

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031800.D
 Acq On : 10 Jul 2025 14:09
 Operator : SY/MD
 Sample : Q2529-07
 Misc : 5.15g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-101

Quant Time: Jul 11 02:20:43 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)

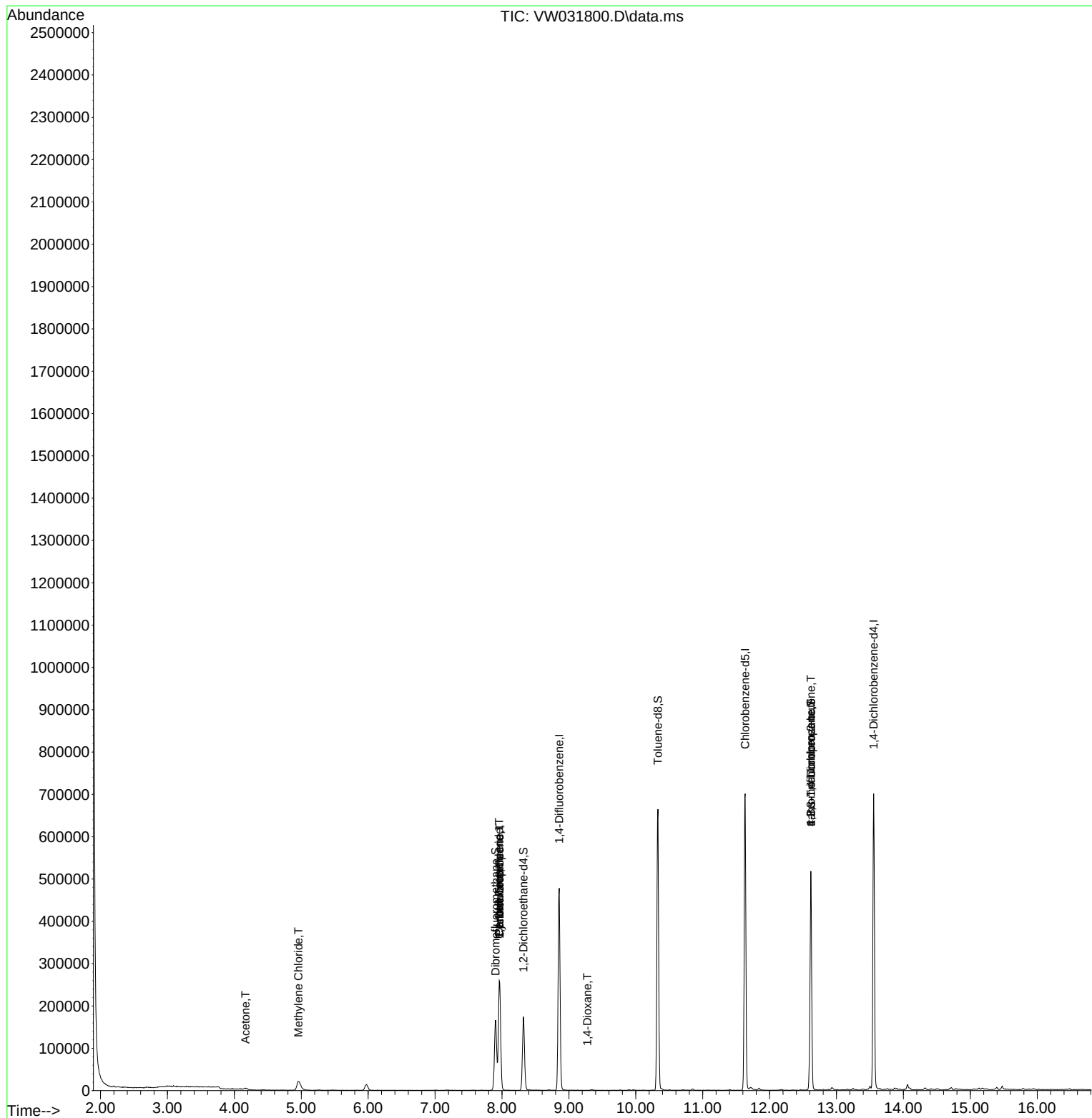
Internal Standards						
1) Pentafluorobenzene	7.959	168	173749	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	404966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	378578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142239	57.044	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 114.080%	
35) Dibromofluoromethane	7.904	113	121958	46.151	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 92.300%	
50) Toluene-d8	10.331	98	441924	44.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 89.880%	
62) 4-Bromofluorobenzene	12.617	95	171005	47.253	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 94.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	3563	5.781	ug/l	# 81
20) Methylene Chloride	4.960	84	20350	4.200	ug/l	98
31) Cyclohexane	7.965	56	4789	1.349	ug/l	# 7
36) 1,1-Dichloropropene	7.965	75	17195	4.497	ug/l	# 50
38) Carbon Tetrachloride	7.959	117	21163	5.431	ug/l	# 16
49) 1,4-Dioxane	9.276	88	25	1.209	ug/l	# 13
76) 1,2,3-Trichloropropane	12.617	75	89865	39.216	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.617	75	89865	91.341	ug/l	# 8

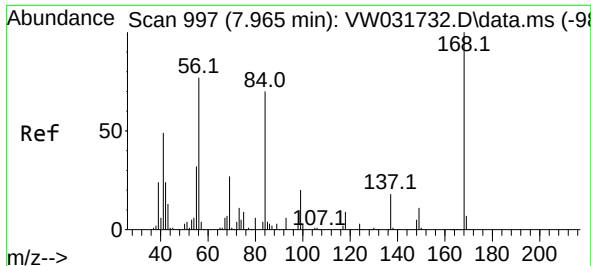
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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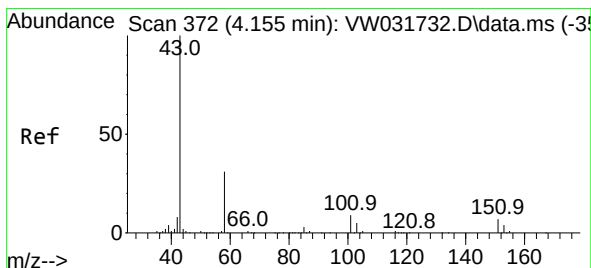
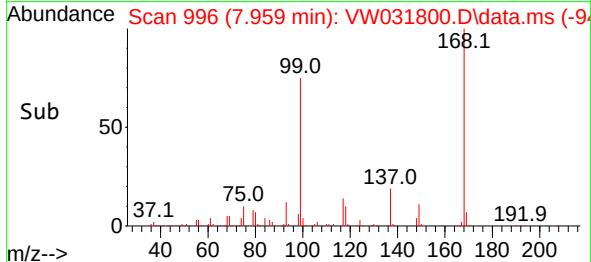
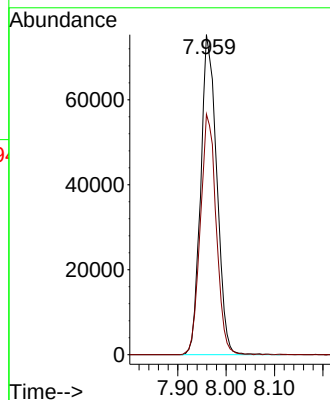
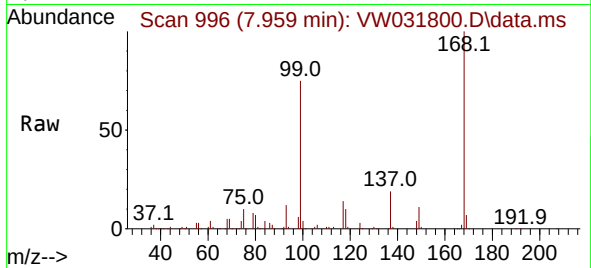




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

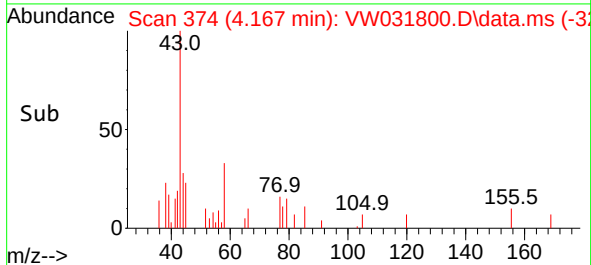
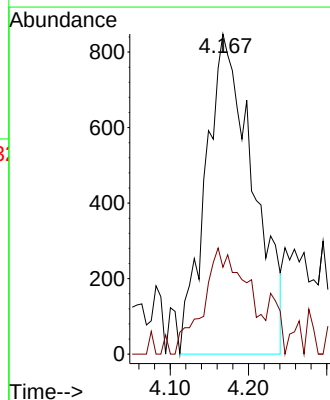
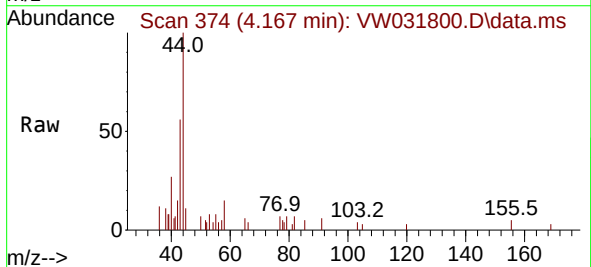
Instrument :
MSVOA_W
ClientSampleId :
TP-101

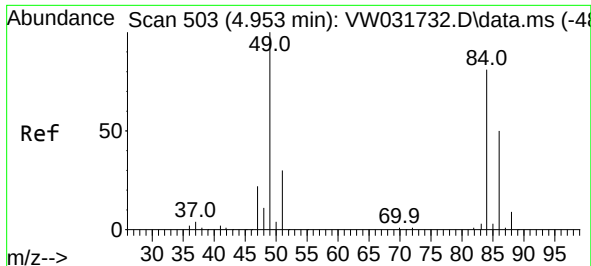
Tgt Ion:168 Resp: 173749
Ion Ratio Lower Upper
168 100
99 75.2 49.4 74.2#



#16
Acetone
Concen: 5.781 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.013 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
58 20.3 24.8 37.2#

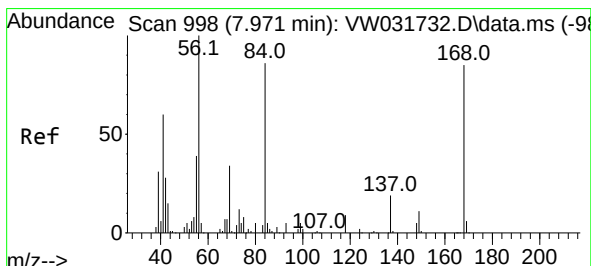
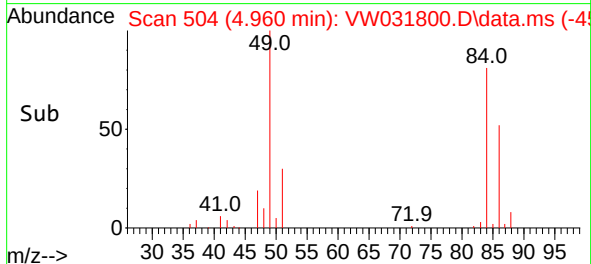
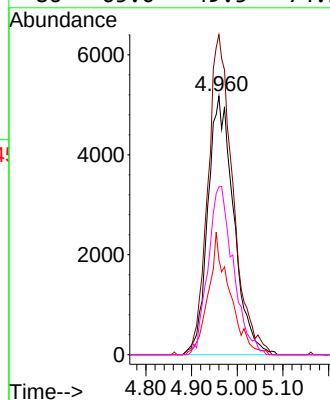
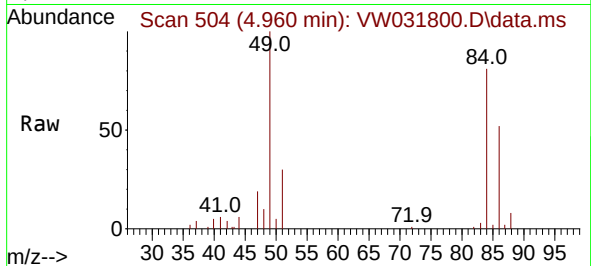




#20
Methylene Chloride
Concen: 4.200 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

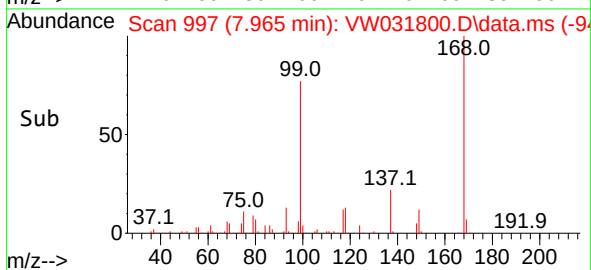
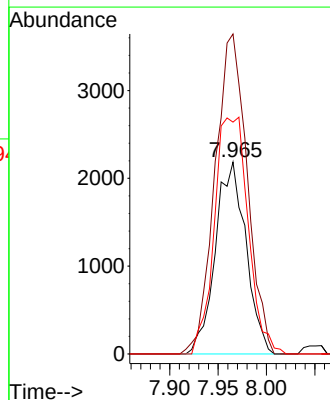
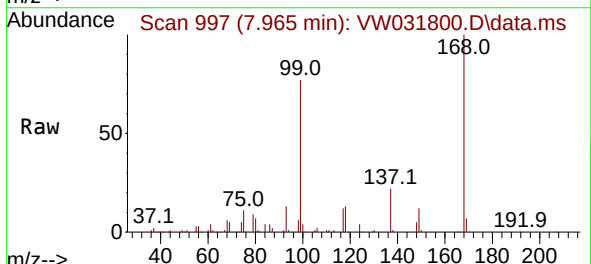
Instrument :
MSVOA_W
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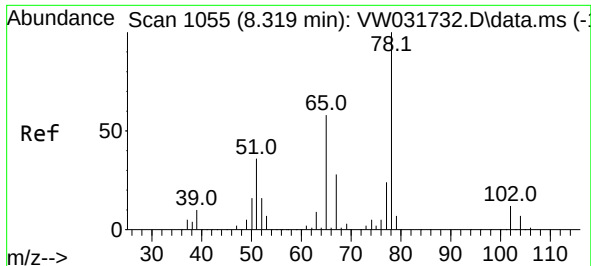
Tgt Ion: 84	Resp:	20350
Ion	Ratio	Lower Upper
84	100	
49	123.9	98.2 147.4
51	36.7	29.8 44.8
86	65.0	49.5 74.3



#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion: 56	Resp:	4789
Ion	Ratio	Lower Upper
56	100	
69	166.8	27.2 40.8#
84	120.9	68.5 102.7#

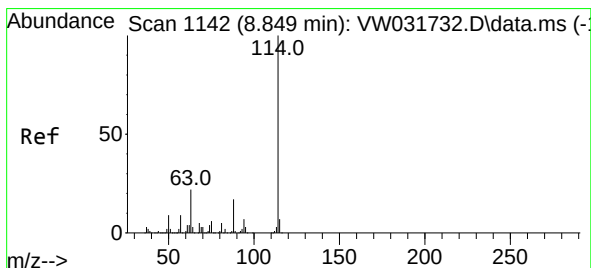
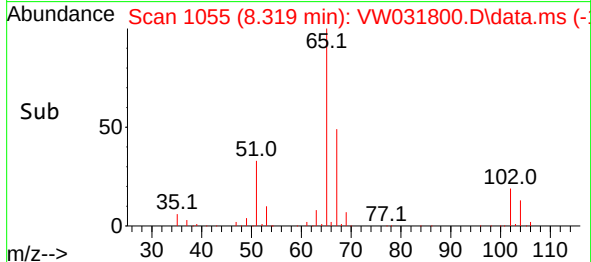
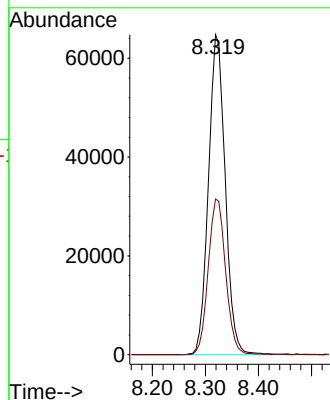
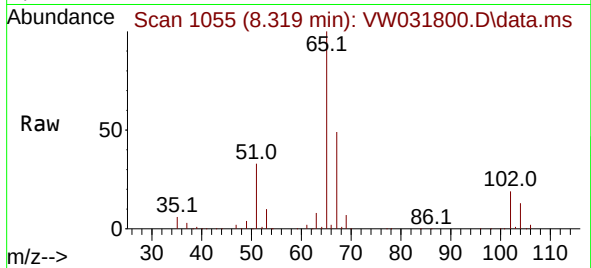




#33
1,2-Dichloroethane-d4
Concen: 57.044 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

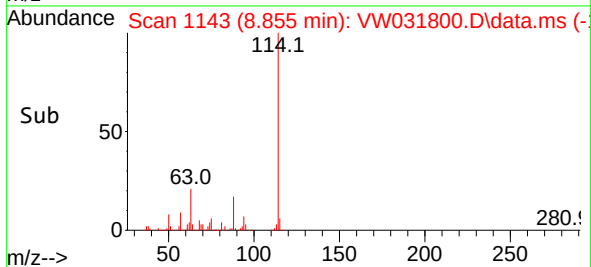
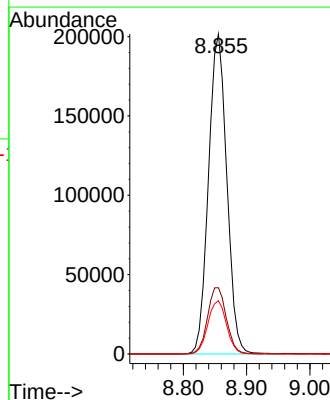
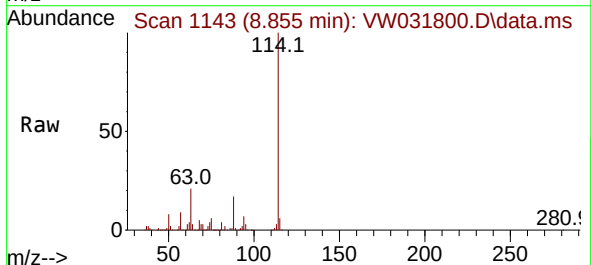
Instrument :
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TP-101

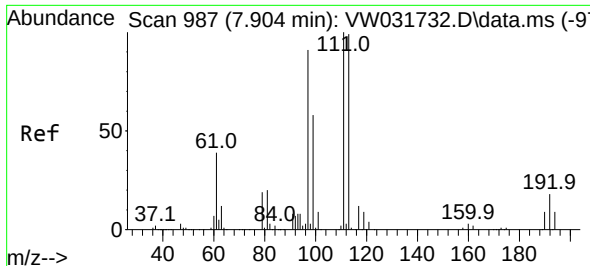
Tgt Ion: 65 Resp: 142239
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion: 114 Resp: 404966
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.6
88 16.7 0.0 34.2

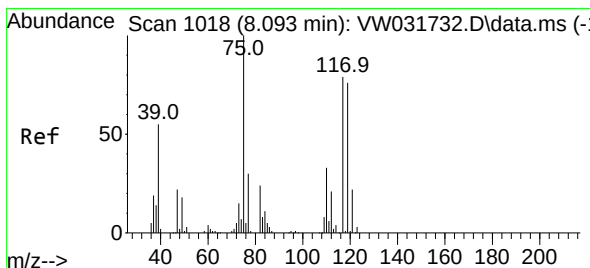
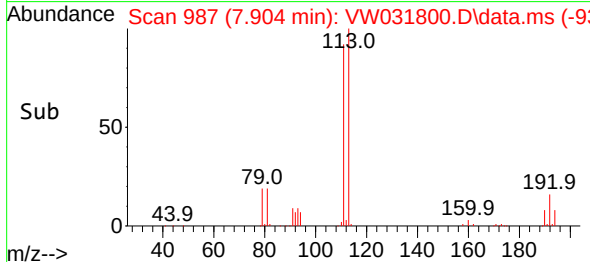
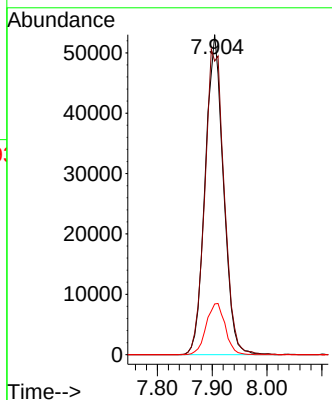
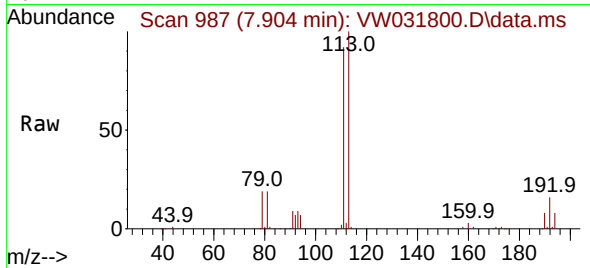




#35
 Dibromofluoromethane
 Concen: 46.151 ug/l
 RT: 7.904 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VW031800.D
 Acq: 10 Jul 2025 14:09

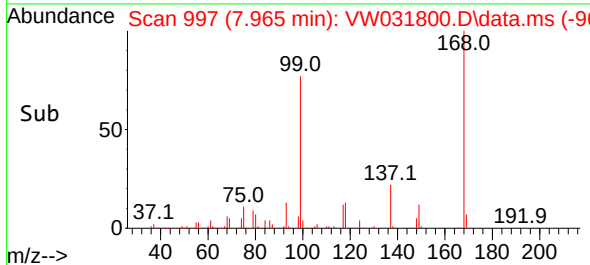
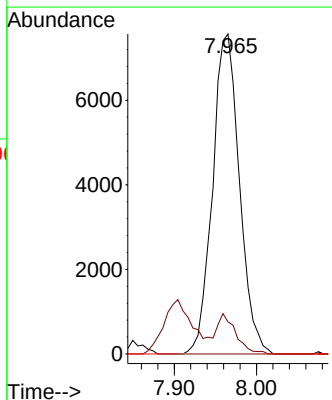
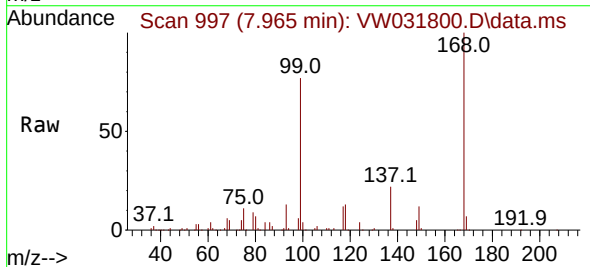
Instrument :
 MSVOA_W
 ClientSampleId :
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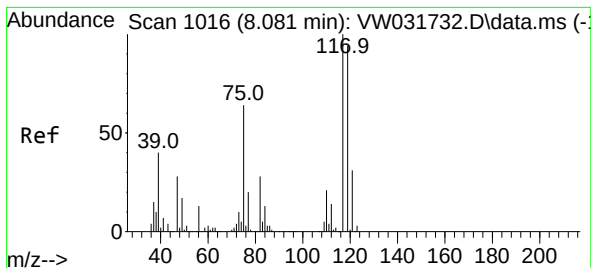
Tgt Ion:113	Resp:	121958	
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.1	123.1
192	16.7	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 4.497 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.128 min
 Lab File: VW031800.D
 Acq: 10 Jul 2025 14:09

Tgt Ion: 75	Resp: 17195
Ion Ratio	Lower Upper
75 100	
110 8.5	16.8 50.4#
77 0.0	25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.431 ug/l

RT: 7.959 min Scan# 91

Delta R.T. -0.122 min

Lab File: VW031800.D

Acq: 10 Jul 2025 14:09

Instrument :

MSVOA_W

ClientSampleId :

TP-101

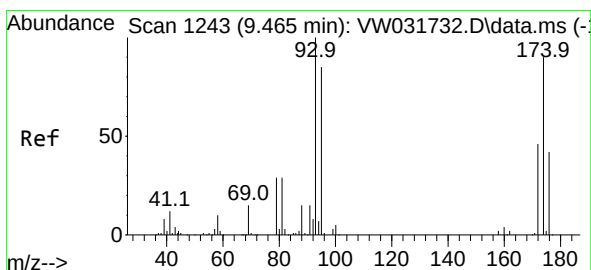
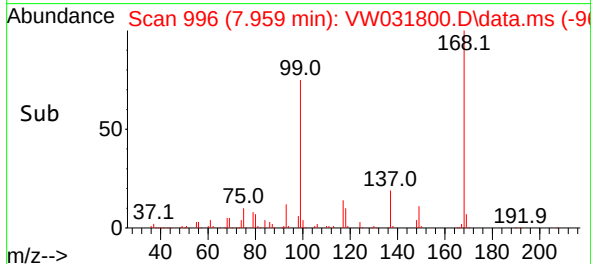
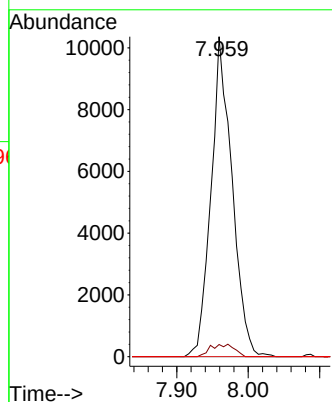
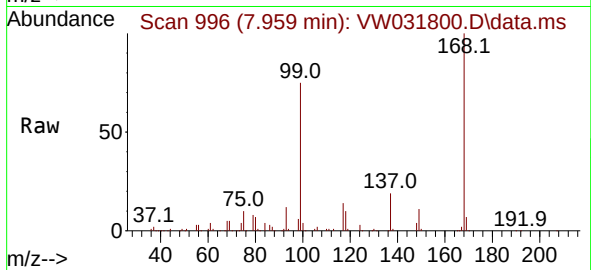
Tgt Ion:117 Resp: 21163

Ion Ratio Lower Upper

117 100

119 3.8 75.0 112.6#

121 0.0 24.6 37.0#



#49

1,4-Dioxane

Concen: 1.209 ug/l

RT: 9.276 min Scan# 1212

Delta R.T. -0.189 min

Lab File: VW031800.D

Acq: 10 Jul 2025 14:09

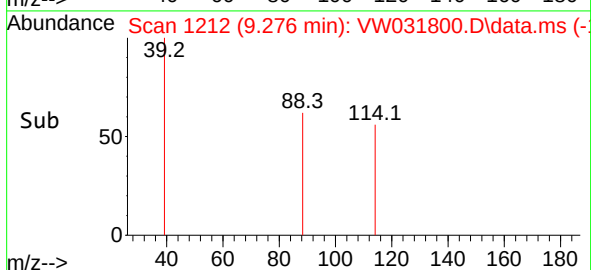
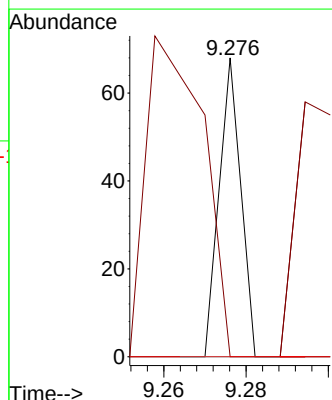
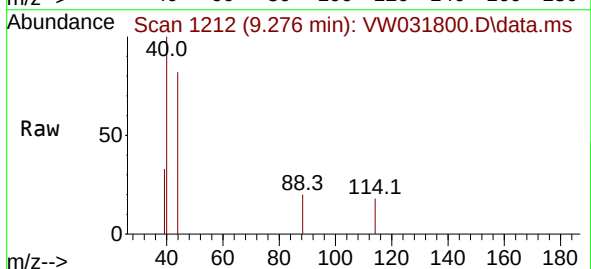
Tgt Ion: 88 Resp: 25

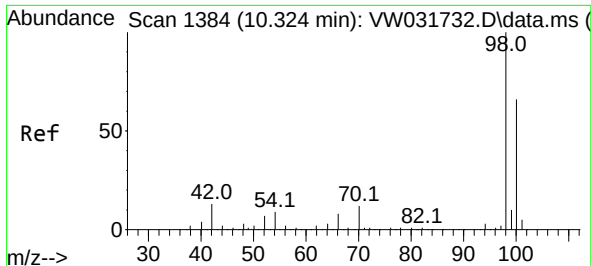
Ion Ratio Lower Upper

88 100

43 280.0 0.0 0.0#

58 0.0 58.3 87.5#

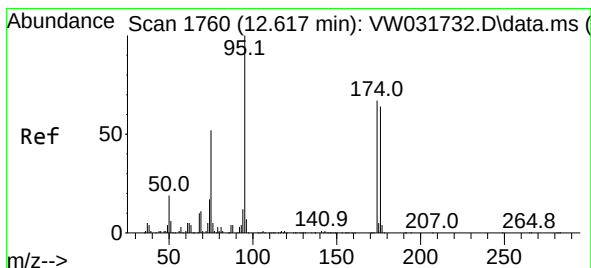
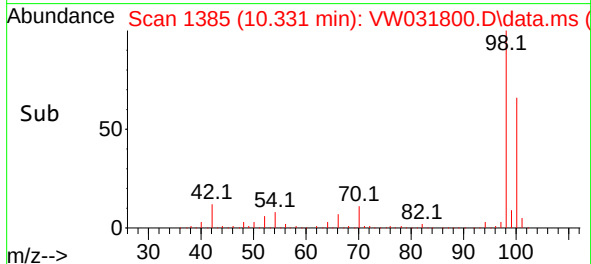
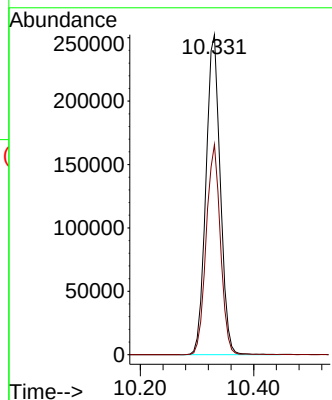
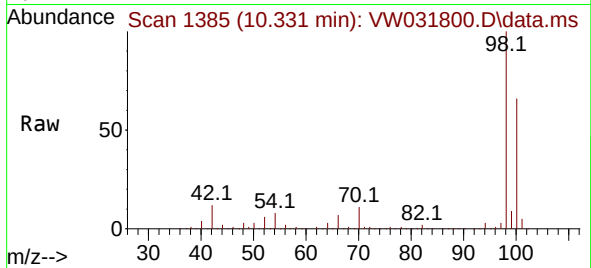




#50
Toluene-d8
Concen: 44.938 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

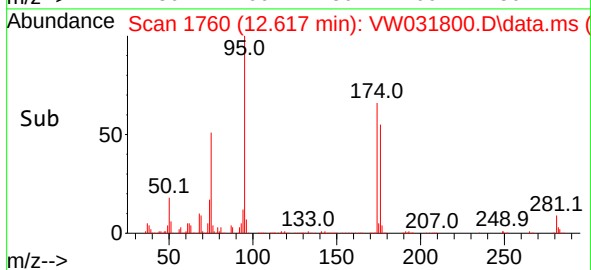
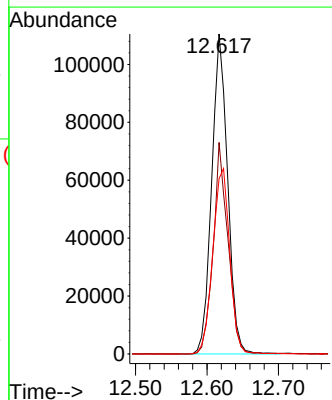
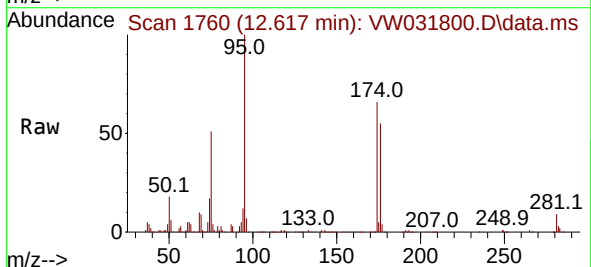
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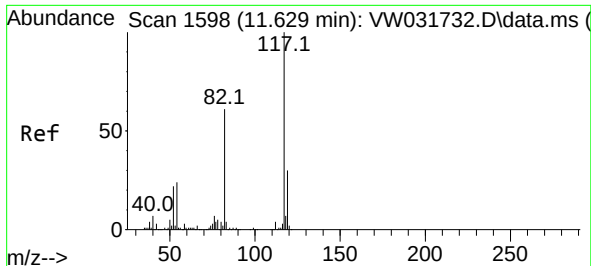
Tgt Ion: 98 Resp: 441924
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.253 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion: 95 Resp: 171005
Ion Ratio Lower Upper
95 100
174 61.3 0.0 133.8
176 62.1 0.0 126.0

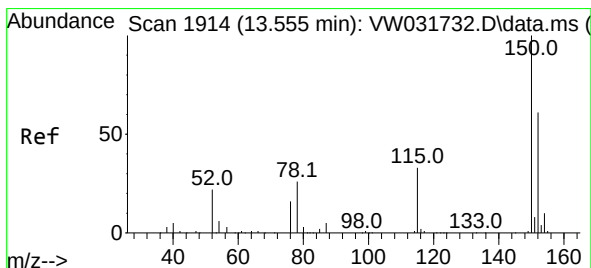
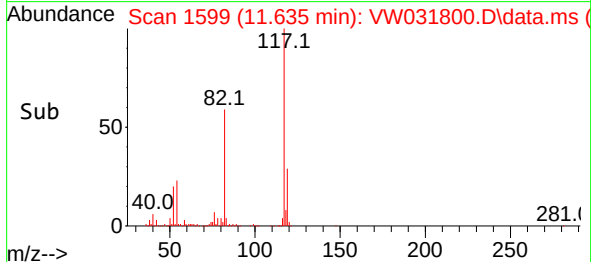
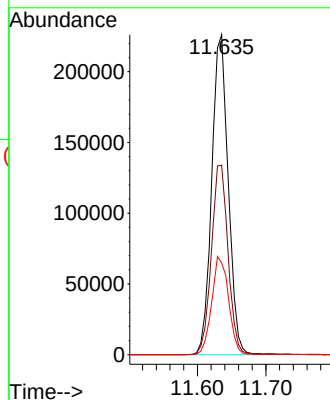
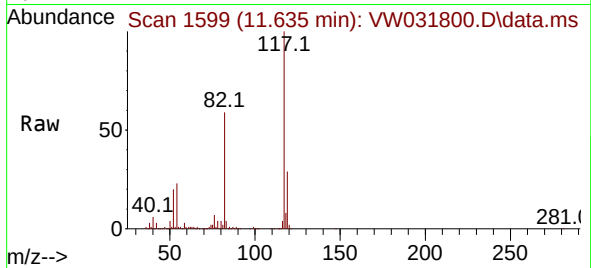




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

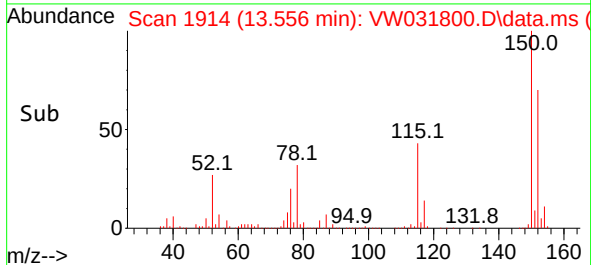
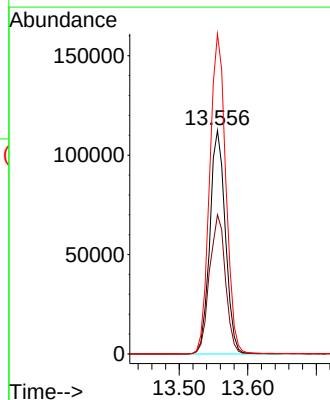
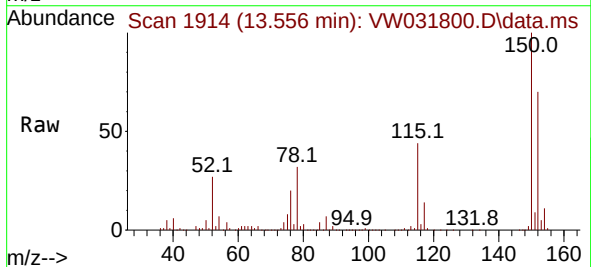
Instrument :
MSVOA_W
ClientSampleId :
TP-101

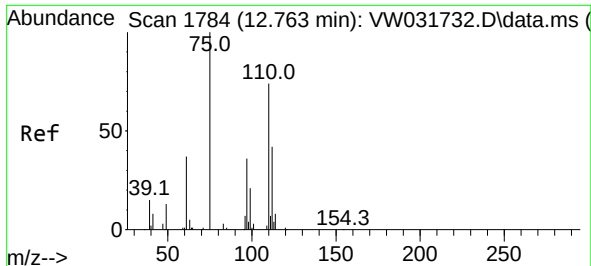
Tgt Ion:117 Resp: 378578
Ion Ratio Lower Upper
117 100
82 59.2 48.6 72.8
119 28.7 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion:152 Resp: 177324
Ion Ratio Lower Upper
152 100
115 64.2 31.9 95.7
150 149.0 0.0 356.4

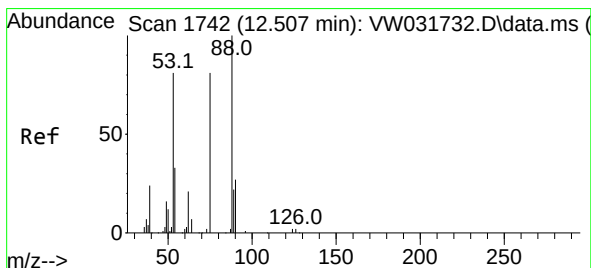
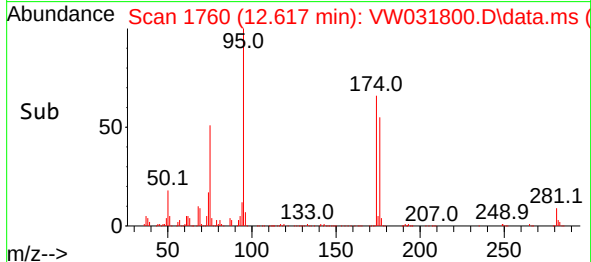
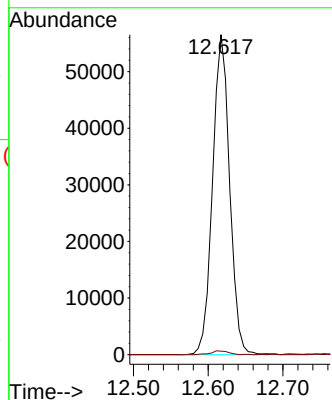
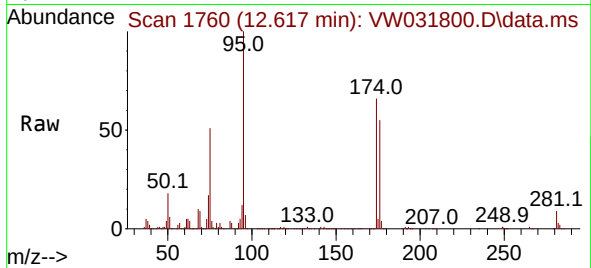




#76
1,2,3-Trichloropropane
Concen: 39.216 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Instrument :
MSVOA_W
ClientSampleId :
TP-101

Tgt Ion: 75 Resp: 89865
Ion Ratio Lower Upper
75 100
77 1.3 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.341 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031800.D
Acq: 10 Jul 2025 14:09

Tgt Ion: 75 Resp: 89865
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.2 38.3 57.5#

