

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031808.D
 Acq On : 10 Jul 2025 17:04
 Operator : SY/MD
 Sample : Q2551-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-204

Quant Time: Jul 11 02:23:57 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)

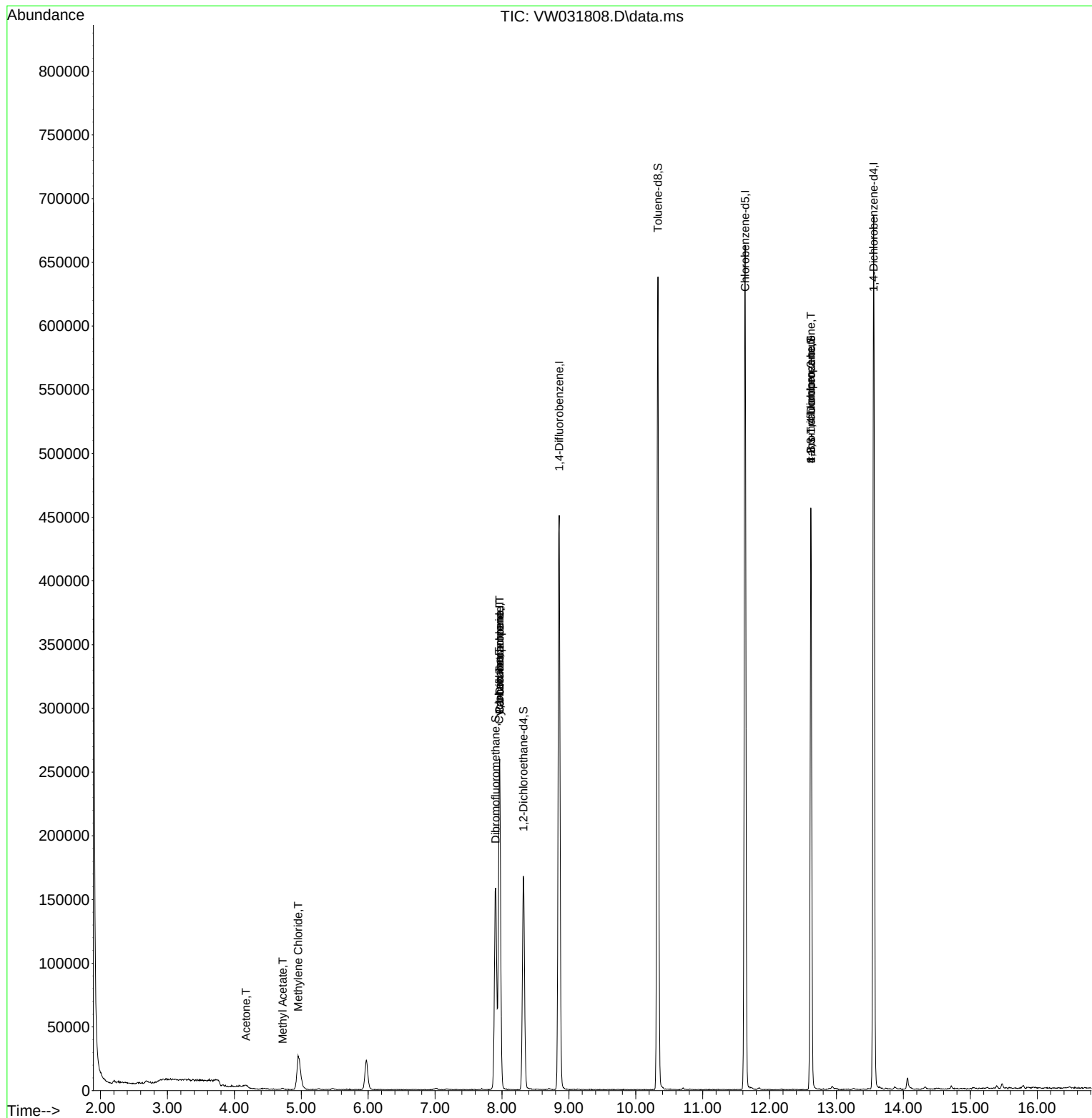
Internal Standards						
1) Pentafluorobenzene	7.965	168	181265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	378090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	359421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141882	54.542	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 109.080%		
35) Dibromofluoromethane	7.904	113	119618	48.483	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 96.960%		
50) Toluene-d8	10.331	98	423310	46.105	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 92.200%		
62) 4-Bromofluorobenzene	12.617	95	158037	46.773	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 93.540%		
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	1691	2.630	ug/l	90
18) Methyl Acetate	4.722	43	1873	1.019	ug/l #	76
20) Methylene Chloride	4.954	84	24311	5.483	ug/l	92
31) Cyclohexane	7.959	56	4474	1.208	ug/l #	1
36) 1,1-Dichloropropene	7.965	75	16719	4.683	ug/l #	50
38) Carbon Tetrachloride	7.965	117	20194	5.551	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	82937	37.881	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	82937	88.230	ug/l #	8

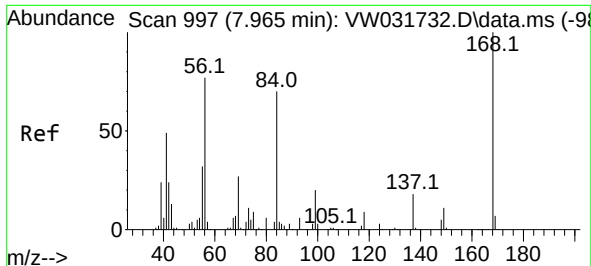
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
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Quant Title : SW846 8260
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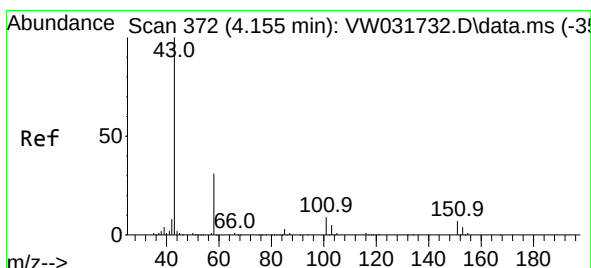
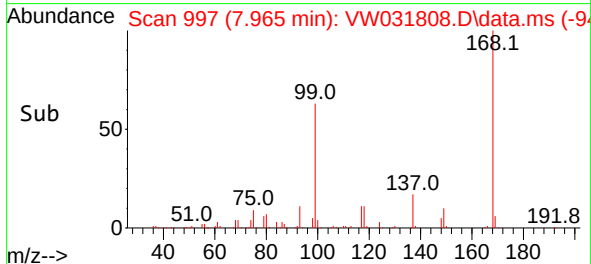
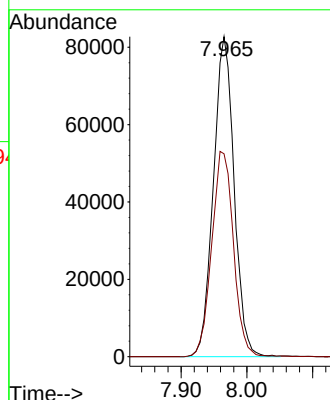
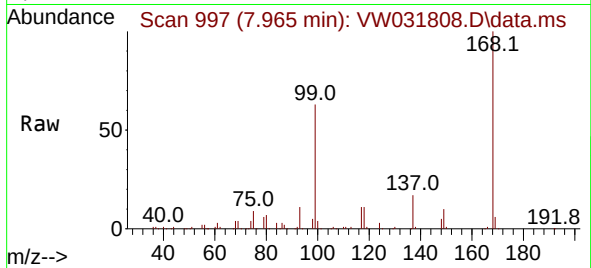




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

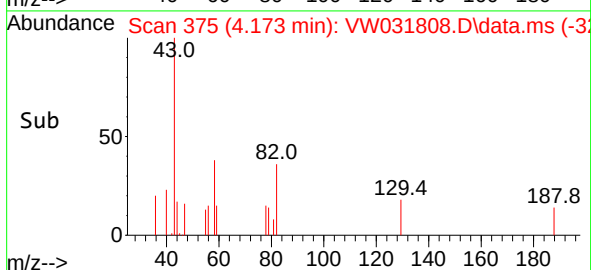
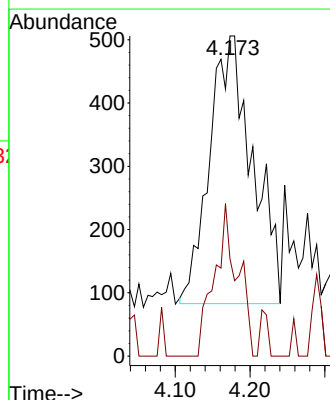
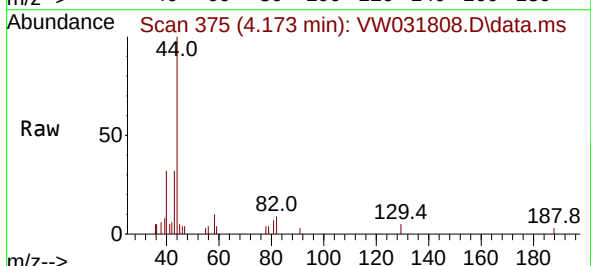
Instrument :
MSVOA_W
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VNJ-204

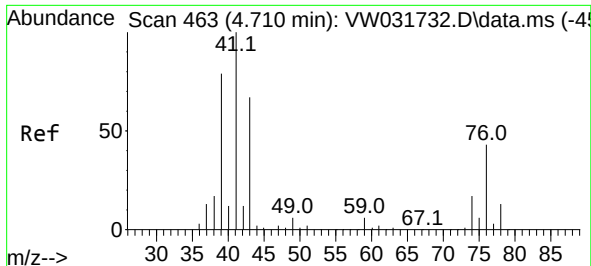
Tgt Ion:168 Resp: 181265
Ion Ratio Lower Upper
168 100
99 63.4 49.4 74.2



#16
Acetone
Concen: 2.630 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.018 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 36.4 24.8 37.2

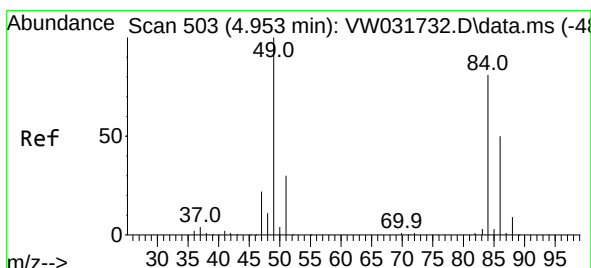
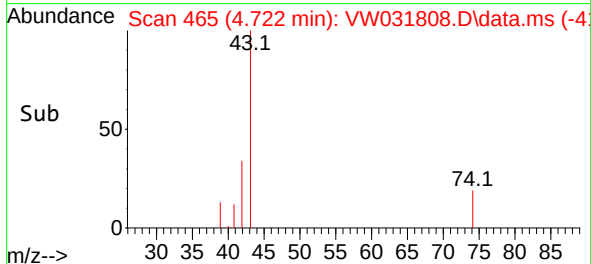
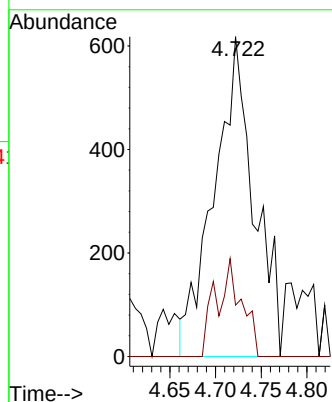
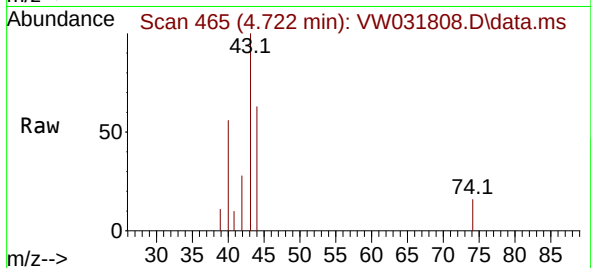




#18
Methyl Acetate
Concen: 1.019 ug/l
RT: 4.722 min Scan# 4
Delta R.T. 0.012 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

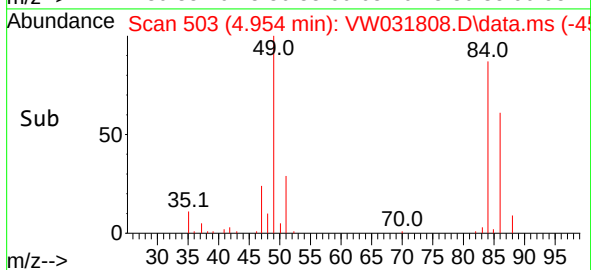
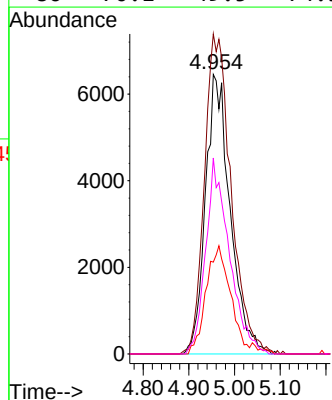
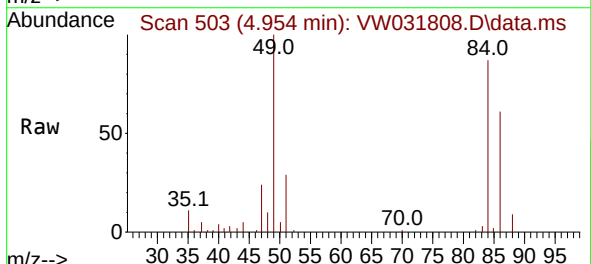
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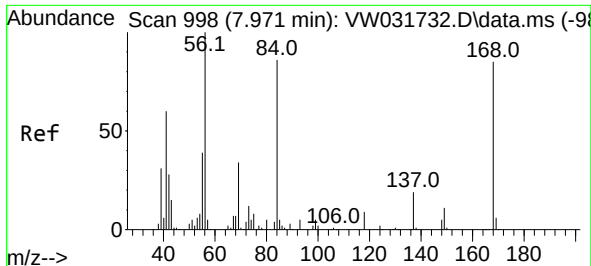
Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
74 13.3 20.6 30.8#



#20
Methylene Chloride
Concen: 5.483 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Tgt Ion: 84 Resp: 24311
Ion Ratio Lower Upper
84 100
49 114.5 98.2 147.4
51 32.9 29.8 44.8
86 70.1 49.5 74.3

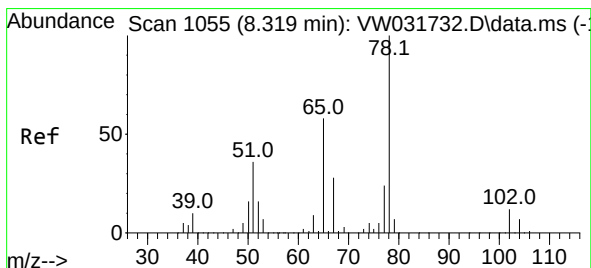
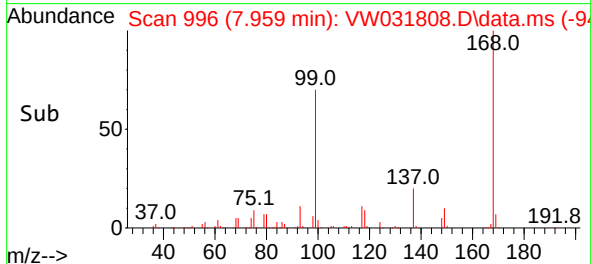
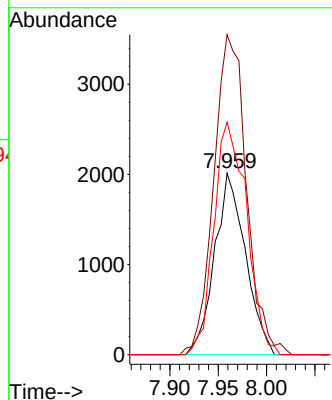
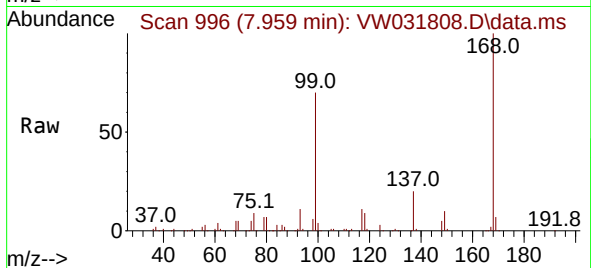




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.959 min Scan# 998
Delta R.T. -0.012 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

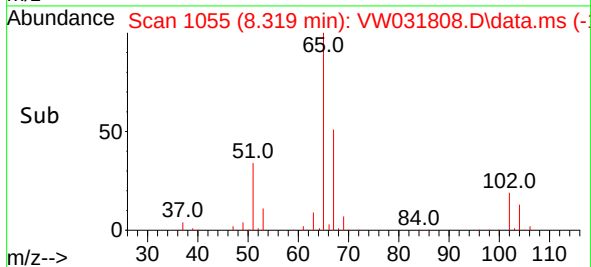
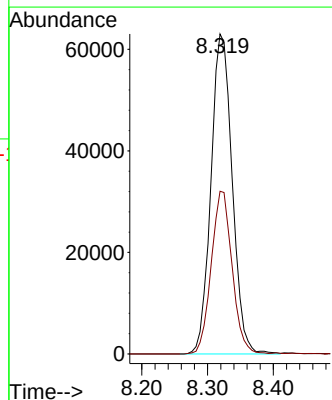
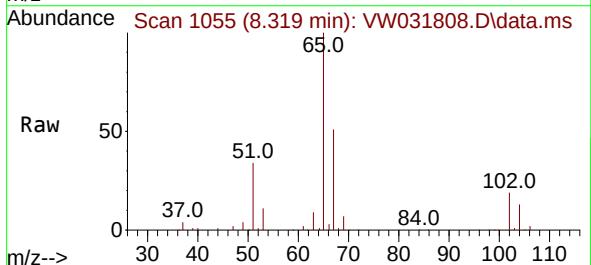
Instrument :
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VNJ-204

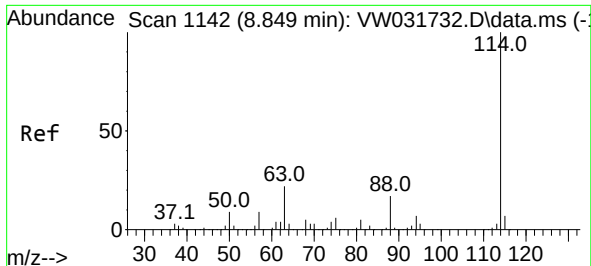
Tgt Ion: 56 Resp: 4474
Ion Ratio Lower Upper
56 100
69 176.3 27.2 40.8#
84 128.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 54.542 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Tgt Ion: 65 Resp: 141882
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.4

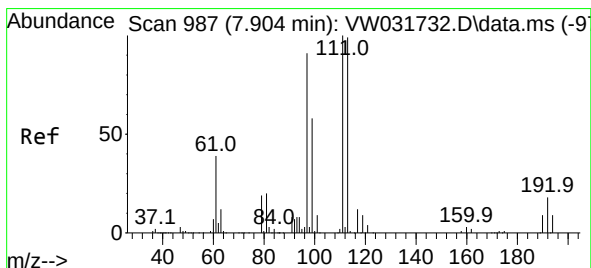
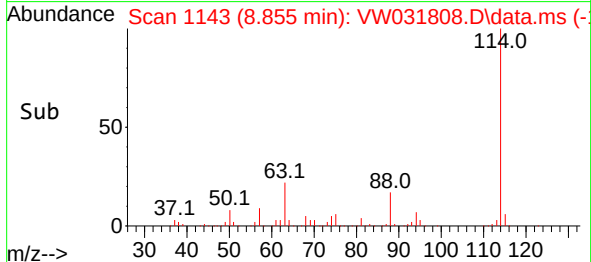
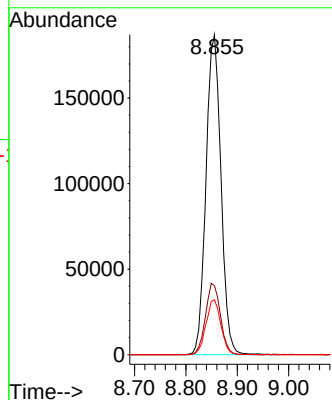
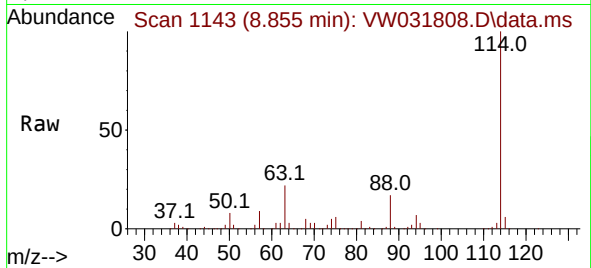




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

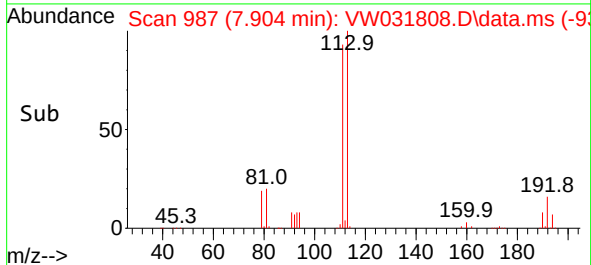
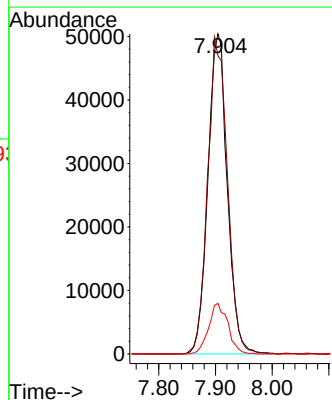
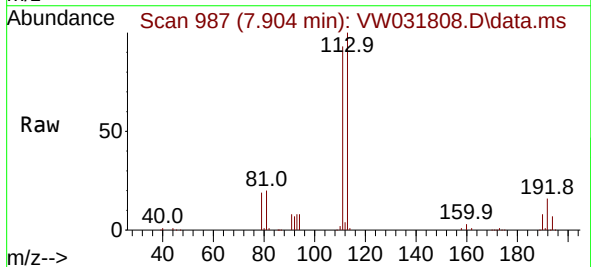
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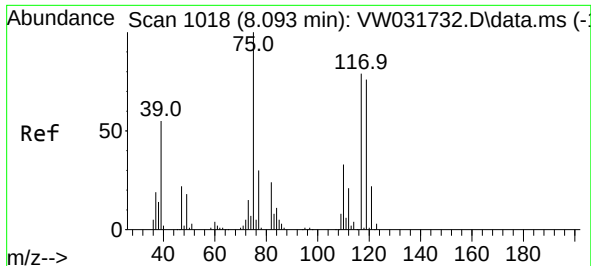
Tgt Ion:114 Resp: 378090
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 17.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.483 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Tgt Ion:113 Resp: 119618
Ion Ratio Lower Upper
113 100
111 101.1 82.1 123.1
192 15.7 13.8 20.6

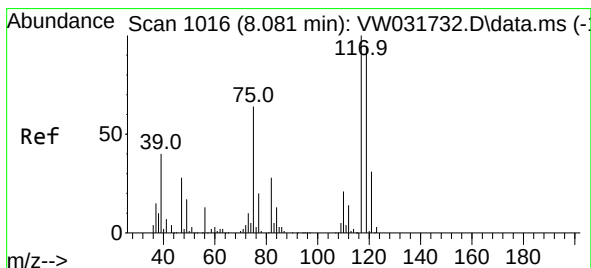
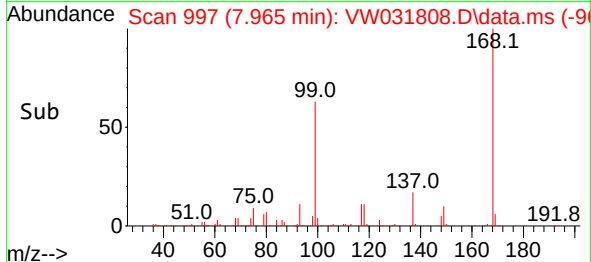
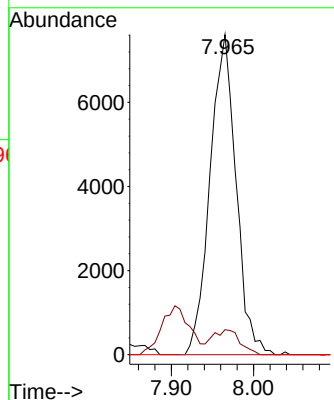
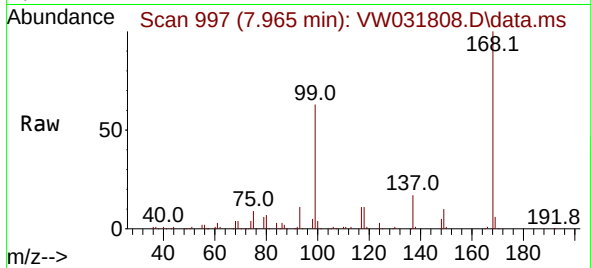




#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.128 min
 Lab File: VW031808.D
 Acq: 10 Jul 2025 17:04

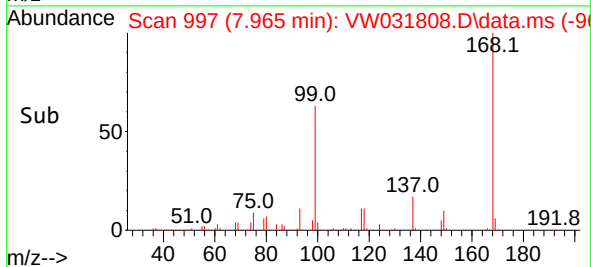
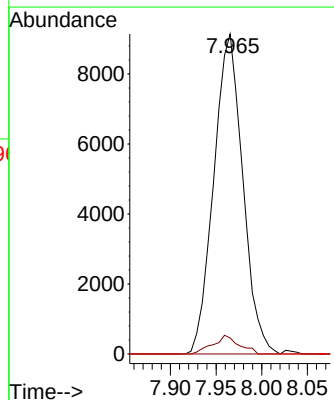
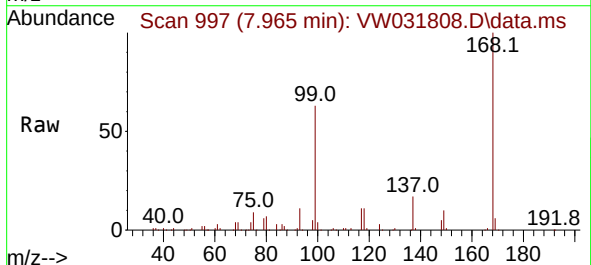
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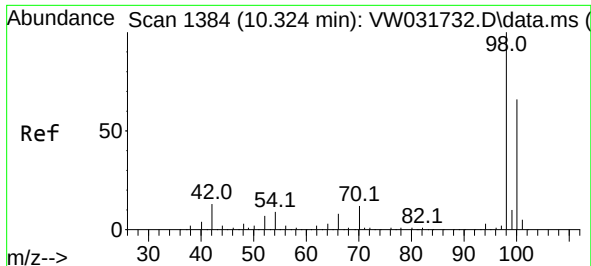
Tgt Ion: 75 Resp: 16719
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.551 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.116 min
 Lab File: VW031808.D
 Acq: 10 Jul 2025 17:04

Tgt Ion: 117 Resp: 20194
 Ion Ratio Lower Upper
 117 100
 119 5.0 75.0 112.6#
 121 0.0 24.6 37.0#

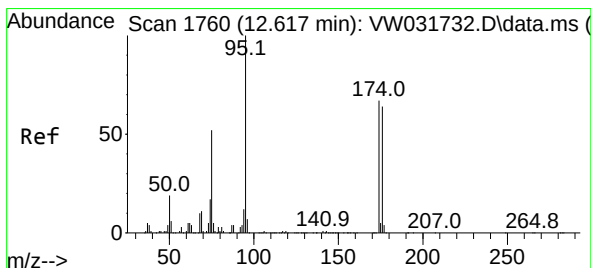
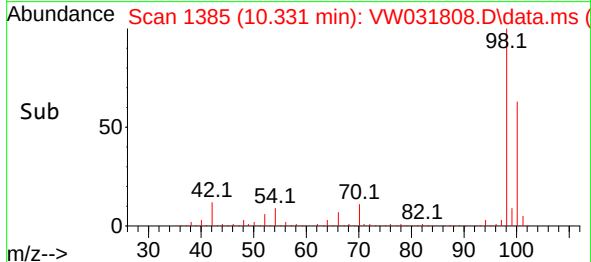
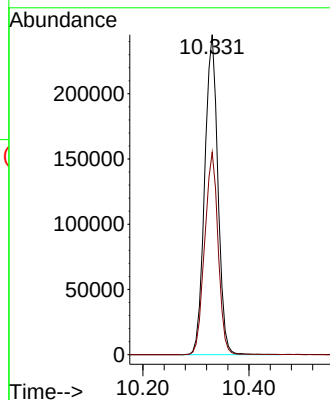
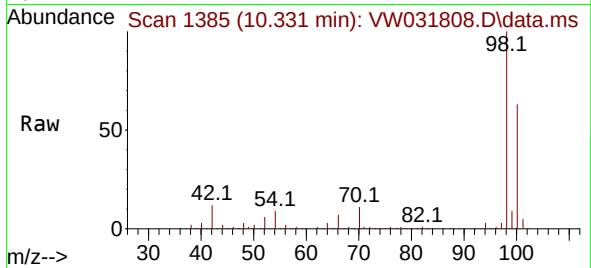




#50
Toluene-d8
Concen: 46.105 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

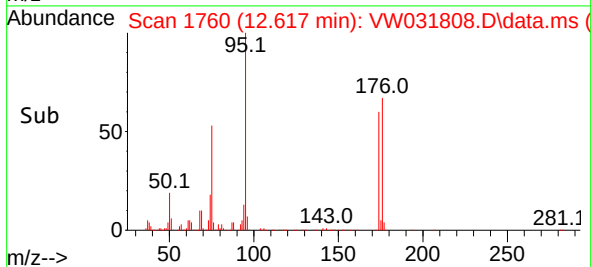
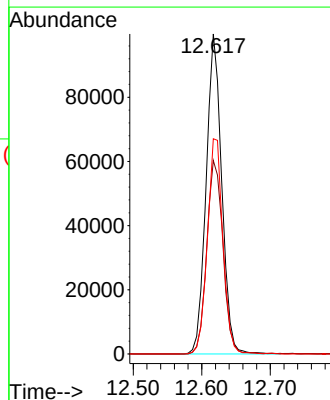
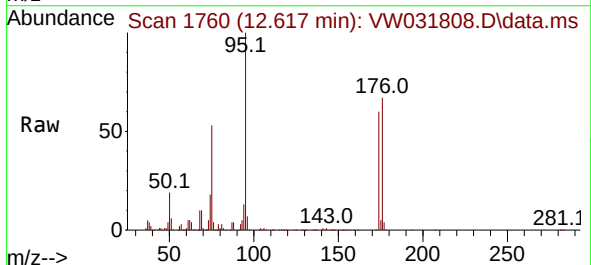
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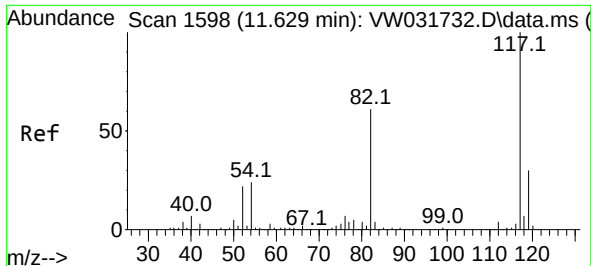
Tgt Ion: 98 Resp: 423310
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 46.773 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Tgt Ion: 95 Resp: 158037
Ion Ratio Lower Upper
95 100
174 62.9 0.0 133.8
176 67.0 0.0 126.0

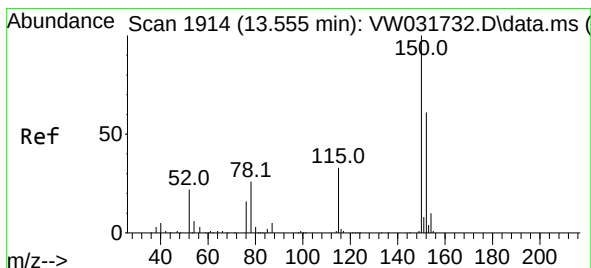
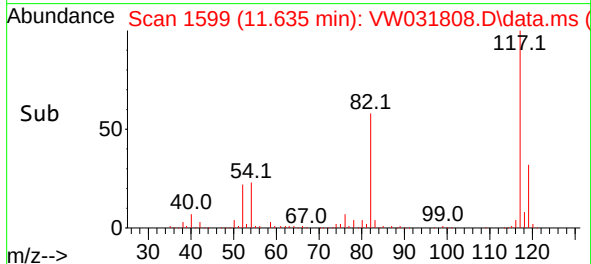
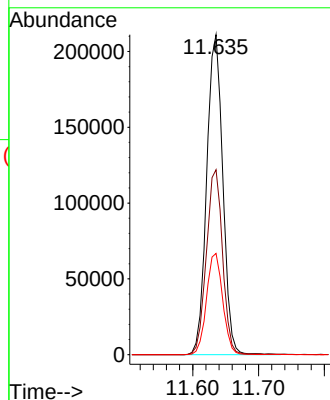
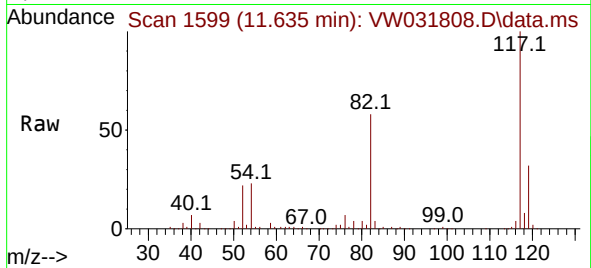




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

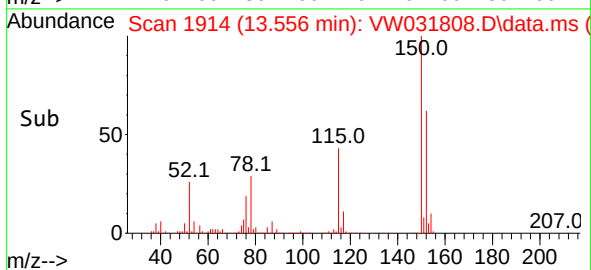
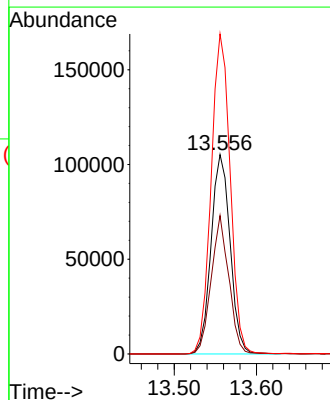
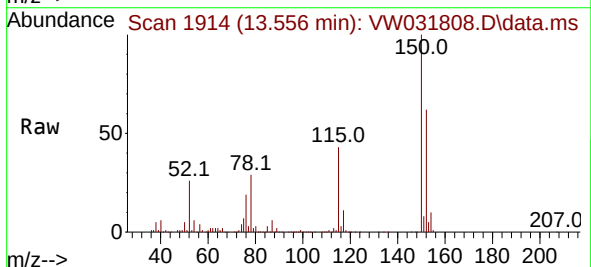
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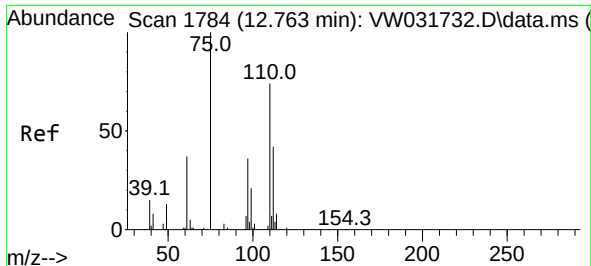
Tgt Ion:117 Resp: 359421
Ion Ratio Lower Upper
117 100
82 57.8 48.6 72.8
119 31.7 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Tgt Ion:152 Resp: 169424
Ion Ratio Lower Upper
152 100
115 64.5 31.9 95.7
150 160.0 0.0 356.4

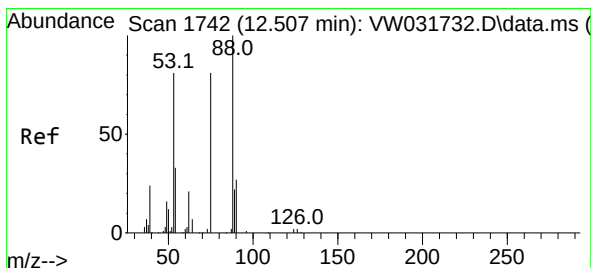
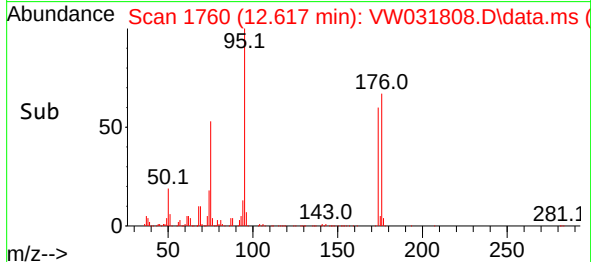
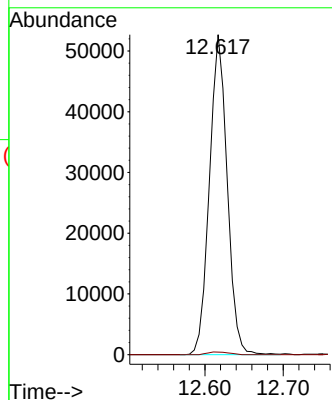
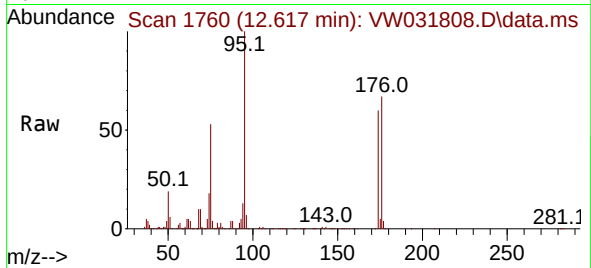




#76
1,2,3-Trichloropropane
Concen: 37.881 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Instrument :
MSVOA_W
ClientSampleId :
VNJ-204

Tgt Ion: 75 Resp: 82937
Ion Ratio Lower Upper
75 100
77 1.0 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.230 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Tgt Ion: 75 Resp: 82937
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.0 38.3 57.5#

