

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021098.D
 Acq On : 05 Feb 2025 18:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 06 00:58:18 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	4432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	8097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	7402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	1268	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3350	73.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.540%
35) Dibromofluoromethane	7.634	113	2990	57.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.240%
50) Toluene-d8	10.109	98	9317	47.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.414	95	2002	31.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.040%

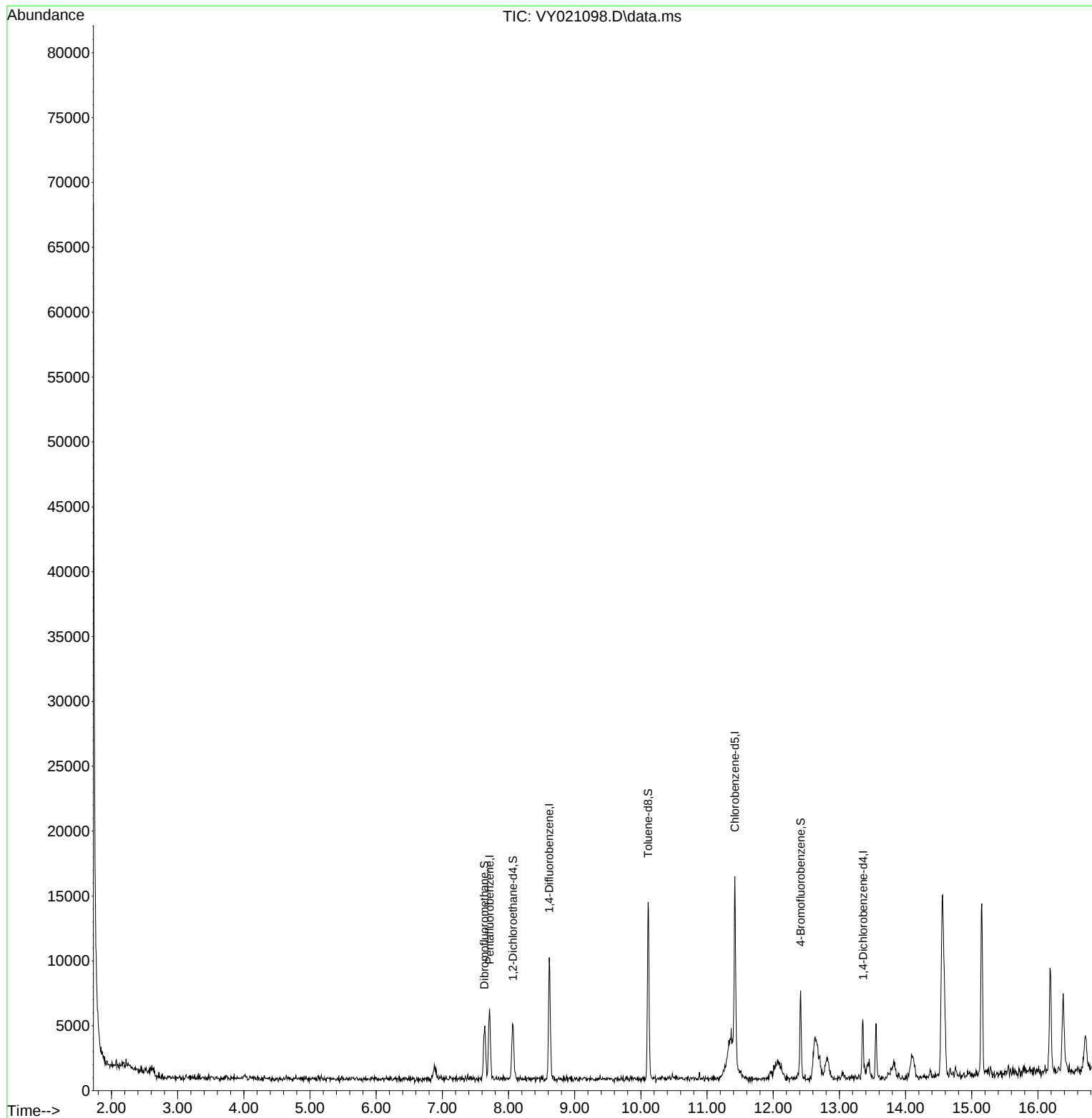
Target Compounds	Qvalue

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

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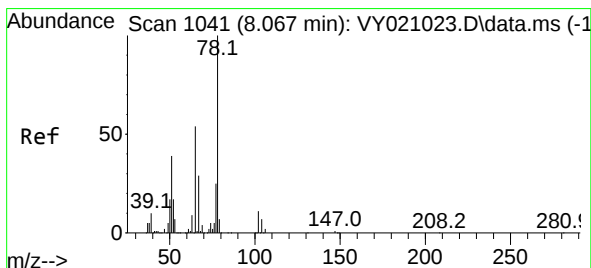
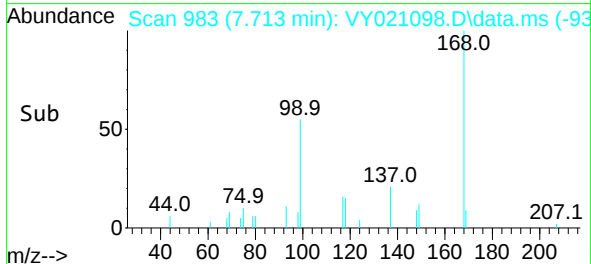
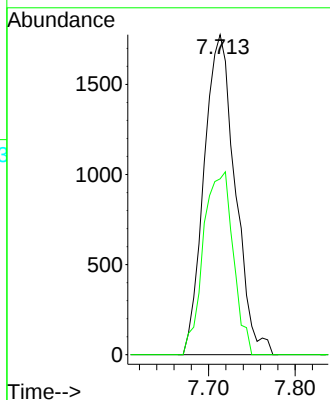
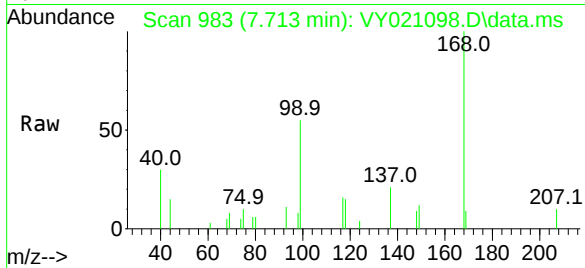




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021098.D
Acq: 05 Feb 2025 18:55

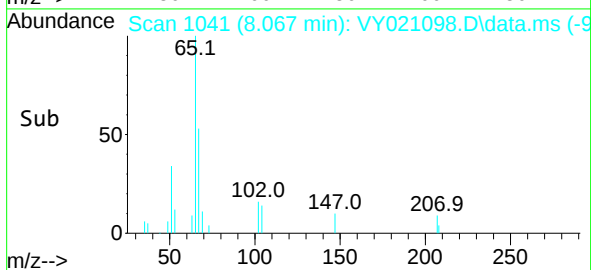
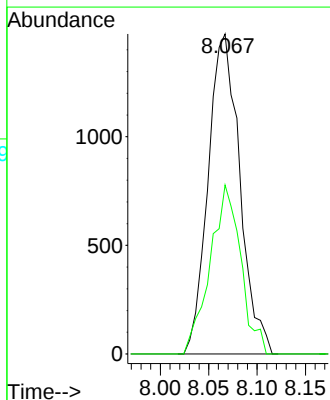
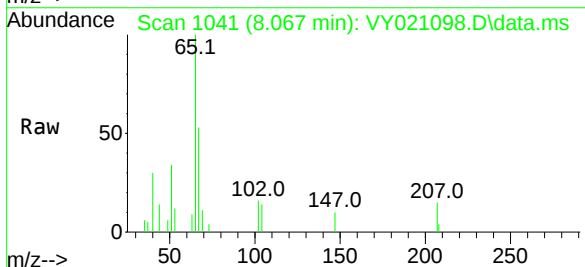
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

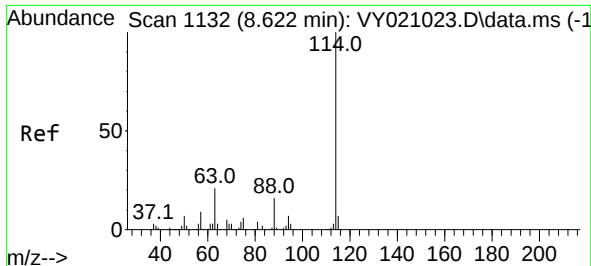
Tgt Ion:168 Resp: 4432
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 73.773 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021098.D
Acq: 05 Feb 2025 18:55

Tgt Ion: 65 Resp: 3350
Ion Ratio Lower Upper
65 100
67 51.1 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: VY021098.D

Acq: 05 Feb 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

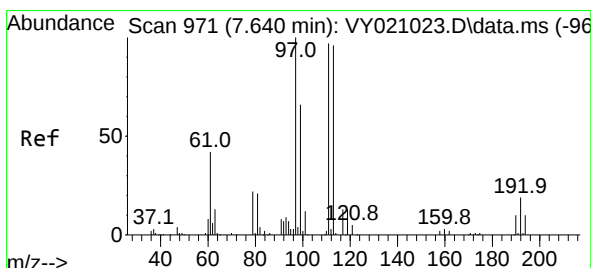
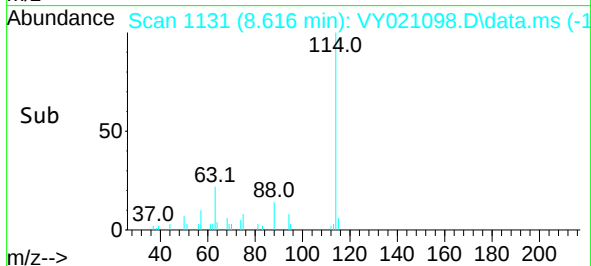
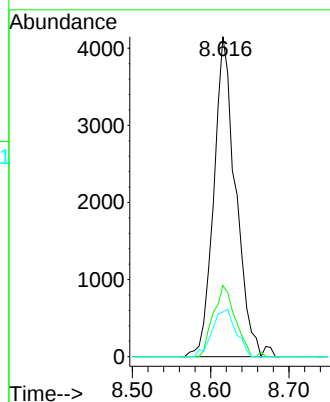
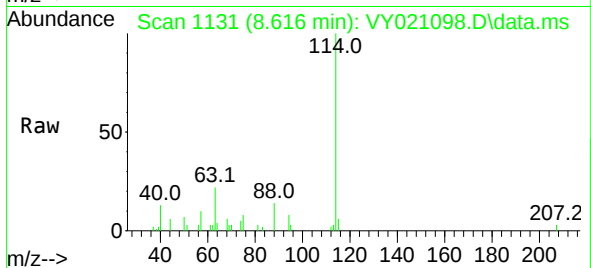
Tgt Ion:114 Resp: 8097

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.4

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 57.621 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021098.D

Acq: 05 Feb 2025 18:55

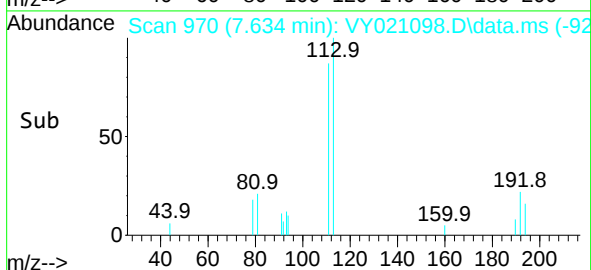
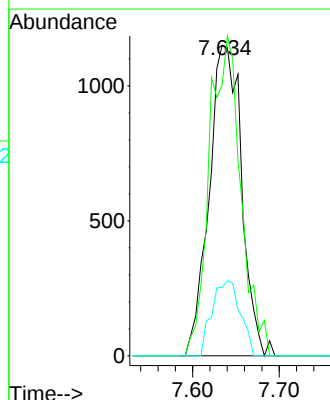
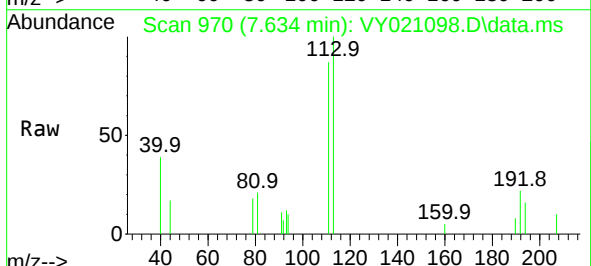
Tgt Ion:113 Resp: 2990

Ion Ratio Lower Upper

113 100

111 99.9 83.8 125.6

192 21.0 14.5 21.7

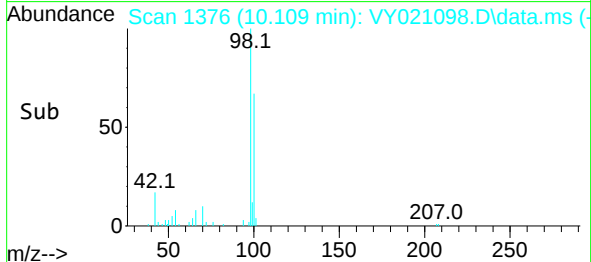
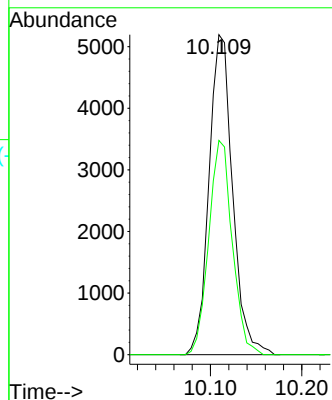
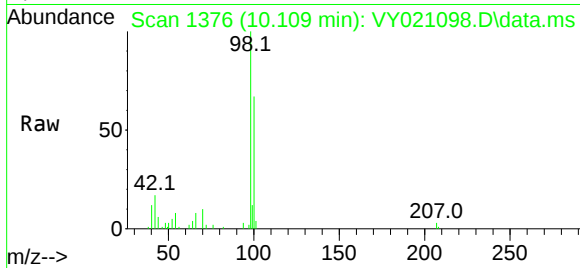




#50
Toluene-d8
Concen: 47.162 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021098.D
Acq: 05 Feb 2025 18:55

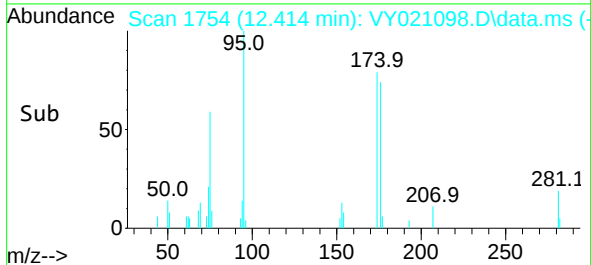
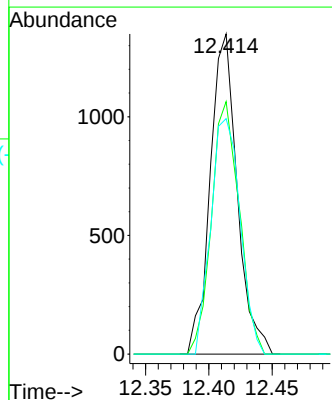
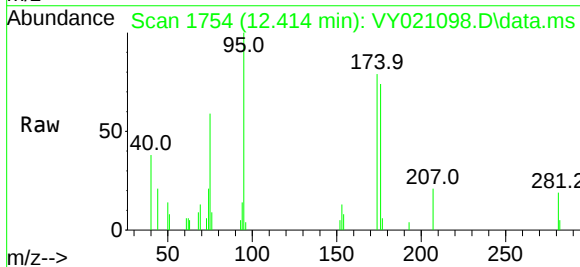
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VIBLK

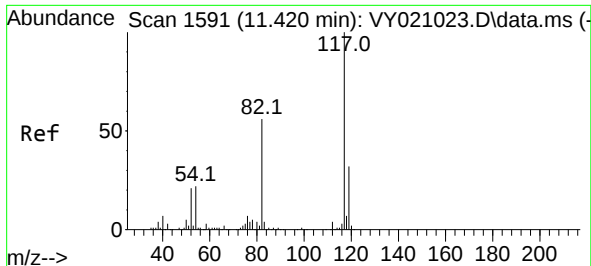
Tgt Ion: 98 Resp: 9317
Ion Ratio Lower Upper
98 100
100 66.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 31.020 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021098.D
Acq: 05 Feb 2025 18:55

Tgt Ion: 95 Resp: 2002
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.0
176 80.0 0.0 151.8

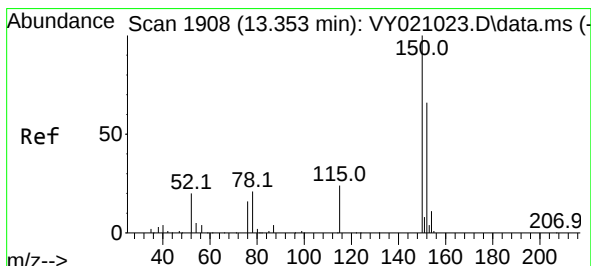
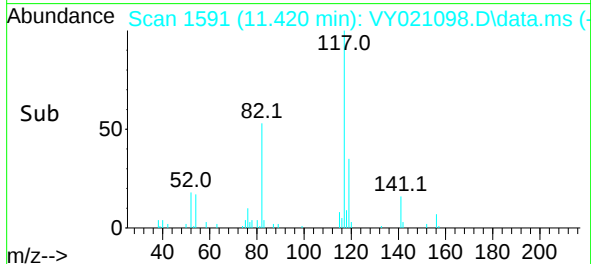
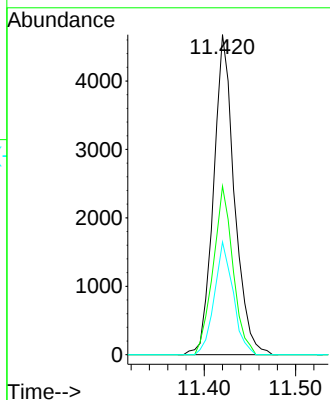
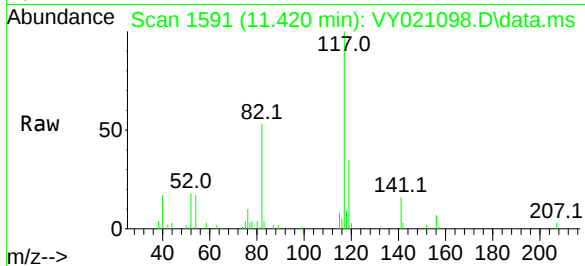




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021098.D
Acq: 05 Feb 2025 18:55

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117	Resp:	7402
Ion	Ratio	Lower Upper
117	100	
82	52.7	43.8 65.8
119	35.2	26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021098.D
Acq: 05 Feb 2025 18:55

Tgt Ion:152	Resp:	1268
Ion	Ratio	Lower Upper
152	100	
115	54.7	30.0 90.0
150	141.1	0.0 344.6

