

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
 Data File : VY023025.D
 Acq On : 21 Jul 2025 14:36
 Operator : SY/MD
 Sample : Q2649-07
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Jul 22 04:52:00 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	285152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	548072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	552632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	259290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173959	60.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.520%
35) Dibromofluoromethane	7.628	113	177995	51.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.400%
50) Toluene-d8	10.103	98	679778	49.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.402	95	244413	56.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.640%

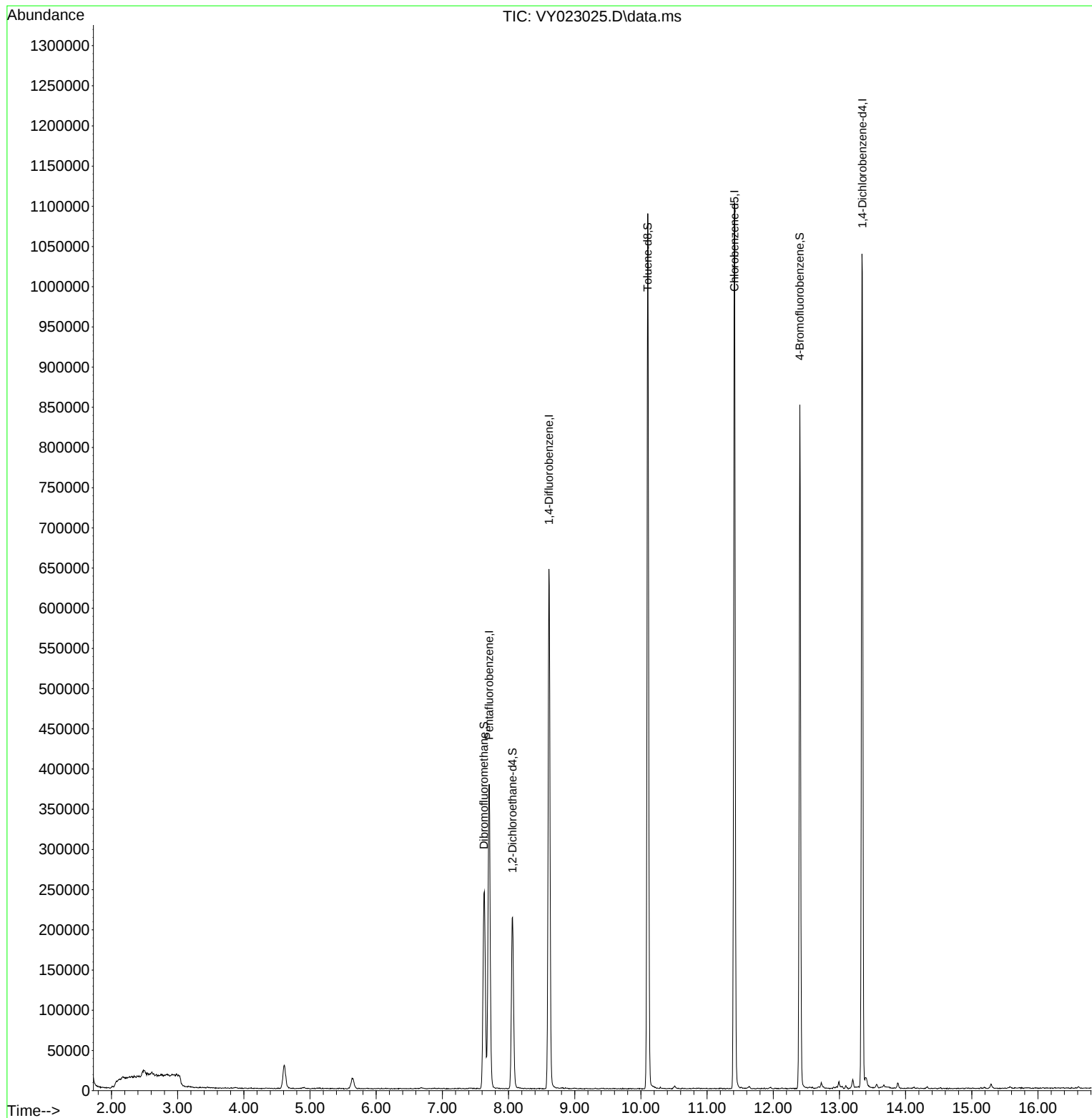
Target Compounds	Qvalue

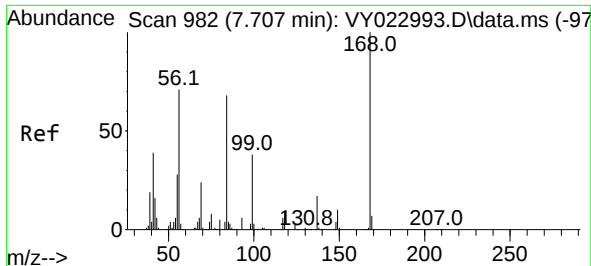
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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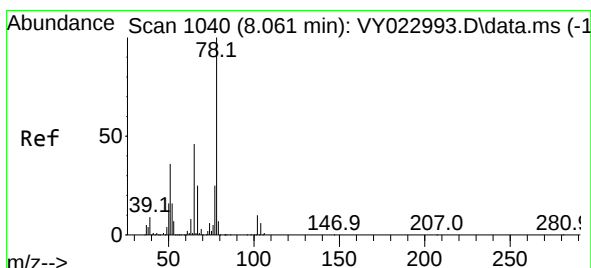
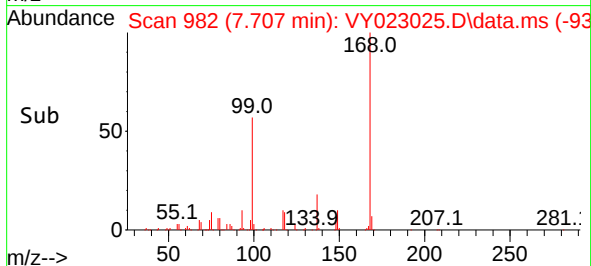
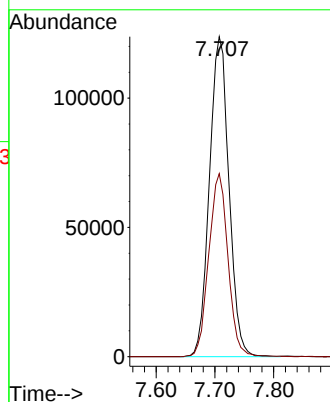
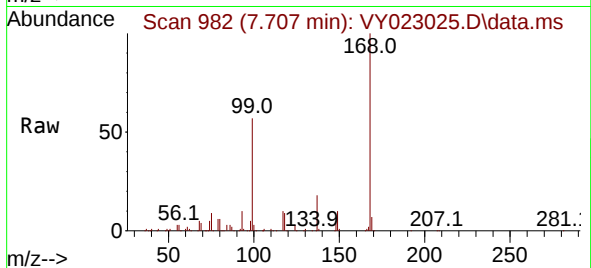




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023025.D
Acq: 21 Jul 2025 14:36

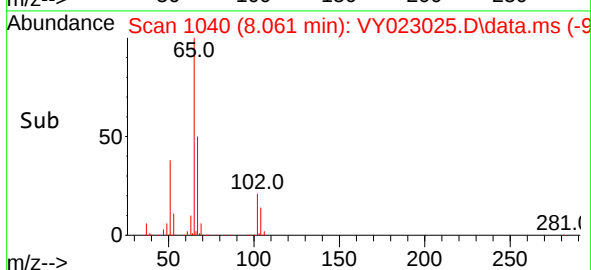
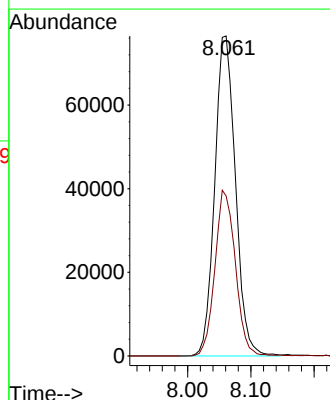
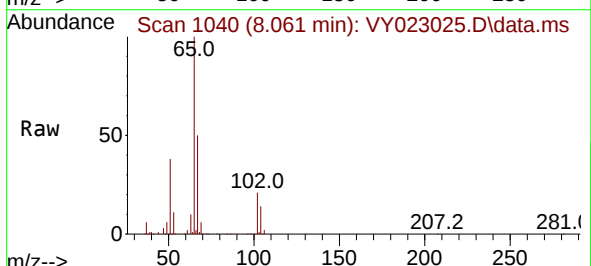
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

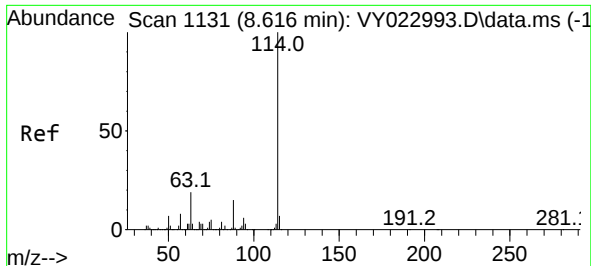
Tgt Ion:168 Resp: 285152
Ion Ratio Lower Upper
168 100
99 57.2 44.4 66.6



#33
1,2-Dichloroethane-d4
Concen: 60.263 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023025.D
Acq: 21 Jul 2025 14:36

Tgt Ion: 65 Resp: 173959
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

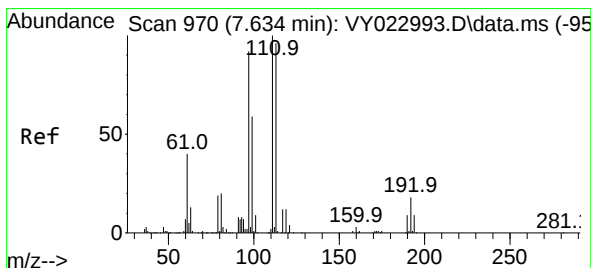
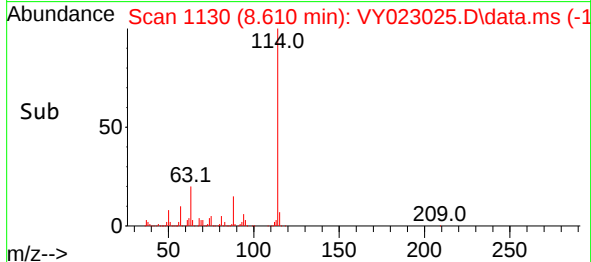
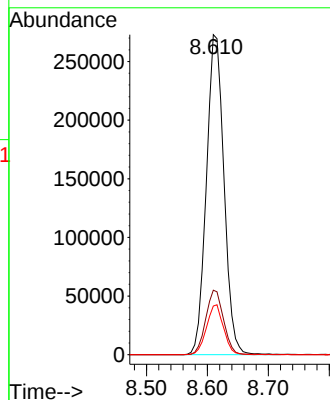
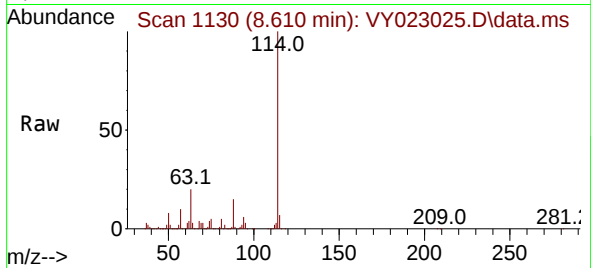




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY023025.D
Acq: 21 Jul 2025 14:36

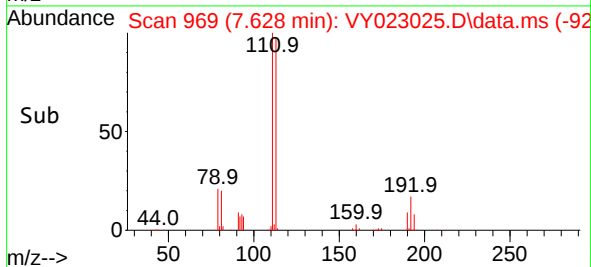
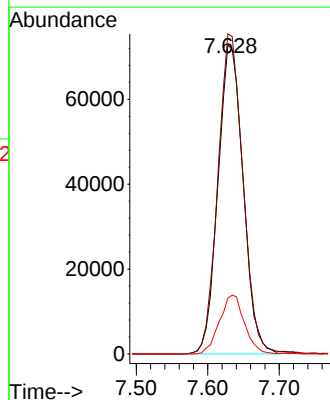
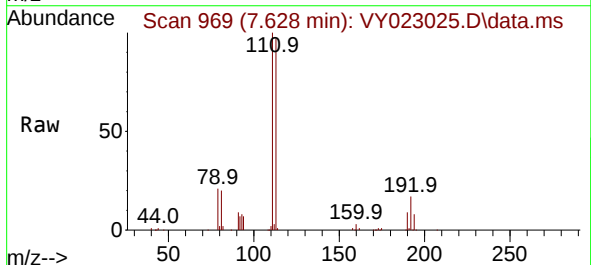
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

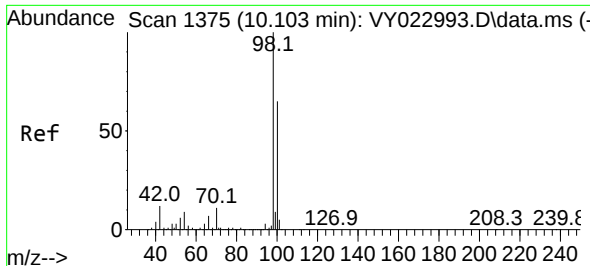
Tgt Ion:114 Resp: 548072
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.8
88 15.2 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.198 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY023025.D
Acq: 21 Jul 2025 14:36

Tgt Ion:113 Resp: 177995
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 18.9 15.3 22.9

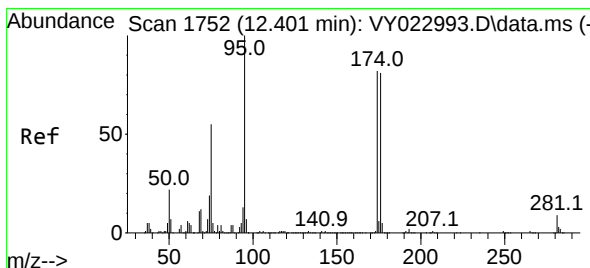
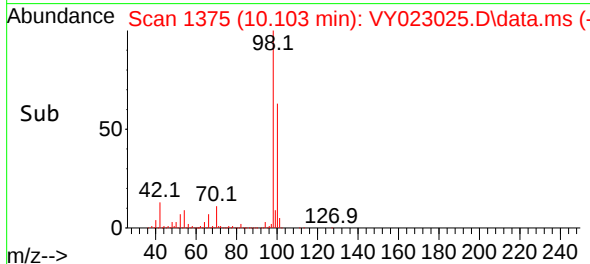
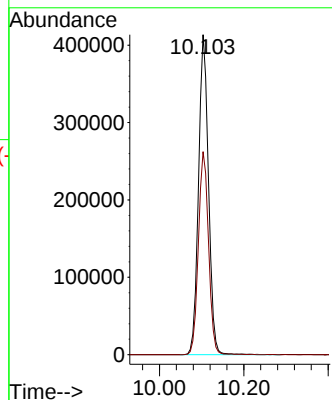
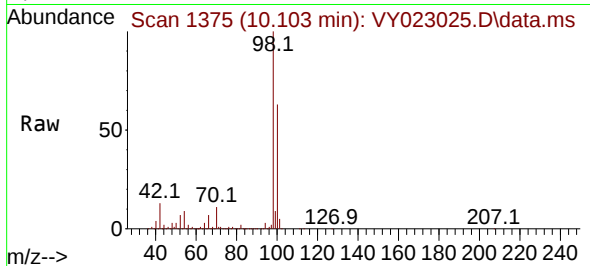




#50
Toluene-d8
Concen: 49.306 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023025.D
Acq: 21 Jul 2025 14:36

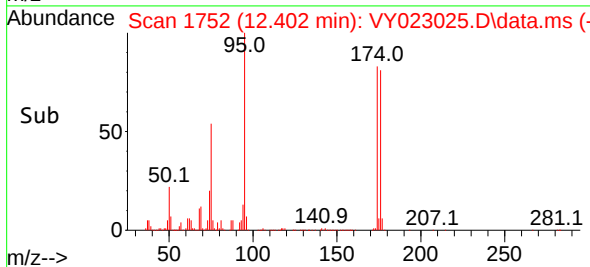
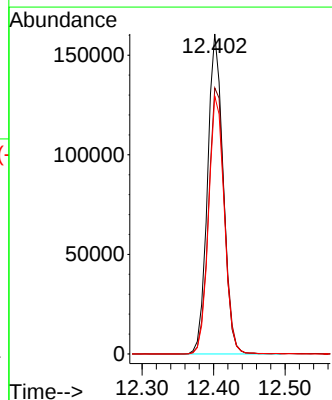
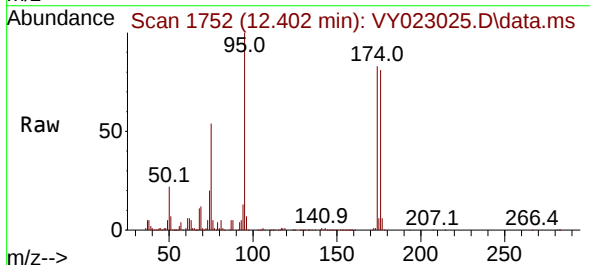
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

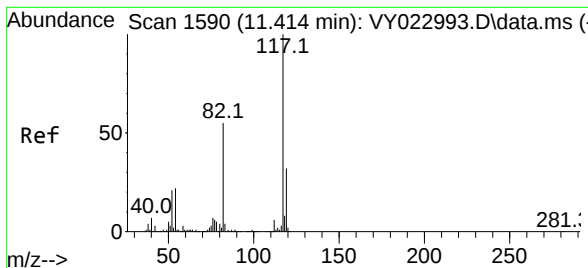
Tgt Ion: 98 Resp: 679778
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 56.317 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023025.D
Acq: 21 Jul 2025 14:36

Tgt Ion: 95 Resp: 244413
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.8
176 80.8 0.0 163.6

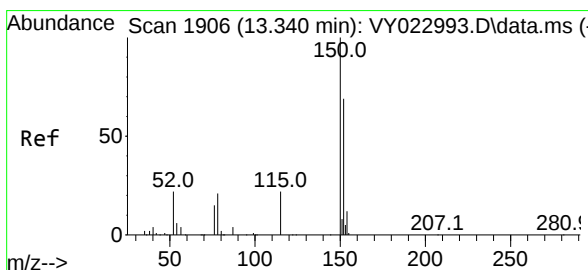
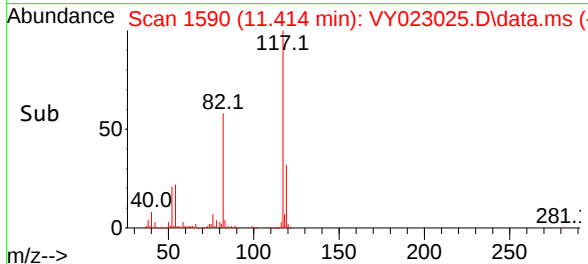
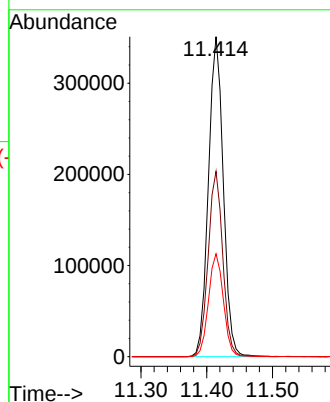
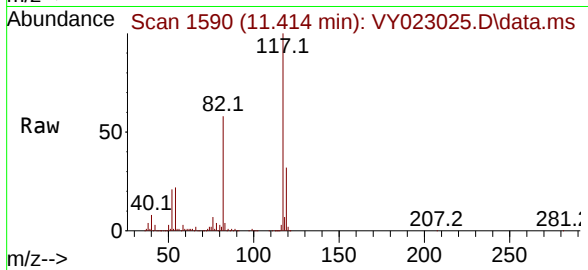




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023025.D
Acq: 21 Jul 2025 14:36

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

Tgt Ion:117 Resp: 552632
Ion Ratio Lower Upper
117 100
82 57.9 44.3 66.5
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023025.D
Acq: 21 Jul 2025 14:36

Tgt Ion:152 Resp: 259290
Ion Ratio Lower Upper
152 100
115 56.5 29.4 88.2
150 155.2 0.0 350.0

