

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
 Data File : VY022930.D
 Acq On : 03 Jul 2025 09:57
 Operator : SY/MD
 Sample : VY0703SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBL01

Quant Time: Jul 04 03:15:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	297416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	558302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	553906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	230762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174829	52.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.340%
35) Dibromofluoromethane	7.634	113	179026	52.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.460%
50) Toluene-d8	10.109	98	701592	52.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.401	95	239365	55.266	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.540%

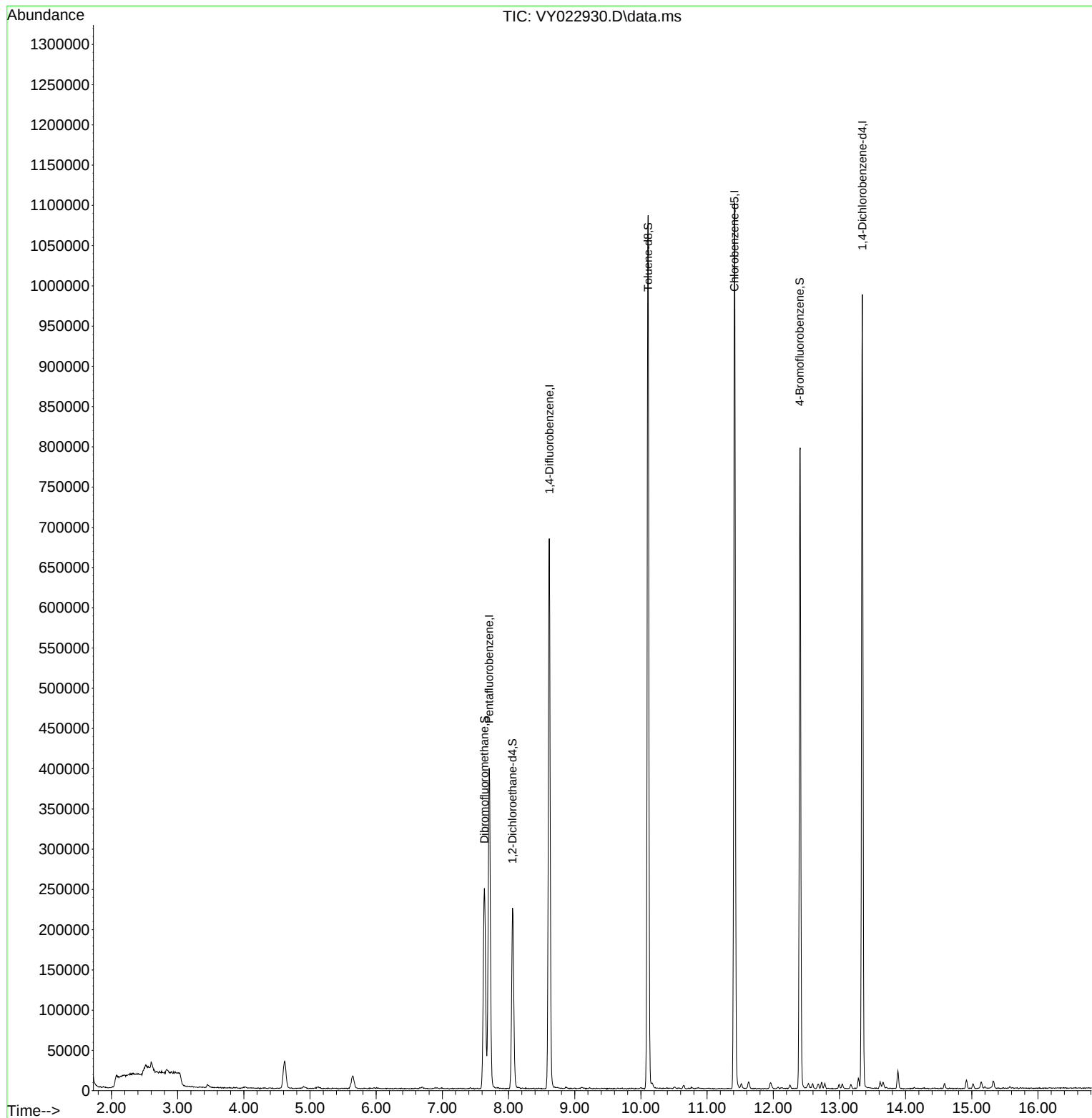
Target Compounds	Qvalue

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

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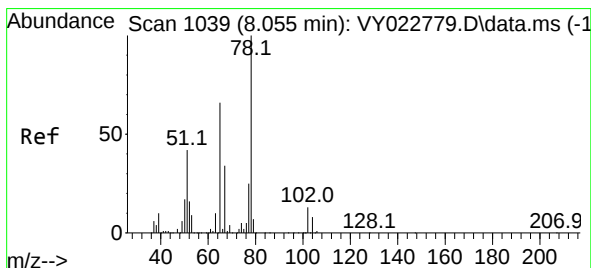
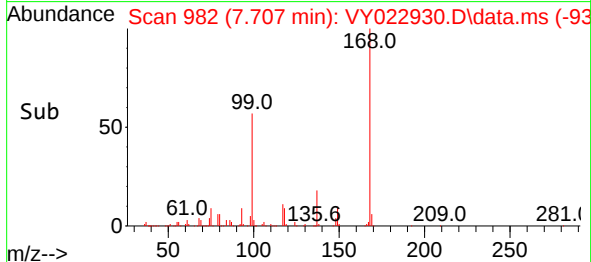
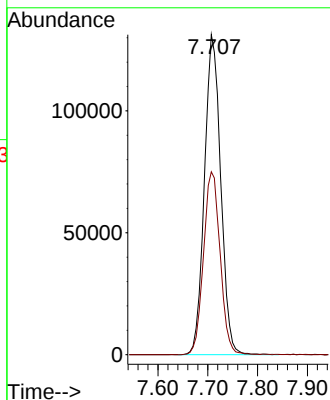
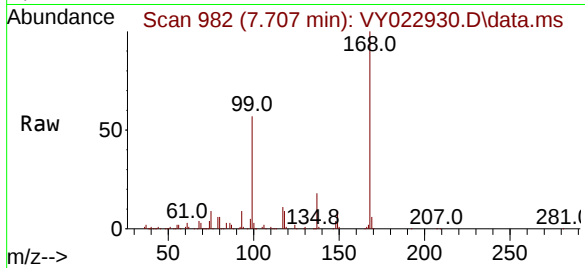




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022930.D
Acq: 03 Jul 2025 09:57

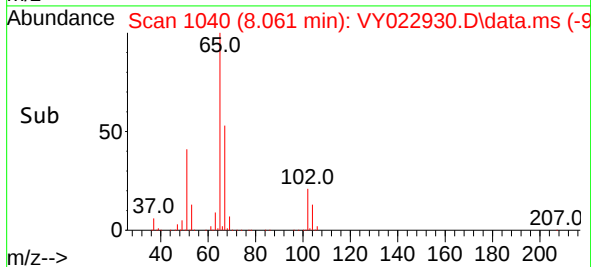
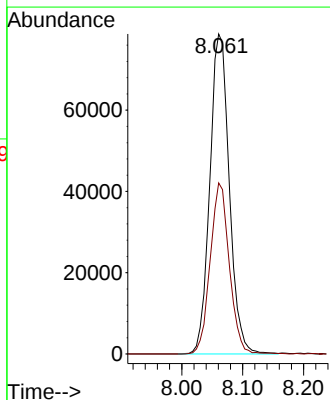
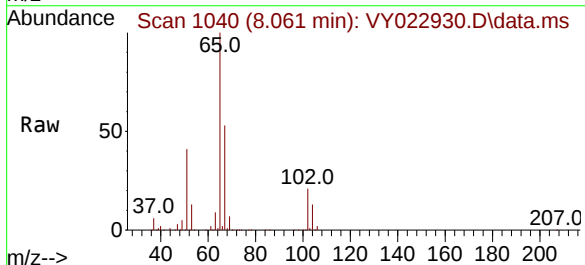
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

Tgt Ion:168 Resp: 297416
Ion Ratio Lower Upper
168 100
99 57.1 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 52.668 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022930.D
Acq: 03 Jul 2025 09:57

Tgt Ion: 65 Resp: 174829
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4

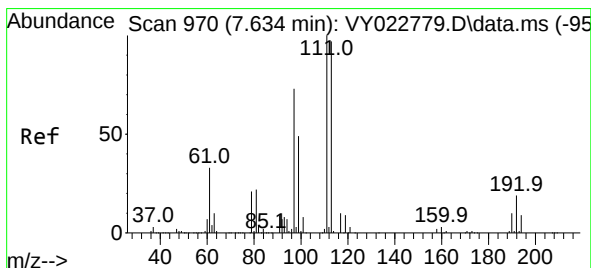
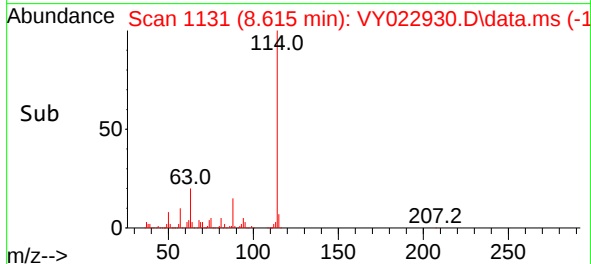
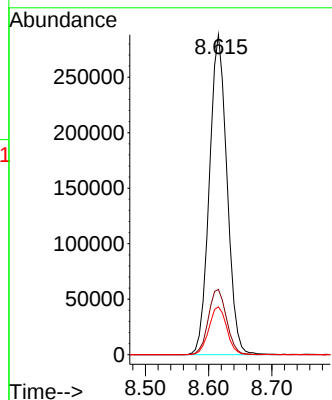
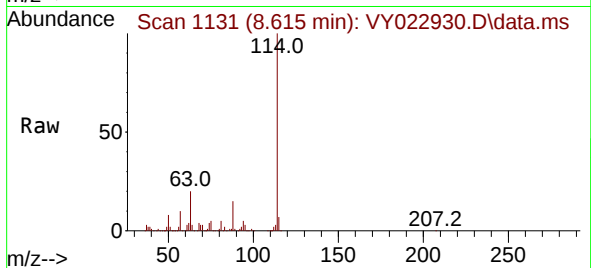




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022930.D
Acq: 03 Jul 2025 09:57

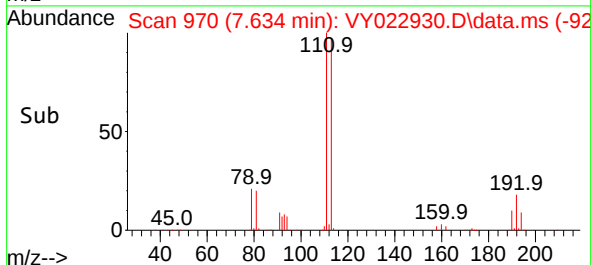
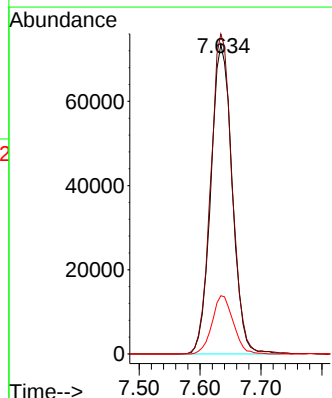
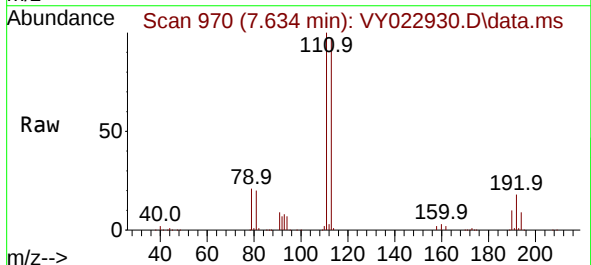
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

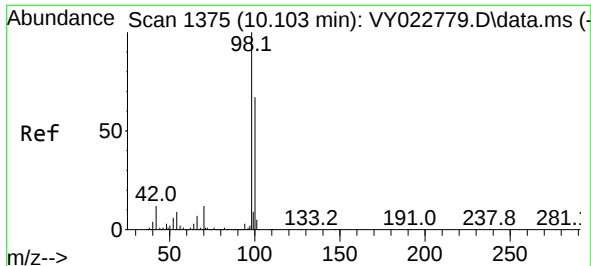
Tgt Ion:114 Resp: 558302
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.0 0.0 27.8



#35
Dibromofluoromethane
Concen: 52.727 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022930.D
Acq: 03 Jul 2025 09:57

Tgt Ion:113 Resp: 179026
Ion Ratio Lower Upper
113 100
111 103.5 81.1 121.7
192 18.7 14.2 21.2

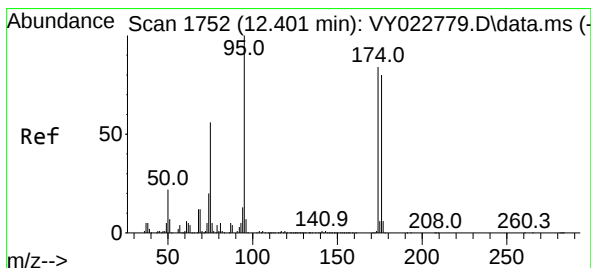
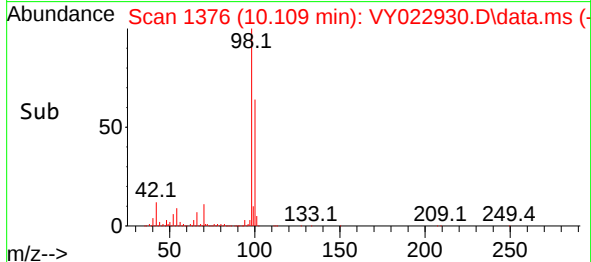
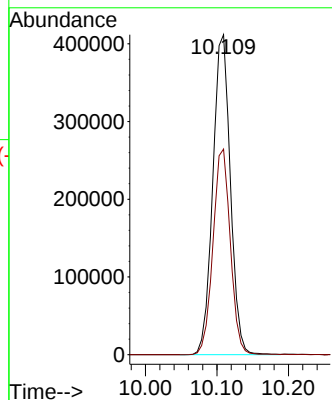
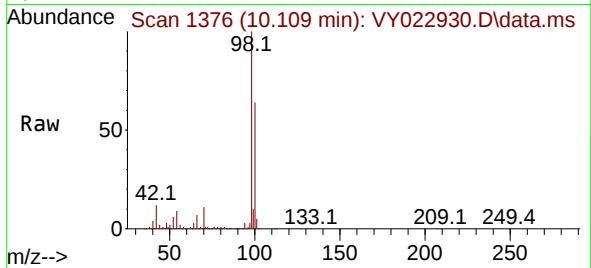




#50
Toluene-d8
Concen: 52.073 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022930.D
Acq: 03 Jul 2025 09:57

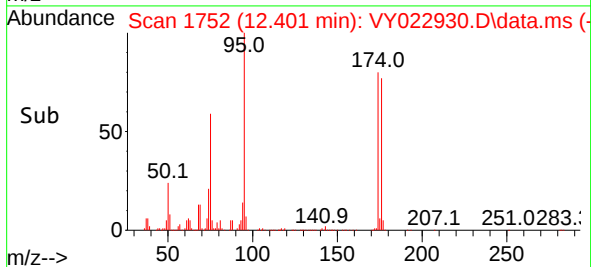
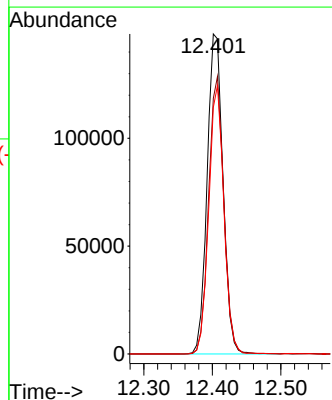
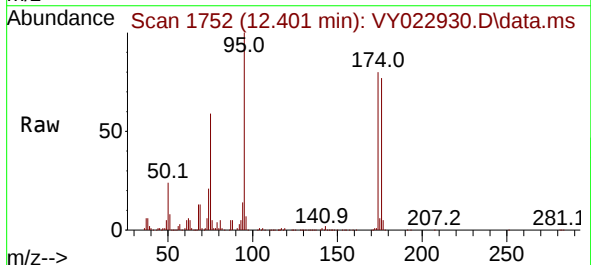
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

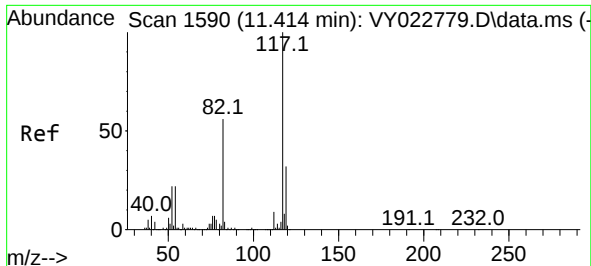
Tgt Ion: 98 Resp: 701592
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.266 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022930.D
Acq: 03 Jul 2025 09:57

Tgt Ion: 95 Resp: 239365
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.0
176 80.1 0.0 166.2

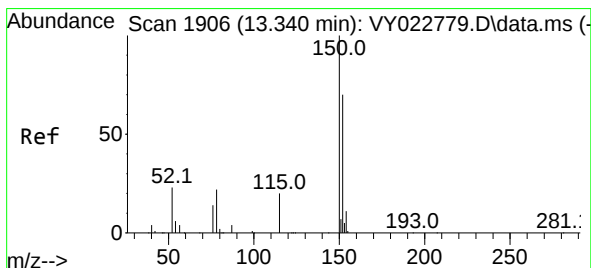
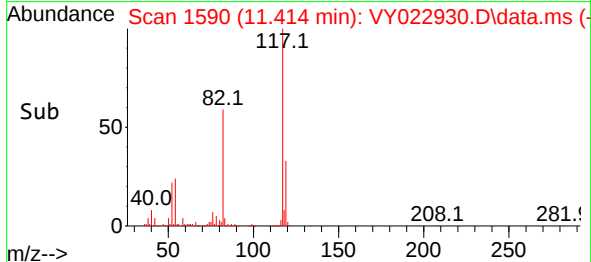
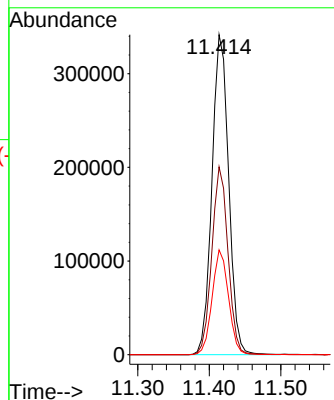
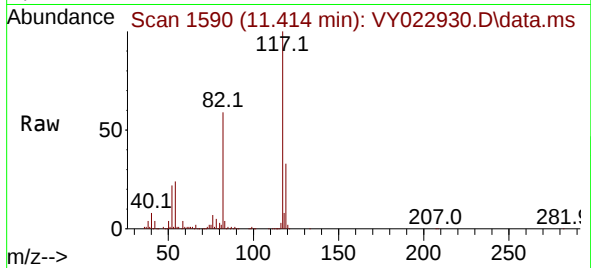




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022930.D
Acq: 03 Jul 2025 09:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

Tgt Ion:117 Resp: 553906
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022930.D
Acq: 03 Jul 2025 09:57

Tgt Ion:152 Resp: 230762
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.7
150 158.8 0.0 349.6

