

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
 Data File : VY023825.D
 Acq On : 26 Nov 2025 14:31
 Operator : SY/MD
 Sample : Q3725-04
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-SAMPLES

Quant Time: Nov 27 01:22:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	711387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1273779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	920727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	270468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	393390	56.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.634	113	404010	53.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.080%
50) Toluene-d8	10.109	98	1449882	48.375	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.401	95	330728	33.537	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.080%

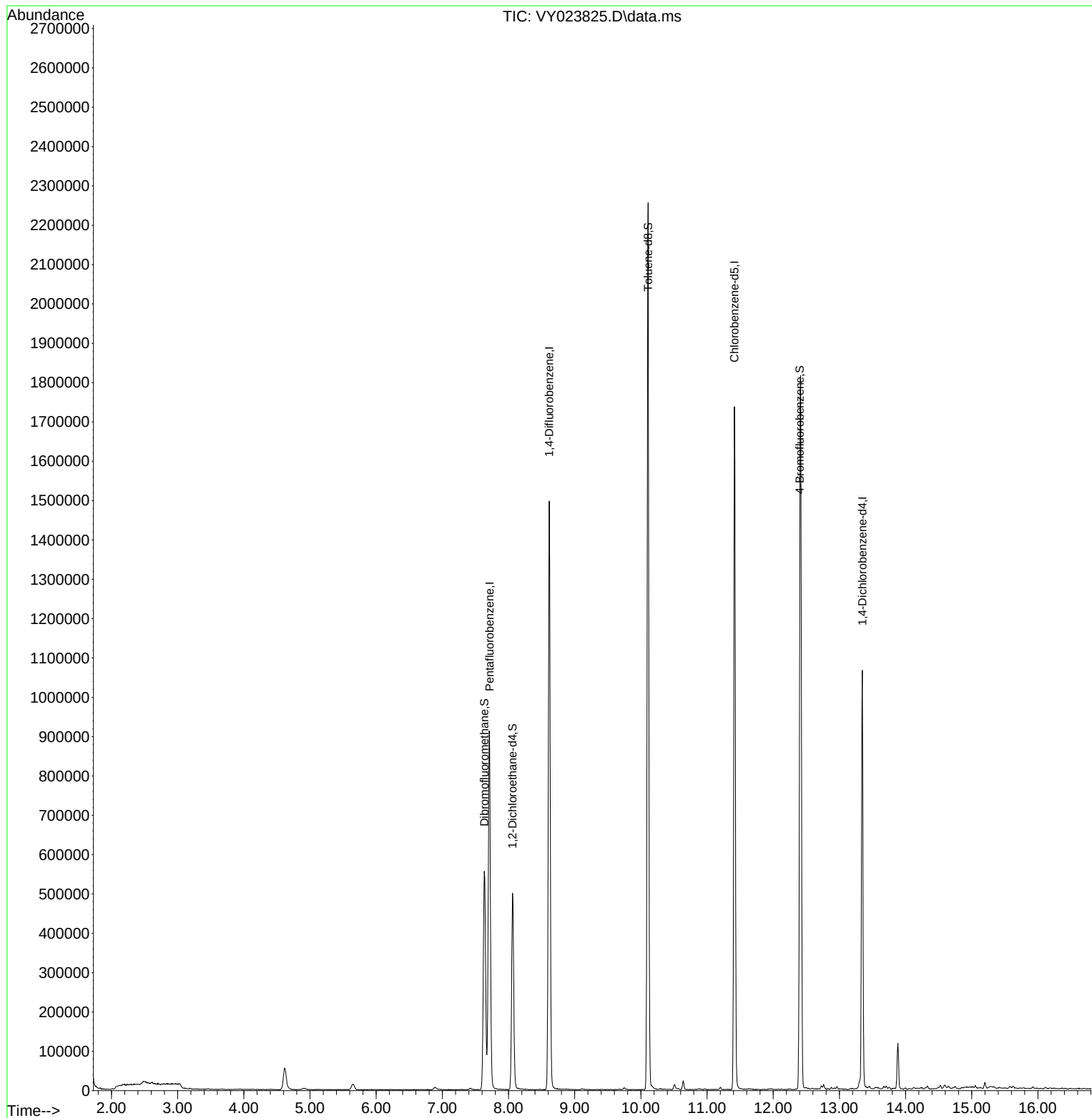
Target Compounds	Qvalue

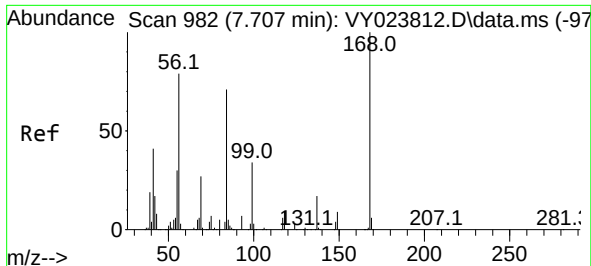
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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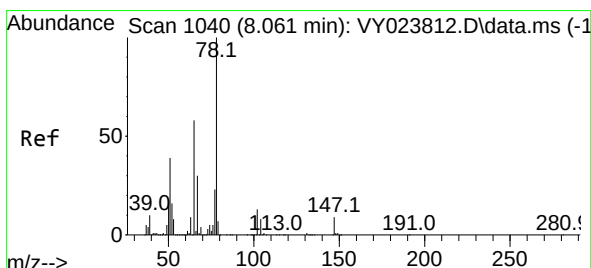
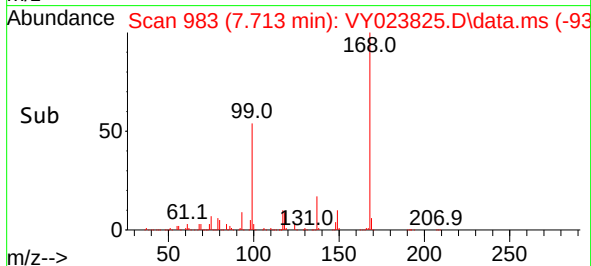
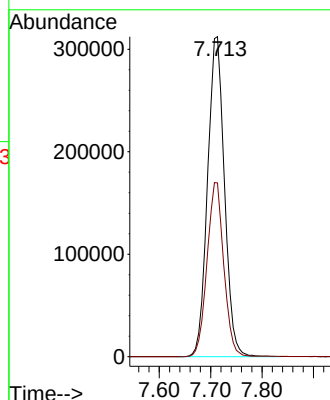
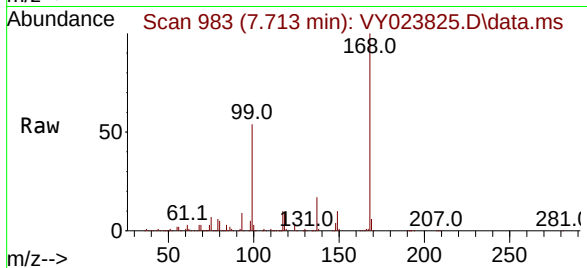




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

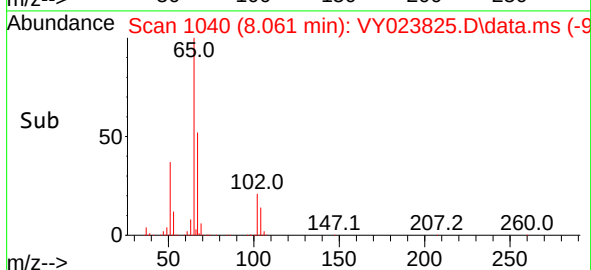
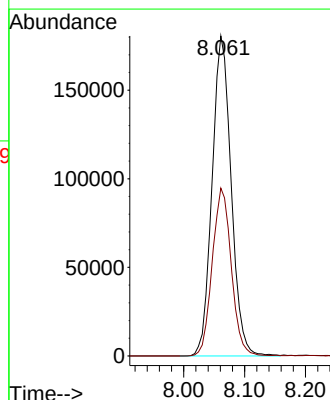
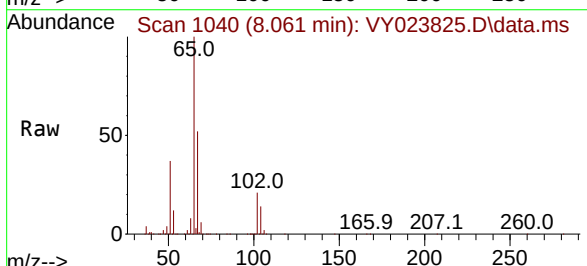
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-SAMPLES

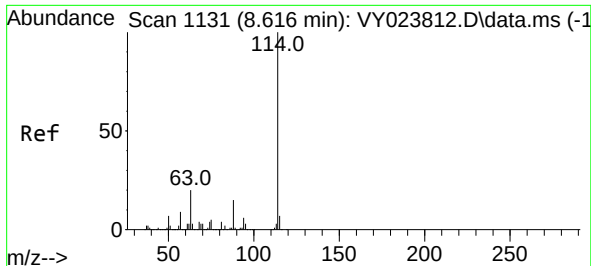
Tgt Ion:168 Resp: 711387
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 56.784 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Tgt Ion: 65 Resp: 393390
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

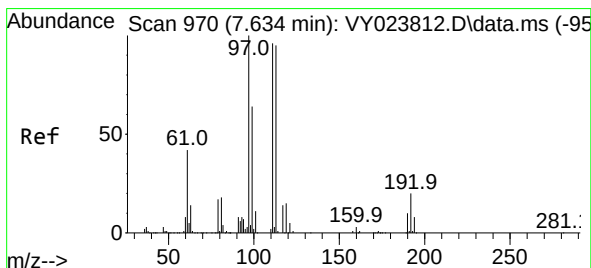
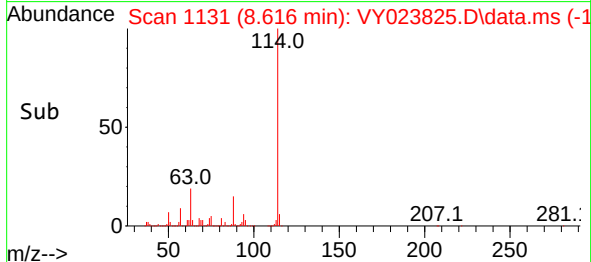
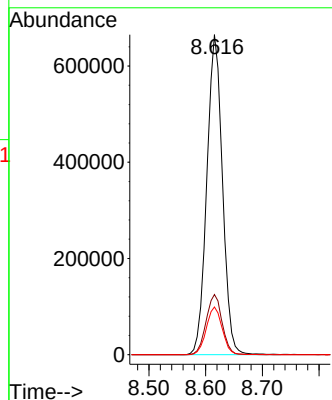
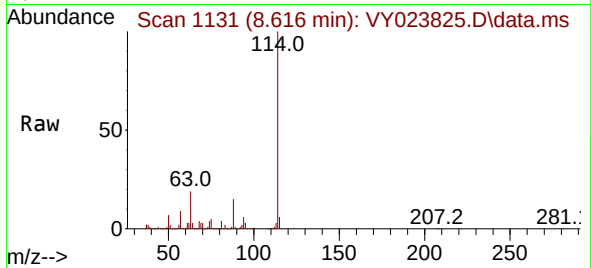




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

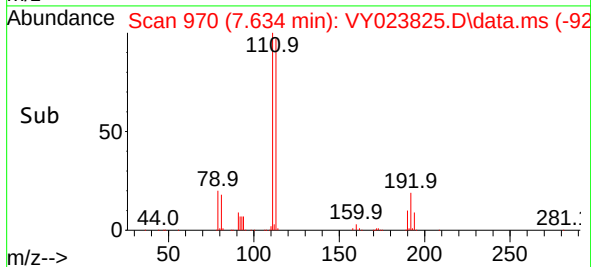
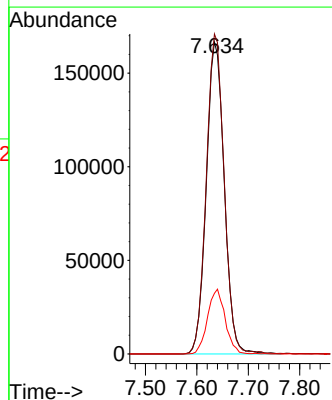
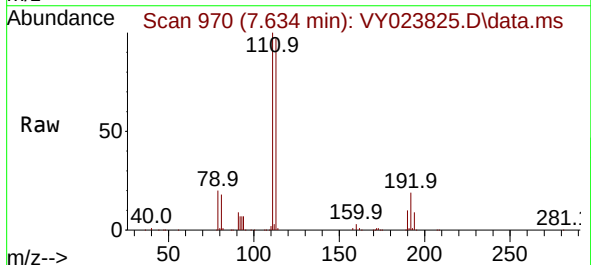
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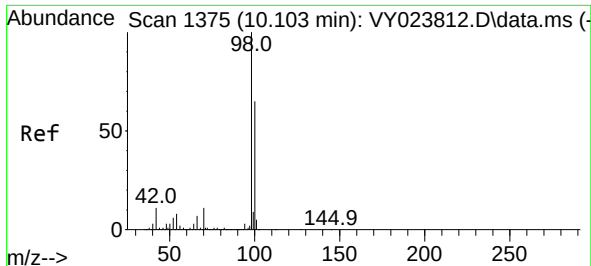
Tgt Ion:114 Resp: 1273779
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.4
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.542 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Tgt Ion:113 Resp: 404010
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 20.4 15.8 23.8

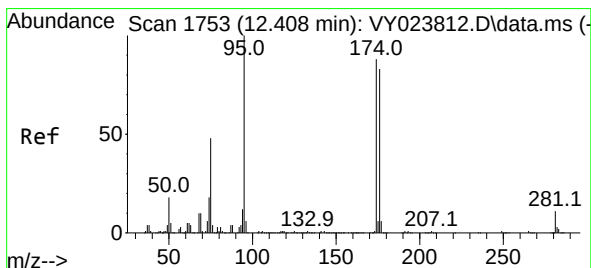
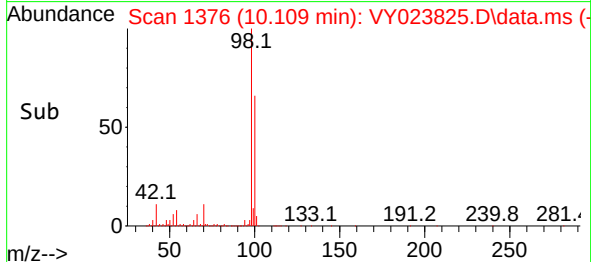
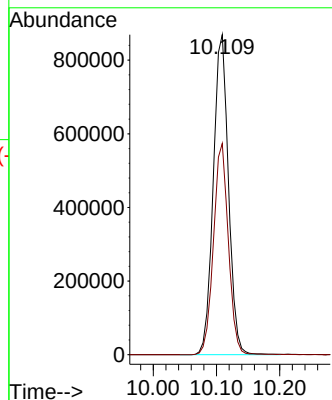
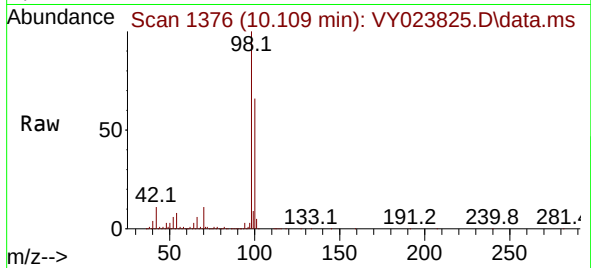




#50
Toluene-d8
Concen: 48.375 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

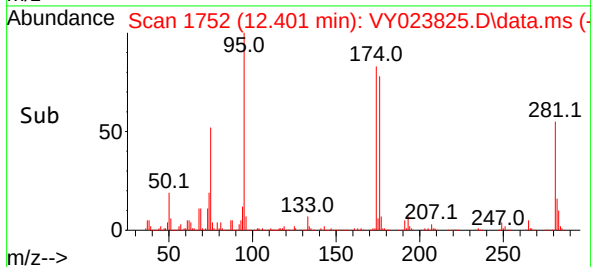
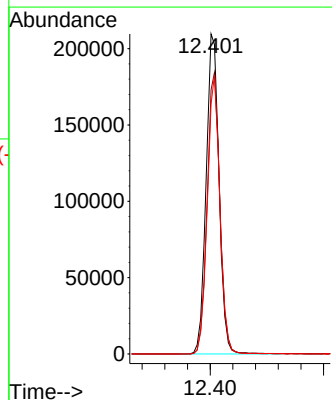
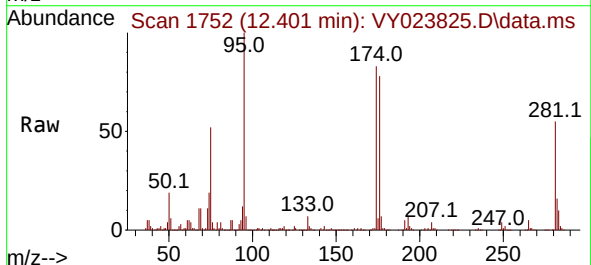
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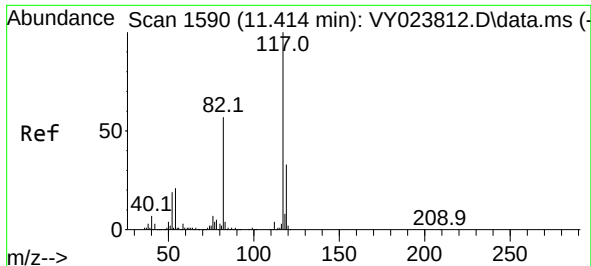
Tgt Ion: 98 Resp: 1449882
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 33.537 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Tgt Ion: 95 Resp: 330728
Ion Ratio Lower Upper
95 100
174 87.0 0.0 168.6
176 84.3 0.0 164.6

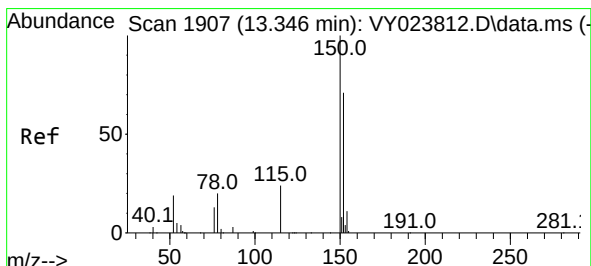
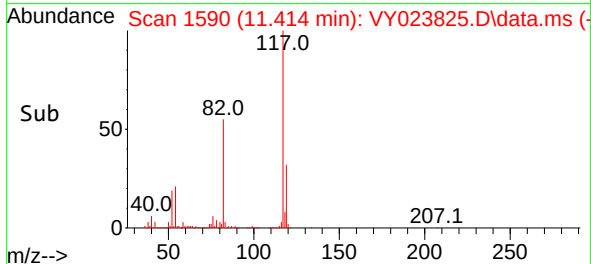
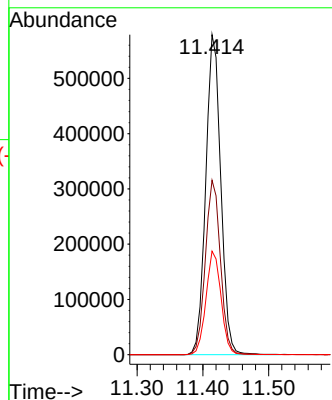
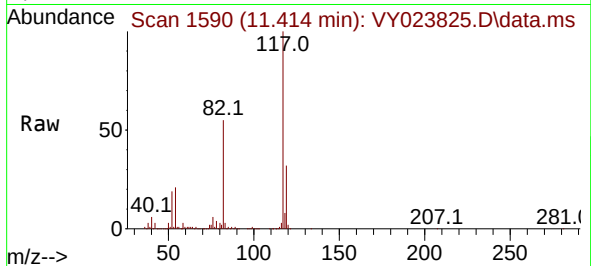




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-SAMPLES

Tgt Ion:117 Resp: 920727
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Tgt Ion:152 Resp: 270468
Ion Ratio Lower Upper
152 100
115 58.3 28.7 86.3
150 157.5 0.0 345.6

