

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
 Data File : VY023016.D
 Acq On : 21 Jul 2025 10:39
 Operator : SY/MD
 Sample : VY0721SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

Quant Time: Jul 22 04:47:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	332701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	625866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	615563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	271493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	182021	54.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.080%
35) Dibromofluoromethane	7.634	113	196791	49.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.109	98	756332	48.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.407	95	271169	54.716	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.440%

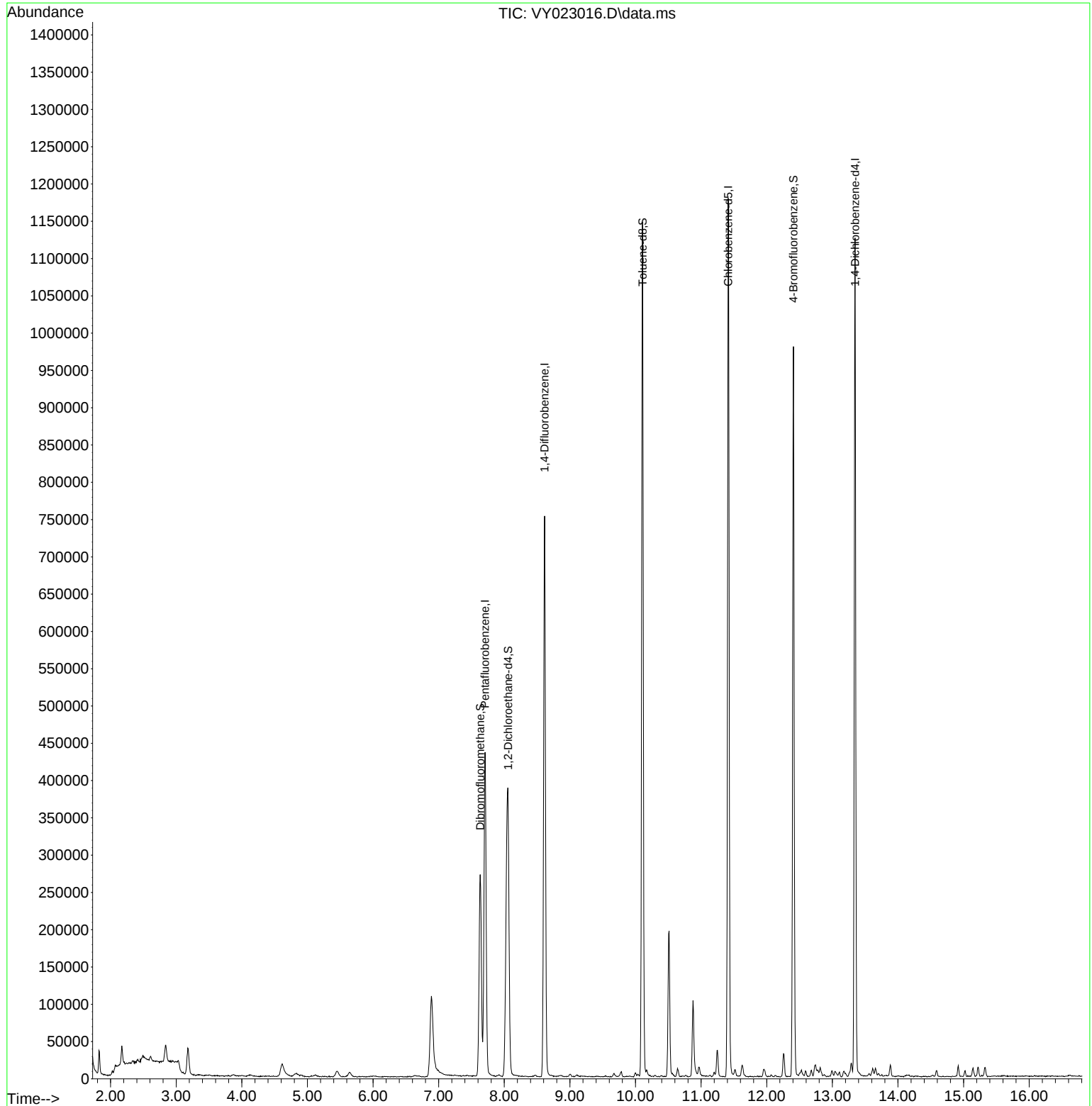
Target Compounds	Qvalue

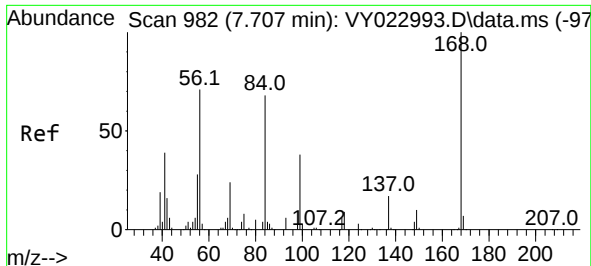
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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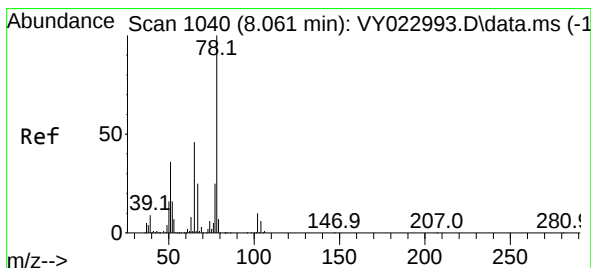
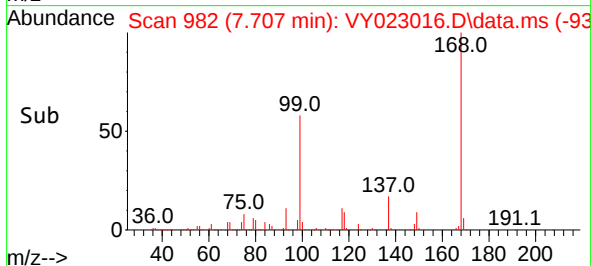
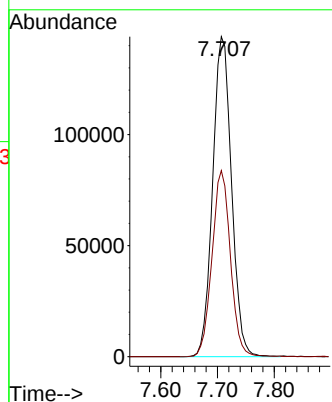
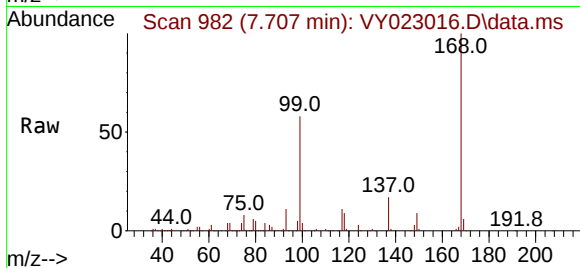




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY023016.D
Acq: 21 Jul 2025 10:39

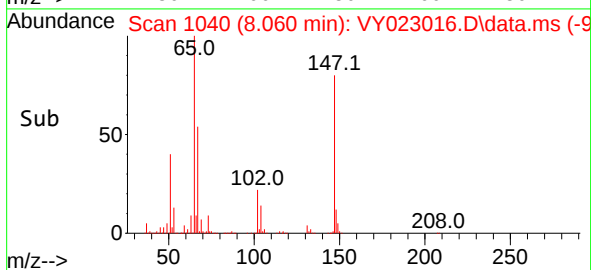
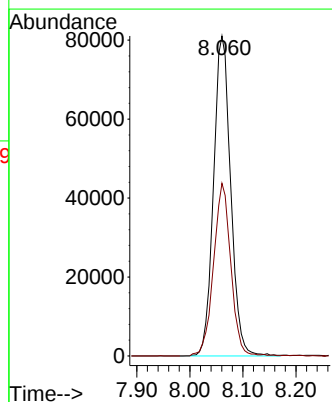
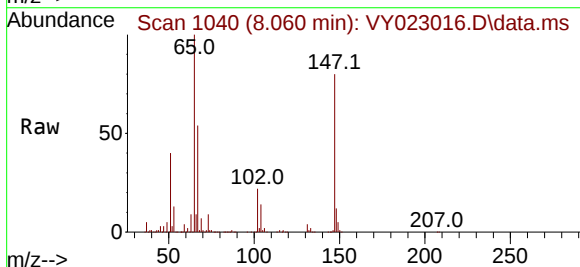
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

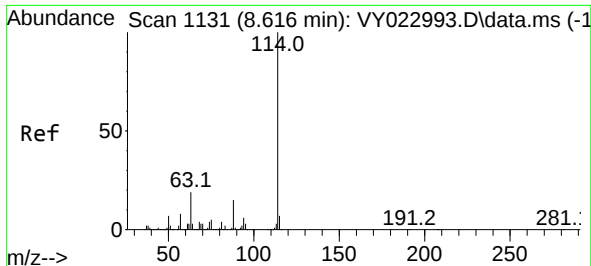
Tgt Ion:168 Resp: 332701
Ion Ratio Lower Upper
168 100
99 58.2 44.4 66.6



#33
1,2-Dichloroethane-d4
Concen: 54.044 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023016.D
Acq: 21 Jul 2025 10:39

Tgt Ion: 65 Resp: 182021
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.4

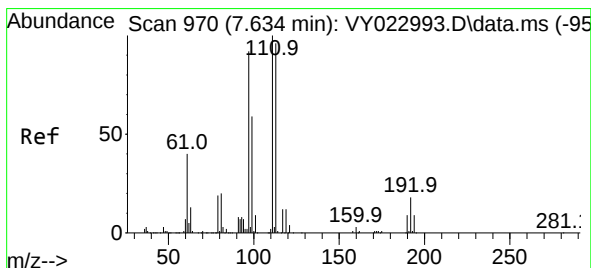
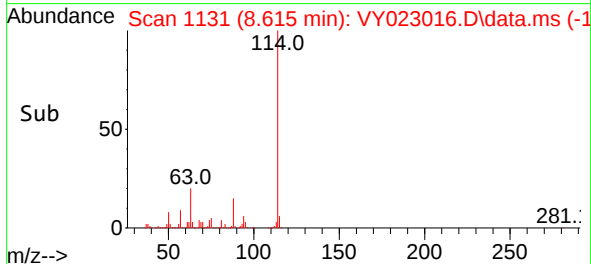
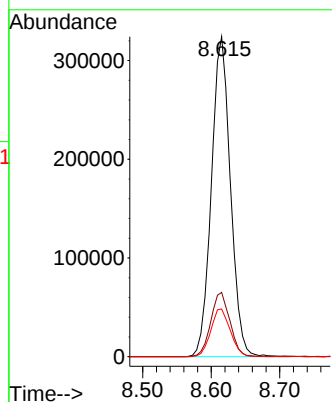
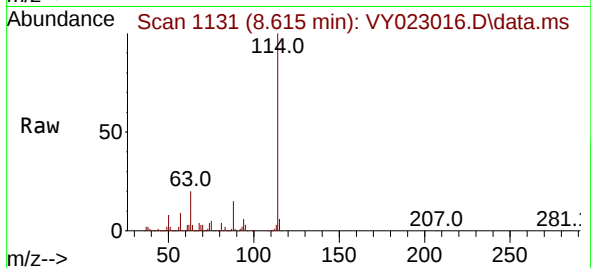




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023016.D
Acq: 21 Jul 2025 10:39

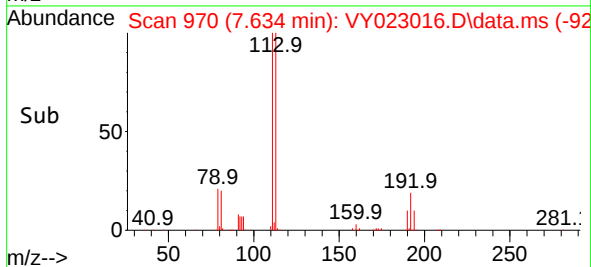
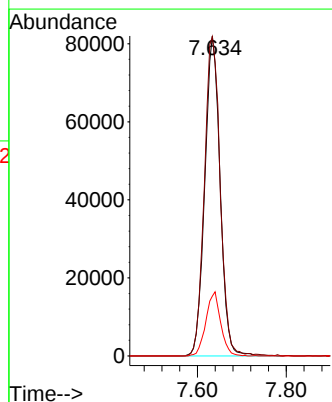
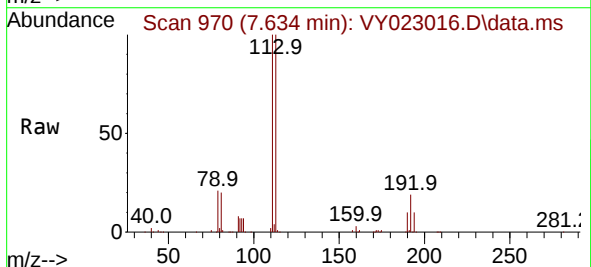
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

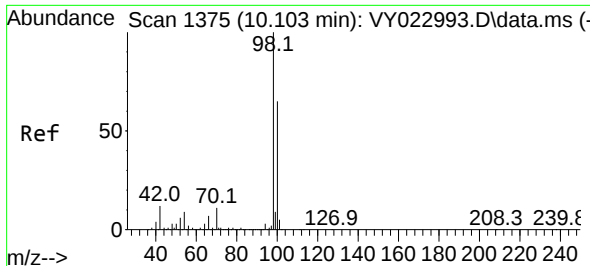
Tgt Ion:114 Resp: 625866
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.8
88 14.9 0.0 30.2



#35
Dibromofluoromethane
Concen: 49.568 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023016.D
Acq: 21 Jul 2025 10:39

Tgt Ion:113 Resp: 196791
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 19.4 15.3 22.9

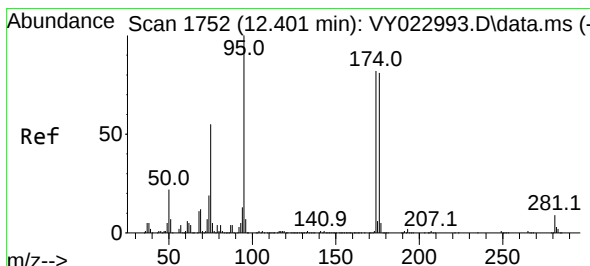
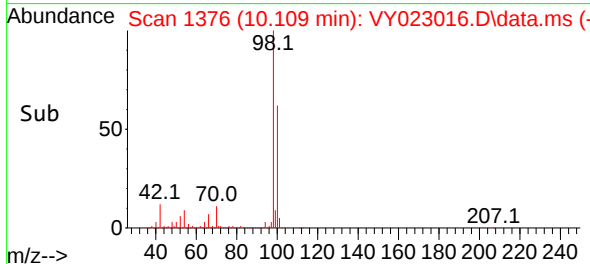
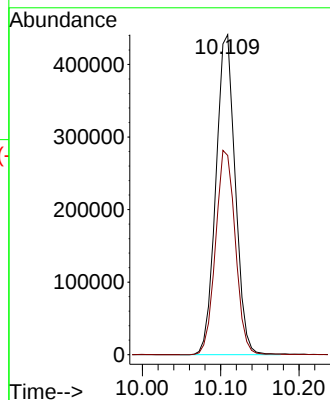
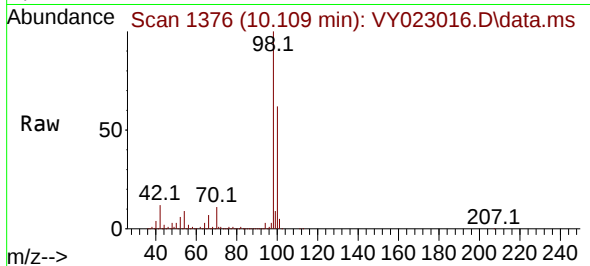




#50
Toluene-d8
Concen: 48.040 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023016.D
Acq: 21 Jul 2025 10:39

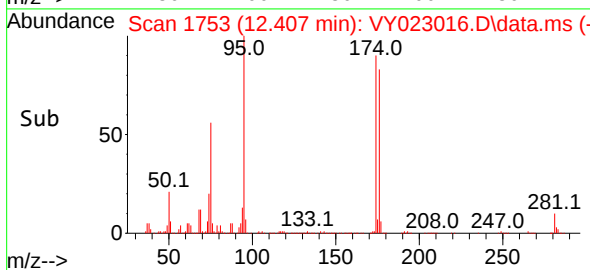
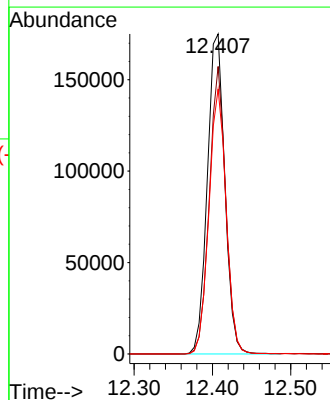
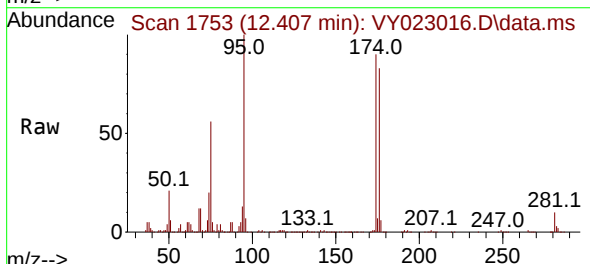
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

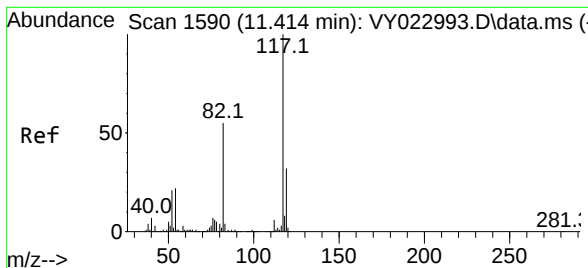
Tgt Ion: 98 Resp: 756332
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 54.716 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023016.D
Acq: 21 Jul 2025 10:39

Tgt Ion: 95 Resp: 271169
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 81.4 0.0 163.6

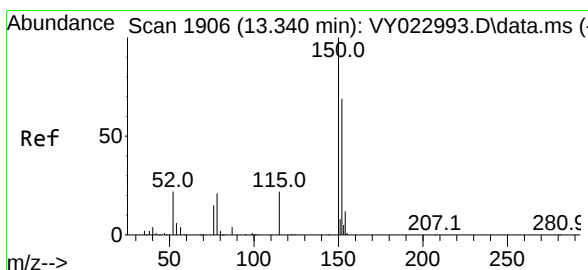
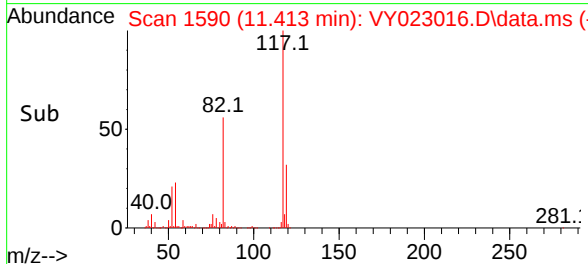
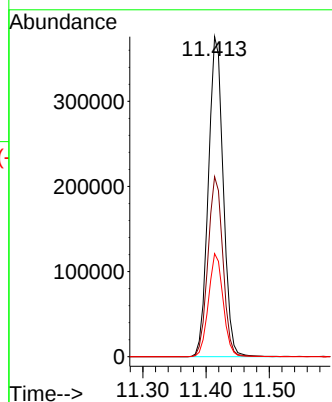
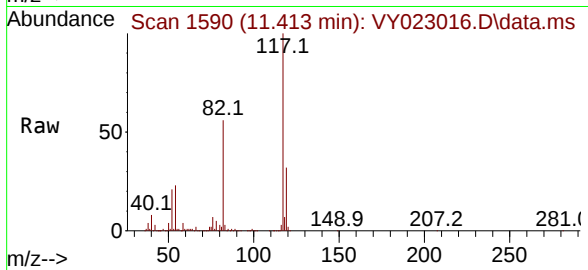




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023016.D
Acq: 21 Jul 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

Tgt Ion:117 Resp: 615563
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023016.D
Acq: 21 Jul 2025 10:39

Tgt Ion:152 Resp: 271493
Ion Ratio Lower Upper
152 100
115 57.2 29.4 88.2
150 157.4 0.0 350.0

