

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031988.D
 Acq On : 04 Aug 2025 09:54
 Operator : SY/MD
 Sample : VW0804SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBL01

Quant Time: Aug 05 01:13:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

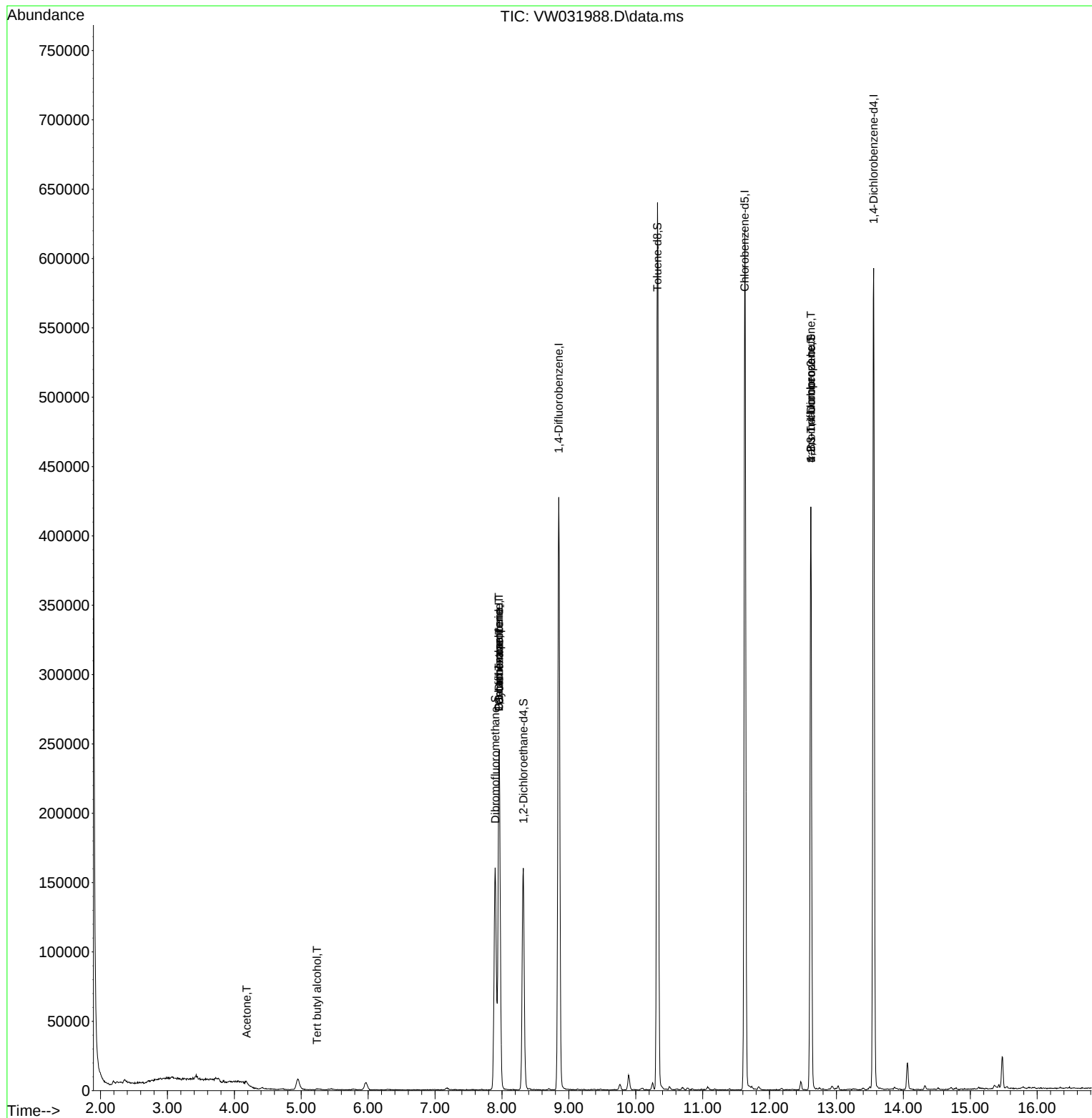
Internal Standards						
1) Pentafluorobenzene	7.953	168	168222	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	365101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	334575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	154504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	128662	50.559	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 101.120%		
35) Dibromofluoromethane	7.898	113	119254	48.069	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 96.140%		
50) Toluene-d8	10.325	98	425728	45.341	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 90.680%		
62) 4-Bromofluorobenzene	12.617	95	149946	41.590	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 83.180%		
Target Compounds						
11) Tert butyl alcohol	5.234	59	181	1.210	ug/l	Qvalue 98
13) Acrolein	3.948	56	273	Below Cal	#	51
16) Acetone	4.186	43	6275	10.391	ug/l #	83
20) Methylene Chloride	4.942	84	6544	Below Cal		94
31) Cyclohexane	7.959	56	4309	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.953	75	15928	4.181	ug/l #	50
38) Carbon Tetrachloride	7.953	117	20319	5.557	ug/l #	19
76) 1,2,3-Trichloropropane	12.617	75	79834	37.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	79834	86.404	ug/l #	8

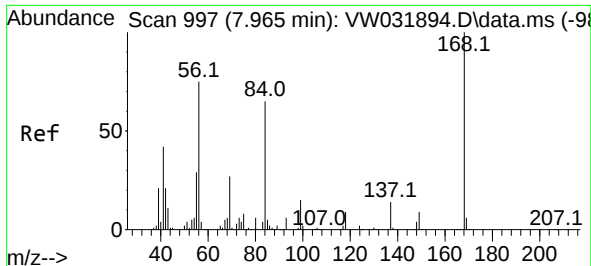
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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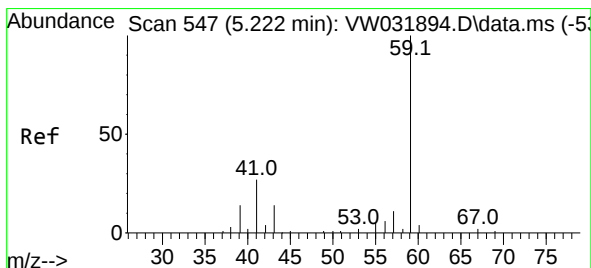
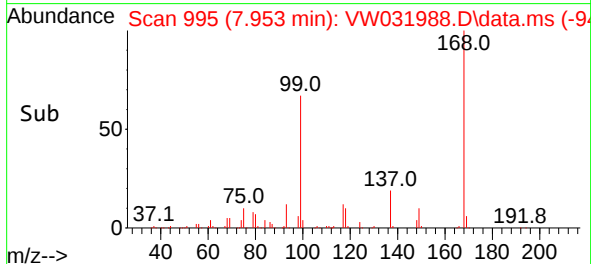
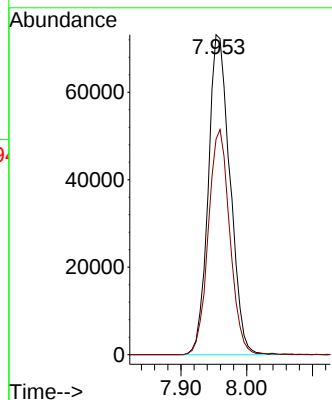
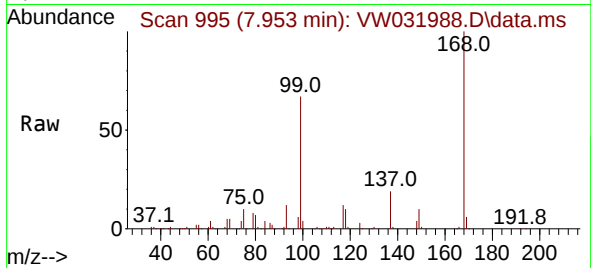




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.012 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

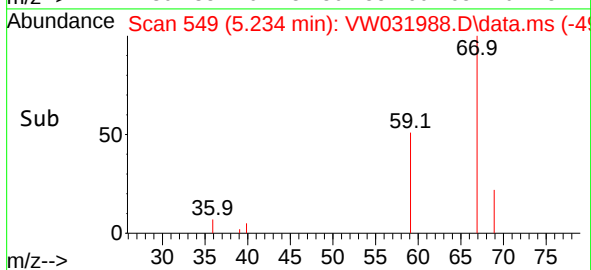
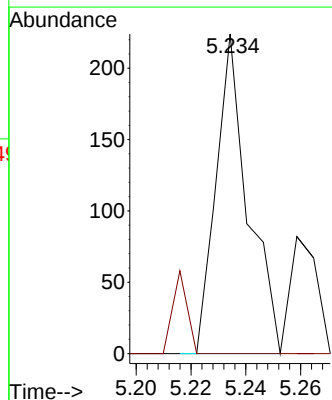
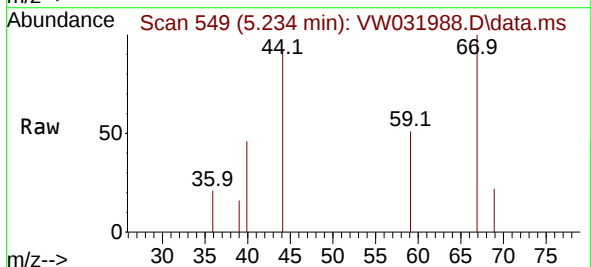
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBL01

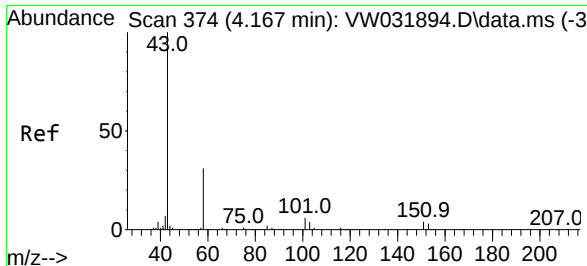
Tgt Ion:168 Resp: 168222
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.2



#11
Tert butyl alcohol
Concen: 1.210 ug/l
RT: 5.234 min Scan# 549
Delta R.T. 0.012 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8

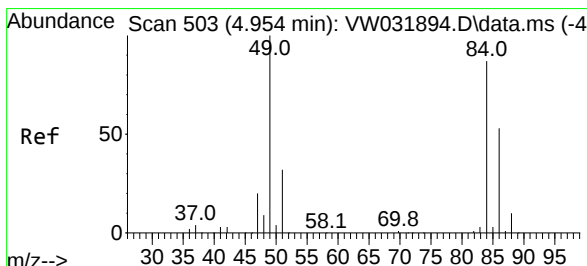
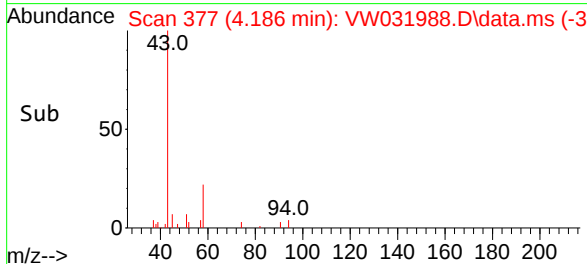
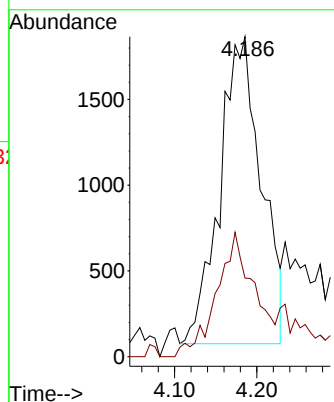
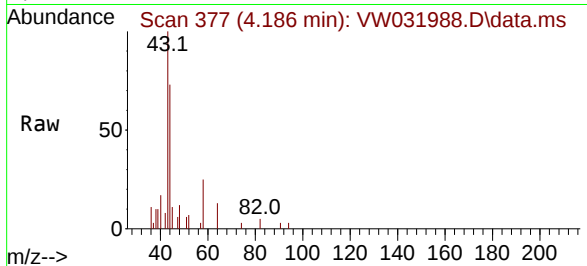




#16
Acetone
Concen: 10.391 ug/l
RT: 4.186 min Scan# 31
Delta R.T. 0.018 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

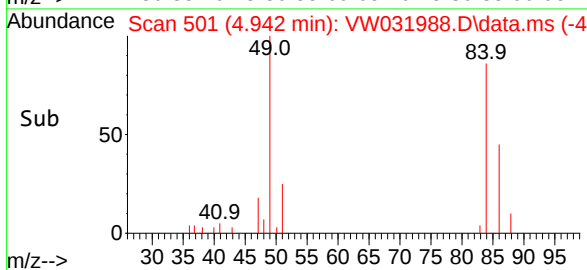
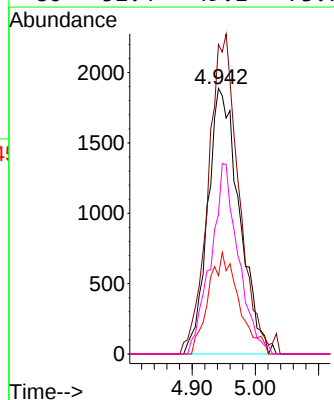
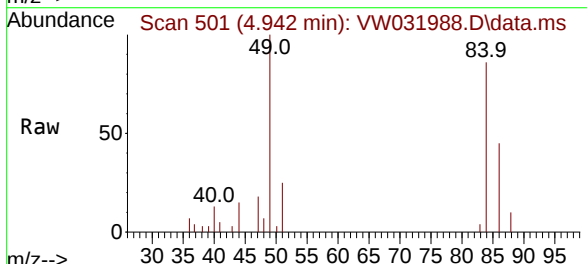
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBL01

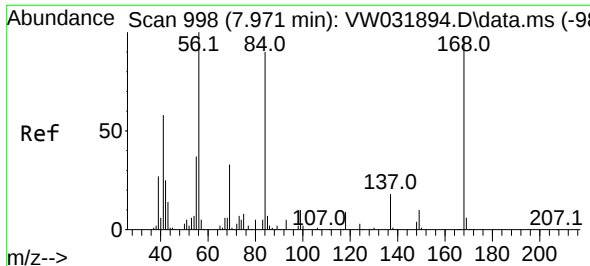
Tgt Ion: 43 Resp: 6275
Ion Ratio Lower Upper
43 100
58 22.5 25.5 38.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.942 min Scan# 501
Delta R.T. -0.012 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion: 84 Resp: 6544
Ion Ratio Lower Upper
84 100
49 116.5 91.9 137.9
51 29.5 29.0 43.6
86 52.4 49.1 73.7

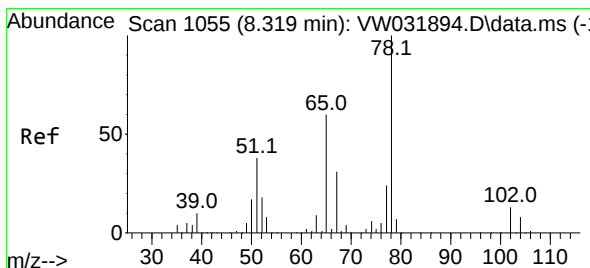
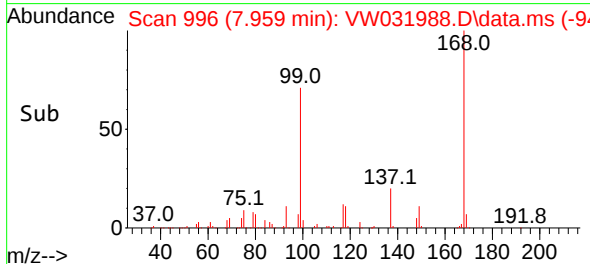
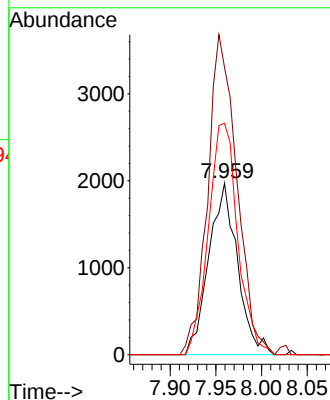
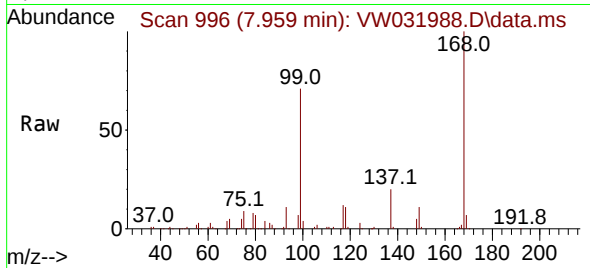




#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

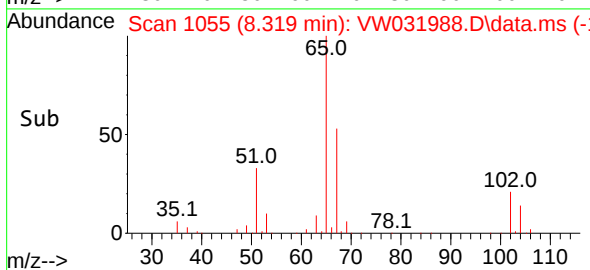
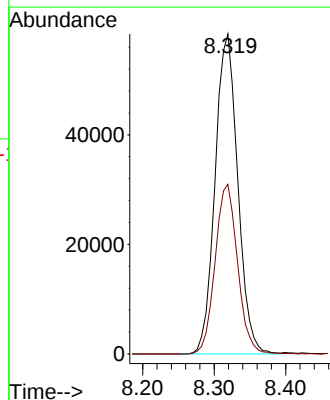
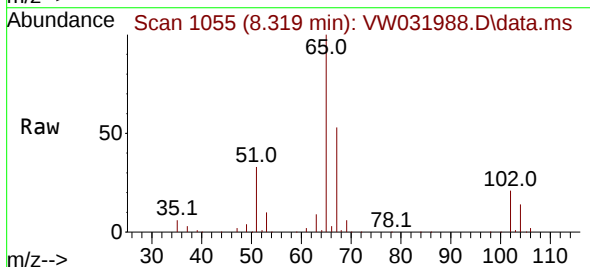
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBL01

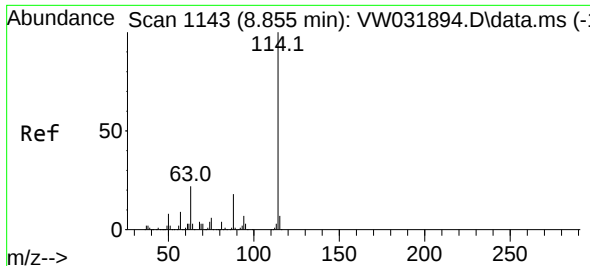
Tgt Ion: 56 Resp: 4309
Ion Ratio Lower Upper
56 100
69 167.4 26.7 40.1#
84 134.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 50.559 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion: 65 Resp: 128662
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW031988.D

Acq: 04 Aug 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBL01

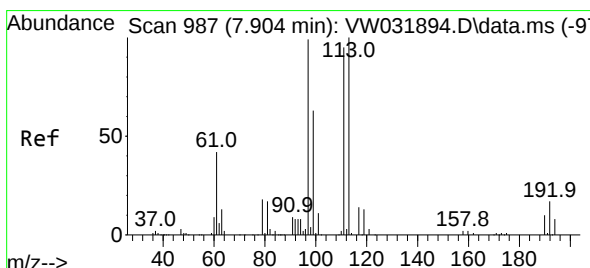
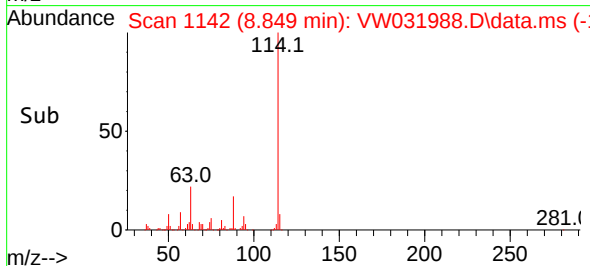
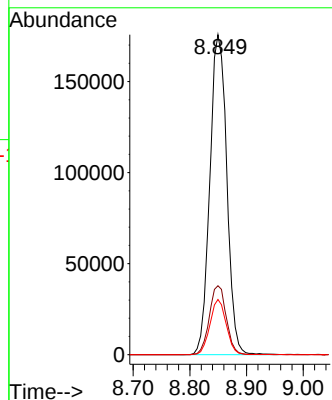
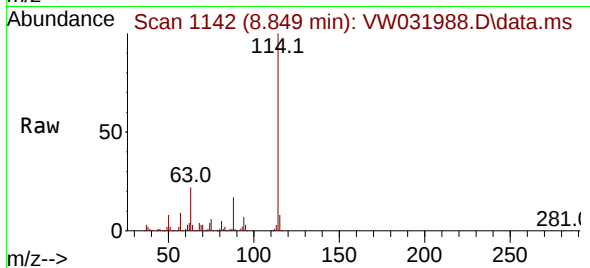
Tgt Ion:114 Resp: 365101

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.2

88 17.3 0.0 35.6



#35

Dibromofluoromethane

Concen: 48.069 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031988.D

Acq: 04 Aug 2025 09:54

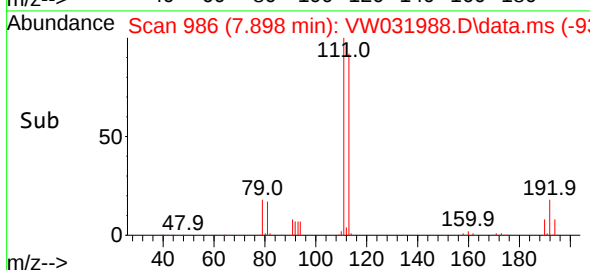
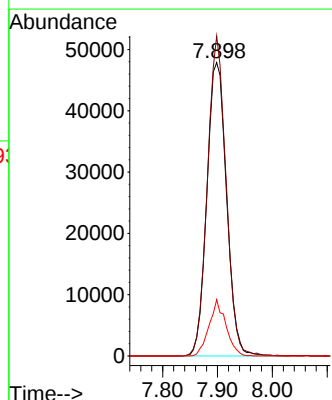
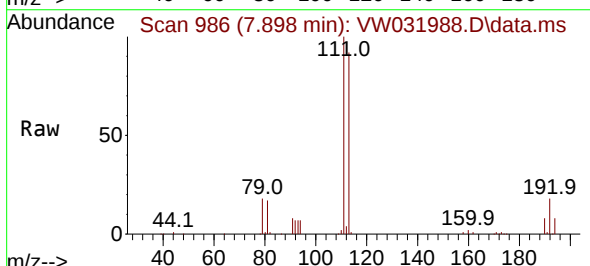
Tgt Ion:113 Resp: 119254

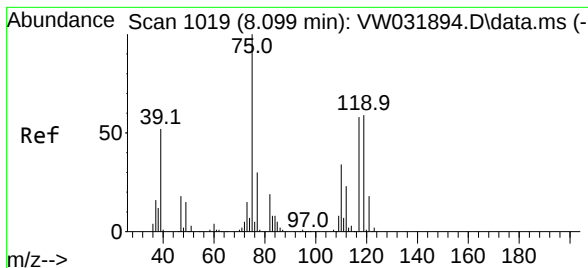
Ion Ratio Lower Upper

113 100

111 103.2 79.9 119.9

192 16.5 12.6 19.0





#36

1,1-Dichloropropene

Concen: 4.181 ug/l

RT: 7.953 min Scan# 995

Delta R.T. -0.146 min

Lab File: VW031988.D

Acq: 04 Aug 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBL01

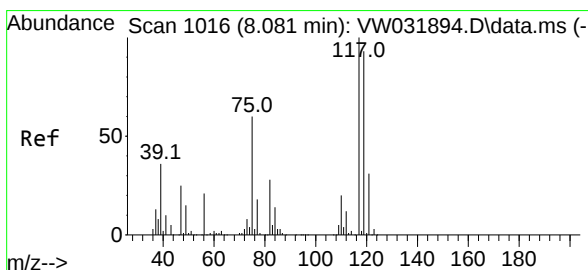
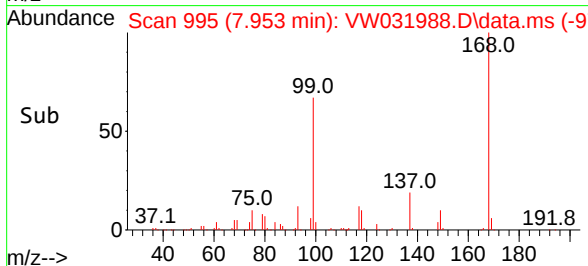
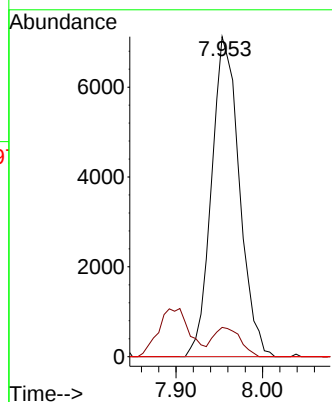
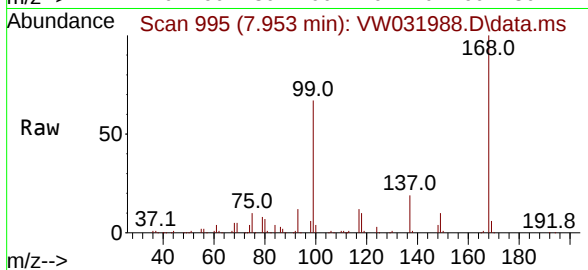
Tgt Ion: 75 Resp: 15928

Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.557 ug/l

RT: 7.953 min Scan# 995

Delta R.T. -0.128 min

Lab File: VW031988.D

Acq: 04 Aug 2025 09:54

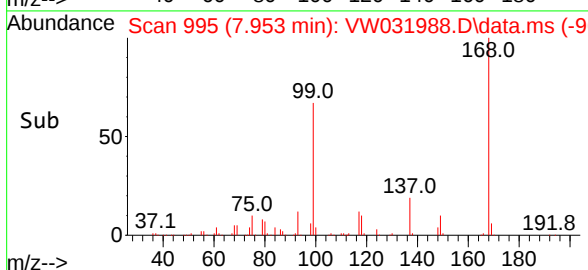
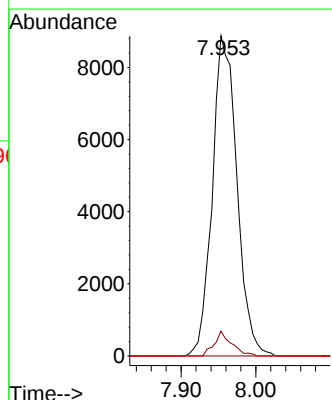
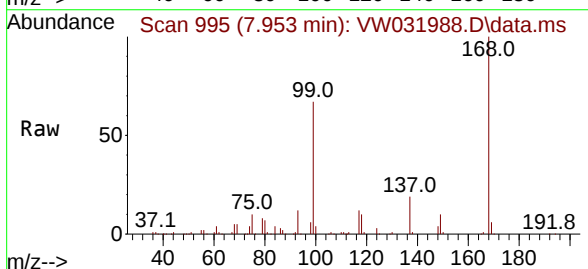
Tgt Ion: 117 Resp: 20319

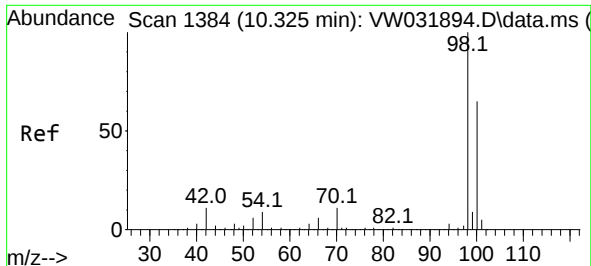
Ion Ratio Lower Upper

117 100

119 7.7 74.3 111.5#

121 0.0 24.6 37.0#

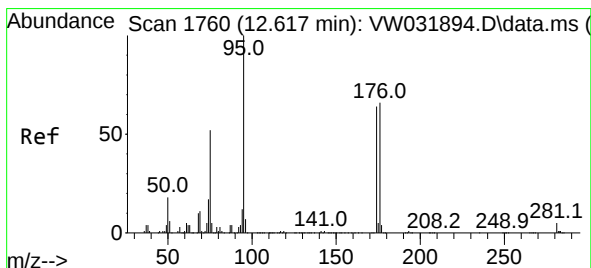
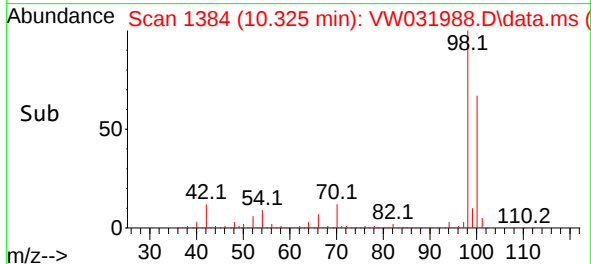
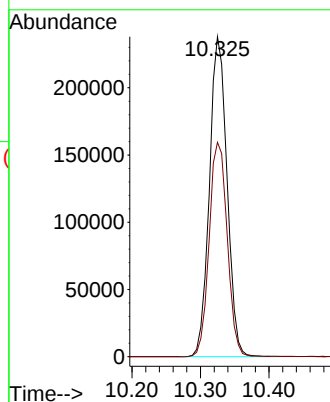
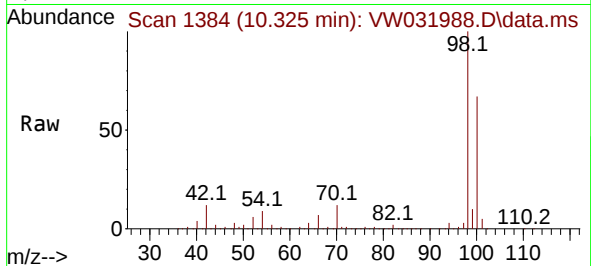




#50
Toluene-d8
Concen: 45.341 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

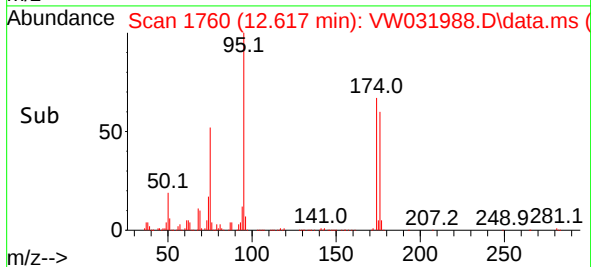
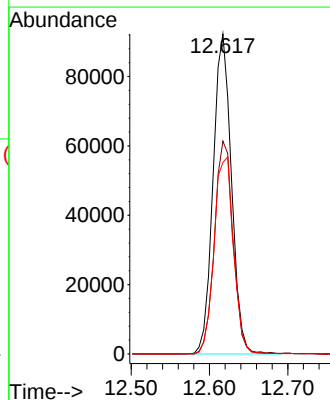
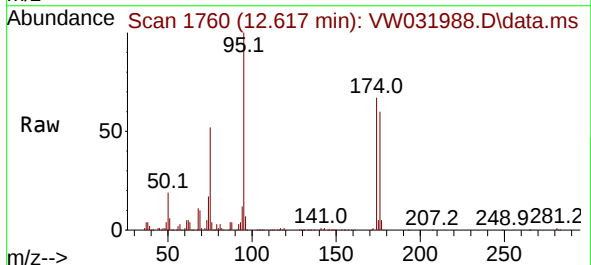
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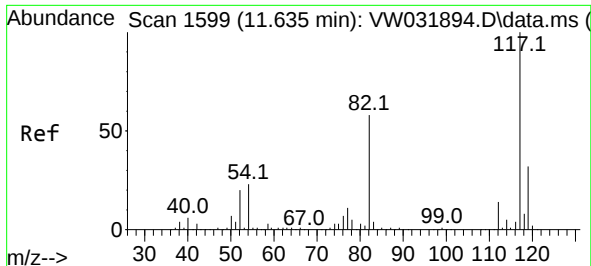
Tgt Ion: 98 Resp: 425728
Ion Ratio Lower Upper
98 100
100 68.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.590 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion: 95 Resp: 149946
Ion Ratio Lower Upper
95 100
174 68.0 0.0 129.8
176 65.2 0.0 130.4

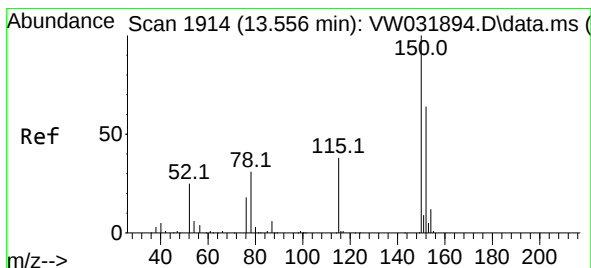
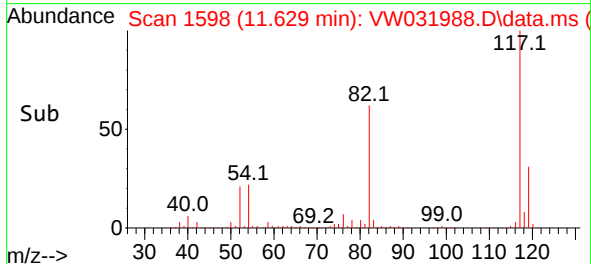
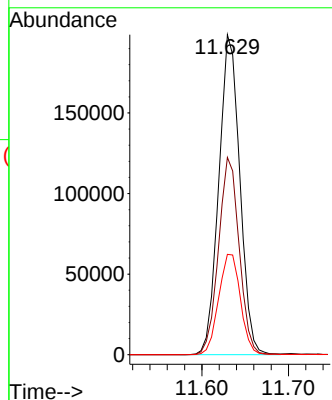
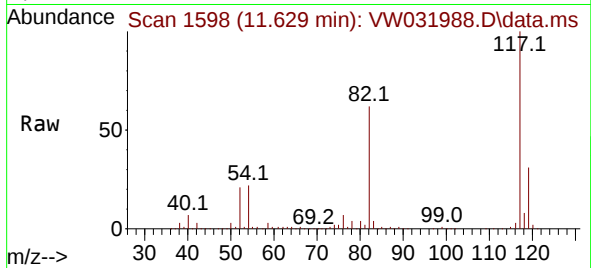




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

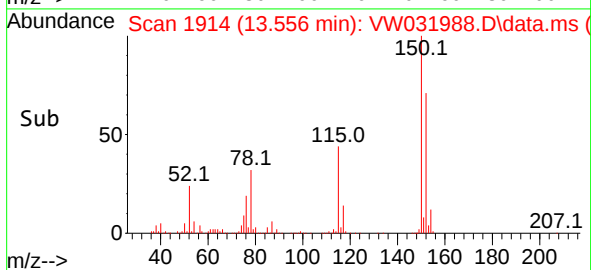
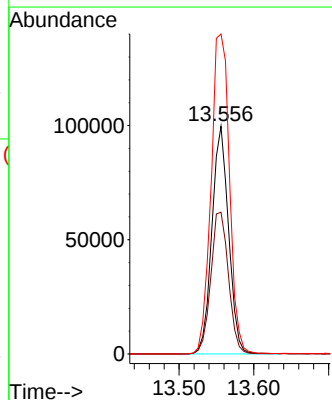
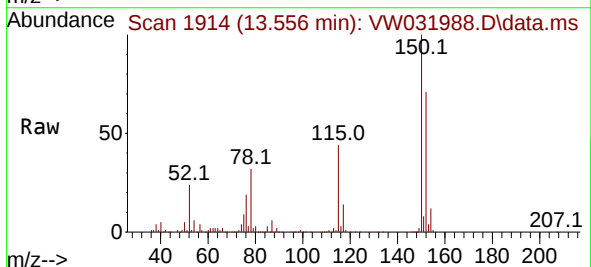
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBL01

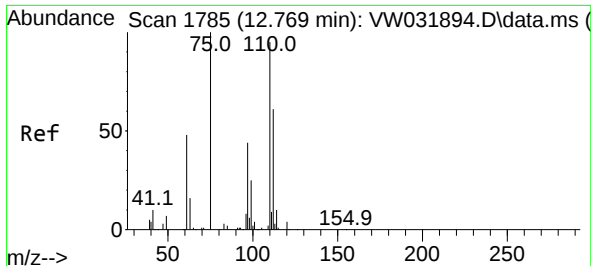
Tgt Ion:117 Resp: 334575
Ion Ratio Lower Upper
117 100
82 61.6 46.5 69.7
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion:152 Resp: 154504
Ion Ratio Lower Upper
152 100
115 66.1 33.4 100.1
150 155.3 0.0 352.2

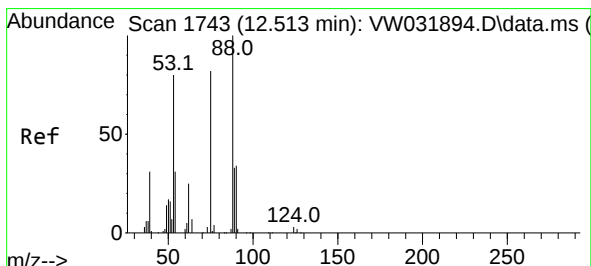
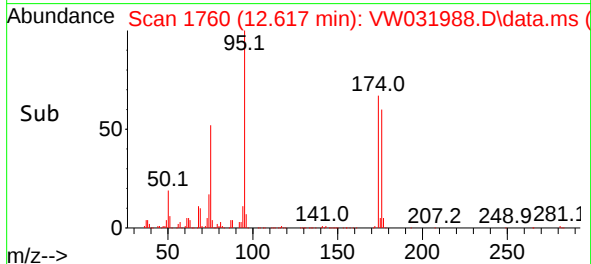
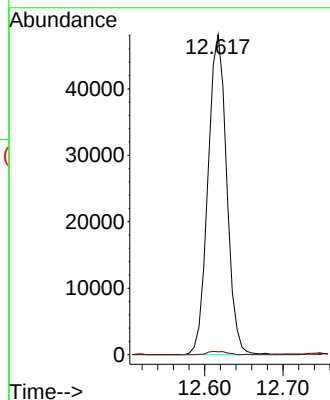
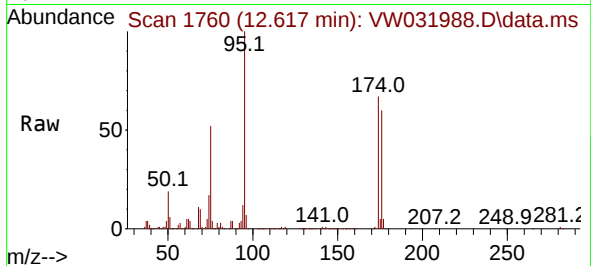




#76
1,2,3-Trichloropropane
Concen: 37.425 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBL01

Tgt Ion: 75 Resp: 79834
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.404 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion: 75 Resp: 79834
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 39.0 58.6#

