

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023940.D
 Acq On : 11 Dec 2025 08:57
 Operator : SY/MD
 Sample : VY1211SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBL01

Quant Time: Dec 12 03:17:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	771211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1297187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1132884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	487980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	383475	56.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.480%
35) Dibromofluoromethane	7.640	113	409690	48.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.109	98	1486654	47.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.180%
62) 4-Bromofluorobenzene	12.408	95	453002	42.967	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.940%

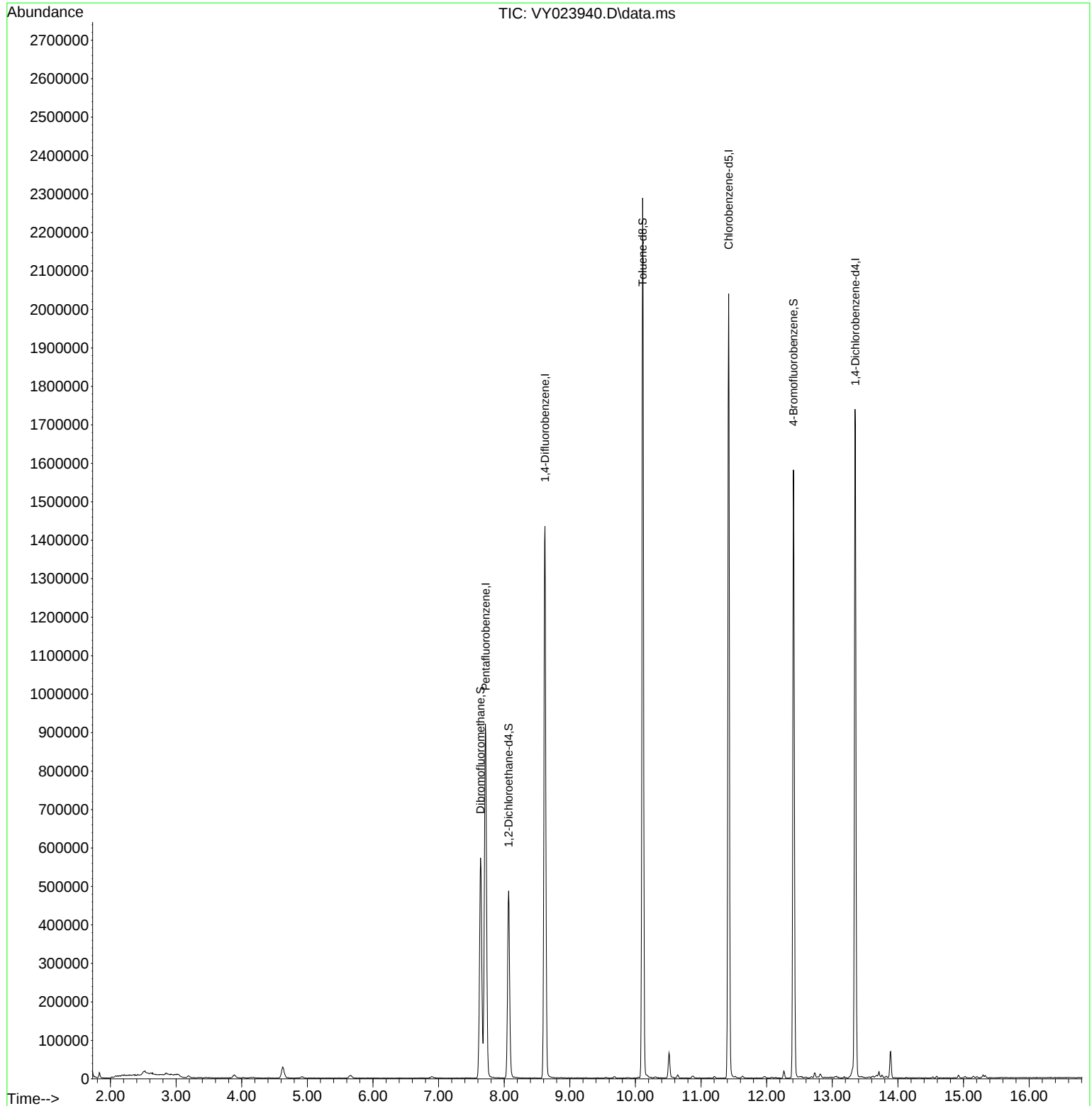
Target Compounds	Qvalue

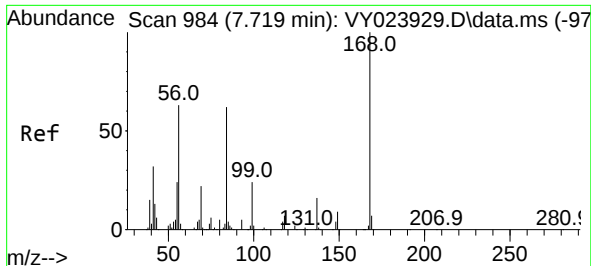
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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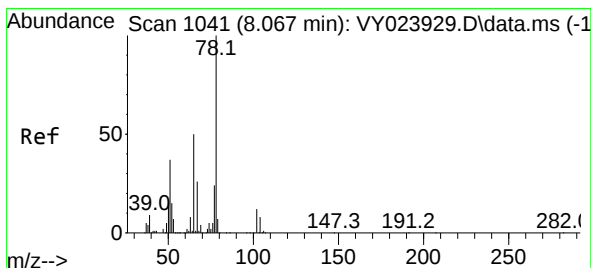
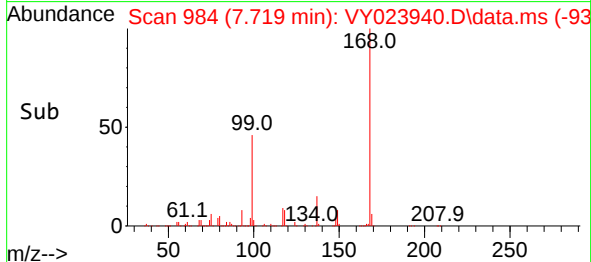
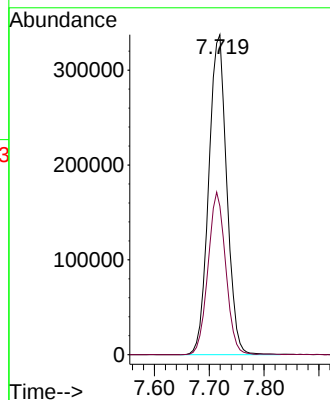
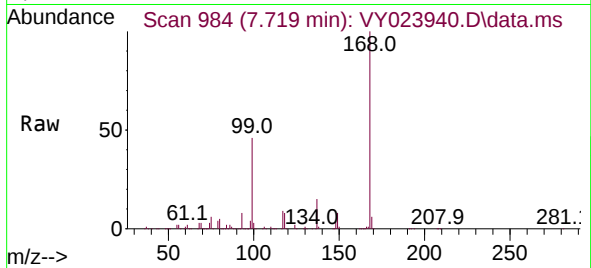




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

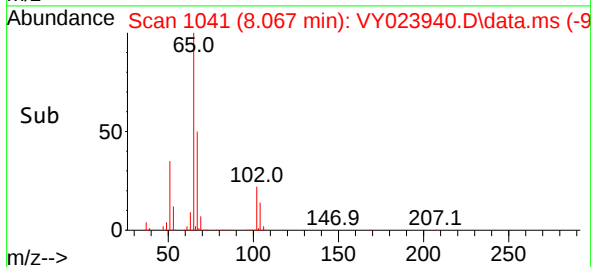
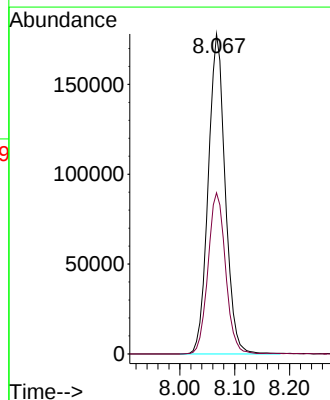
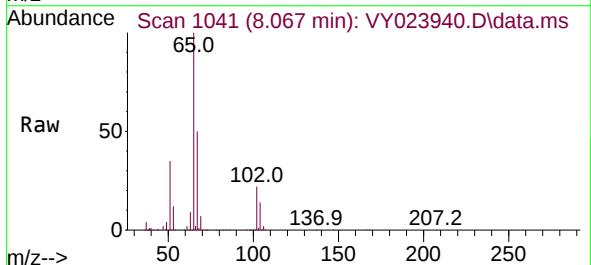
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

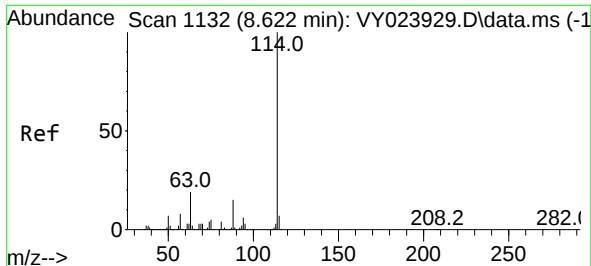
Tgt Ion:168 Resp: 771211
Ion Ratio Lower Upper
168 100
99 46.4 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 56.239 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Tgt Ion: 65 Resp: 383475
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

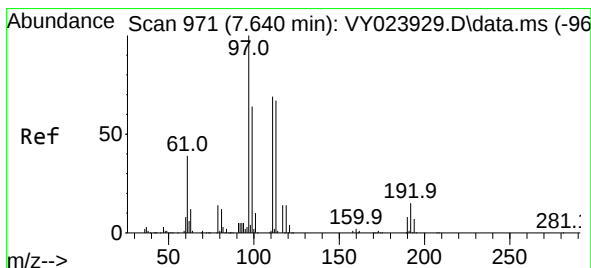
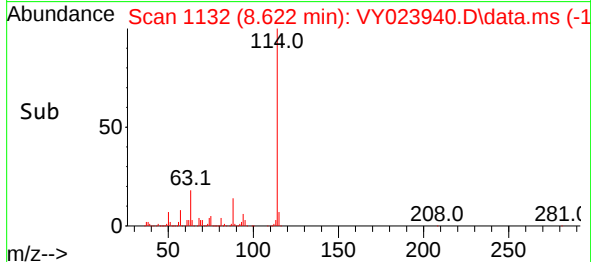
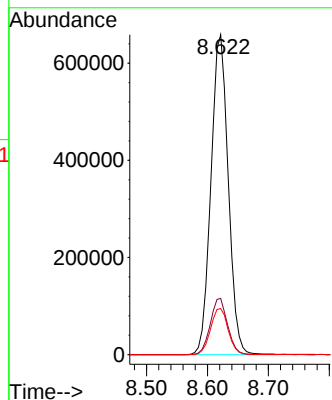
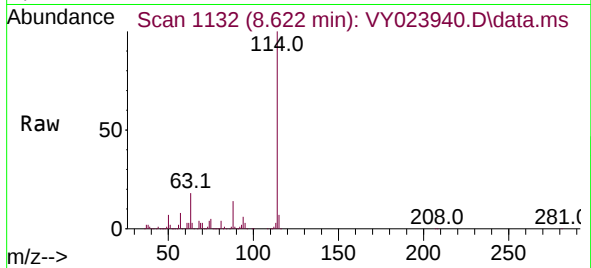




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

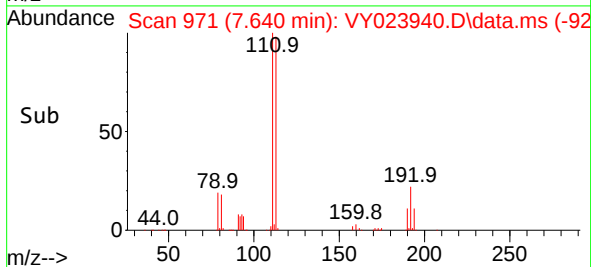
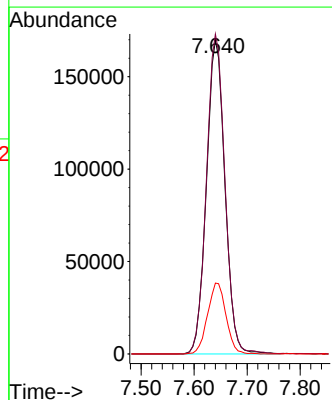
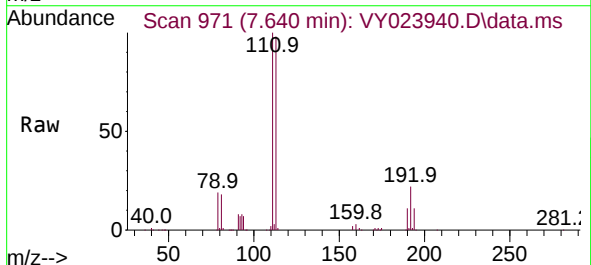
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

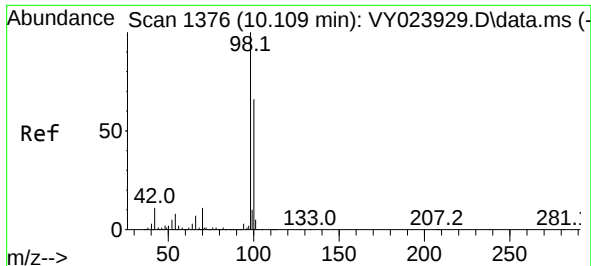
Tgt Ion:114 Resp: 1297187
Ion Ratio Lower Upper
114 100
63 17.6 0.0 37.2
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.315 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Tgt Ion:113 Resp: 409690
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 22.5 17.9 26.9

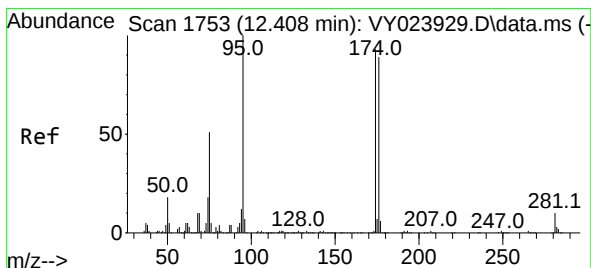
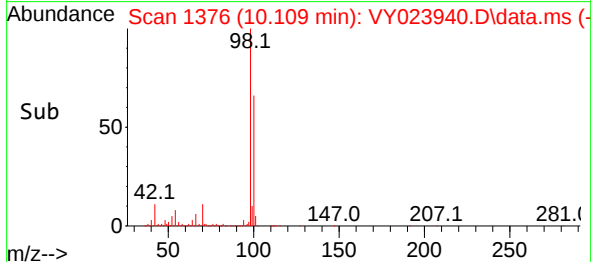
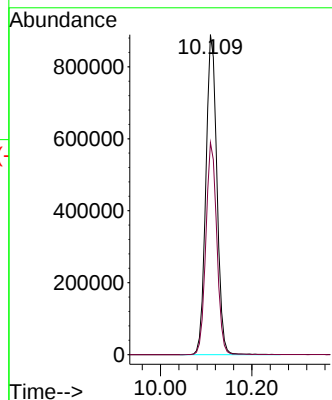
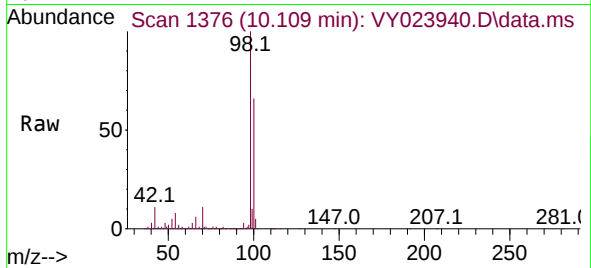




#50
Toluene-d8
Concen: 47.090 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

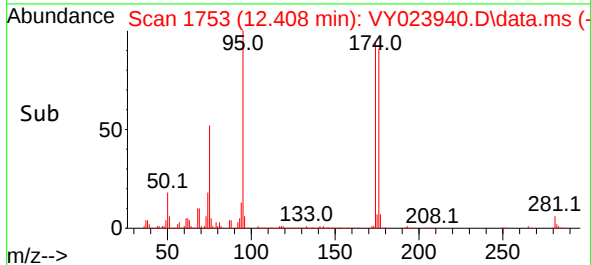
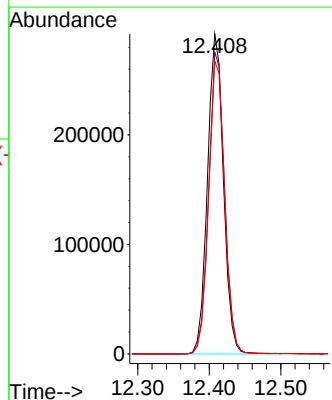
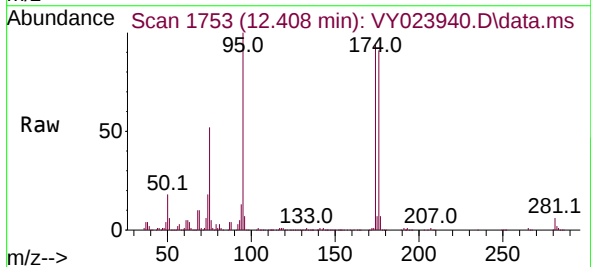
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

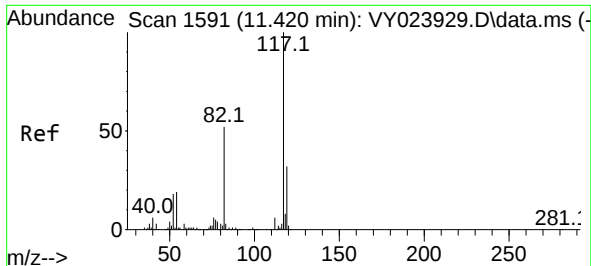
Tgt Ion: 98 Resp: 1486654
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 42.967 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Tgt Ion: 95 Resp: 453002
Ion Ratio Lower Upper
95 100
174 94.1 0.0 187.4
176 91.4 0.0 179.6

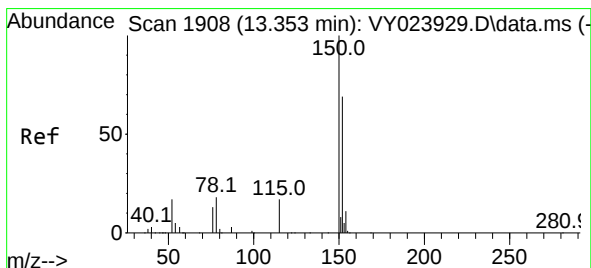
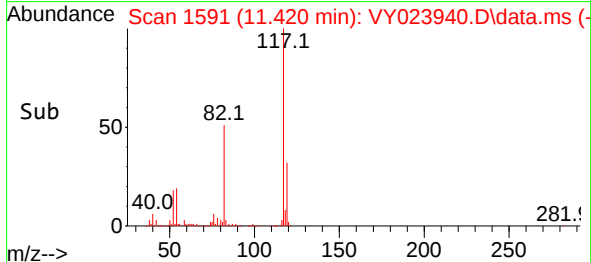
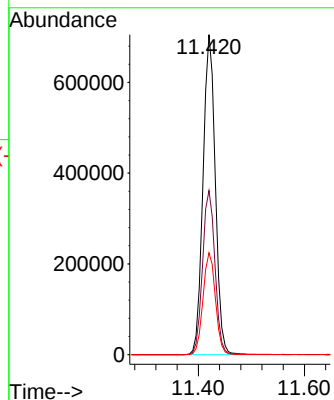
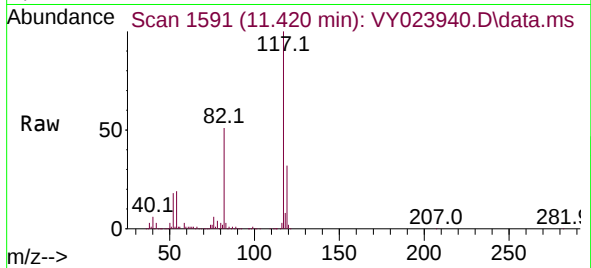




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

Tgt Ion:117 Resp: 1132884
Ion Ratio Lower Upper
117 100
82 51.3 41.4 62.2
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY023940.D
Acq: 11 Dec 2025 08:57

Tgt Ion:152 Resp: 487980
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.9
150 155.9 0.0 347.6

