

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021306.D
 Acq On : 24 Feb 2025 17:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 25 01:41:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	193410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	371707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	360124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	117402	57.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.180%
35) Dibromofluoromethane	7.634	113	121132	50.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.103	98	464099	53.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.407	95	156008	51.909	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.820%

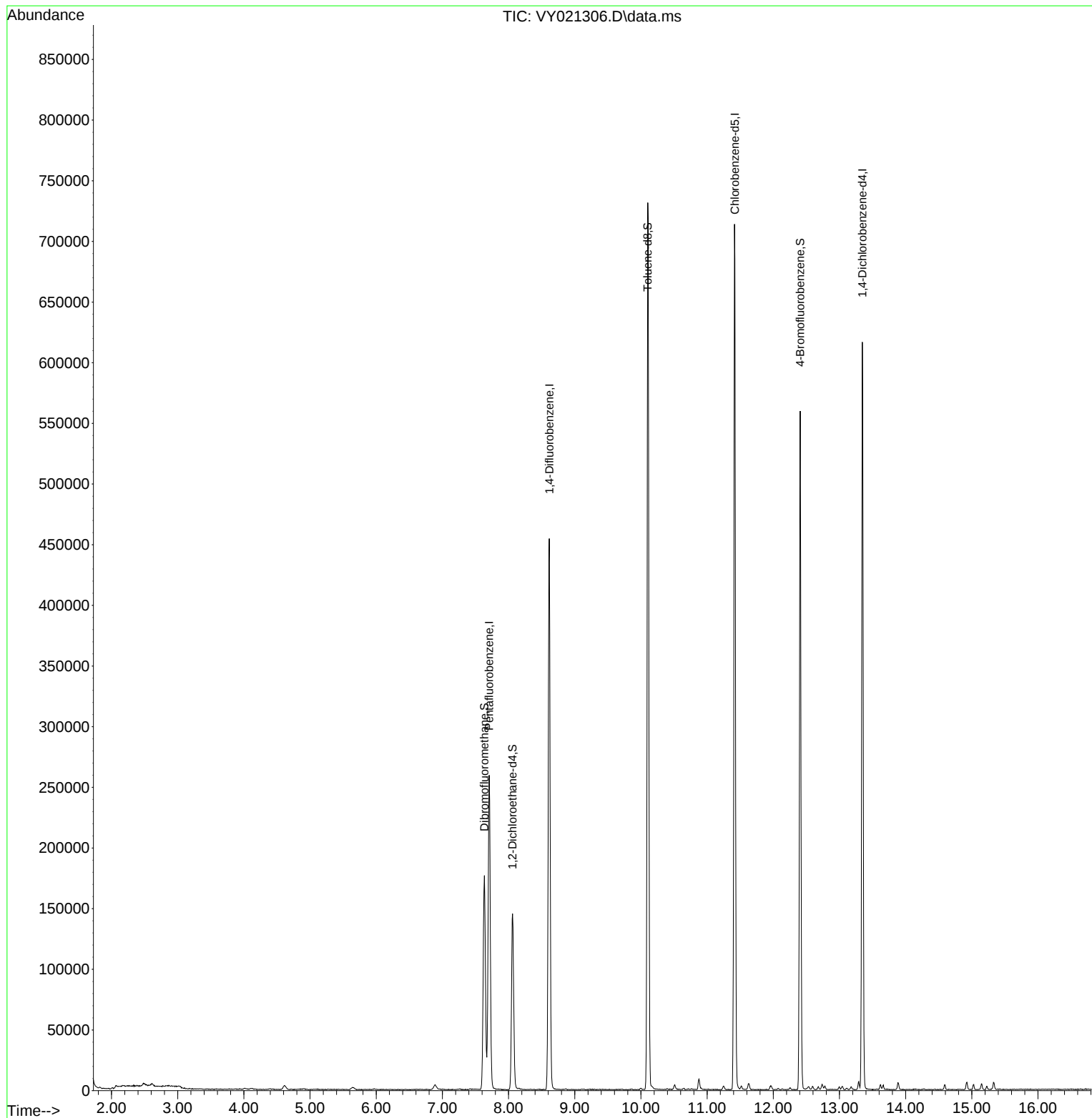
Target Compounds	Qvalue

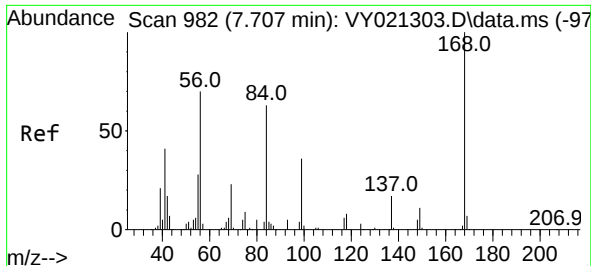
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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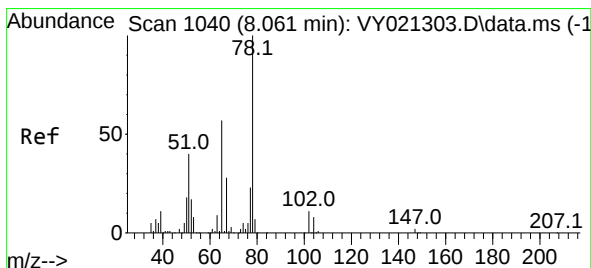
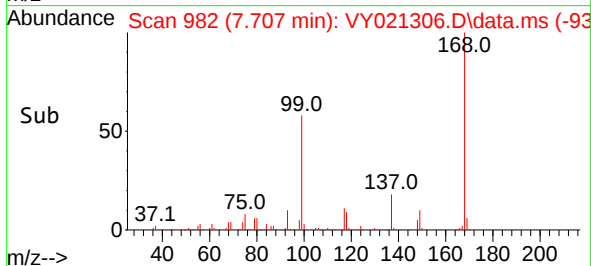
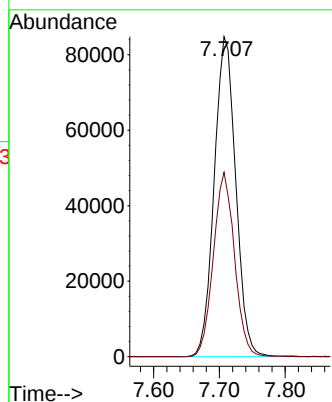
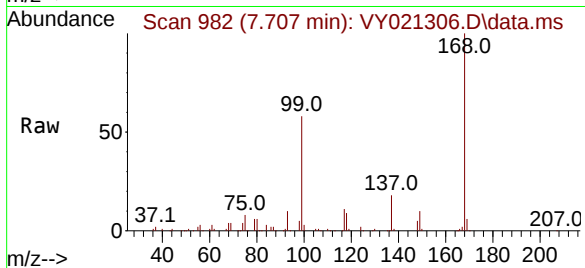




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021306.D
Acq: 24 Feb 2025 17:23

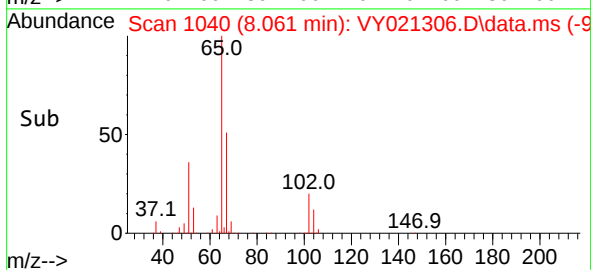
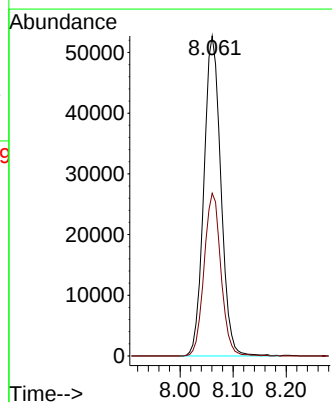
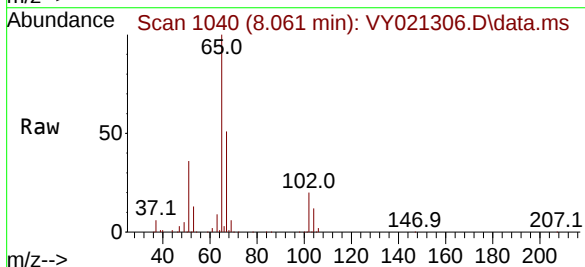
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

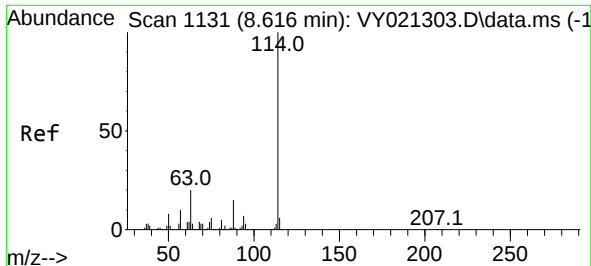
Tgt Ion:168 Resp: 193410
Ion Ratio Lower Upper
168 100
99 57.6 45.0 67.6



#33
1,2-Dichloroethane-d4
Concen: 57.091 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021306.D
Acq: 24 Feb 2025 17:23

Tgt Ion: 65 Resp: 117402
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021306.D

Acq: 24 Feb 2025 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

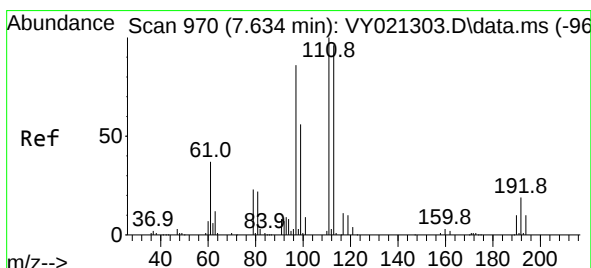
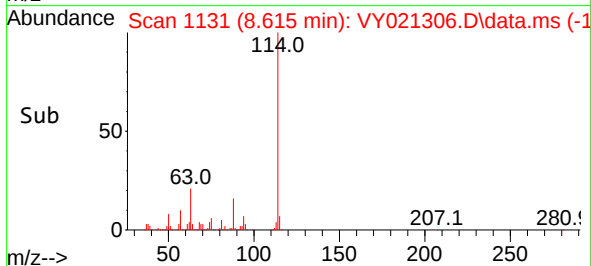
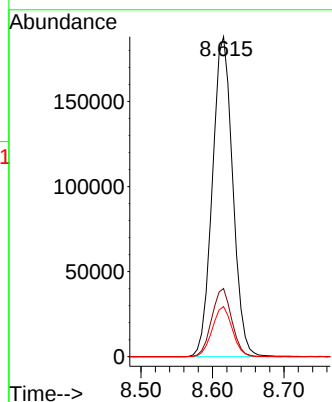
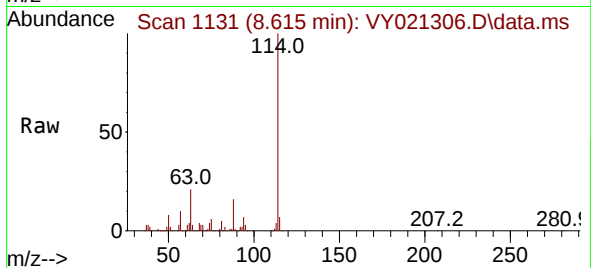
Tgt Ion:114 Resp: 371707

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.0

88 15.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.990 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021306.D

Acq: 24 Feb 2025 17:23

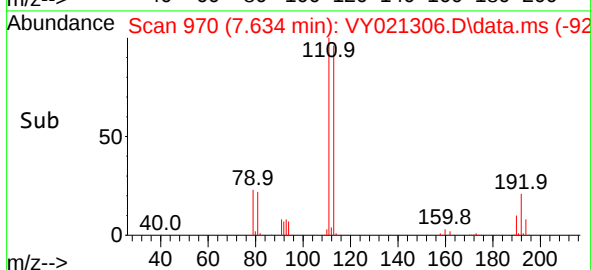
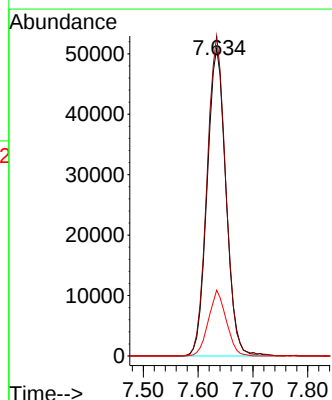
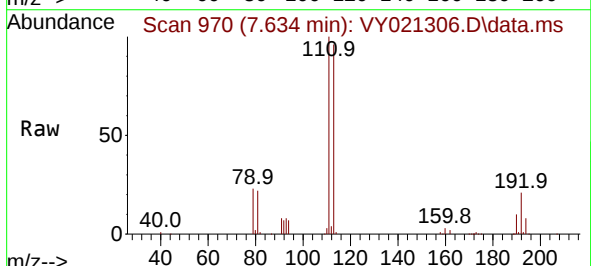
Tgt Ion:113 Resp: 121132

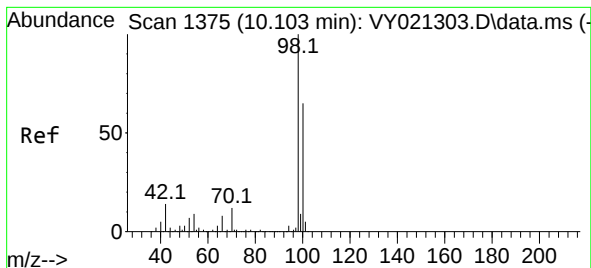
Ion Ratio Lower Upper

113 100

111 103.5 81.1 121.7

192 20.2 15.8 23.8





#50

Toluene-d8

Concen: 53.330 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY021306.D

Acq: 24 Feb 2025 17:23

Instrument :

MSVOA_Y

ClientSampleId :

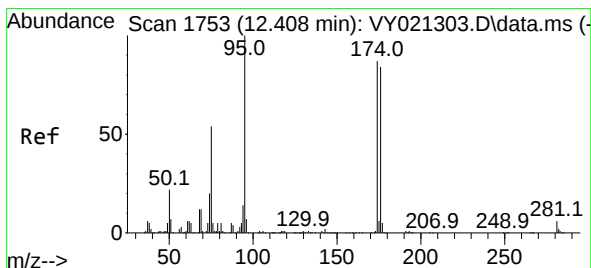
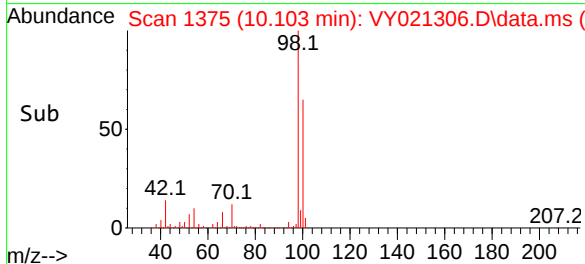
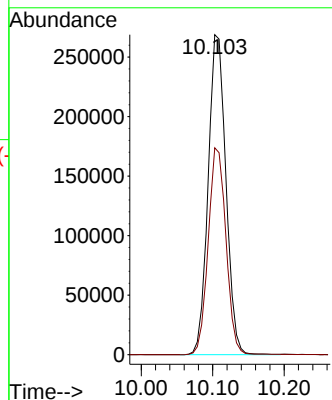
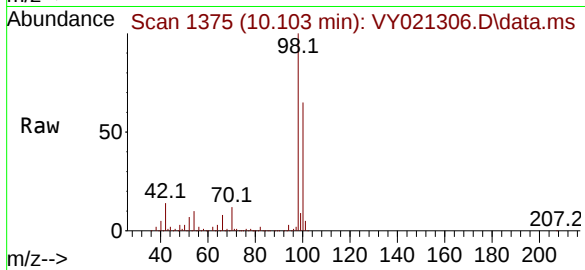
VIBLK

Tgt Ion: 98 Resp: 464099

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 51.909 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY021306.D

Acq: 24 Feb 2025 17:23

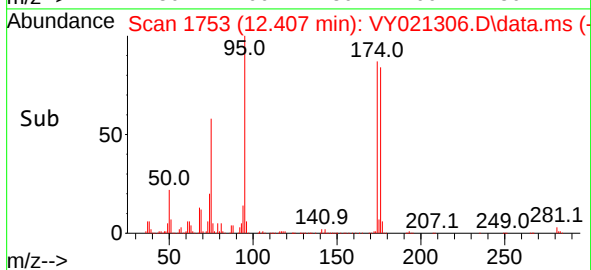
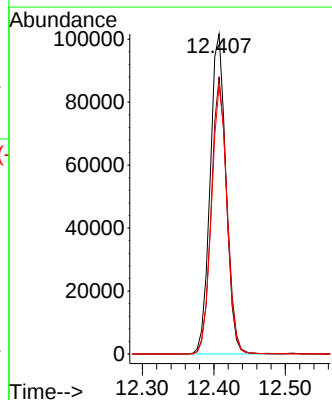
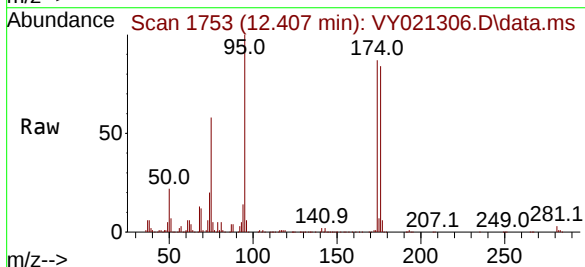
Tgt Ion: 95 Resp: 156008

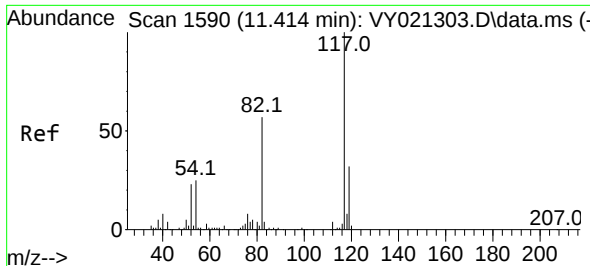
Ion Ratio Lower Upper

95 100

174 85.8 0.0 168.2

176 82.6 0.0 164.6

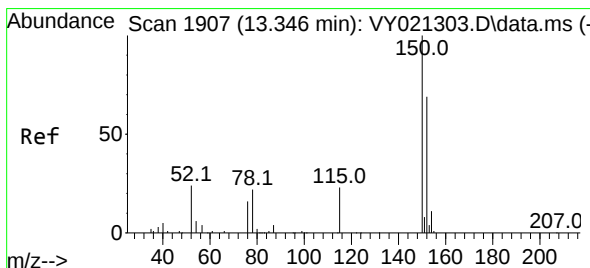
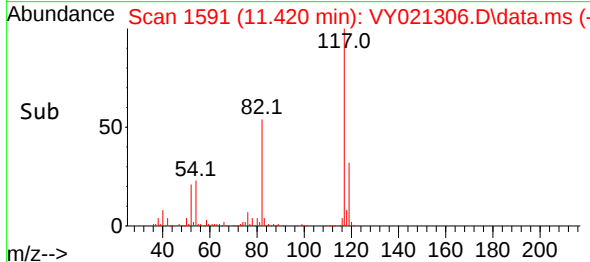
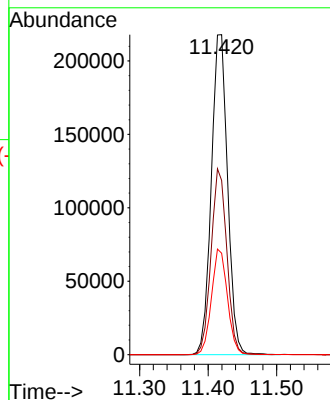
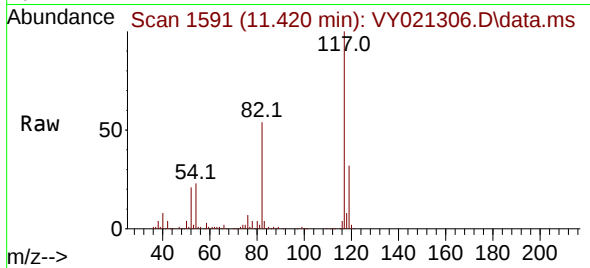




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021306.D
Acq: 24 Feb 2025 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 360124
Ion Ratio Lower Upper
117 100
82 54.5 45.6 68.4
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021306.D
Acq: 24 Feb 2025 17:23

Tgt Ion:152 Resp: 146636
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.1
150 157.2 0.0 345.8

