

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031803.D
 Acq On : 10 Jul 2025 15:14
 Operator : SY/MD
 Sample : Q2529-10
 Misc : 5.02g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30

Quant Time: Jul 11 02:21:58 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)

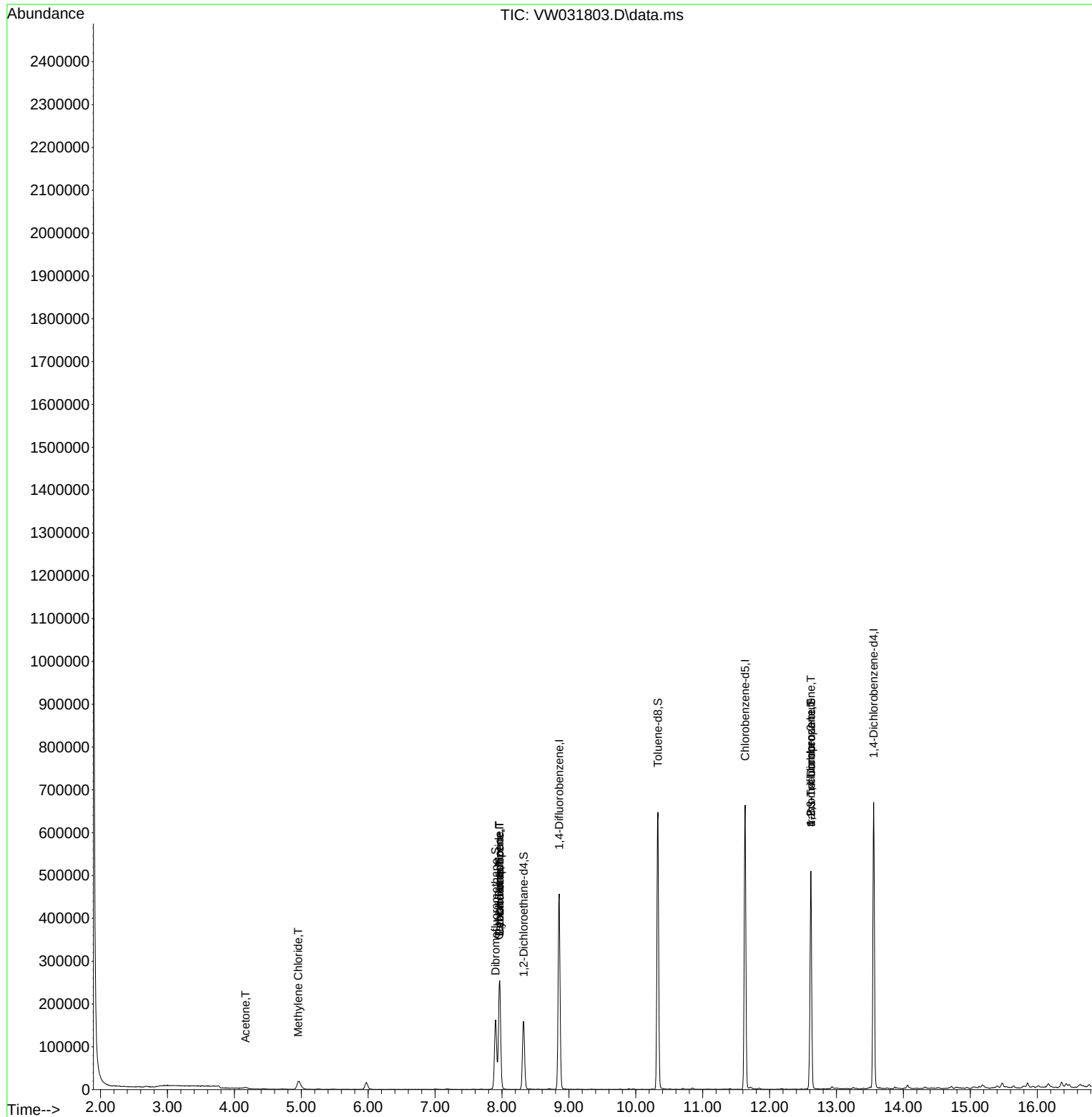
Internal Standards						
1) Pentafluorobenzene	7.965	168	174243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	376543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	353548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	161581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	137336	54.922	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 109.840%	
35) Dibromofluoromethane	7.904	113	117387	47.774	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 95.540%	
50) Toluene-d8	10.331	98	434603	47.529	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	12.617	95	167699	49.837	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 99.680%	
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	2758	4.462	ug/l	94
20) Methylene Chloride	4.954	84	17364	2.882	ug/l	97
31) Cyclohexane	7.965	56	4727	1.328	ug/l #	12
36) 1,1-Dichloropropene	7.965	75	15961	4.489	ug/l #	51
38) Carbon Tetrachloride	7.959	117	20921	5.774	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	88988	42.617	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	88988	99.262	ug/l #	8

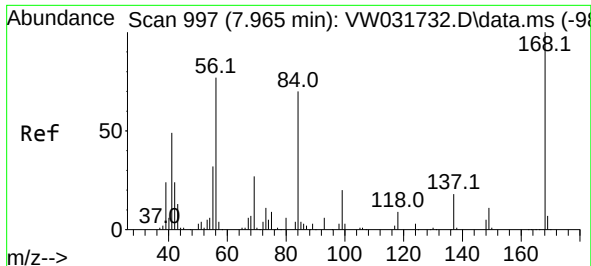
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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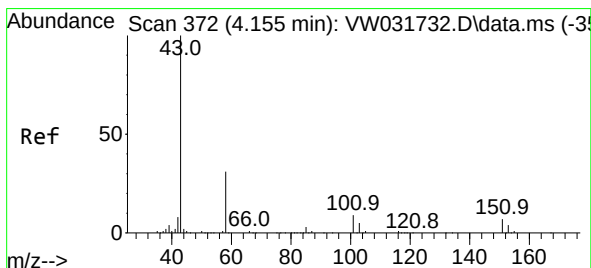
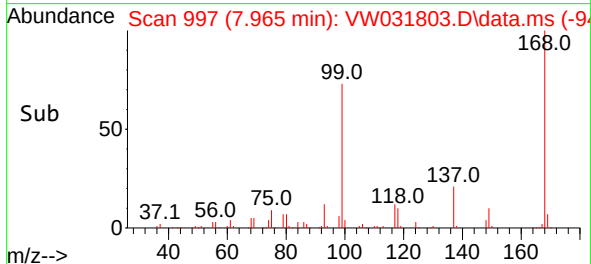
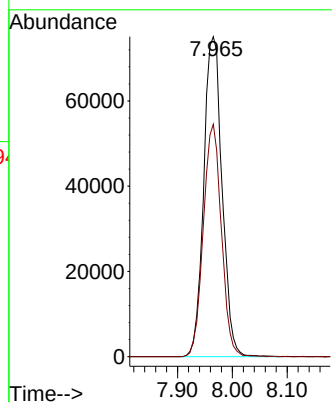
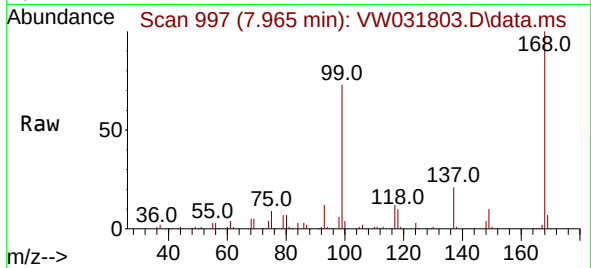




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031803.D
Acq: 10 Jul 2025 15:14

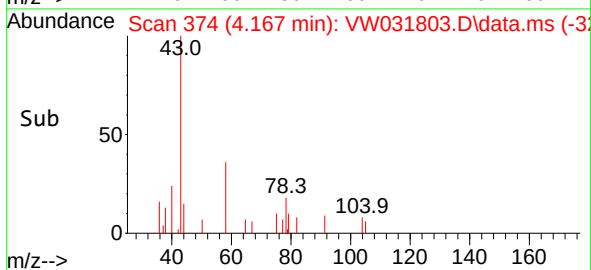
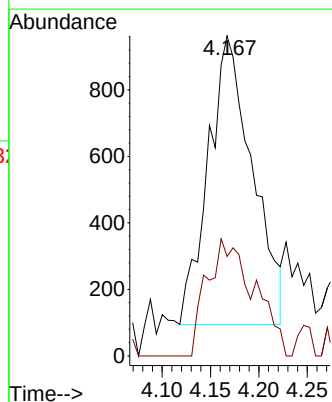
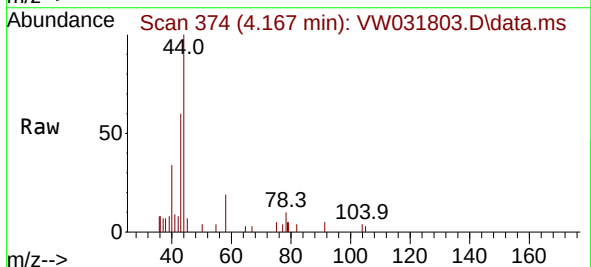
Instrument :
MSVOA_W
ClientSampleId :
TP-30

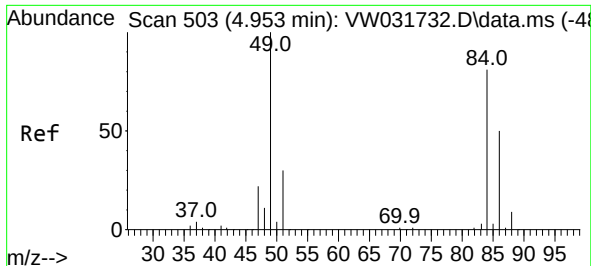
Tgt Ion:168 Resp: 174243
Ion Ratio Lower Upper
168 100
99 72.7 49.4 74.2



#16
Acetone
Concen: 4.462 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031803.D
Acq: 10 Jul 2025 15:14

Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
58 34.4 24.8 37.2

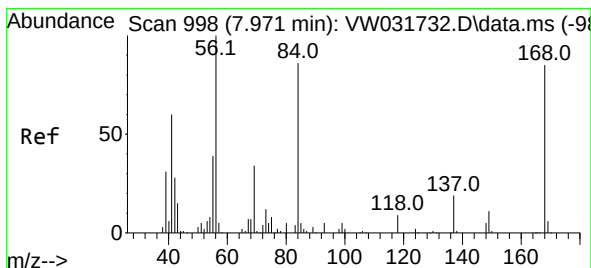
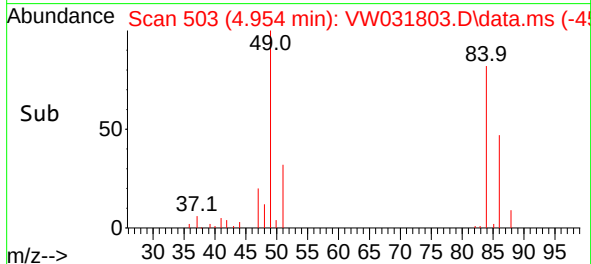
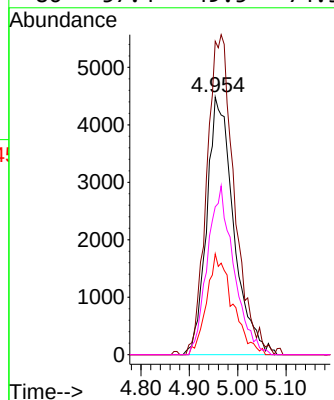
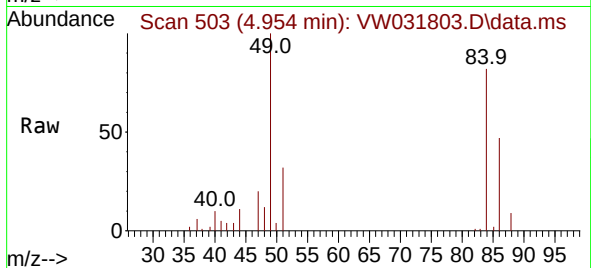




#20
Methylene Chloride
Concen: 2.882 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031803.D
Acq: 10 Jul 2025 15:14

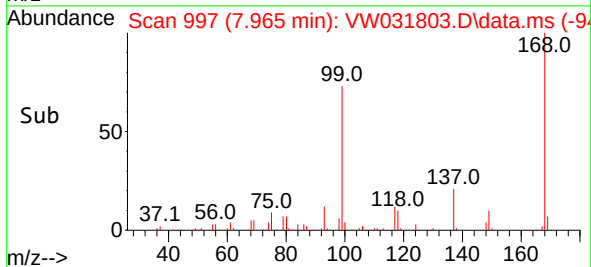
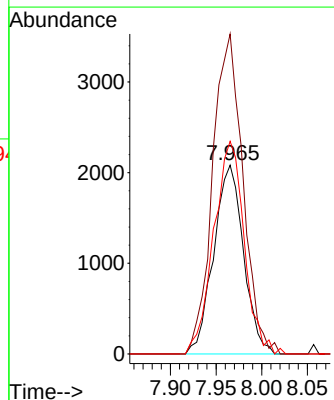
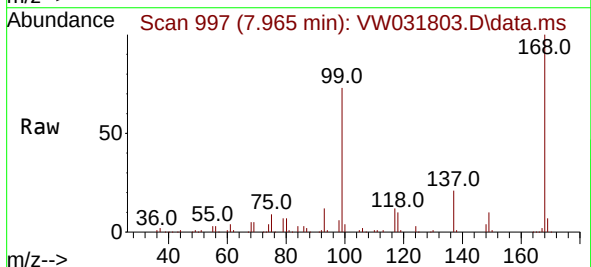
Instrument :
MSVOA_W
ClientSampleId :
TP-30

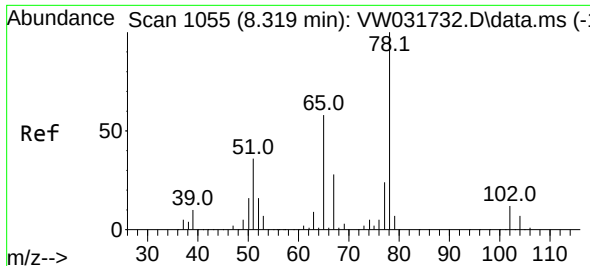
Tgt Ion:	84	Resp:	17364
Ion	Ratio	Lower	Upper
84	100		
49	121.7	98.2	147.4
51	39.1	29.8	44.8
86	57.4	49.5	74.3



#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031803.D
Acq: 10 Jul 2025 15:14

Tgt Ion:	56	Resp:	4727
Ion	Ratio	Lower	Upper
56	100		
69	169.5	27.2	40.8#
84	112.6	68.5	102.7#

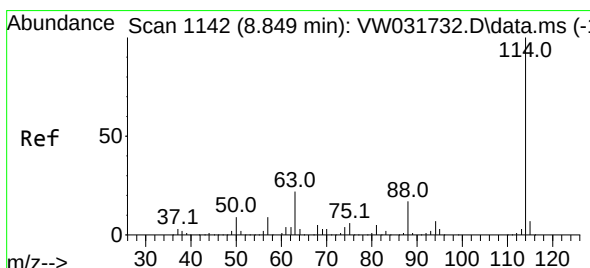
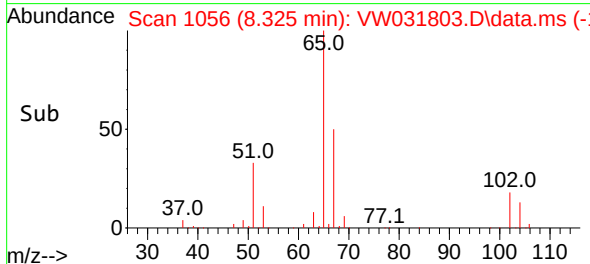
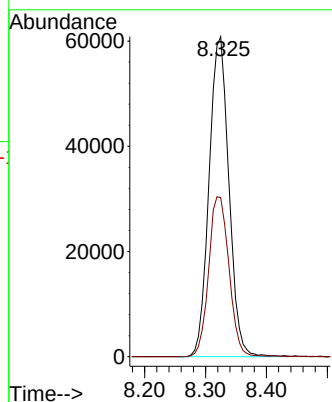
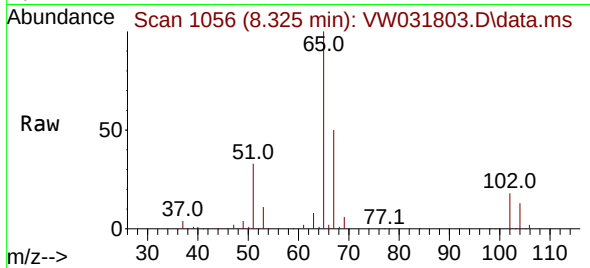




#33
 1,2-Dichloroethane-d4
 Concen: 54.922 ug/l
 RT: 8.325 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VW031803.D
 Acq: 10 Jul 2025 15:14

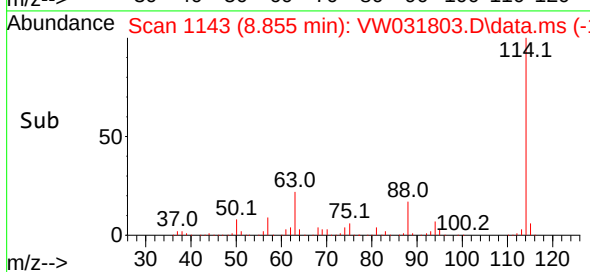
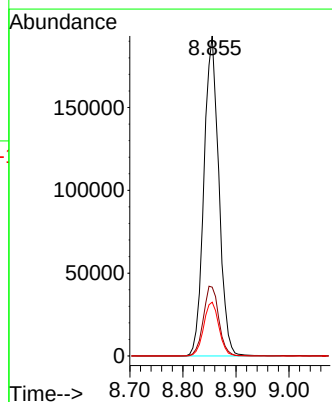
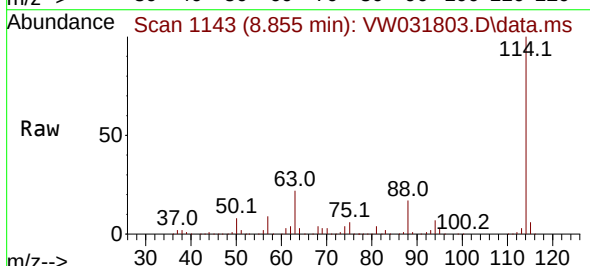
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30

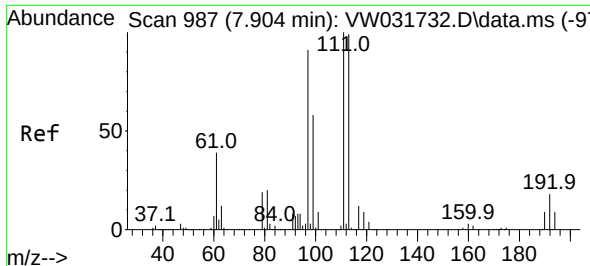
Tgt Ion: 65 Resp: 137336
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031803.D
 Acq: 10 Jul 2025 15:14

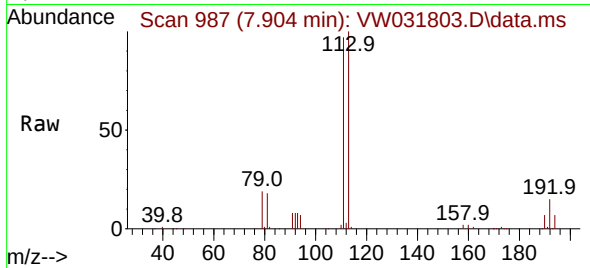
Tgt Ion: 114 Resp: 376543
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.6
 88 16.8 0.0 34.2





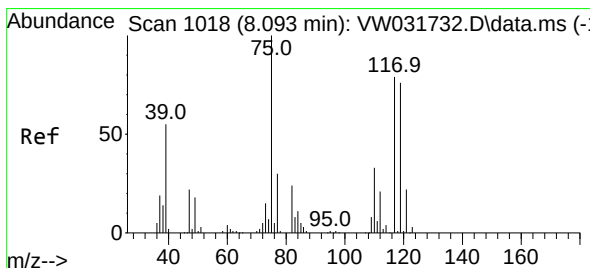
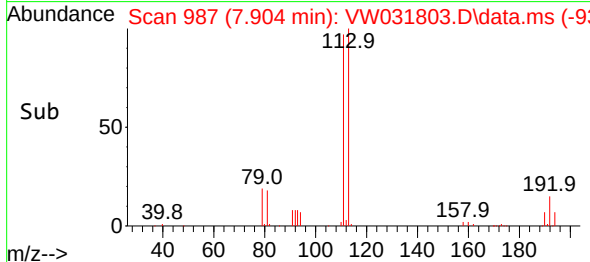
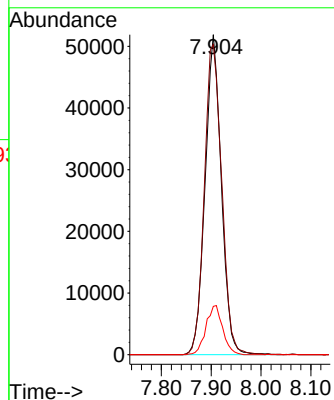
#35
 Dibromofluoromethane
 Concen: 47.774 ug/l
 RT: 7.904 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VW031803.D
 Acq: 10 Jul 2025 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30



Tgt Ion: 113 Resp: 117387

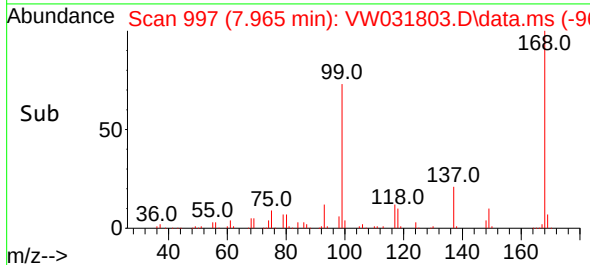
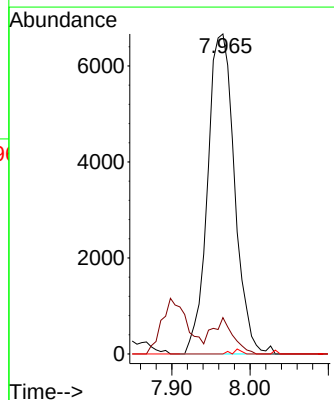
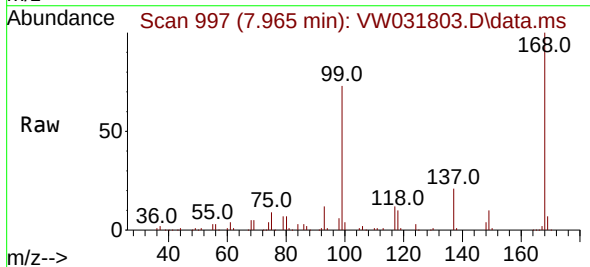
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	15.8	13.8	20.6

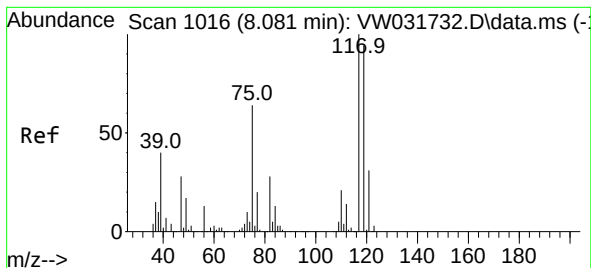


#36
 1,1-Dichloropropene
 Concen: 4.489 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.128 min
 Lab File: VW031803.D
 Acq: 10 Jul 2025 15:14

Tgt Ion: 75 Resp: 15961

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.8	50.4#
77	0.5	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.774 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031803.D

Acq: 10 Jul 2025 15:14

Instrument :

MSVOA_W

ClientSampleId :

TP-30

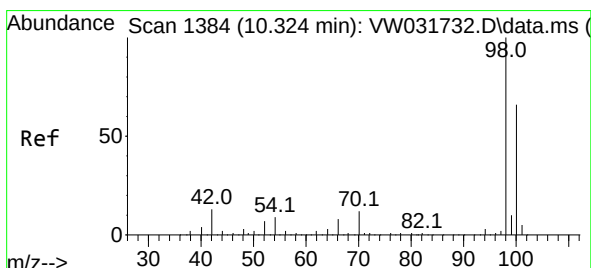
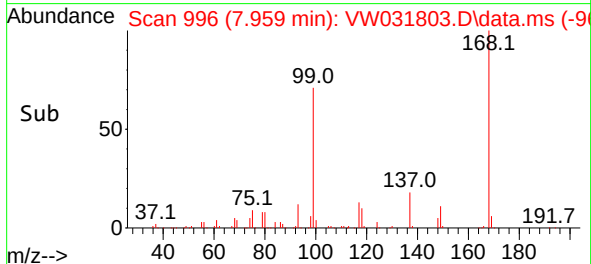
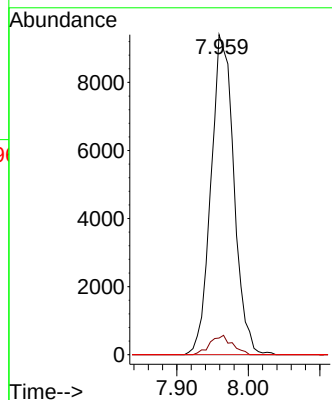
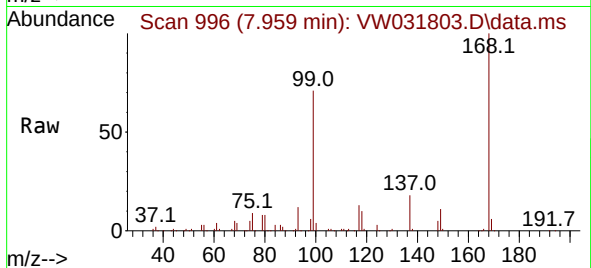
Tgt Ion:117 Resp: 20921

Ion Ratio Lower Upper

117 100

119 5.2 75.0 112.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 47.529 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031803.D

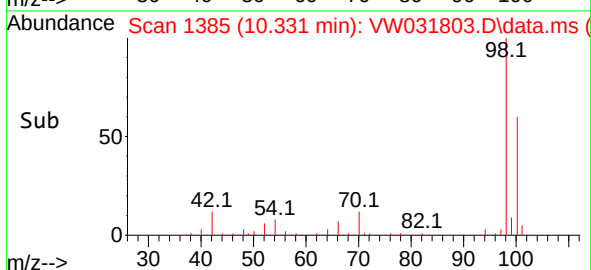
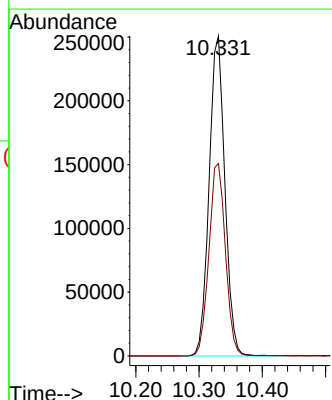
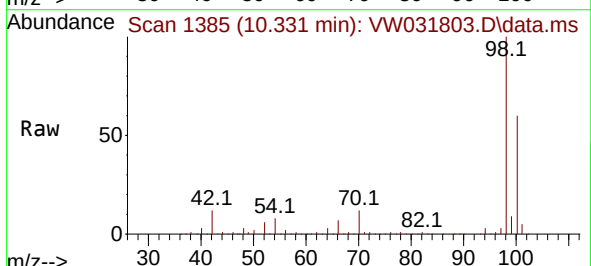
Acq: 10 Jul 2025 15:14

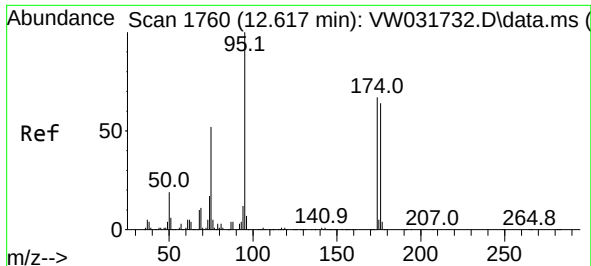
Tgt Ion: 98 Resp: 434603

Ion Ratio Lower Upper

98 100

100 63.0 53.0 79.4

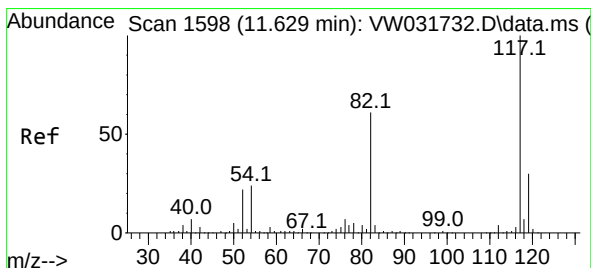
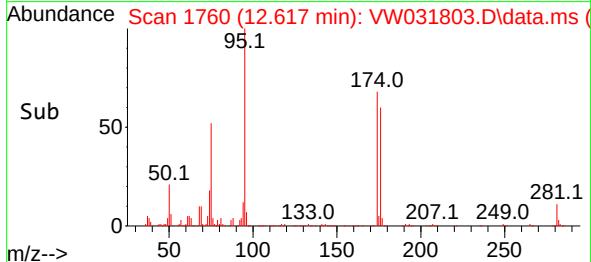
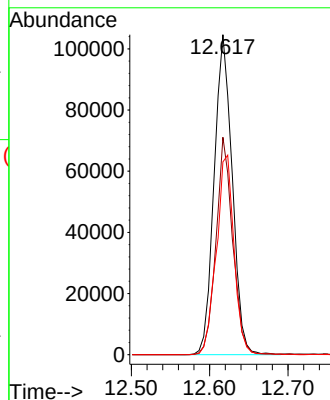
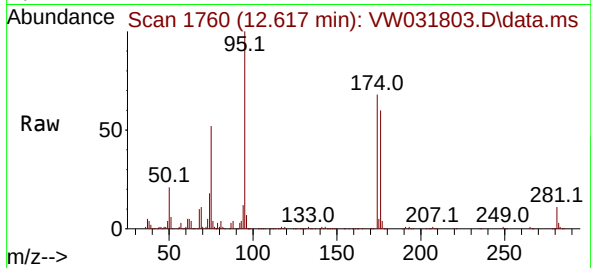




#62
4-Bromofluorobenzene
Concen: 49.837 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031803.D
Acq: 10 Jul 2025 15:14

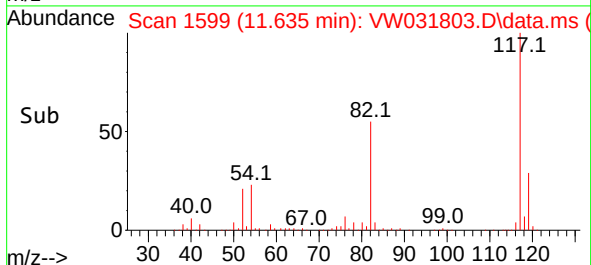
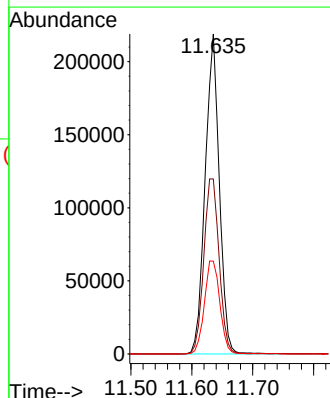
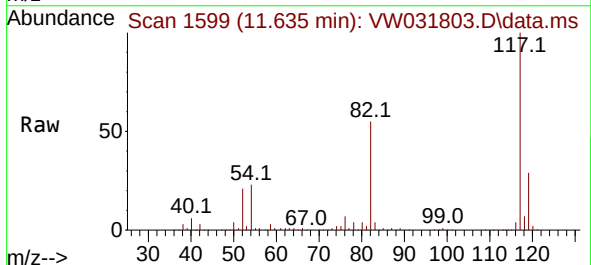
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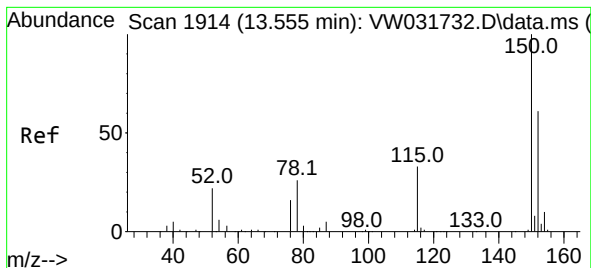
Tgt Ion:	95	Resp:	167699
Ion	Ratio	Lower	Upper
95	100		
174	63.0	0.0	133.8
176	61.4	0.0	126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031803.D
Acq: 10 Jul 2025 15:14

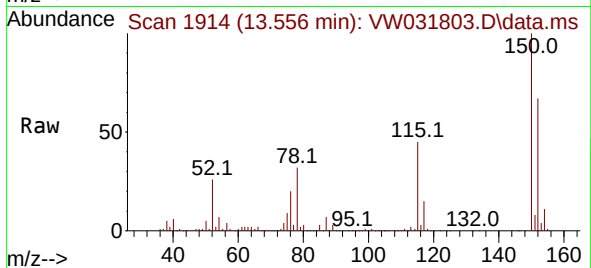
Tgt Ion:	117	Resp:	353548
Ion	Ratio	Lower	Upper
117	100		
82	54.7	48.6	72.8
119	29.0	23.9	35.9



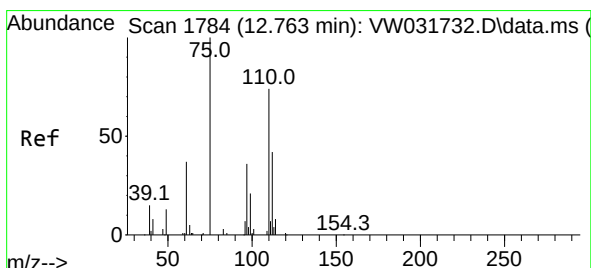
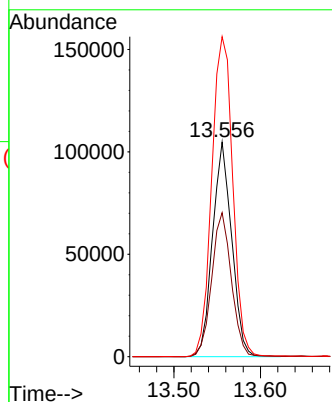
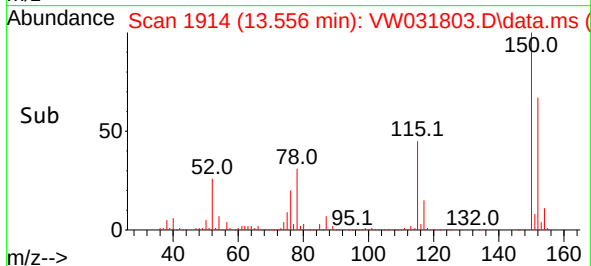


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031803.D
 Acq: 10 Jul 2025 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30

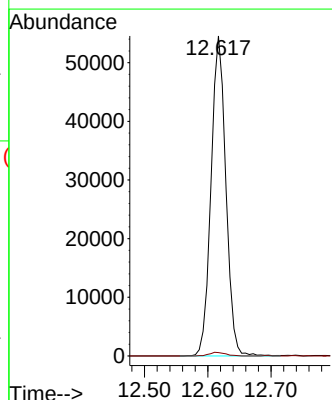
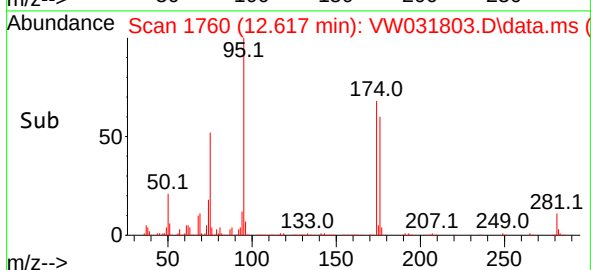
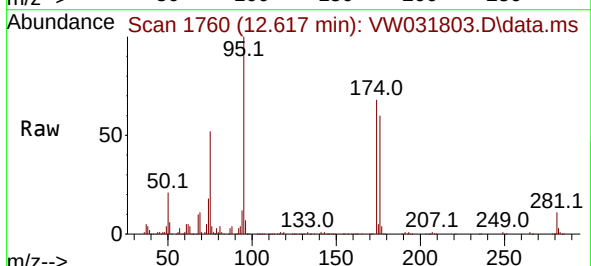


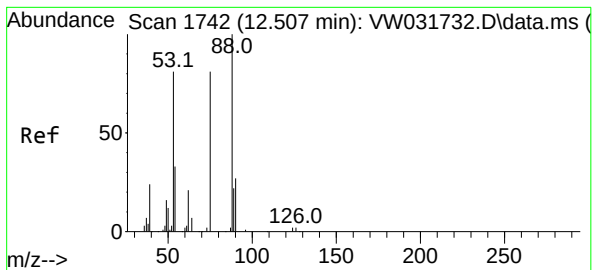
Tgt Ion:152 Resp: 161581
 Ion Ratio Lower Upper
 152 100
 115 68.8 31.9 95.7
 150 162.8 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 42.617 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW031803.D
 Acq: 10 Jul 2025 15:14

Tgt Ion: 75 Resp: 88988
 Ion Ratio Lower Upper
 75 100
 77 1.2 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.262 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031803.D
 Acq: 10 Jul 2025 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30

Tgt Ion: 75 Resp: 88988
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.5 125.3#
 89 0.3 38.3 57.5#

