

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022052.D
 Acq On : 29 Apr 2025 13:09
 Operator : SY/MD
 Sample : Q1902-01RE
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 343RE

Quant Time: Apr 30 01:33:37 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	164440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	294605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	257253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	95186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83283	54.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.660%
35) Dibromofluoromethane	7.634	113	107279	55.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.240%
50) Toluene-d8	10.109	98	347314	47.333	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.408	95	91832	37.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.360%

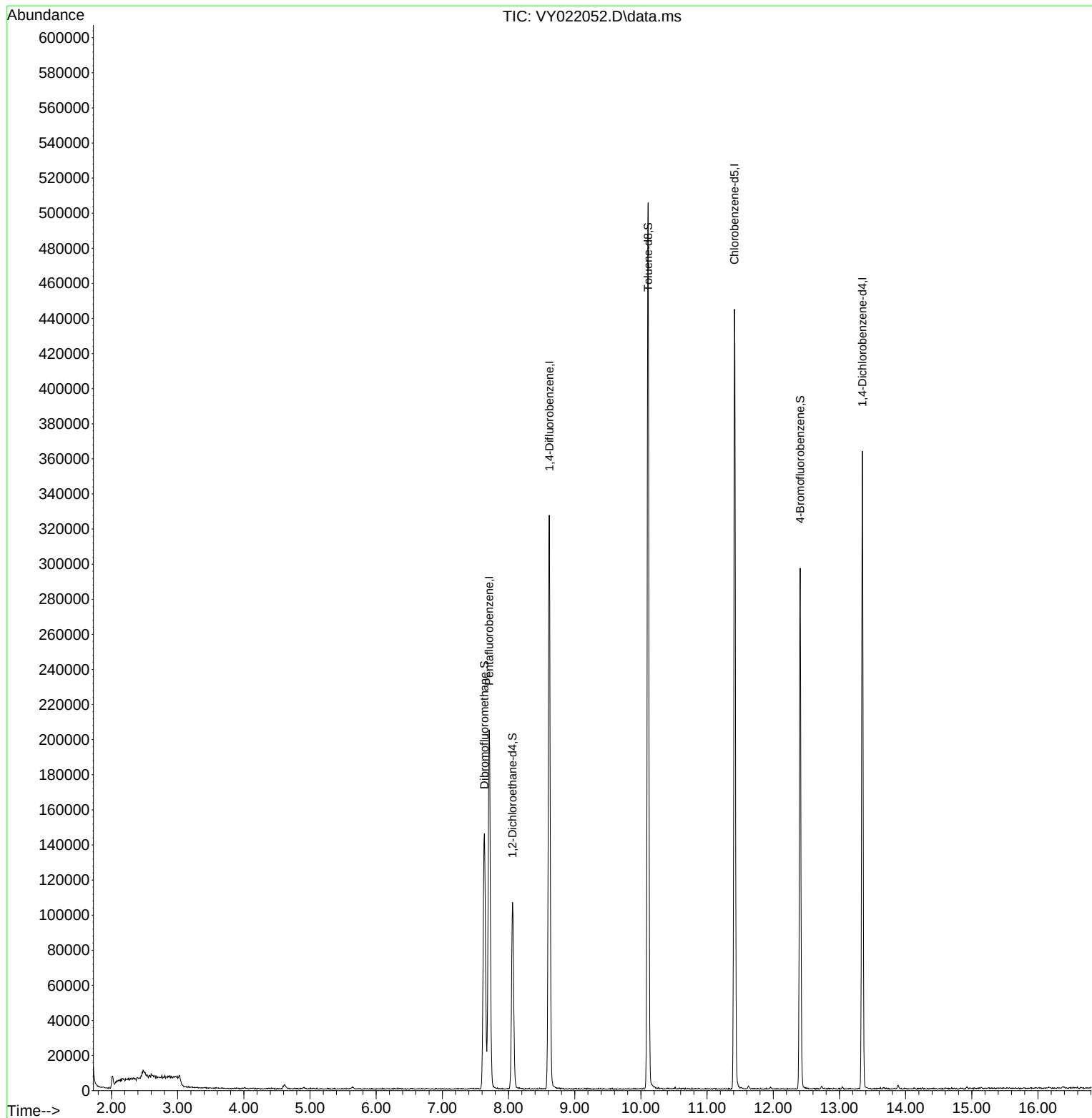
Target Compounds	Qvalue

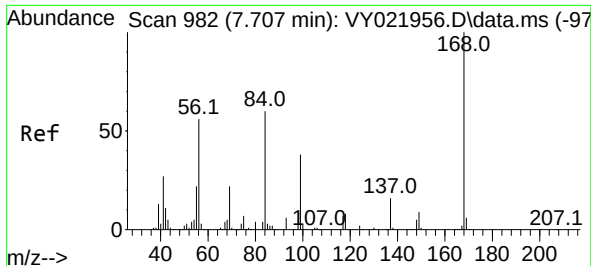
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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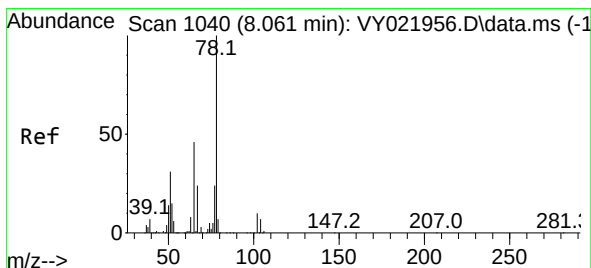
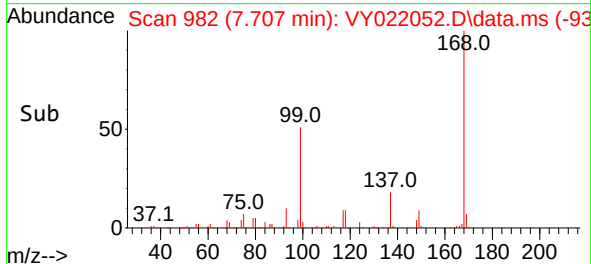
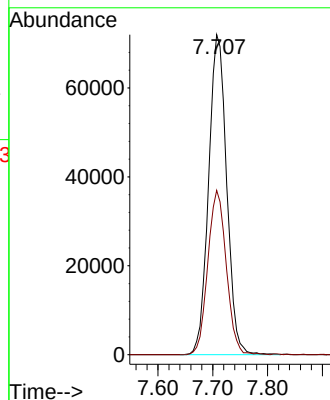
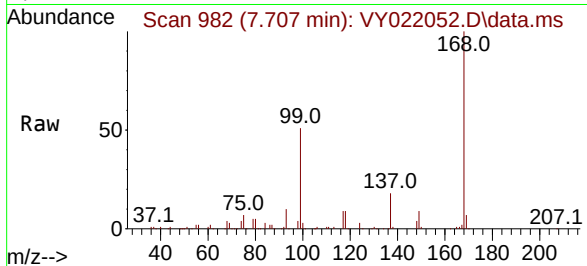




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022052.D
Acq: 29 Apr 2025 13:09

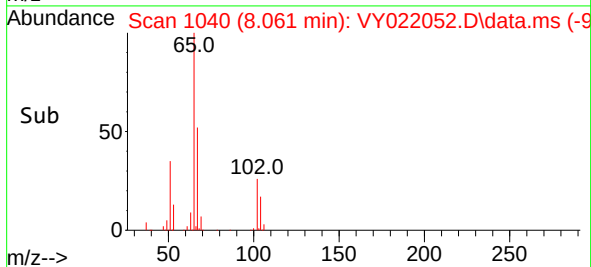
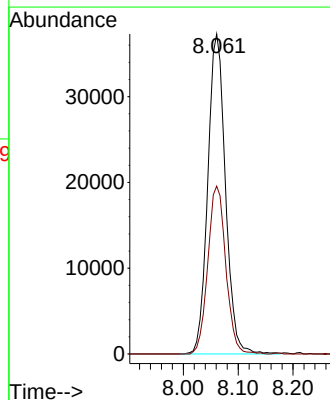
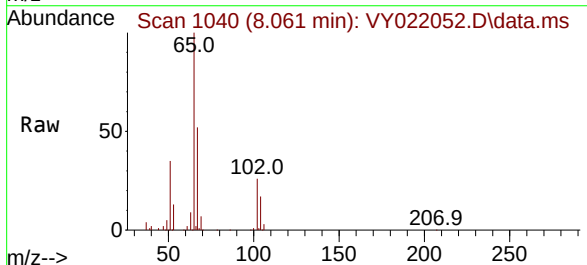
Instrument :
MSVOA_Y
ClientSampleId :
343RE

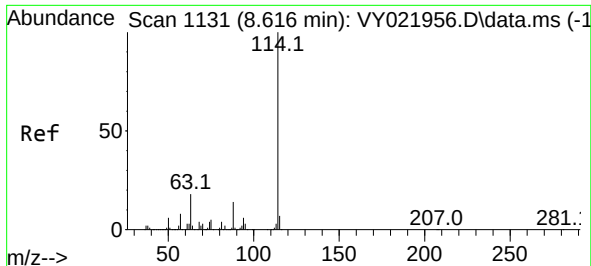
Tgt Ion:168 Resp: 164440
Ion Ratio Lower Upper
168 100
99 51.3 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 54.831 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022052.D
Acq: 29 Apr 2025 13:09

Tgt Ion: 65 Resp: 83283
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8

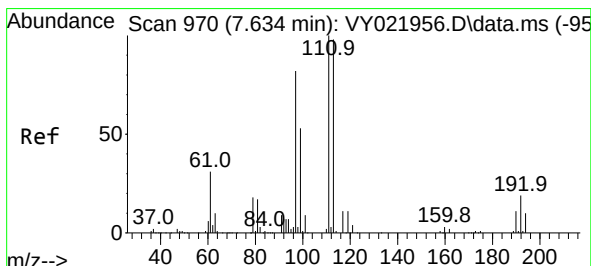
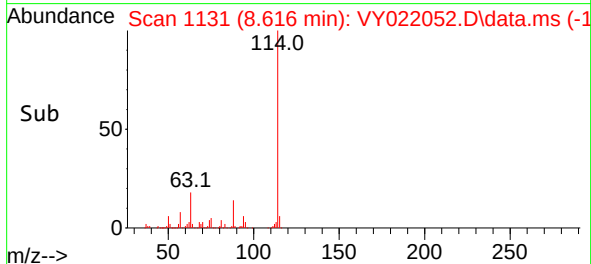
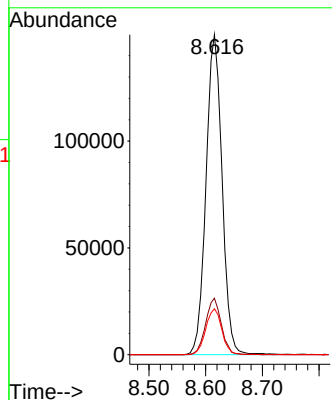
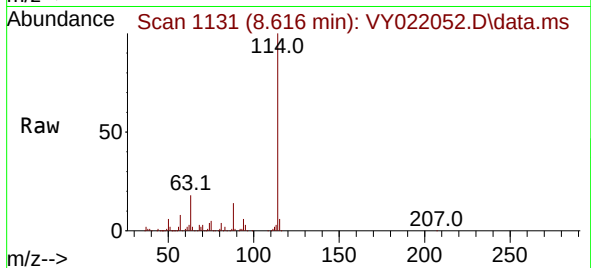




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022052.D
Acq: 29 Apr 2025 13:09

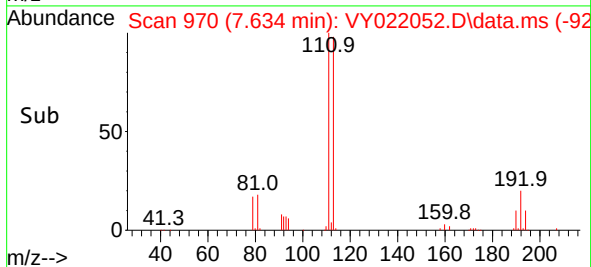
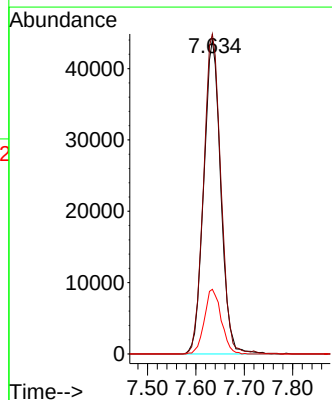
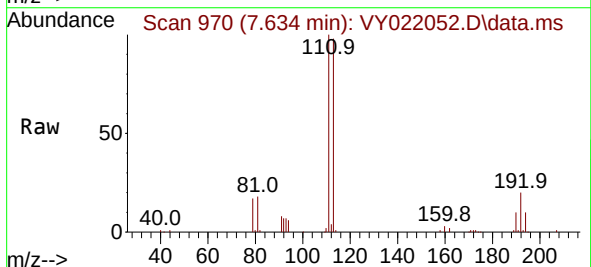
Instrument :
MSVOA_Y
ClientSampleId :
343RE

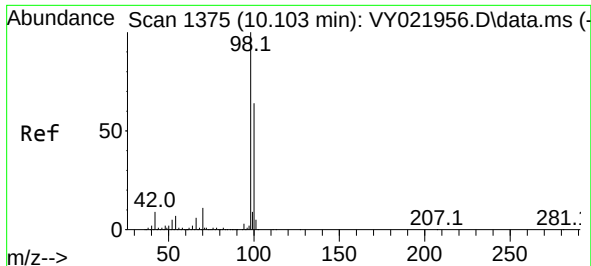
Tgt Ion:114 Resp: 294605
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.4
88 14.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 55.119 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022052.D
Acq: 29 Apr 2025 13:09

Tgt Ion:113 Resp: 107279
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 20.5 15.6 23.4

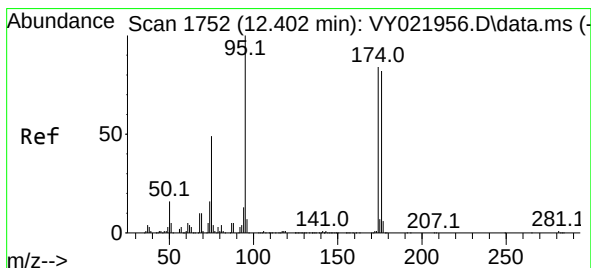
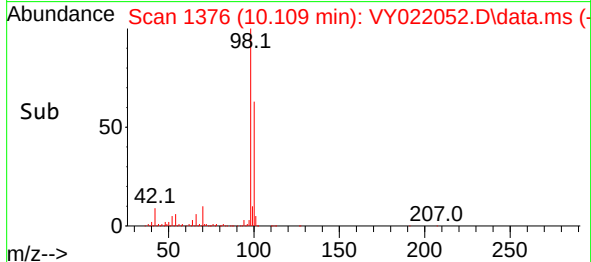
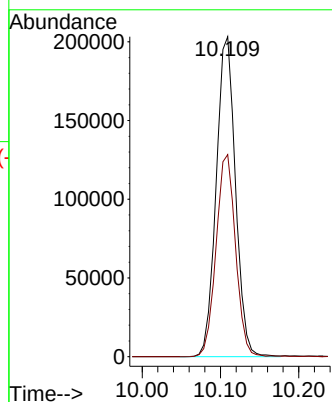
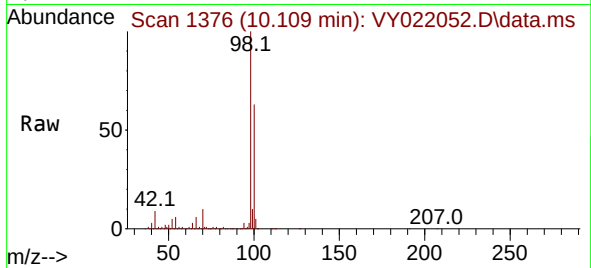




#50
Toluene-d8
Concen: 47.333 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022052.D
Acq: 29 Apr 2025 13:09

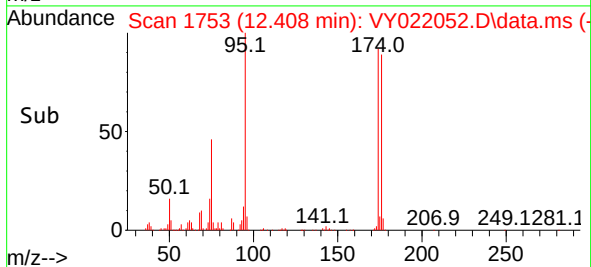
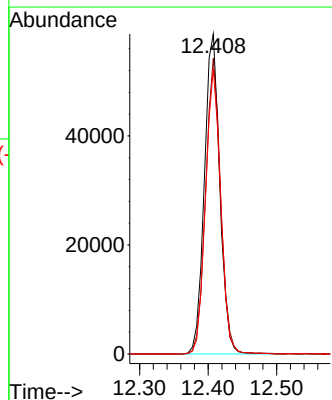
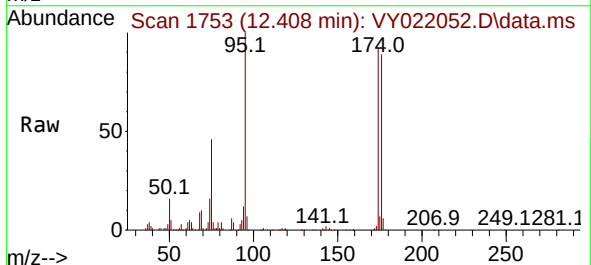
Instrument :
MSVOA_Y
ClientSampleId :
343RE

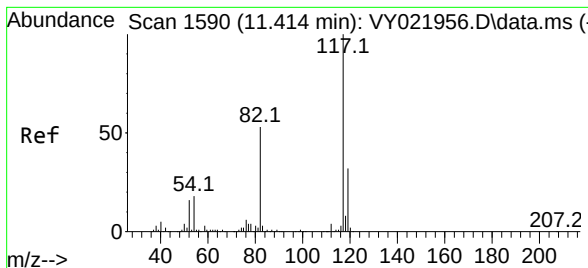
Tgt Ion: 98 Resp: 347314
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.177 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022052.D
Acq: 29 Apr 2025 13:09

Tgt Ion: 95 Resp: 91832
Ion Ratio Lower Upper
95 100
174 90.4 0.0 179.0
176 87.5 0.0 171.8

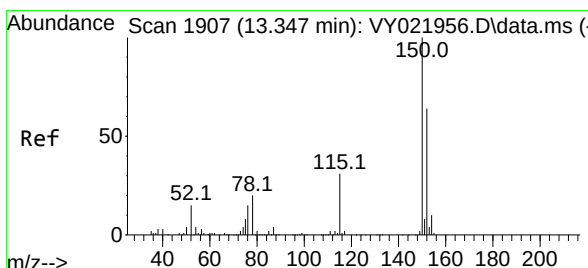
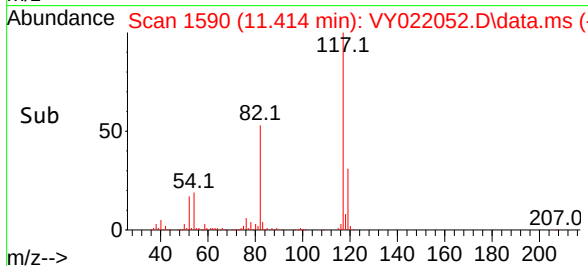
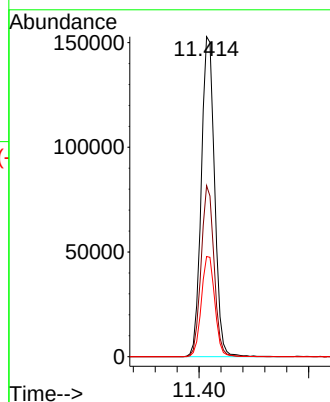
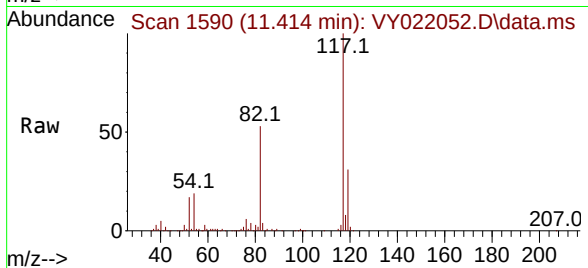




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022052.D
Acq: 29 Apr 2025 13:09

Instrument :
MSVOA_Y
ClientSampleId :
343RE

Tgt Ion:117 Resp: 257253
Ion Ratio Lower Upper
117 100
82 53.5 42.1 63.1
119 31.3 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: VY022052.D
Acq: 29 Apr 2025 13:09

Tgt Ion:152 Resp: 95186
Ion Ratio Lower Upper
152 100
115 56.0 28.0 84.0
150 154.7 0.0 345.6

