

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032077.D
 Acq On : 11 Aug 2025 19:09
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Aug 12 04:30:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

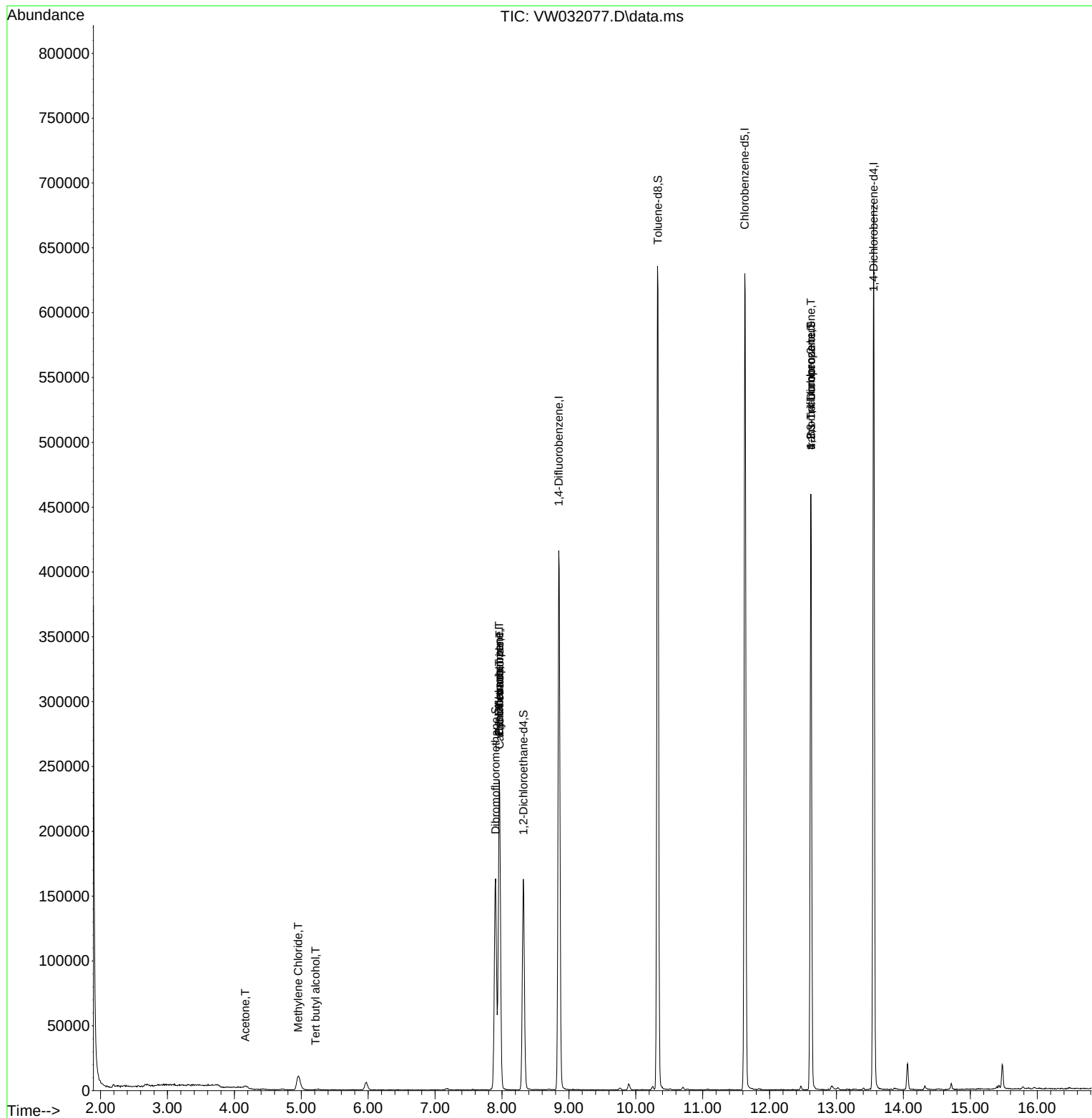
Internal Standards						
1) Pentafluorobenzene	7.959	168	163035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	352749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	350774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	132323	56.118	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 112.240%		
35) Dibromofluoromethane	7.904	113	121474	53.304	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 106.600%		
50) Toluene-d8	10.331	98	436132	51.742	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 103.480%		
62) 4-Bromofluorobenzene	12.617	95	161527	52.002	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 104.000%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.216	59	215	1.408	ug/l #	71
16) Acetone	4.161	43	2620	4.799	ug/l	91
20) Methylene Chloride	4.954	84	10371	4.109	ug/l	98
31) Cyclohexane	7.959	56	4021	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	15409	4.796	ug/l #	50
38) Carbon Tetrachloride	7.965	117	19174	6.185	ug/l #	20
76) 1,2,3-Trichloropropane	12.617	75	82277	37.079	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	82277	95.994	ug/l #	9

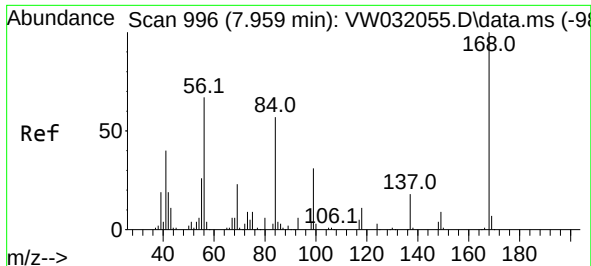
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
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Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Aug 12 04:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

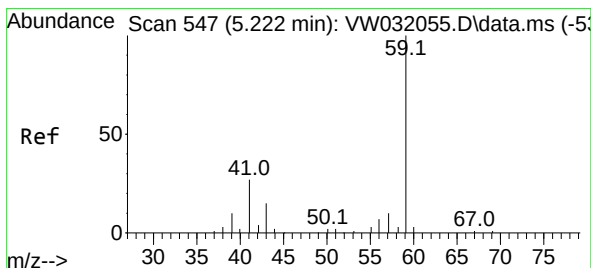
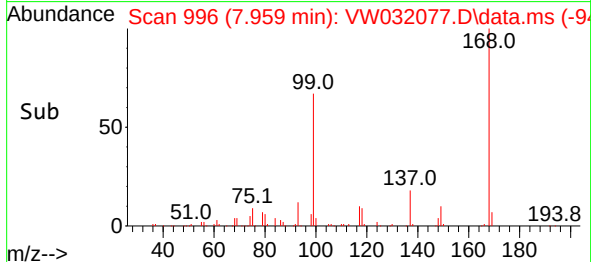
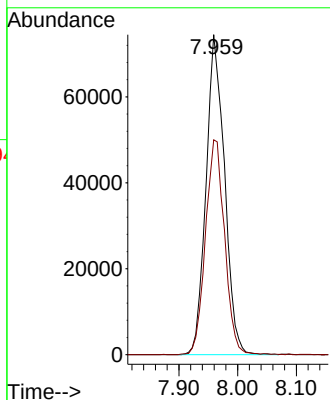
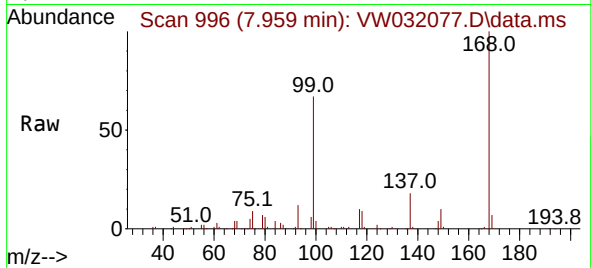




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

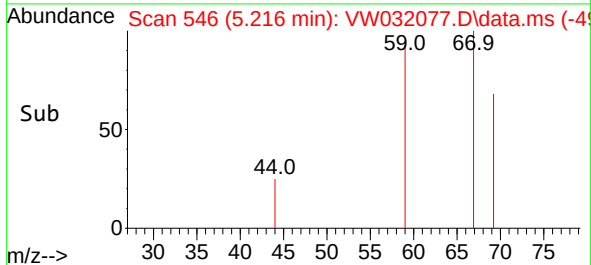
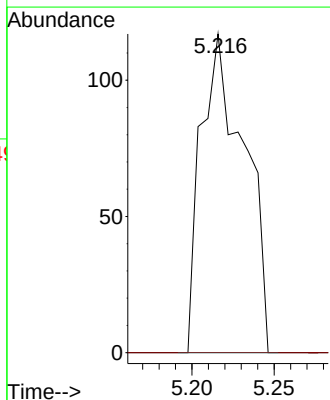
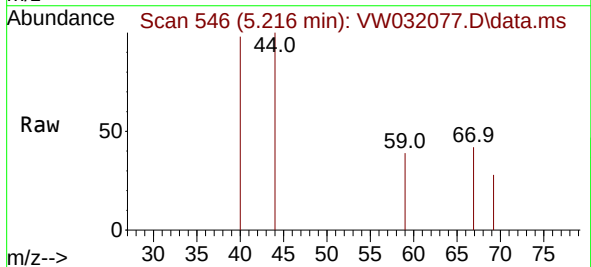
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

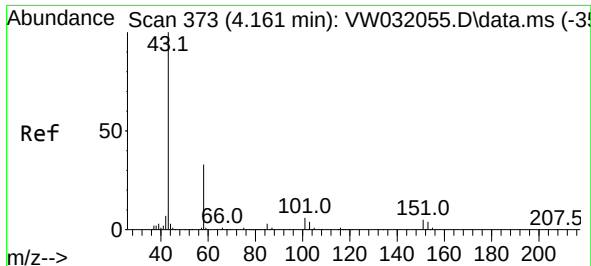
Tgt Ion:168 Resp: 163035
Ion Ratio Lower Upper
168 100
99 67.2 56.0 84.0



#11
Tert butyl alcohol
Concen: 1.408 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion: 59 Resp: 215
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

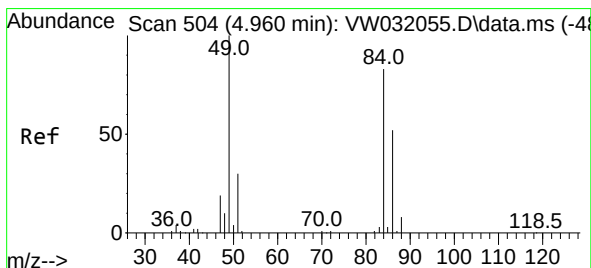
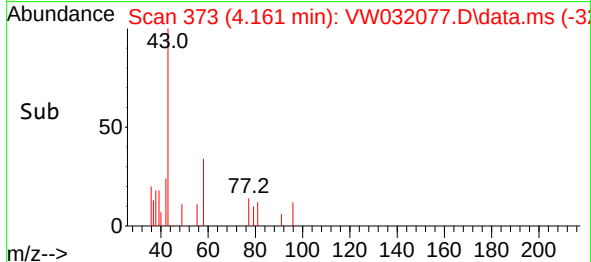
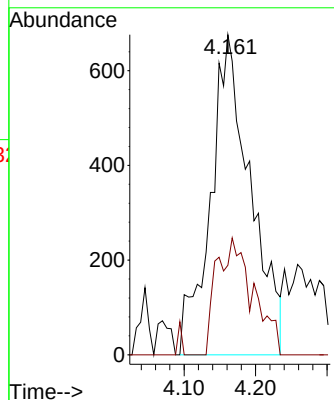
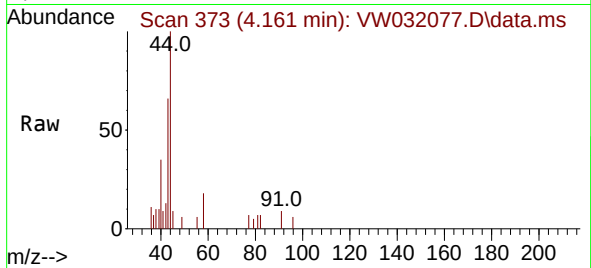




#16
Acetone
Concen: 4.799 ug/l
RT: 4.161 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

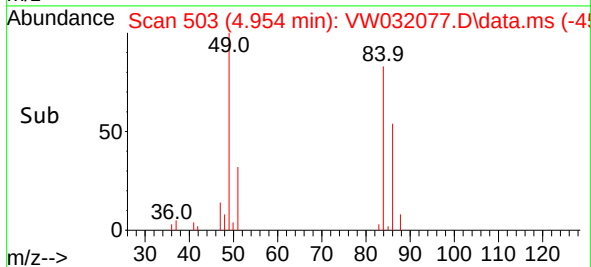
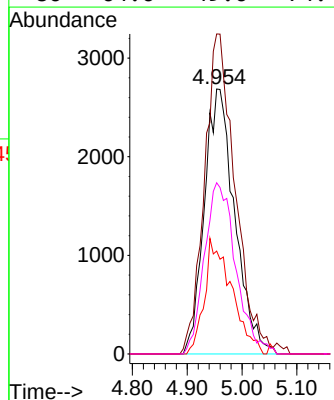
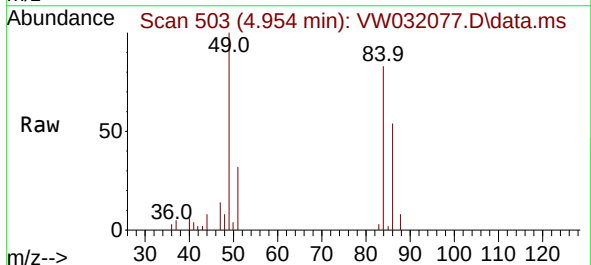
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

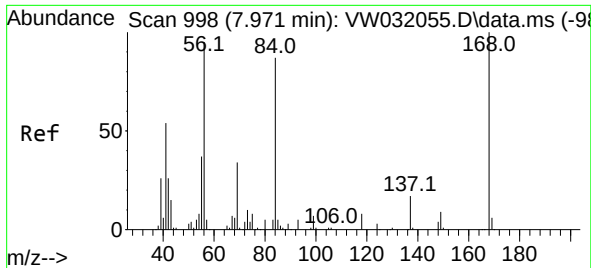
Tgt Ion: 43 Resp: 2620
Ion Ratio Lower Upper
43 100
58 28.0 26.6 39.8



#20
Methylene Chloride
Concen: 4.109 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion: 84 Resp: 10371
Ion Ratio Lower Upper
84 100
49 120.8 95.9 143.9
51 38.8 28.6 43.0
86 64.6 49.6 74.4

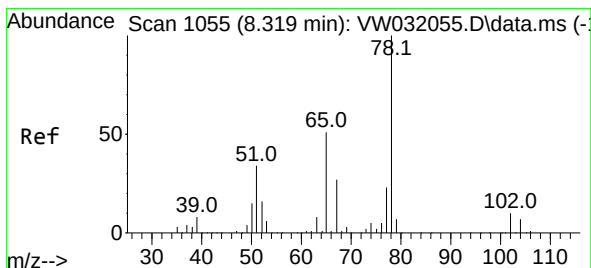
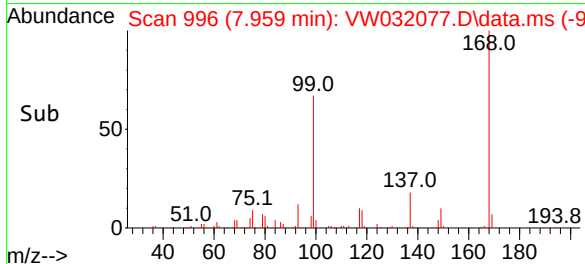
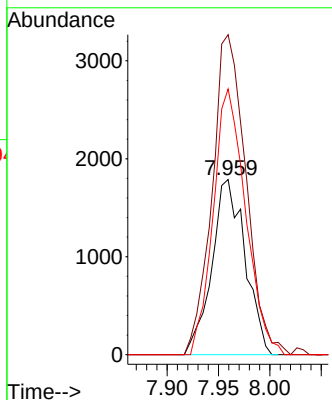
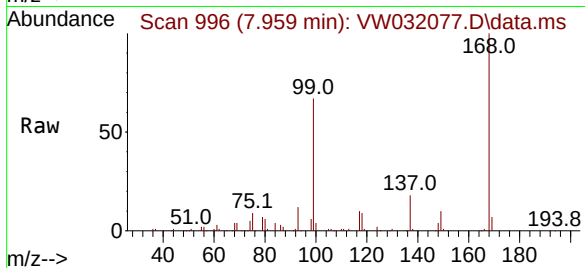




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

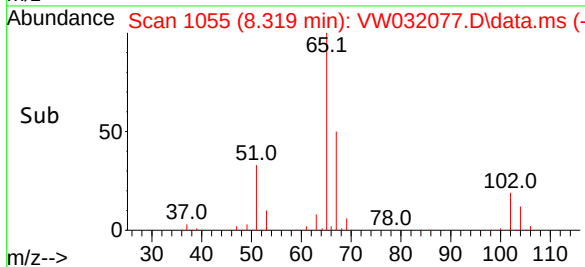
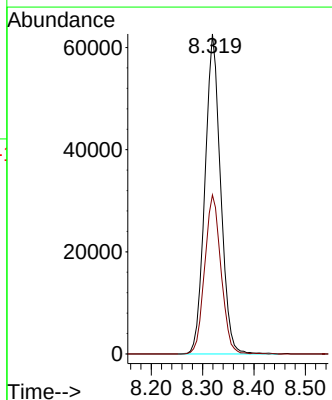
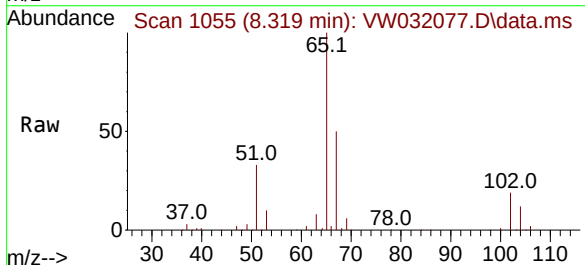
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

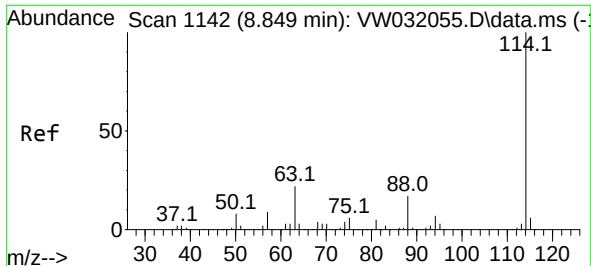
Tgt Ion: 56 Resp: 4021
Ion Ratio Lower Upper
56 100
69 182.7 28.6 42.8#
84 151.7 73.0 109.4#



#33
1,2-Dichloroethane-d4
Concen: 56.118 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion: 65 Resp: 132323
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

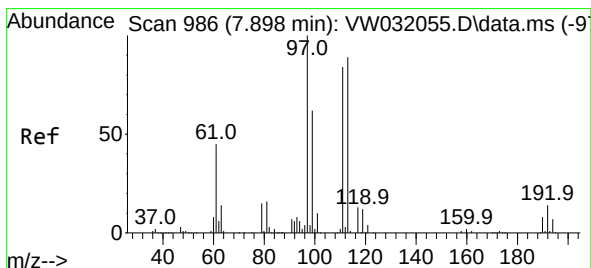
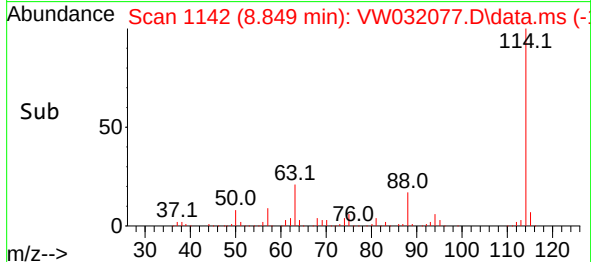
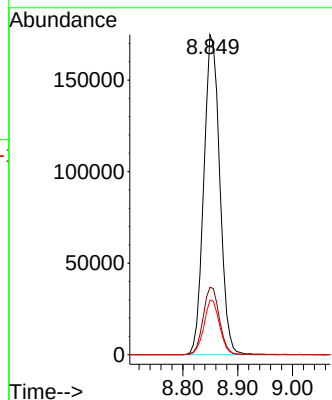
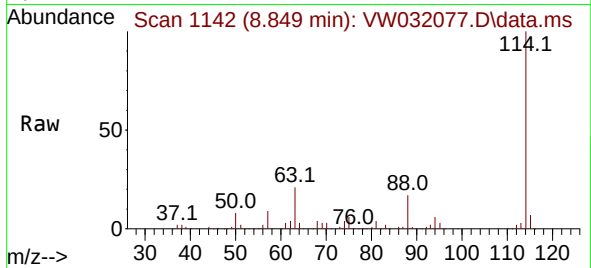




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

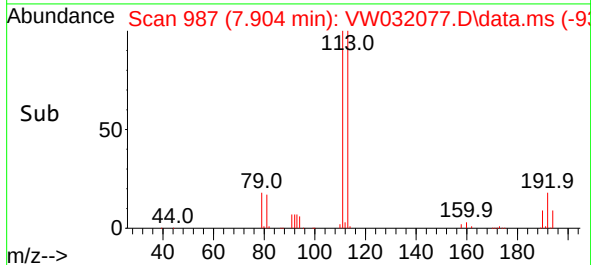
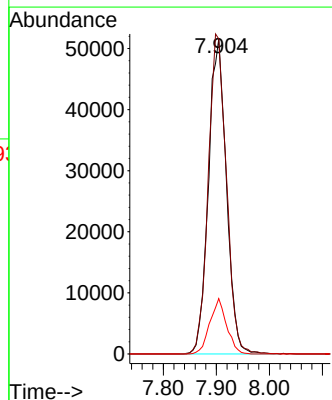
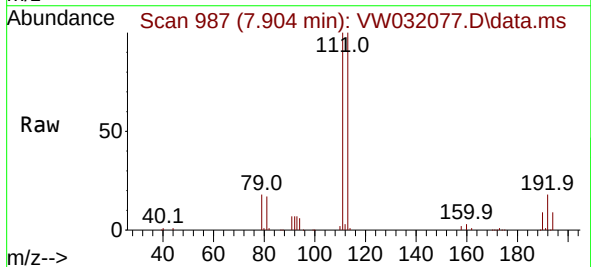
Instrument :
MSVOA_W
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VIBLK

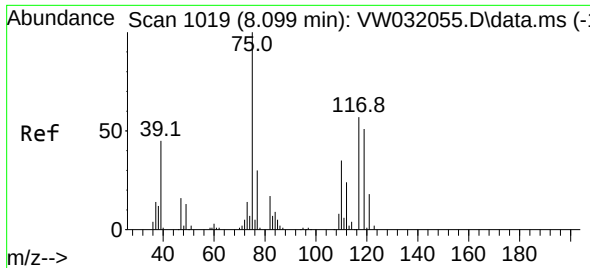
Tgt Ion:114 Resp: 352749
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.0
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 53.304 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion:113 Resp: 121474
Ion Ratio Lower Upper
113 100
111 102.1 80.1 120.1
192 16.4 13.1 19.7

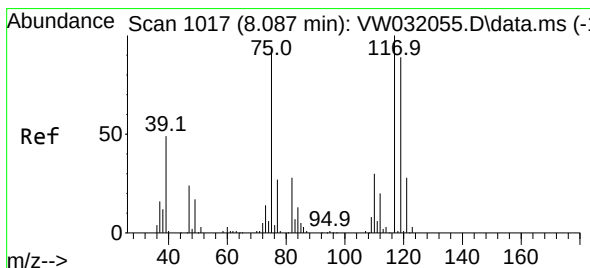
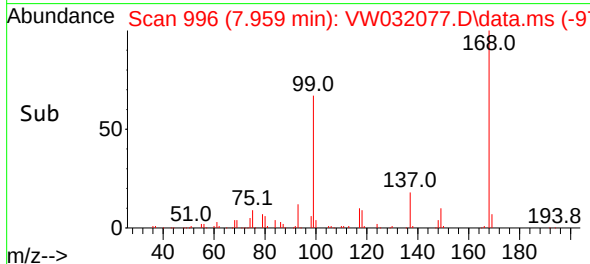
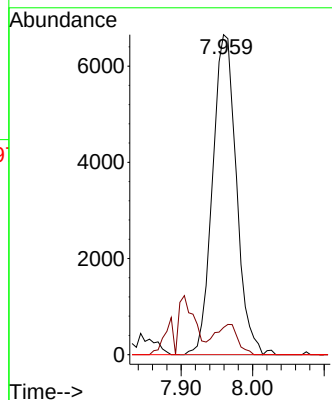
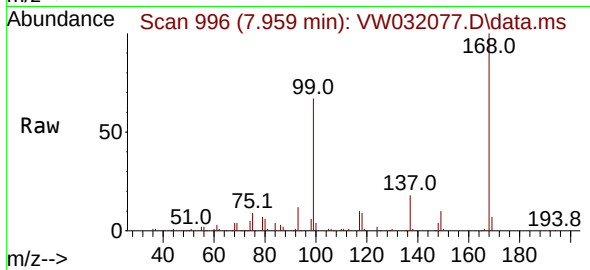




#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032077.D
 Acq: 11 Aug 2025 19:09

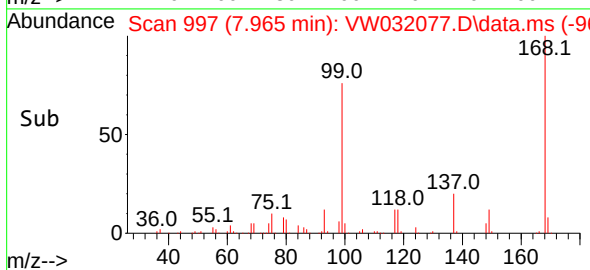
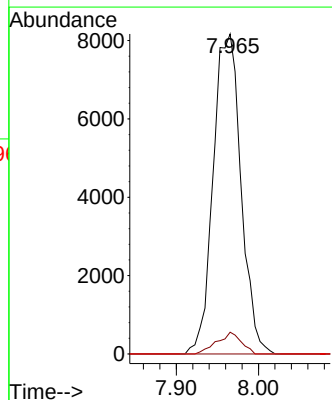
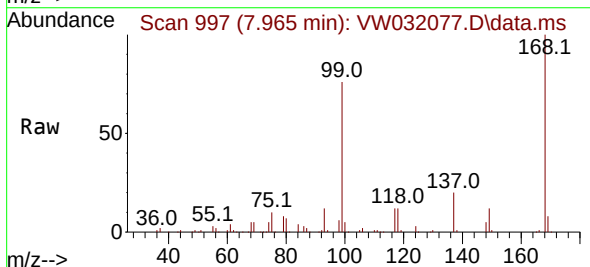
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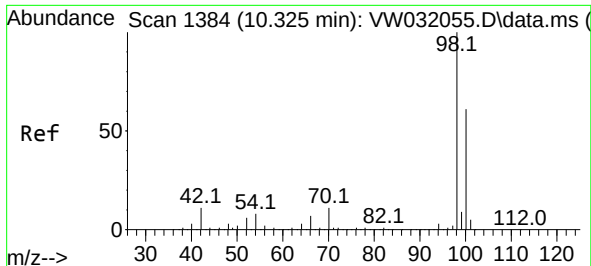
Tgt Ion: 75 Resp: 15409
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.4 52.2#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.185 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.122 min
 Lab File: VW032077.D
 Acq: 11 Aug 2025 19:09

Tgt Ion: 117 Resp: 19174
 Ion Ratio Lower Upper
 117 100
 119 6.8 71.4 107.2#
 121 0.0 22.3 33.5#

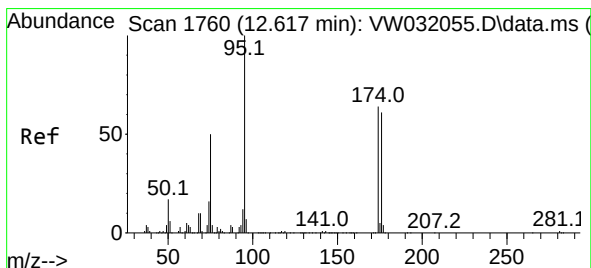
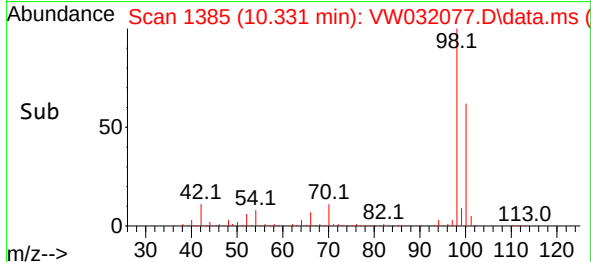
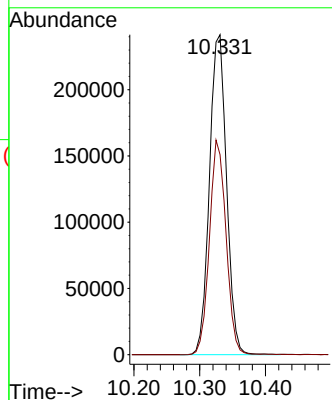
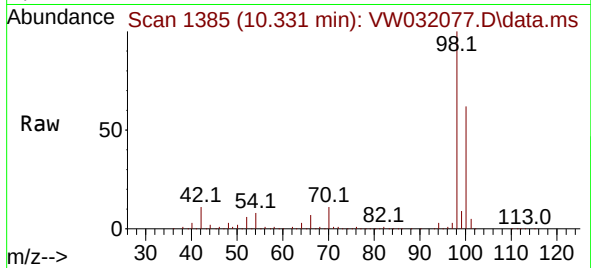




#50
Toluene-d8
Concen: 51.742 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

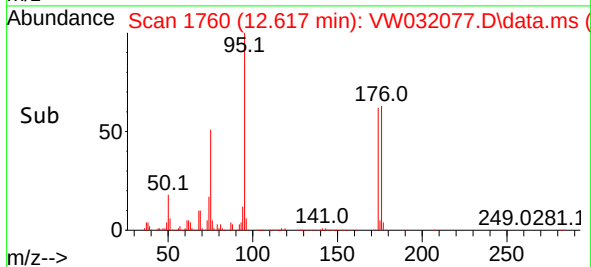
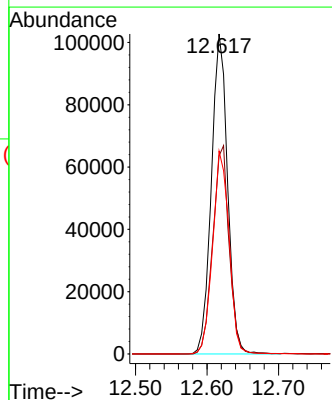
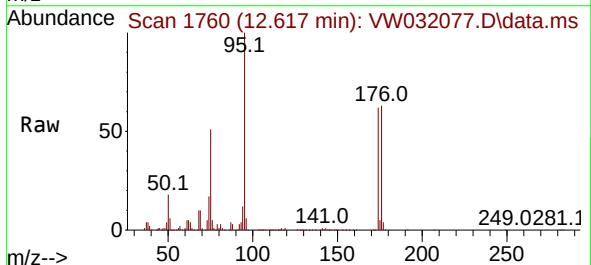
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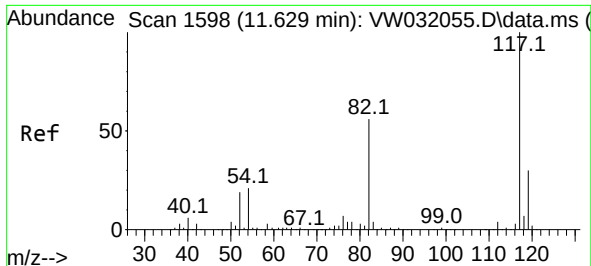
Tgt Ion: 98 Resp: 436132
Ion Ratio Lower Upper
98 100
100 65.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 52.002 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion: 95 Resp: 161527
Ion Ratio Lower Upper
95 100
174 66.0 0.0 129.0
176 64.5 0.0 124.6

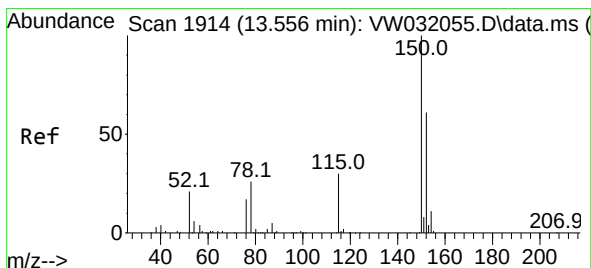
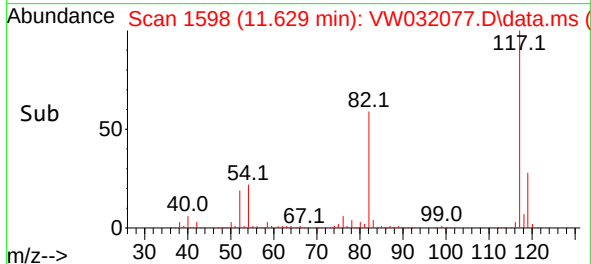
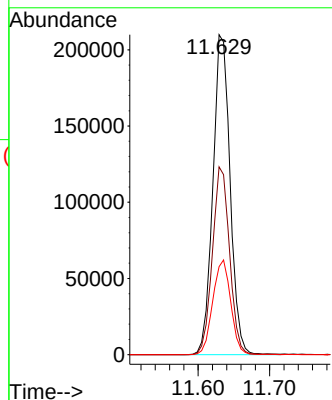
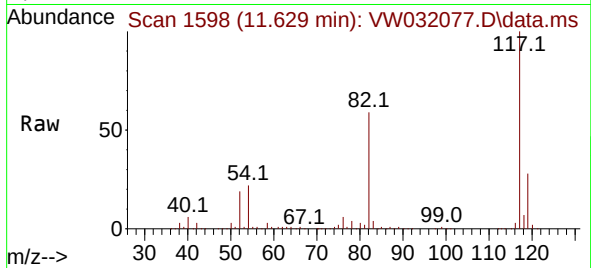




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

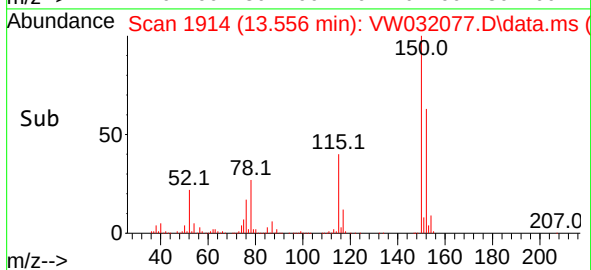
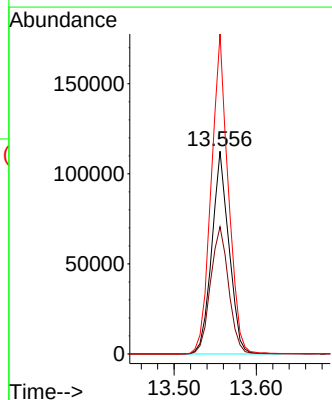
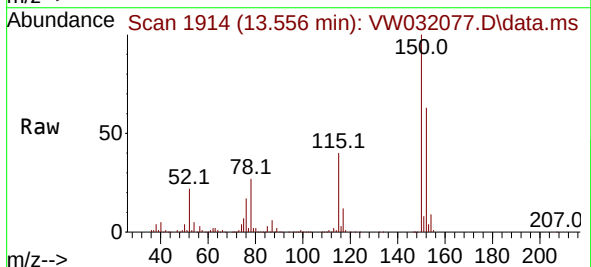
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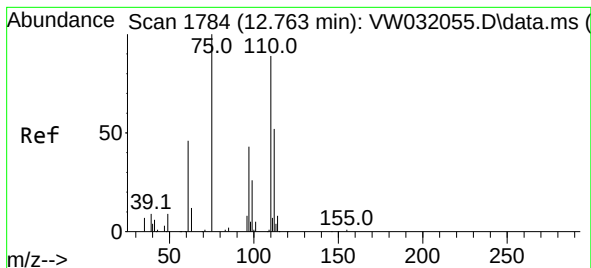
Tgt Ion:117 Resp: 350774
Ion Ratio Lower Upper
117 100
82 58.7 45.0 67.4
119 27.5 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion:152 Resp: 163492
Ion Ratio Lower Upper
152 100
115 66.3 32.6 97.8
150 157.0 0.0 359.4





#76

1,2,3-Trichloropropane

Concen: 37.079 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW032077.D

Acq: 11 Aug 2025 19:09

Instrument :

MSVOA_W

ClientSampleId :

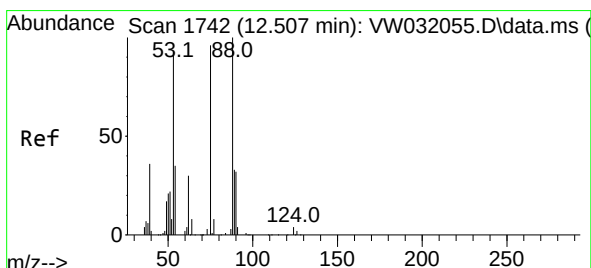
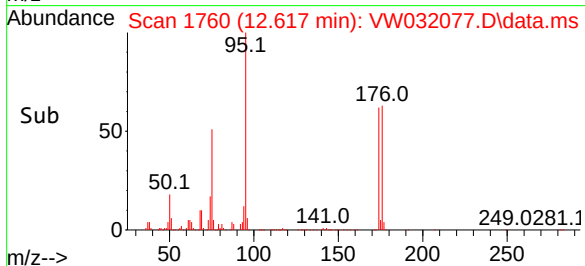
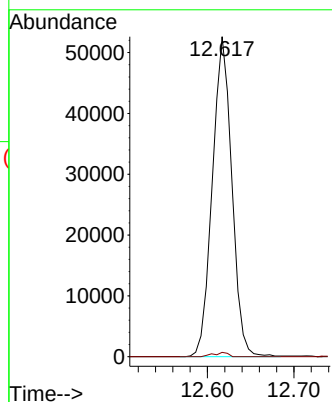
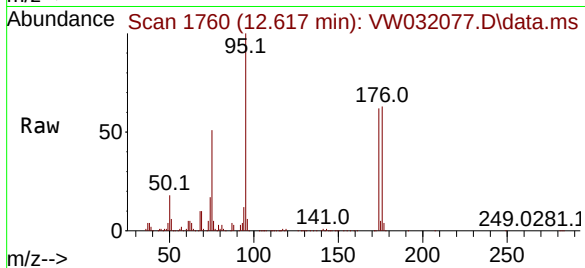
VIBLK

Tgt Ion: 75 Resp: 82277

Ion Ratio Lower Upper

75 100

77 1.0 123.5 370.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.994 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.110 min

Lab File: VW032077.D

Acq: 11 Aug 2025 19:09

Tgt Ion: 75 Resp: 82277

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.1 37.3 55.9#

