

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021818.D
 Acq On : 09 Apr 2025 14:50
 Operator : SY/MD
 Sample : IBL5
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 10 01:43:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	216200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	405858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	342428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119364	50.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.920%
35) Dibromofluoromethane	7.640	113	134304	51.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.109	98	494751	49.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.407	95	133426	39.384	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.760%

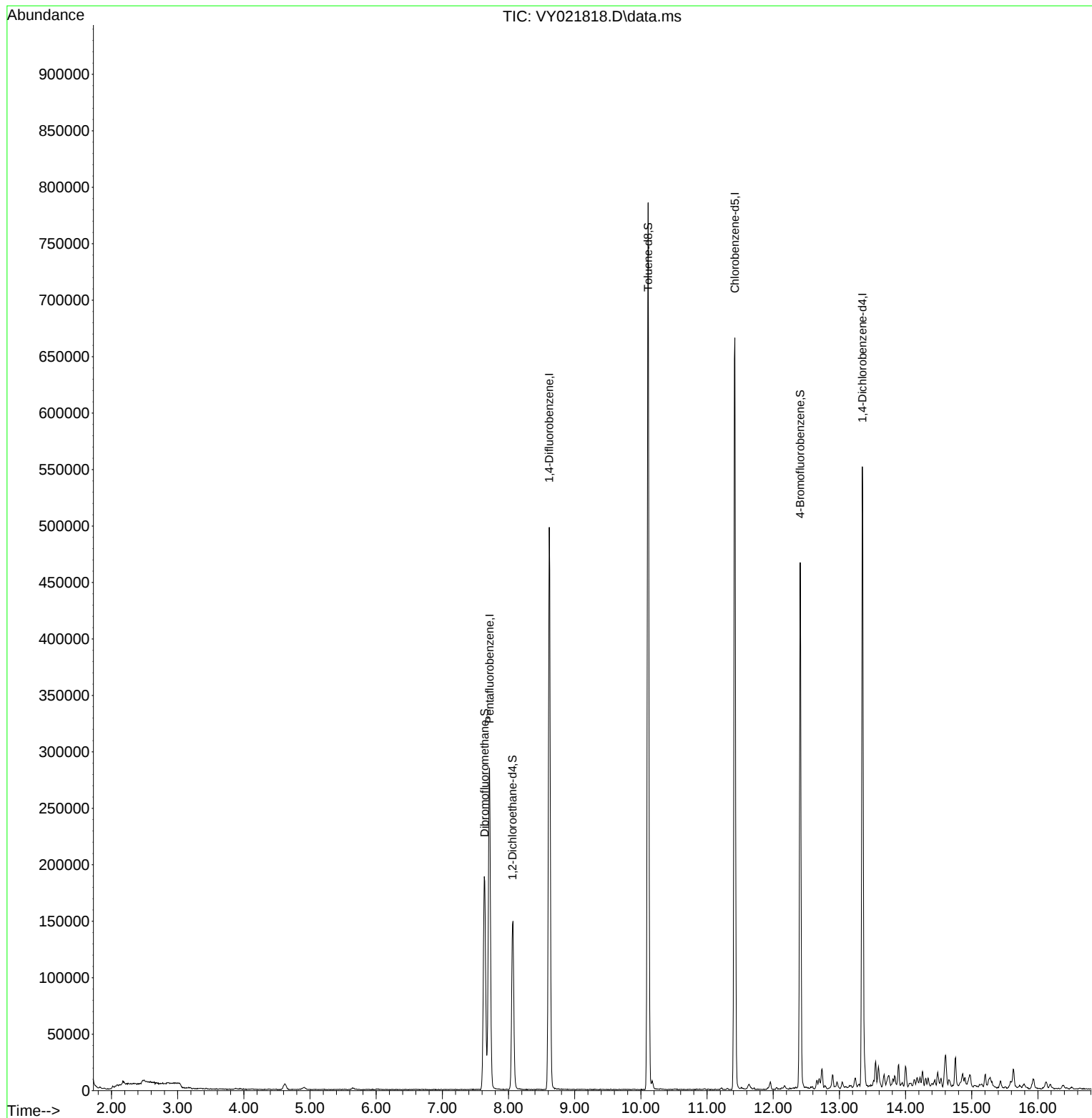
Target Compounds	Qvalue

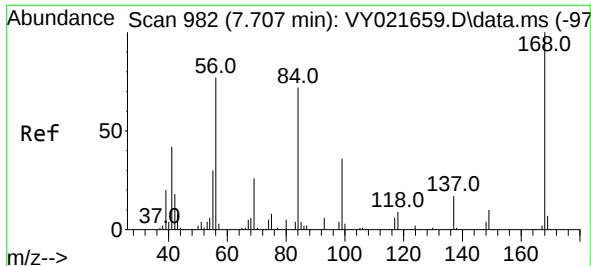
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
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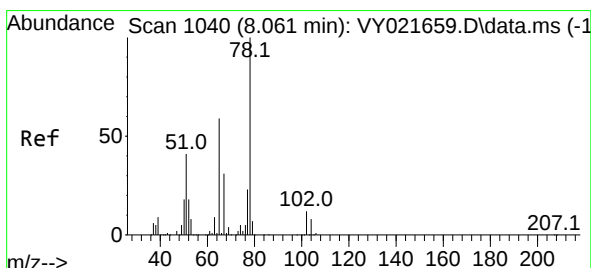
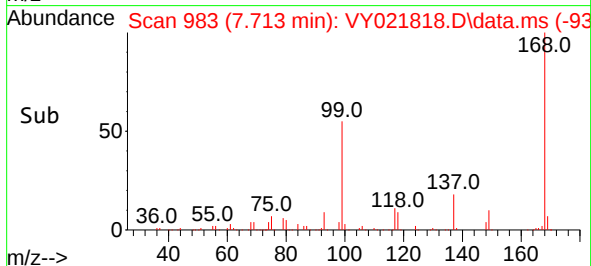
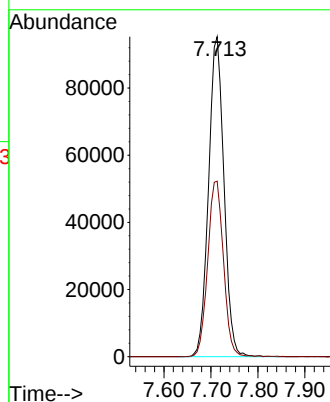
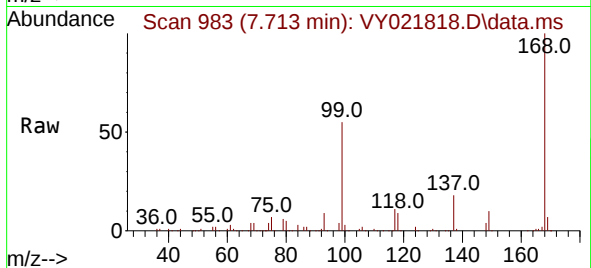




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021818.D
Acq: 09 Apr 2025 14:50

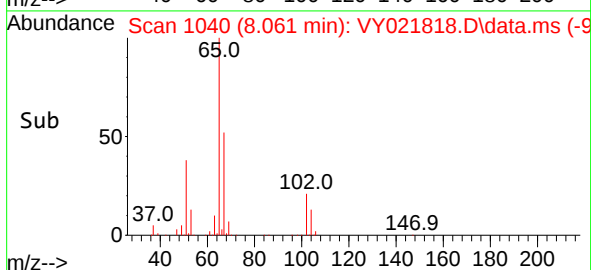
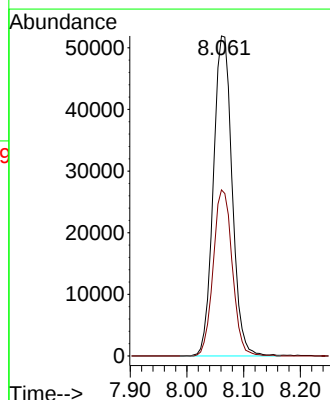
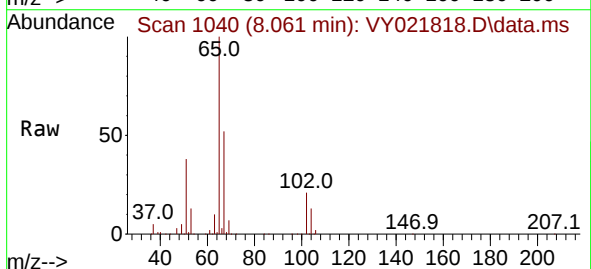
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

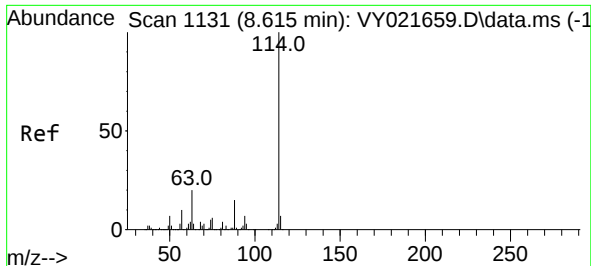
Tgt Ion:168 Resp: 216200
Ion Ratio Lower Upper
168 100
99 54.8 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 50.957 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021818.D
Acq: 09 Apr 2025 14:50

Tgt Ion: 65 Resp: 119364
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021818.D

Acq: 09 Apr 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

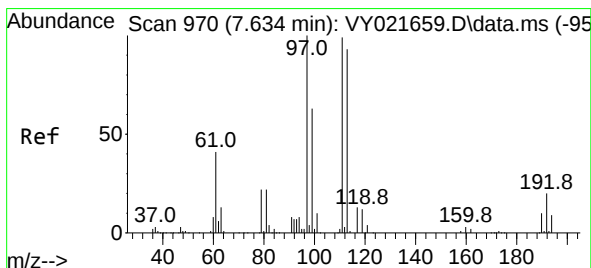
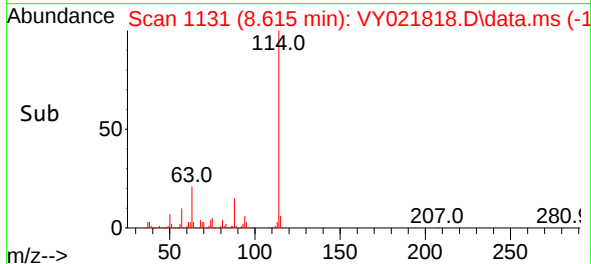
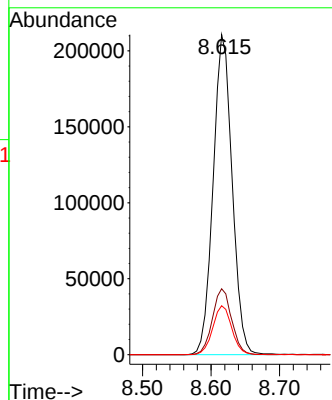
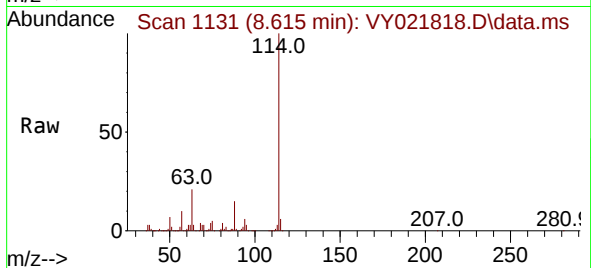
Tgt Ion:114 Resp: 405858

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.3 0.0 29.8



#35

Dibromofluoromethane

Concen: 51.013 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY021818.D

Acq: 09 Apr 2025 14:50

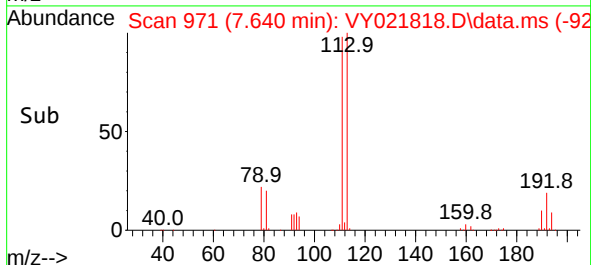
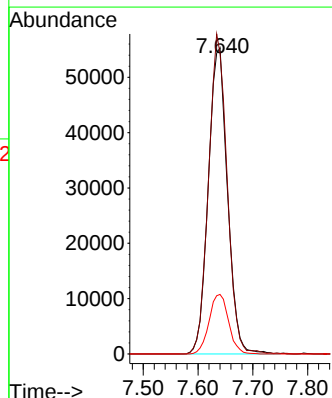
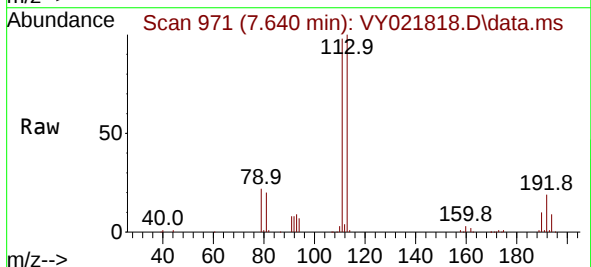
Tgt Ion:113 Resp: 134304

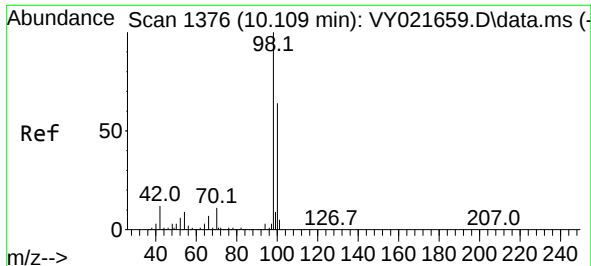
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 19.7 16.2 24.4

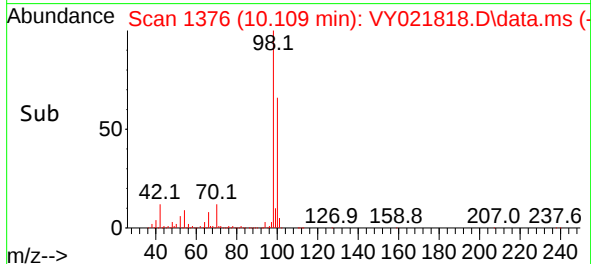
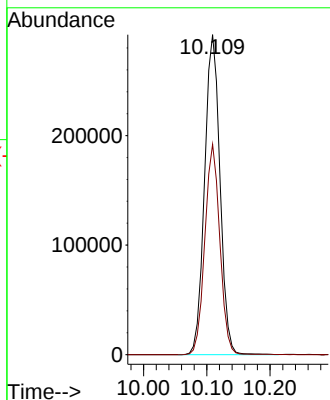
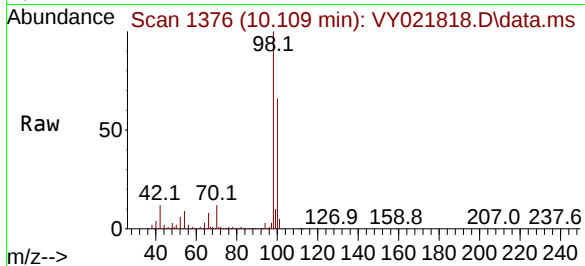




#50
Toluene-d8
Concen: 49.398 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021818.D
Acq: 09 Apr 2025 14:50

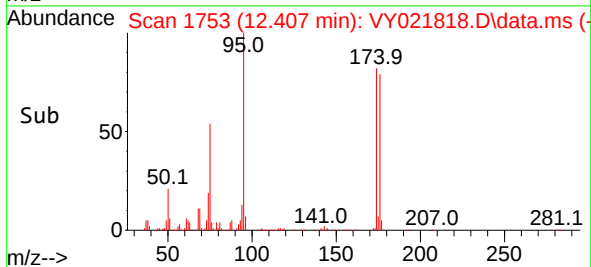
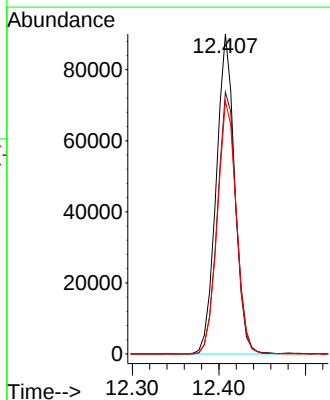
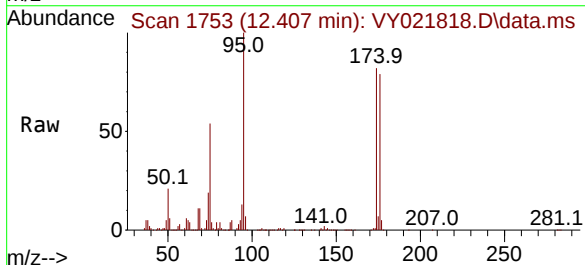
Instrument :
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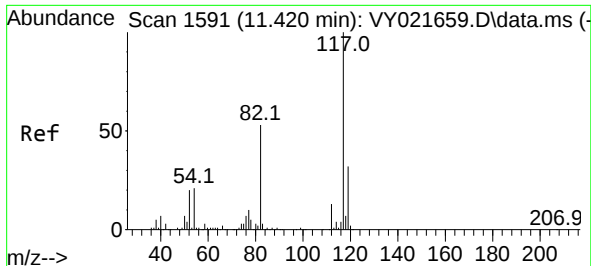
Tgt Ion: 98 Resp: 494751
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.384 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021818.D
Acq: 09 Apr 2025 14:50

Tgt Ion: 95 Resp: 133426
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 80.8 0.0 162.0

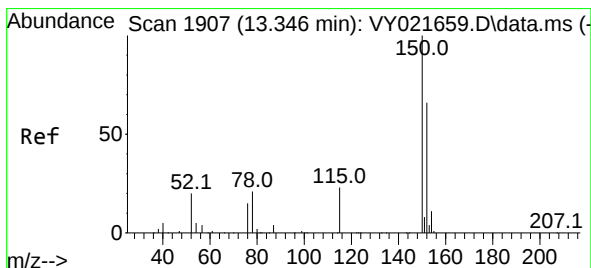
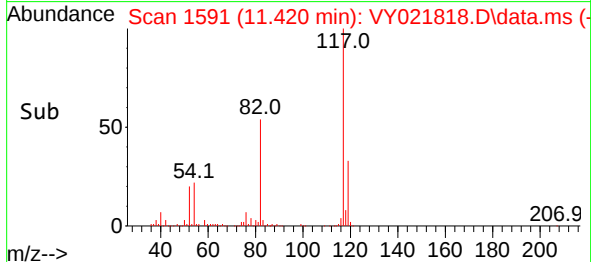
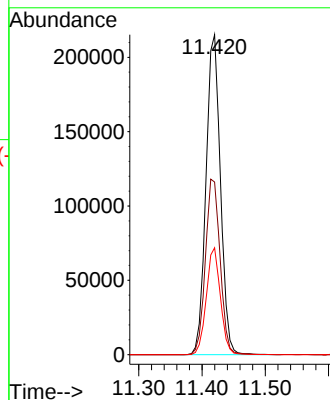
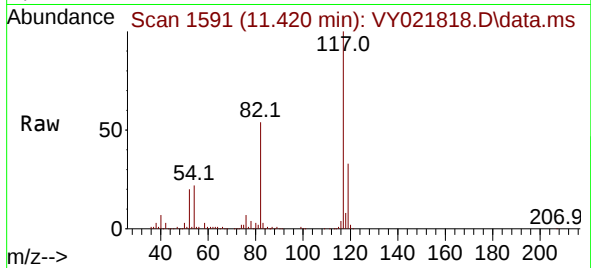




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY021818.D
Acq: 09 Apr 2025 14:50

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 342428
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 33.4 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: VY021818.D
Acq: 09 Apr 2025 14:50

Tgt Ion:152 Resp: 133394
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 158.6 0.0 348.4

