

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031832.D
 Acq On : 11 Jul 2025 19:50
 Operator : SY/MD
 Sample : Q2565-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:54:06 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)

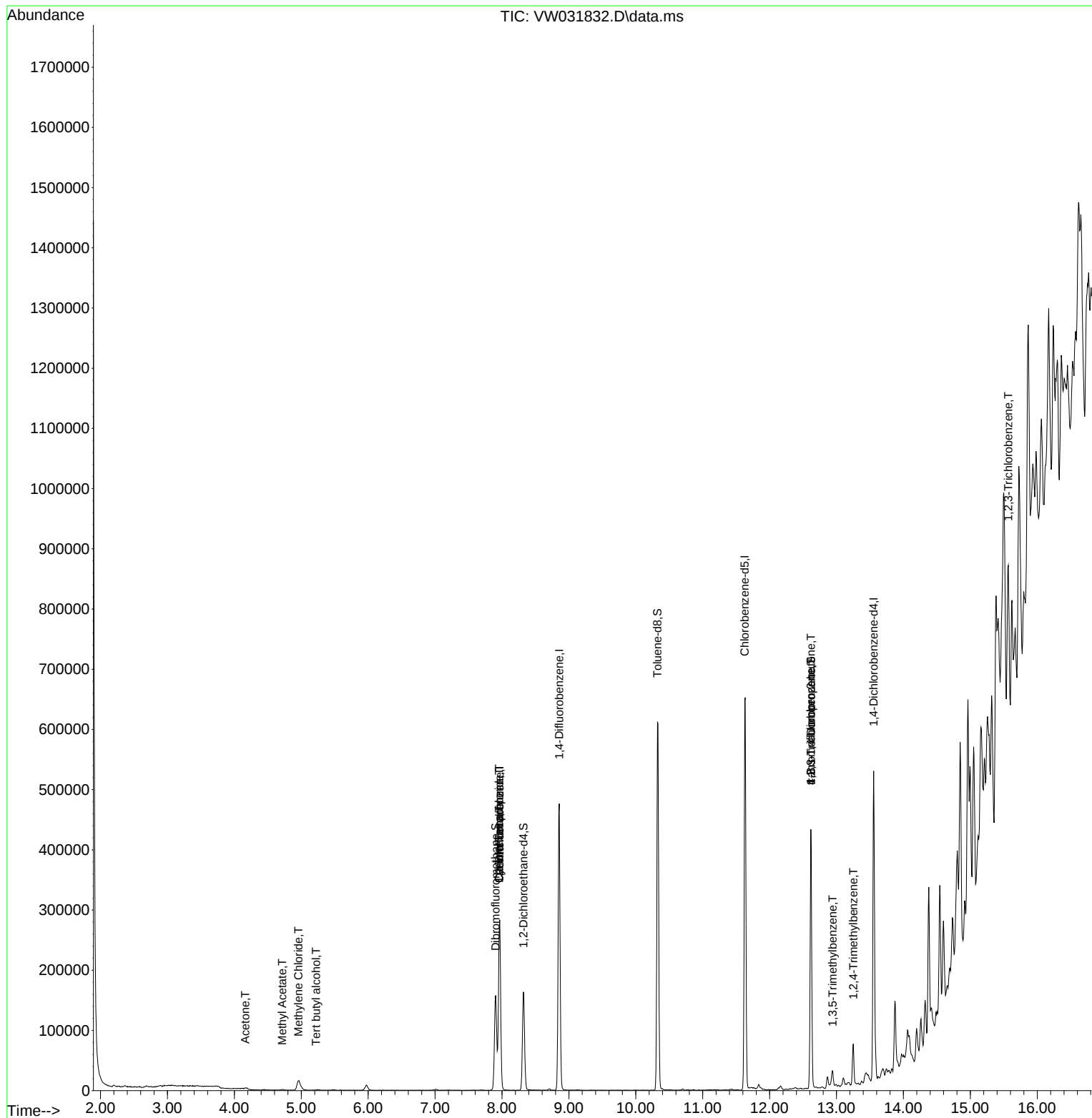
Internal Standards						
1) Pentafluorobenzene	7.965	168	189455	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	391172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	129703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136577	50.233	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 100.460%		
35) Dibromofluoromethane	7.904	113	115927	45.416	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 90.840%		
50) Toluene-d8	10.325	98	425761	44.821	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 89.640%		
62) 4-Bromofluorobenzene	12.617	95	152992	43.766	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 87.540%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.222	59	410	2.434	ug/l	# 69
16) Acetone	4.161	43	859	1.278	ug/l	# 76
18) Methyl Acetate	4.716	43	2271	1.182	ug/l	97
20) Methylene Chloride	4.960	84	14538	1.158	ug/l	94
31) Cyclohexane	7.959	56	5314	1.373	ug/l	# 11
36) 1,1-Dichloropropene	7.959	75	19039	5.154	ug/l	# 50
38) Carbon Tetrachloride	7.959	117	22489	5.975	ug/l	# 16
76) 1,2,3-Trichloropropane	12.617	75	79916	47.679	ug/l	# 1
80) 1,3,5-Trimethylbenzene	12.940	105	9169	1.123	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.617	75	79916	111.052	ug/l	# 8
84) 1,2,4-Trimethylbenzene	13.251	105	38954	4.708	ug/l	95
96) 1,2,3-Trichlorobenzene	15.568	180	21383	9.356	ug/l	# 1

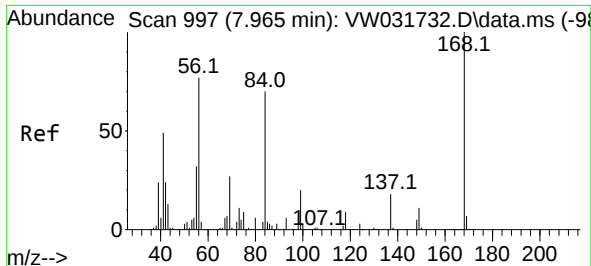
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031832.D
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Sample : Q2565-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
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MSVOA_W
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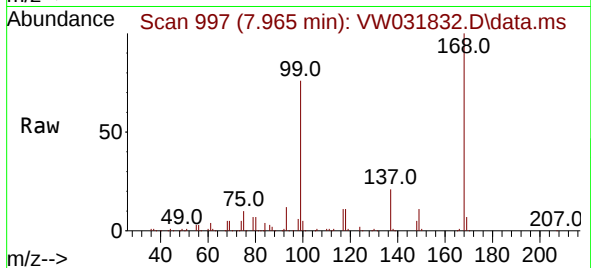
Quant Time: Jul 11 22:54:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
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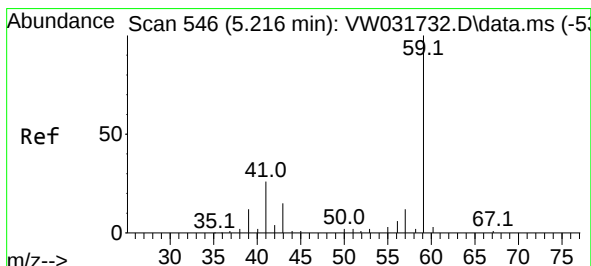
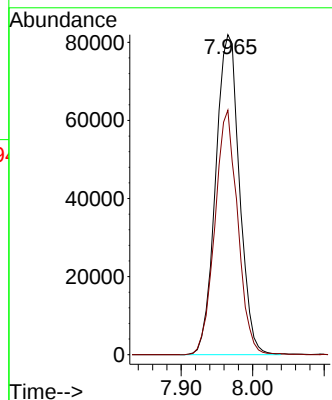
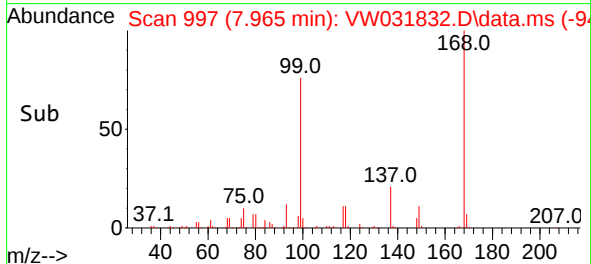


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Instrument :
MSVOA_W
ClientSampleId :

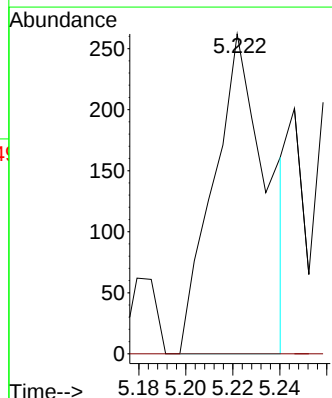
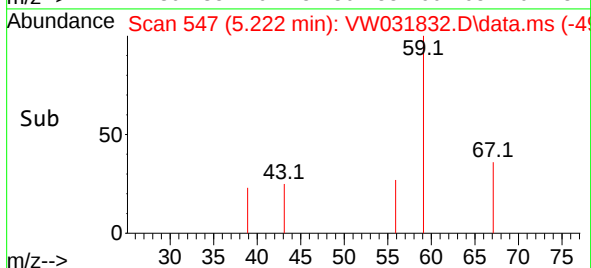
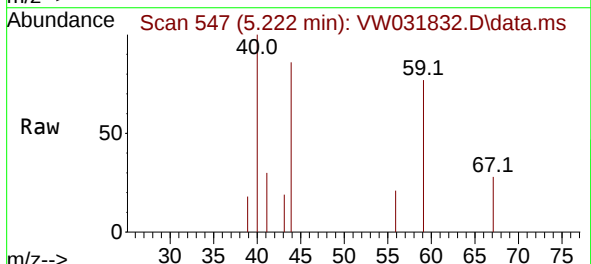


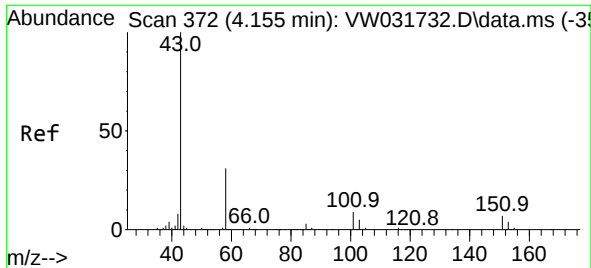
Tgt Ion:168 Resp: 189455
Ion Ratio Lower Upper
168 100
99 76.4 49.4 74.2#



#11
Tert butyl alcohol
Concen: 2.434 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 0.0 9.5 14.3#

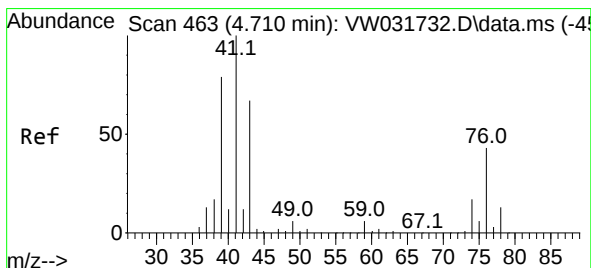
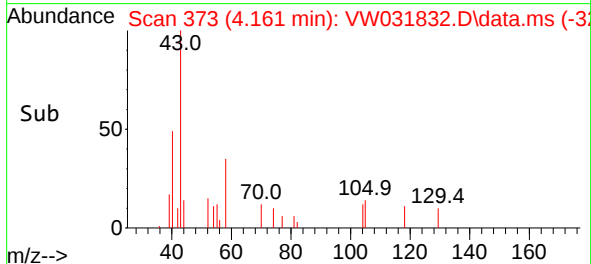
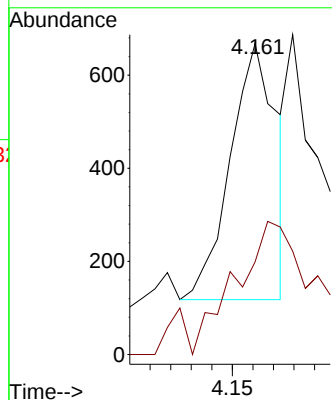
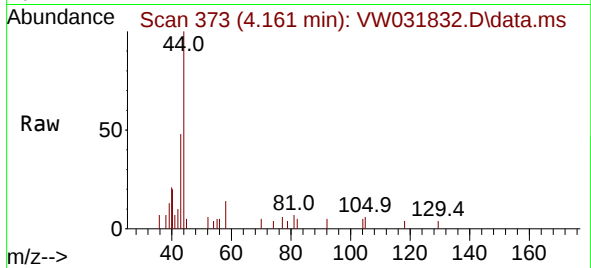




#16
Acetone
Concen: 1.278 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

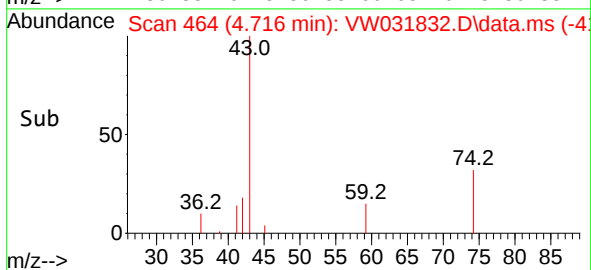
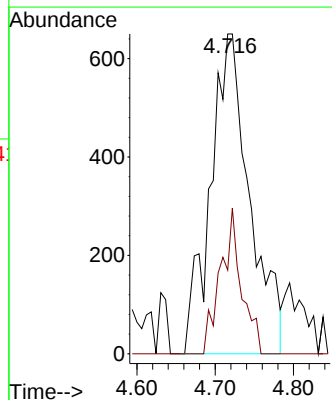
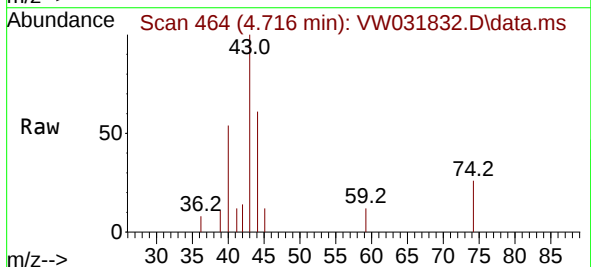
Instrument :
MSVOA_W
ClientSampleId :

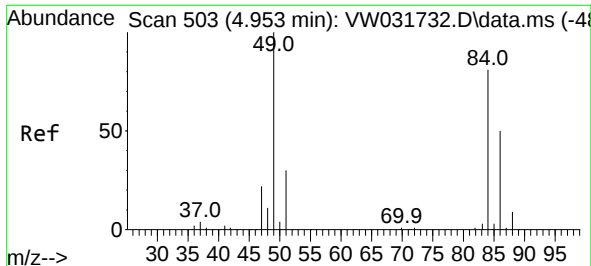
Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 18.0 24.8 37.2#



#18
Methyl Acetate
Concen: 1.182 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

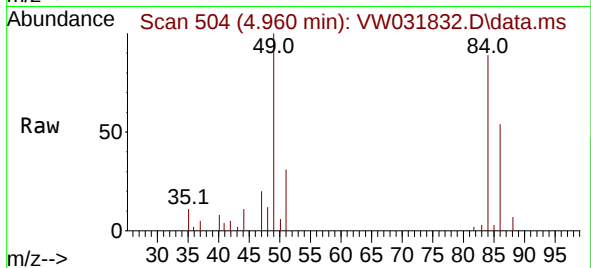
Tgt Ion: 43 Resp: 2271
Ion Ratio Lower Upper
43 100
74 24.2 20.6 30.8



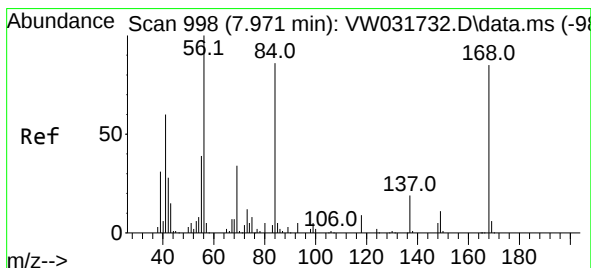
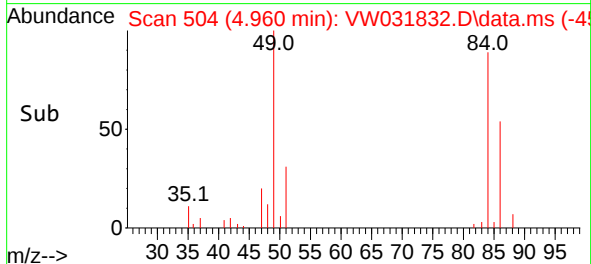
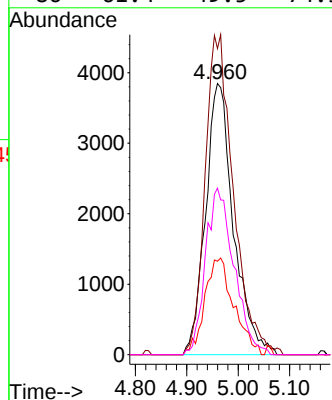


#20
Methylene Chloride
Concen: 1.158 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Instrument :
MSVOA_W
ClientSampleId :

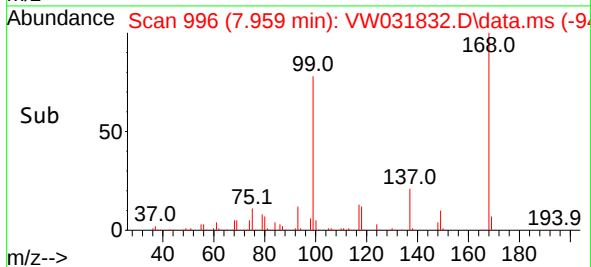
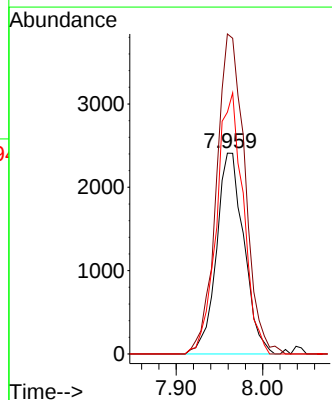
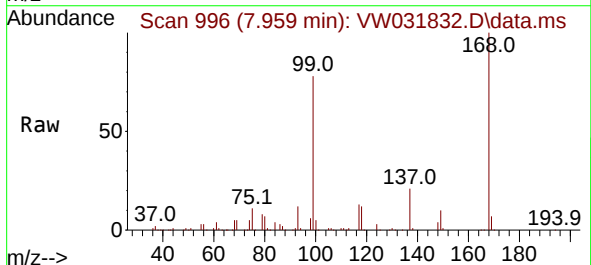


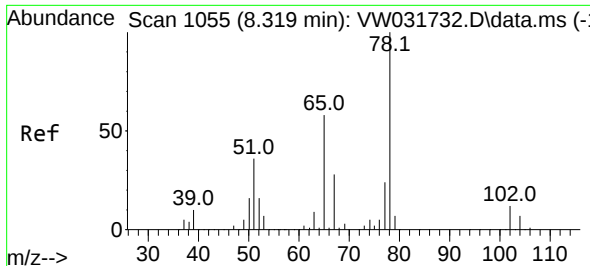
Tgt Ion:	84	Resp:	14538
Ion	Ratio	Lower	Upper
84	100		
49	112.9	98.2	147.4
51	34.4	29.8	44.8
86	61.4	49.5	74.3



#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion:	56	Resp:	5314
Ion	Ratio	Lower	Upper
56	100		
69	159.4	27.2	40.8#
84	120.4	68.5	102.7#

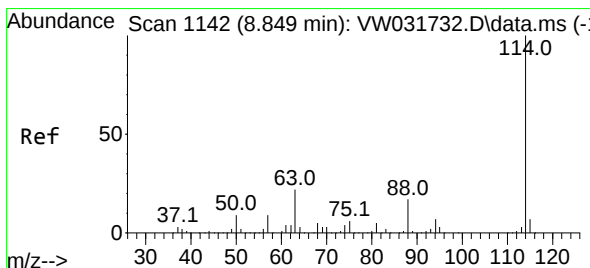
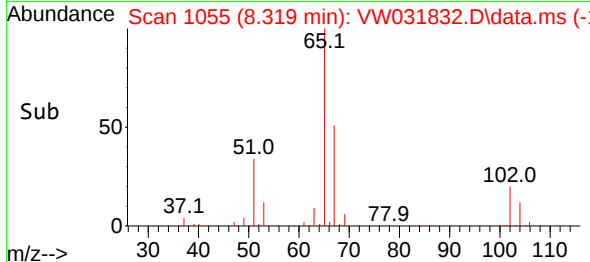
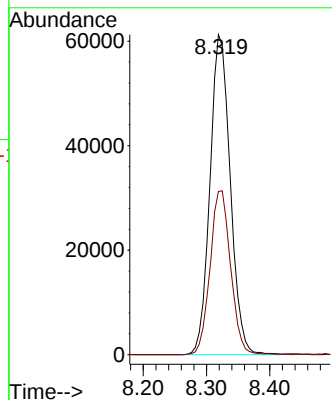
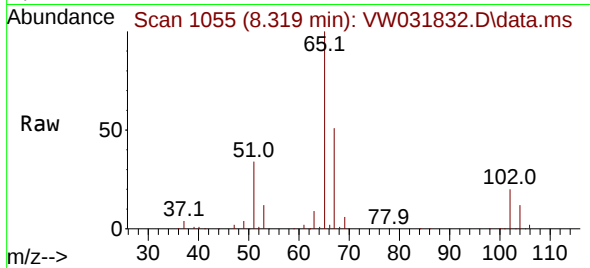




#33
 1,2-Dichloroethane-d4
 Concen: 50.233 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031832.D
 Acq: 11 Jul 2025 19:50

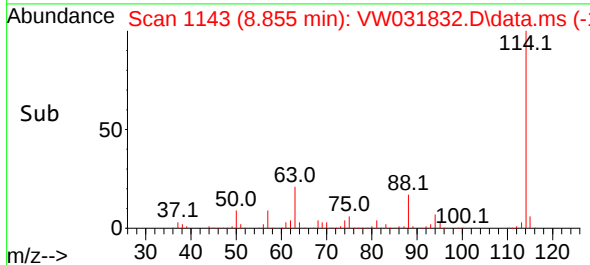
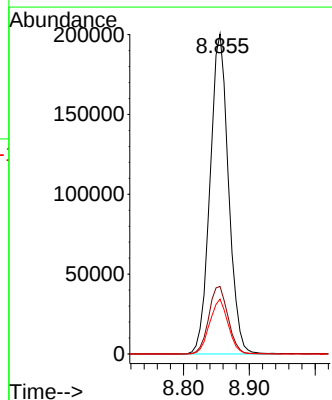
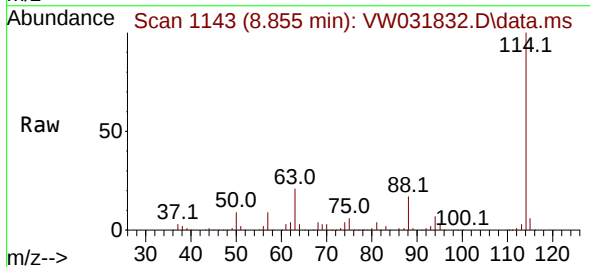
Instrument :
 MSVOA_W
 ClientSampleId :

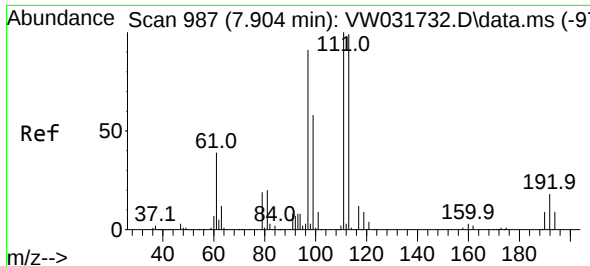
Tgt Ion: 65 Resp: 136577
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031832.D
 Acq: 11 Jul 2025 19:50

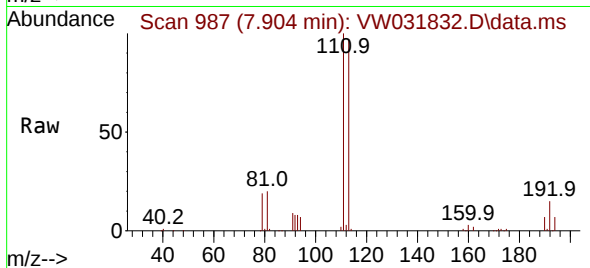
Tgt Ion: 114 Resp: 391172
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.6
 88 17.1 0.0 34.2



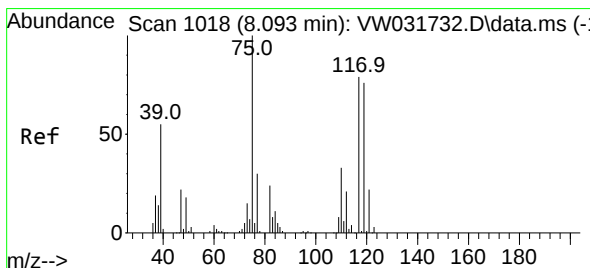
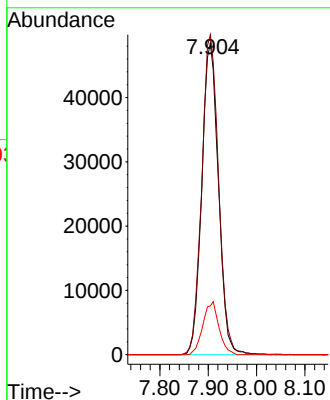
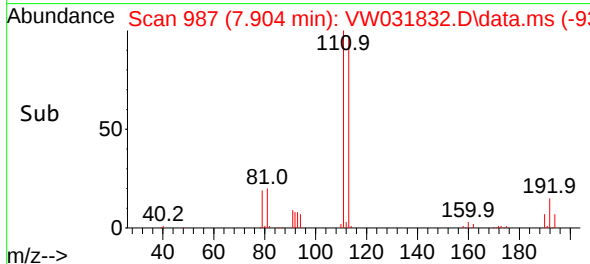


#35
 Dibromofluoromethane
 Concen: 45.416 ug/l
 RT: 7.904 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VW031832.D
 Acq: 11 Jul 2025 19:50

Instrument :
 MSVOA_W
 ClientSampleId :

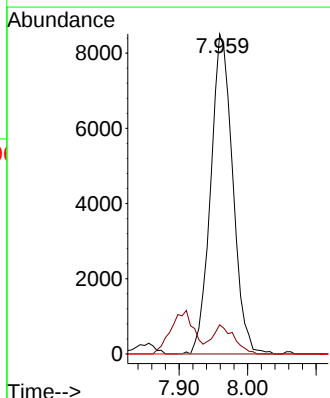
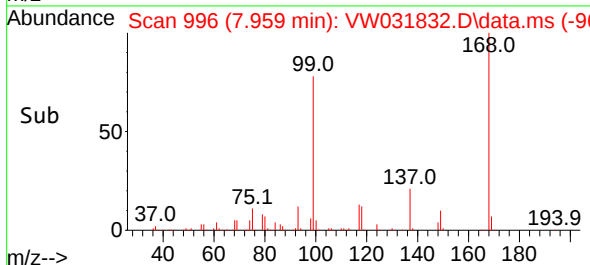
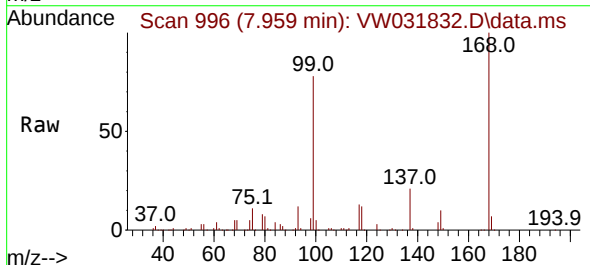


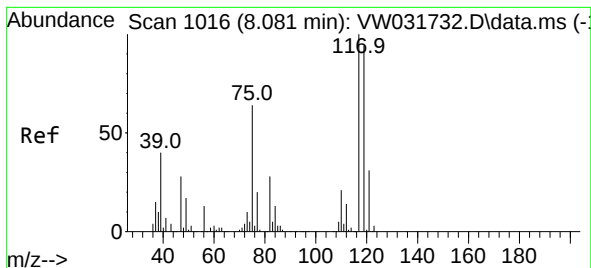
Tgt Ion:113 Resp: 115927
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.1 123.1
 192 16.4 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 5.154 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031832.D
 Acq: 11 Jul 2025 19:50

Tgt Ion: 75 Resp: 19039
 Ion Ratio Lower Upper
 75 100
 110 9.1 16.8 50.4#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.975 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

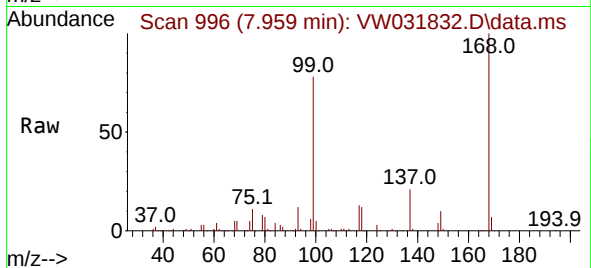
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Acq: 11 Jul 2025 19:50

Instrument :

MSVOA_W

ClientSampleId :



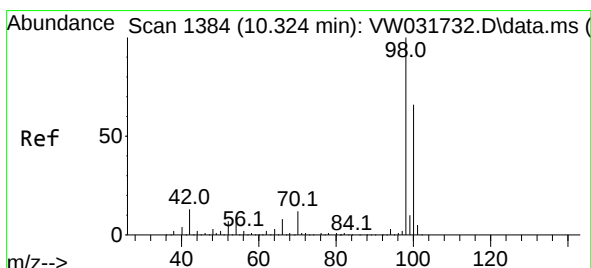
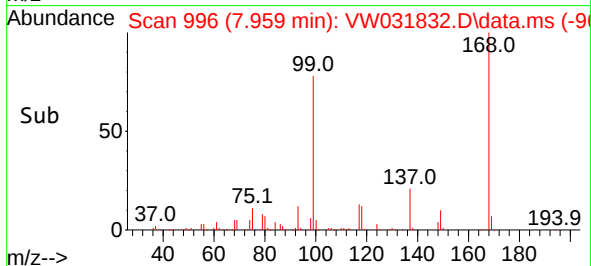
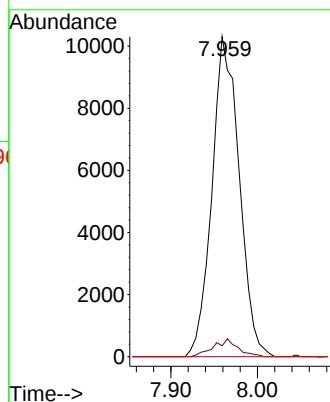
Tgt Ion:117 Resp: 22489

Ion Ratio Lower Upper

117 100

119 3.4 75.0 112.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 44.821 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031832.D

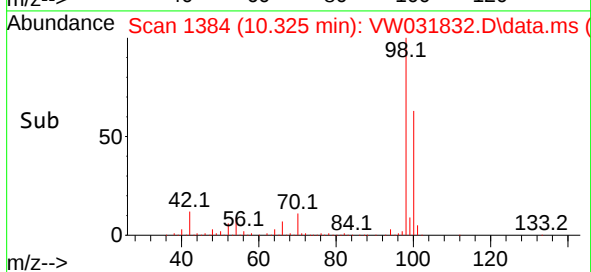
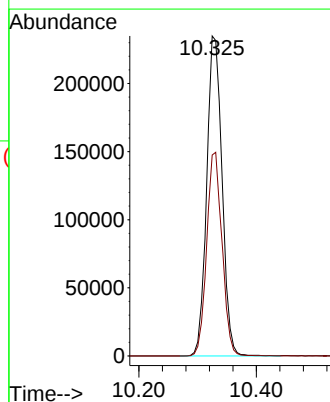
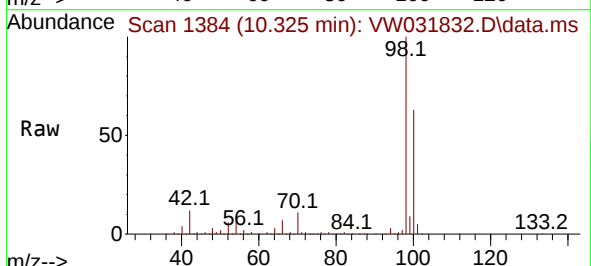
Acq: 11 Jul 2025 19:50

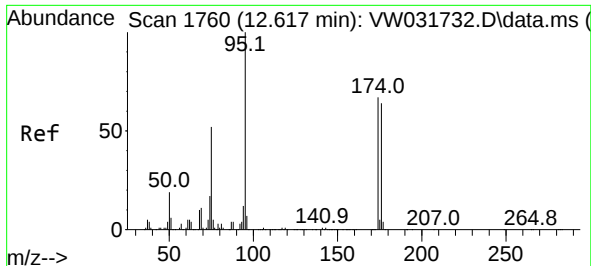
Tgt Ion: 98 Resp: 425761

Ion Ratio Lower Upper

98 100

100 63.7 53.0 79.4

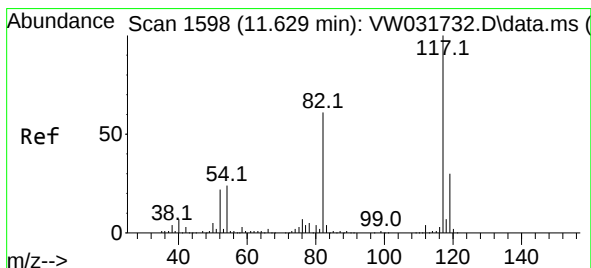
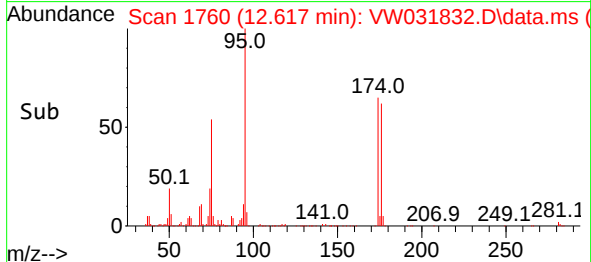
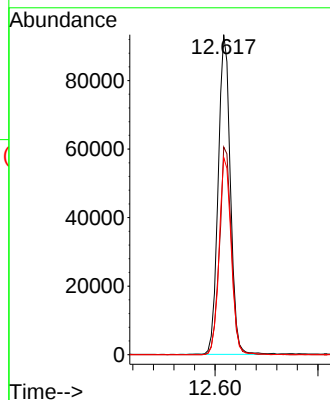
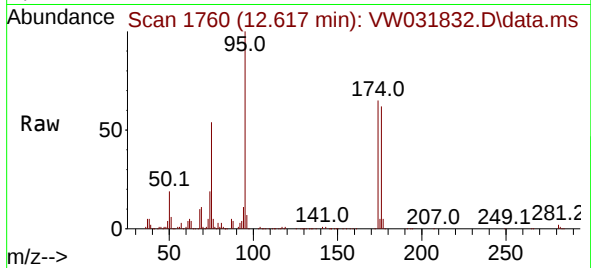




#62
4-Bromofluorobenzene
Concen: 43.766 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

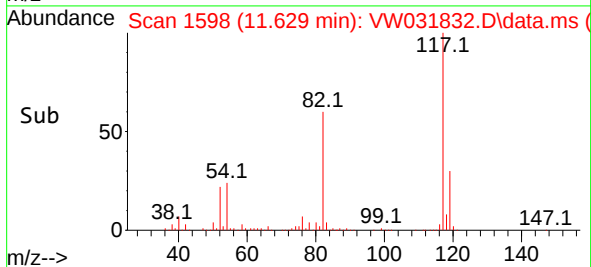
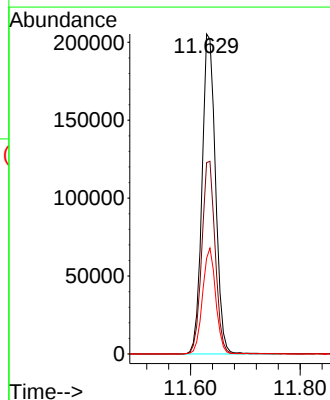
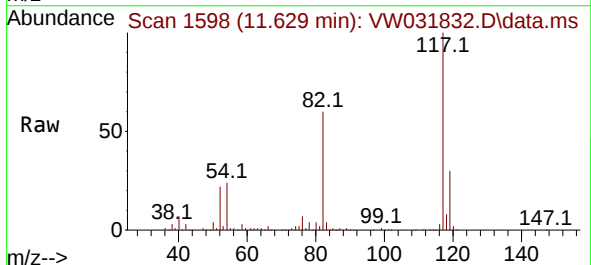
Instrument :
MSVOA_W
ClientSampleId :

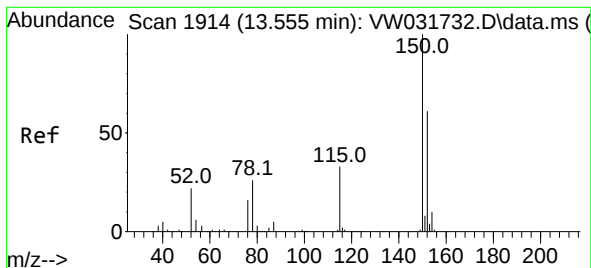
Tgt Ion: 95 Resp: 152992
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.8
176 61.2 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion: 117 Resp: 349744
Ion Ratio Lower Upper
117 100
82 59.8 48.6 72.8
119 29.9 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: VW031832.D

Acq: 11 Jul 2025 19:50

Instrument :

MSVOA_W

ClientSampleId :

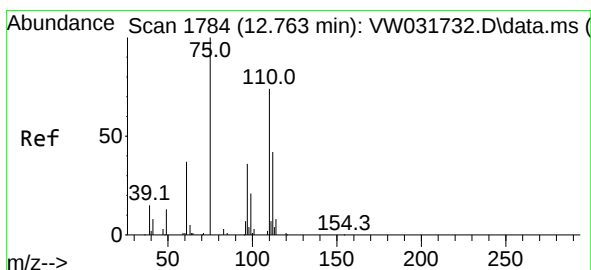
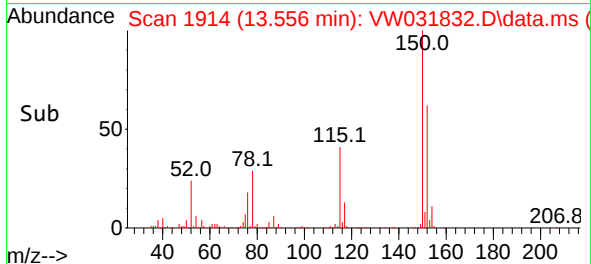
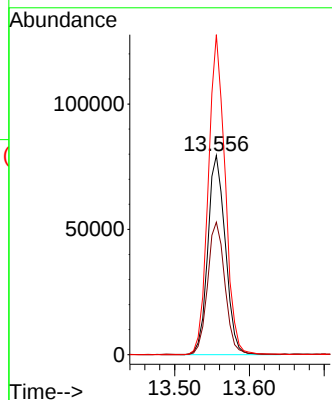
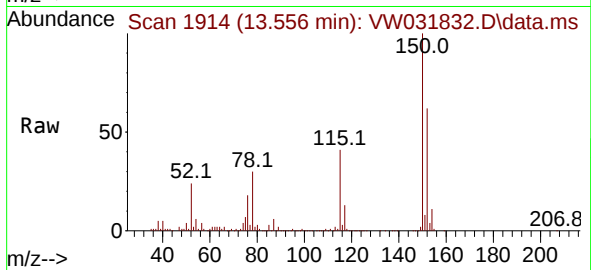
Tgt Ion:152 Resp: 129703

Ion Ratio Lower Upper

152 100

115 65.5 31.9 95.7

150 154.3 0.0 356.4



#76

1,2,3-Trichloropropane

Concen: 47.679 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW031832.D

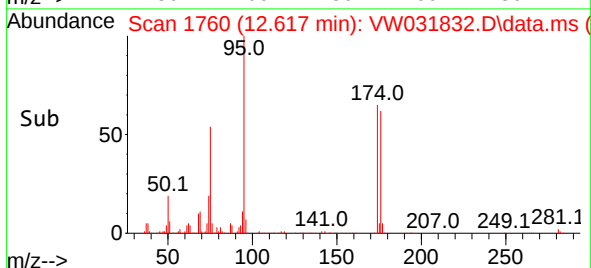
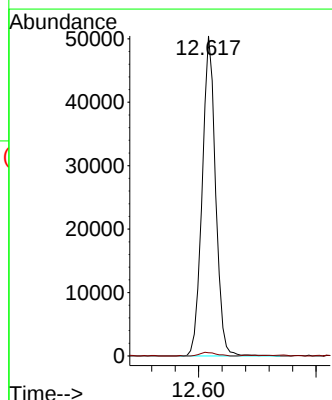
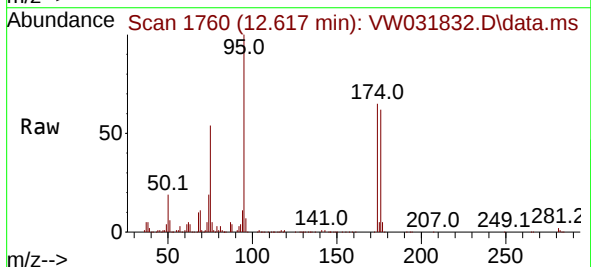
Acq: 11 Jul 2025 19:50

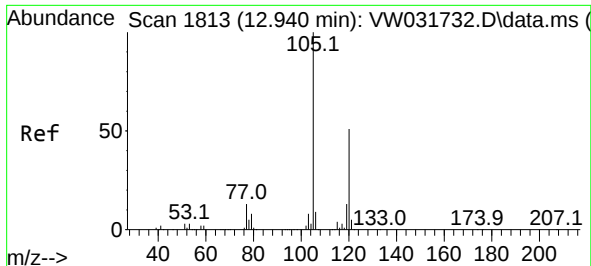
Tgt Ion: 75 Resp: 79916

Ion Ratio Lower Upper

75 100

77 1.4 141.2 423.6#

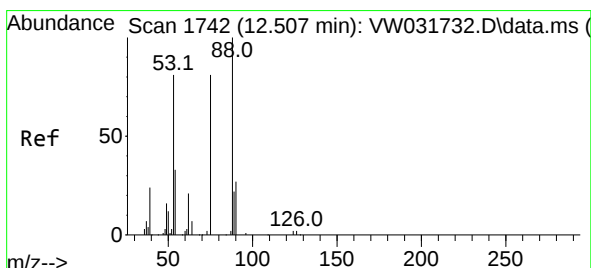
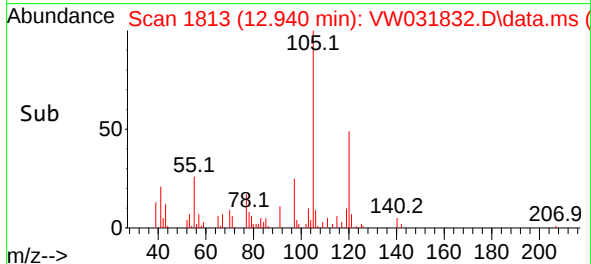
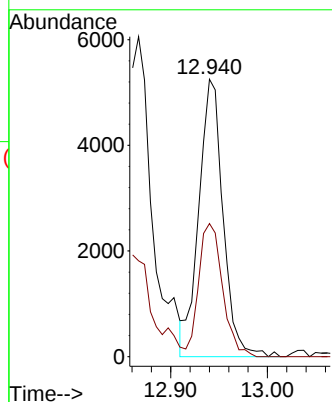
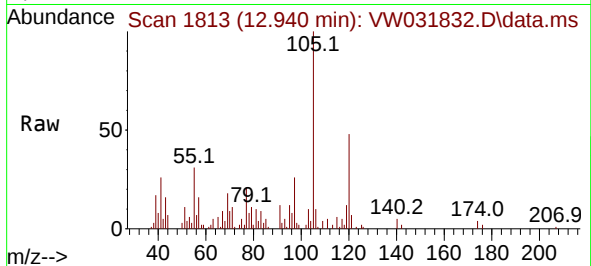




#80
1,3,5-Trimethylbenzene
Concen: 1.123 ug/l
RT: 12.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

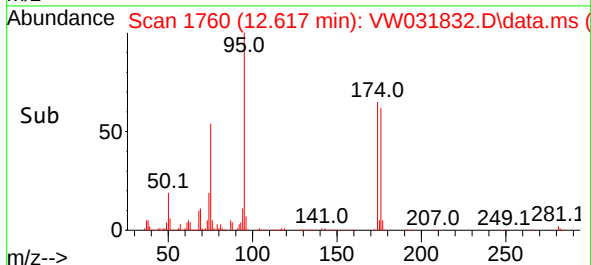
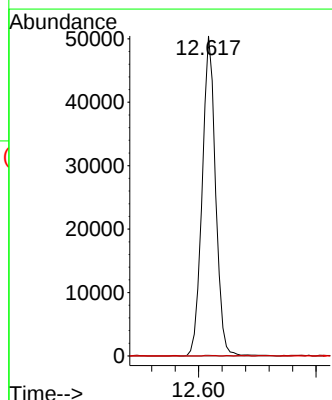
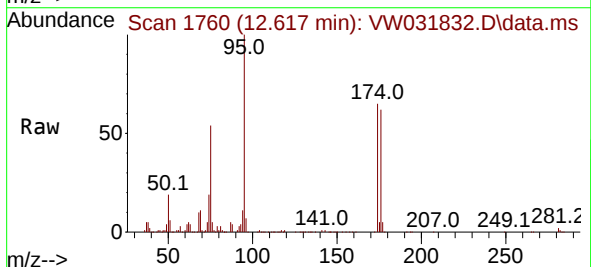
Instrument :
MSVOA_W
ClientSampleId :

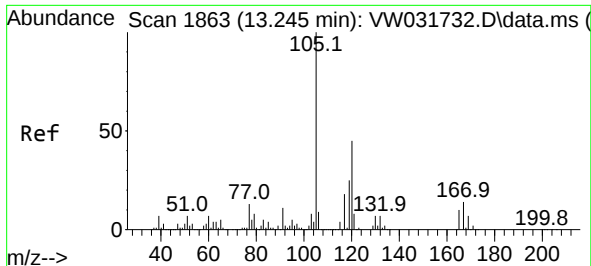
Tgt Ion:105 Resp: 9169
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.2



#81
trans-1,4-Dichloro-2-butene
Concen: 111.052 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion: 75 Resp: 79916
Ion Ratio Lower Upper
75 100
53 0.2 83.5 125.3#
89 0.0 38.3 57.5#

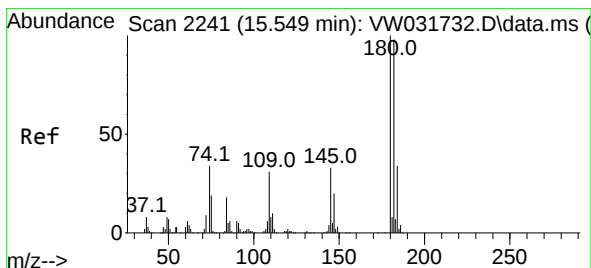
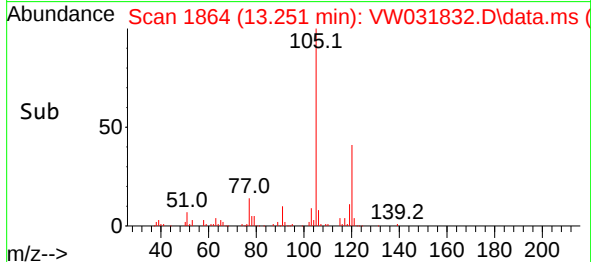
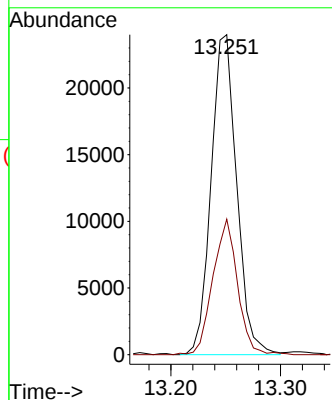
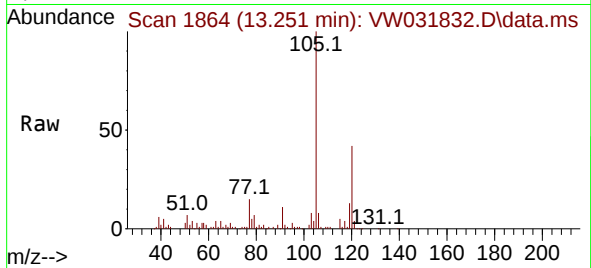




#84
1,2,4-Trimethylbenzene
Concen: 4.708 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 38954
Ion Ratio Lower Upper
105 100
120 40.9 22.1 66.1



#96
1,2,3-Trichlorobenzene
Concen: 9.356 ug/l
RT: 15.568 min Scan# 2244
Delta R.T. 0.019 min
Lab File: VW031832.D
Acq: 11 Jul 2025 19:50

Tgt Ion:180 Resp: 21383
Ion Ratio Lower Upper
180 100
182 0.0 46.4 139.1#
145 111.2 17.8 53.3#

