

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022786.D
 Acq On : 24 Jun 2025 10:25
 Operator : SY/MD
 Sample : VY0624SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBL01

Quant Time: Jun 25 01:20:51 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	300507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	535641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	452693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	171409	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	182809	54.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.020%
35) Dibromofluoromethane	7.628	113	170594	52.369	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.103	98	635701	49.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.402	95	177906	42.813	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.620%

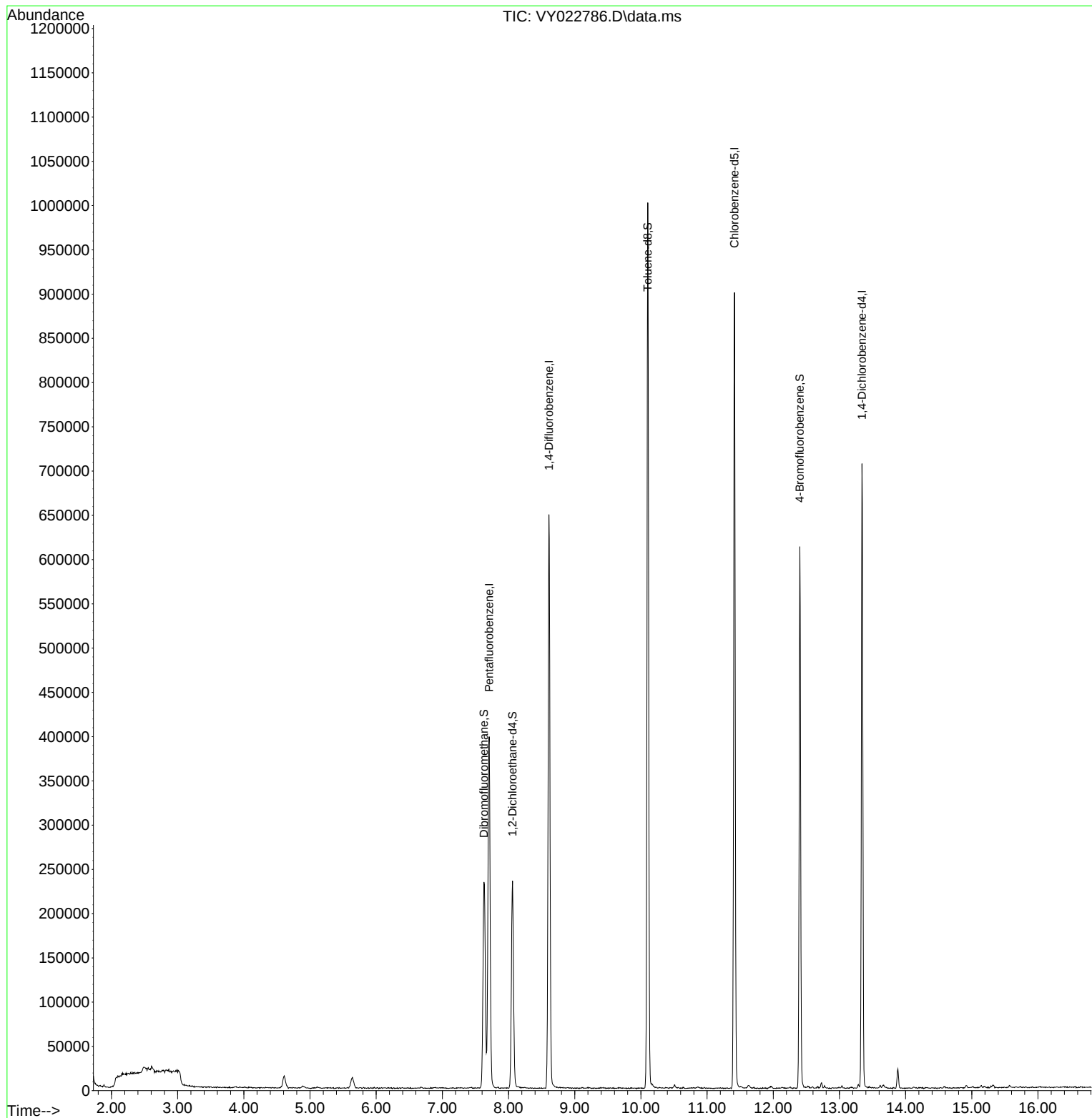
Target Compounds	Qvalue

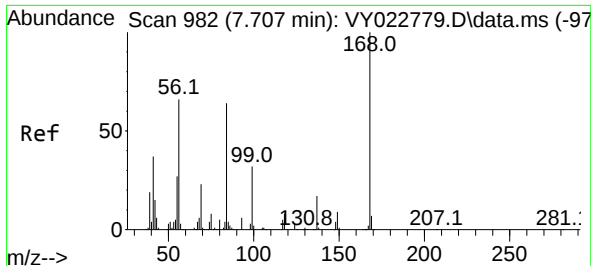
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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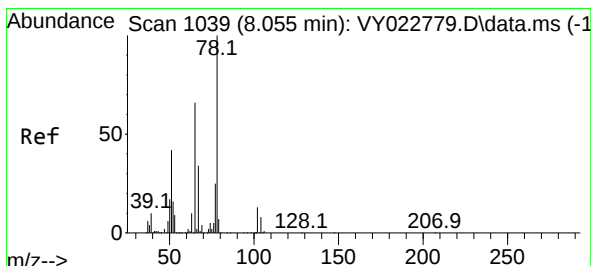
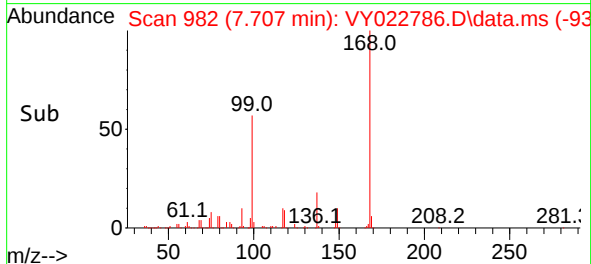
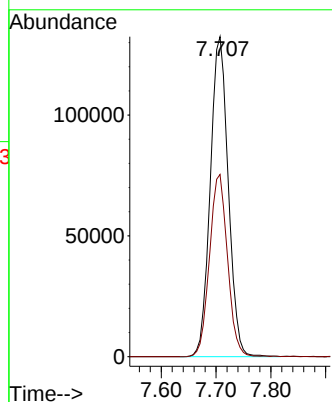
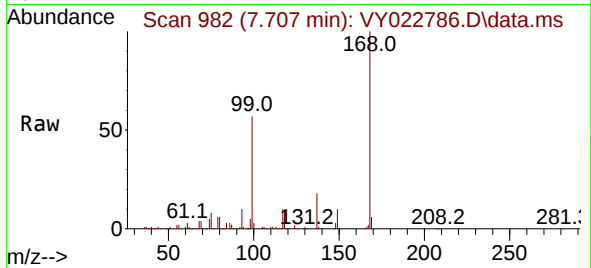




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

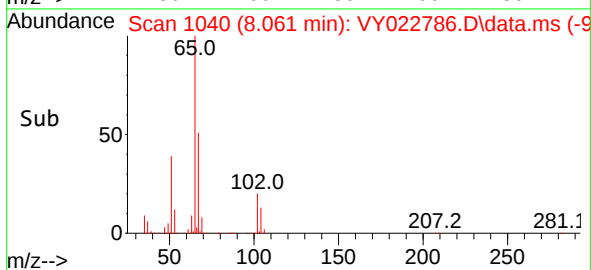
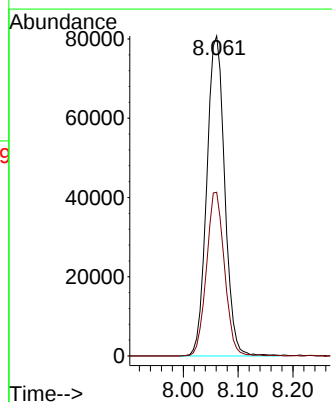
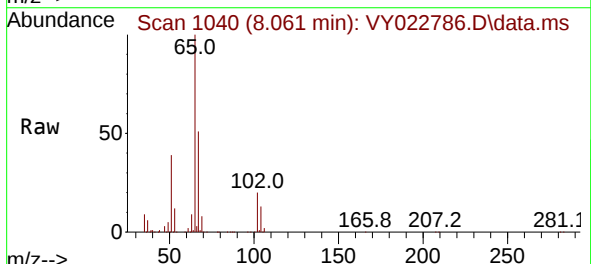
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

Tgt Ion:168 Resp: 300507
Ion Ratio Lower Upper
168 100
99 56.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 54.505 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 65 Resp: 182809
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

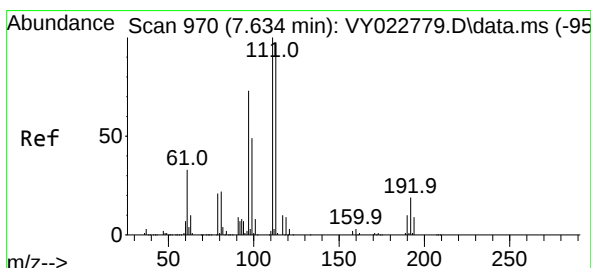
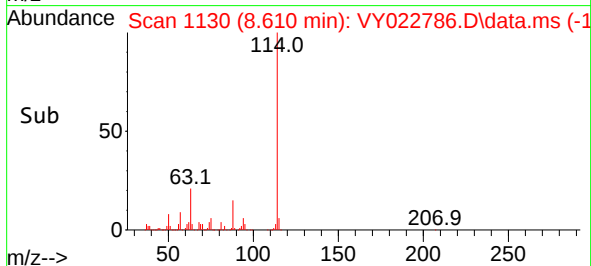
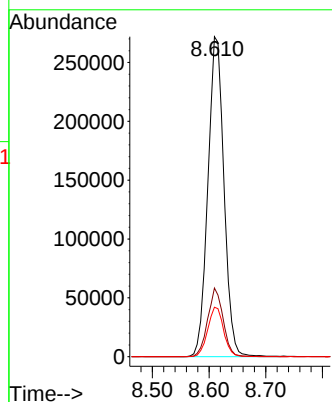
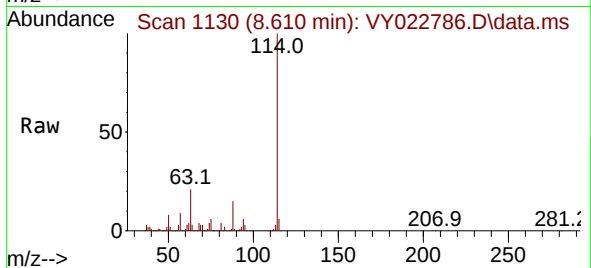




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

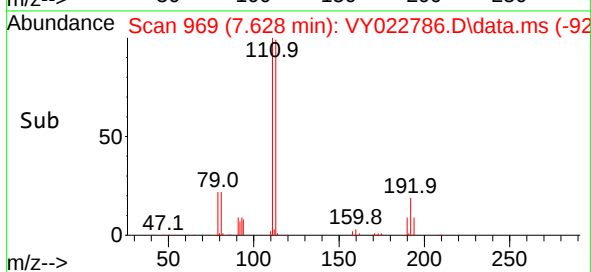
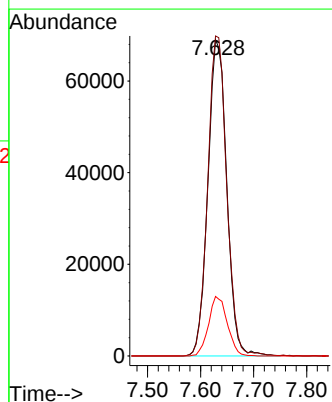
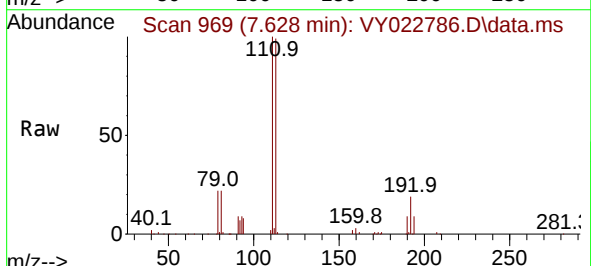
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

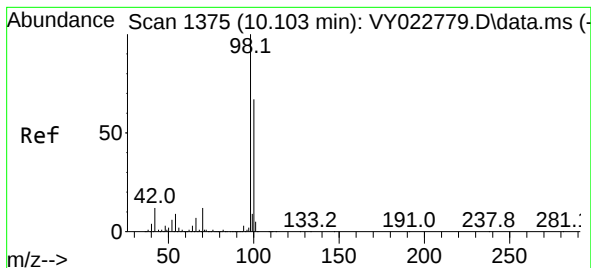
Tgt Ion:114 Resp: 535641
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.4 0.0 27.8



#35
Dibromofluoromethane
Concen: 52.369 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion:113 Resp: 170594
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 18.7 14.2 21.2

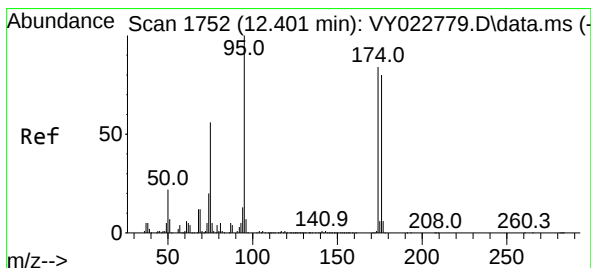
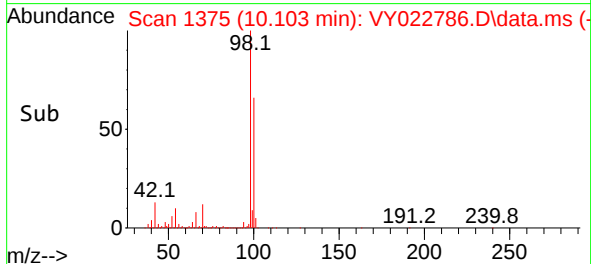
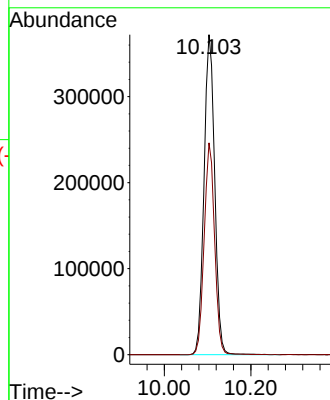
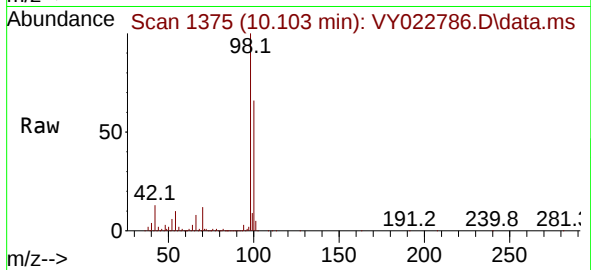




#50
Toluene-d8
Concen: 49.179 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

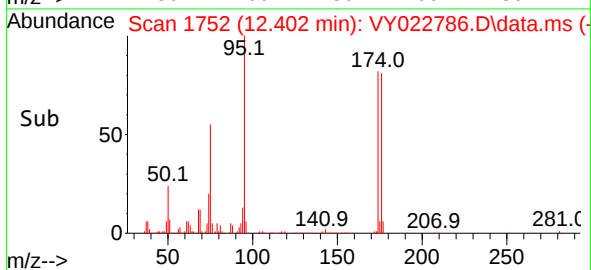
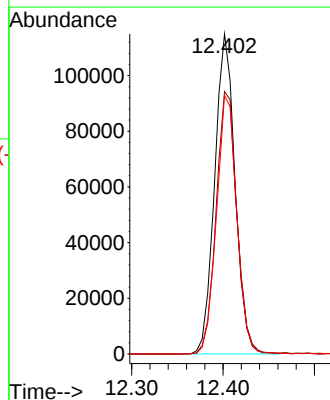
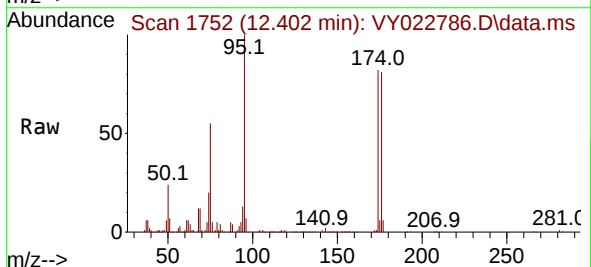
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBL01

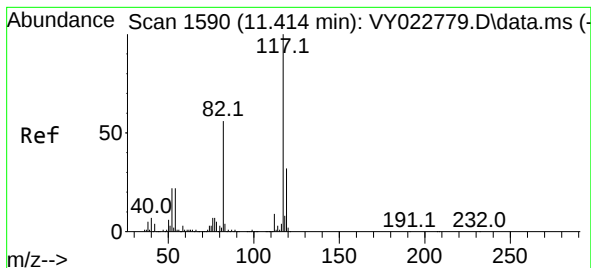
Tgt Ion: 98 Resp: 635701
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.813 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022786.D
Acq: 24 Jun 2025 10:25

Tgt Ion: 95 Resp: 177906
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.0
176 80.6 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022786.D

Acq: 24 Jun 2025 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBL01

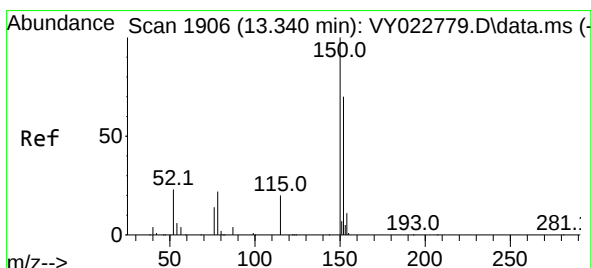
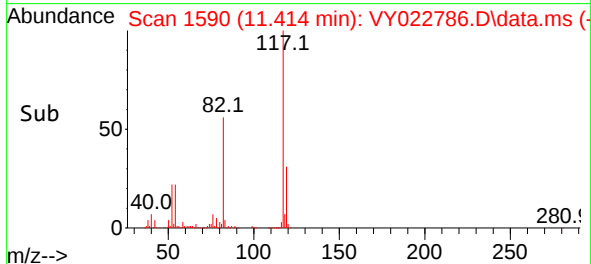
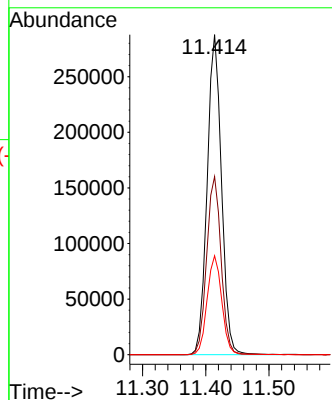
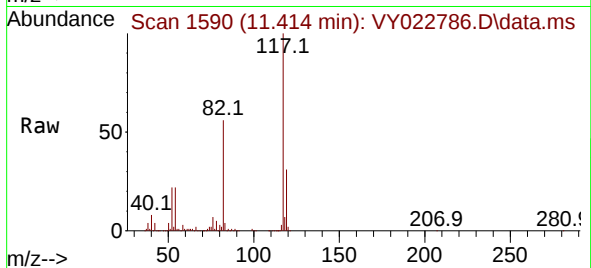
Tgt Ion:117 Resp: 452693

Ion Ratio Lower Upper

117 100

82 55.6 44.6 66.8

119 30.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022786.D

Acq: 24 Jun 2025 10:25

Tgt Ion:152 Resp: 171409

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.7

150 155.7 0.0 349.6

