

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031876.D
 Acq On : 16 Jul 2025 15:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jul 17 04:05:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

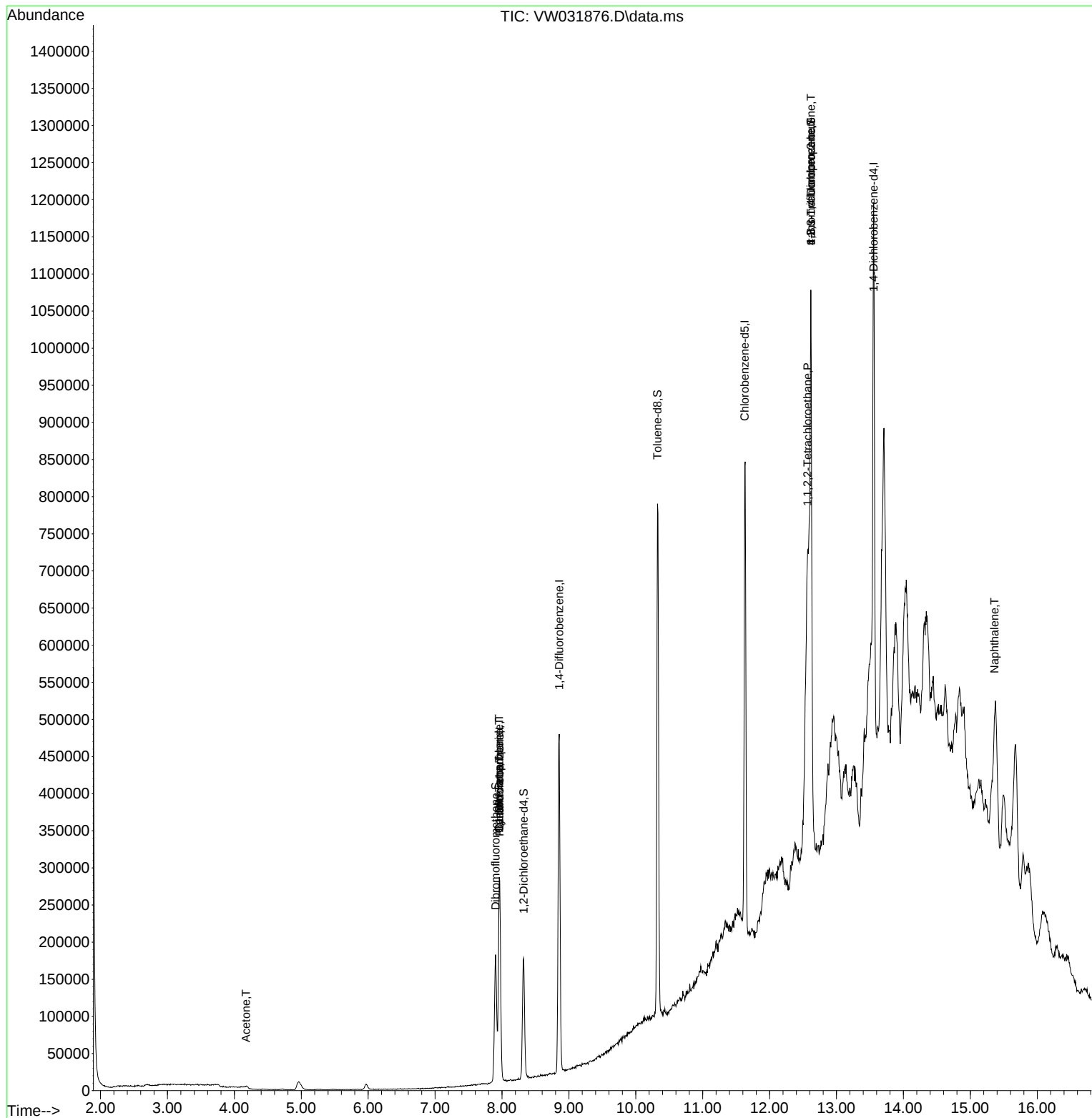
Internal Standards						
1) Pentafluorobenzene	7.965	168	189892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	387387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	348662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	139291	51.113	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 102.220%		
35) Dibromofluoromethane	7.904	113	124149	49.112	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 98.220%		
50) Toluene-d8	10.325	98	477127	50.719	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 101.440%		
62) 4-Bromofluorobenzene	12.617	95	244386	70.594	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 141.180%		
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	2412	3.581	ug/l	95
20) Methylene Chloride	4.960	84	11536	Below Cal		96
31) Cyclohexane	7.959	56	5865	1.512	ug/l #	8
36) 1,1-Dichloropropene	7.959	75	17524	4.791	ug/l #	53
38) Carbon Tetrachloride	7.959	117	22802	6.117	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.568	83	145057	47.108	ug/l #	27
76) 1,2,3-Trichloropropane	12.617	75	96384	40.904	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	96384	95.272	ug/l #	8
95) Naphthalene	15.360	128	28896	3.371	ug/l #	83

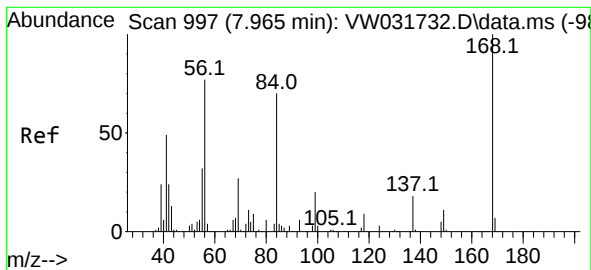
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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VIBLK

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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

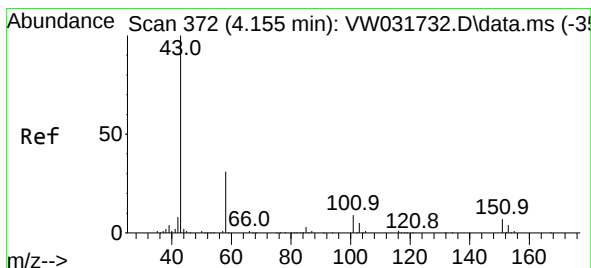
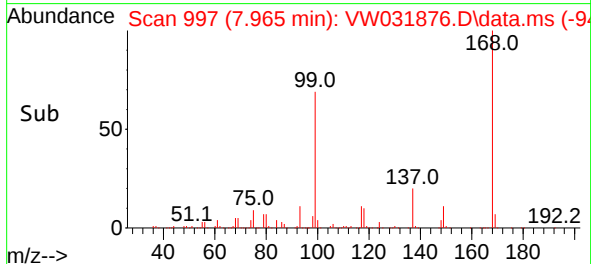
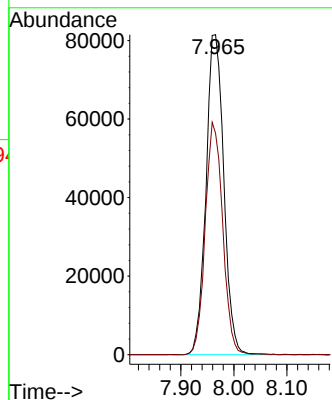
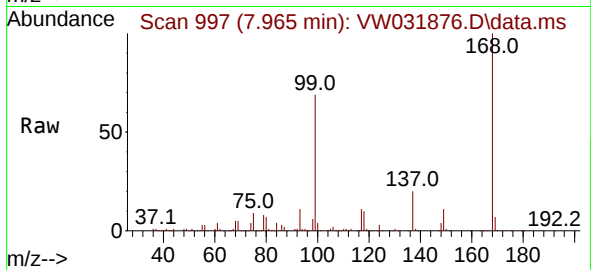




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

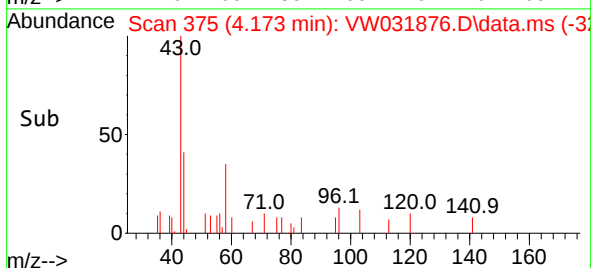
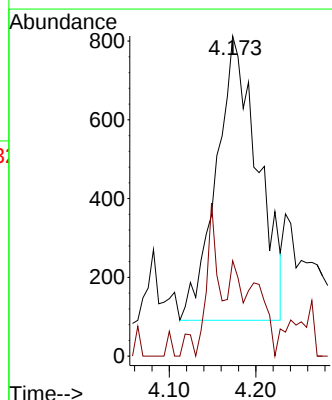
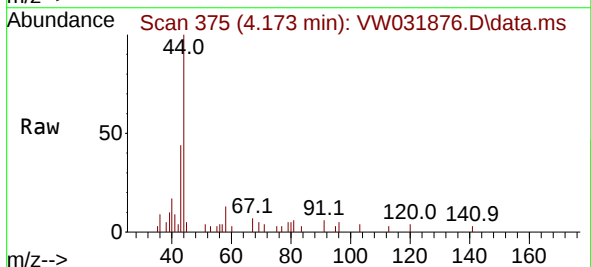
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

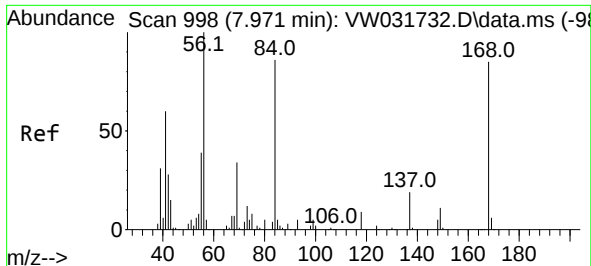
Tgt Ion:168 Resp: 189892
Ion Ratio Lower Upper
168 100
99 69.2 49.4 74.2



#16
Acetone
Concen: 3.581 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.019 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
58 33.5 24.8 37.2

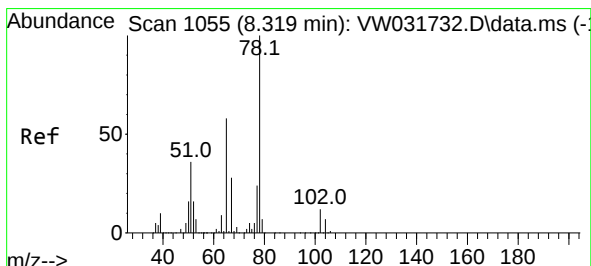
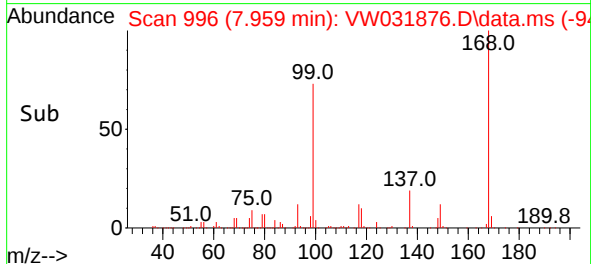
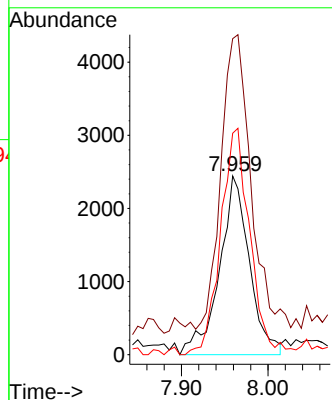
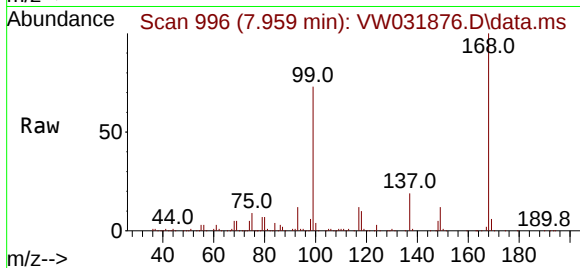




#31
Cyclohexane
Concen: 1.512 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

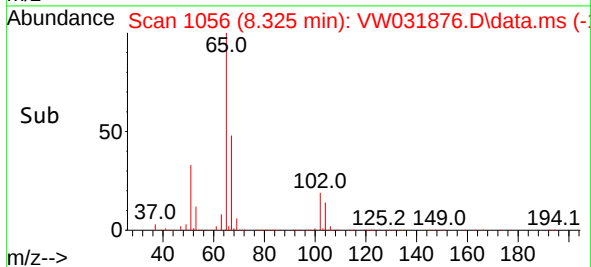
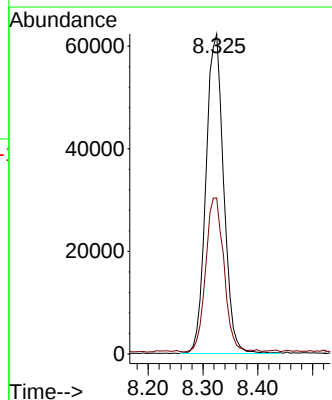
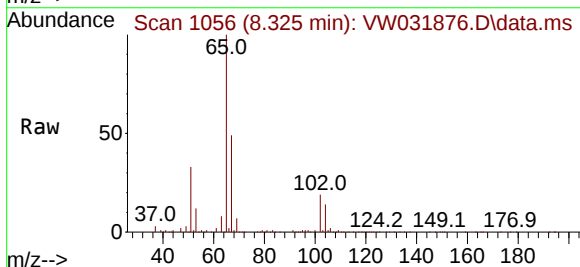
Instrument :
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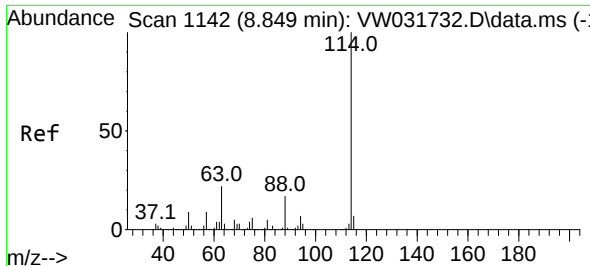
Tgt Ion: 56 Resp: 5865
Ion Ratio Lower Upper
56 100
69 159.1 27.2 40.8#
84 123.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 51.113 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

Tgt Ion: 65 Resp: 139291
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4

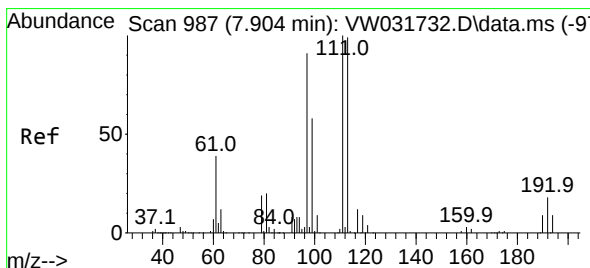
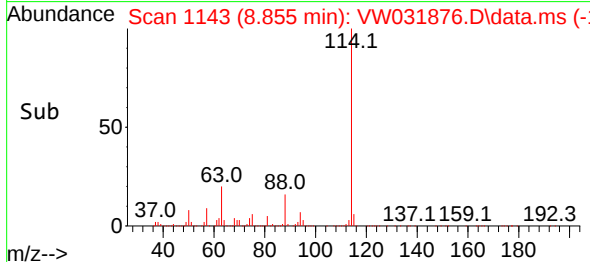
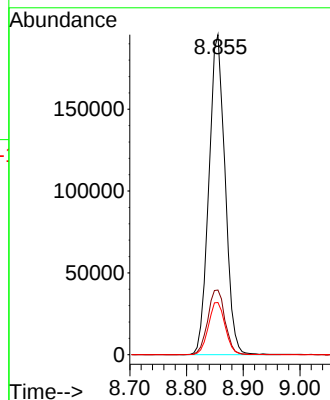
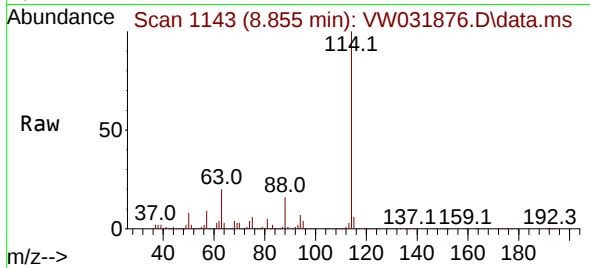




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031876.D
 Acq: 16 Jul 2025 15:38

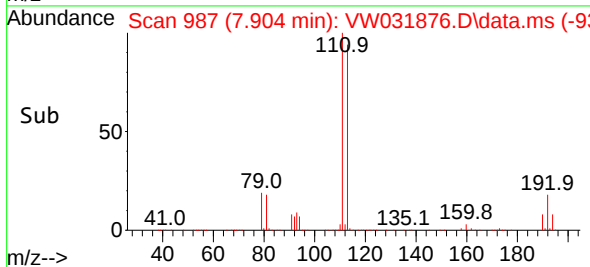
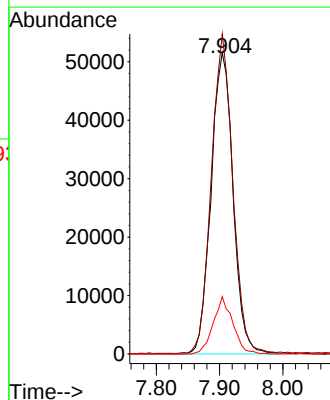
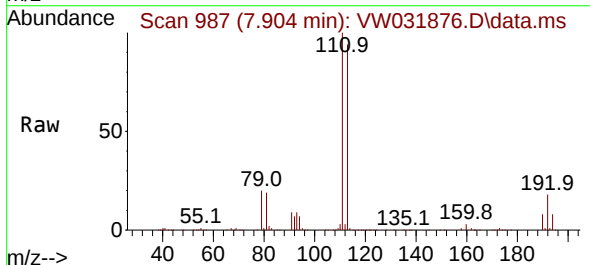
Instrument :
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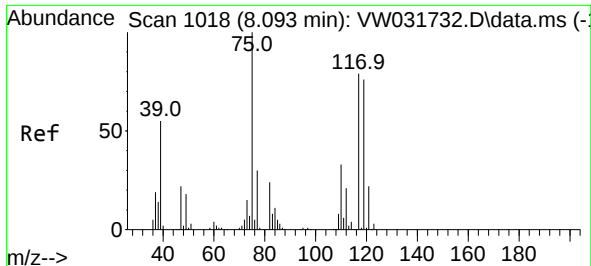
Tgt Ion:114 Resp: 387387
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.6
 88 16.3 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 49.112 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031876.D
 Acq: 16 Jul 2025 15:38

Tgt Ion:113 Resp: 124149
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.1 123.1
 192 16.9 13.8 20.6

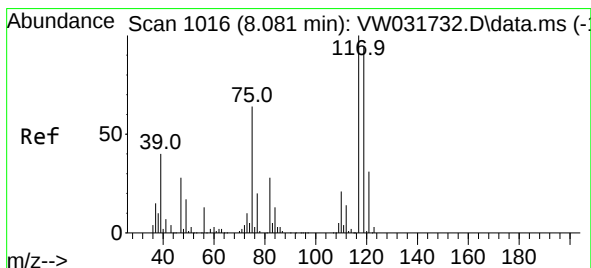
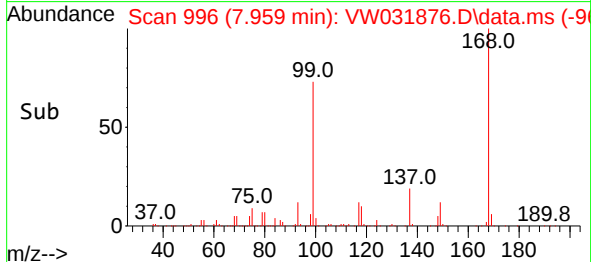
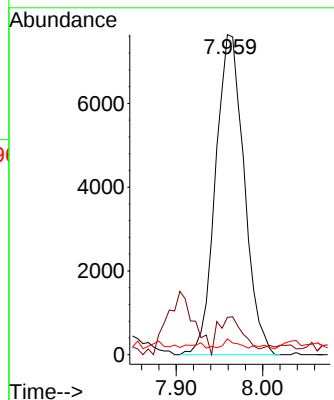
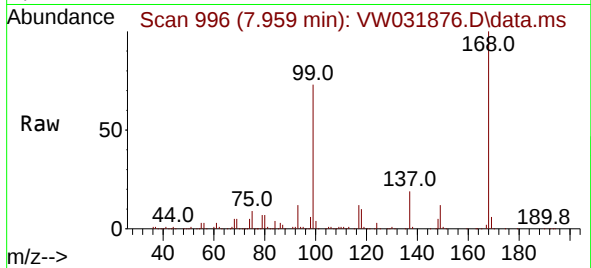




#36
 1,1-Dichloropropene
 Concen: 4.791 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031876.D
 Acq: 16 Jul 2025 15:38

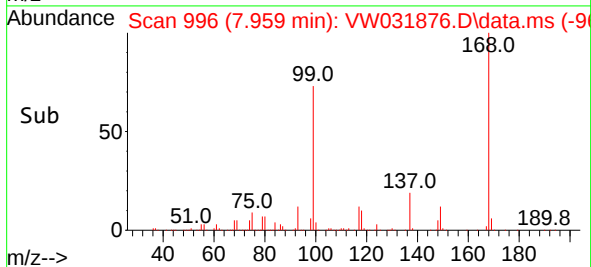
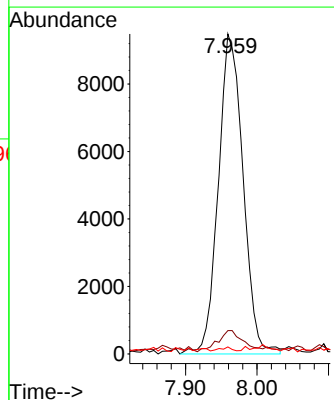
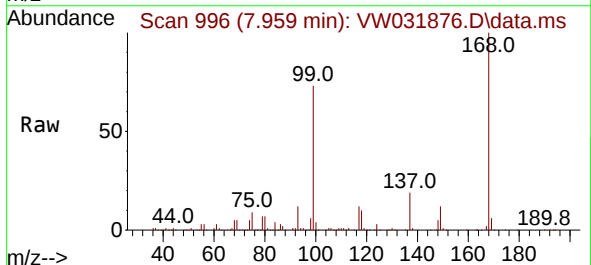
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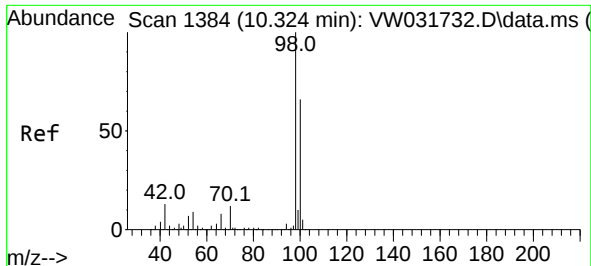
Tgt Ion: 75 Resp: 17524
 Ion Ratio Lower Upper
 75 100
 110 10.6 16.8 50.4#
 77 1.2 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.117 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.122 min
 Lab File: VW031876.D
 Acq: 16 Jul 2025 15:38

Tgt Ion: 117 Resp: 22802
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.0 112.6#
 121 1.3 24.6 37.0#

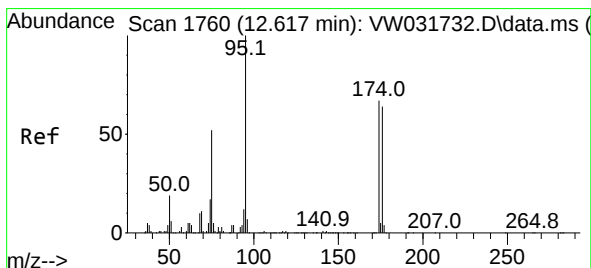
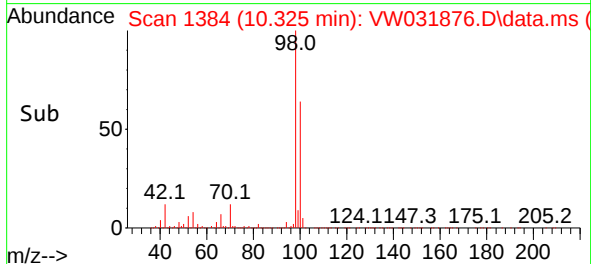
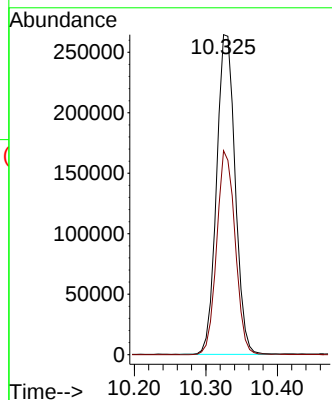
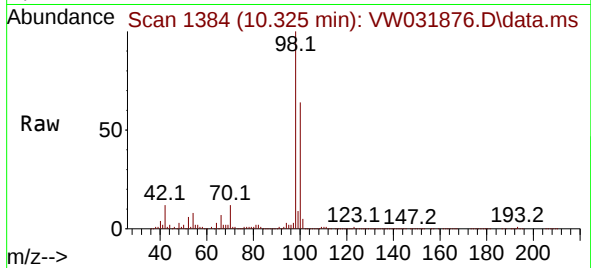




#50
Toluene-d8
Concen: 50.719 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

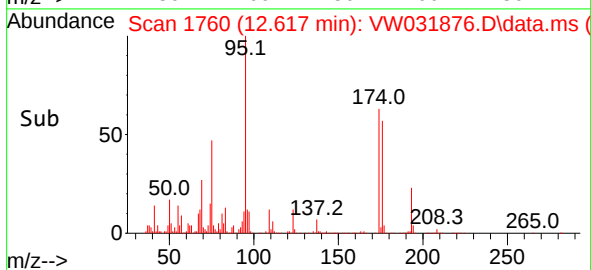
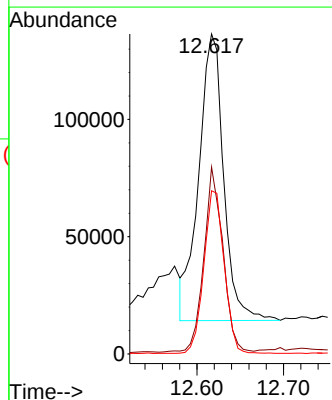
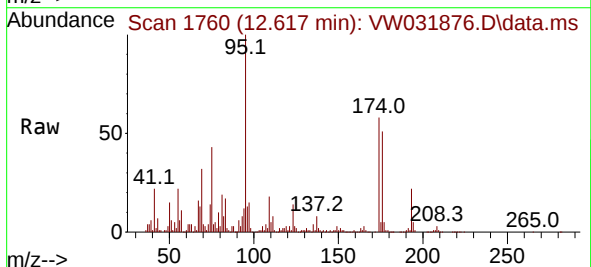
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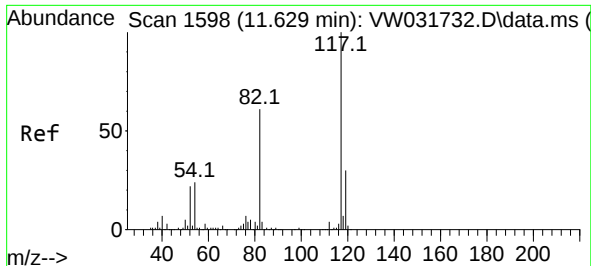
Tgt Ion: 98 Resp: 477127
Ion Ratio Lower Upper
98 100
100 63.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 70.594 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

Tgt Ion: 95 Resp: 244386
Ion Ratio Lower Upper
95 100
174 49.3 0.0 133.8
176 46.3 0.0 126.0

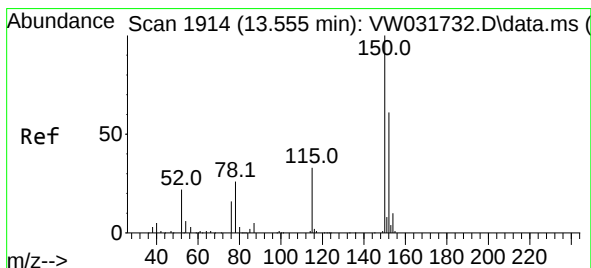
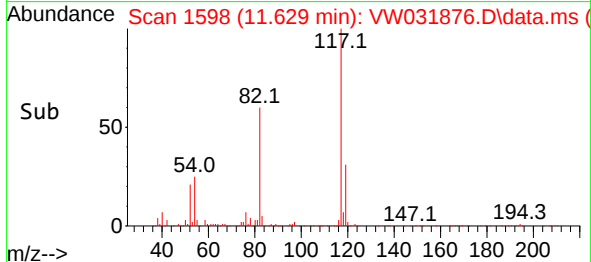
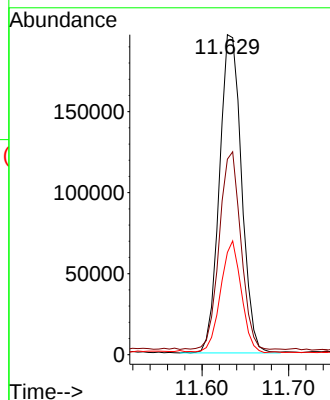
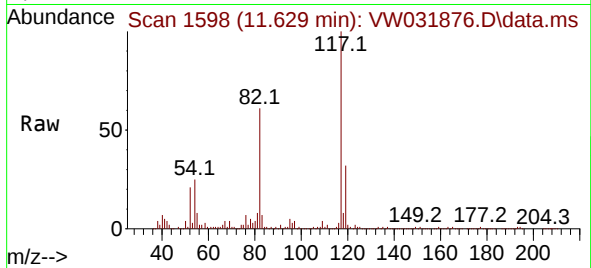




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

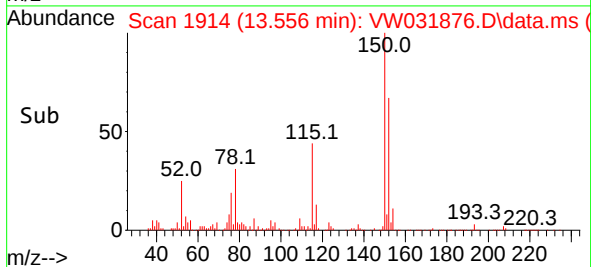
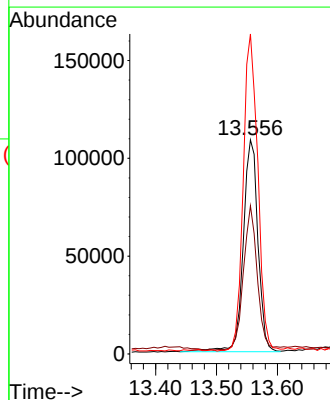
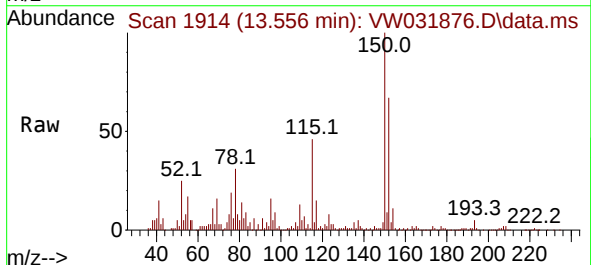
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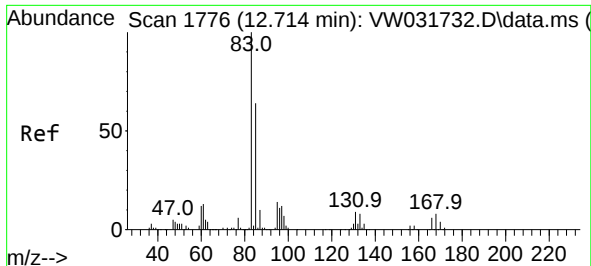
Tgt Ion:117 Resp: 348662
Ion Ratio Lower Upper
117 100
82 59.8 48.6 72.8
119 31.4 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

Tgt Ion:152 Resp: 182340
Ion Ratio Lower Upper
152 100
115 64.1 31.9 95.7
150 147.4 0.0 356.4

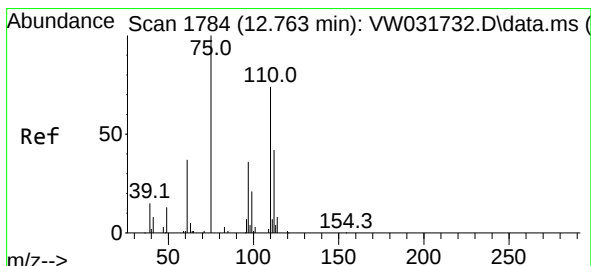
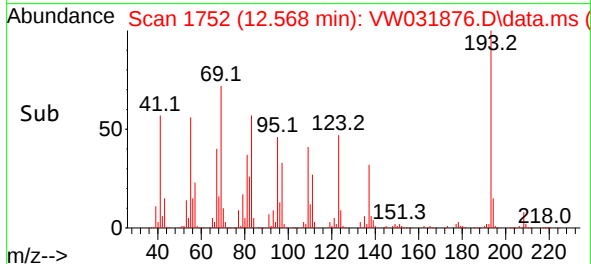
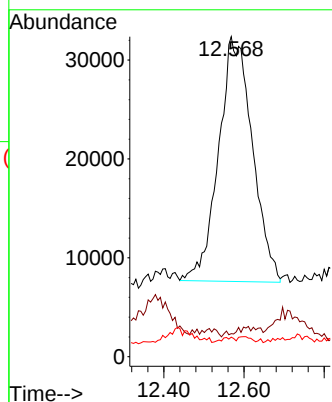
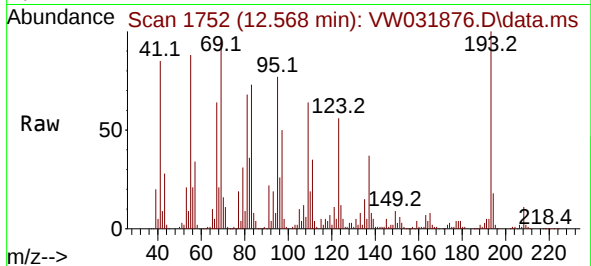




#75
1,1,2,2-Tetrachloroethane
Concen: 47.108 ug/l
RT: 12.568 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

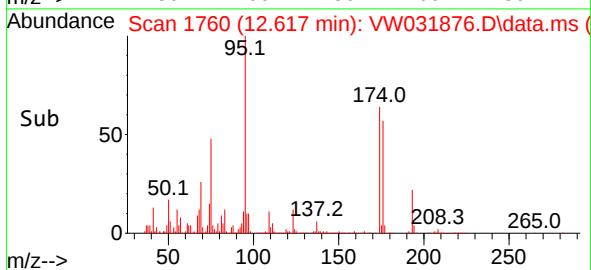
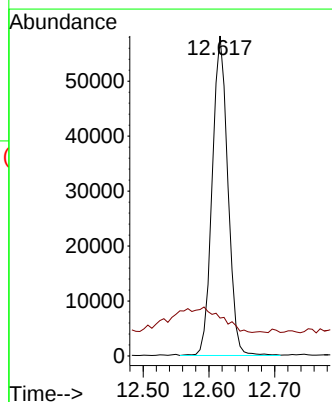
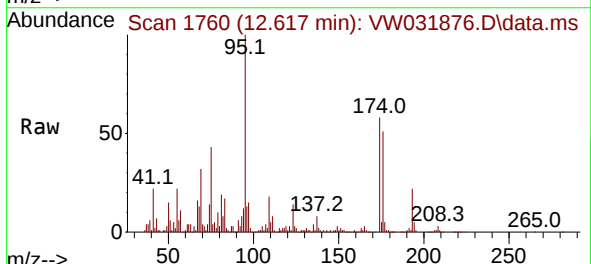
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

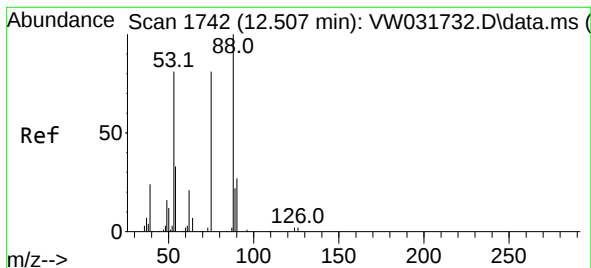
Tgt Ion: 83 Resp: 145057
Ion Ratio Lower Upper
83 100
131 0.4 5.3 16.1#
85 0.6 32.0 96.2#



#76
1,2,3-Trichloropropane
Concen: 40.904 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

Tgt Ion: 75 Resp: 96384
Ion Ratio Lower Upper
75 100
77 0.0 141.2 423.6#

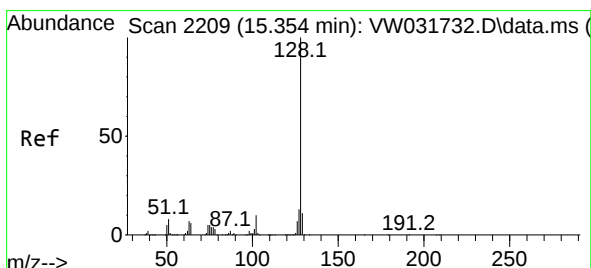
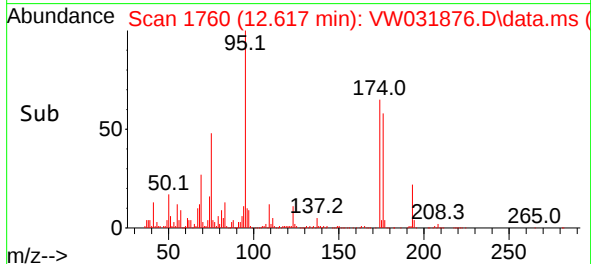
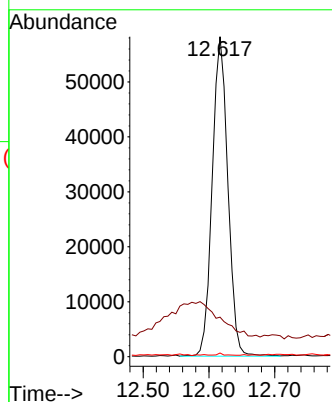
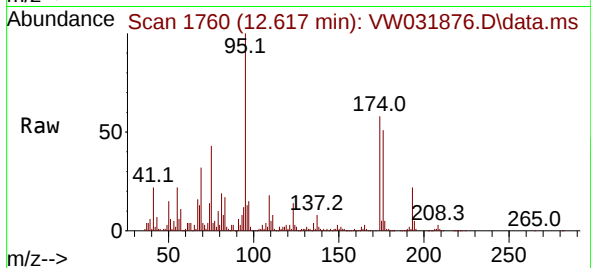




#81
trans-1,4-Dichloro-2-butene
Concen: 95.272 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 96384
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.3 38.3 57.5#



#95
Naphthalene
Concen: 3.371 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031876.D
Acq: 16 Jul 2025 15:38

Tgt Ion:128 Resp: 28896
Ion Ratio Lower Upper
128 100
127 15.9 10.8 16.2
129 22.4 8.7 13.1#

