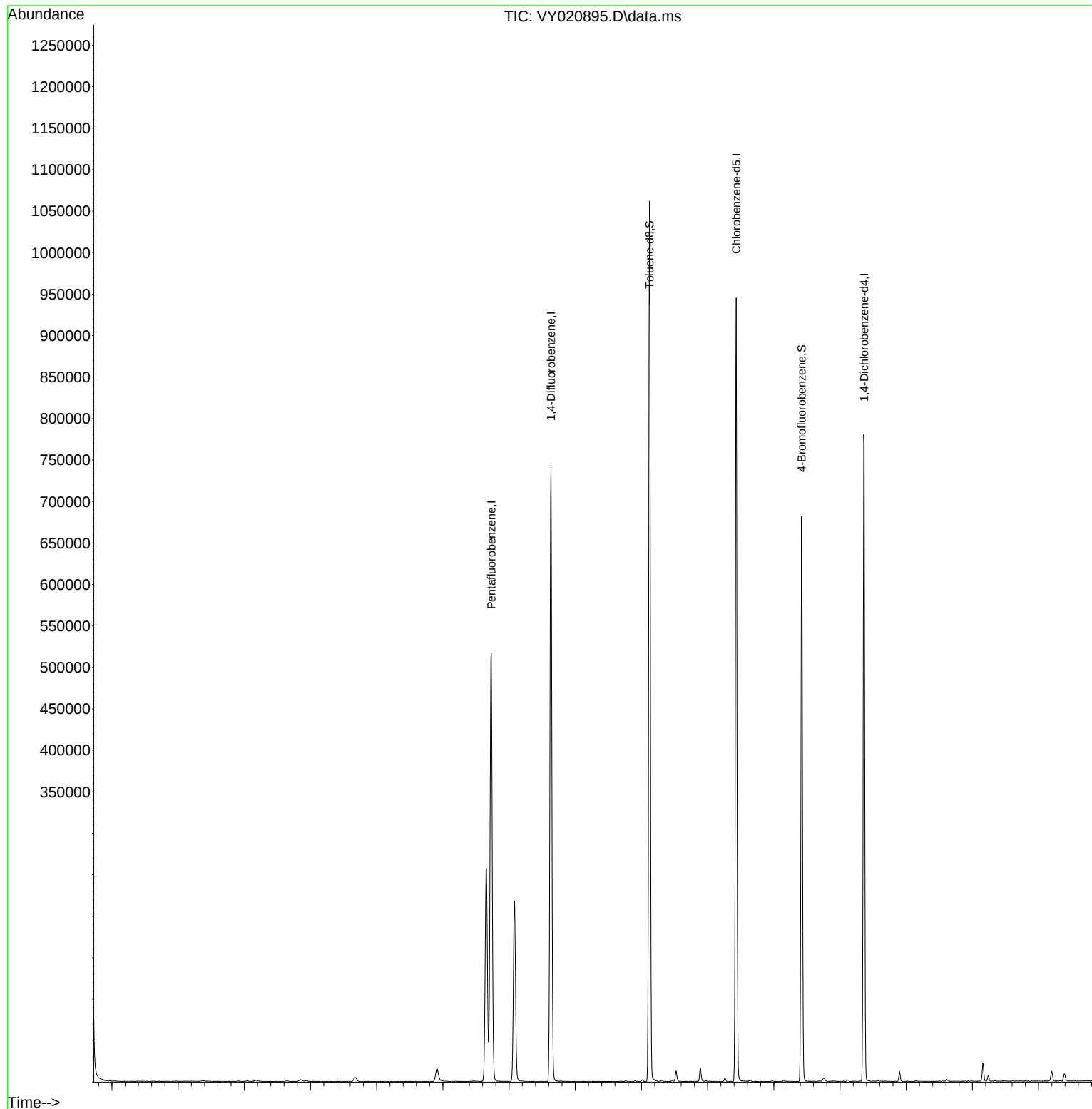
Internal Standards						
1) Pentafluorobenzene	7.731	168	426283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	661676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	522051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	213965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	178483	49.260	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.658	113	188365	45.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.121	98	699565	48.410	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.420	95	208214	39.018	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.040%
Target Compounds						
95) Naphthalene	15.157	128	17799	2.826	ug/l	Qvalue 98

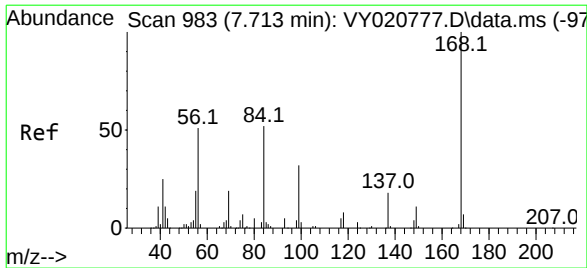
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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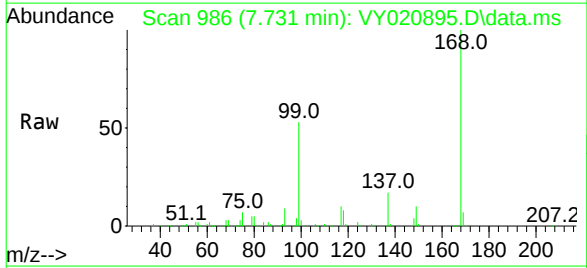
Quant Time: Jan 23 00:44:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
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QLast Update : Thu Jan 23 00:38:42 2025
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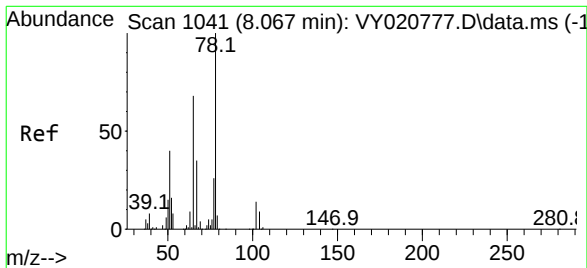
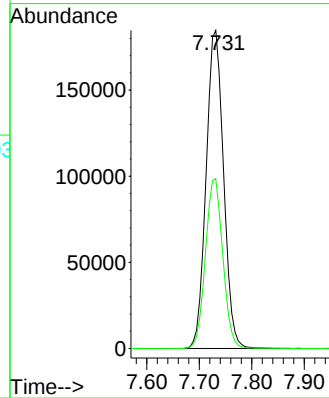
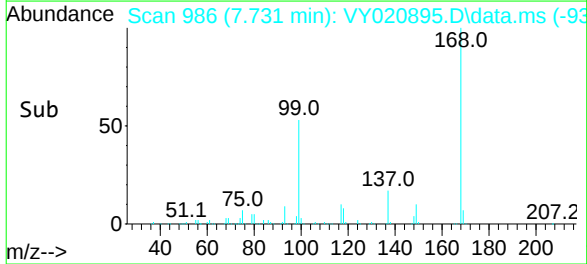


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.731 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-4-012125-VOCRE

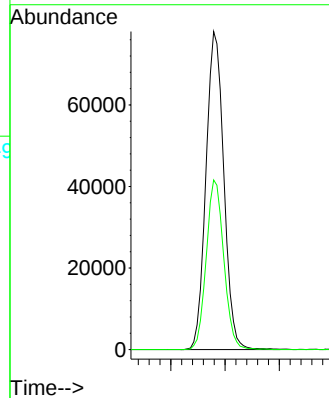
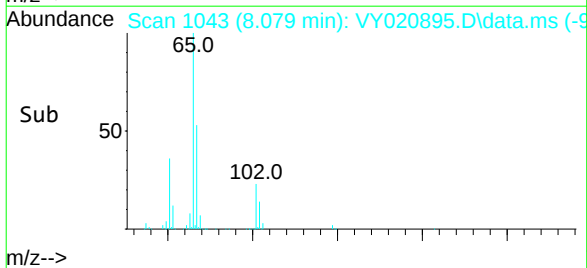
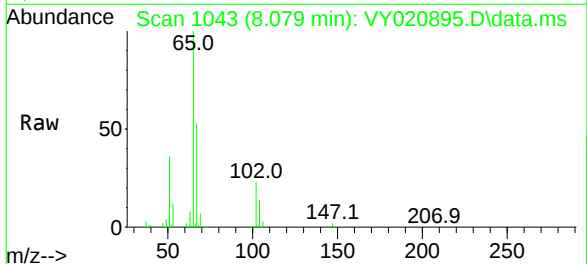


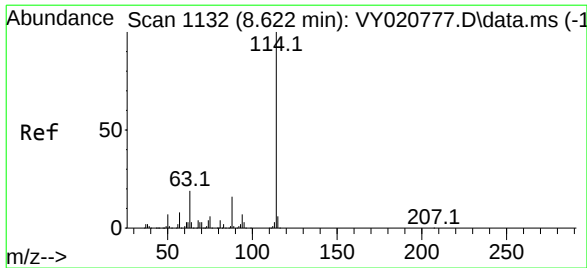
Tgt Ion:168 Resp: 426283
Ion Ratio Lower Upper
168 100
99 53.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 49.260 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

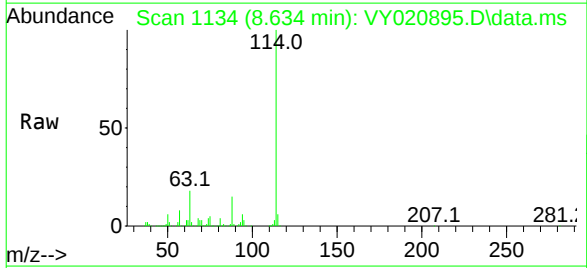
Tgt Ion: 65 Resp: 178483
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8



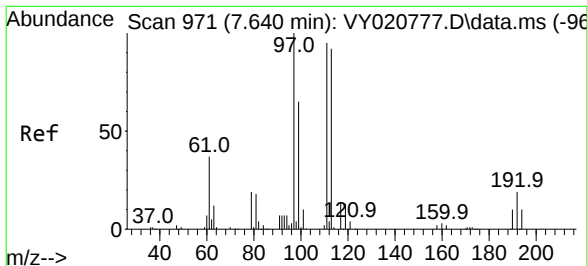
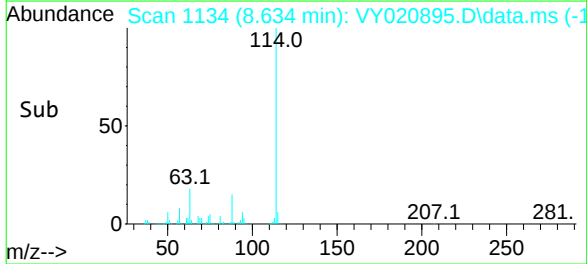
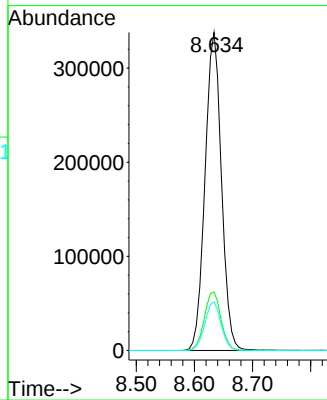


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.634 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

Instrument :
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ClientSampleId :
SU-4-012125-VOCRE

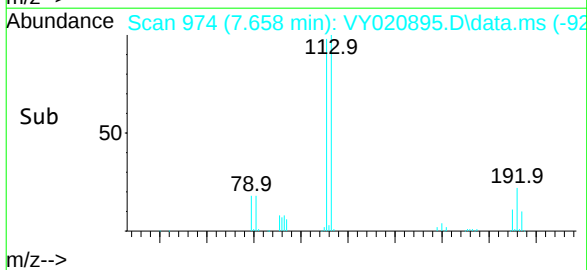
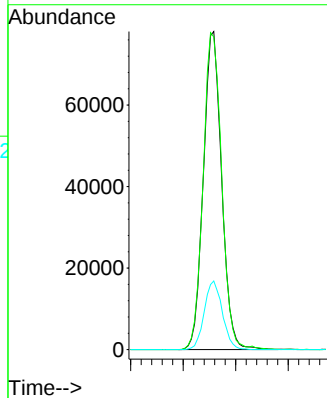
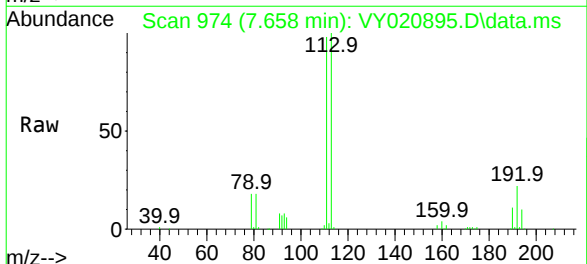


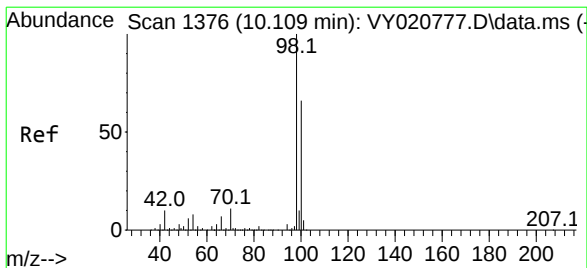
Tgt Ion:114 Resp: 661676
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 15.3 0.0 31.2



#35
Dibromofluoromethane
Concen: 45.440 ug/l
RT: 7.658 min Scan# 974
Delta R.T. -0.006 min
Lab File: VY020895.D
Acq: 22 Jan 2025 11:49

Tgt Ion:113 Resp: 188365
Ion Ratio Lower Upper
113 100
111 101.6 81.7 122.5
192 21.4 16.7 25.1





#50

Toluene-d8

Concen: 48.410 ug/l

RT: 10.121 min Scan# 13

Delta R.T. -0.012 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

Instrument :

MSVOA_Y

ClientSampleId :

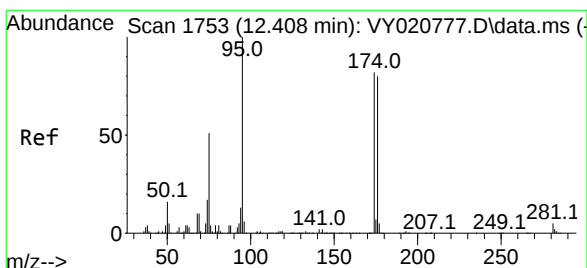
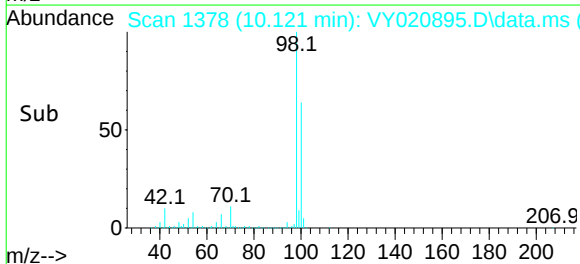
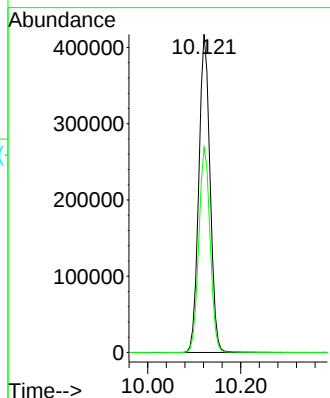
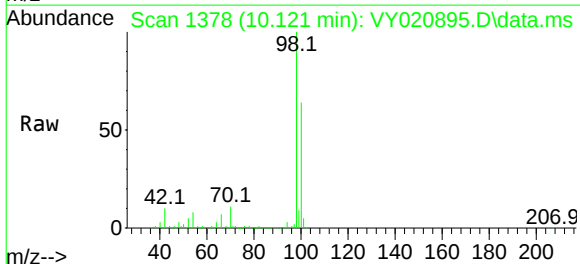
SU-4-012125-VOCRE

Tgt Ion: 98 Resp: 699565

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 39.018 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.006 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

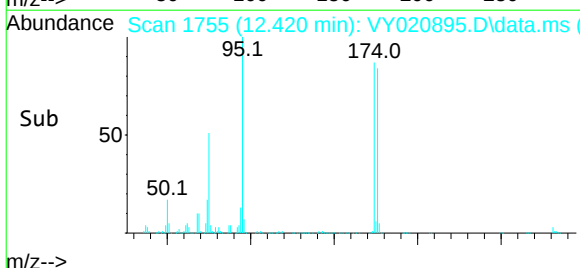
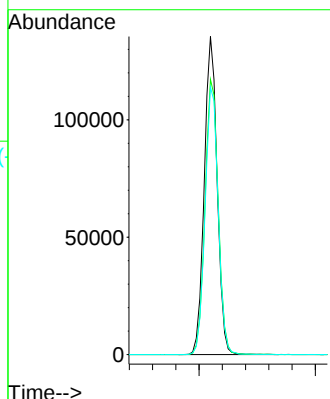
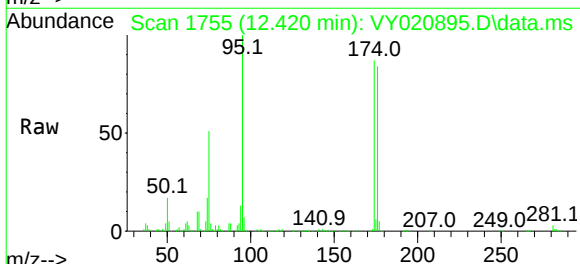
Tgt Ion: 95 Resp: 208214

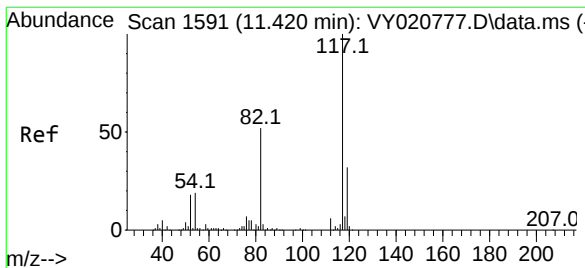
Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.0

176 85.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

Instrument :

MSVOA_Y

ClientSampleId :

SU-4-012125-VOCRE

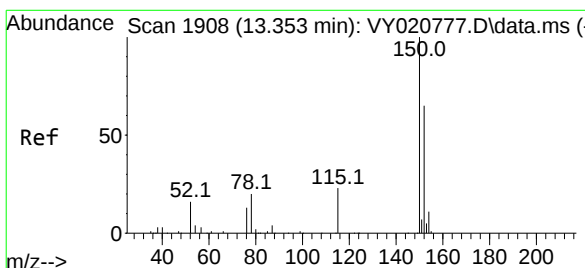
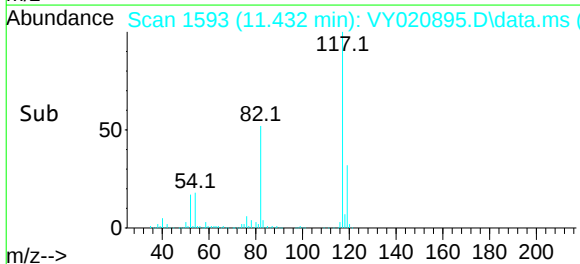
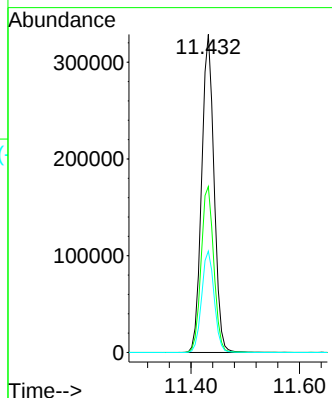
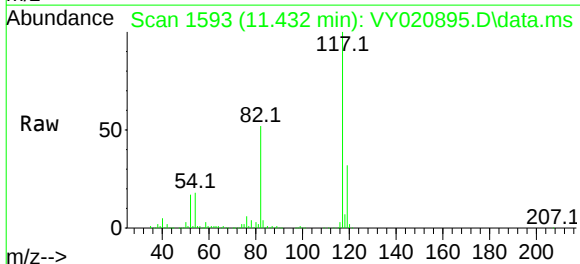
Tgt Ion:117 Resp: 522051

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020895.D

Acq: 22 Jan 2025 11:49

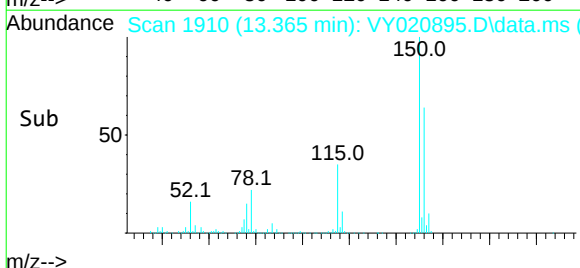
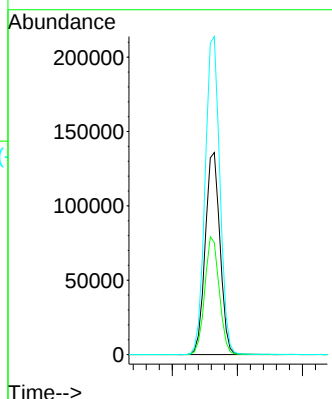
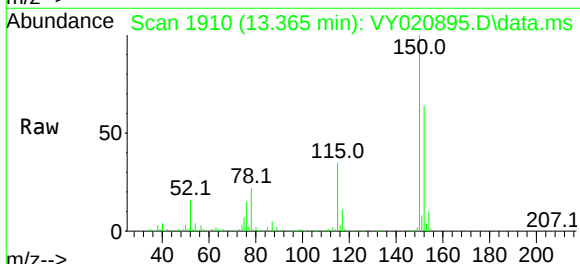
Tgt Ion:152 Resp: 213965

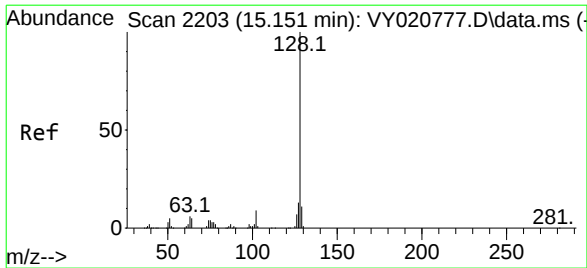
Ion Ratio Lower Upper

152 100

115 57.0 29.0 87.0

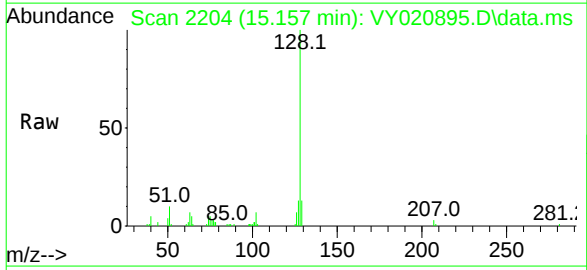
150 157.1 0.0 347.4





#95
Naphthalene
Concen: 2.826 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. -0.012 min
Lab File: VY020895.D
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Tgt Ion:	128	Resp:	17799
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.5	15.7
129	11.2	8.6	12.8

