

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031852.D
 Acq On : 14 Jul 2025 16:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jul 15 02:46:37 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)

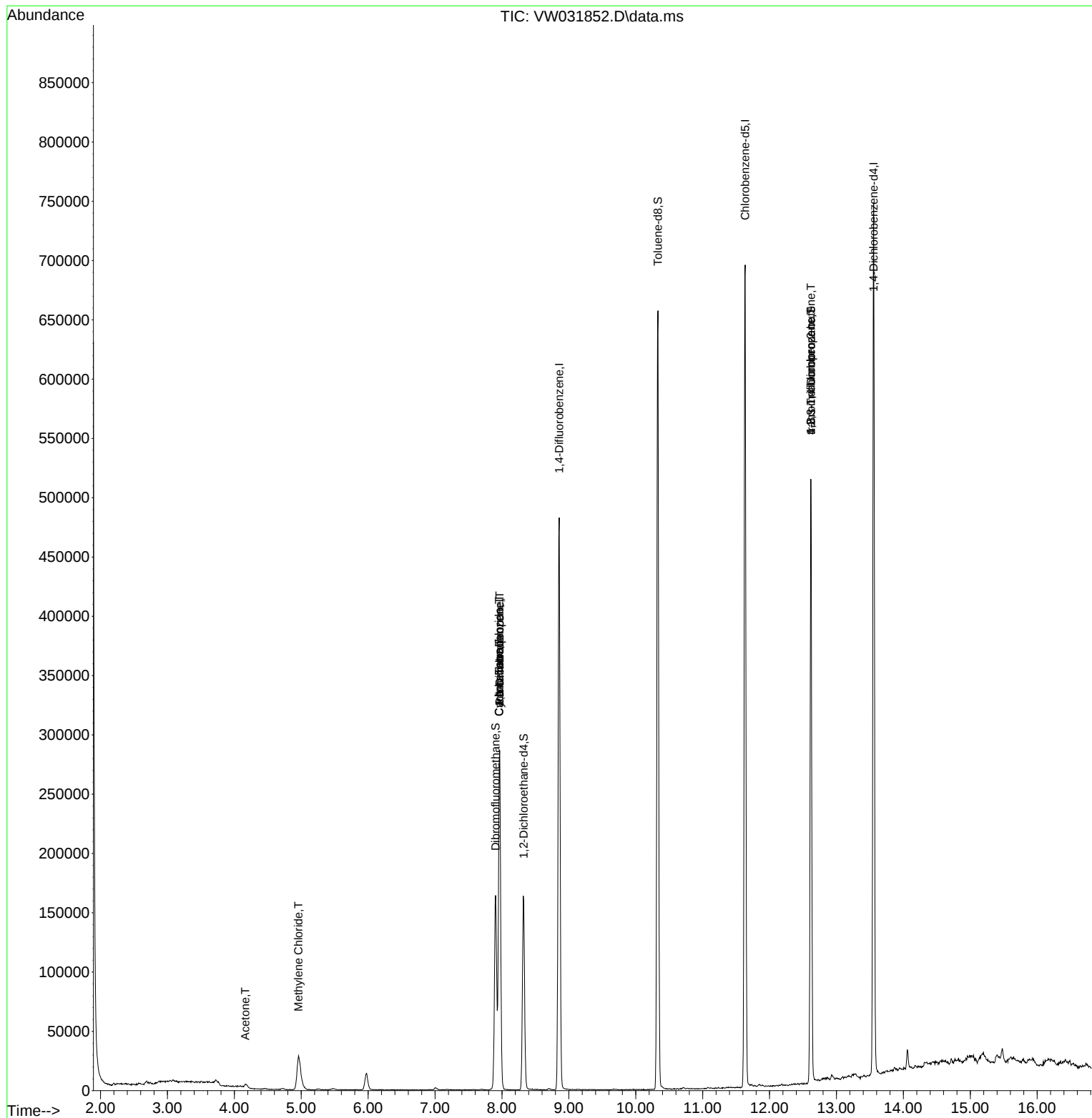
Internal Standards						
1) Pentafluorobenzene	7.965	168	188491	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	405265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	374818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	186601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	135211	49.985	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.960%
35) Dibromofluoromethane	7.904	113	120882	45.710	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	91.420%
50) Toluene-d8	10.331	98	442496	44.963	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	89.920%
62) 4-Bromofluorobenzene	12.617	95	182426	50.371	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	100.740%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	3675	5.496	ug/l	# 85
20) Methylene Chloride	4.960	84	27792	6.491	ug/l	99
31) Cyclohexane	7.959	56	5069	1.316	ug/l	# 1
36) 1,1-Dichloropropene	7.965	75	18731	4.895	ug/l	# 51
38) Carbon Tetrachloride	7.959	117	24449	6.270	ug/l	# 16
76) 1,2,3-Trichloropropane	12.617	75	93755	38.880	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.617	75	93755	90.557	ug/l	# 8

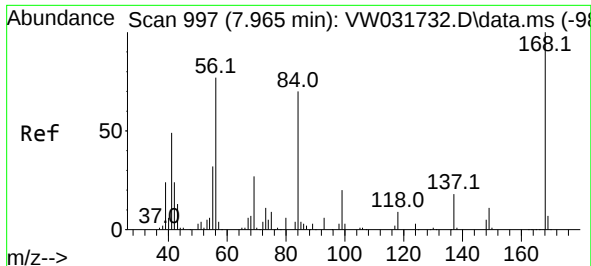
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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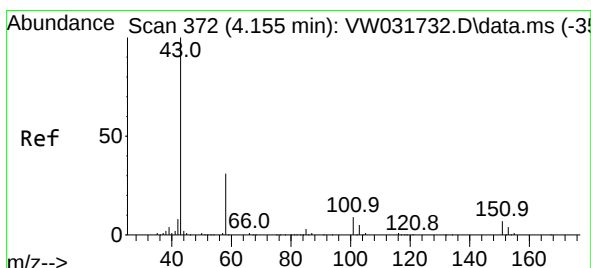
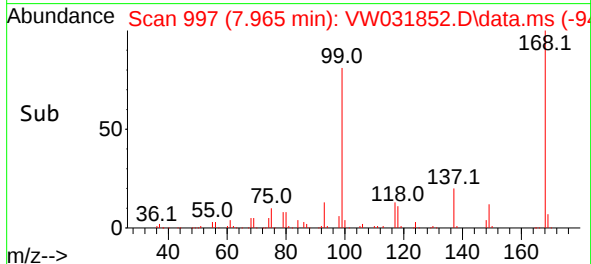
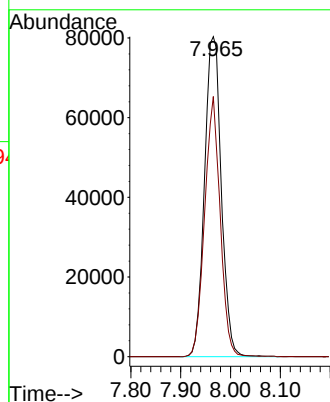
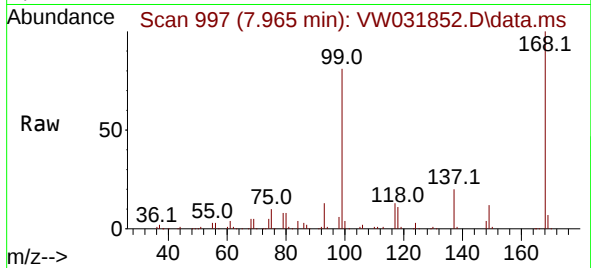




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

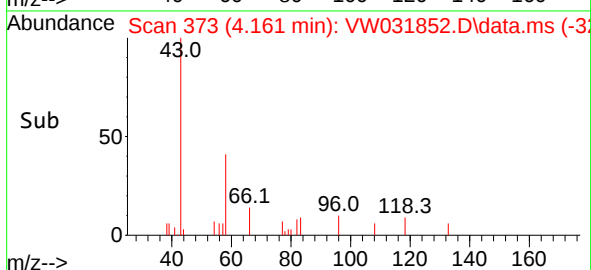
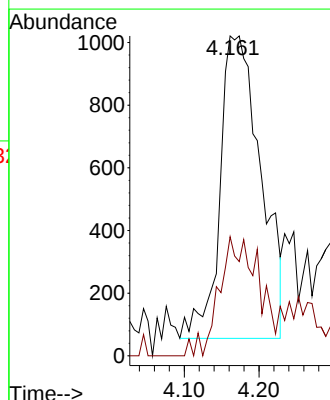
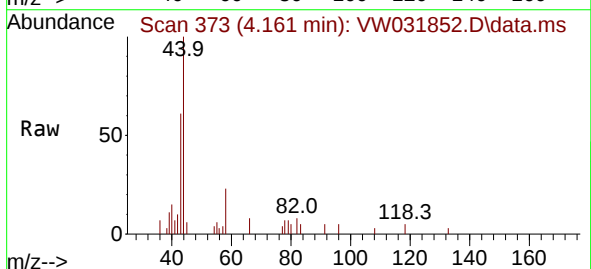
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

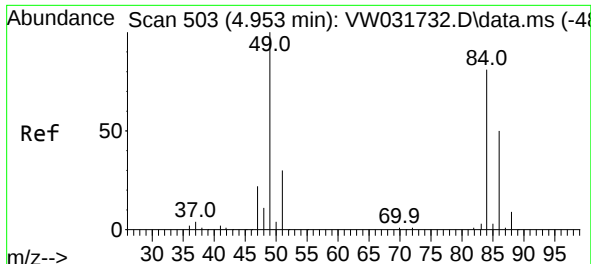
Tgt Ion:168 Resp: 188491
Ion Ratio Lower Upper
168 100
99 81.3 49.4 74.2#



#16
Acetone
Concen: 5.496 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

Tgt Ion: 43 Resp: 3675
Ion Ratio Lower Upper
43 100
58 39.4 24.8 37.2#

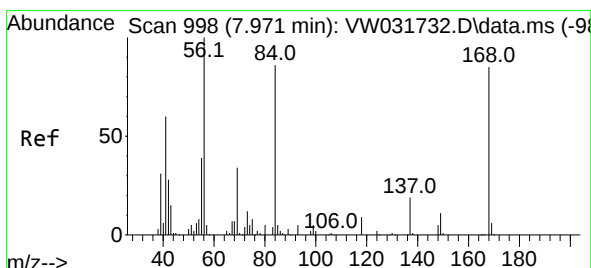
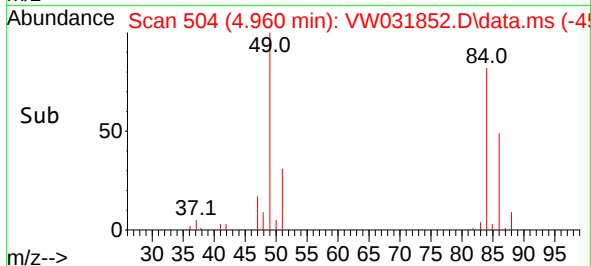
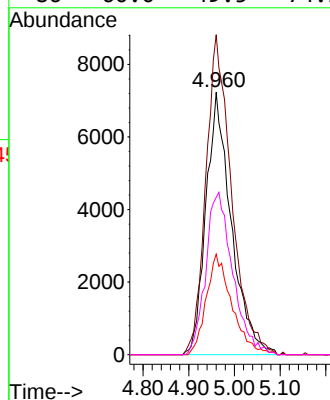
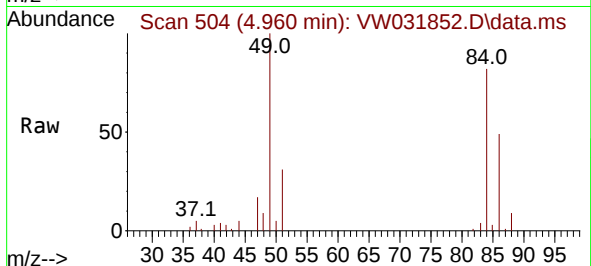




#20
Methylene Chloride
Concen: 6.491 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

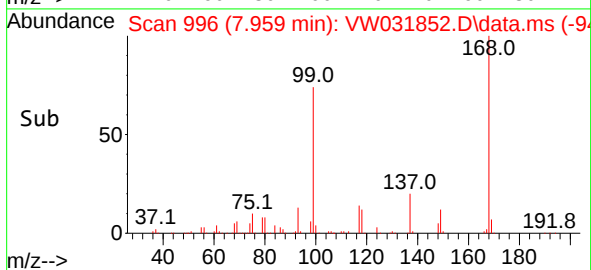
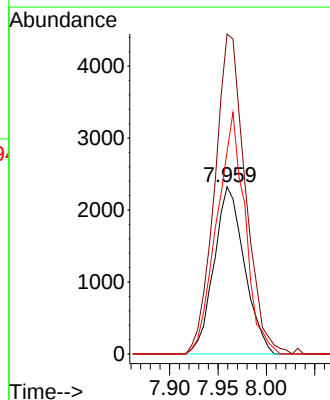
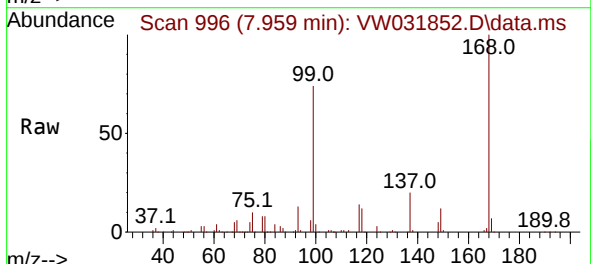
Instrument :
MSVOA_W
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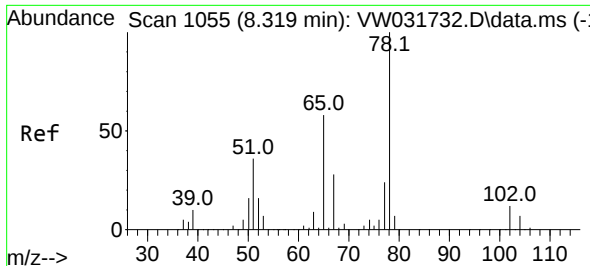
Tgt Ion:	84	Resp:	27792
Ion	Ratio	Lower	Upper
84	100		
49	122.0	98.2	147.4
51	38.3	29.8	44.8
86	60.0	49.5	74.3



#31
Cyclohexane
Concen: 1.316 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

Tgt Ion:	56	Resp:	5069
Ion	Ratio	Lower	Upper
56	100		
69	191.4	27.2	40.8#
84	121.1	68.5	102.7#

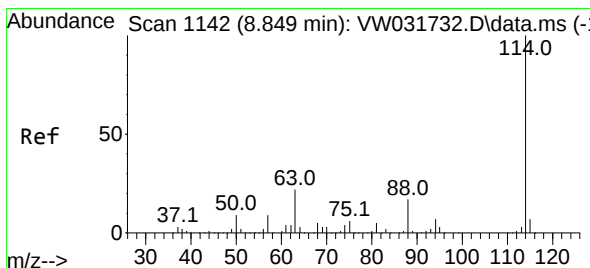
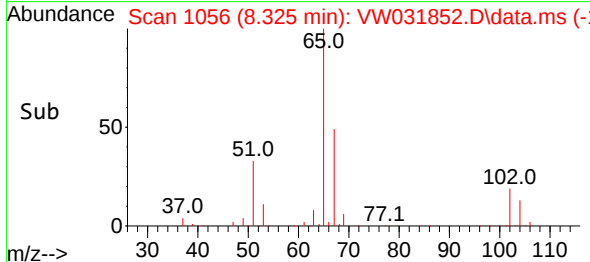
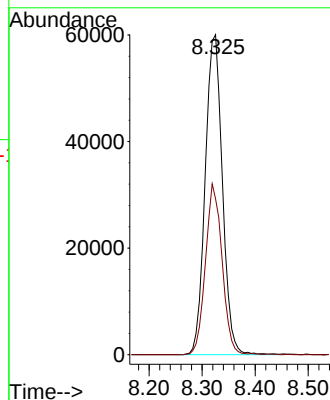
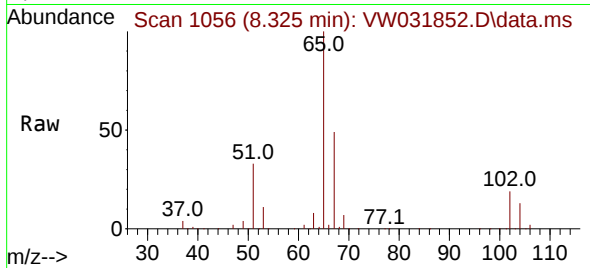




#33
 1,2-Dichloroethane-d4
 Concen: 49.985 ug/l
 RT: 8.325 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VW031852.D
 Acq: 14 Jul 2025 16:14

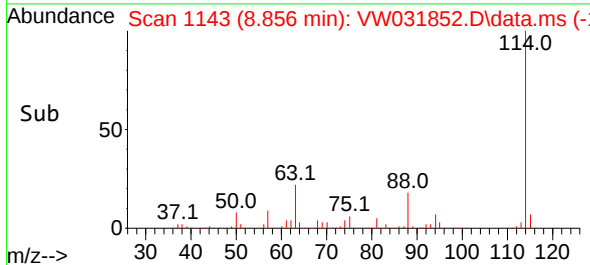
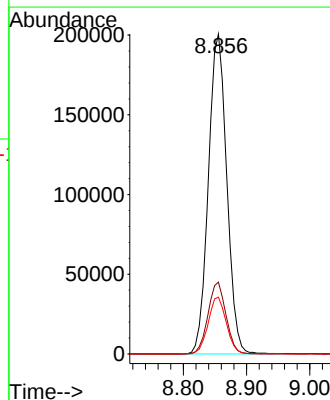
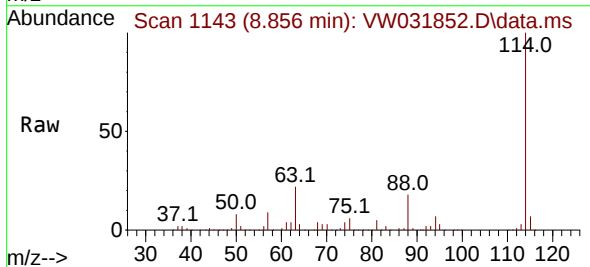
Instrument :
 MSVOA_W
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 VIBLK

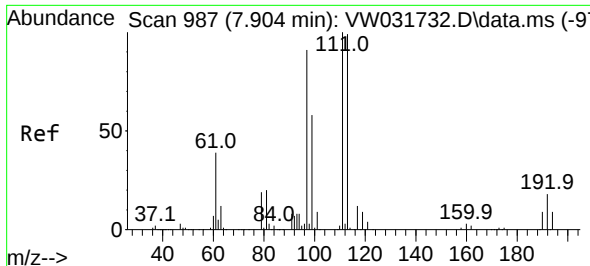
Tgt Ion: 65 Resp: 135211
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031852.D
 Acq: 14 Jul 2025 16:14

Tgt Ion: 114 Resp: 405265
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.6
 88 17.8 0.0 34.2

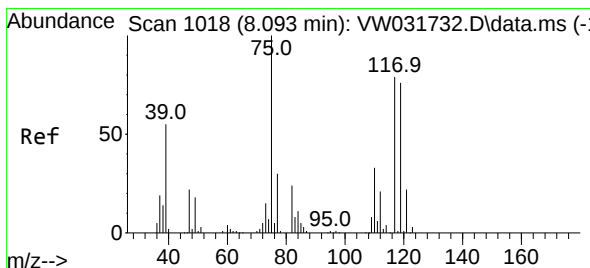
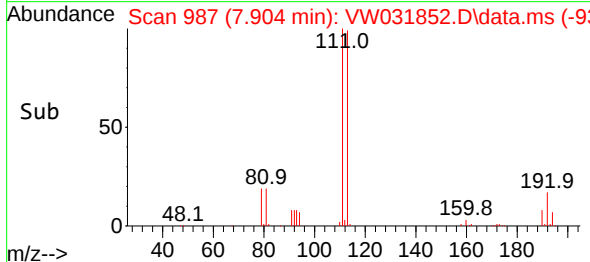
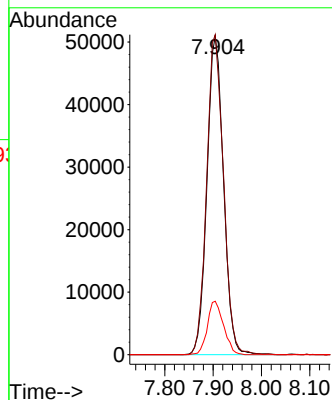
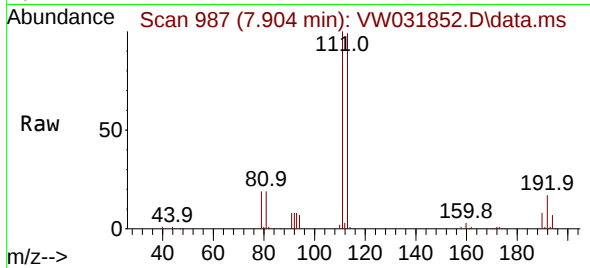




#35
 Dibromofluoromethane
 Concen: 45.710 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031852.D
 Acq: 14 Jul 2025 16:14

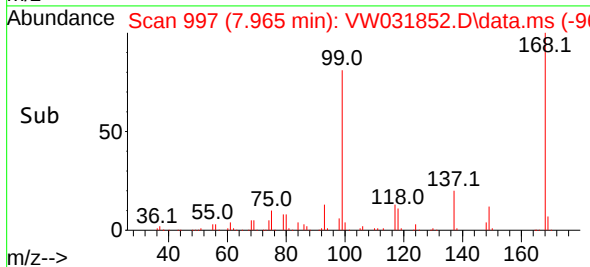
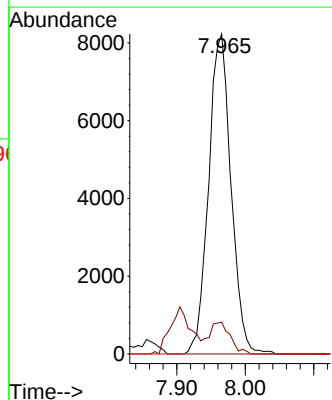
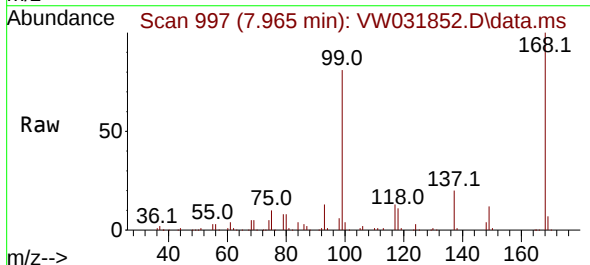
Instrument :
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 ClientSampleId :
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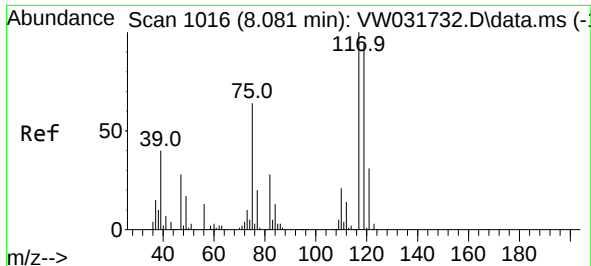
Tgt Ion:113 Resp: 120882
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.1 123.1
 192 16.4 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 4.895 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.128 min
 Lab File: VW031852.D
 Acq: 14 Jul 2025 16:14

Tgt Ion: 75 Resp: 18731
 Ion Ratio Lower Upper
 75 100
 110 9.4 16.8 50.4#
 77 0.0 25.0 37.6#

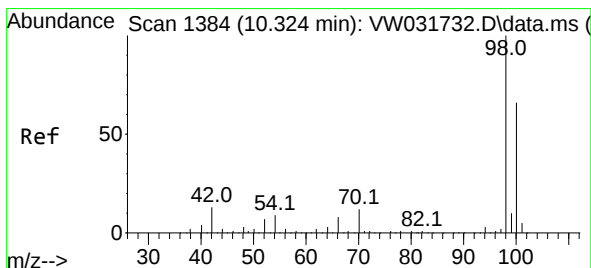
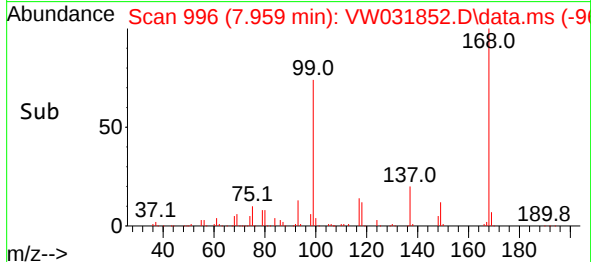
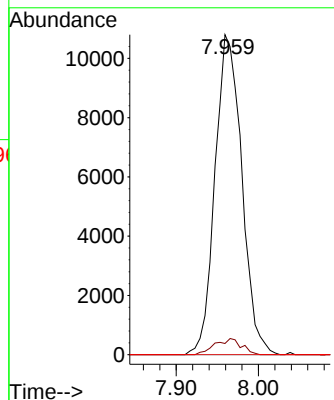
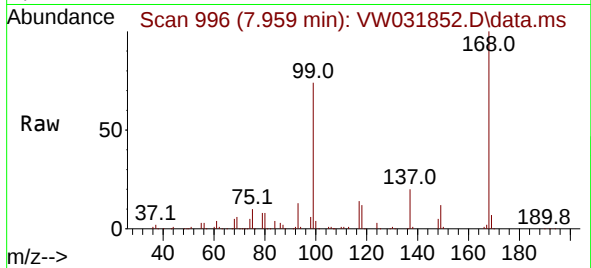




#38
Carbon Tetrachloride
Concen: 6.270 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

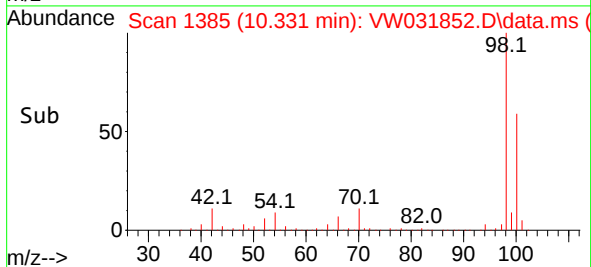
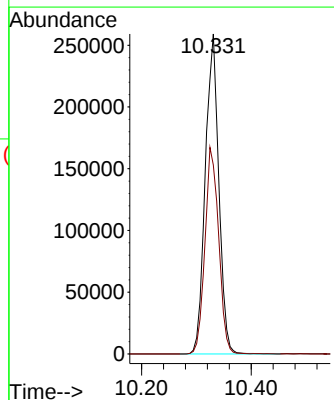
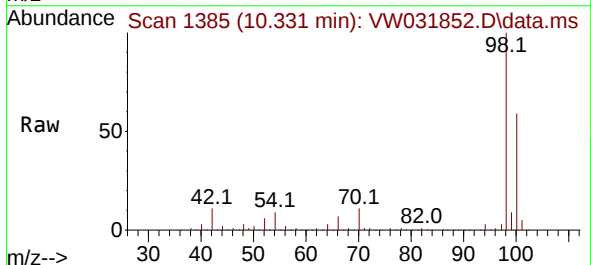
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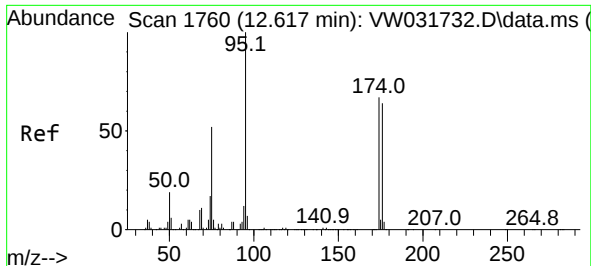
Tgt Ion:117 Resp: 24449
Ion Ratio Lower Upper
117 100
119 3.5 75.0 112.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.963 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

Tgt Ion: 98 Resp: 442496
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

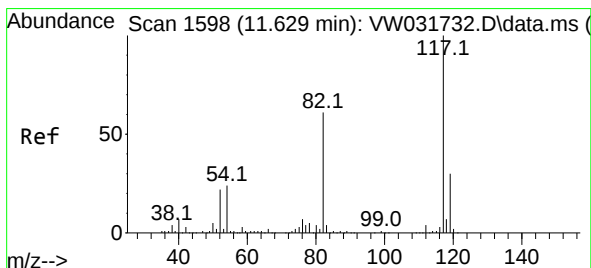
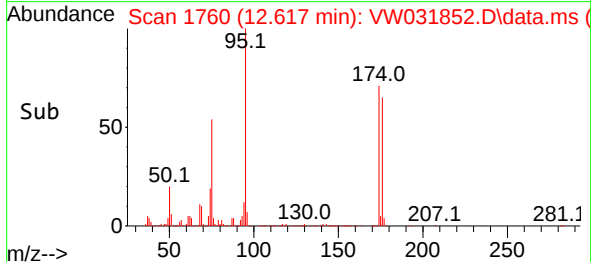
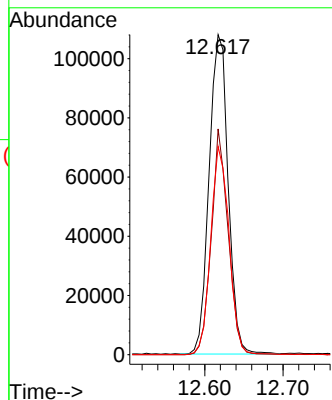
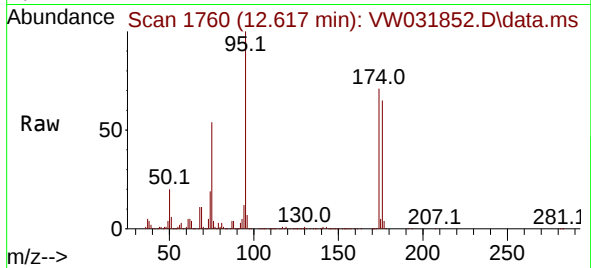




#62
4-Bromofluorobenzene
Concen: 50.371 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

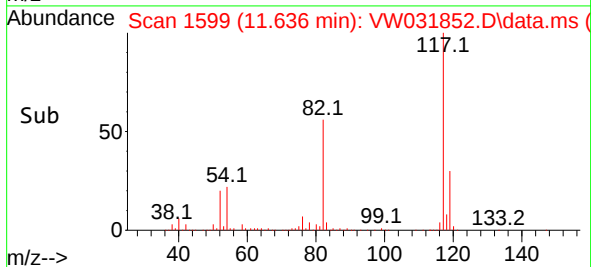
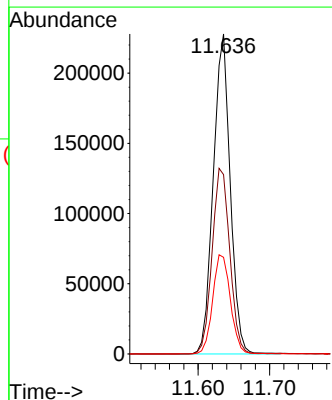
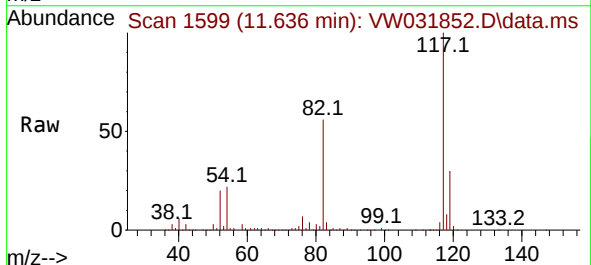
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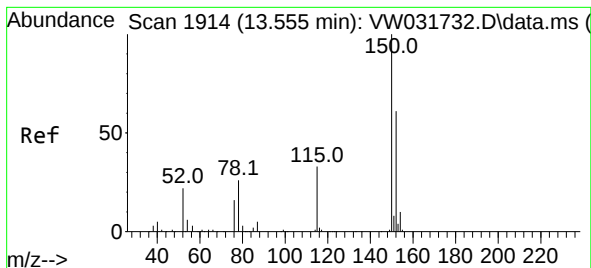
Tgt Ion: 95 Resp: 182426
Ion Ratio Lower Upper
95 100
174 62.6 0.0 133.8
176 63.0 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1599
Delta R.T. 0.007 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

Tgt Ion: 117 Resp: 374818
Ion Ratio Lower Upper
117 100
82 56.0 48.6 72.8
119 30.2 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: VW031852.D

Acq: 14 Jul 2025 16:14

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

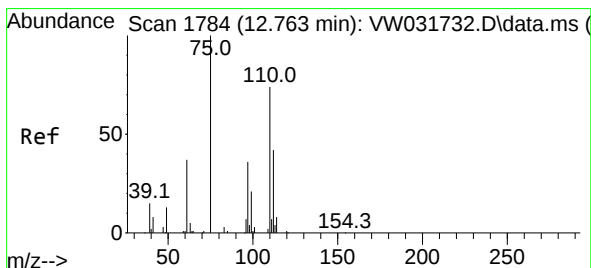
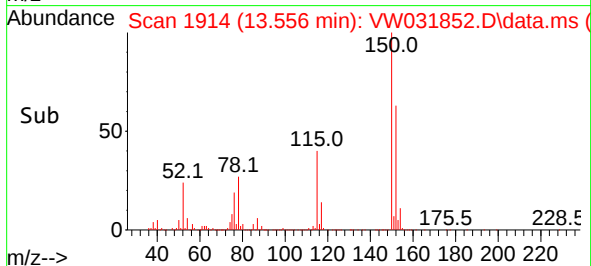
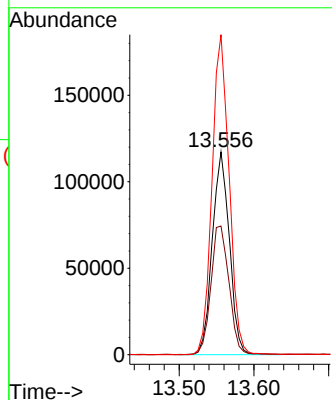
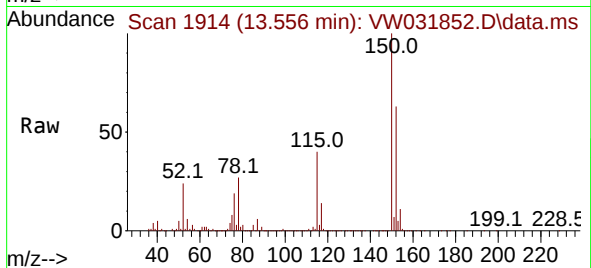
Tgt Ion:152 Resp: 186601

Ion Ratio Lower Upper

152 100

115 67.3 31.9 95.7

150 157.4 0.0 356.4



#76

1,2,3-Trichloropropane

Concen: 38.880 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW031852.D

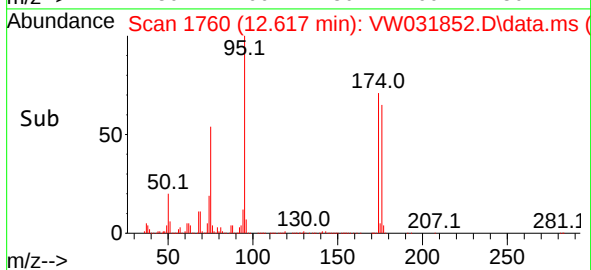
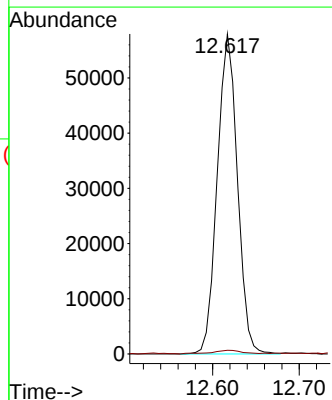
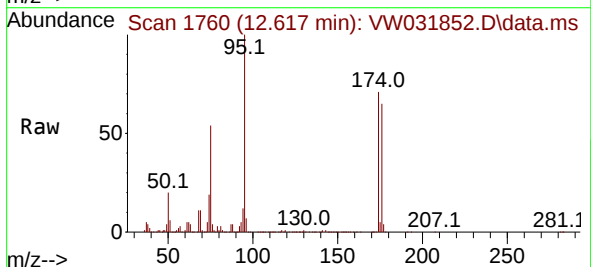
Acq: 14 Jul 2025 16:14

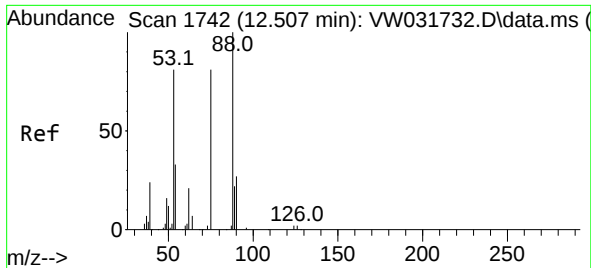
Tgt Ion: 75 Resp: 93755

Ion Ratio Lower Upper

75 100

77 1.7 141.2 423.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.557 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.110 min
Lab File: VW031852.D
Acq: 14 Jul 2025 16:14

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 93755
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.1 38.3 57.5#

