

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021791.D
 Acq On : 04 Apr 2025 17:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 04 23:41:30 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	7.707	168	356070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	706424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	691525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	309571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	233316	60.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.960%
35) Dibromofluoromethane	7.634	113	231806	50.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.180%
50) Toluene-d8	10.109	98	885199	50.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.408	95	312434	52.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.960%

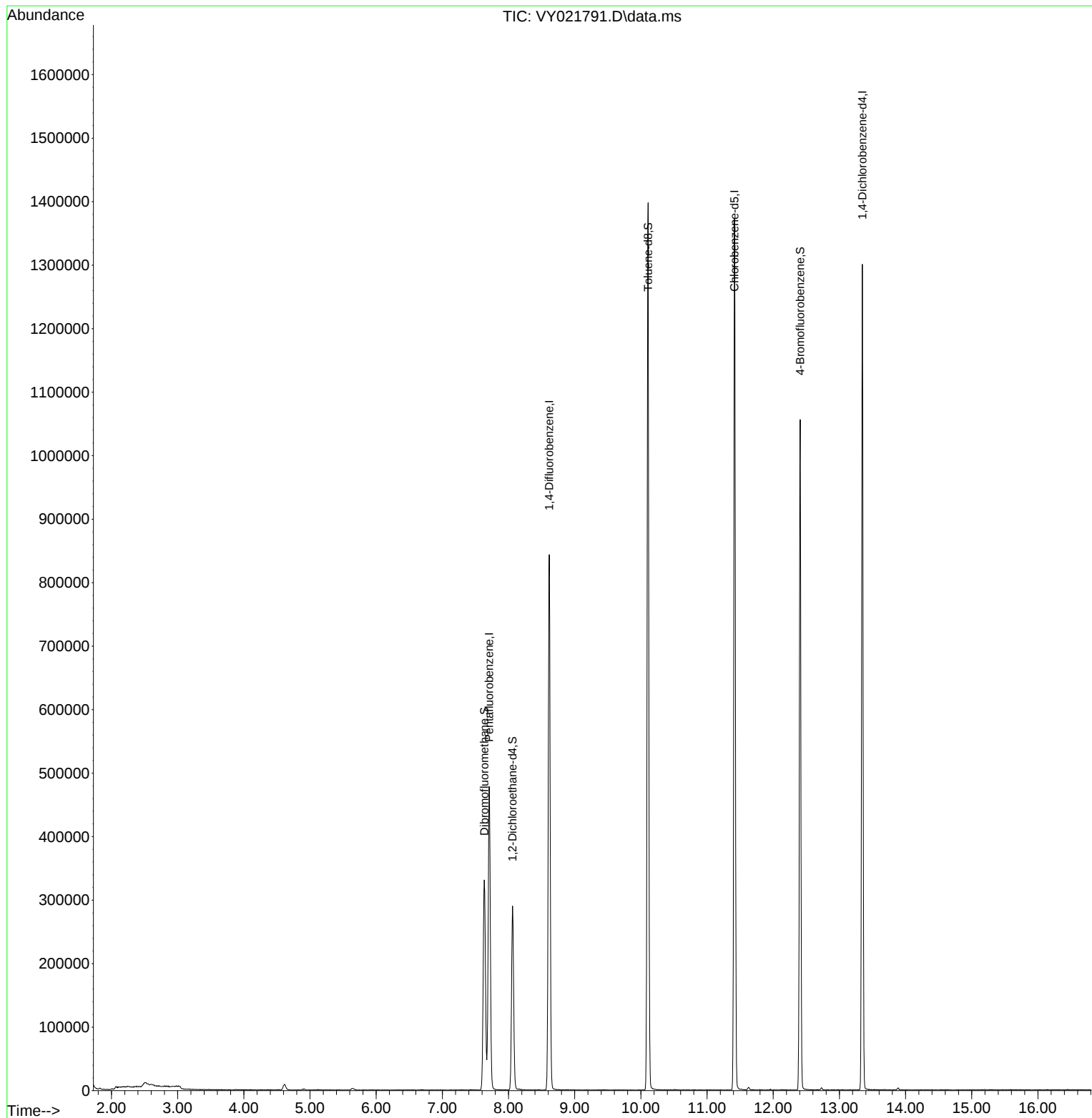
Target Compounds	Qvalue

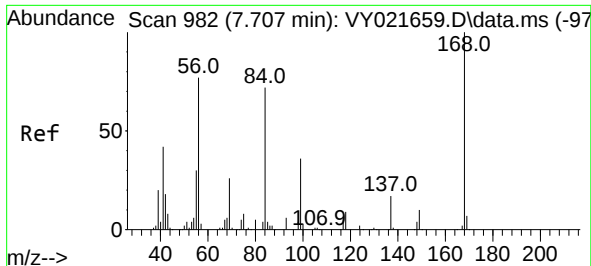
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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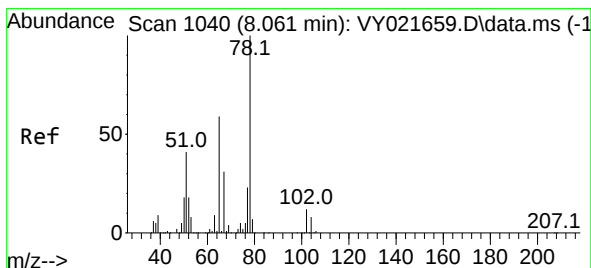
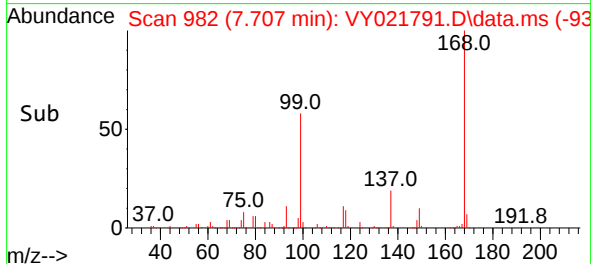
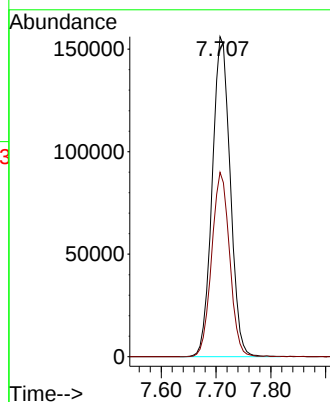
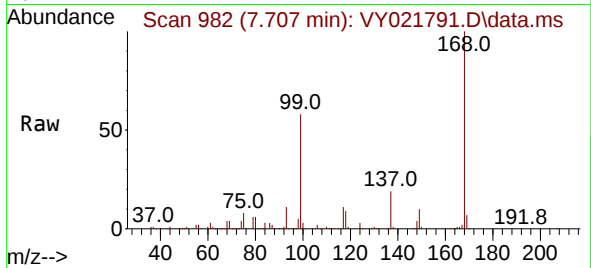




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021791.D
Acq: 04 Apr 2025 17:21

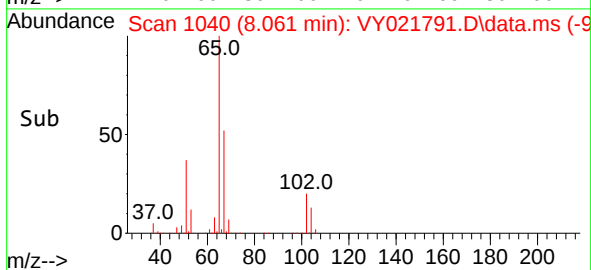
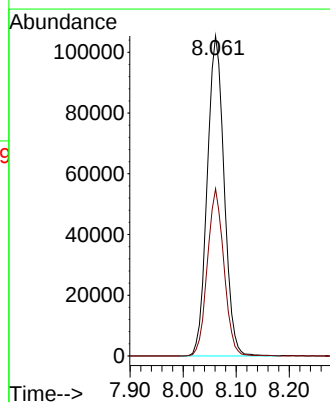
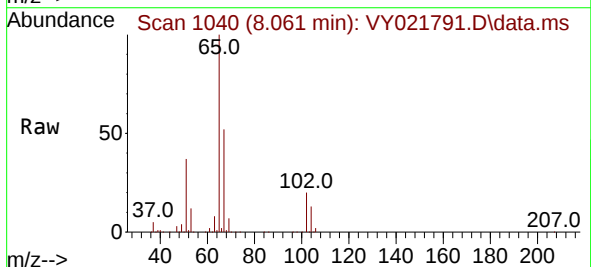
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

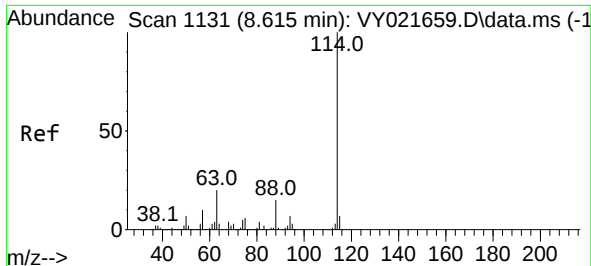
Tgt Ion:168 Resp: 356070
Ion Ratio Lower Upper
168 100
99 57.6 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 60.477 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021791.D
Acq: 04 Apr 2025 17:21

Tgt Ion: 65 Resp: 233316
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021791.D

Acq: 04 Apr 2025 17:21

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

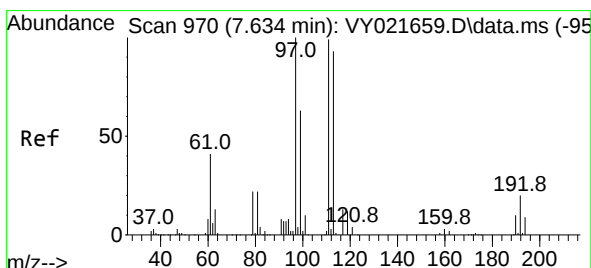
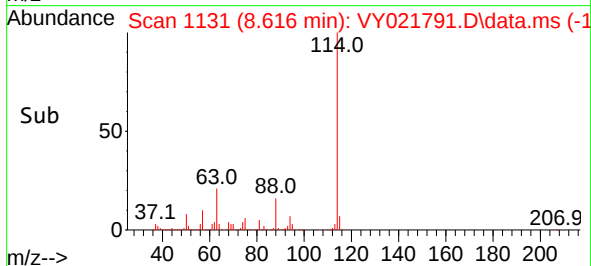
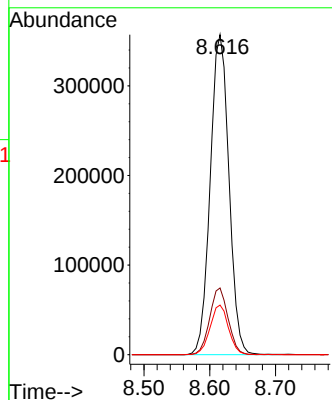
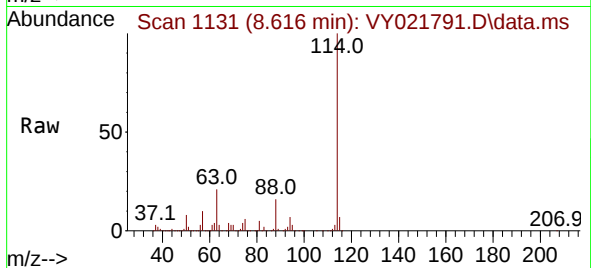
Tgt Ion:114 Resp: 706424

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 50.586 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021791.D

Acq: 04 Apr 2025 17:21

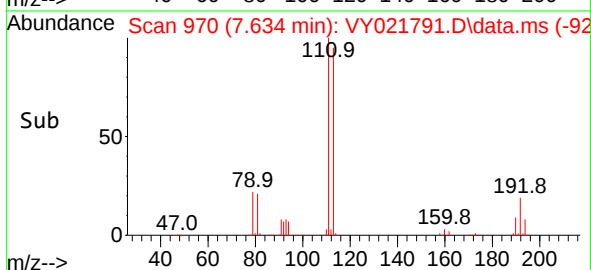
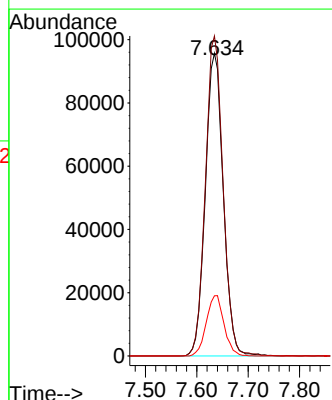
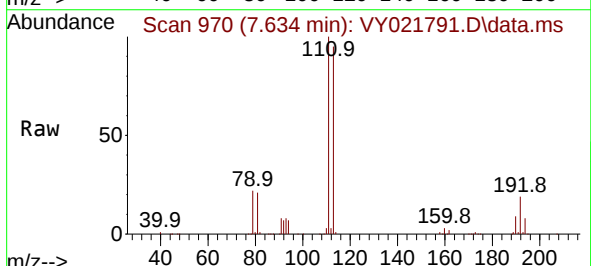
Tgt Ion:113 Resp: 231806

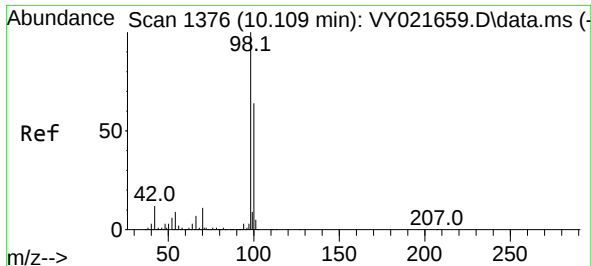
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 19.7 16.2 24.4

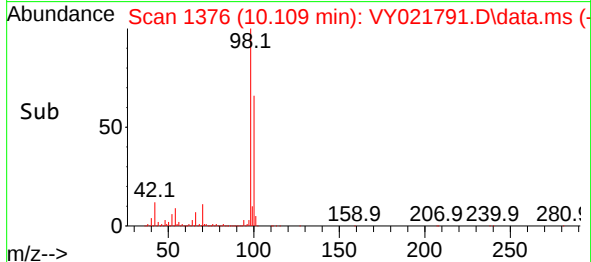
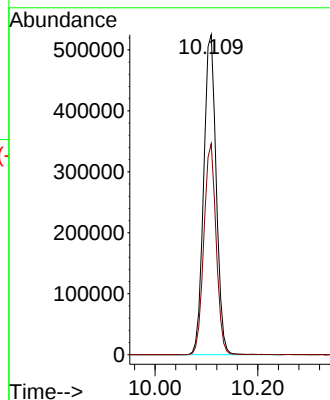
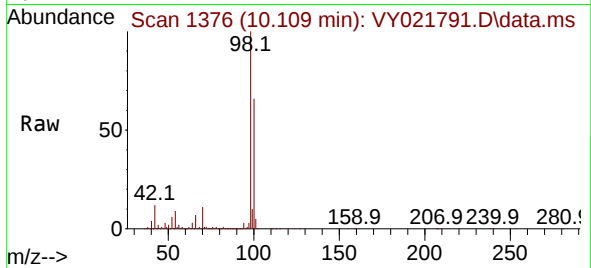




#50
Toluene-d8
Concen: 50.777 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021791.D
Acq: 04 Apr 2025 17:21

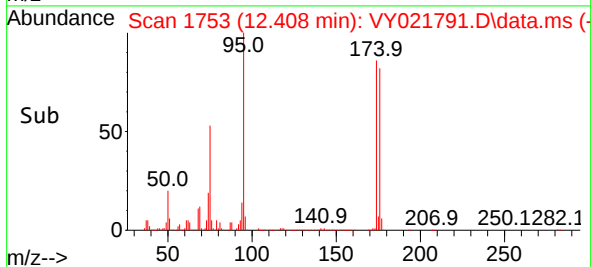
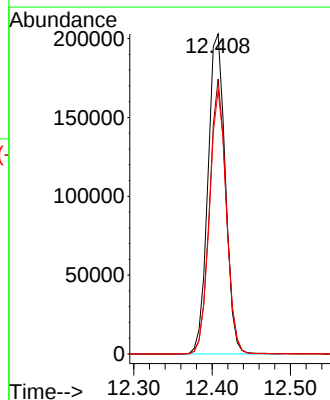
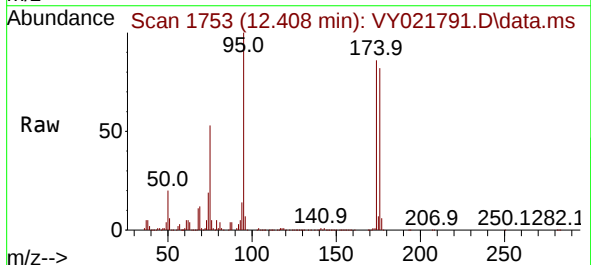
Instrument :
MSVOA_Y
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VIBLK

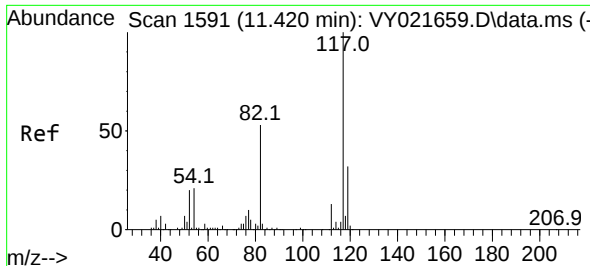
Tgt Ion: 98 Resp: 885199
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.985 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021791.D
Acq: 04 Apr 2025 17:21

Tgt Ion: 95 Resp: 312434
Ion Ratio Lower Upper
95 100
174 82.3 0.0 170.8
176 80.0 0.0 162.0

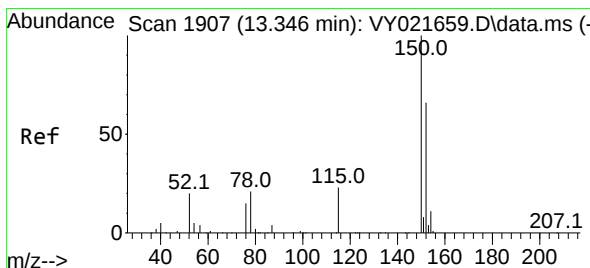
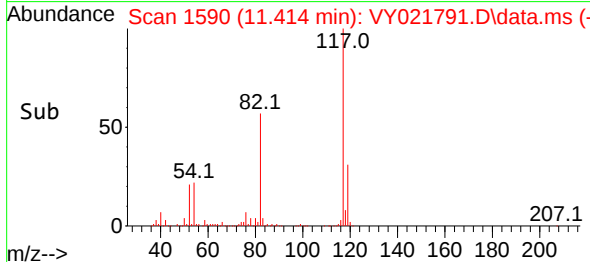
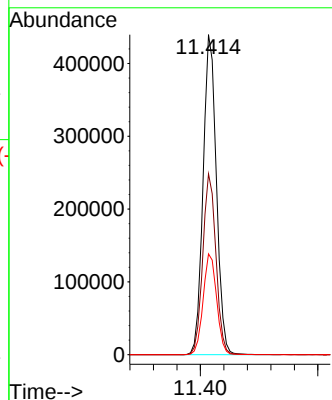
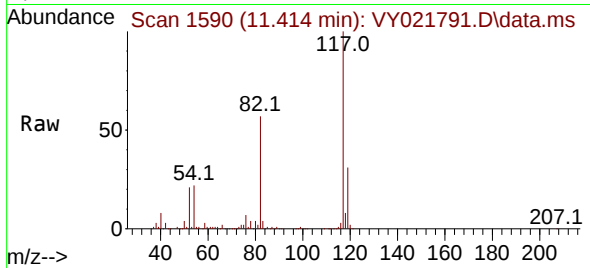




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021791.D
Acq: 04 Apr 2025 17:21

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 691525
Ion Ratio Lower Upper
117 100
82 56.5 42.8 64.2
119 31.5 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: VY021791.D
Acq: 04 Apr 2025 17:21

Tgt Ion:152 Resp: 309571
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.5
150 157.4 0.0 348.4

