

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121025\
 Data File : VW032606.D
 Acq On : 10 Dec 2025 10:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Dec 11 02:03:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

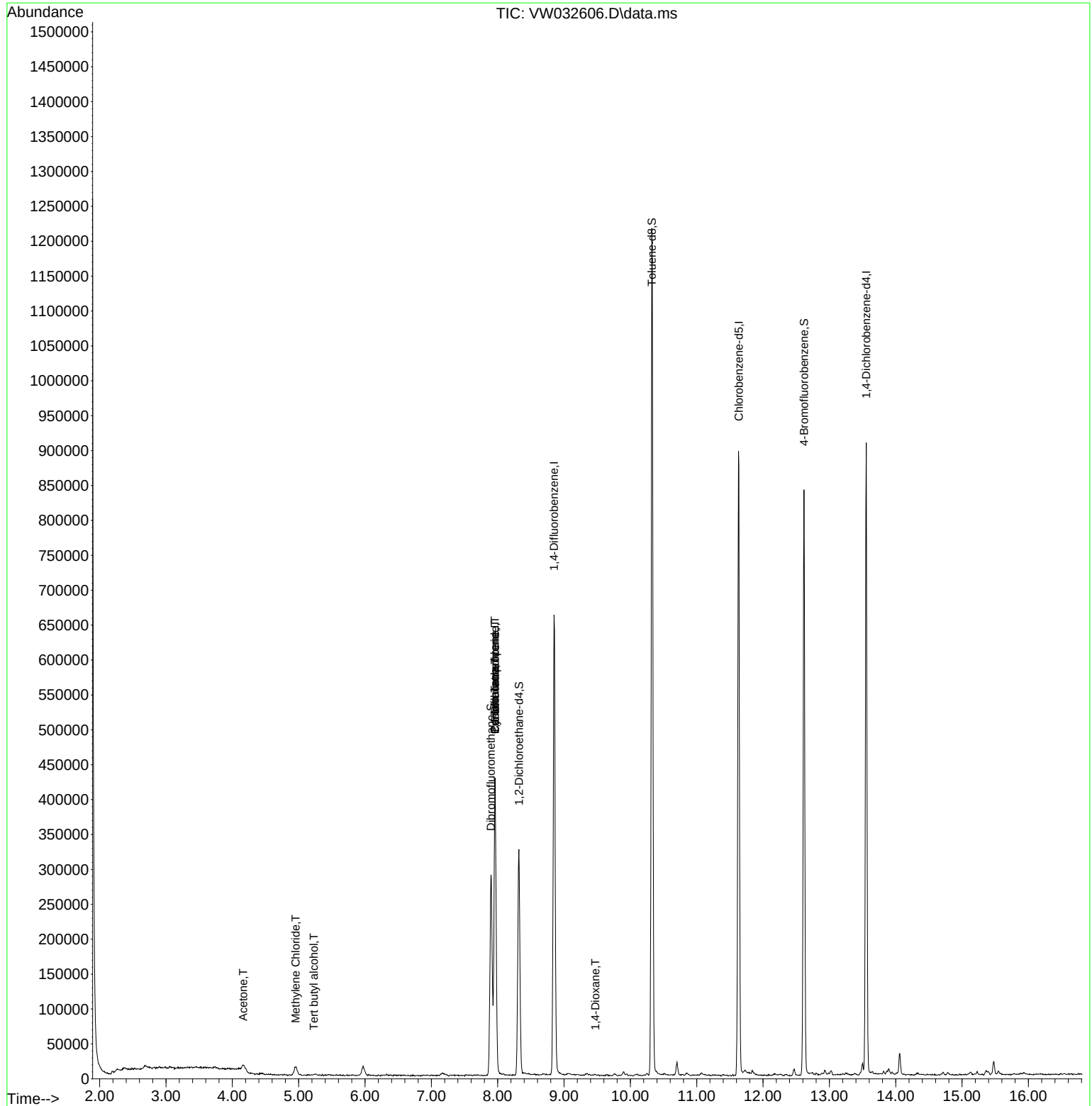
Internal Standards						
1) Pentafluorobenzene	7.959	168	283643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	541208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	488360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	218842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	264507	58.672	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 117.340%		
35) Dibromofluoromethane	7.898	113	212127	54.666	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 109.340%		
50) Toluene-d8	10.325	98	801571	57.711	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 115.420%		
62) 4-Bromofluorobenzene	12.617	95	281521	55.206	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 110.420%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.228	59	514	1.745	ug/l #	89
16) Acetone	4.161	43	11129	7.489	ug/l	98
20) Methylene Chloride	4.954	84	10004	2.205	ug/l #	82
31) Cyclohexane	7.959	56	8170	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	27195	4.881	ug/l #	52
38) Carbon Tetrachloride	7.959	117	33281	6.458	ug/l #	18
49) 1,4-Dioxane	9.471	88	86	2.558	ug/l #	1

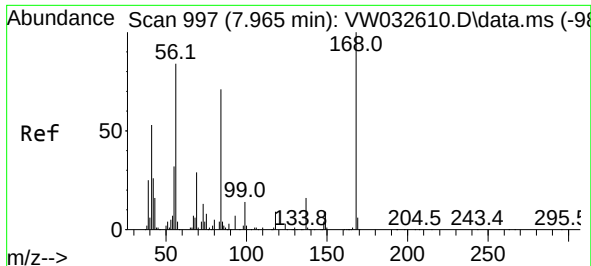
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VIBLK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

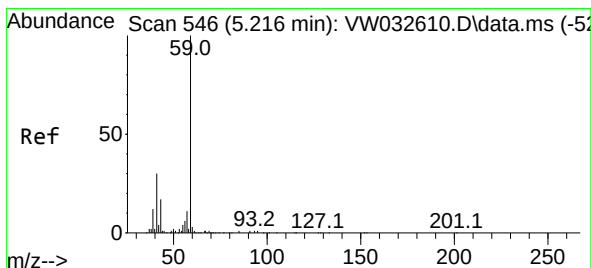
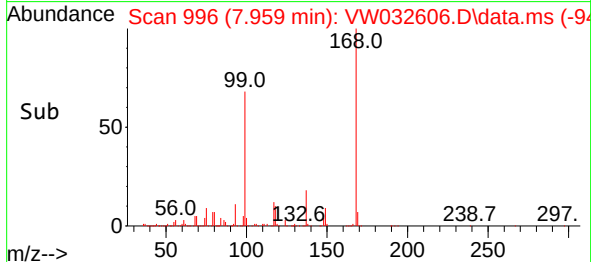
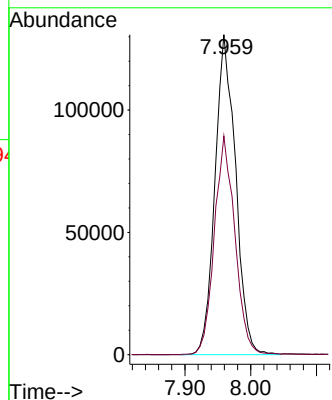
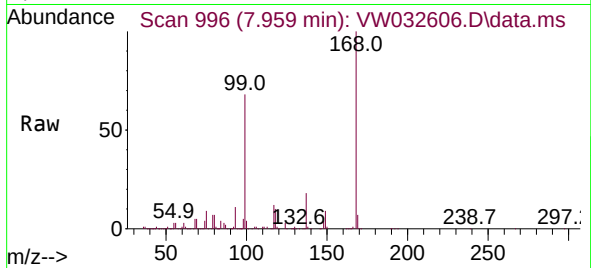




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

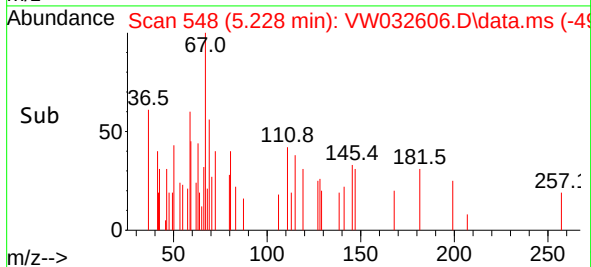
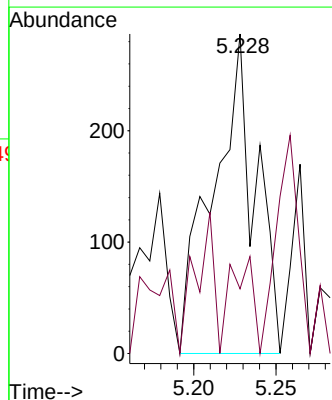
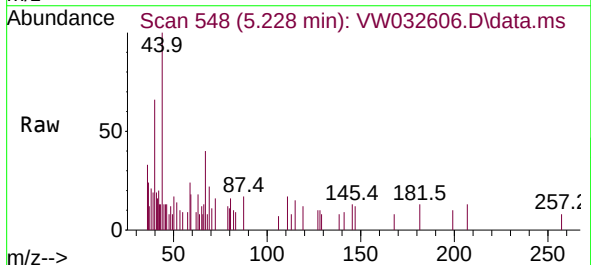
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

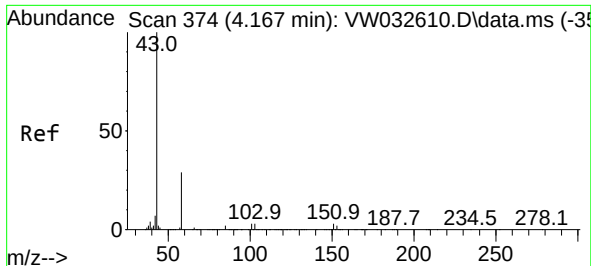
Tgt Ion:168 Resp: 283643
Ion Ratio Lower Upper
168 100
99 68.2 47.8 71.8



#11
Tert butyl alcohol
Concen: 1.745 ug/l
RT: 5.228 min Scan# 548
Delta R.T. 0.012 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

Tgt Ion: 59 Resp: 514
Ion Ratio Lower Upper
59 100
57 16.0 9.4 14.0#

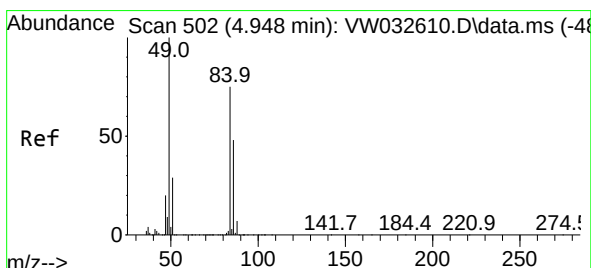
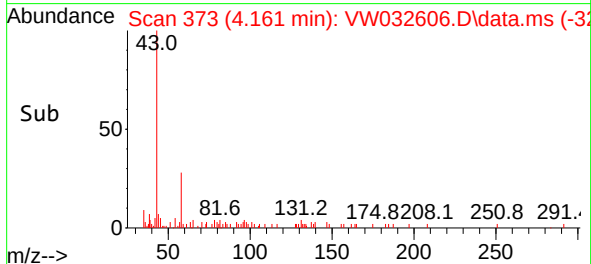
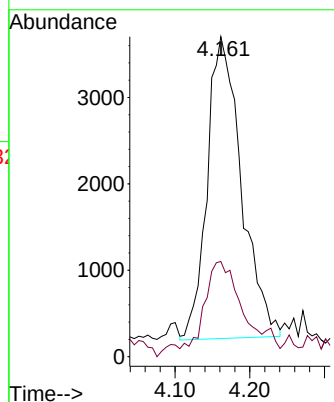
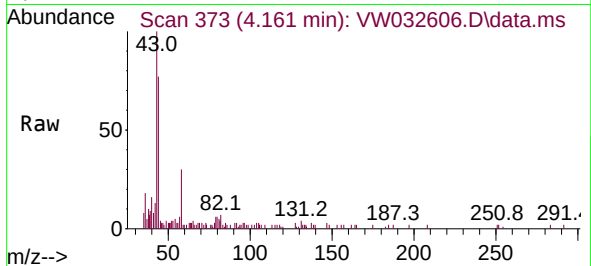




#16
Acetone
Concen: 7.489 ug/l
RT: 4.161 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

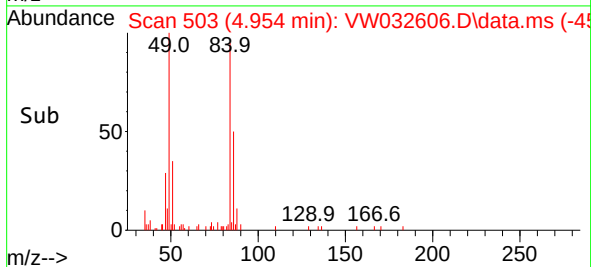
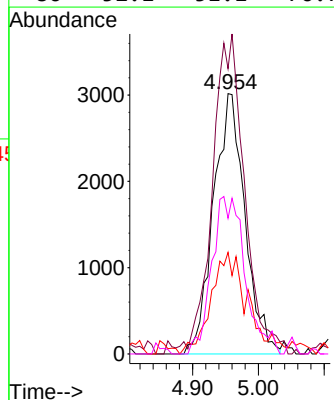
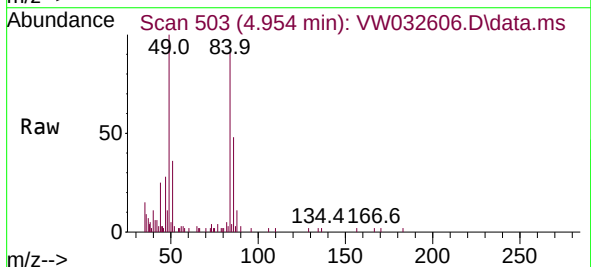
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

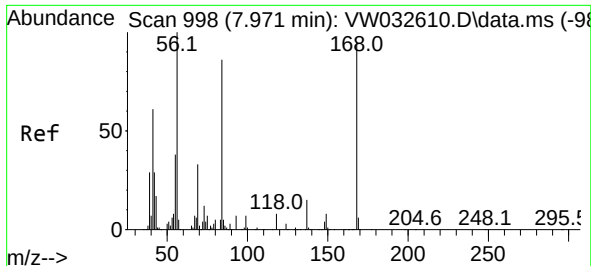
Tgt Ion: 43 Resp: 11129
Ion Ratio Lower Upper
43 100
58 29.1 23.9 35.9



#20
Methylene Chloride
Concen: 2.205 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

Tgt Ion: 84 Resp: 10004
Ion Ratio Lower Upper
84 100
49 105.0 106.9 160.3#
51 39.0 31.4 47.2
86 52.1 51.1 76.7

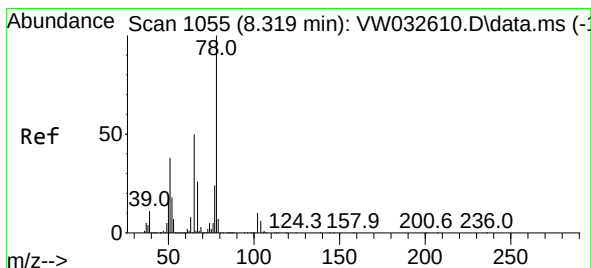
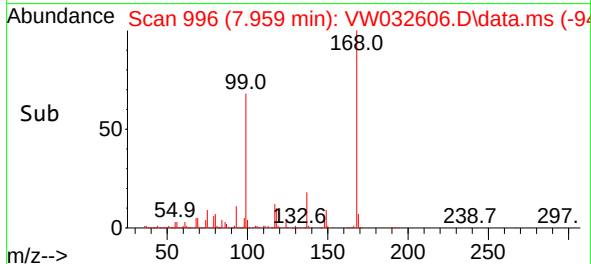
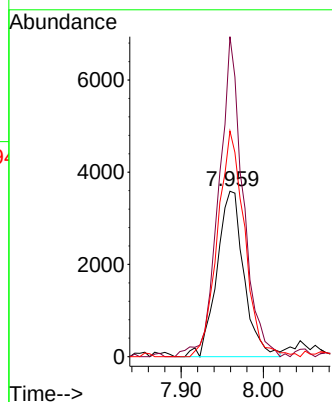
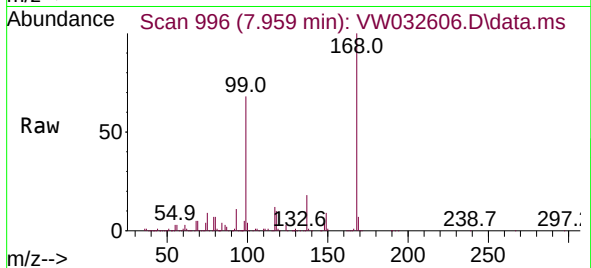




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

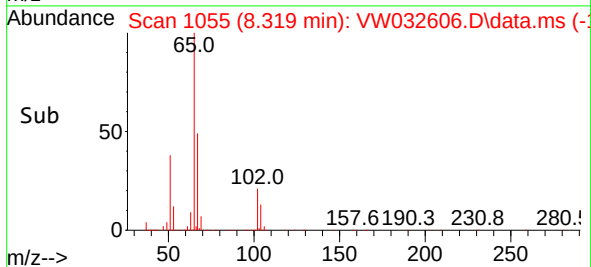
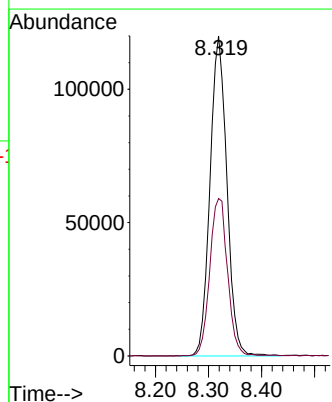
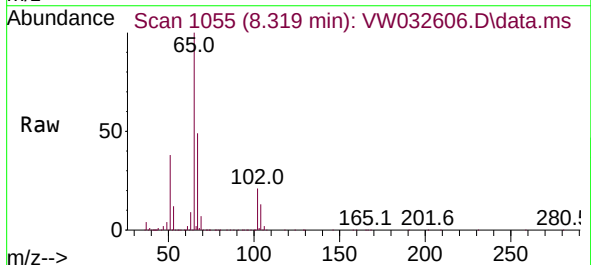
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

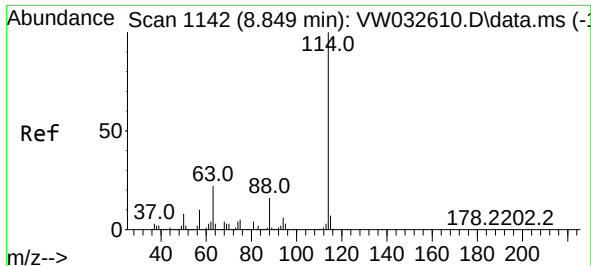
Tgt Ion: 56 Resp: 8170
Ion Ratio Lower Upper
56 100
69 193.5 26.2 39.2#
84 136.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 58.672 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

Tgt Ion: 65 Resp: 264507
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6

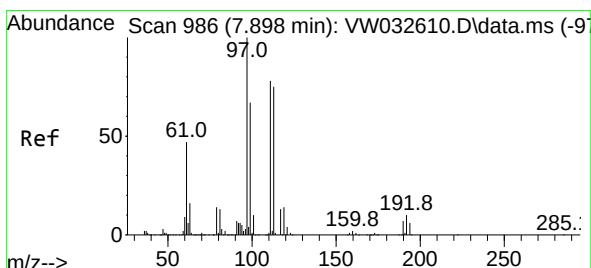
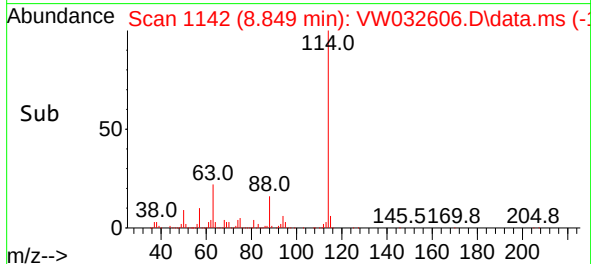
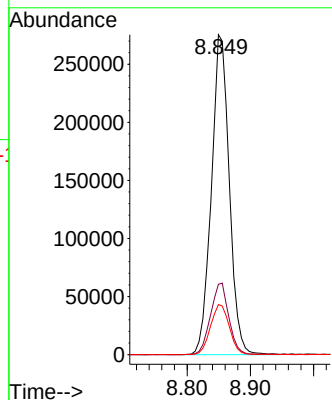
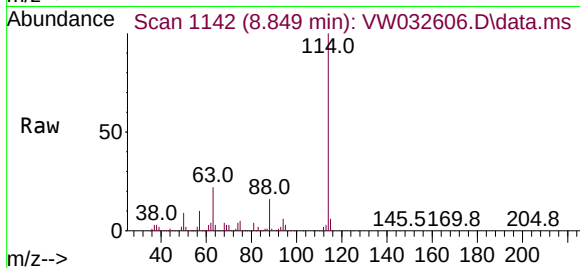




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

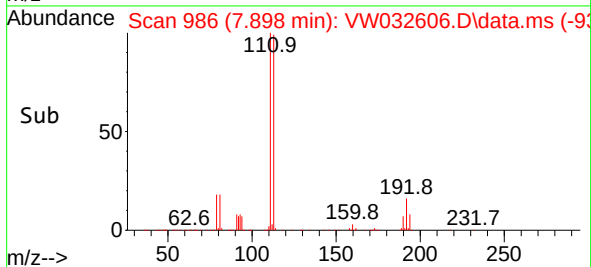
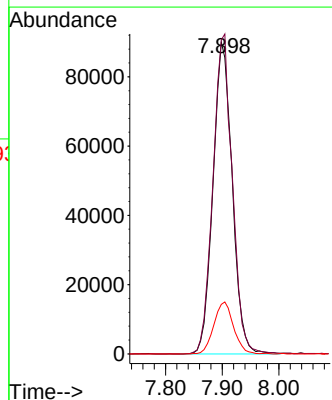
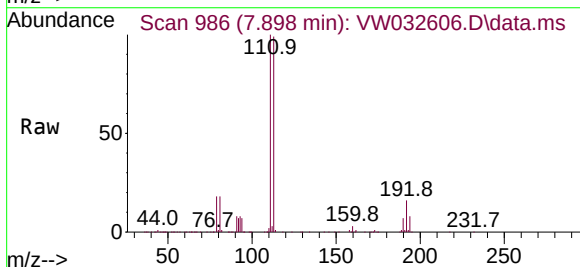
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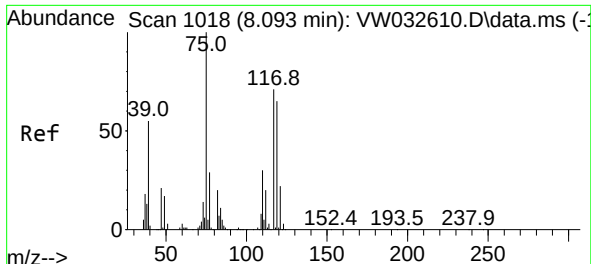
Tgt Ion:114 Resp: 541208
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.6
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.666 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

Tgt Ion:113 Resp: 212127
Ion Ratio Lower Upper
113 100
111 103.2 85.2 127.8
192 17.0 13.3 19.9

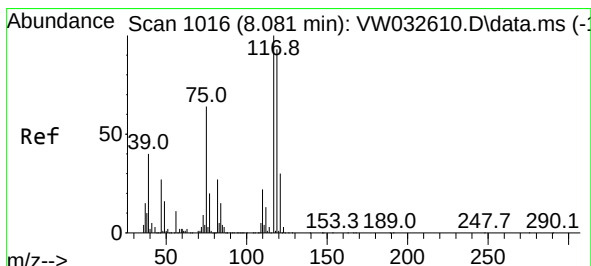
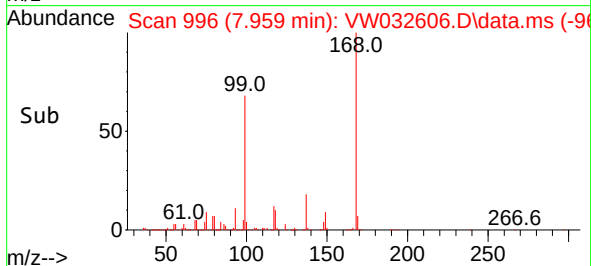
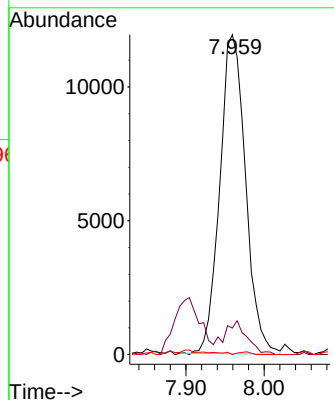
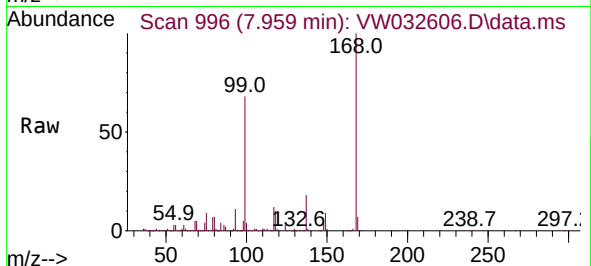




#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

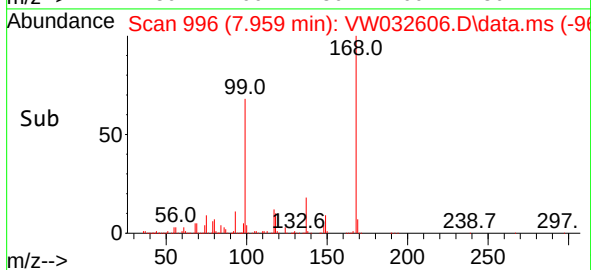
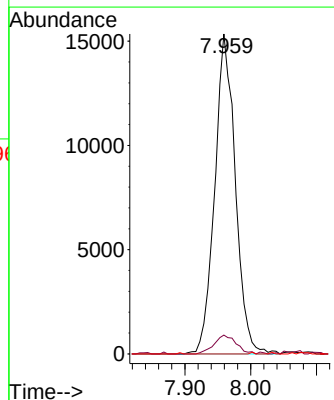
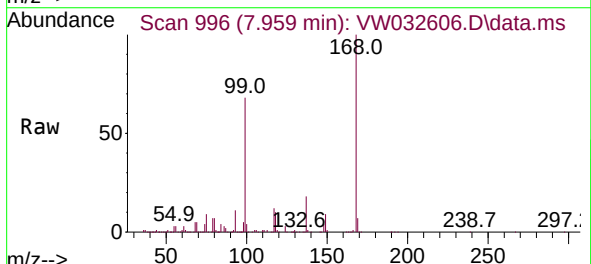
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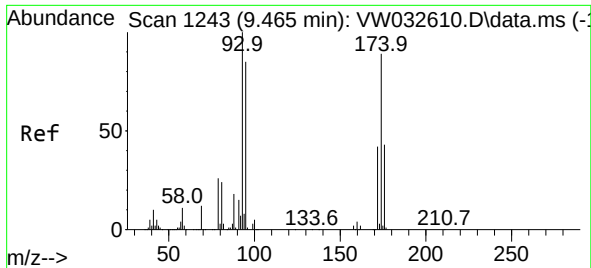
Tgt Ion: 75 Resp: 27195
Ion Ratio Lower Upper
75 100
110 9.4 16.3 48.9#
77 0.4 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

Tgt Ion: 117 Resp: 33281
Ion Ratio Lower Upper
117 100
119 5.9 74.3 111.5#
121 0.0 23.6 35.4#

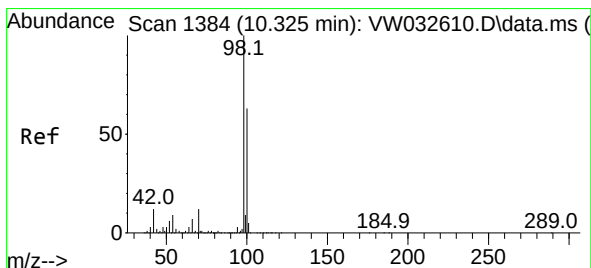
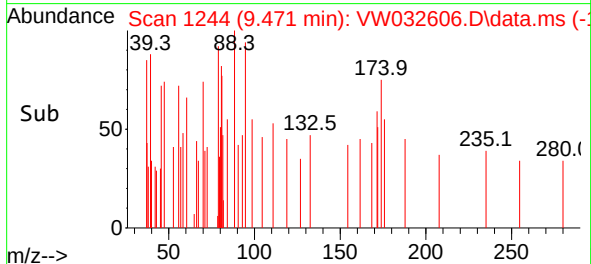
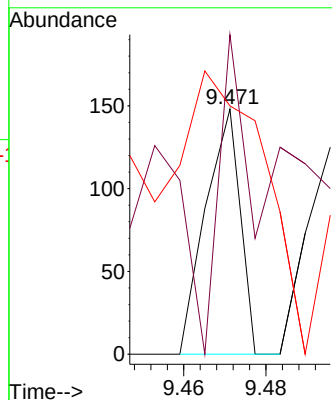
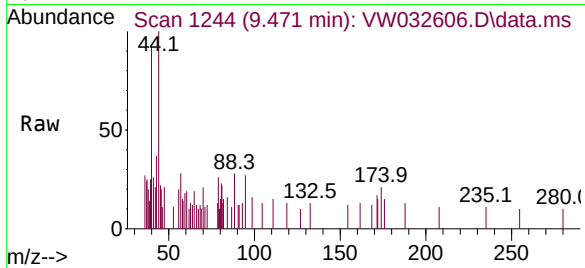




#49
1,4-Dioxane
Concen: 2.558 ug/l
RT: 9.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

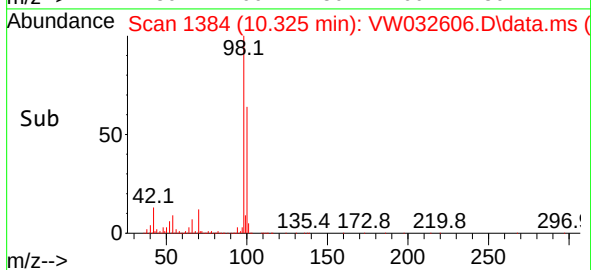
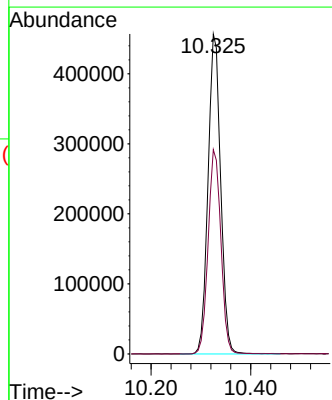
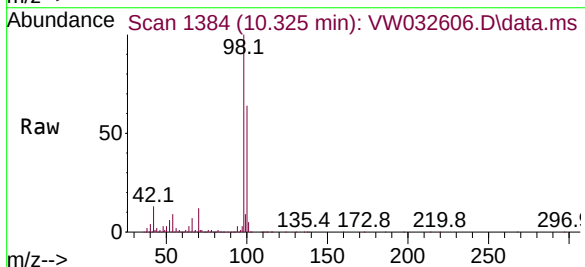
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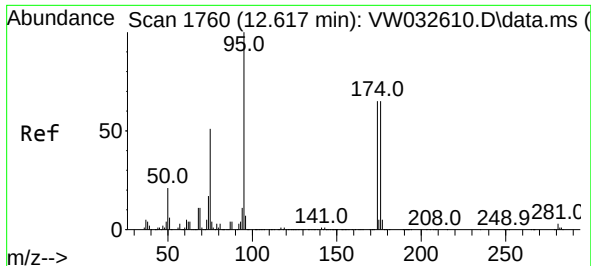
Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 214.0 0.0 0.0#
58 281.4 63.8 95.8#



#50
Toluene-d8
Concen: 57.711 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

Tgt Ion: 98 Resp: 801571
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

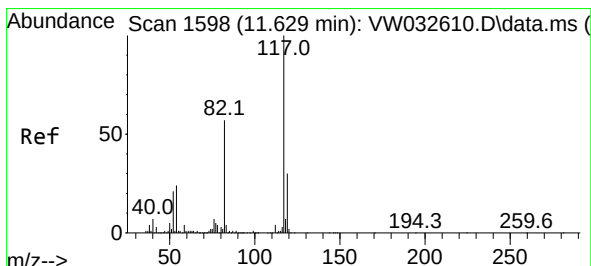
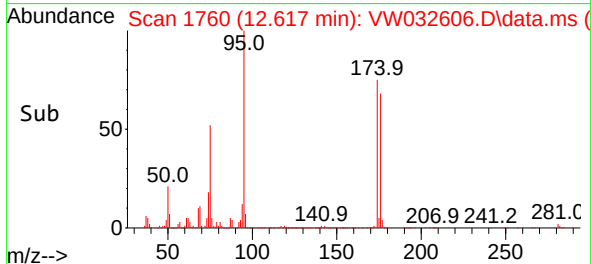
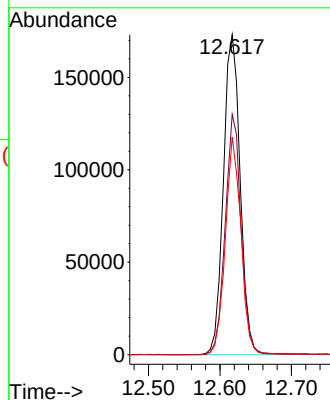
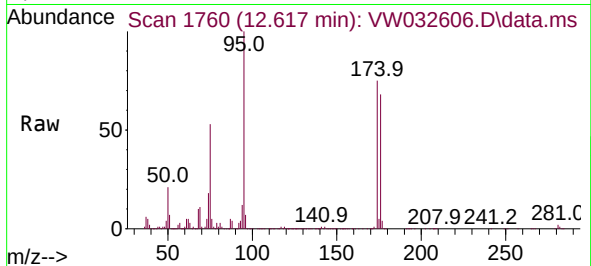




#62
4-Bromofluorobenzene
Concen: 55.206 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

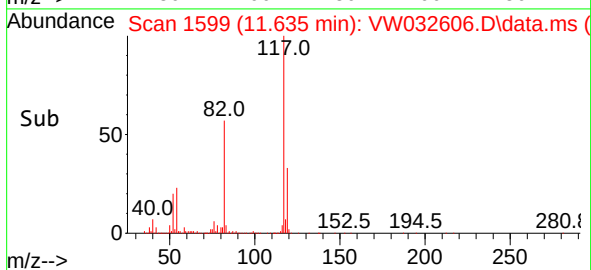
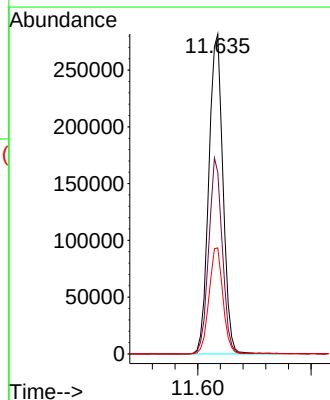
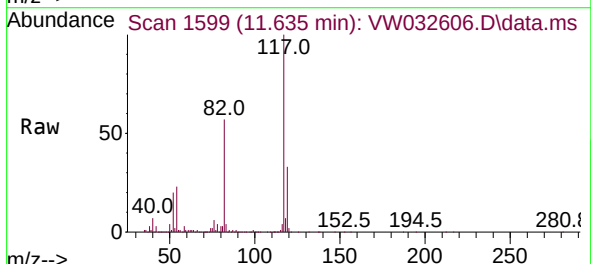
Instrument :
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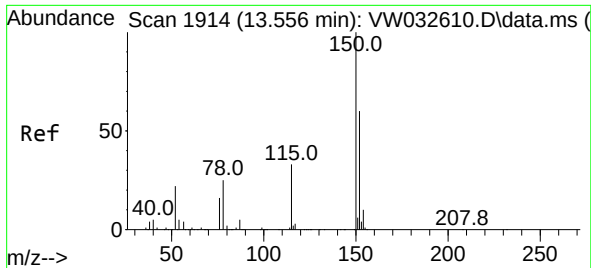
Tgt Ion: 95 Resp: 281521
Ion Ratio Lower Upper
95 100
174 71.5 0.0 135.0
176 63.6 0.0 123.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032606.D
Acq: 10 Dec 2025 10:07

Tgt Ion: 117 Resp: 488360
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 33.1 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032606.D
 Acq: 10 Dec 2025 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.3	33.8	101.3
150	158.7	0.0	369.4

