

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031806.D
 Acq On : 10 Jul 2025 16:20
 Operator : SY/MD
 Sample : Q2539-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HACKENSACK

Quant Time: Jul 11 02:23:10 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)

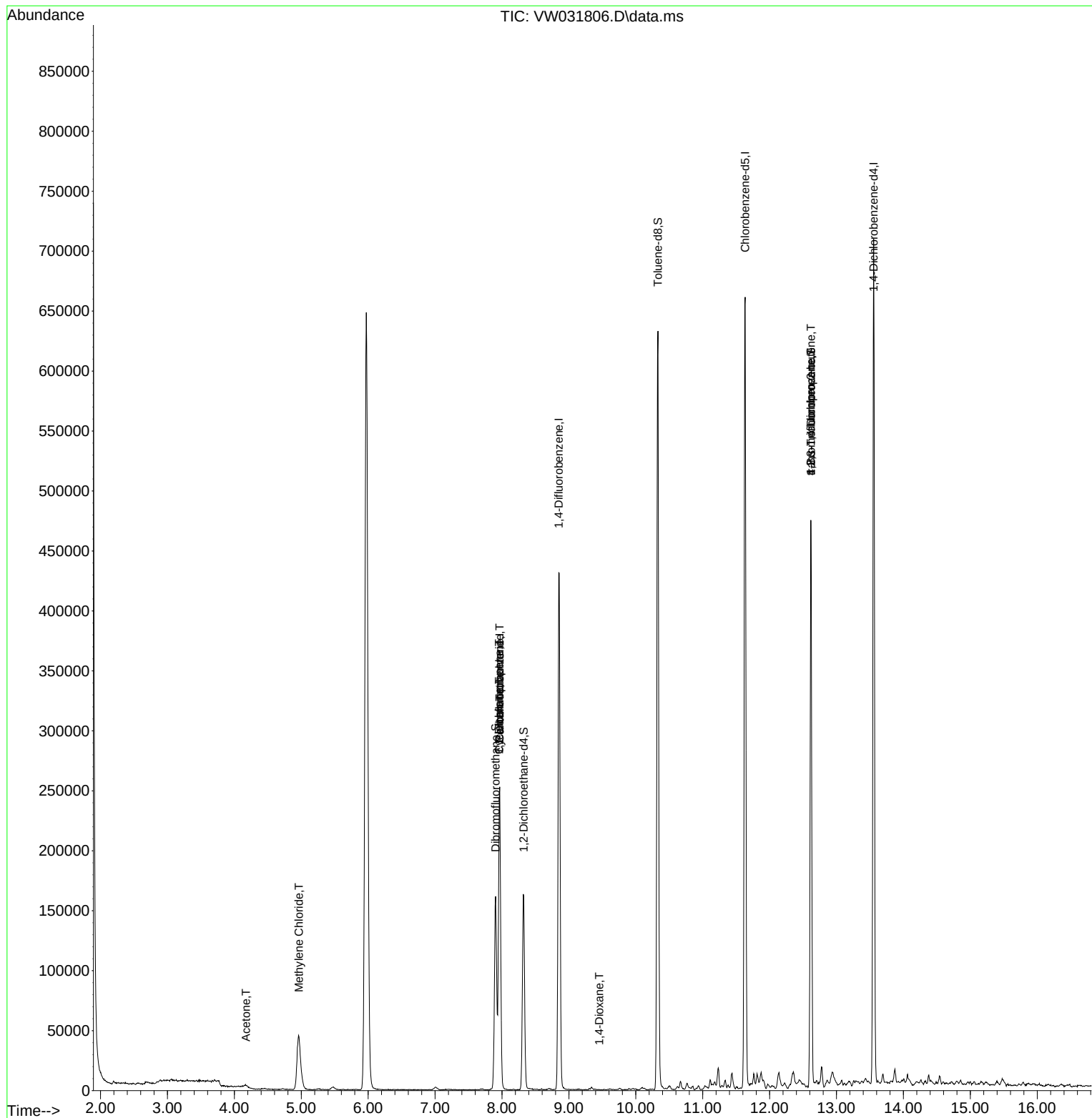
Internal Standards						
1) Pentafluorobenzene	7.965	168	175909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	371697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	361152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	138479	54.854	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 109.700%	
35) Dibromofluoromethane	7.904	113	117088	48.274	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 96.540%	
50) Toluene-d8	10.331	98	421848	46.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 93.480%	
62) 4-Bromofluorobenzene	12.617	95	167611	50.460	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 100.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	2576	4.128	ug/l	91
20) Methylene Chloride	4.966	84	42688	13.729	ug/l	98
31) Cyclohexane	7.959	56	4671	1.299	ug/l #	18
36) 1,1-Dichloropropene	7.959	75	16218	4.621	ug/l #	50
38) Carbon Tetrachloride	7.965	117	19697	5.507	ug/l #	17
49) 1,4-Dioxane	9.453	88	23	1.212	ug/l #	13
76) 1,2,3-Trichloropropane	12.617	75	90589	41.113	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	90589	95.759	ug/l #	8

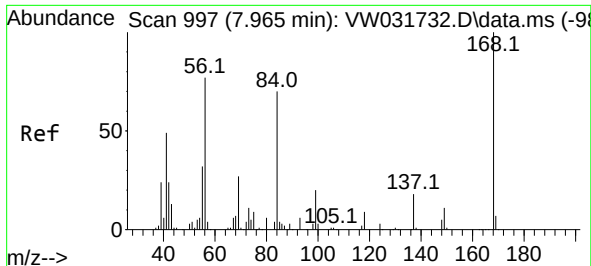
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 11 02:23:10 2025
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
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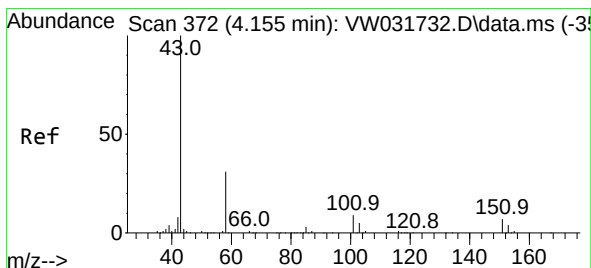
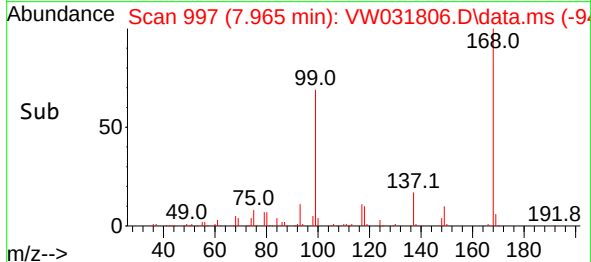
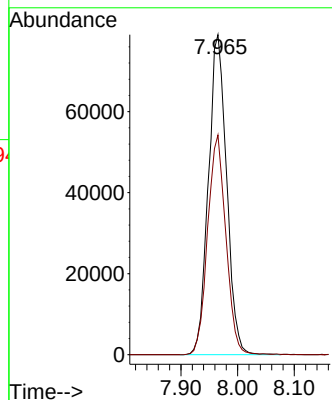
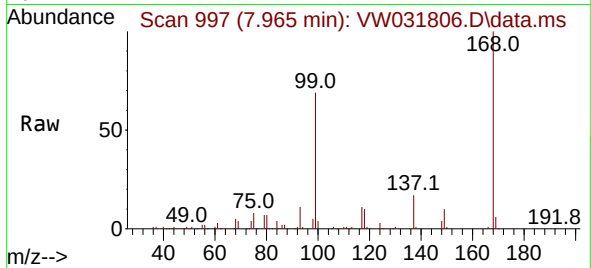




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

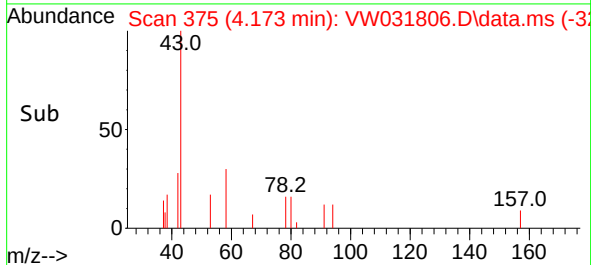
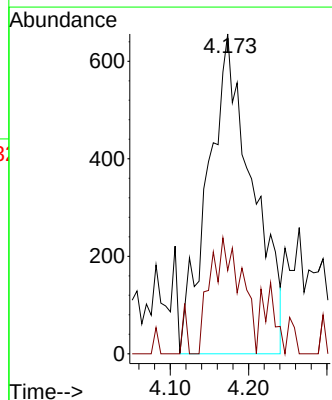
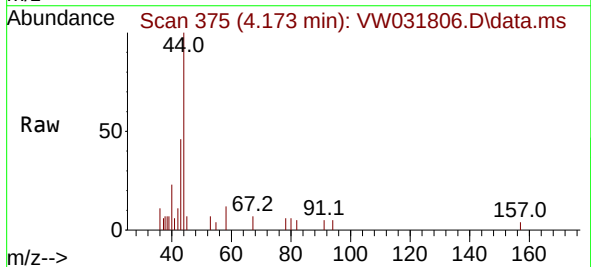
Instrument :
MSVOA_W
ClientSampleId :
HACKENSACK

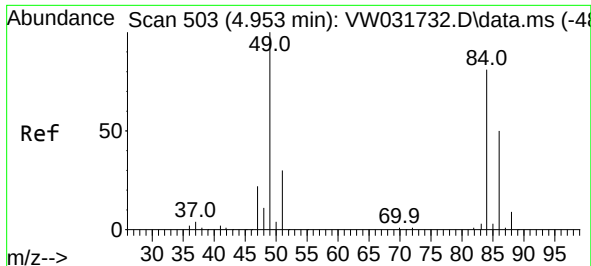
Tgt Ion:168 Resp: 175909
Ion Ratio Lower Upper
168 100
99 68.7 49.4 74.2



#16
Acetone
Concen: 4.128 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.018 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion: 43 Resp: 2576
Ion Ratio Lower Upper
43 100
58 26.1 24.8 37.2

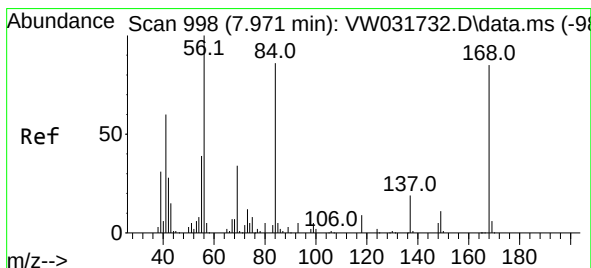
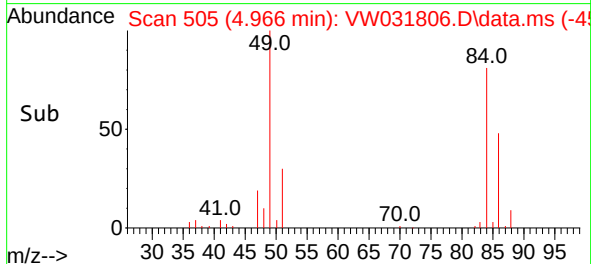
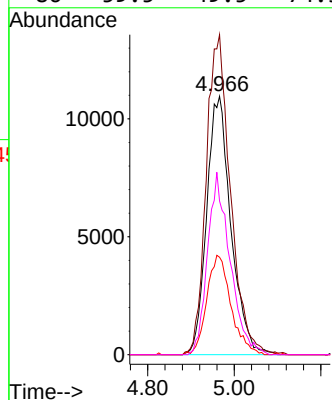
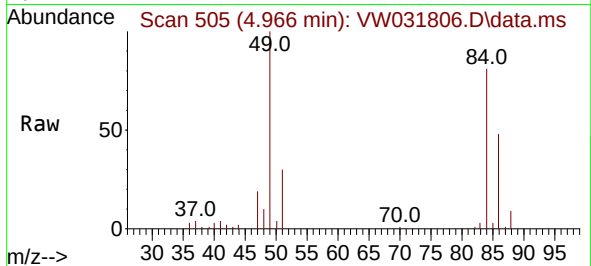




#20
Methylene Chloride
Concen: 13.729 ug/l
RT: 4.966 min Scan# 503
Delta R.T. 0.012 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

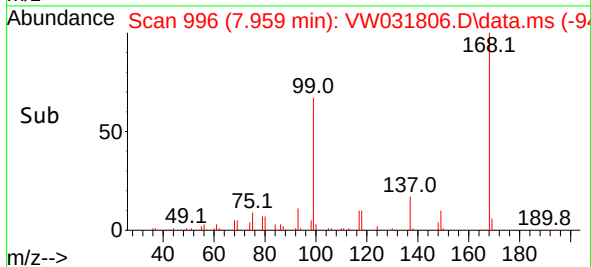
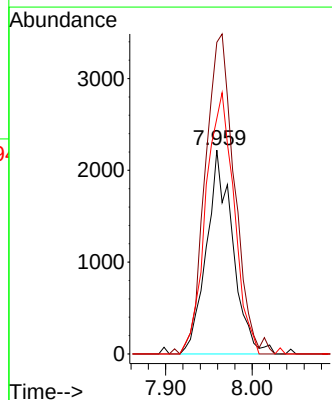
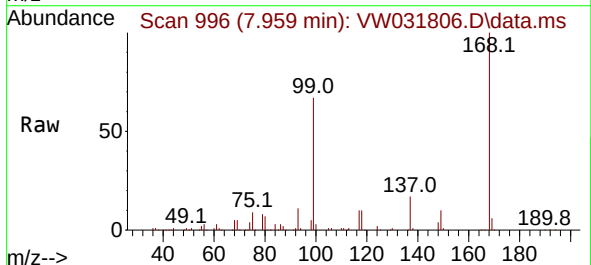
Instrument :
MSVOA_W
ClientSampleId :
HACKENSACK

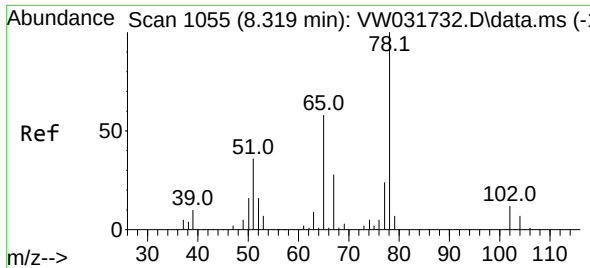
Tgt Ion:	84	Resp:	42688
Ion	Ratio	Lower	Upper
84	100		
49	123.9	98.2	147.4
51	37.7	29.8	44.8
86	59.5	49.5	74.3



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion:	56	Resp:	4671
Ion	Ratio	Lower	Upper
56	100		
69	152.9	27.2	40.8#
84	115.6	68.5	102.7#

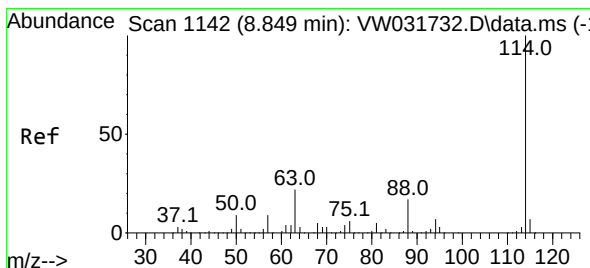
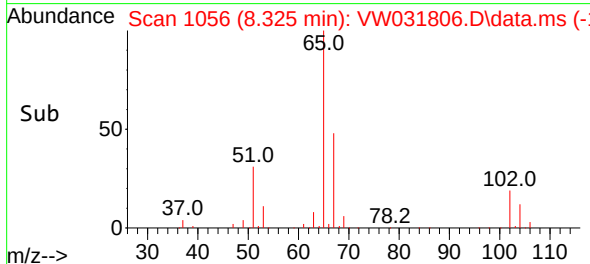
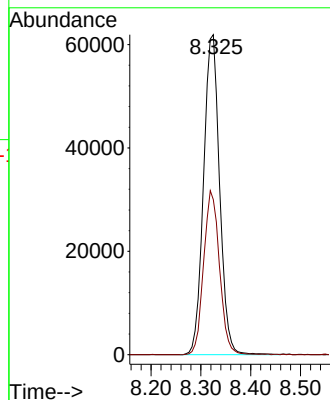
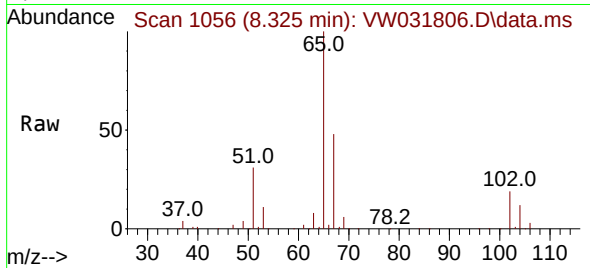




#33
 1,2-Dichloroethane-d4
 Concen: 54.854 ug/l
 RT: 8.325 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VW031806.D
 Acq: 10 Jul 2025 16:20

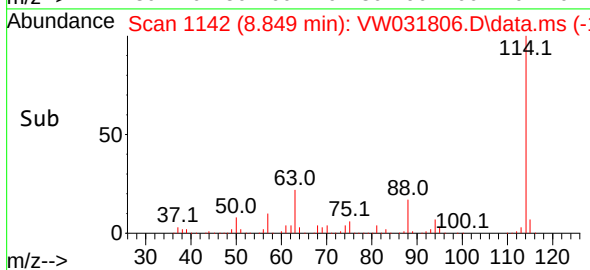
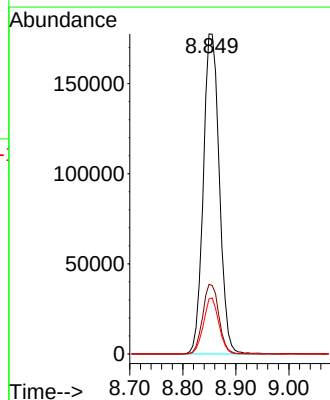
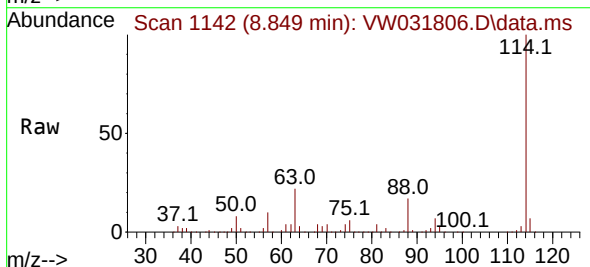
Instrument :
 MSVOA_W
 ClientSampleId :
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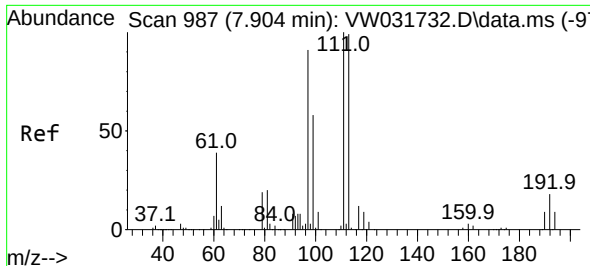
Tgt Ion: 65 Resp: 138479
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031806.D
 Acq: 10 Jul 2025 16:20

Tgt Ion: 114 Resp: 371697
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.6
 88 17.2 0.0 34.2

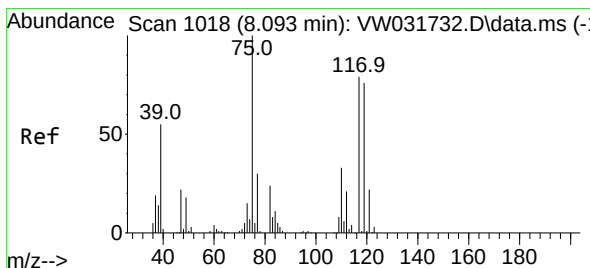
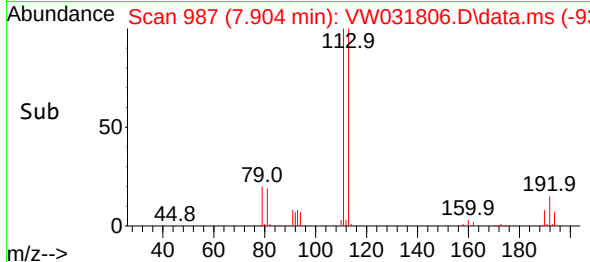
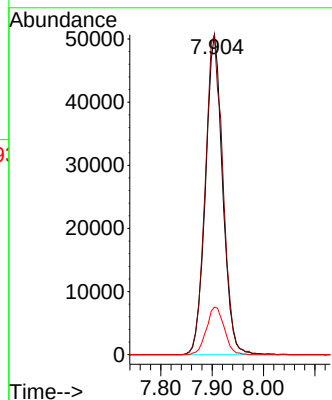
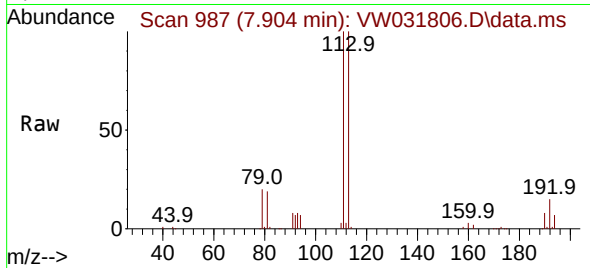




#35
 Dibromofluoromethane
 Concen: 48.274 ug/l
 RT: 7.904 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VW031806.D
 Acq: 10 Jul 2025 16:20

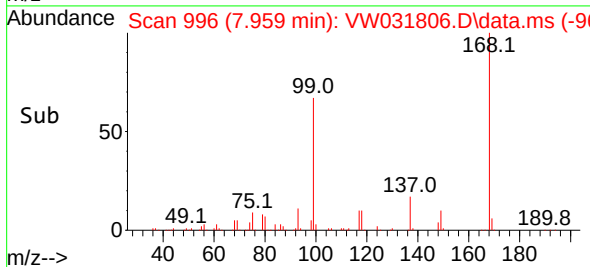
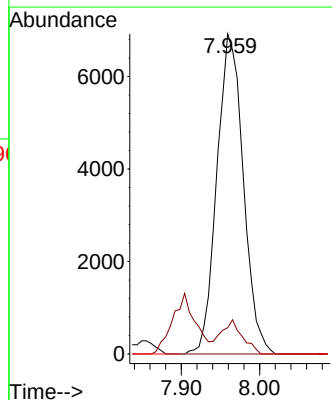
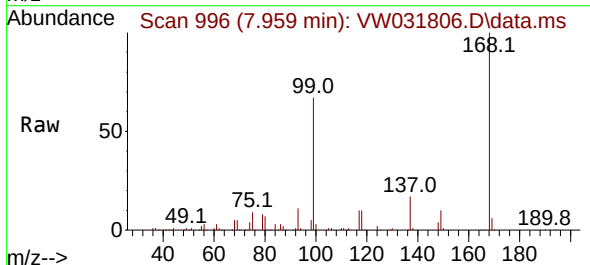
Instrument :
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 ClientSampleId :
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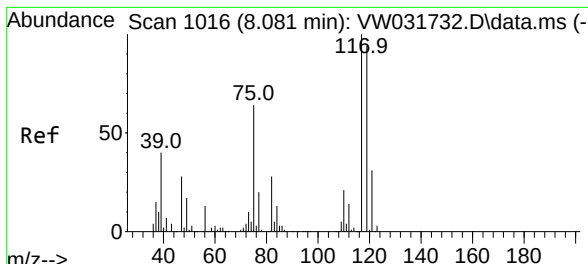
Tgt Ion:	113	Resp:	117088
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	15.5	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 4.621 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031806.D
 Acq: 10 Jul 2025 16:20

Tgt Ion:	75	Resp:	16218
Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.8	50.4#
77	0.0	25.0	37.6#

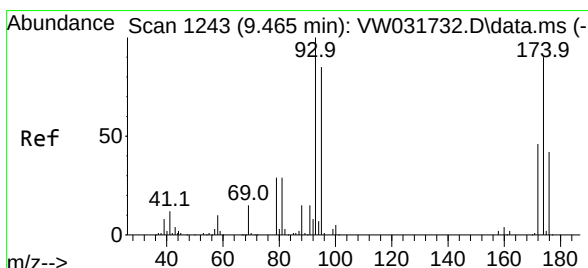
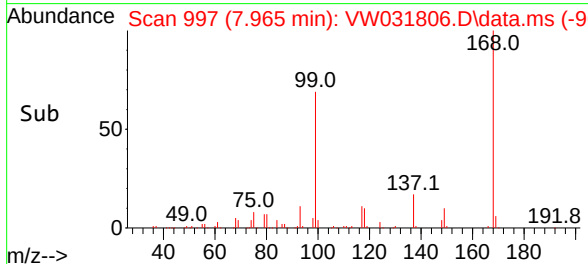
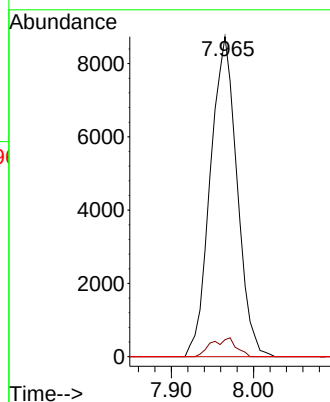
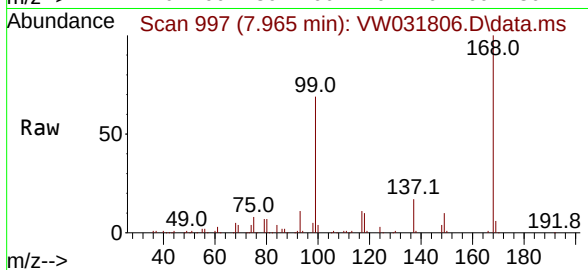




#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.965 min Scan# 91
Delta R.T. -0.116 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

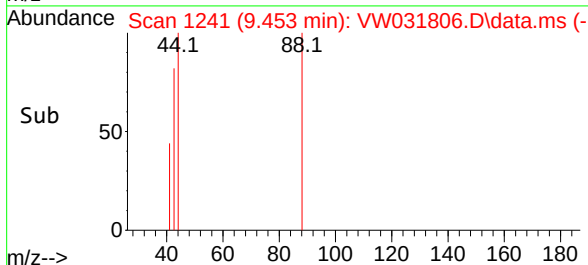
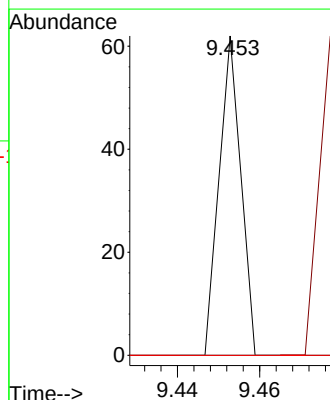
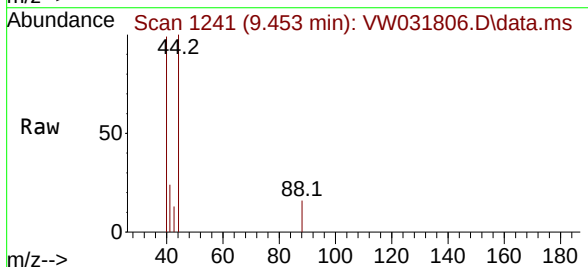
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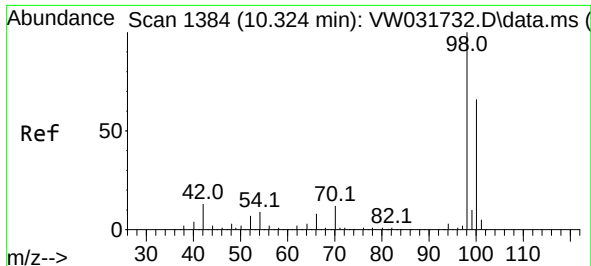
Tgt Ion:117 Resp: 19697
Ion Ratio Lower Upper
117 100
119 5.3 75.0 112.6#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 1.212 ug/l
RT: 9.453 min Scan# 1241
Delta R.T. -0.012 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 58.3 87.5#

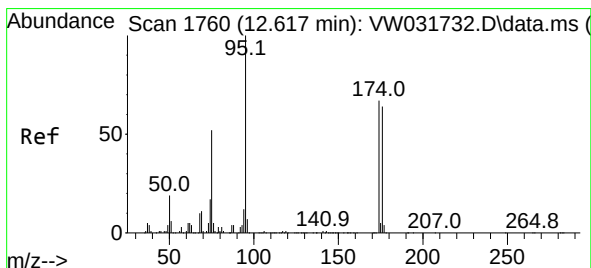
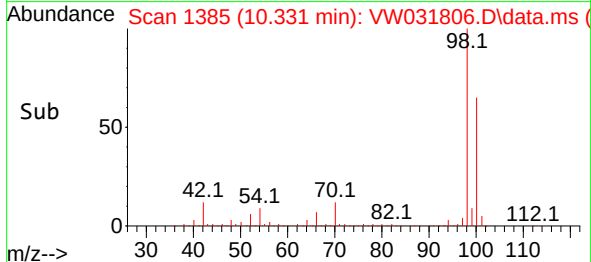
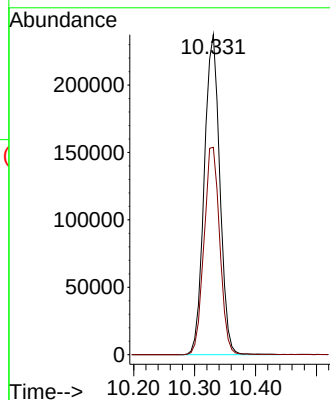
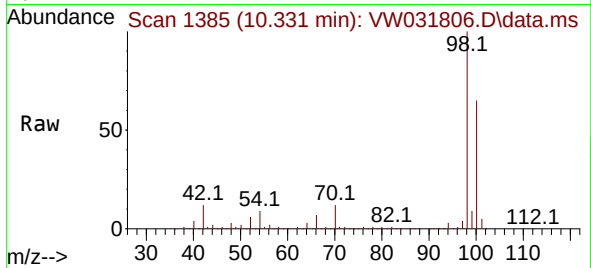




#50
Toluene-d8
Concen: 46.736 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

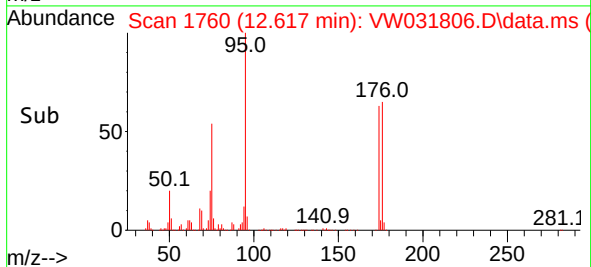
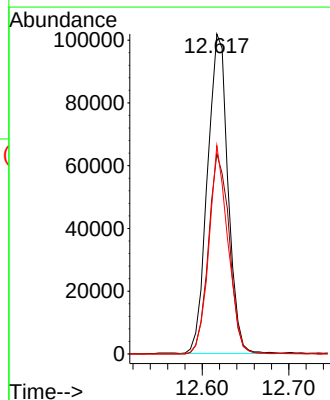
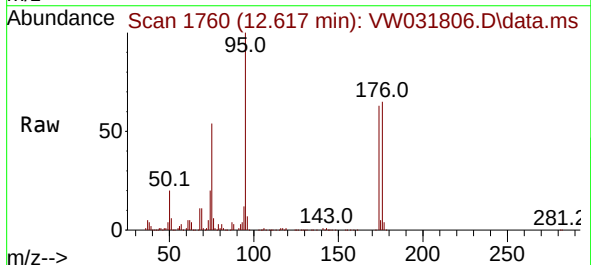
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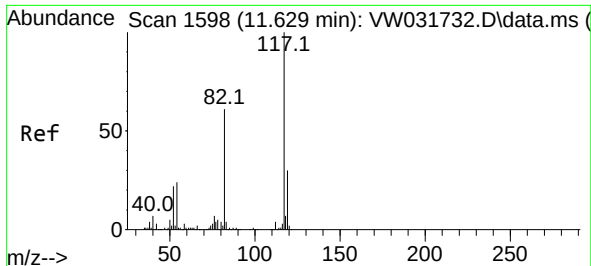
Tgt Ion: 98 Resp: 421848
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.460 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion: 95 Resp: 167611
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.8
176 60.5 0.0 126.0

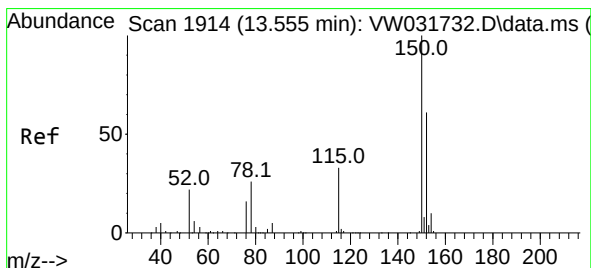
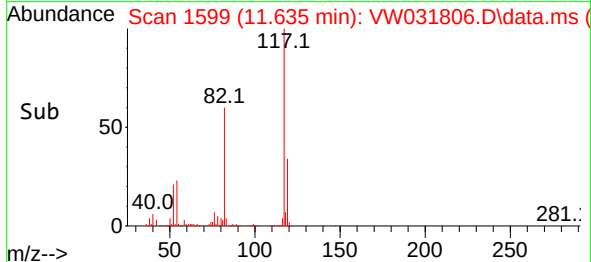
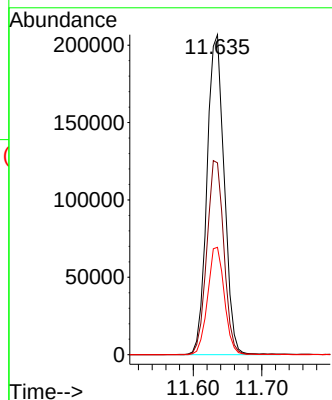
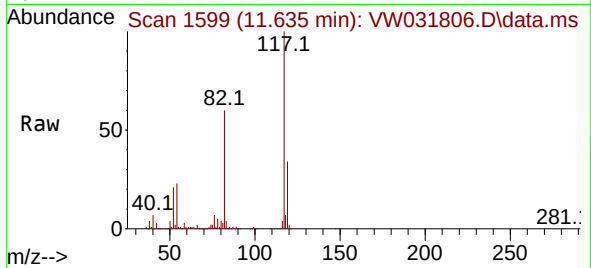




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

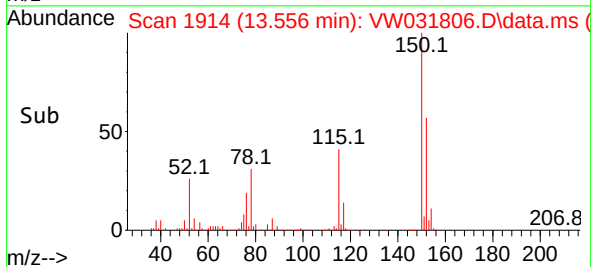
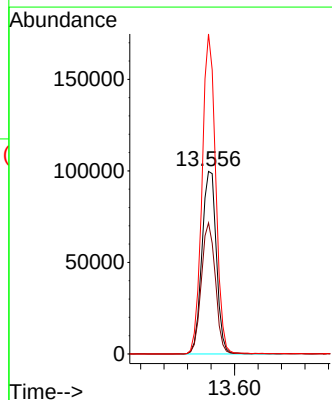
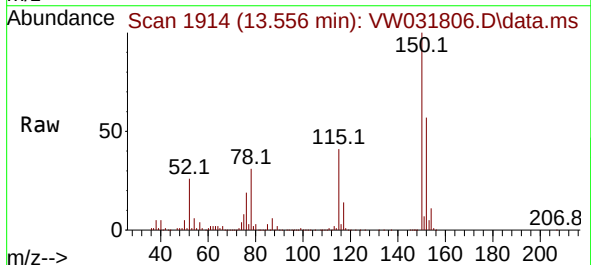
Instrument :
MSVOA_W
ClientSampleId :
HACKENSACK

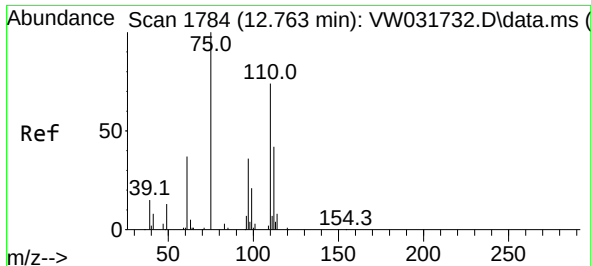
Tgt Ion:117 Resp: 361152
Ion Ratio Lower Upper
117 100
82 59.8 48.6 72.8
119 33.6 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion:152 Resp: 170506
Ion Ratio Lower Upper
152 100
115 69.6 31.9 95.7
150 165.1 0.0 356.4

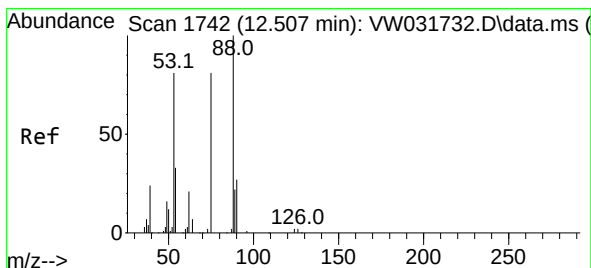
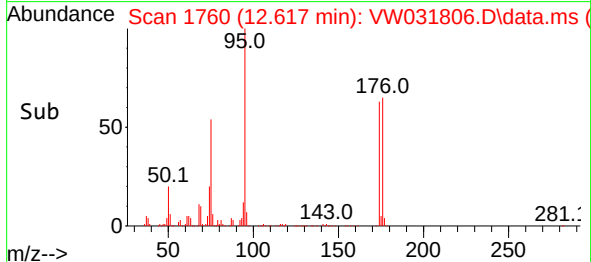
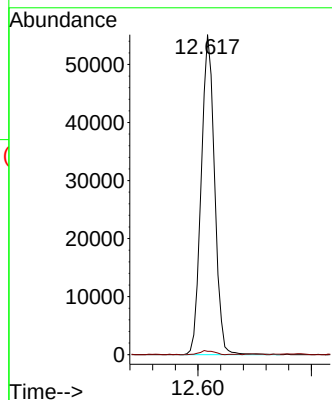
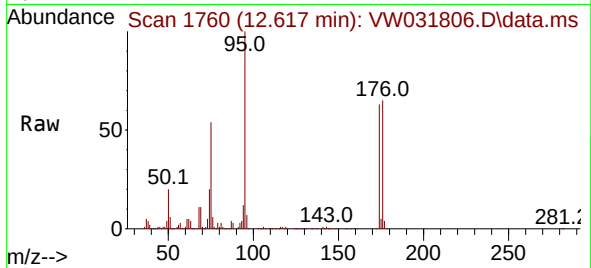




#76
1,2,3-Trichloropropane
Concen: 41.113 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Instrument :
MSVOA_W
ClientSampleId :
HACKENSACK

Tgt Ion: 75 Resp: 90589
Ion Ratio Lower Upper
75 100
77 1.4 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.759 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion: 75 Resp: 90589
Ion Ratio Lower Upper
75 100
53 0.4 83.5 125.3#
89 0.0 38.3 57.5#

