

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022853.D
 Acq On : 27 Jun 2025 11:32
 Operator : SY/MD
 Sample : VY0627SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBL01

Quant Time: Jun 27 23:14:28 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	7.713	168	358693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	655911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	603519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	250491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	177954	44.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.900%
35) Dibromofluoromethane	7.640	113	196071	49.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.109	98	780045	49.281	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.408	95	260646	51.223	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.440%

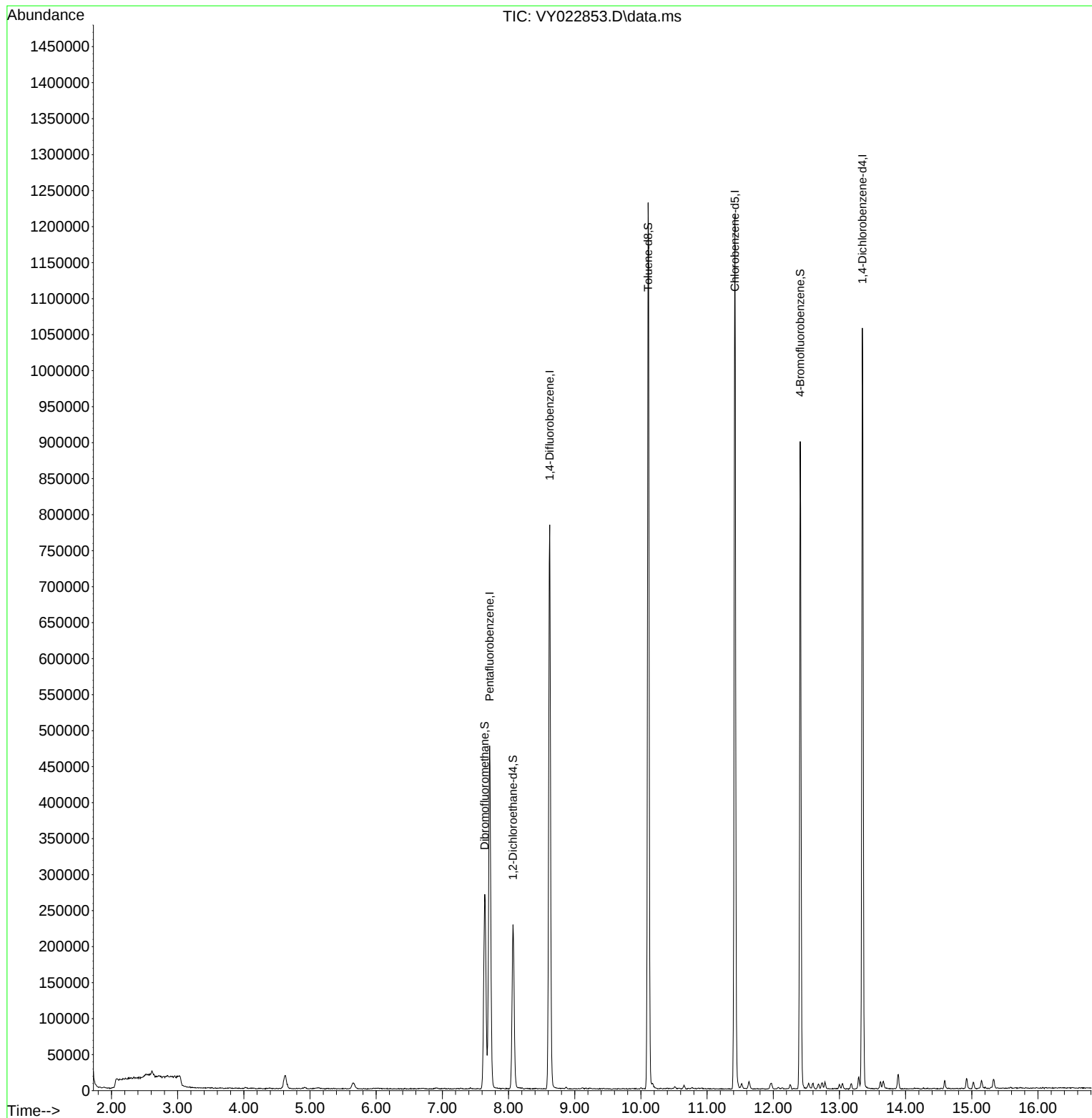
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
Data File : VY022853.D
Acq On : 27 Jun 2025 11:32
Operator : SY/MD
Sample : VY0627SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

Quant Time: Jun 27 23:14:28 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

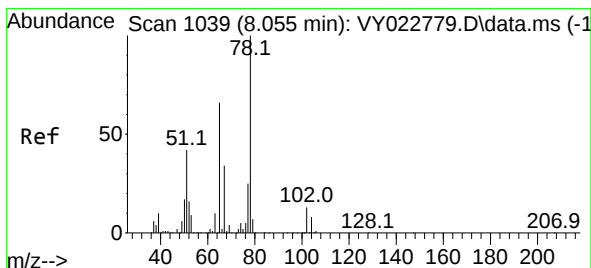
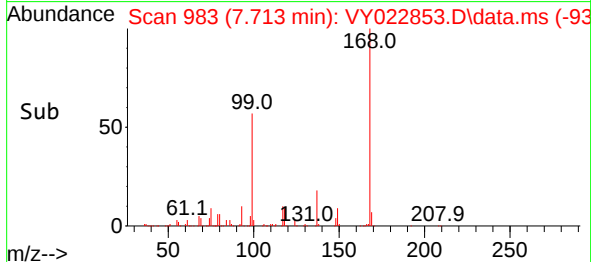
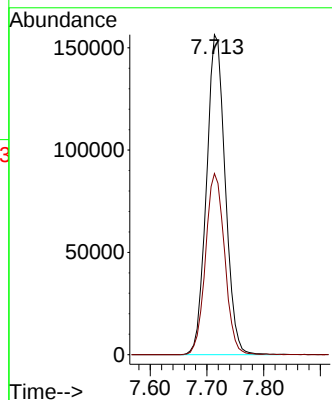
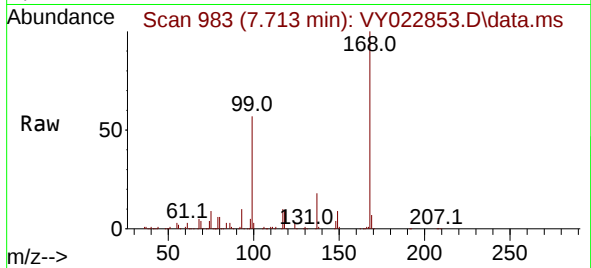




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

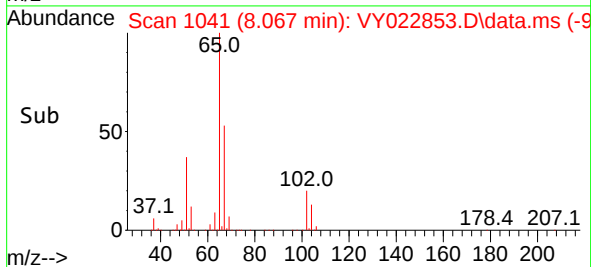
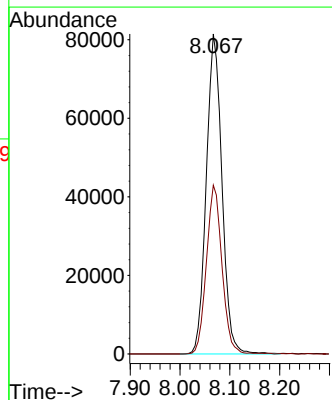
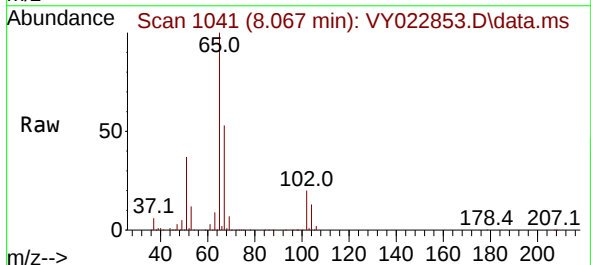
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

Tgt Ion:168 Resp: 358693
Ion Ratio Lower Upper
168 100
99 56.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 44.451 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion: 65 Resp: 177954
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

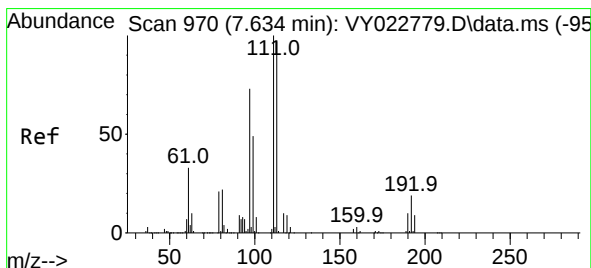
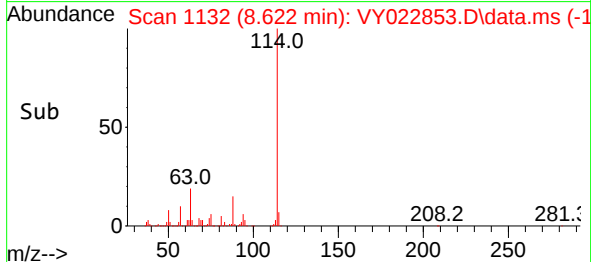
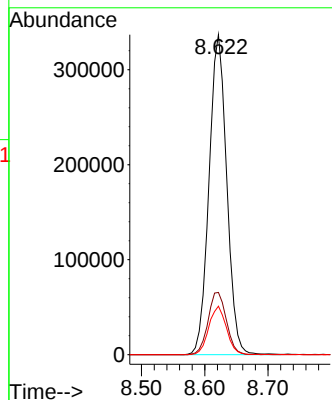
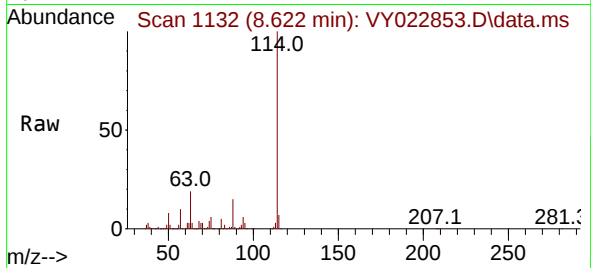




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

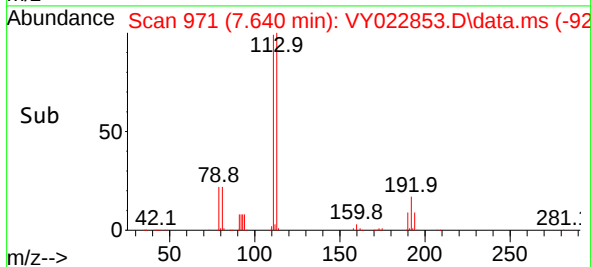
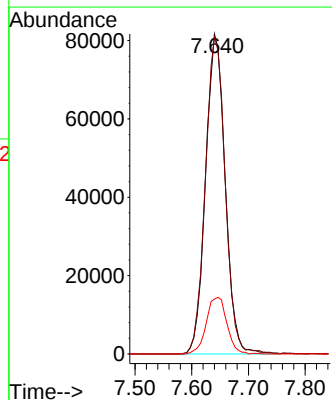
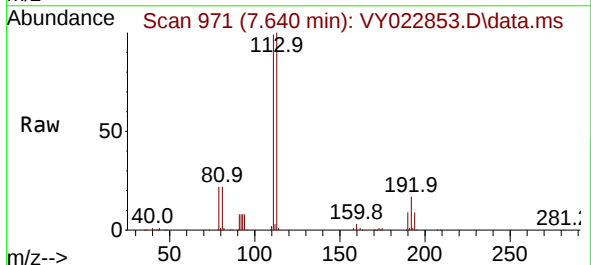
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

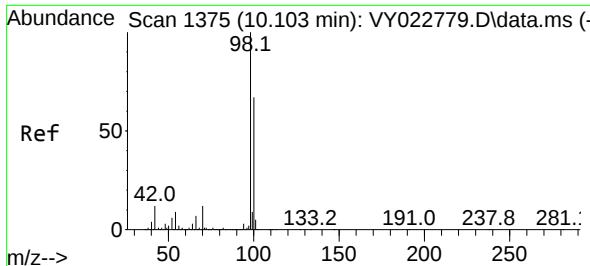
Tgt Ion:114 Resp: 655911
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.1 0.0 27.8



#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion:113 Resp: 196071
Ion Ratio Lower Upper
113 100
111 100.7 81.1 121.7
192 18.6 14.2 21.2

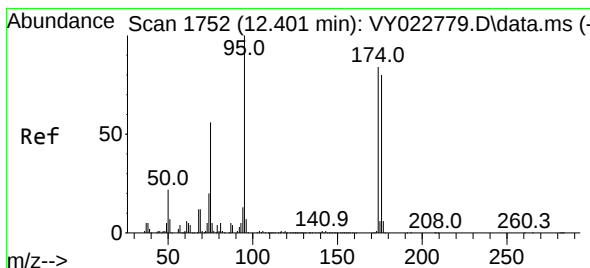
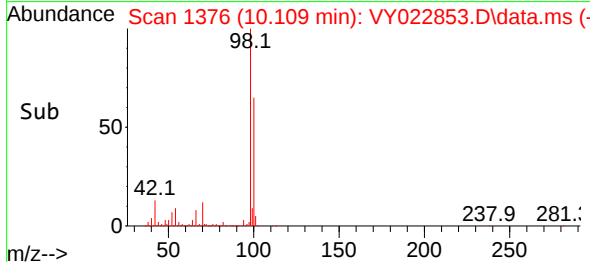
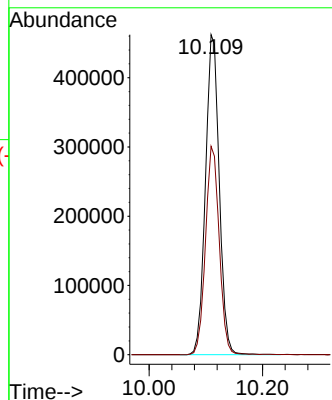
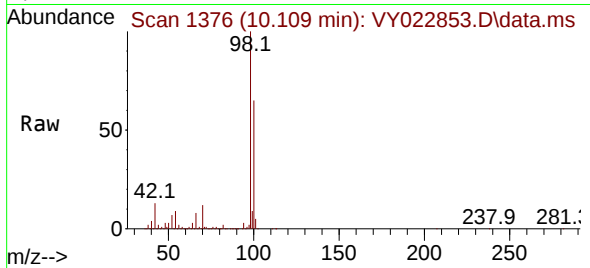




#50
Toluene-d8
Concen: 49.281 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

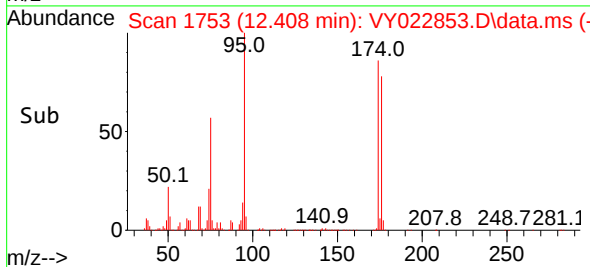
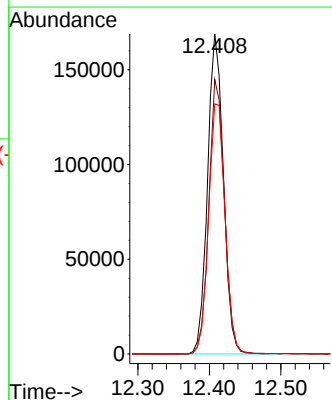
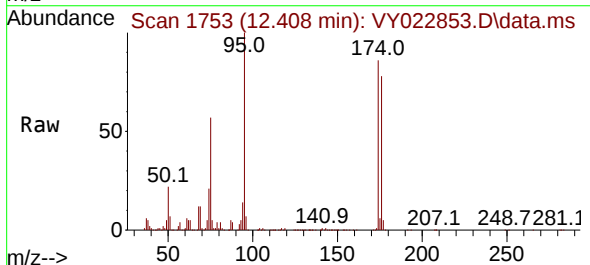
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

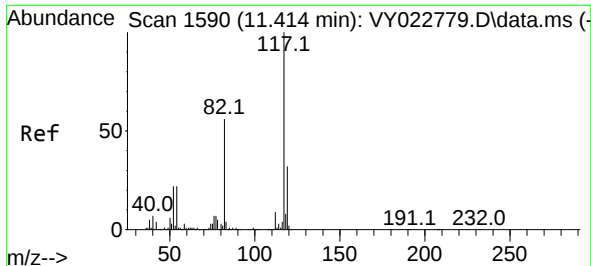
Tgt Ion: 98 Resp: 780045
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.223 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion: 95 Resp: 260646
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.0
176 81.0 0.0 166.2

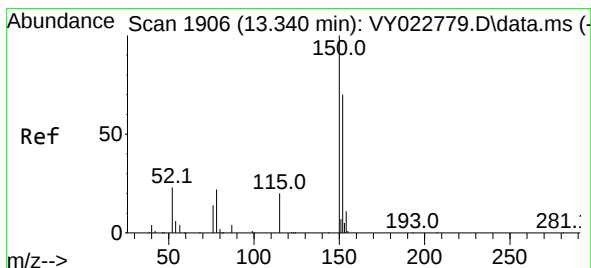
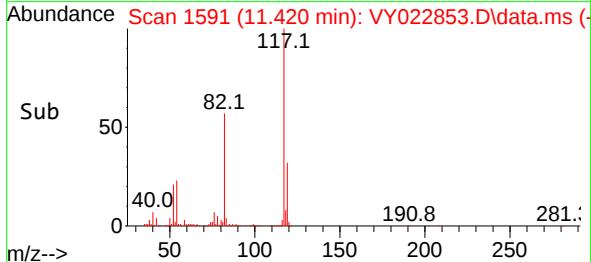
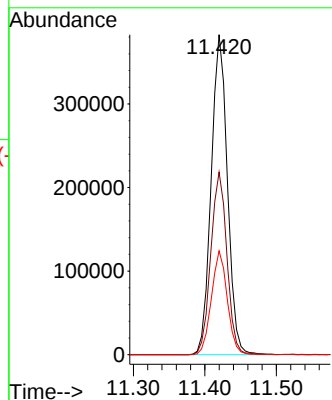
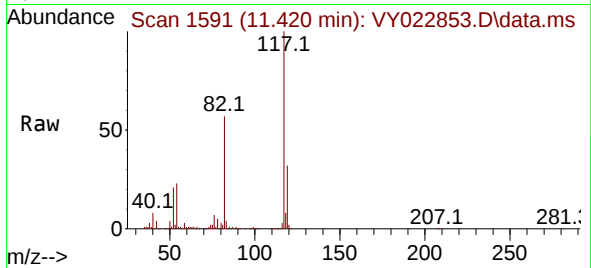




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

Tgt Ion:117 Resp: 603519
Ion Ratio Lower Upper
117 100
82 57.1 44.6 66.8
119 32.4 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: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion:152 Resp: 250491
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 158.4 0.0 349.6

