

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031827.D
 Acq On : 11 Jul 2025 18:00
 Operator : SY/MD
 Sample : Q2564-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:52:14 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)

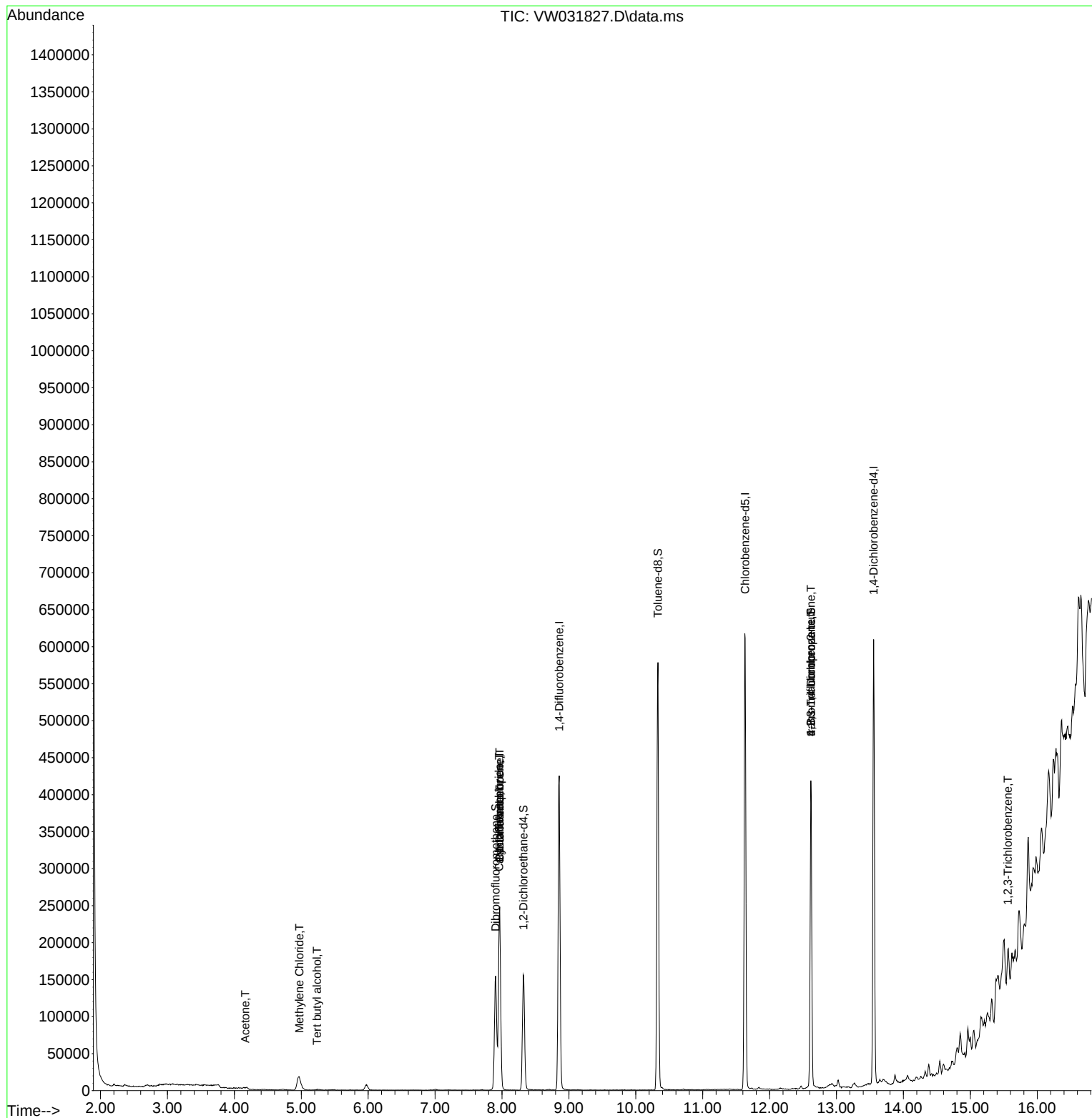
Internal Standards						
1) Pentafluorobenzene	7.965	168	163255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	353489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	334721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	150714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133263	56.880	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	113.760%	
35) Dibromofluoromethane	7.904	113	112822	48.911	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	97.820%	
50) Toluene-d8	10.331	98	388743	45.287	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	90.580%	
62) 4-Bromofluorobenzene	12.617	95	148421	46.984	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	93.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.234	59	368	2.535	ug/l #	87
16) Acetone	4.161	43	1613	2.785	ug/l #	64
20) Methylene Chloride	4.972	84	17854	3.614	ug/l	90
31) Cyclohexane	7.965	56	4551	1.364	ug/l #	1
36) 1,1-Dichloropropene	7.965	75	15586	4.669	ug/l #	51
38) Carbon Tetrachloride	7.959	117	19844	5.834	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	77632	39.859	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	77632	92.839	ug/l #	8
96) 1,2,3-Trichlorobenzene	15.561	180	4215	1.587	ug/l #	13

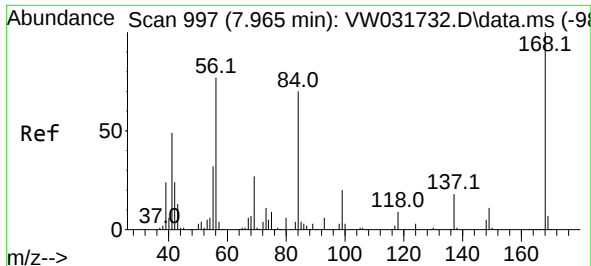
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031827.D
Acq On : 11 Jul 2025 18:00
Operator : SY/MD
Sample : Q2564-03
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

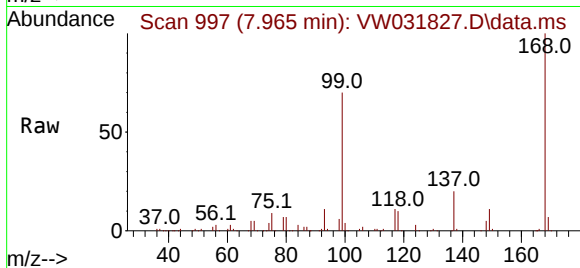
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



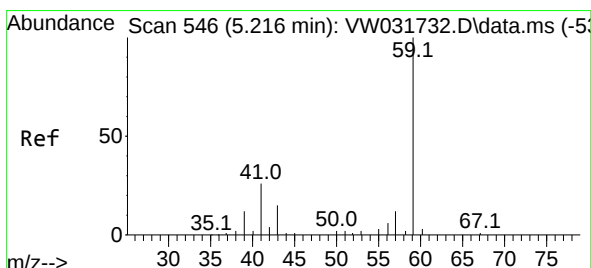
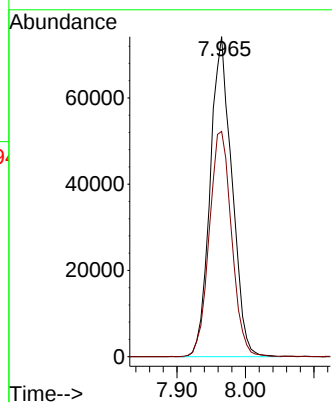
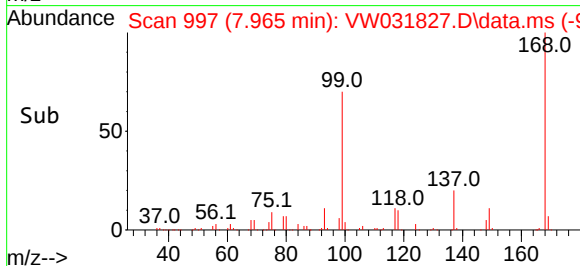


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

Instrument :
MSVOA_W
ClientSampleId :

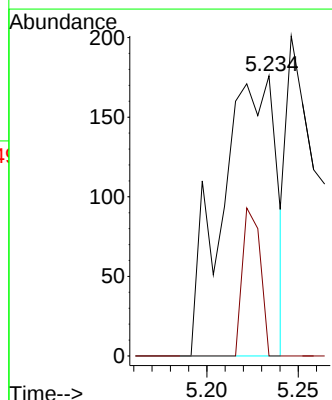
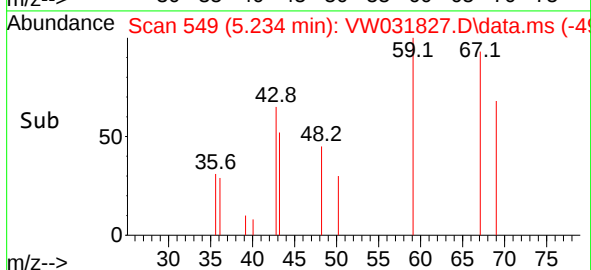
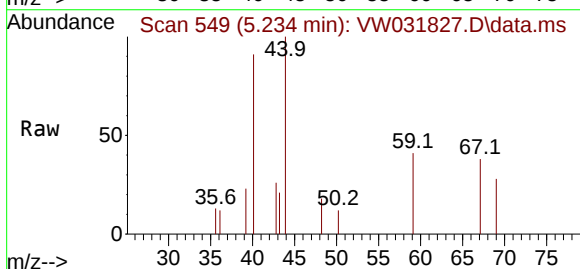


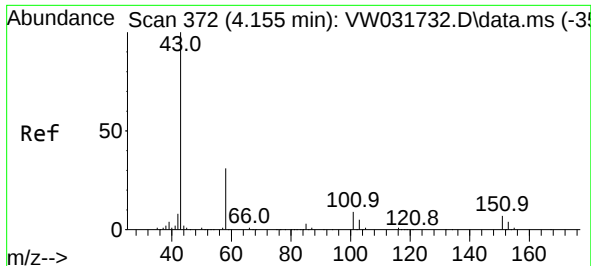
Tgt Ion:168 Resp: 163255
Ion Ratio Lower Upper
168 100
99 70.3 49.4 74.2



#11
Tert butyl alcohol
Concen: 2.535 ug/l
RT: 5.234 min Scan# 549
Delta R.T. 0.018 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 17.1 9.5 14.3#

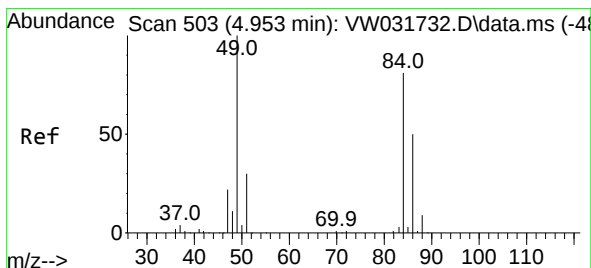
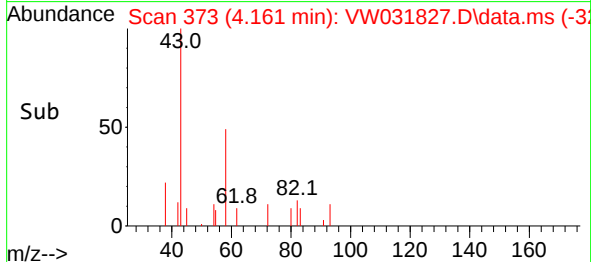
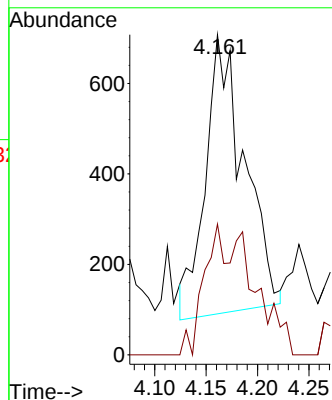
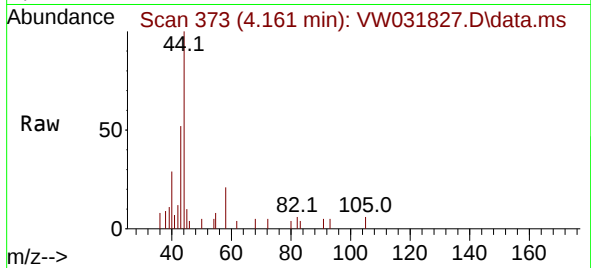




#16
Acetone
Concen: 2.785 ug/l
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

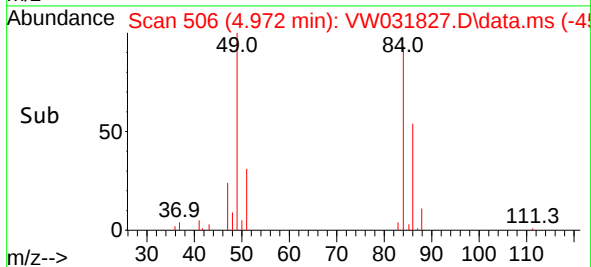
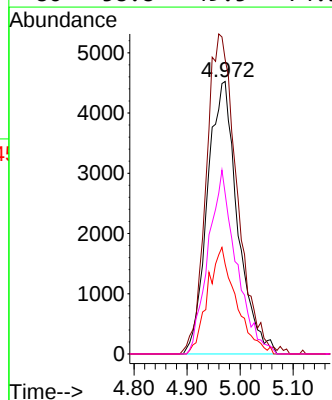
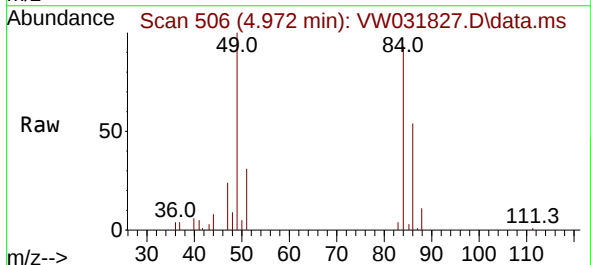
Instrument :
MSVOA_W
ClientSampleId :

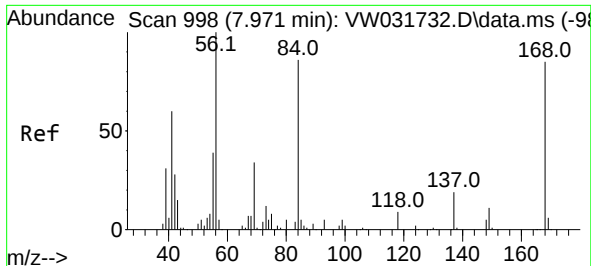
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 51.1 24.8 37.2#



#20
Methylene Chloride
Concen: 3.614 ug/l
RT: 4.972 min Scan# 506
Delta R.T. 0.018 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

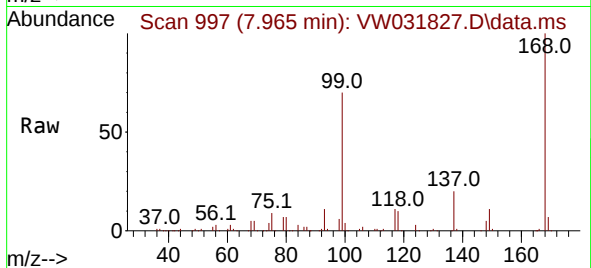
Tgt Ion: 84 Resp: 17854
Ion Ratio Lower Upper
84 100
49 108.0 98.2 147.4
51 33.0 29.8 44.8
86 58.8 49.5 74.3



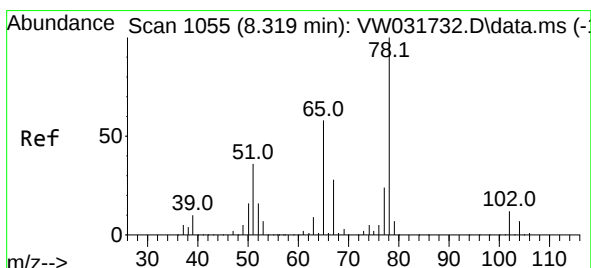
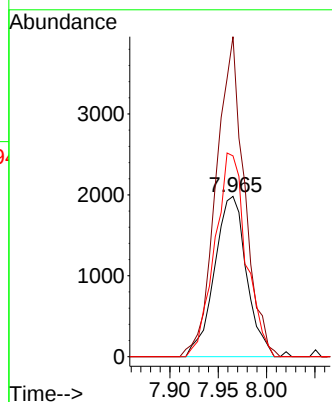
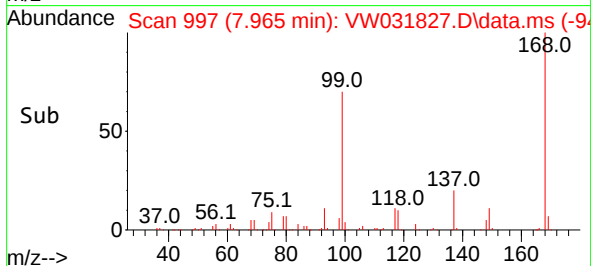


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

Instrument :
MSVOA_W
ClientSampleId :

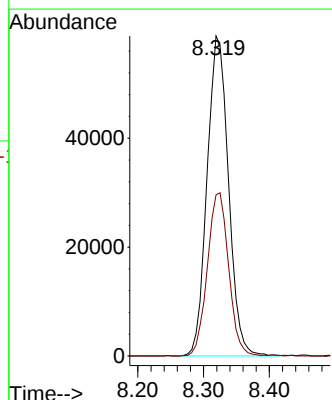
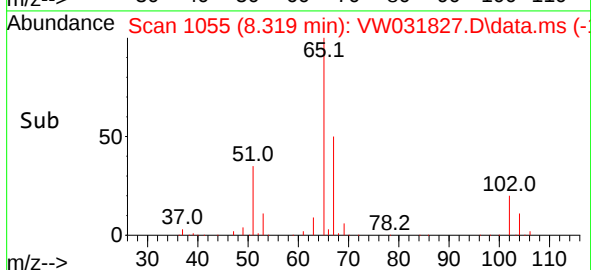
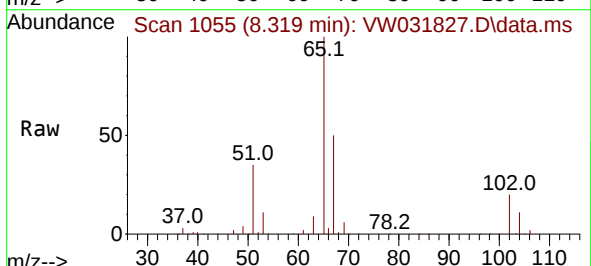


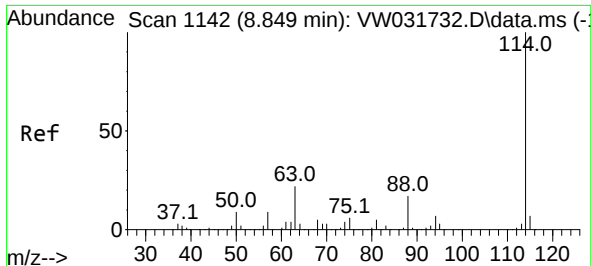
Tgt Ion: 56 Resp: 4551
Ion Ratio Lower Upper
56 100
69 199.7 27.2 40.8#
84 125.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 56.880 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

Tgt Ion: 65 Resp: 133263
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4

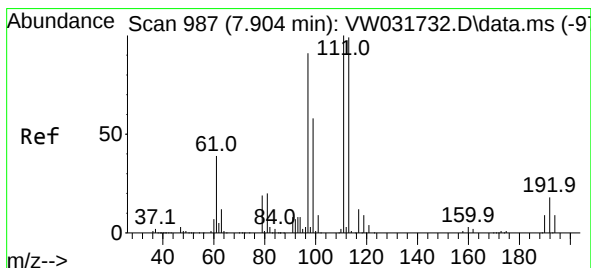
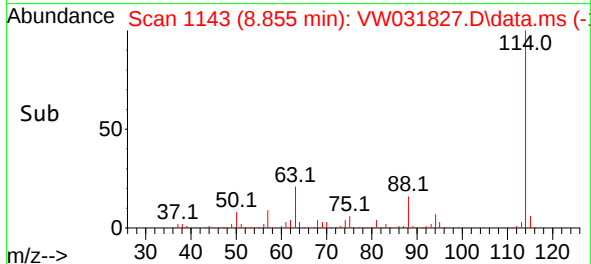
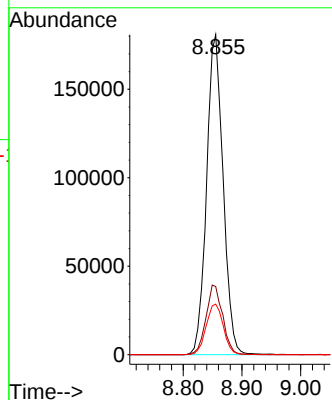
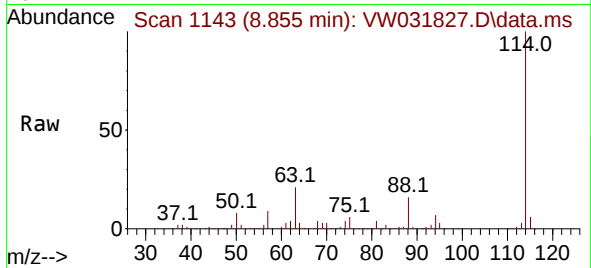




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

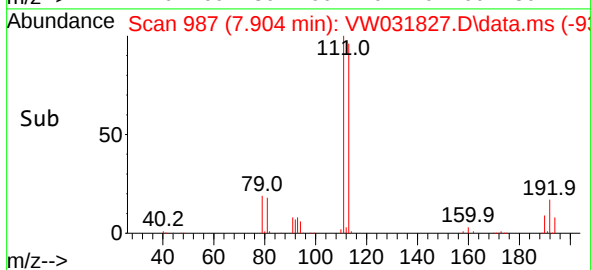
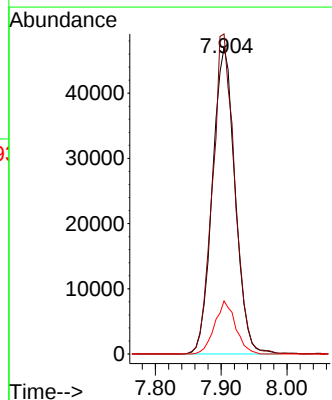
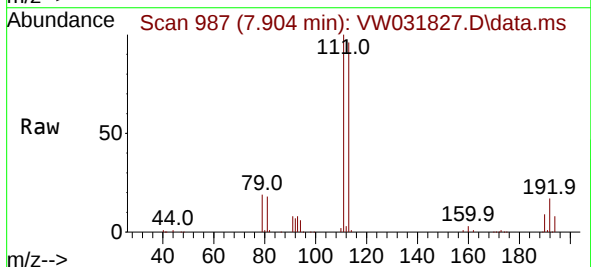
Instrument :
MSVOA_W
ClientSampleId :

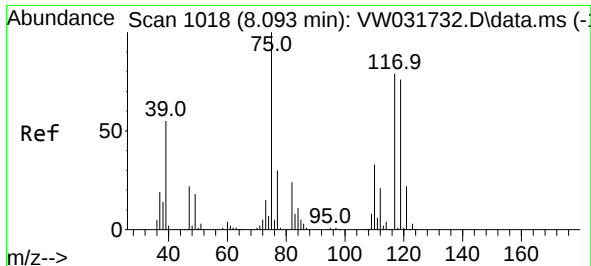
Tgt Ion:114 Resp: 353489
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.6
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.911 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

Tgt Ion:113 Resp: 112822
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 15.9 13.8 20.6

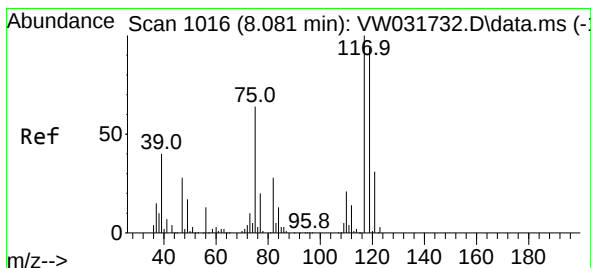
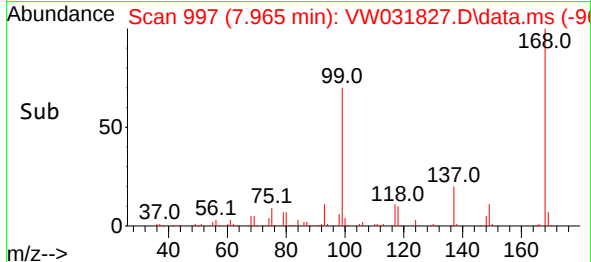
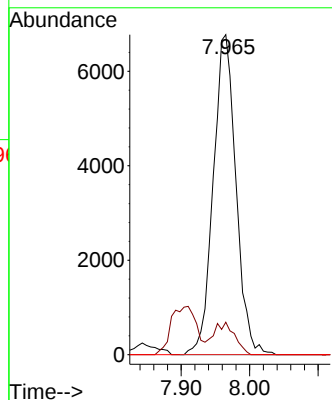
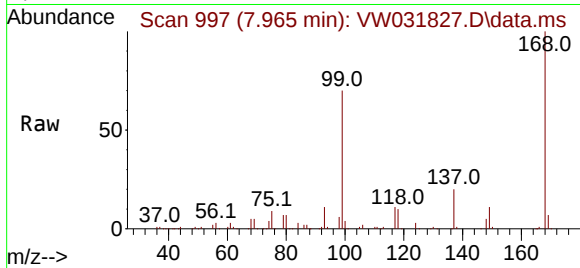




#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.128 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

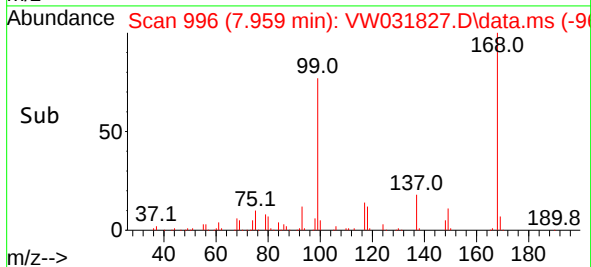
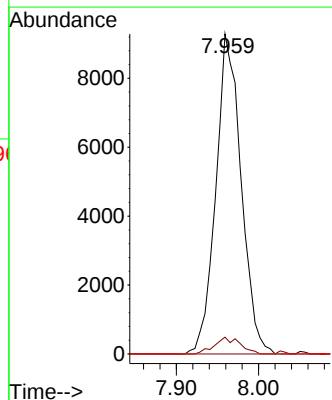
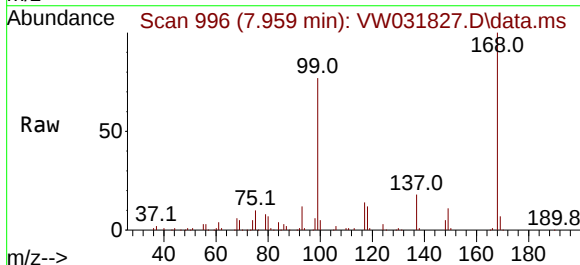
Instrument :
MSVOA_W
ClientSampleId :

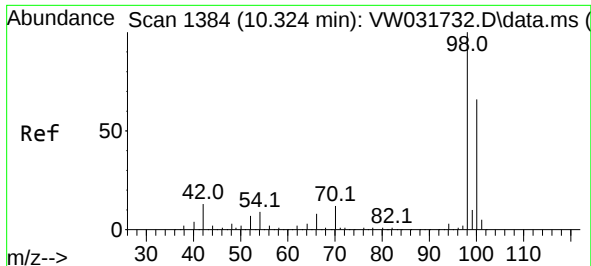
Tgt Ion: 75 Resp: 15586
Ion Ratio Lower Upper
75 100
110 9.5 16.8 50.4#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

Tgt Ion: 117 Resp: 19844
Ion Ratio Lower Upper
117 100
119 5.2 75.0 112.6#
121 0.0 24.6 37.0#

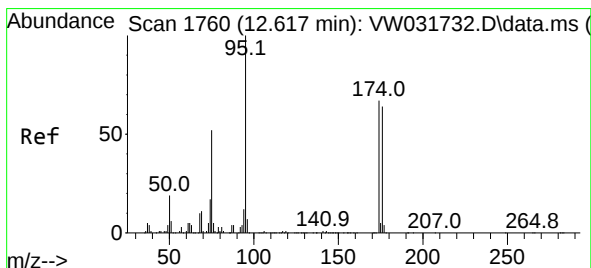
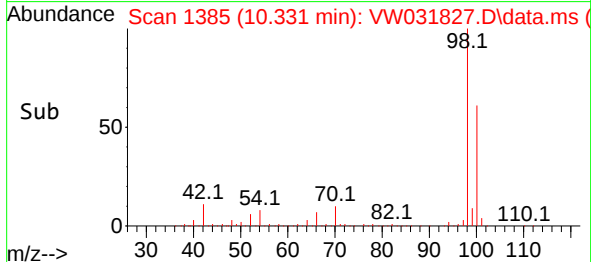
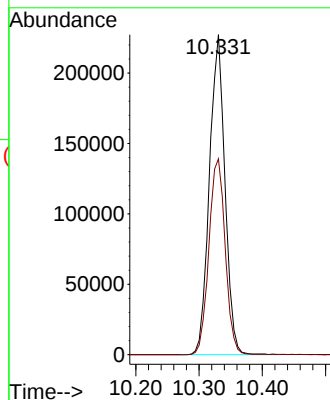
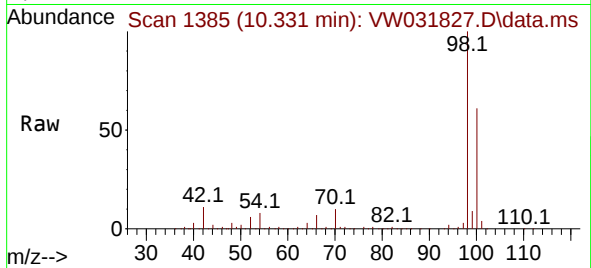




#50
Toluene-d8
Concen: 45.287 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

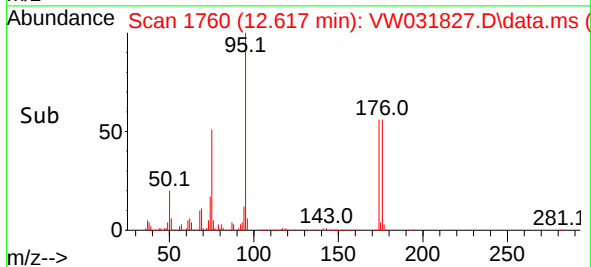
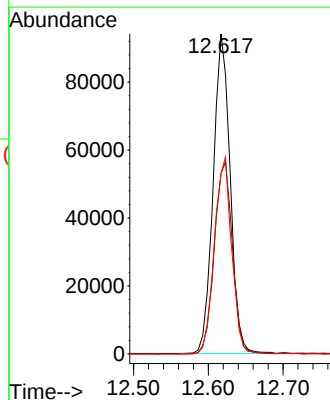
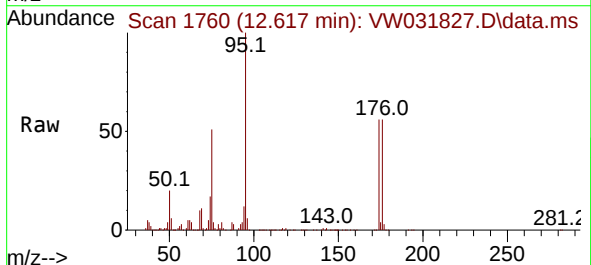
Instrument :
MSVOA_W
ClientSampleId :

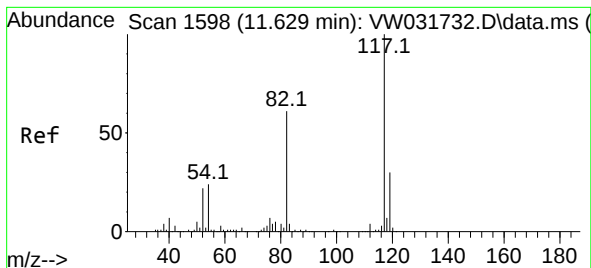
Tgt Ion: 98 Resp: 388743
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 46.984 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

Tgt Ion: 95 Resp: 148421
Ion Ratio Lower Upper
95 100
174 64.1 0.0 133.8
176 62.6 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: VW031827.D

Acq: 11 Jul 2025 18:00

Instrument :

MSVOA_W

ClientSampleId :

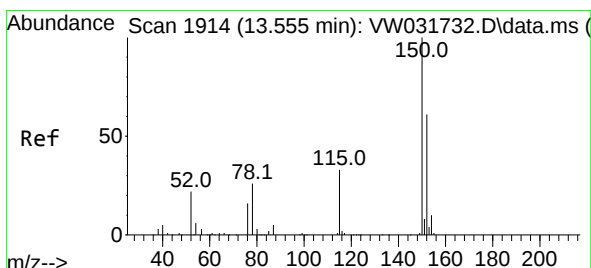
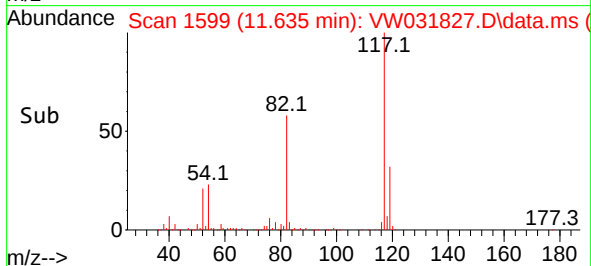
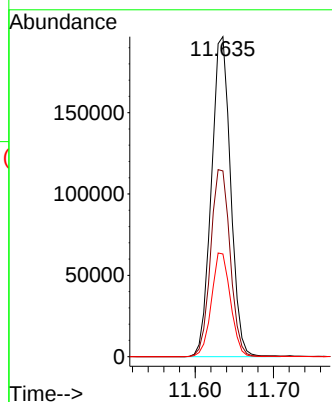
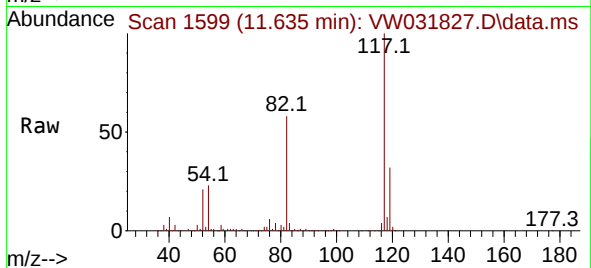
Tgt Ion:117 Resp: 334721

Ion Ratio Lower Upper

117 100

82 58.1 48.6 72.8

119 32.1 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: VW031827.D

Acq: 11 Jul 2025 18:00

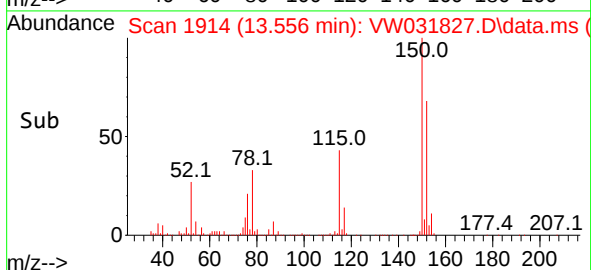
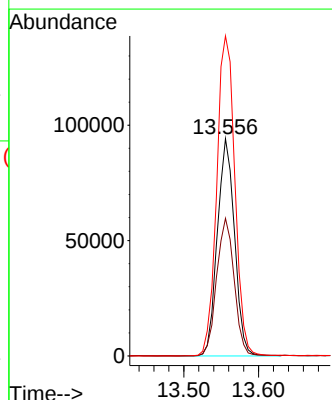
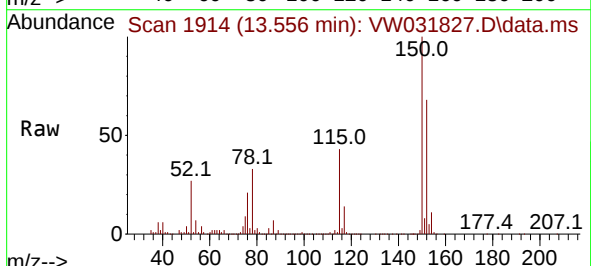
Tgt Ion:152 Resp: 150714

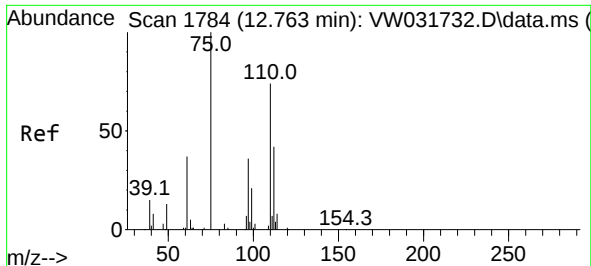
Ion Ratio Lower Upper

152 100

115 64.8 31.9 95.7

150 155.6 0.0 356.4

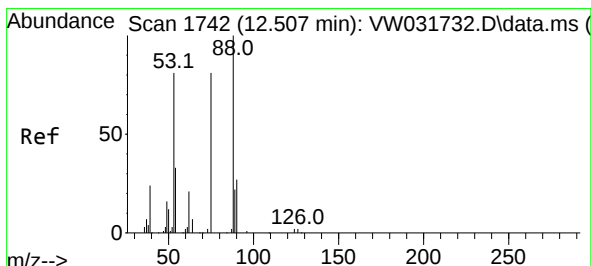
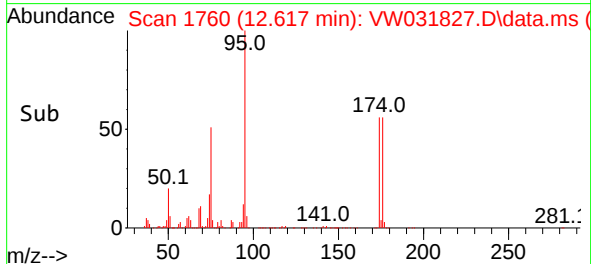
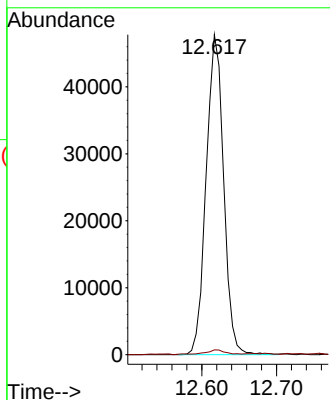
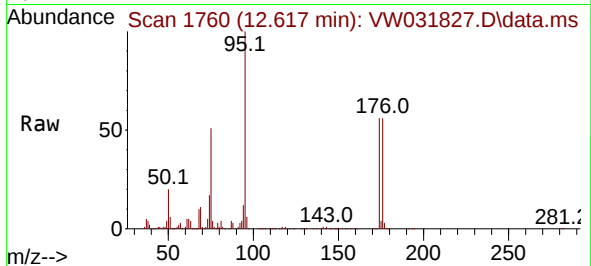




#76
1,2,3-Trichloropropane
Concen: 39.859 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

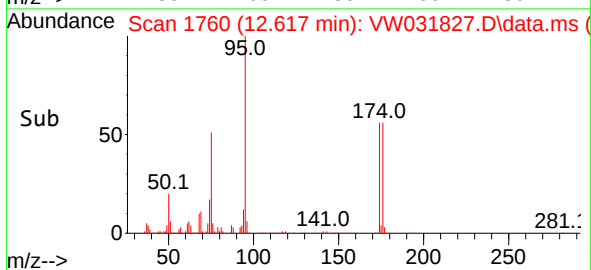
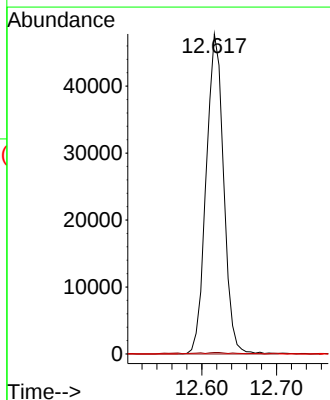
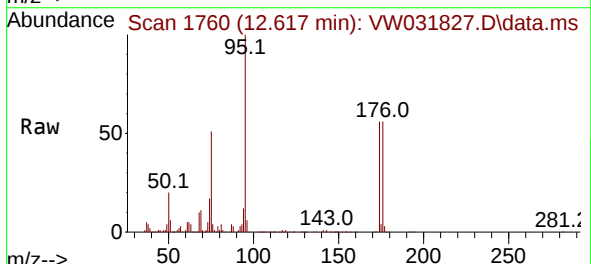
Instrument :
MSVOA_W
ClientSampleId :

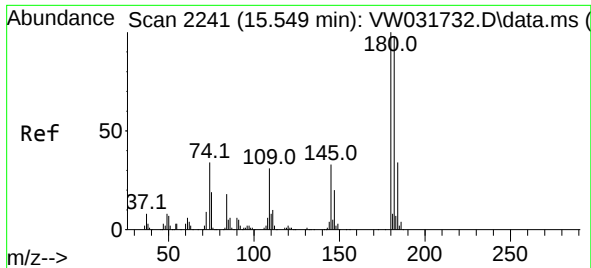
Tgt Ion: 75 Resp: 77632
Ion Ratio Lower Upper
75 100
77 1.5 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.839 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031827.D
Acq: 11 Jul 2025 18:00

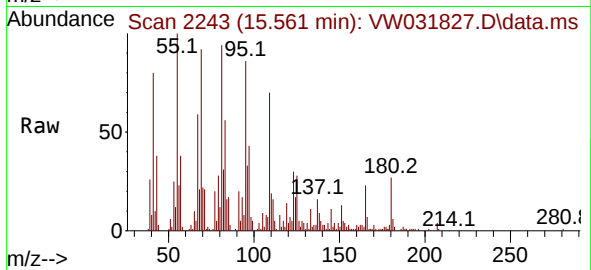
Tgt Ion: 75 Resp: 77632
Ion Ratio Lower Upper
75 100
53 0.6 83.5 125.3#
89 0.0 38.3 57.5#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.587 ug/l
 RT: 15.561 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VW031827.D
 Acq: 11 Jul 2025 18:00

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 4215
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.4 139.1#
 145 0.0 17.8 53.3#

