

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020894.D
 Acq On : 22 Jan 2025 11:27
 Operator : SY/MD
 Sample : Q1141-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 23 00:44:23 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)

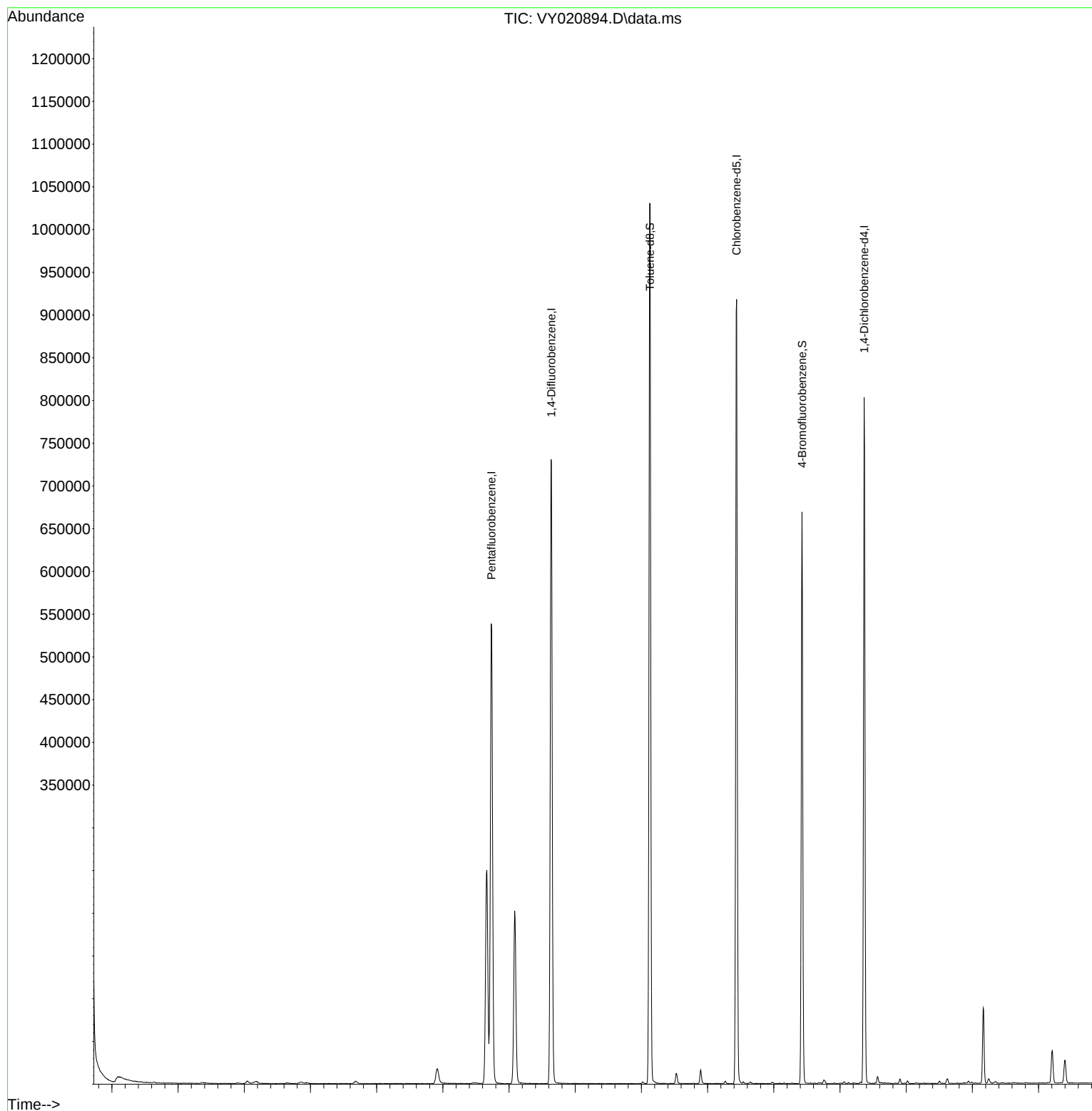
Internal Standards						
1) Pentafluorobenzene	7.731	168	440191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.640	114	670720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.438	117	523054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	214524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	164326	43.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.840%
35) Dibromofluoromethane	7.664	113	184197	43.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.680%
50) Toluene-d8	10.127	98	698835	47.708	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.426	95	201670	37.282	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.560%
Target Compounds						
95) Naphthalene	15.169	128	74048	11.728	ug/l	Qvalue 99

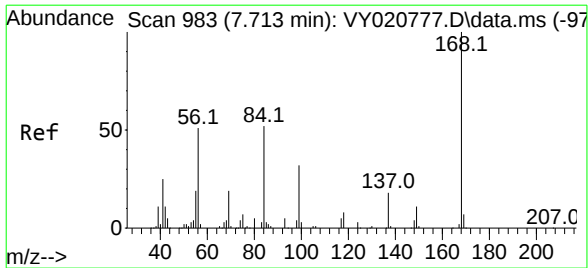
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
Data File : VY020894.D
Acq On : 22 Jan 2025 11:27
Operator : SY/MD
Sample : Q1141-02
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

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

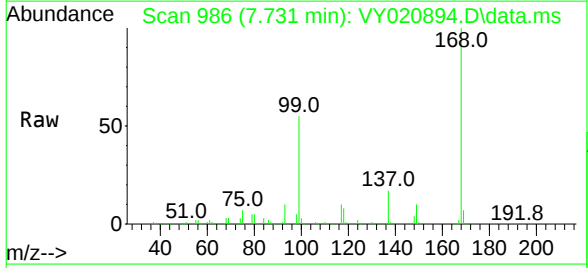
Quant Time: Jan 23 00:44:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration



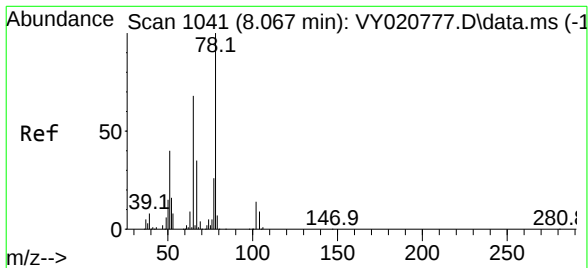
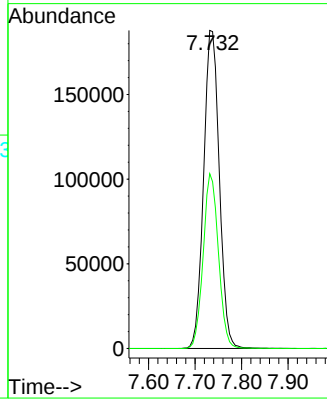
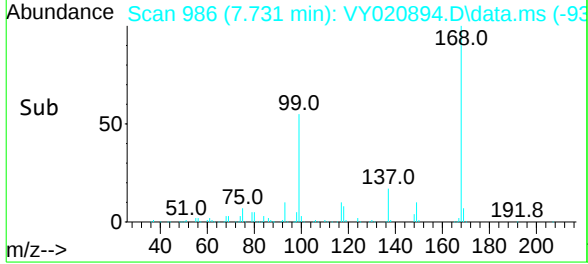


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.731 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020894.D
Acq: 22 Jan 2025 11:27

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

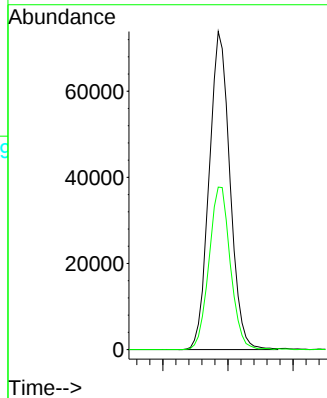
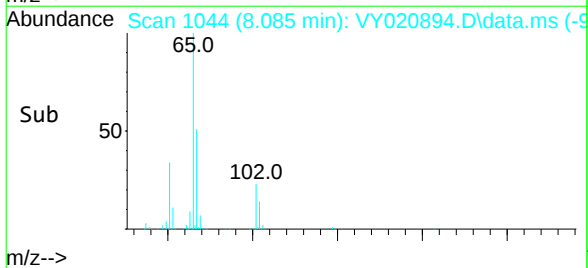
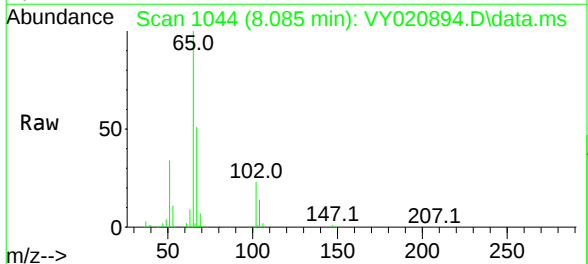


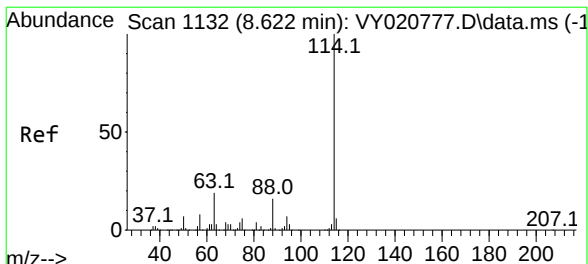
Tgt Ion:168 Resp: 440191
Ion Ratio Lower Upper
168 100
99 55.0 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 43.920 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY020894.D
Acq: 22 Jan 2025 11:27

Tgt Ion: 65 Resp: 164326
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8

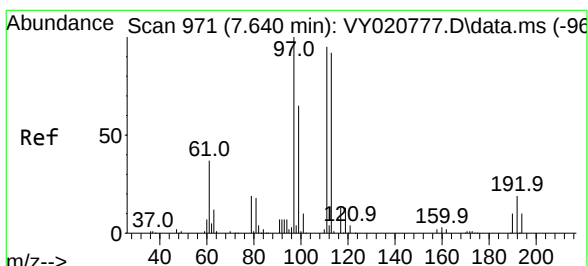
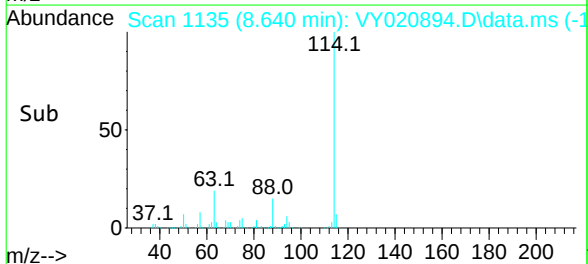
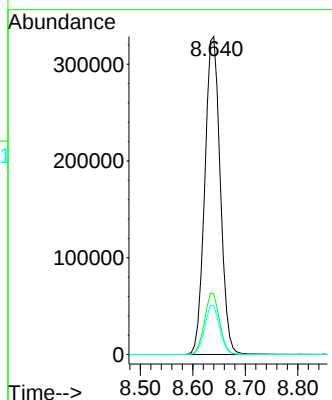
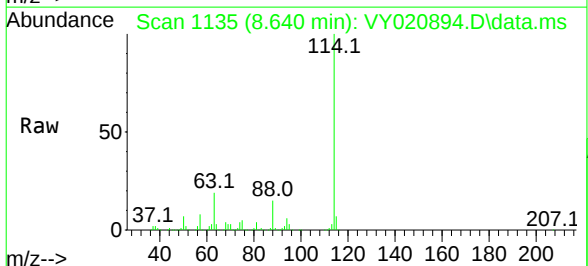




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.640 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020894.D
 Acq: 22 Jan 2025 11:27

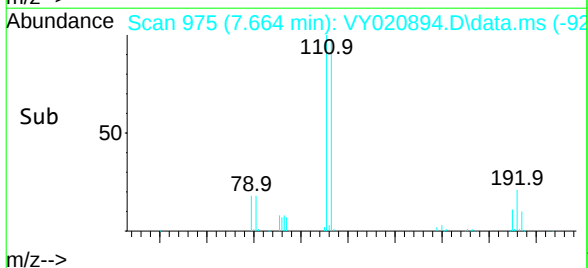
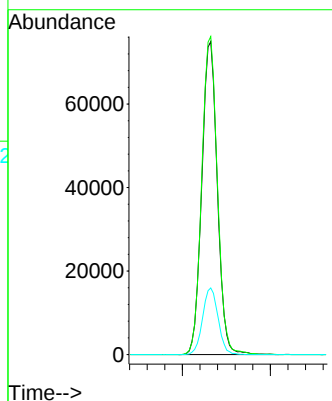
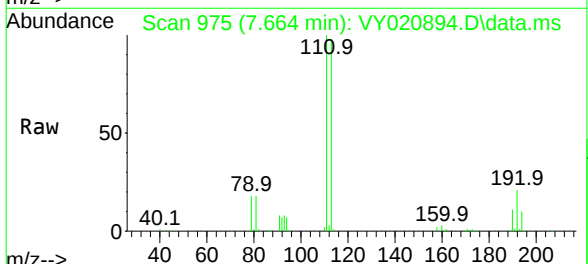
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-4-012125-VOC

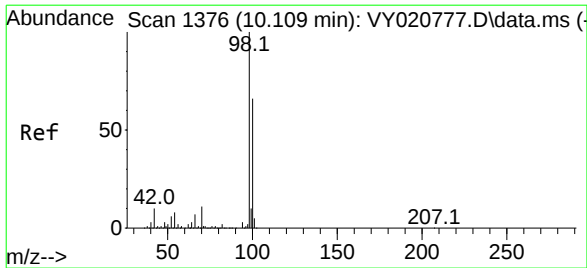
Tgt Ion:	114	Resp:	670720
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	15.4	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 43.836 ug/l
 RT: 7.664 min Scan# 975
 Delta R.T. 0.000 min
 Lab File: VY020894.D
 Acq: 22 Jan 2025 11:27

Tgt Ion:	113	Resp:	184197
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	21.2	16.7	25.1





#50

Toluene-d8

Concen: 47.708 ug/l

RT: 10.127 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020894.D

Acq: 22 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

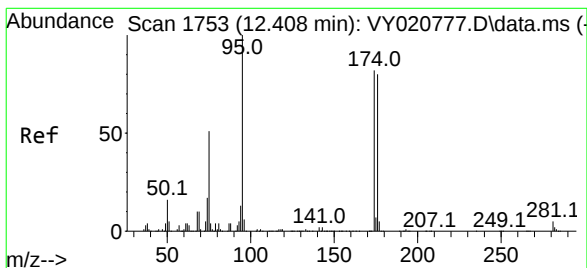
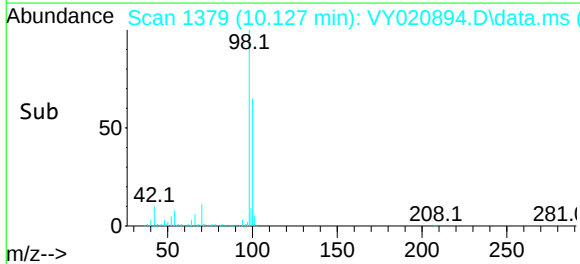
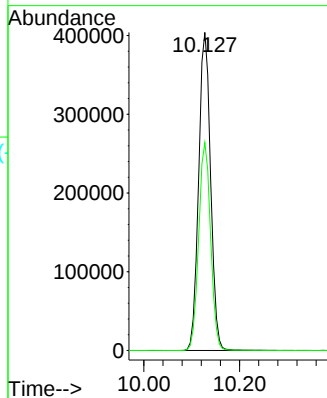
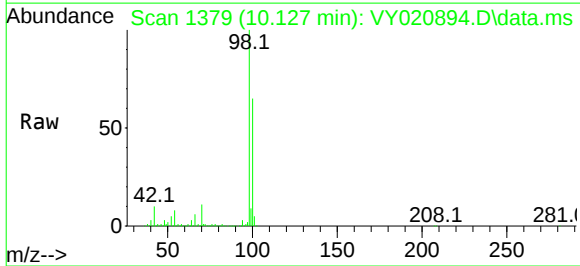
SU-4-012125-VOC

Tgt Ion: 98 Resp: 698835

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 37.282 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VY020894.D

Acq: 22 Jan 2025 11:27

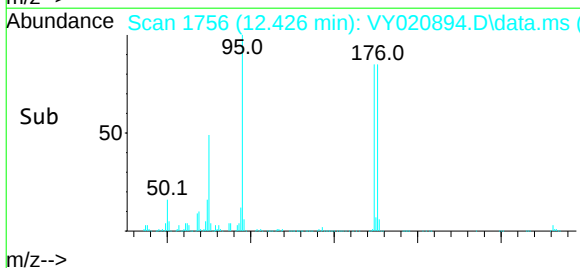
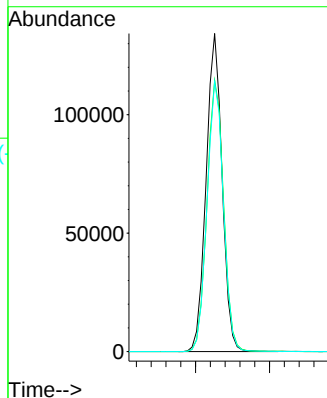
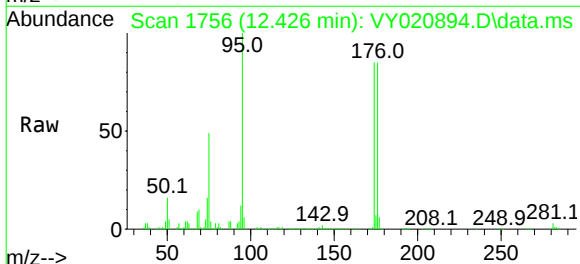
Tgt Ion: 95 Resp: 201670

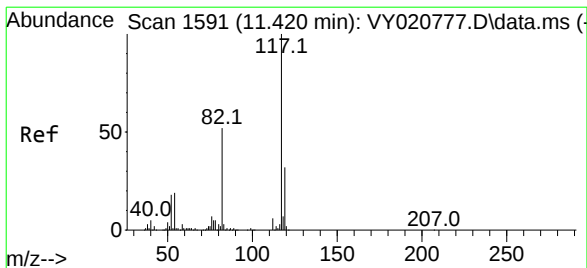
Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.0

176 86.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.438 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020894.D

Acq: 22 Jan 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

SU-4-012125-VOC

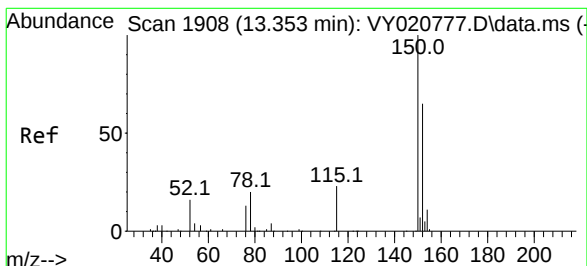
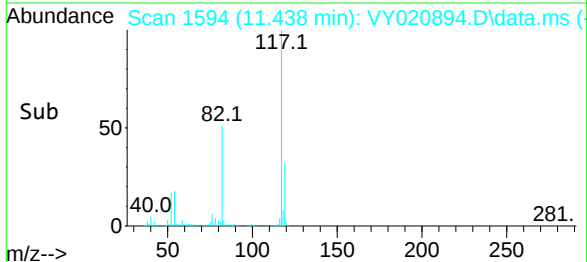
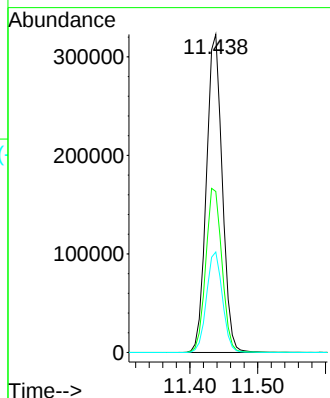
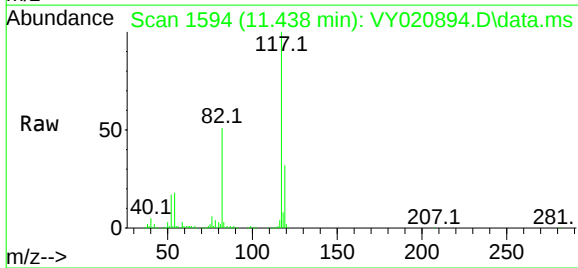
Tgt Ion:117 Resp: 523054

Ion Ratio Lower Upper

117 100

82 50.6 41.8 62.6

119 31.6 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: VY020894.D

Acq: 22 Jan 2025 11:27

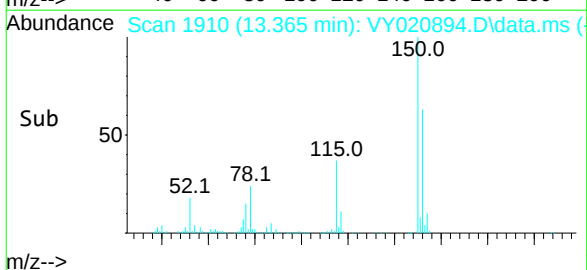
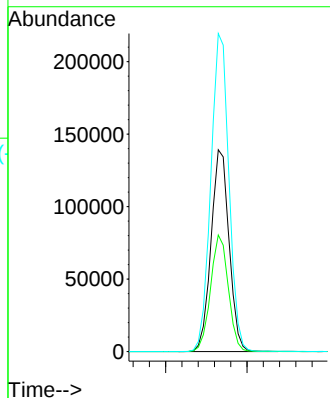
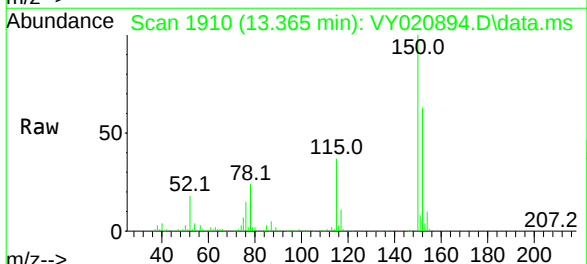
Tgt Ion:152 Resp: 214524

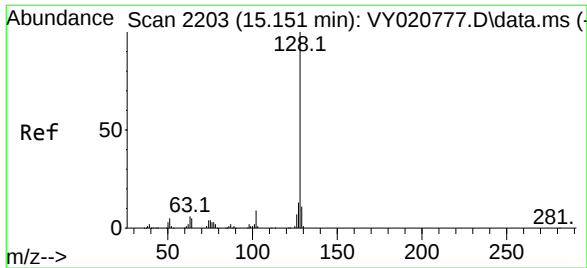
Ion Ratio Lower Upper

152 100

115 56.7 29.0 87.0

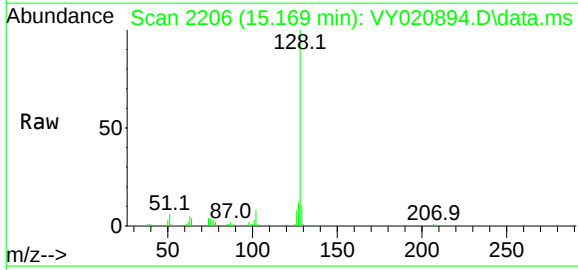
150 158.1 0.0 347.4





#95
Naphthalene
Concen: 11.728 ug/l
RT: 15.169 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VY020894.D
Acq: 22 Jan 2025 11:27

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



Tgt Ion:	128	Resp:	74048
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	11.0	8.6	12.8

