

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022028.D
 Acq On : 28 Apr 2025 13:55
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 29 03:53:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	318995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	604906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	530446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	163571	55.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.634	113	206204	51.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.109	98	709996	47.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.408	95	196851	38.812	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.620%

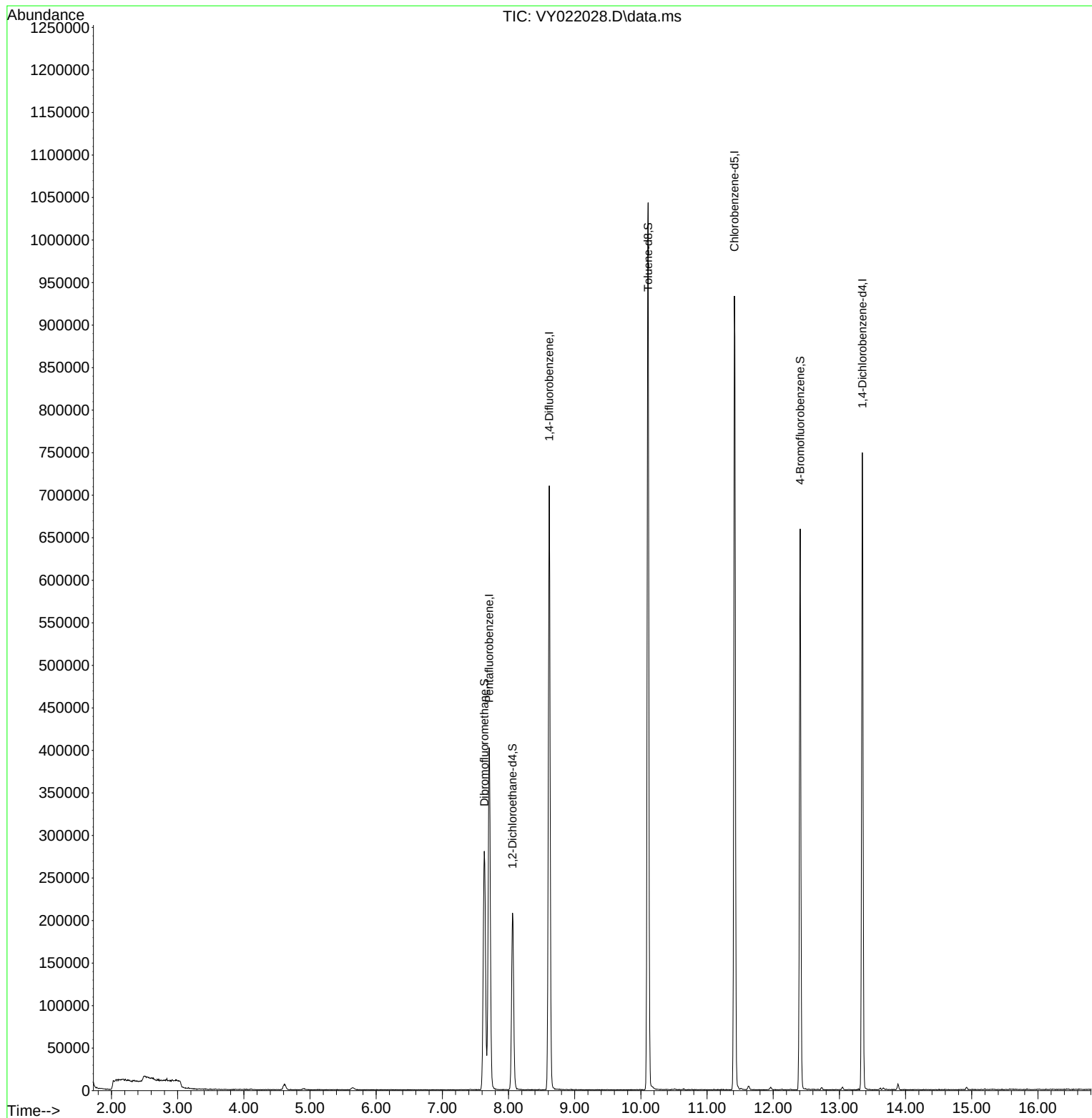
Target Compounds	Qvalue

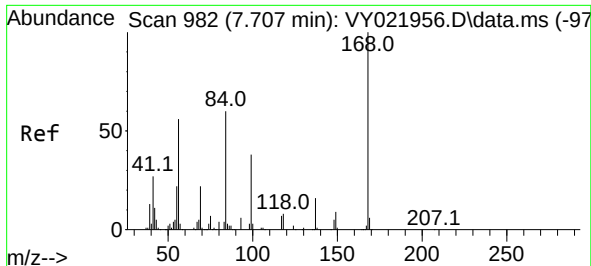
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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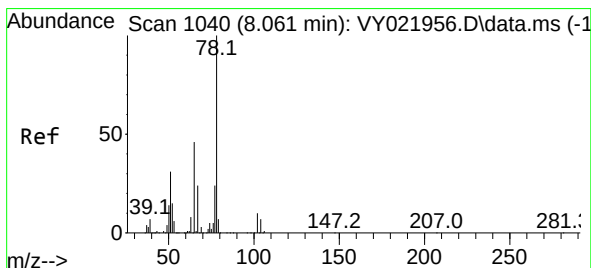
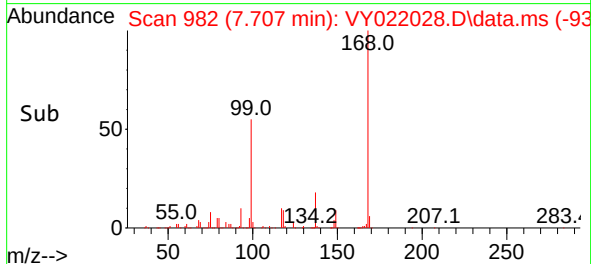
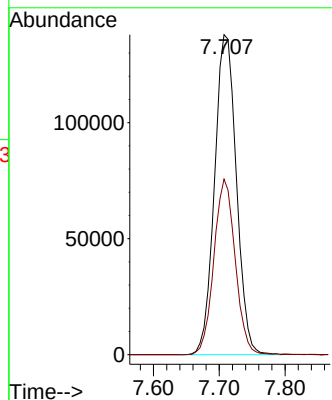
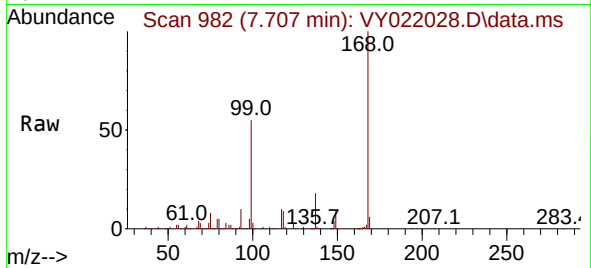




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

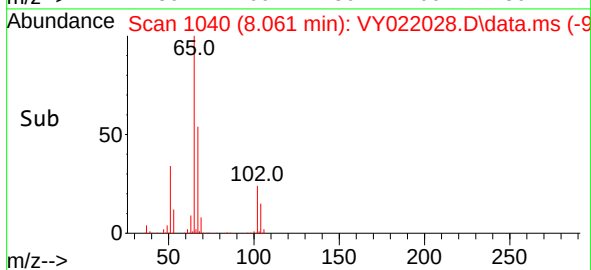
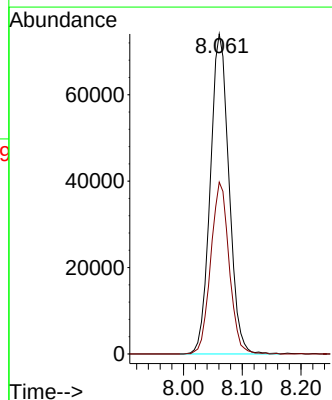
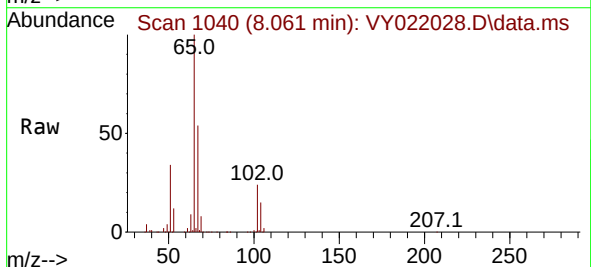
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

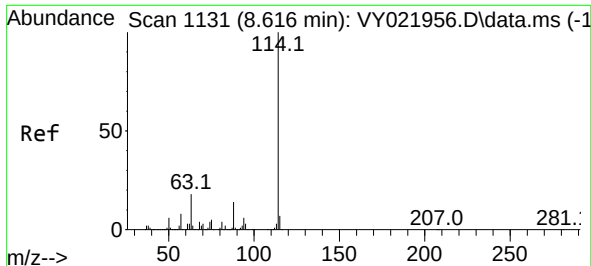
Tgt Ion:168 Resp: 318995
Ion Ratio Lower Upper
168 100
99 54.9 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 55.514 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Tgt Ion: 65 Resp: 163571
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022028.D

Acq: 28 Apr 2025 13:55

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

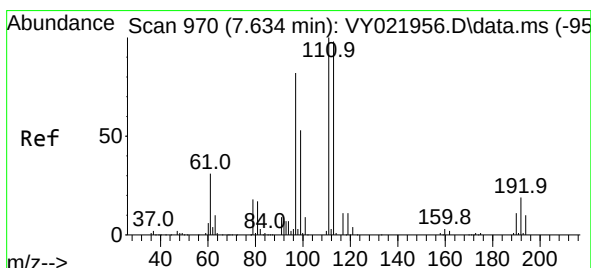
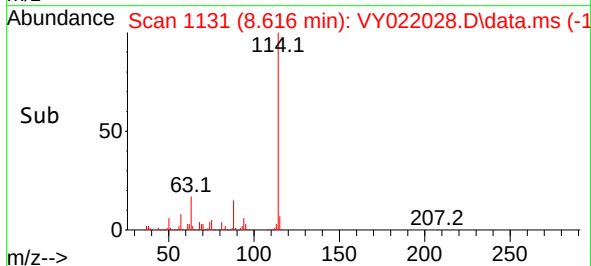
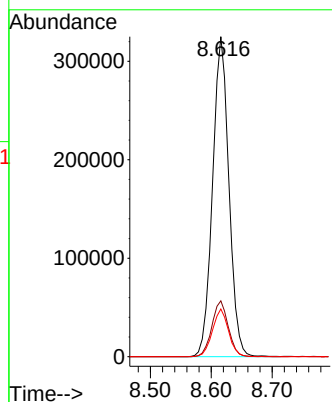
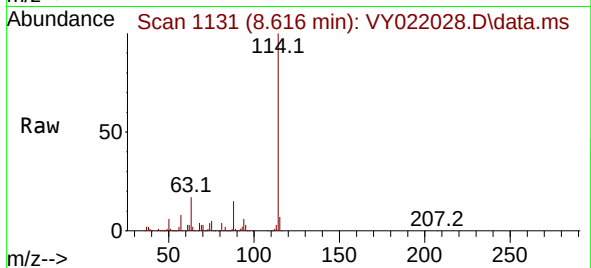
Tgt Ion:114 Resp: 604906

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

88 14.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.598 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022028.D

Acq: 28 Apr 2025 13:55

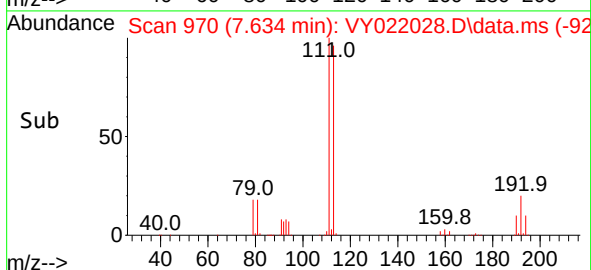
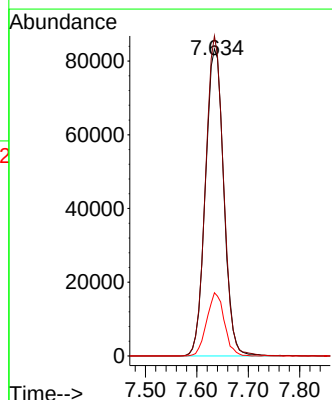
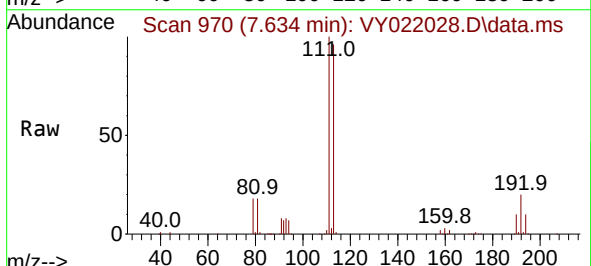
Tgt Ion:113 Resp: 206204

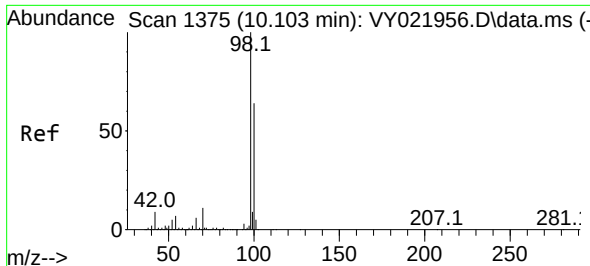
Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 19.8 15.6 23.4

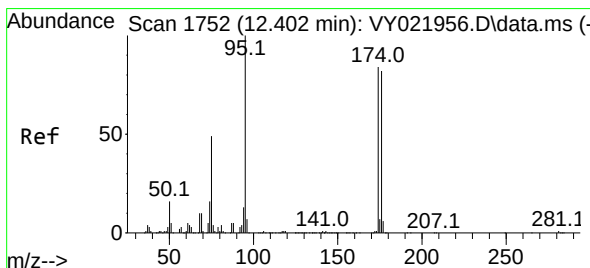
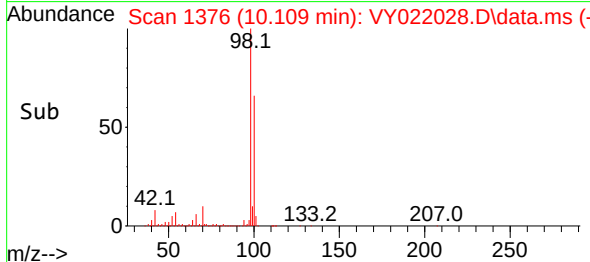
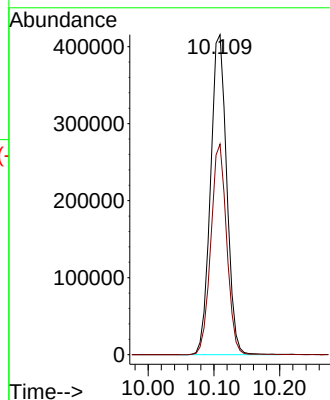
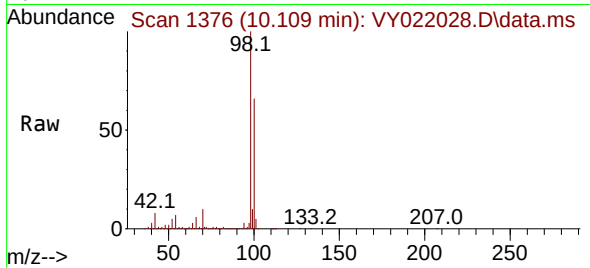




#50
Toluene-d8
Concen: 47.125 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

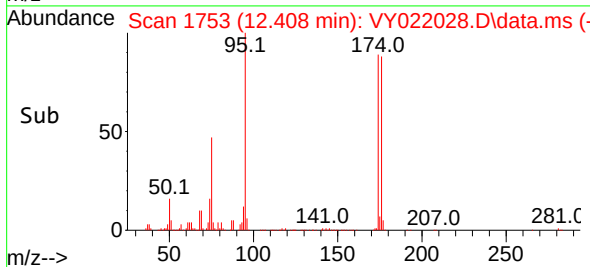
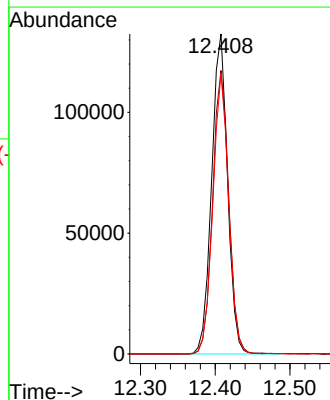
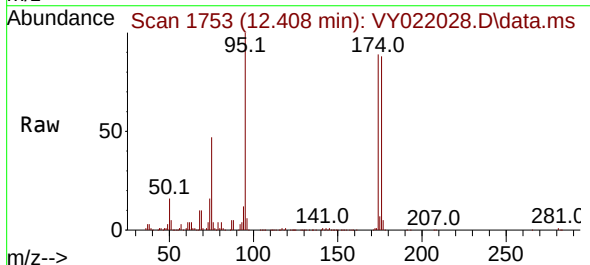
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

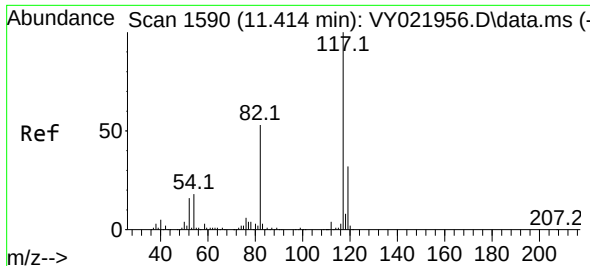
Tgt Ion: 98 Resp: 709996
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.812 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Tgt Ion: 95 Resp: 196851
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.0
176 86.8 0.0 171.8

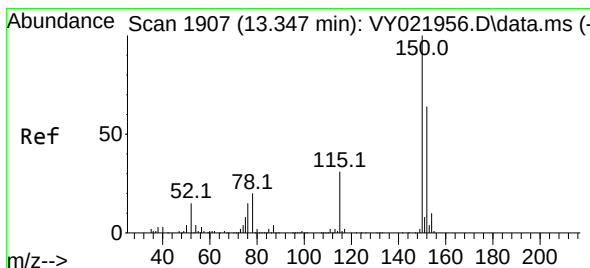
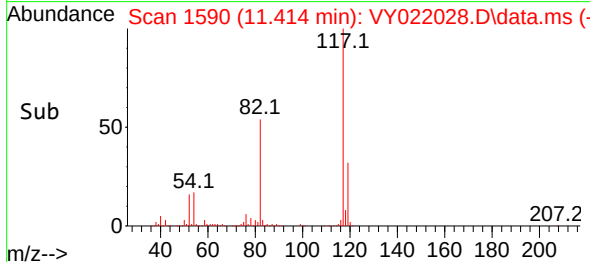
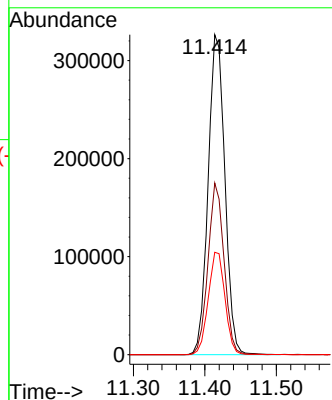
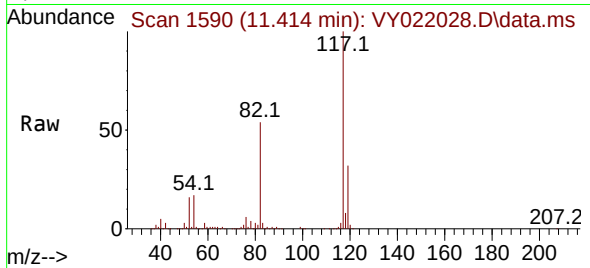




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 530446
Ion Ratio Lower Upper
117 100
82 53.7 42.1 63.1
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022028.D
Acq: 28 Apr 2025 13:55

Tgt Ion:152 Resp: 196872
Ion Ratio Lower Upper
152 100
115 55.9 28.0 84.0
150 155.7 0.0 345.6

