

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031698.D
 Acq On : 08 May 2025 13:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK400

Quant Time: May 08 15:44:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 15:36:47 2025
 Response via : Initial Calibration

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

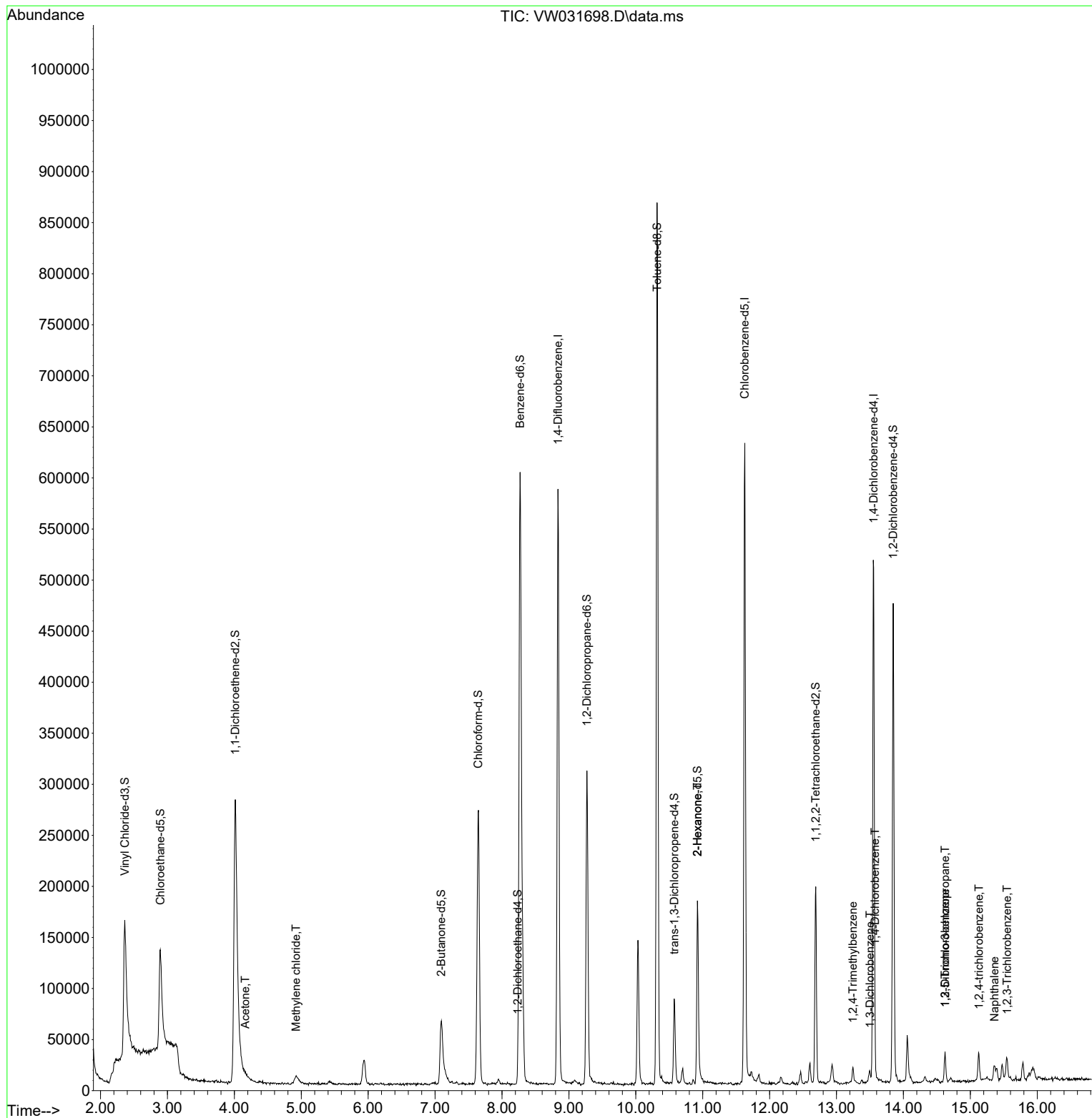
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	493186	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346687	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	132205	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	279142	23.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.28%		
7) Chloroethane-d5	2.893	69	170104	24.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.36%		
11) 1,1-Dichloroethene-d2	4.014	65	121754	23.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.76%		
21) 2-Butanone-d5	7.093	46	118713	48.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.82%		
24) Chloroform-d	7.642	84	280073	24.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.72%		
26) 1,2-Dichloroethane-d4	8.233	65	159	0.04	ug/L	-0.07
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.16%#		
32) Benzene-d6	8.270	84	644496	24.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.88%		
36) 1,2-Dichloropropane-d6	9.270	67	145611	24.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.16%		
41) Toluene-d8	10.318	98	567943	23.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.24%		
43) trans-1,3-Dichloroprop...	10.574	79	48238	24.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.36%		
47) 2-Hexanone-d5	10.922	63	62788	49.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.18%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102411	24.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.72%		
66) 1,2-Dichlorobenzene-d4	13.848	152	112284	25.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.24%		
Target Compounds						Qvalue
13) Acetone	4.161	43	2651	1.52	ug/L	91
16) Methylene chloride	4.923	84	1241	0.25	ug/L	92
48) 2-Hexanone	10.922	43	7709	2.88	ug/L #	69
63) 1,2,4-Trimethylbenzene	13.244	105	8086	0.38	ug/L	100
64) 1,3-Dichlorobenzene	13.501	146	3717	0.39	ug/L	85
65) 1,4-Dichlorobenzene	13.574	146	3947	0.44	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.622	75	2479	2.64	ug/L #	9
69) 1,3,5-Trichlorobenzene	14.622	180	8040	1.21	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	8216	1.83	ug/L	97
71) Naphthalene	15.360	128	13259	1.52	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.549	180	6843	1.88	ug/L	95

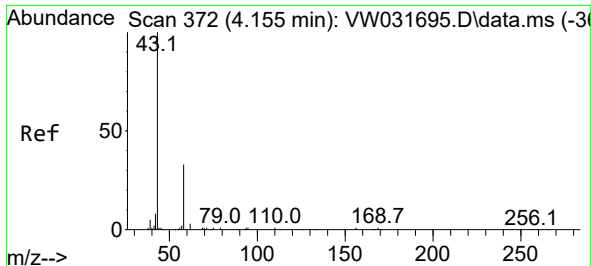
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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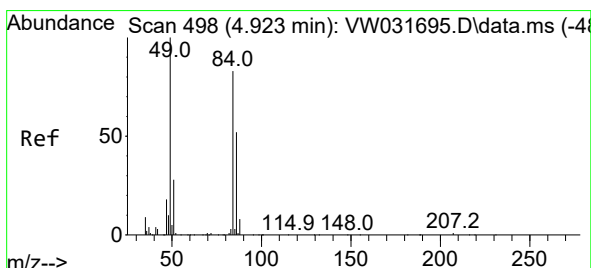
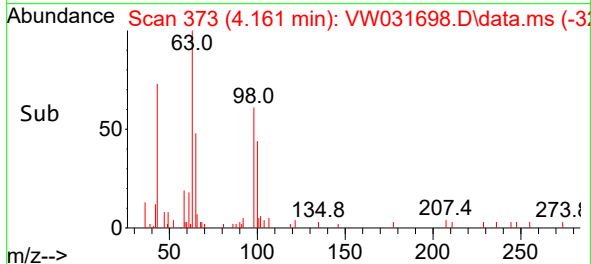
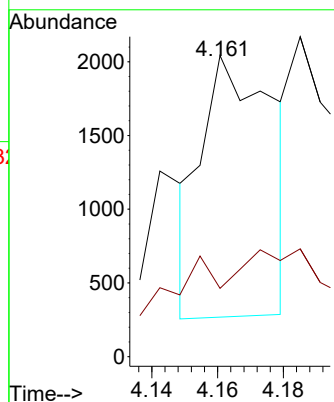
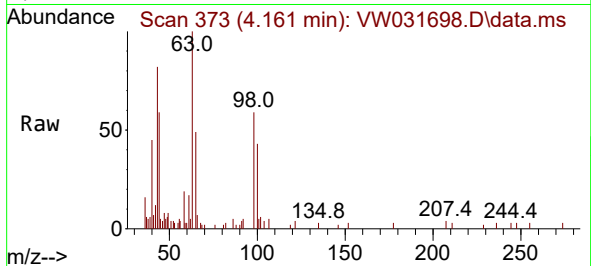




#13
Acetone
Concen: 1.52 ug/L
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031698.D
Acq: 08 May 2025 13:20

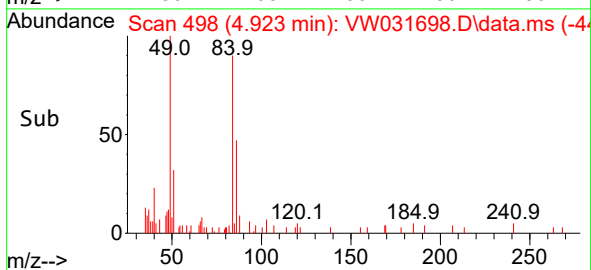
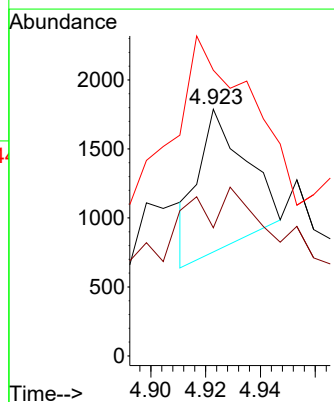
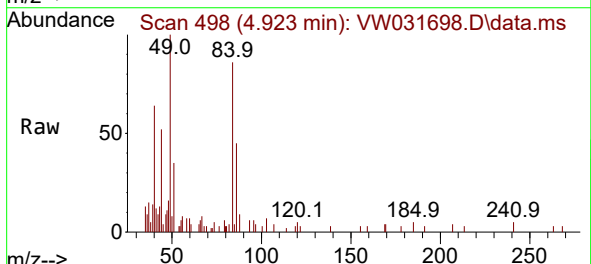
Instrument :
MSVOA_W
ClientSampleId :
VIBLK400

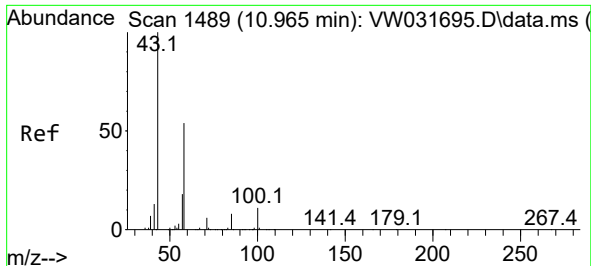
Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 38.3 0.0 66.2



#16
Methylene chloride
Concen: 0.25 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW031698.D
Acq: 08 May 2025 13:20

Tgt Ion: 84 Resp: 1241
Ion Ratio Lower Upper
84 100
86 51.9 44.2 82.2
49 115.8 85.1 158.1

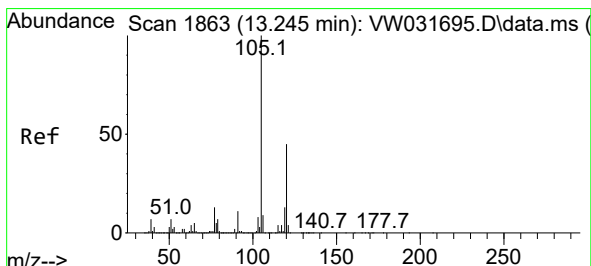
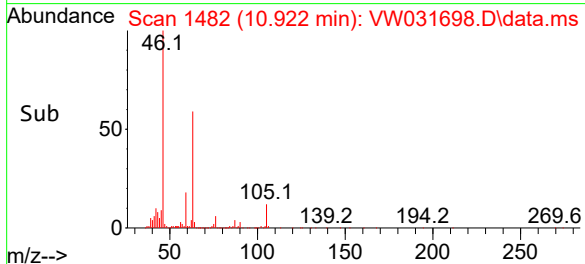
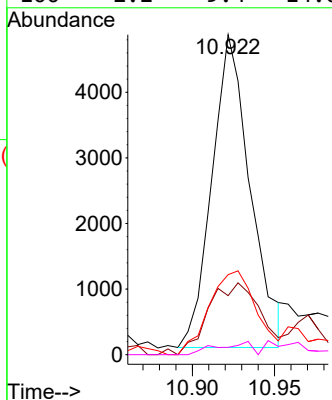
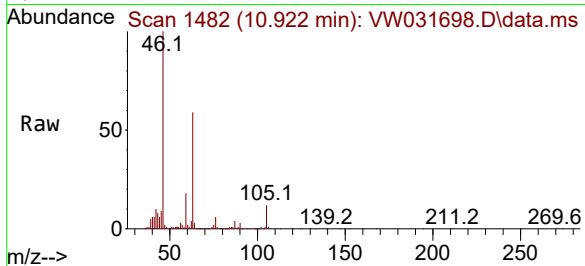




#48
2-Hexanone
Concen: 2.88 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW031698.D
Acq: 08 May 2025 13:20

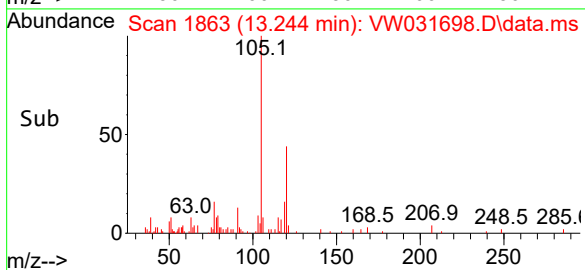
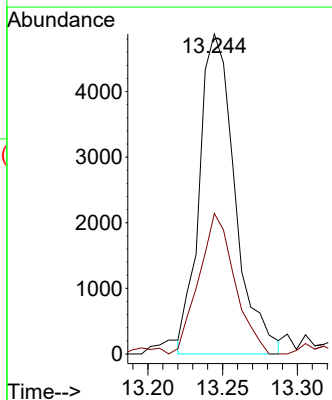
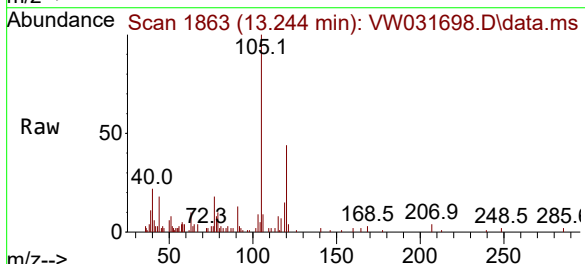
Instrument :
MSVOA_W
ClientSampleId :
VIBLK400

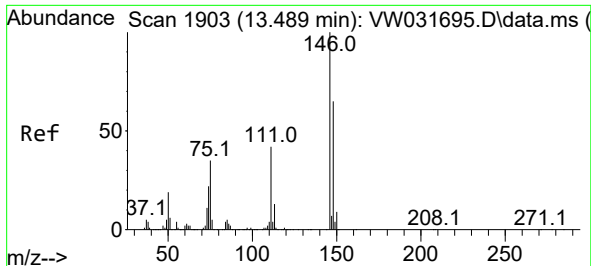
Tgt Ion: 43 Resp: 7709
Ion Ratio Lower Upper
43 100
58 30.9 43.6 65.4#
57 32.9 15.4 23.0#
100 2.2 9.4 14.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.38 ug/L
RT: 13.244 min Scan# 1863
Delta R.T. -0.001 min
Lab File: VW031698.D
Acq: 08 May 2025 13:20

Tgt Ion: 105 Resp: 8086
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.2

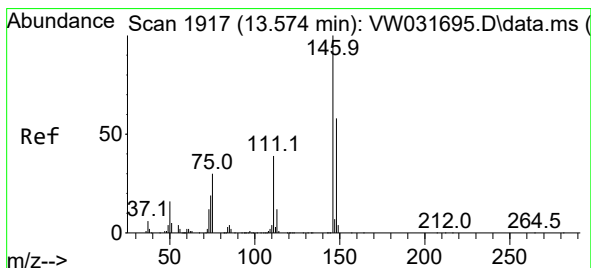
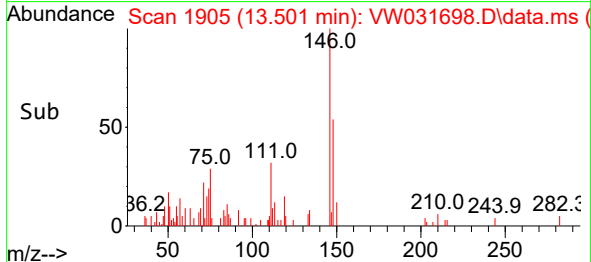
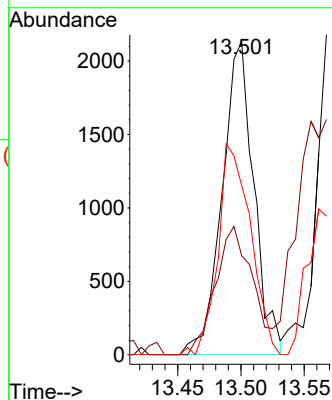
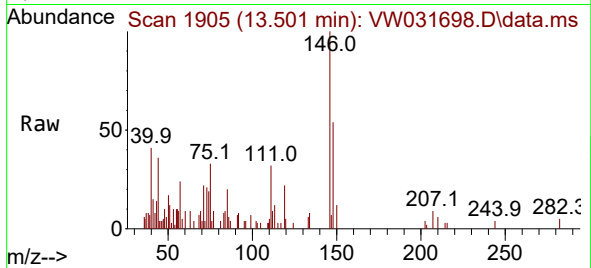




#64
1,3-Dichlorobenzene
Concen: 0.39 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.011 min
Lab File: VW031698.D
Acq: 08 May 2025 13:20

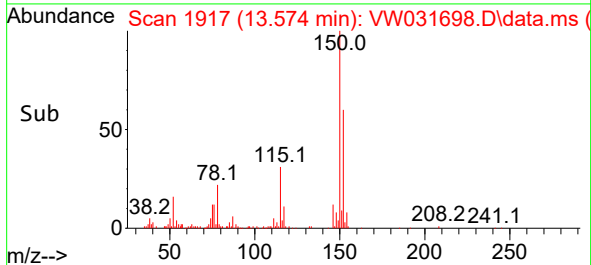
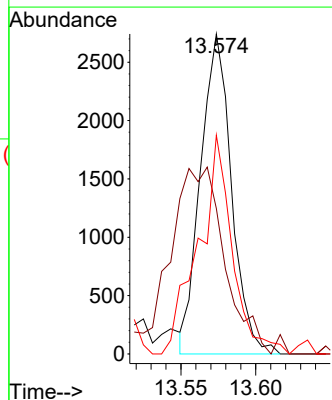
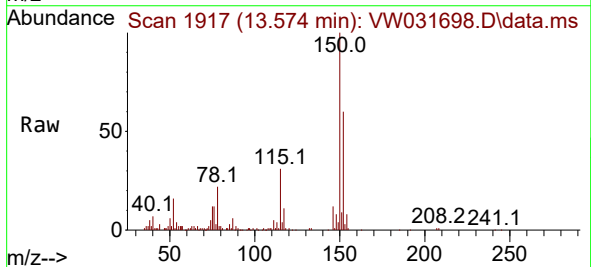
Instrument :
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ClientSampleId :
VIBLK400

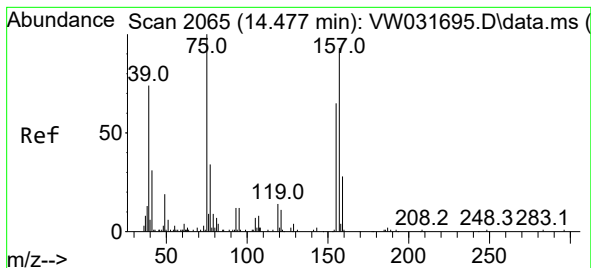
Tgt Ion:146 Resp: 3717
Ion Ratio Lower Upper
146 100
111 31.6 29.5 54.9
148 54.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 0.44 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031698.D
Acq: 08 May 2025 13:20

Tgt Ion:146 Resp: 3947
Ion Ratio Lower Upper
146 100
111 45.4 27.6 51.2
148 68.3 40.6 75.4

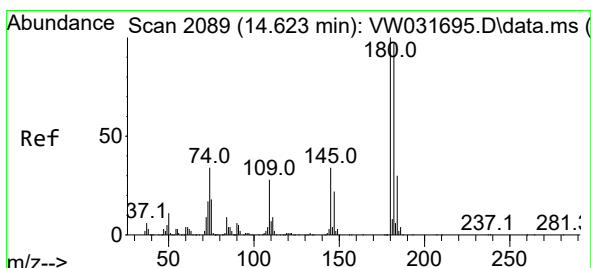
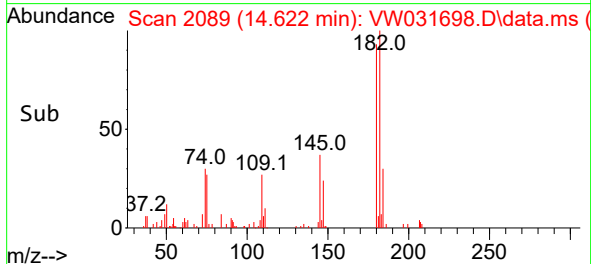
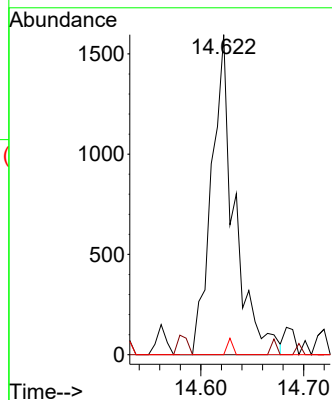
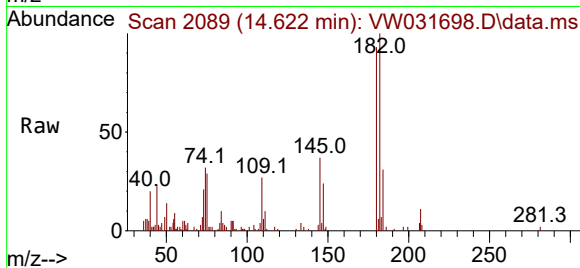




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.64 ug/L
 RT: 14.622 min Scan# 2065
 Delta R.T. 0.145 min
 Lab File: VW031698.D
 Acq: 08 May 2025 13:20

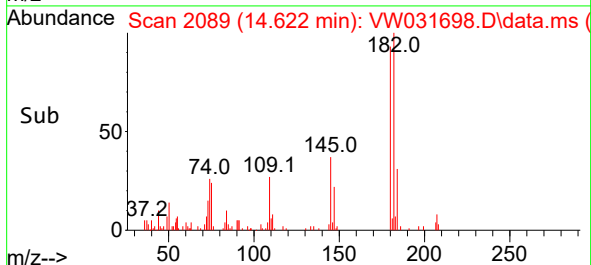
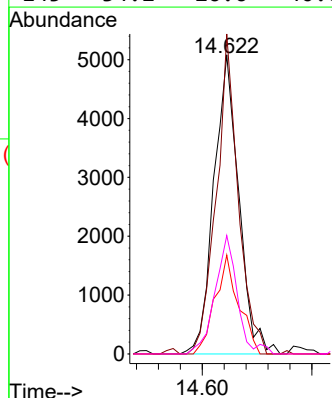
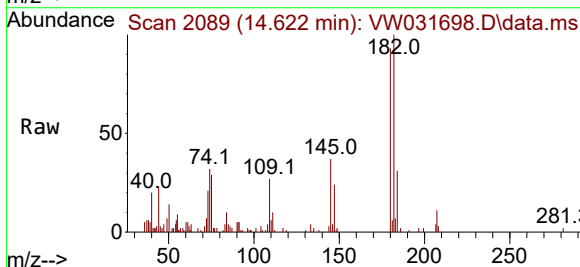
Instrument :
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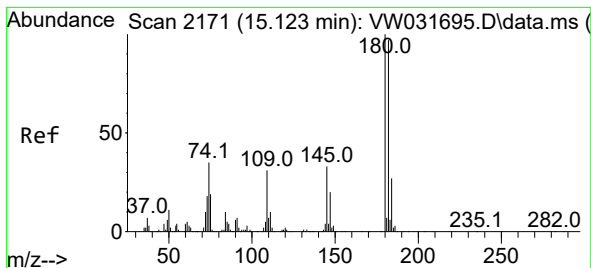
Tgt Ion: 75 Resp: 2479
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.6 77.4#
 157 0.0 74.6 111.8#



#69
 1,3,5-Trichlorobenzene
 Concen: 1.21 ug/L
 RT: 14.622 min Scan# 2089
 Delta R.T. -0.001 min
 Lab File: VW031698.D
 Acq: 08 May 2025 13:20

Tgt Ion:180 Resp: 8040
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.5 113.3
 184 31.3 23.7 35.5
 145 34.2 26.6 40.0





#70

1,2,4-trichlorobenzene

Concen: 1.83 ug/L

RT: 15.128 min Scan# 2171

Delta R.T. 0.005 min

Lab File: VW031698.D

Acq: 08 May 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VIBLK400

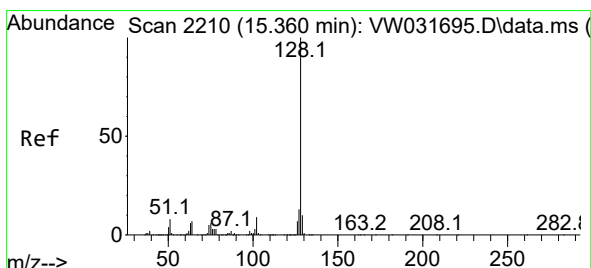
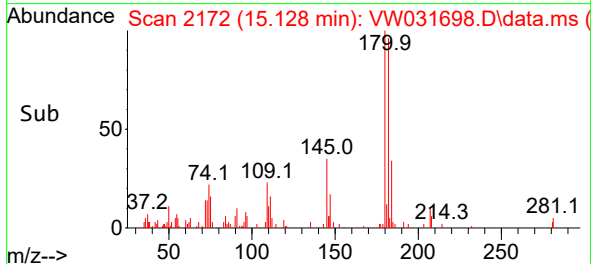
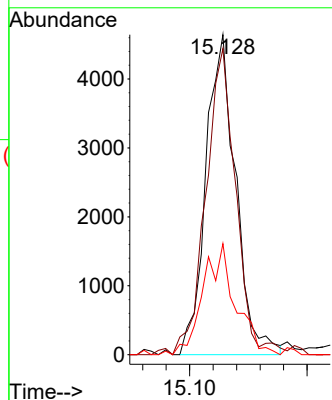
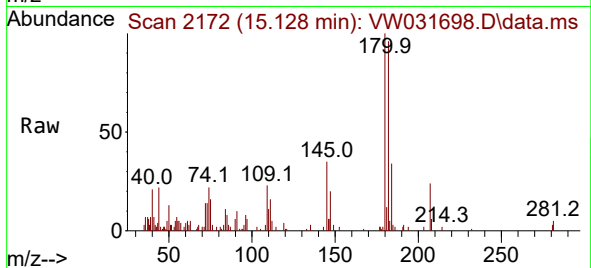
Tgt Ion:180 Resp: 8216

Ion Ratio Lower Upper

180 100

182 93.2 75.7 113.5

145 36.7 26.7 40.1



#71

Naphthalene

Concen: 1.52 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW031698.D

Acq: 08 May 2025 13:20

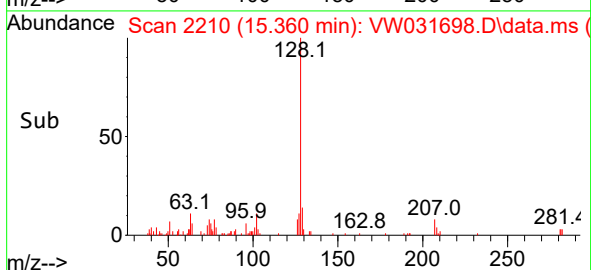
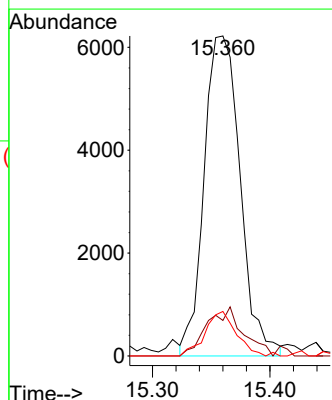
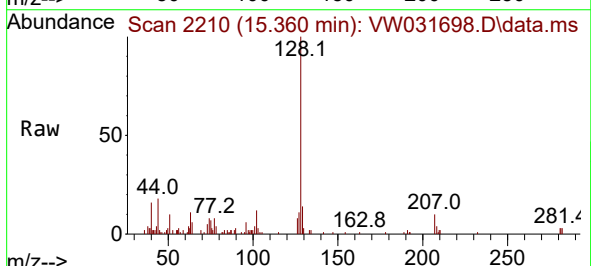
Tgt Ion:128 Resp: 13259

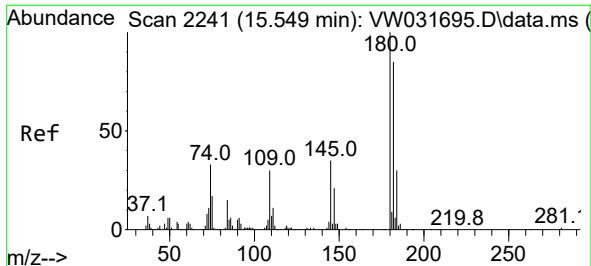
Ion Ratio Lower Upper

128 100

127 7.3 10.6 16.0#

129 12.0 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.88 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031698.D
 Acq: 08 May 2025 13:20

Instrument :
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 VIBLK400

Tgt Ion:180 Resp: 6843
 Ion Ratio Lower Upper
 180 100
 182 91.1 77.3 115.9
 145 38.8 28.6 43.0

