

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020911.D
 Acq On : 23 Jan 2025 12:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 24 00:18:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.732	168	248608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	376010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	306686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	135460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	86789	41.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.140%
35) Dibromofluoromethane	7.659	113	91898	39.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.020%
50) Toluene-d8	10.128	98	340491	41.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.920%
62) 4-Bromofluorobenzene	12.426	95	104186	34.356	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.720%

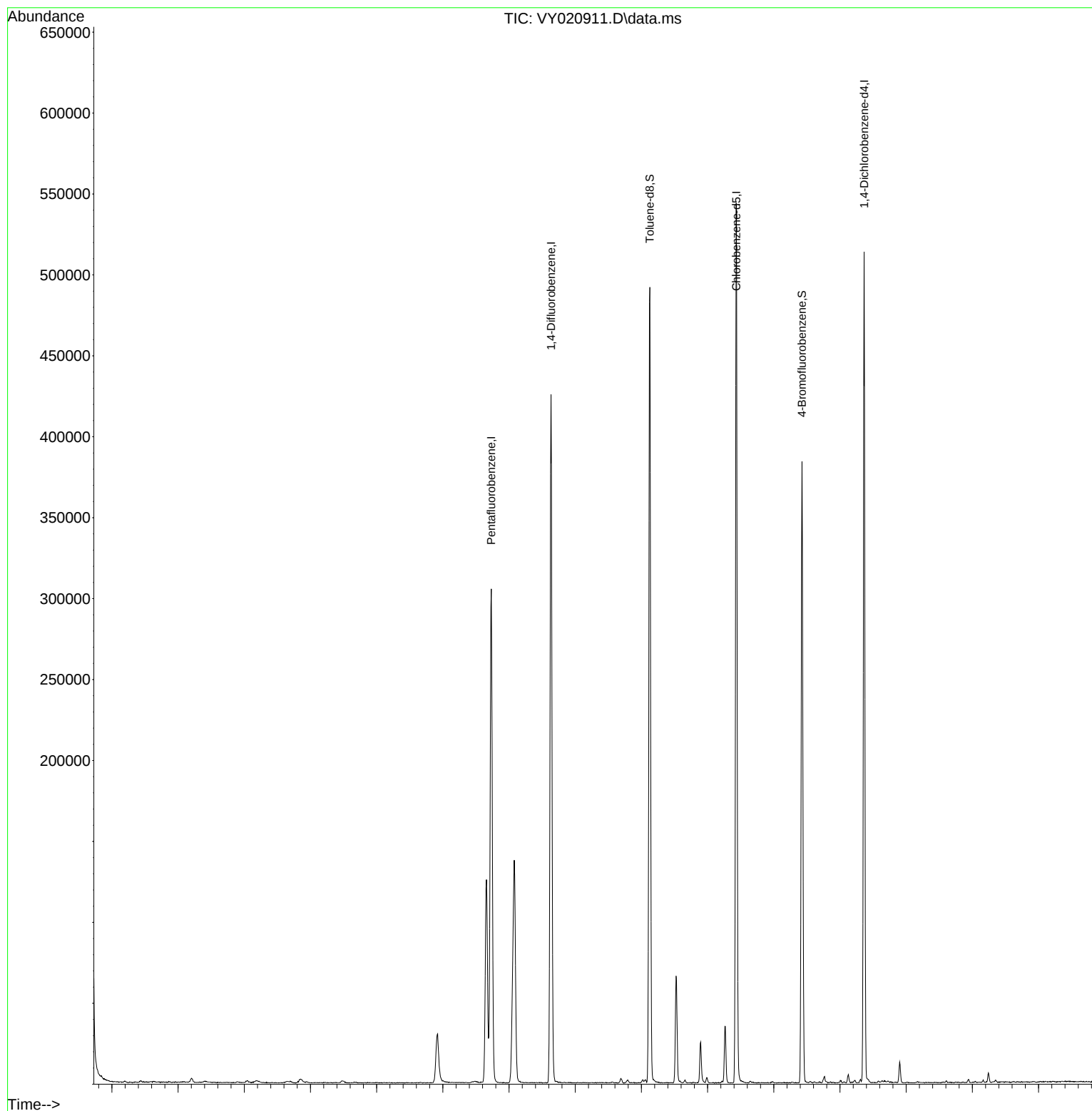
Target Compounds Qvalue

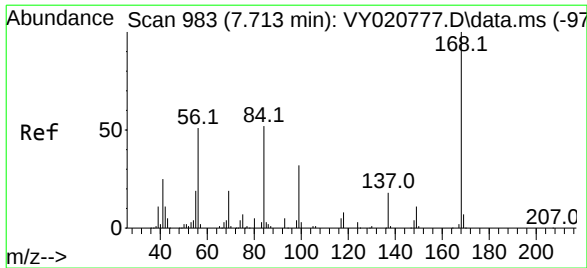
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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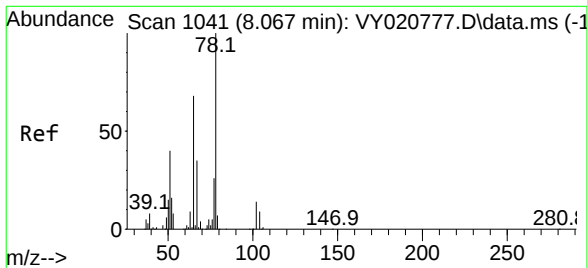
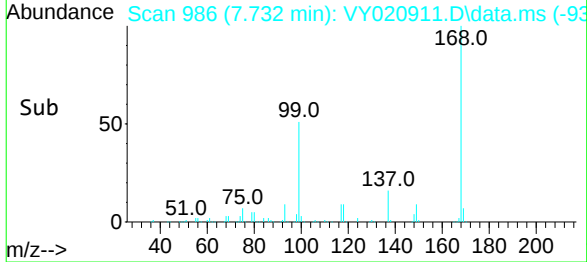
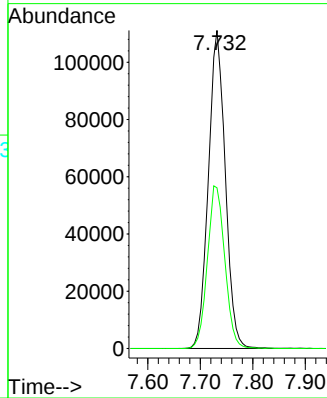
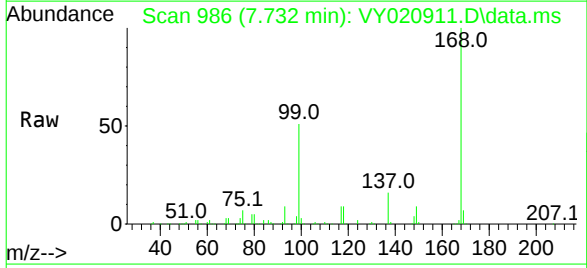




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

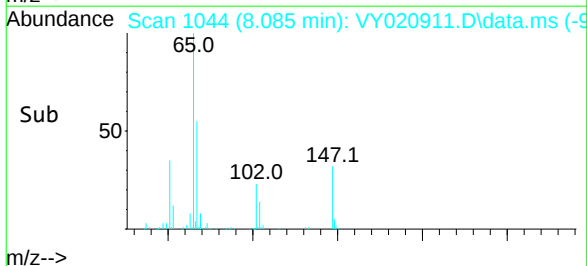
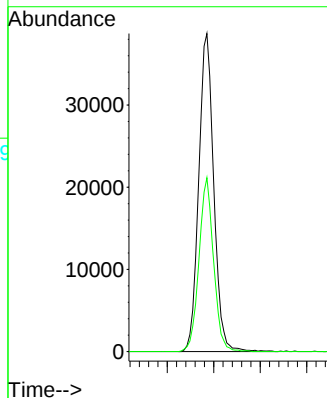
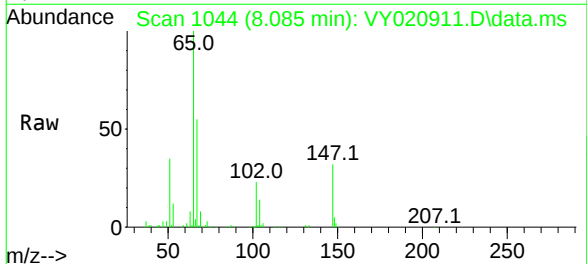
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

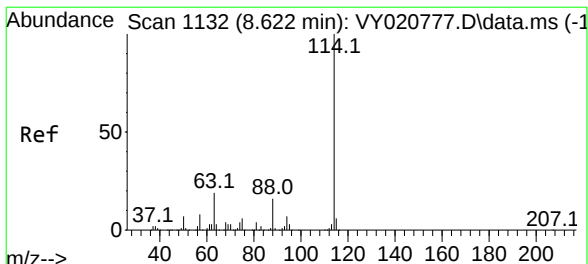
Tgt Ion:168 Resp: 248608
Ion Ratio Lower Upper
168 100
99 50.5 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 41.072 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

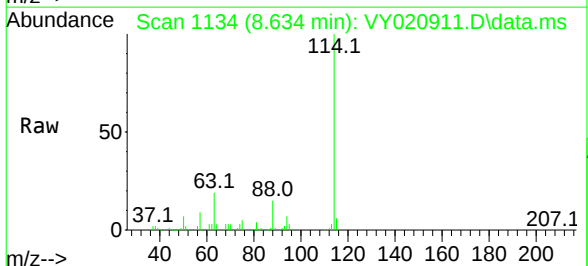
Tgt Ion: 65 Resp: 86789
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.8





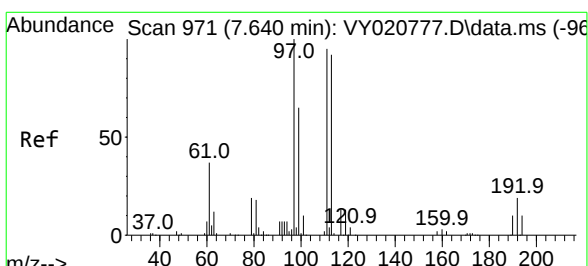
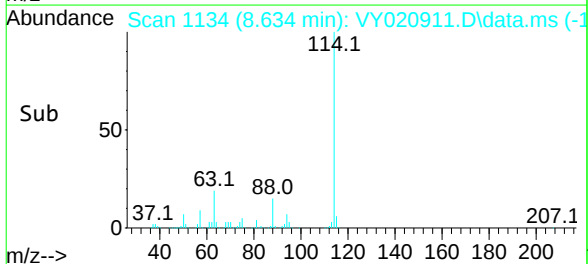
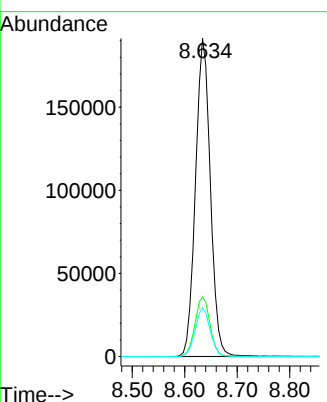
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.634 min Scan# 1134
 Delta R.T. -0.006 min
 Lab File: VY020911.D
 Acq: 23 Jan 2025 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion: 114 Resp: 376010

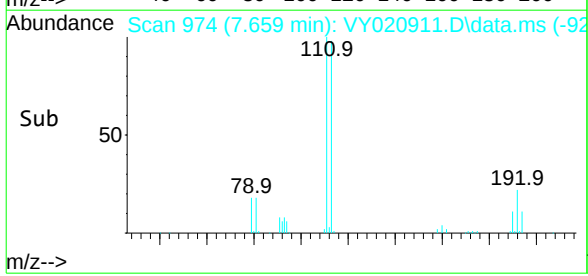
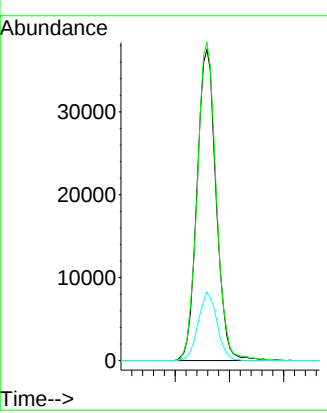
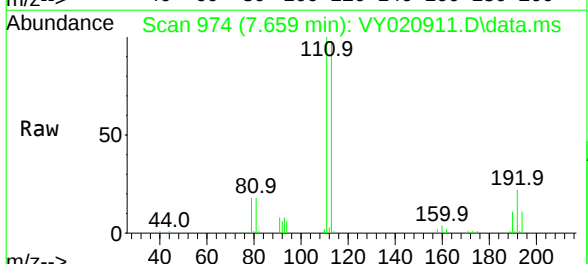
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	15.4	0.0	31.2

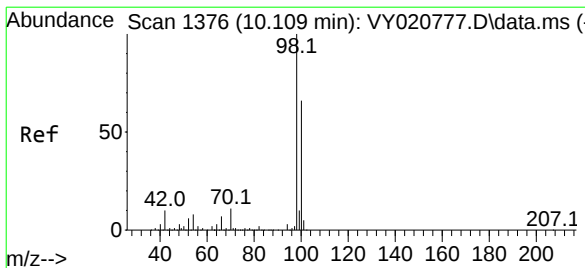


#35
 Dibromofluoromethane
 Concen: 39.011 ug/l
 RT: 7.659 min Scan# 974
 Delta R.T. -0.006 min
 Lab File: VY020911.D
 Acq: 23 Jan 2025 12:56

Tgt Ion: 113 Resp: 91898

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	21.7	16.7	25.1





#50

Toluene-d8

Concen: 41.463 ug/l

RT: 10.128 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020911.D

Acq: 23 Jan 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

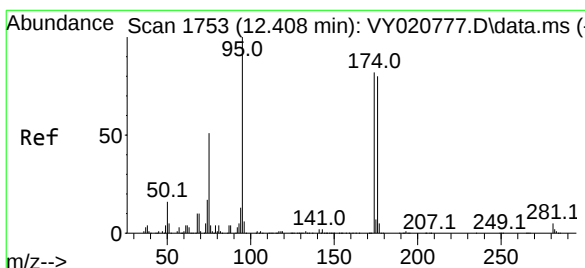
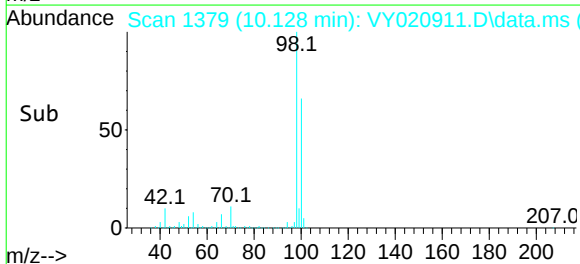
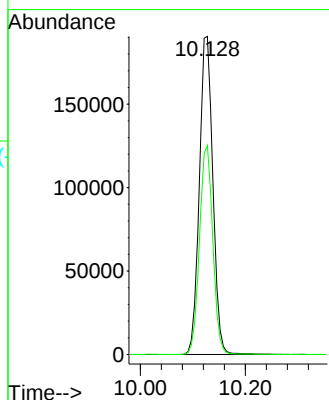
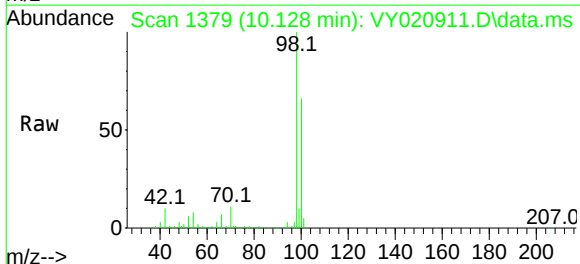
VIBLK

Tgt Ion: 98 Resp: 340491

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 34.356 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VY020911.D

Acq: 23 Jan 2025 12:56

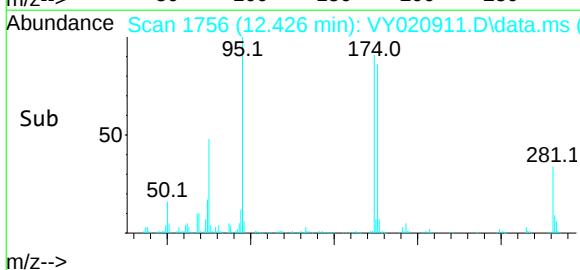
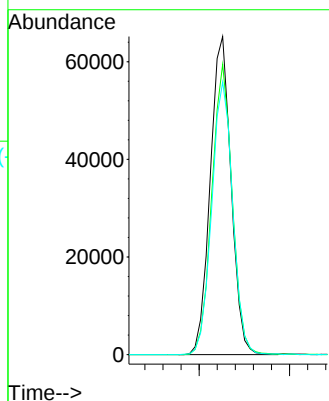
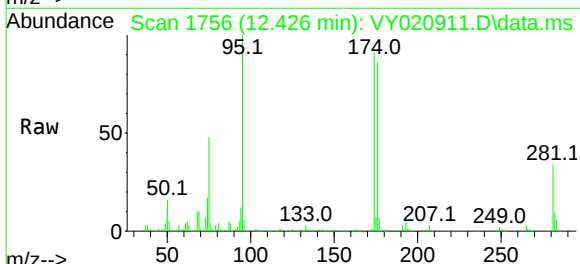
Tgt Ion: 95 Resp: 104186

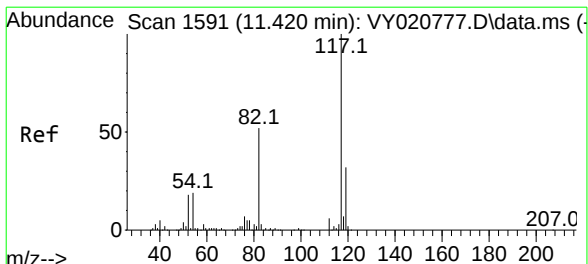
Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.0

176 86.3 0.0 172.0



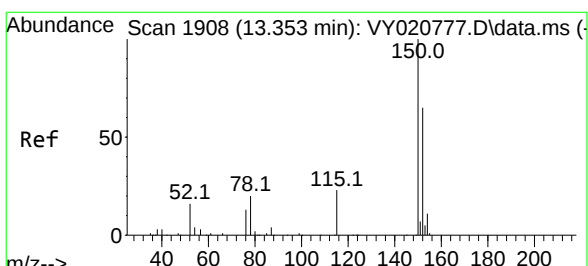
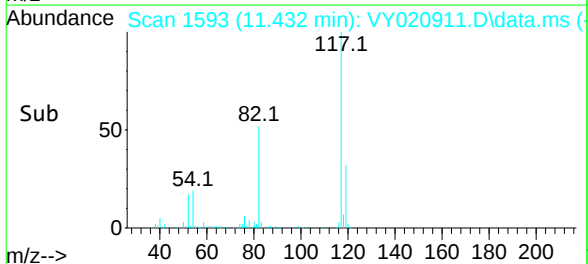
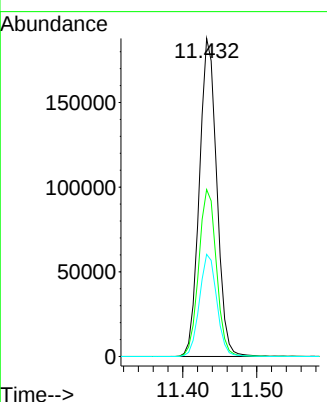
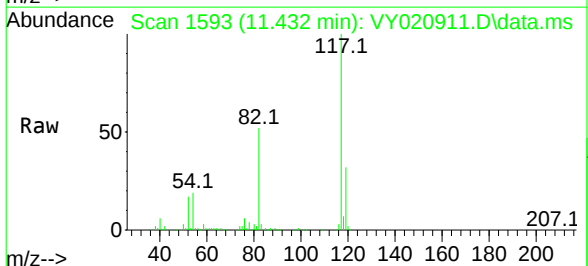


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.432 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 306686

Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.6
119	32.1	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

Tgt Ion:152 Resp: 135460

Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.0	87.0
150	156.8	0.0	347.4

