

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031801.D
 Acq On : 10 Jul 2025 14:30
 Operator : SY/MD
 Sample : Q2529-08
 Misc : 3.89g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-89

Quant Time: Jul 11 02:21:09 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)

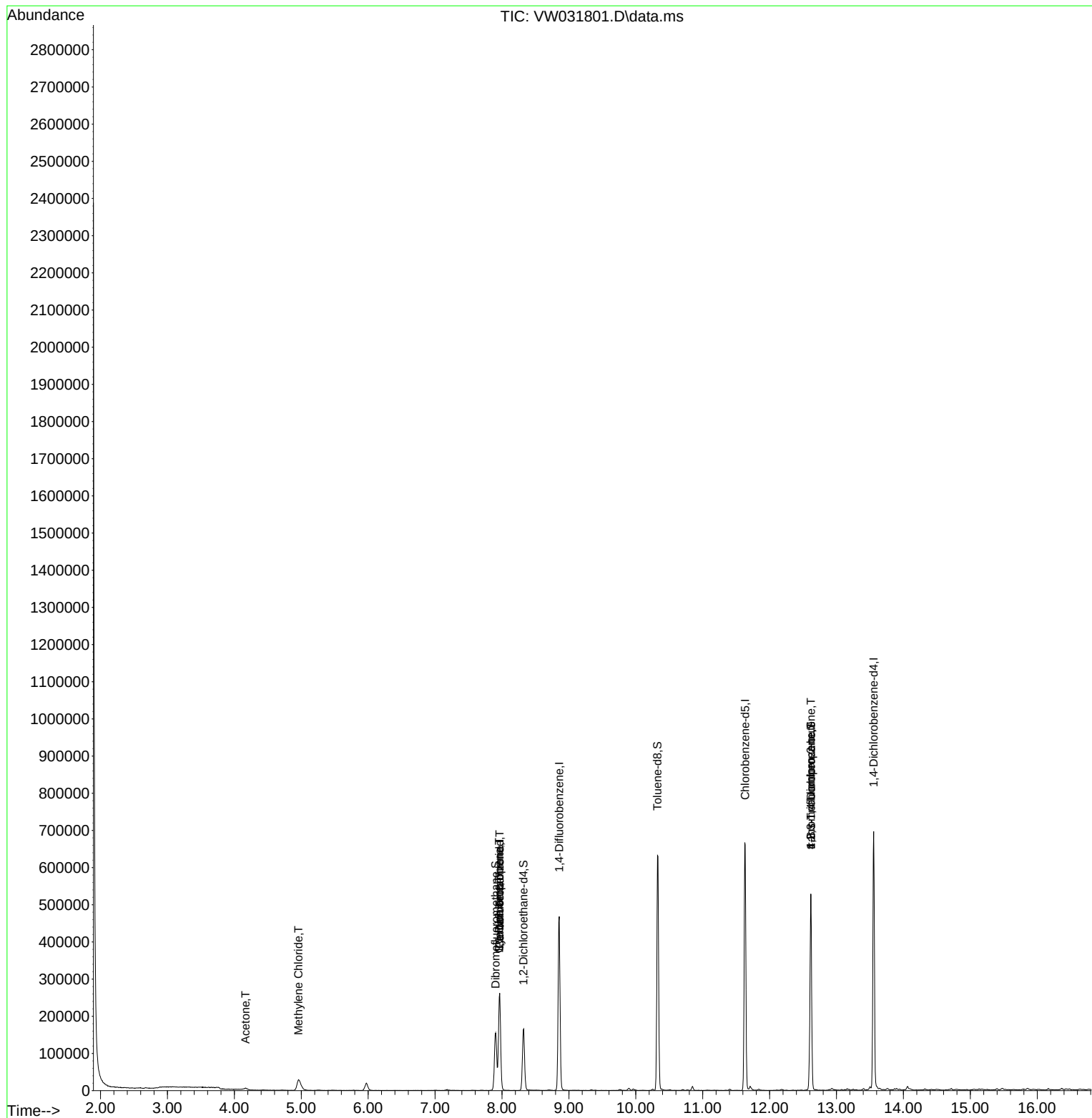
Internal Standards						
1) Pentafluorobenzene	7.965	168	174642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	393151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	366298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	138054	55.083	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 110.160%		
35) Dibromofluoromethane	7.904	113	116738	45.503	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 91.000%		
50) Toluene-d8	10.325	98	428866	44.921	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 89.840%		
62) 4-Bromofluorobenzene	12.617	95	171272	48.749	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 97.500%		
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	7296	11.778	ug/l	93
20) Methylene Chloride	4.960	84	25745	6.489	ug/l	91
31) Cyclohexane	7.959	56	4763	1.335	ug/l #	25
36) 1,1-Dichloropropene	7.959	75	16775	4.519	ug/l #	49
38) Carbon Tetrachloride	7.965	117	20389	5.390	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	90627	40.304	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	90627	93.874	ug/l #	8

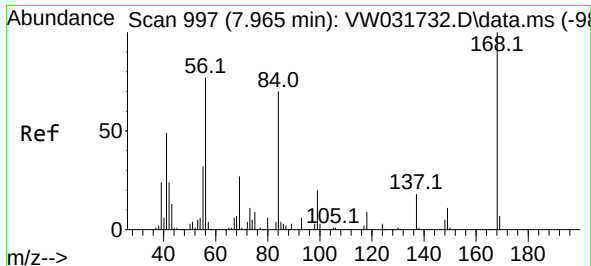
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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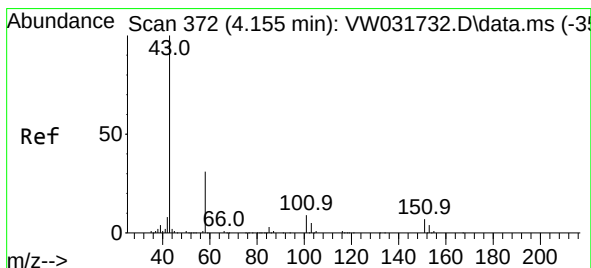
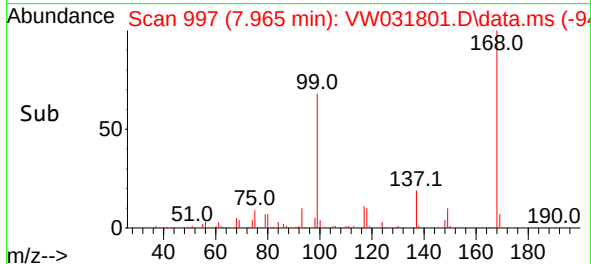
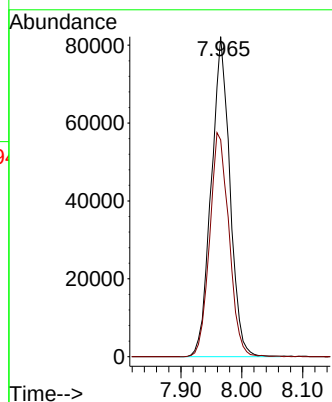
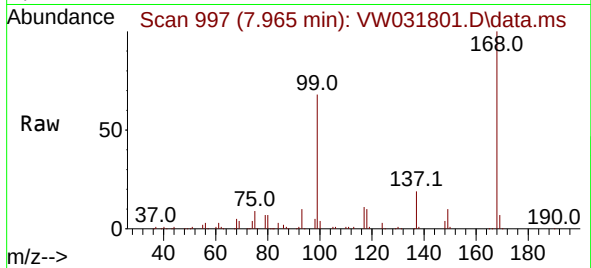




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

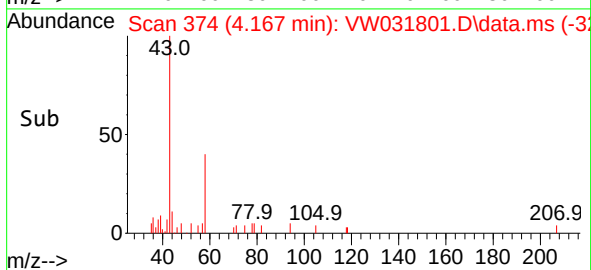
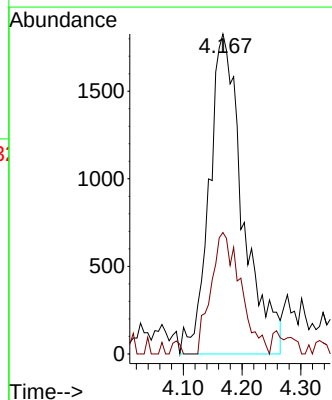
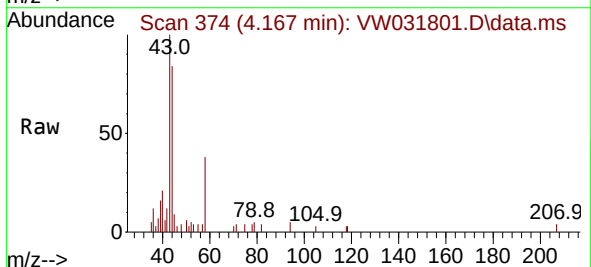
Instrument :
MSVOA_W
ClientSampleId :
TP-89

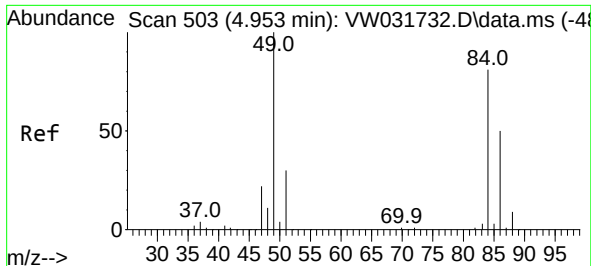
Tgt Ion:168 Resp: 174642
Ion Ratio Lower Upper
168 100
99 67.7 49.4 74.2



#16
Acetone
Concen: 11.778 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.013 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

Tgt Ion: 43 Resp: 7296
Ion Ratio Lower Upper
43 100
58 34.9 24.8 37.2

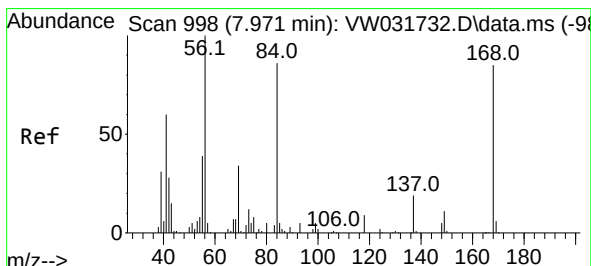
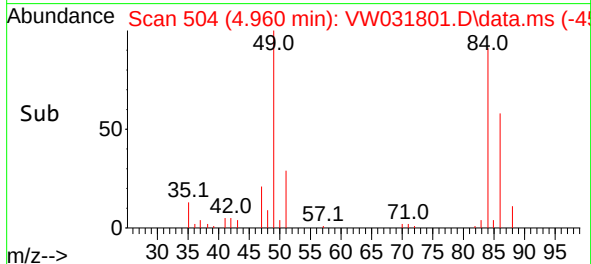
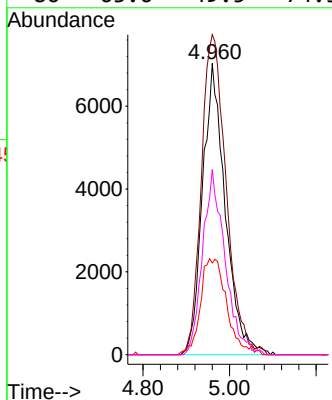
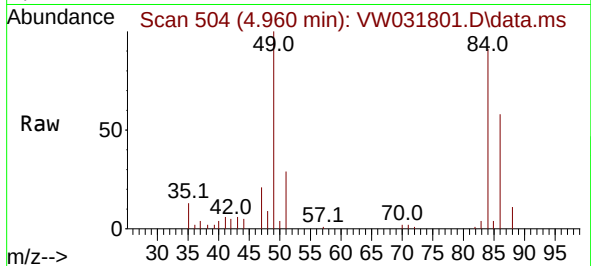




#20
Methylene Chloride
Concen: 6.489 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

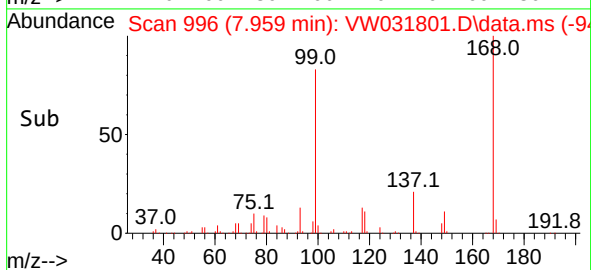
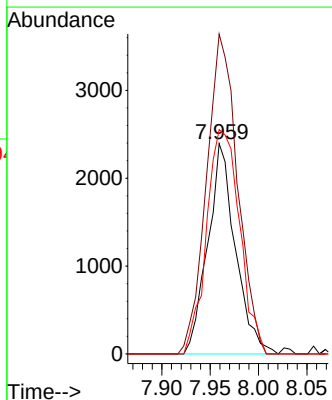
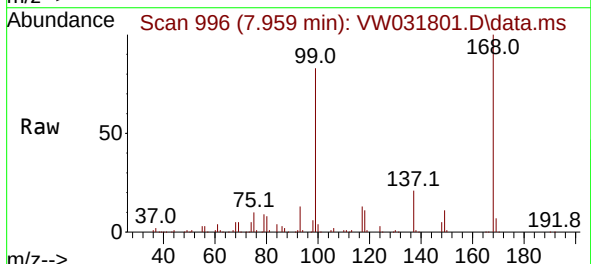
Instrument :
MSVOA_W
ClientSampleId :
TP-89

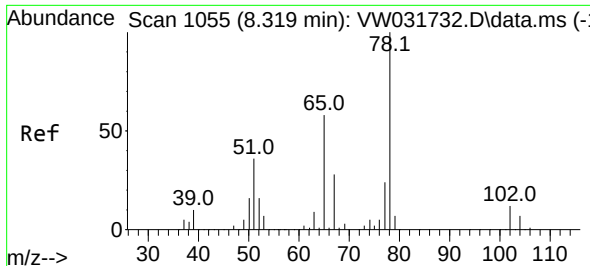
Tgt Ion:	84	Resp:	25745
Ion	Ratio	Lower	Upper
84	100		
49	109.8	98.2	147.4
51	31.5	29.8	44.8
86	63.6	49.5	74.3



#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

Tgt Ion:	56	Resp:	4763
Ion	Ratio	Lower	Upper
56	100		
69	152.1	27.2	40.8#
84	106.6	68.5	102.7#

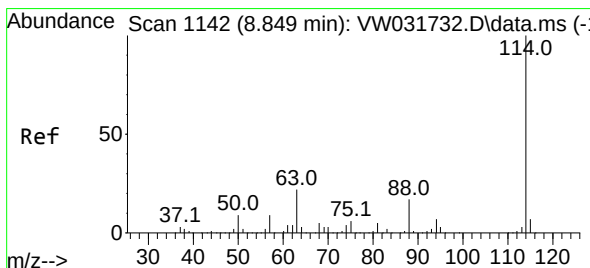
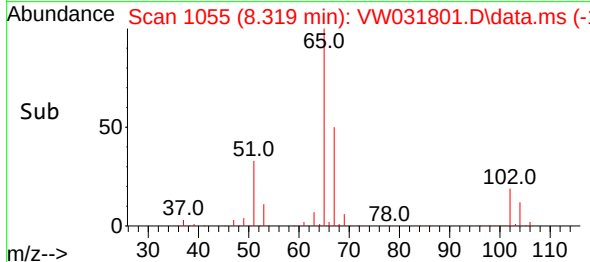
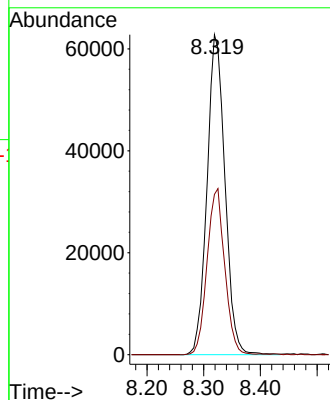
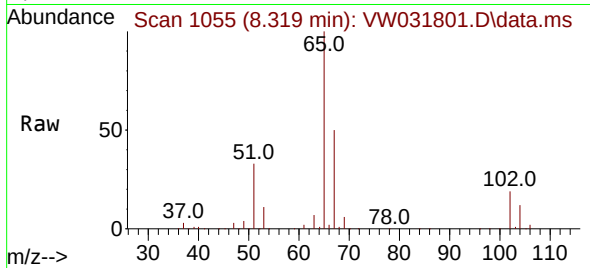




#33
1,2-Dichloroethane-d4
Concen: 55.083 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

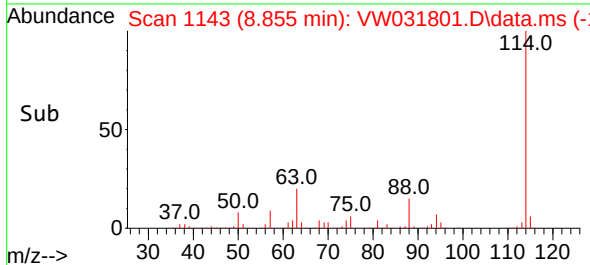
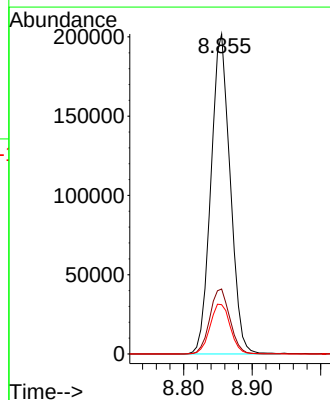
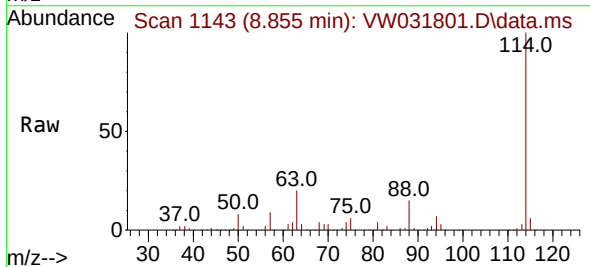
Instrument :
MSVOA_W
ClientSampleId :
TP-89

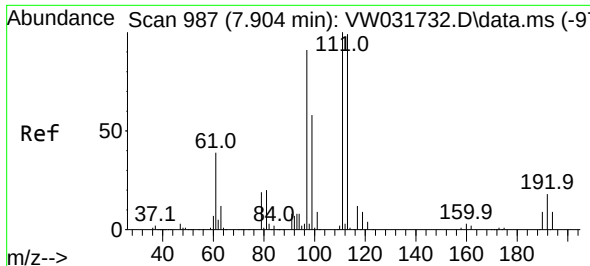
Tgt Ion: 65 Resp: 138054
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

Tgt Ion: 114 Resp: 393151
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.6
88 15.4 0.0 34.2

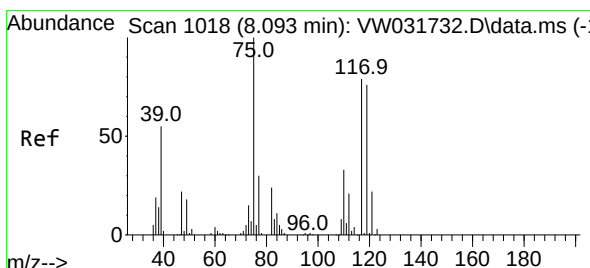
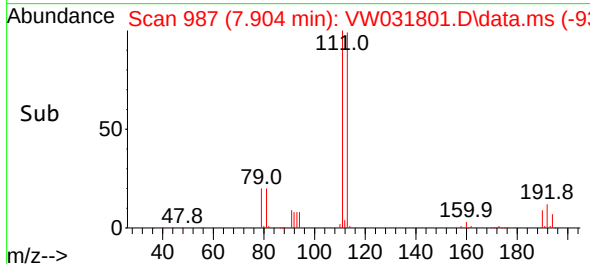
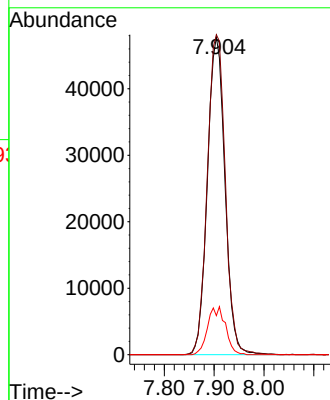
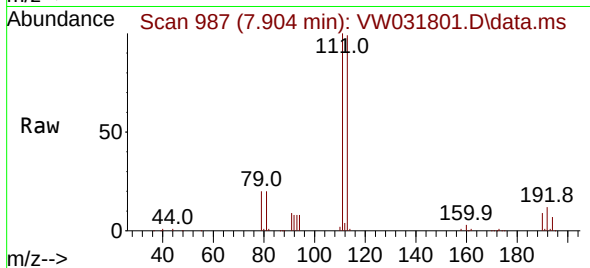




#35
 Dibromofluoromethane
 Concen: 45.503 ug/l
 RT: 7.904 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VW031801.D
 Acq: 10 Jul 2025 14:30

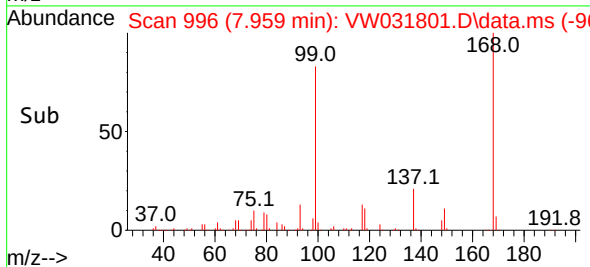
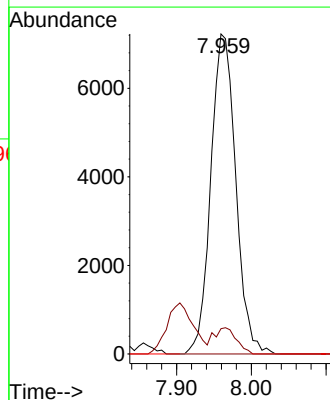
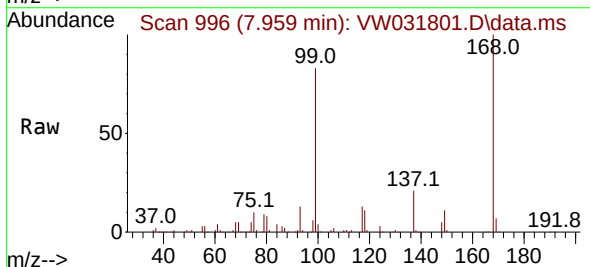
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-89

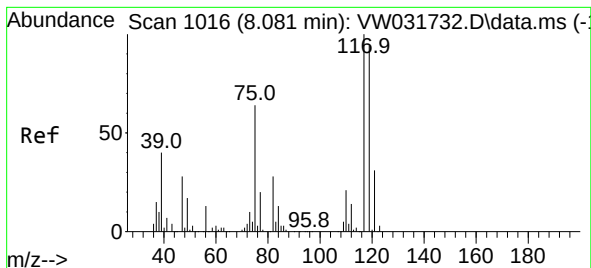
Tgt Ion: 113 Resp: 116738
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.1 123.1
 192 15.3 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031801.D
 Acq: 10 Jul 2025 14:30

Tgt Ion: 75 Resp: 16775
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.8 50.4#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.390 ug/l

RT: 7.965 min Scan# 997

Delta R.T. -0.116 min

Lab File: VW031801.D

Acq: 10 Jul 2025 14:30

Instrument :

MSVOA_W

ClientSampleId :

TP-89

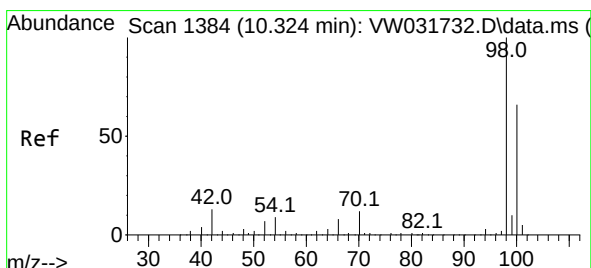
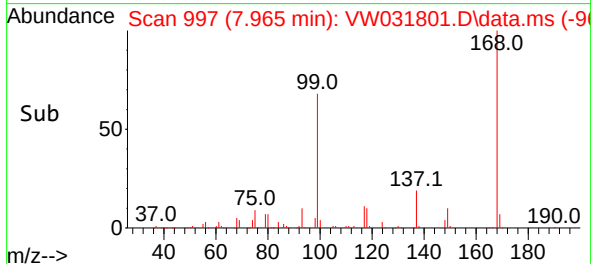
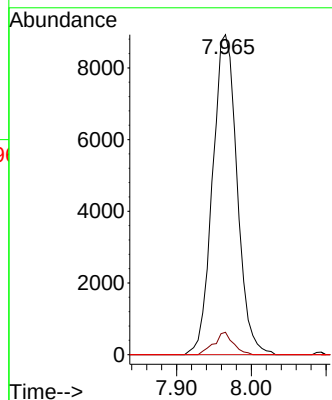
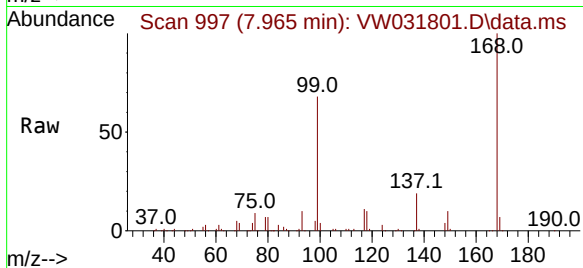
Tgt Ion:117 Resp: 20389

Ion Ratio Lower Upper

117 100

119 7.0 75.0 112.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 44.921 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031801.D

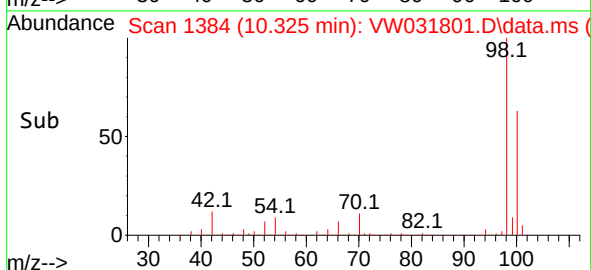
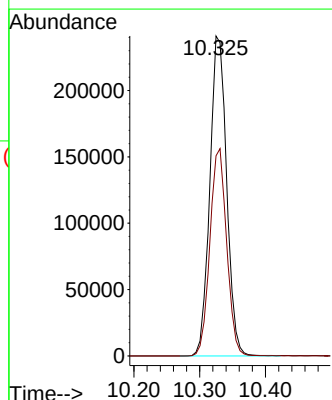
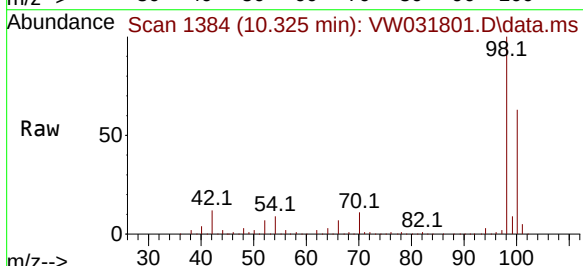
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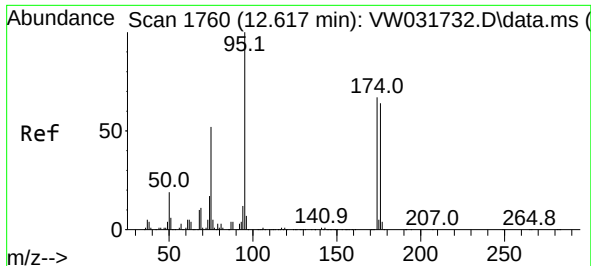
Tgt Ion: 98 Resp: 428866

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4

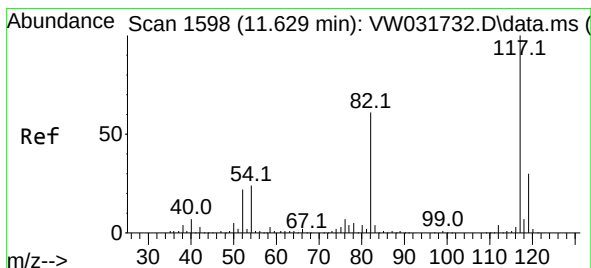
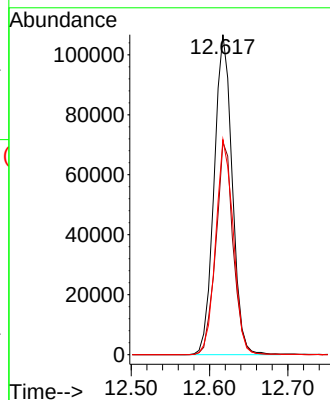
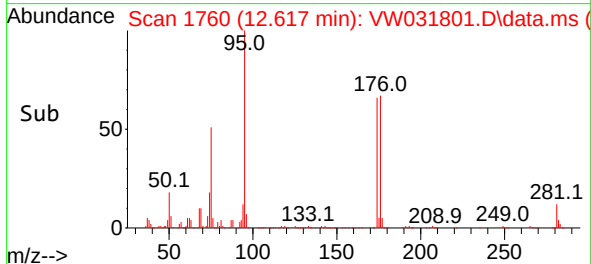
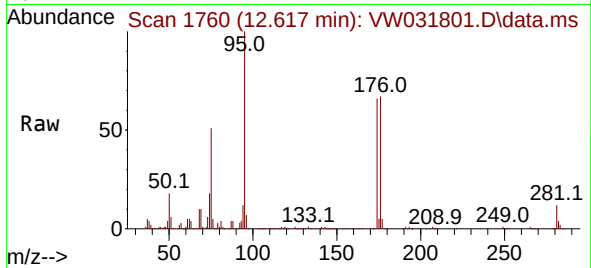




#62
4-Bromofluorobenzene
Concen: 48.749 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

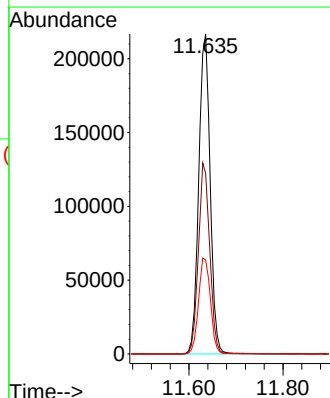
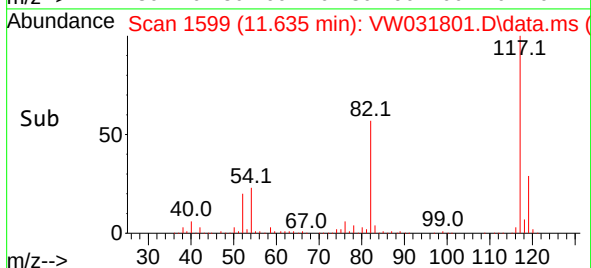
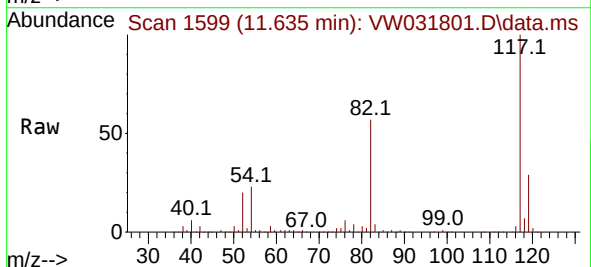
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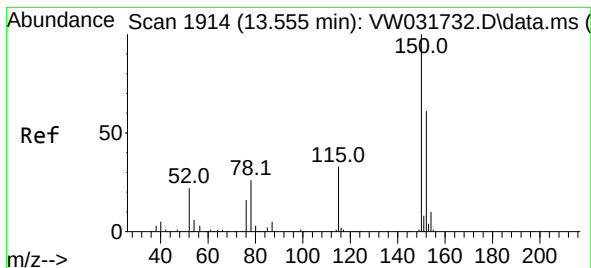
Tgt Ion: 95 Resp: 171272
Ion Ratio Lower Upper
95 100
174 63.8 0.0 133.8
176 65.6 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

Tgt Ion: 117 Resp: 366298
Ion Ratio Lower Upper
117 100
82 56.5 48.6 72.8
119 29.3 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: VW031801.D

Acq: 10 Jul 2025 14:30

Instrument :

MSVOA_W

ClientSampleId :

TP-89

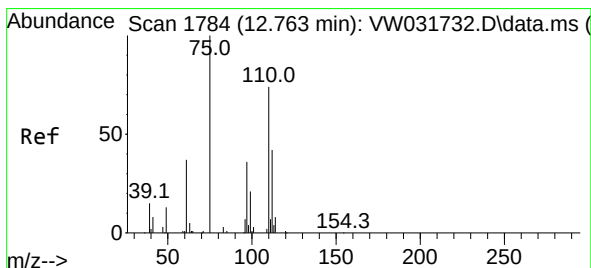
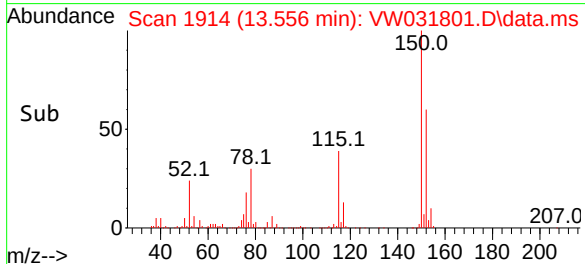
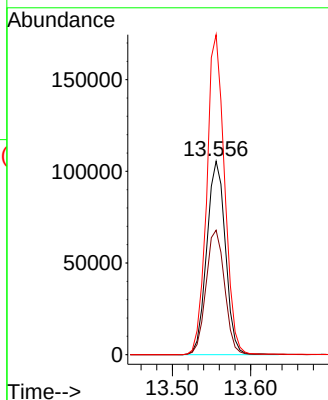
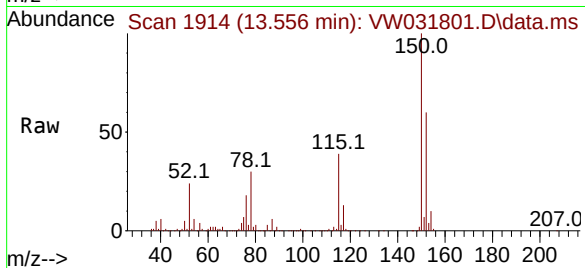
Tgt Ion:152 Resp: 174003

Ion Ratio Lower Upper

152 100

115 64.4 31.9 95.7

150 158.2 0.0 356.4



#76

1,2,3-Trichloropropane

Concen: 40.304 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW031801.D

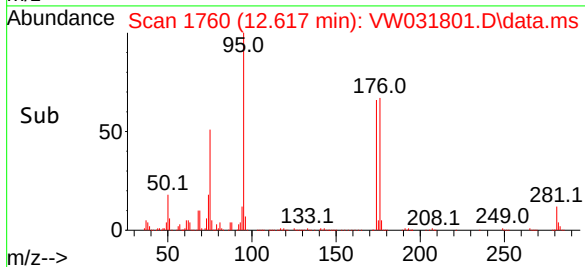
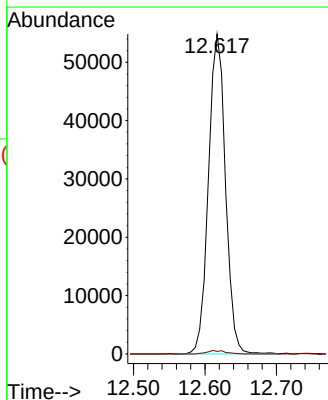
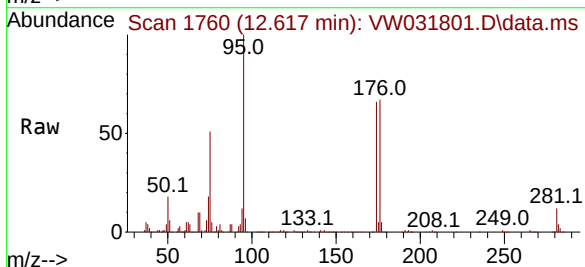
Acq: 10 Jul 2025 14:30

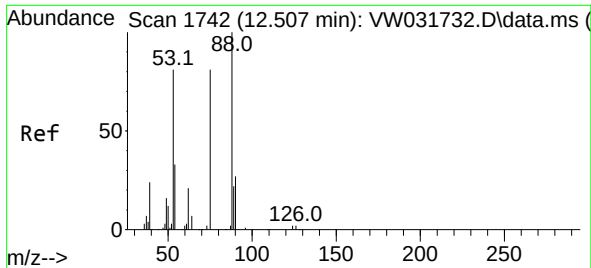
Tgt Ion: 75 Resp: 90627

Ion Ratio Lower Upper

75 100

77 1.2 141.2 423.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.874 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.110 min
Lab File: VW031801.D
Acq: 10 Jul 2025 14:30

Instrument :
MSVOA_W
ClientSampleId :
TP-89

Tgt Ion: 75 Resp: 90627
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.1 38.3 57.5#

