

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023090.D
 Acq On : 14 Aug 2025 13:13
 Operator : SY/MD
 Sample : Q2819-11RE
 Misc : 6.93g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 84SB-WRE

Quant Time: Aug 14 14:47:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	64668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	91288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	57705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	13403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	23814	38.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.280%
35) Dibromofluoromethane	7.628	113	28787	52.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.400%
50) Toluene-d8	10.103	98	99008	46.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.401	95	17048	24.842	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.680%

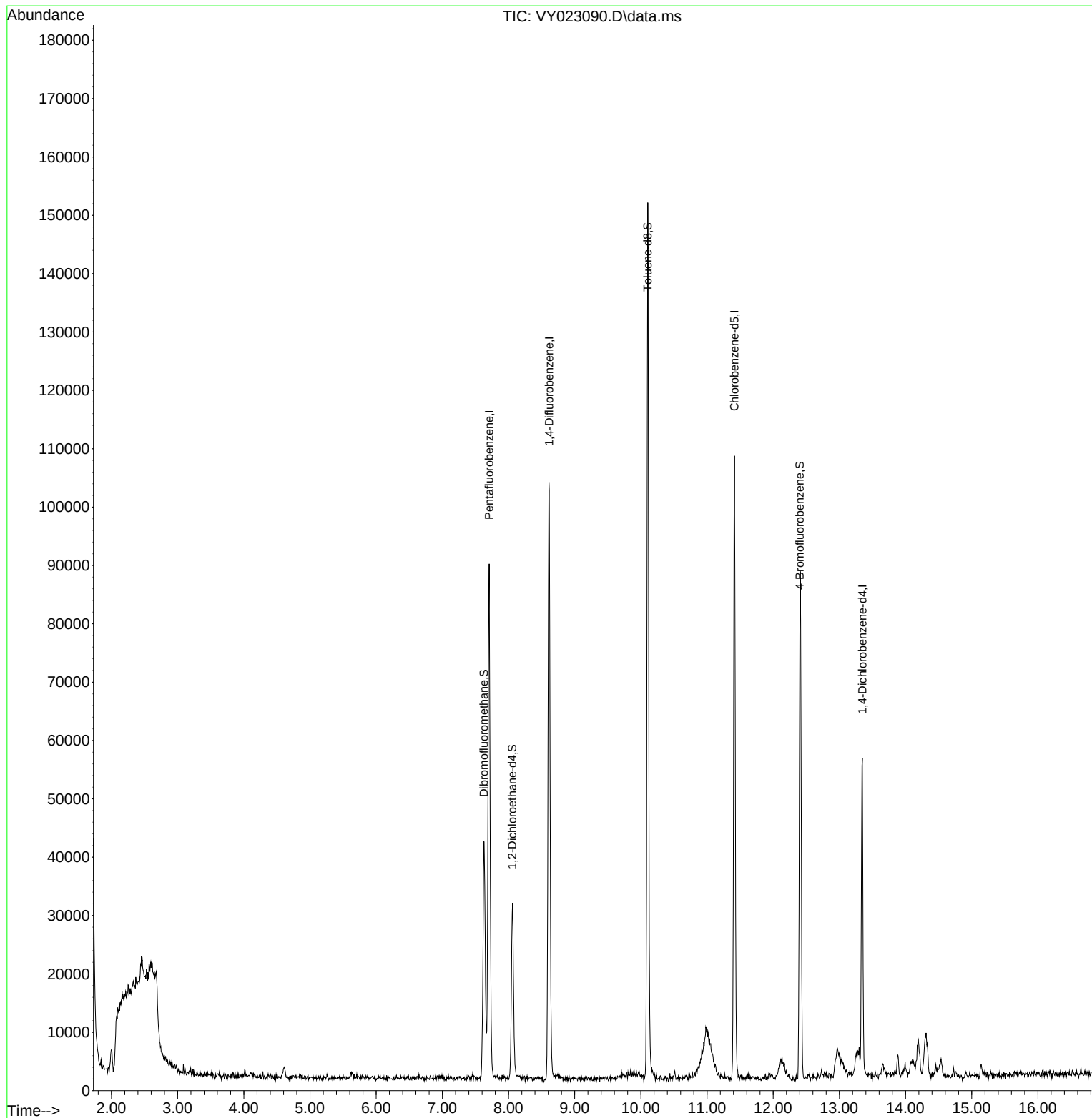
Target Compounds	Qvalue

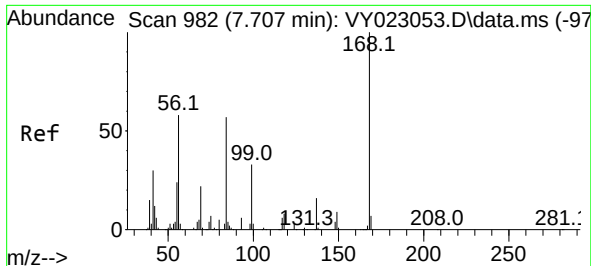
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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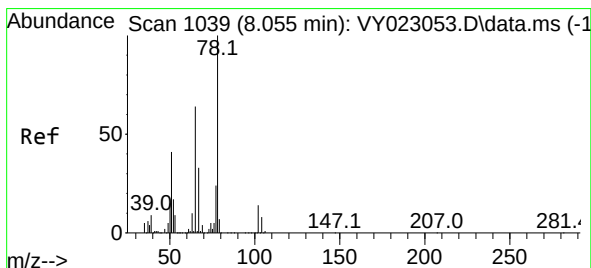
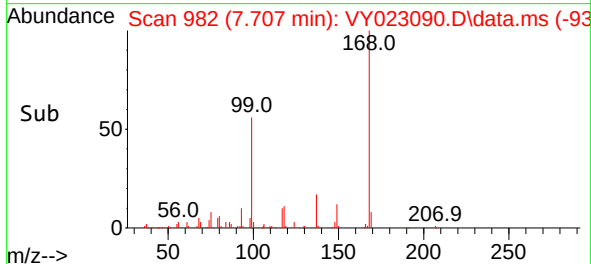
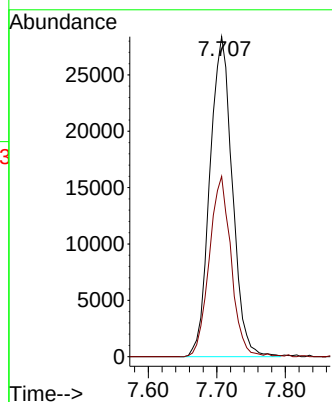
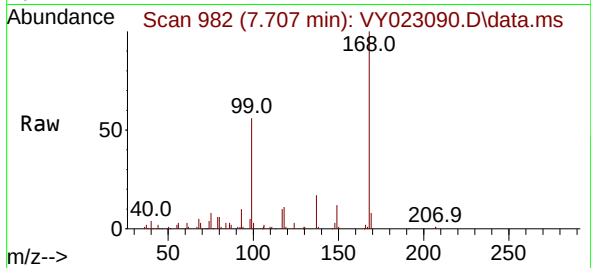




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023090.D
Acq: 14 Aug 2025 13:13

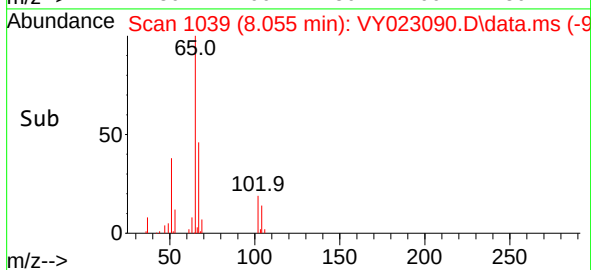
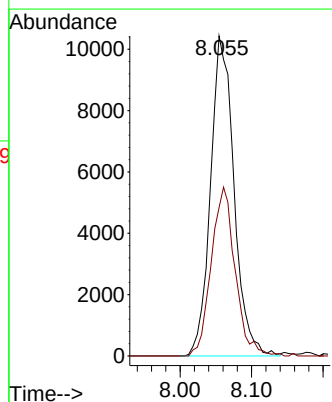
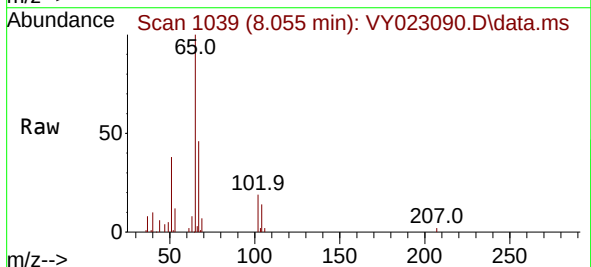
Instrument :
MSVOA_Y
ClientSampleId :
84SB-WRE

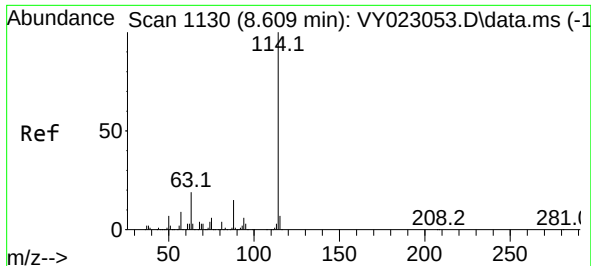
Tgt Ion:168 Resp: 64668
Ion Ratio Lower Upper
168 100
99 56.3 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 38.638 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY023090.D
Acq: 14 Aug 2025 13:13

Tgt Ion: 65 Resp: 23814
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8

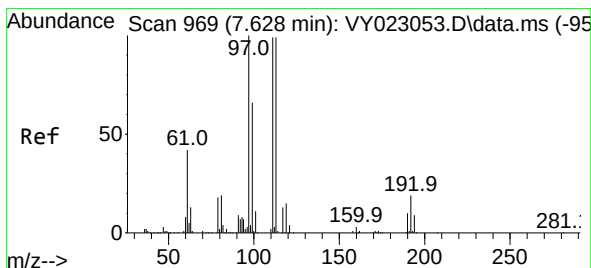
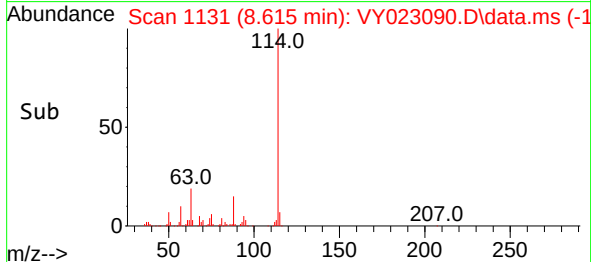
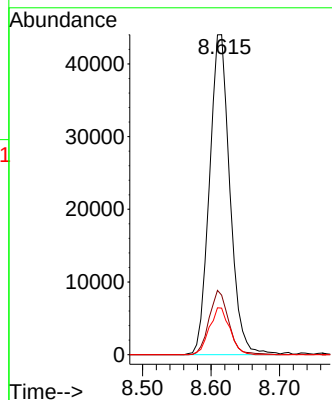
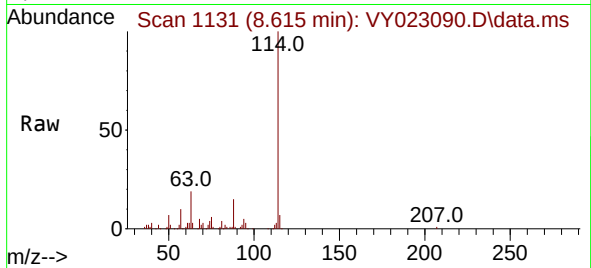




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023090.D
Acq: 14 Aug 2025 13:13

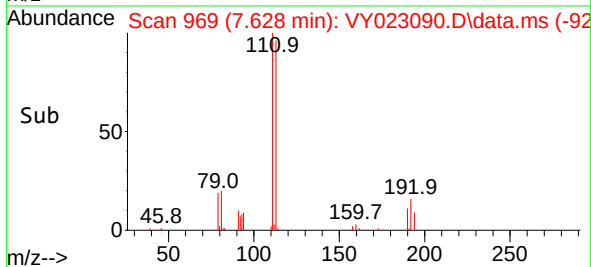
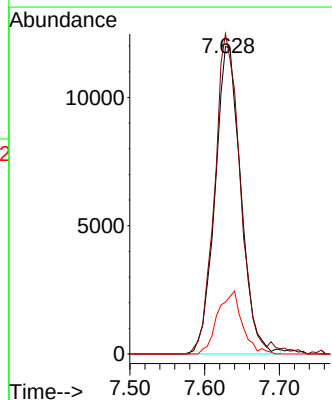
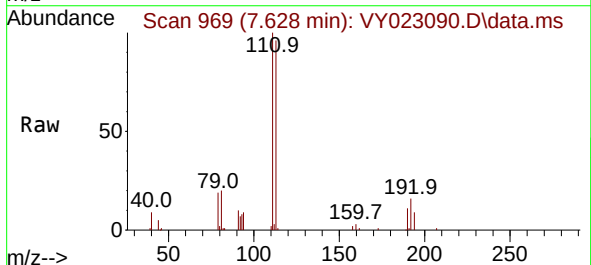
Instrument :
MSVOA_Y
ClientSampleId :
84SB-WRE

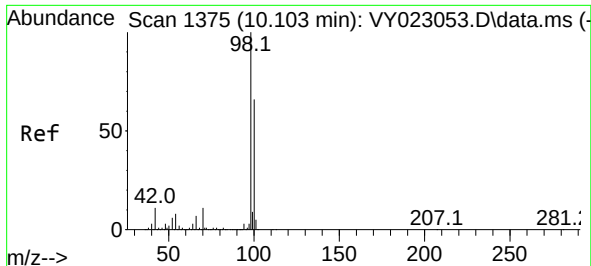
Tgt Ion:114 Resp: 91288
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 14.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 52.700 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY023090.D
Acq: 14 Aug 2025 13:13

Tgt Ion:113 Resp: 28787
Ion Ratio Lower Upper
113 100
111 104.3 81.1 121.7
192 19.5 16.2 24.4

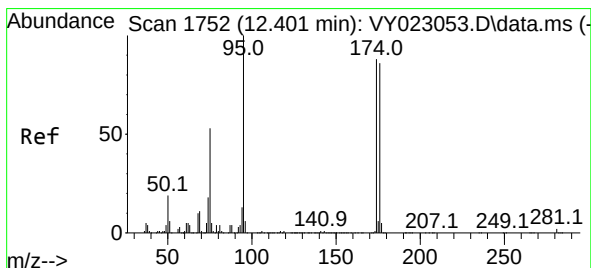
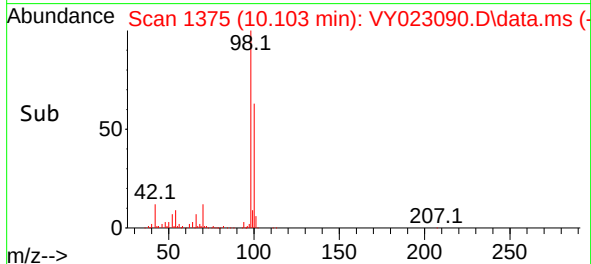
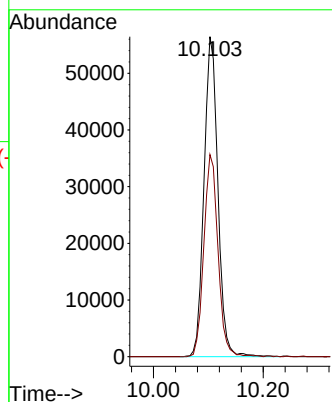
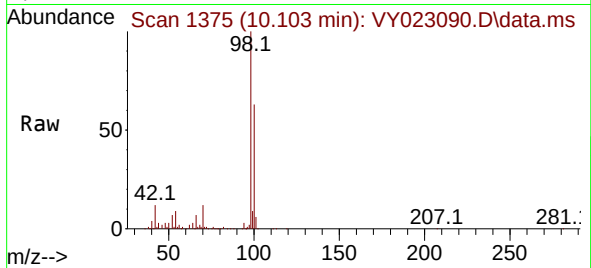




#50
Toluene-d8
Concen: 46.397 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023090.D
Acq: 14 Aug 2025 13:13

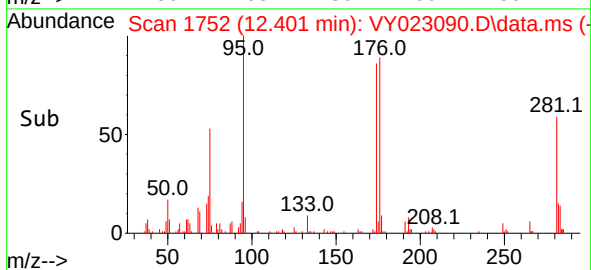
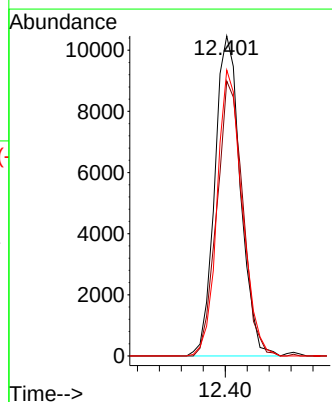
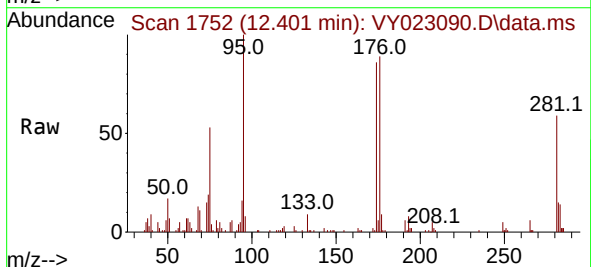
Instrument :
MSVOA_Y
ClientSampleId :
84SB-WRE

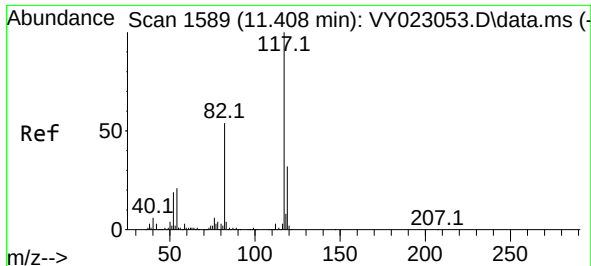
Tgt Ion: 98 Resp: 99008
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 24.842 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023090.D
Acq: 14 Aug 2025 13:13

Tgt Ion: 95 Resp: 17048
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 86.9 0.0 167.6

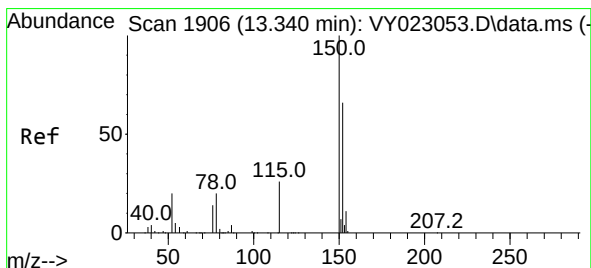
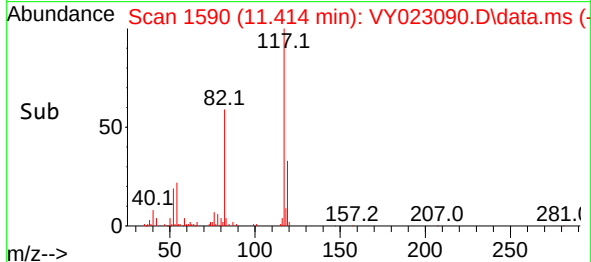
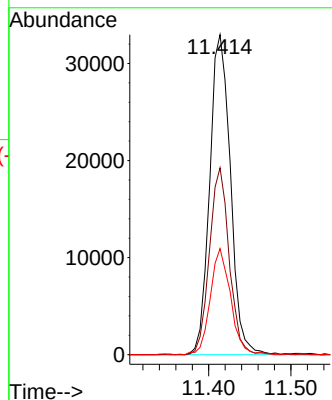
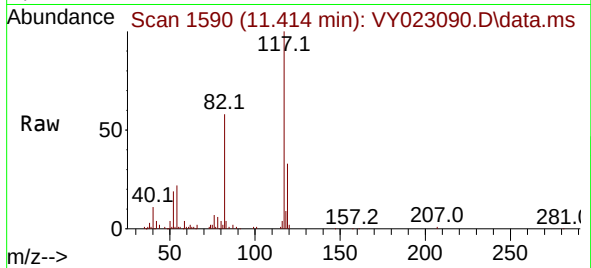




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023090.D
Acq: 14 Aug 2025 13:13

Instrument :
MSVOA_Y
ClientSampleId :
84SB-WRE

Tgt Ion:117 Resp: 57705
Ion Ratio Lower Upper
117 100
82 58.2 43.4 65.0
119 33.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023090.D
Acq: 14 Aug 2025 13:13

Tgt Ion:152 Resp: 13403
Ion Ratio Lower Upper
152 100
115 62.5 28.2 84.6
150 159.5 0.0 348.0

