

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031888.D
 Acq On : 17 Jul 2025 14:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 18 02:53:14 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)

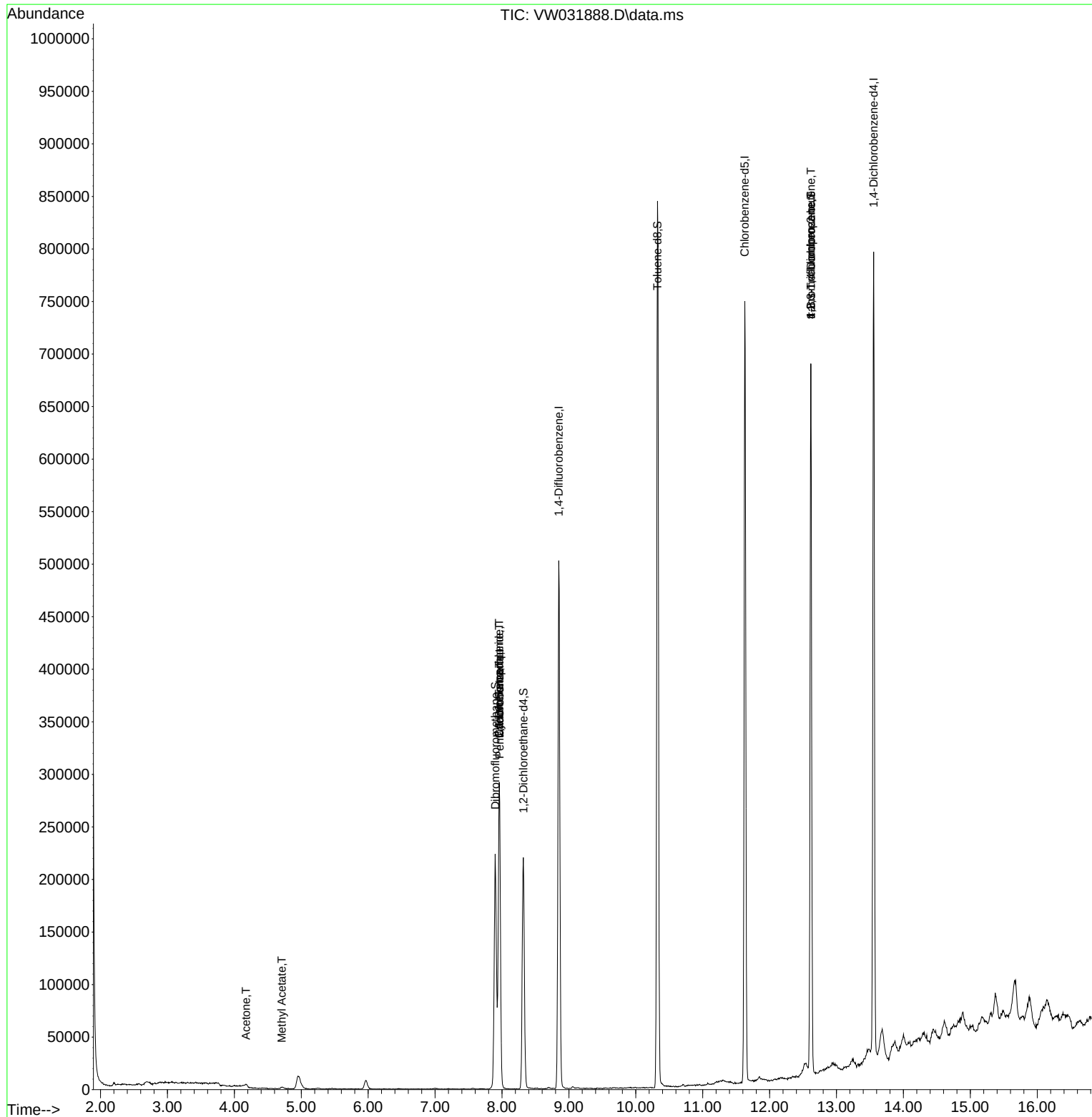
Internal Standards						
1) Pentafluorobenzene	7.965	168	196467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	415084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	392346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	193116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	184808	65.546	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 131.100%		
35) Dibromofluoromethane	7.898	113	160409	59.222	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 118.440%		
50) Toluene-d8	10.325	98	571272	56.675	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 113.340%		
62) 4-Bromofluorobenzene	12.617	95	241851	65.200	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 130.400%		
Target Compounds						
						Qvalue
16) Acetone	4.173	43	2864	4.110	ug/l	95
18) Methyl Acetate	4.710	43	3840	1.928	ug/l #	67
31) Cyclohexane	7.959	56	5290	1.318	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	18951	4.835	ug/l #	50
38) Carbon Tetrachloride	7.959	117	23337	5.843	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	128412	51.455	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	128412	119.848	ug/l #	8

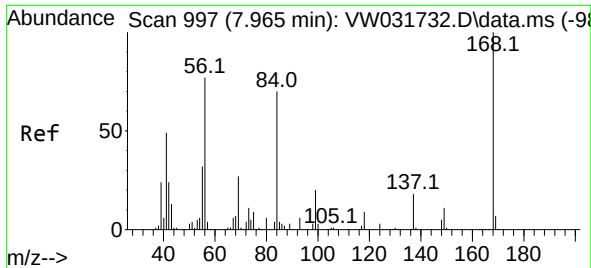
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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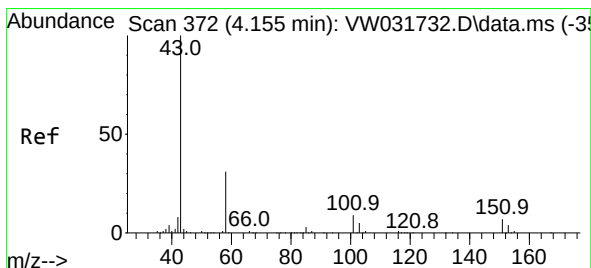
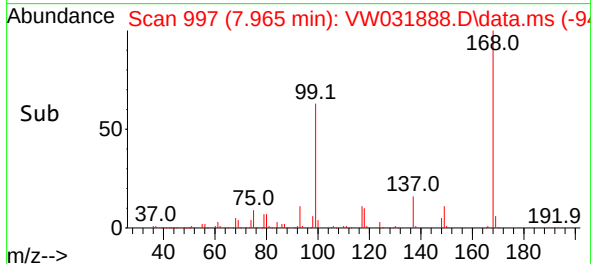
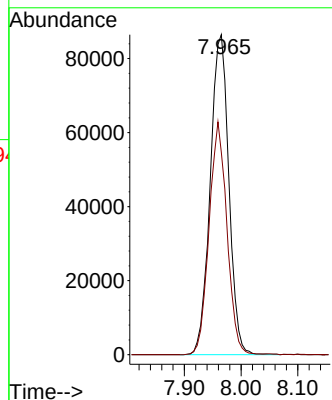
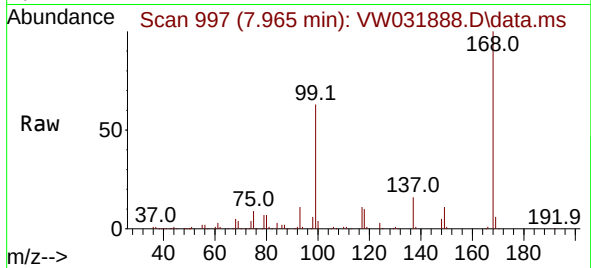




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

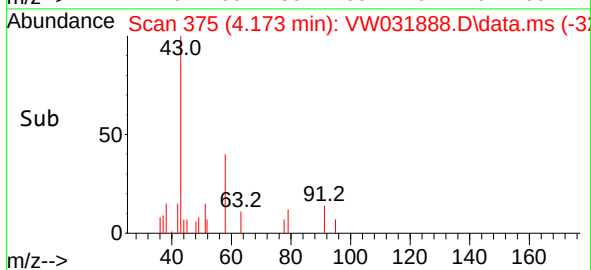
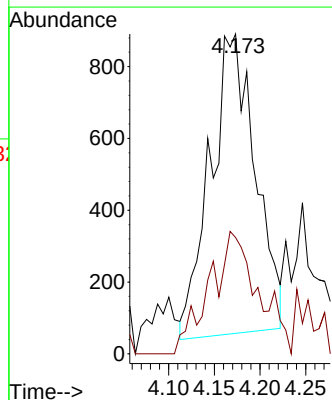
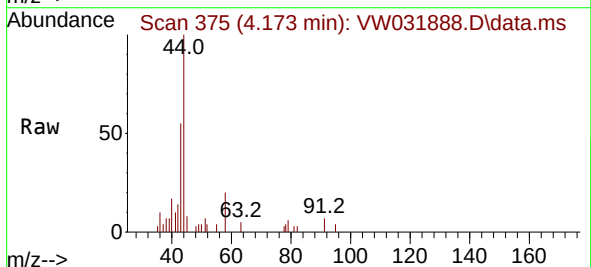
Instrument :
MSVOA_W
ClientSampleId :

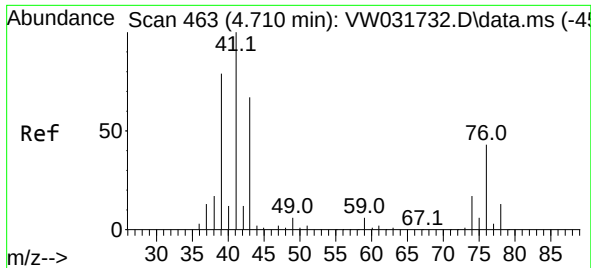
Tgt Ion:168 Resp: 196467
Ion Ratio Lower Upper
168 100
99 63.3 49.4 74.2



#16
Acetone
Concen: 4.110 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.019 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

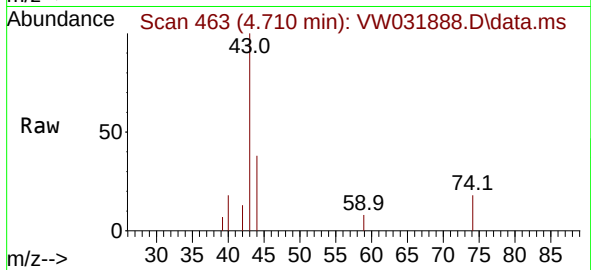
Tgt Ion: 43 Resp: 2864
Ion Ratio Lower Upper
43 100
58 33.8 24.8 37.2



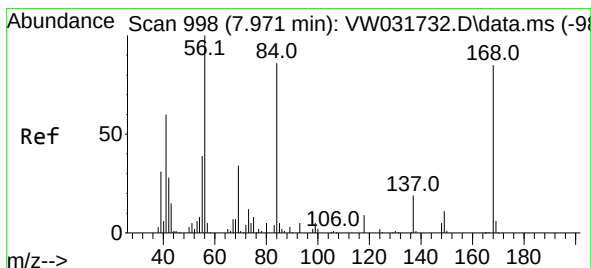
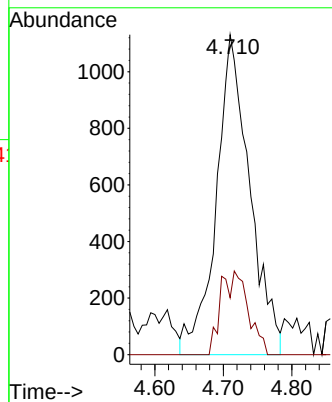
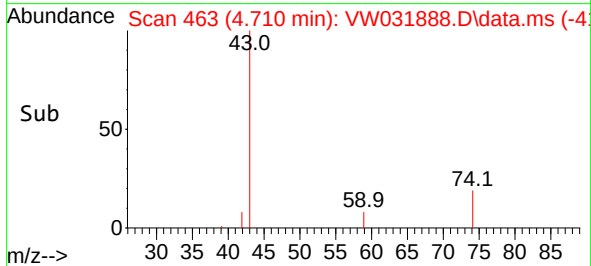


#18
Methyl Acetate
Concen: 1.928 ug/l
RT: 4.710 min Scan# 418
Delta R.T. 0.000 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

Instrument :
MSVOA_W
ClientSampleId :

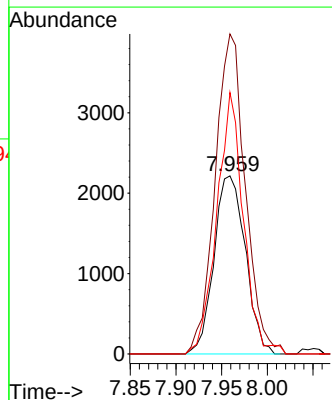
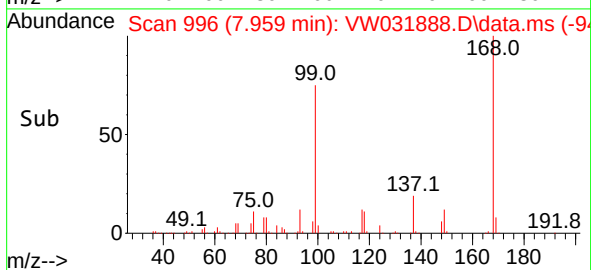
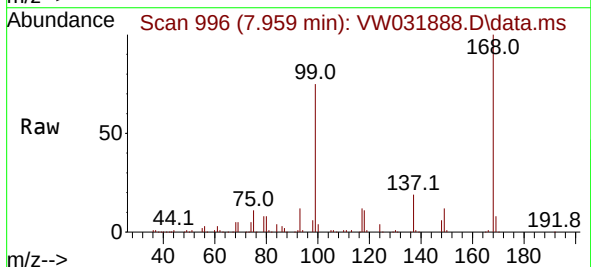


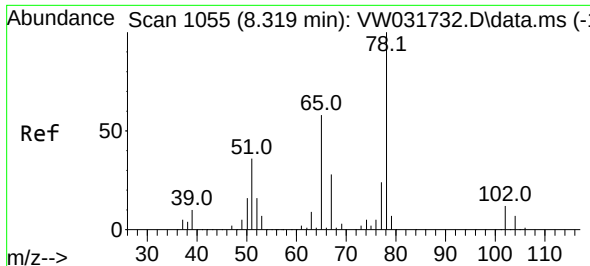
Tgt Ion: 43 Resp: 3840
Ion Ratio Lower Upper
43 100
74 8.7 20.6 30.8#



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

Tgt Ion: 56 Resp: 5290
Ion Ratio Lower Upper
56 100
69 179.7 27.2 40.8#
84 146.8 68.5 102.7#

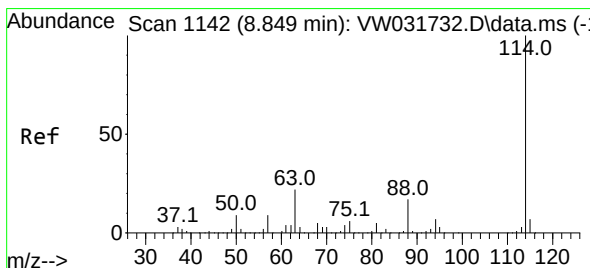
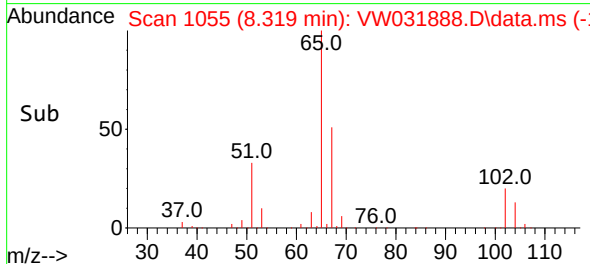
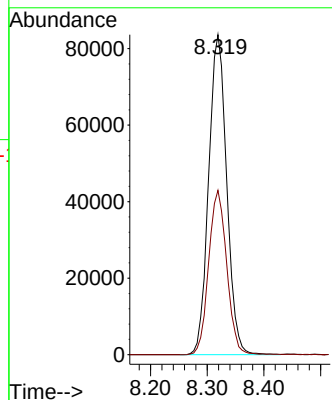
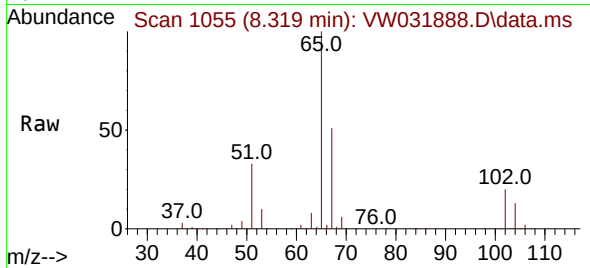




#33
 1,2-Dichloroethane-d4
 Concen: 65.546 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031888.D
 Acq: 17 Jul 2025 14:53

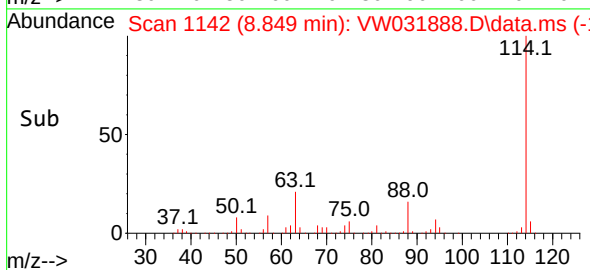
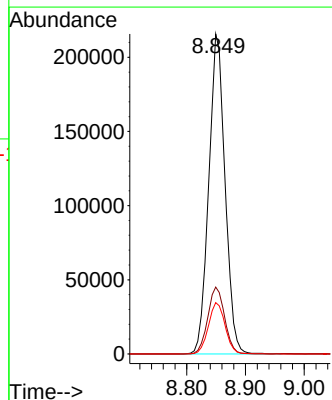
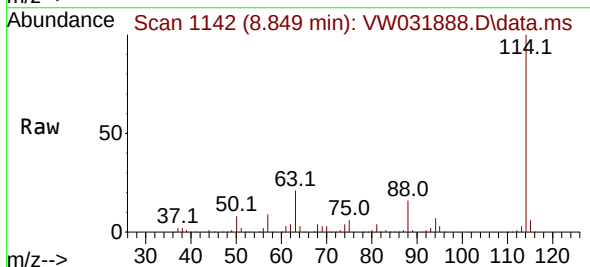
Instrument :
 MSVOA_W
 ClientSampleId :

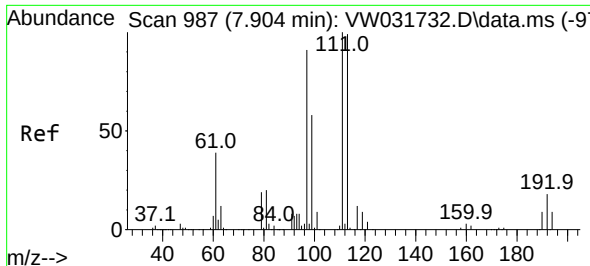
Tgt Ion: 65 Resp: 184808
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031888.D
 Acq: 17 Jul 2025 14:53

Tgt Ion: 114 Resp: 415084
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.6
 88 16.1 0.0 34.2

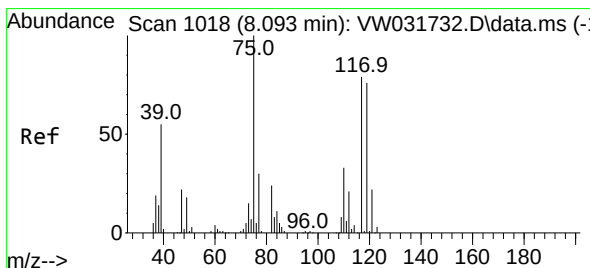
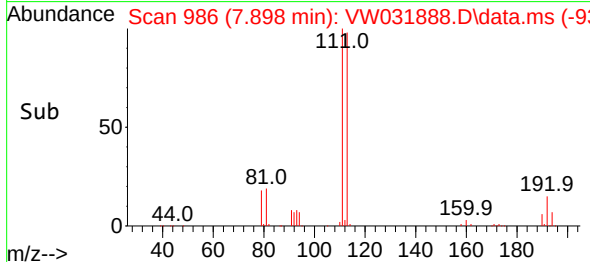
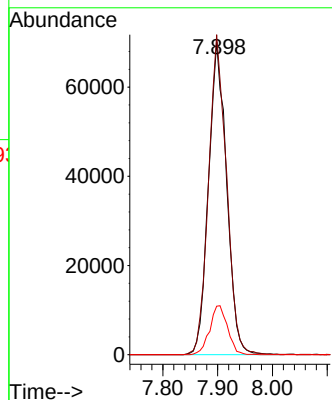
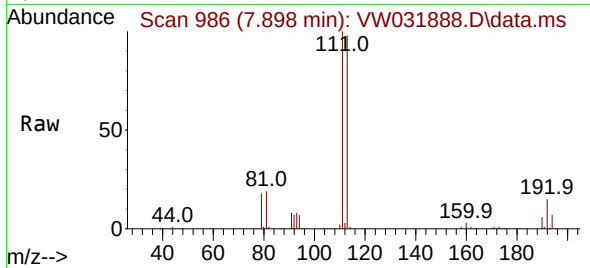




#35
Dibromofluoromethane
Concen: 59.222 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

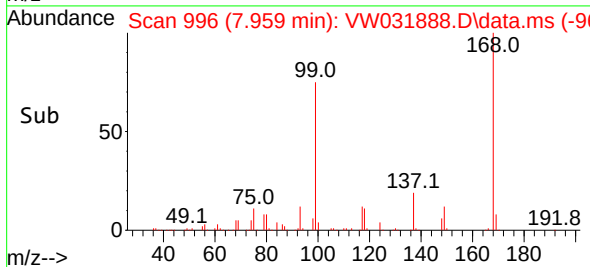
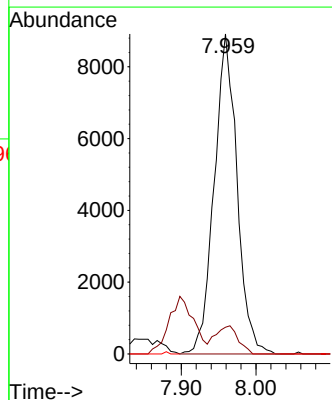
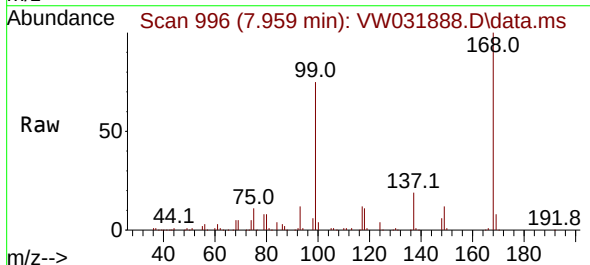
Instrument :
MSVOA_W
ClientSampleId :

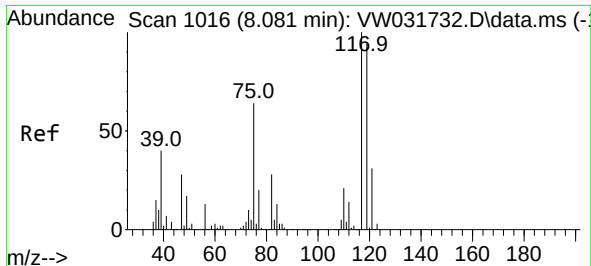
Tgt Ion:113 Resp: 160409
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 15.5 13.8 20.6



#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

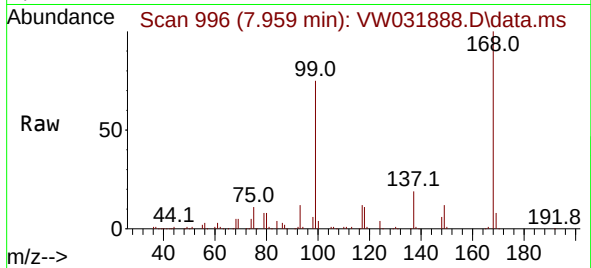
Tgt Ion: 75 Resp: 18951
Ion Ratio Lower Upper
75 100
110 8.8 16.8 50.4#
77 0.0 25.0 37.6#



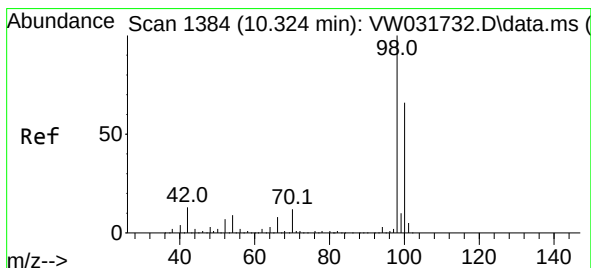
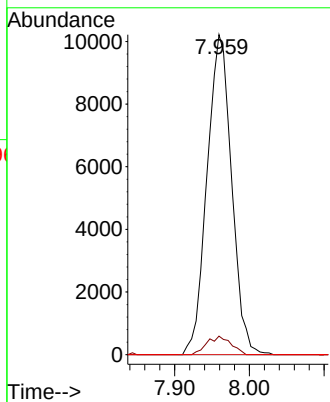
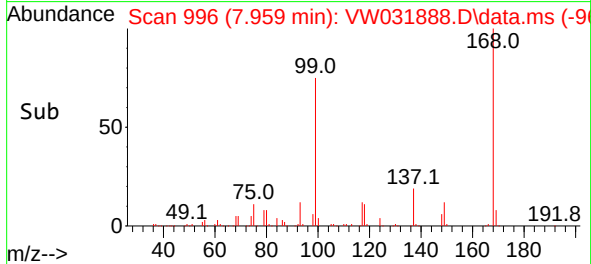


#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

Instrument :
MSVOA_W
ClientSampleId :

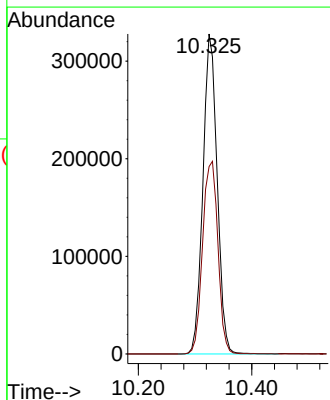
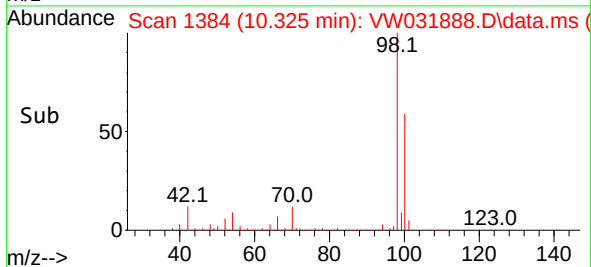
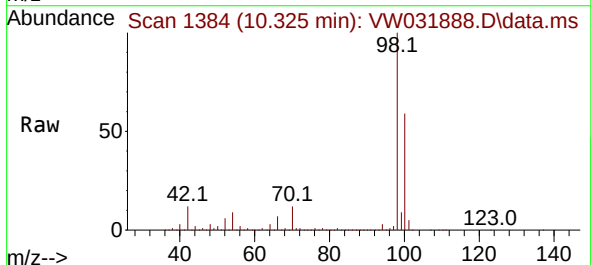


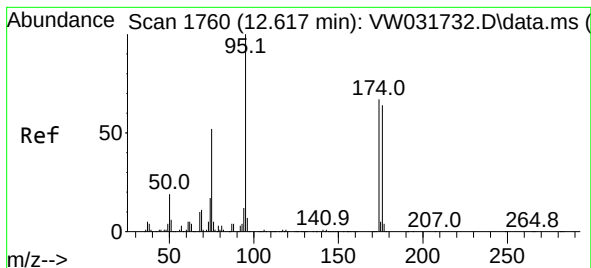
Tgt Ion:117 Resp: 23337
Ion Ratio Lower Upper
117 100
119 5.8 75.0 112.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 56.675 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

Tgt Ion: 98 Resp: 571272
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

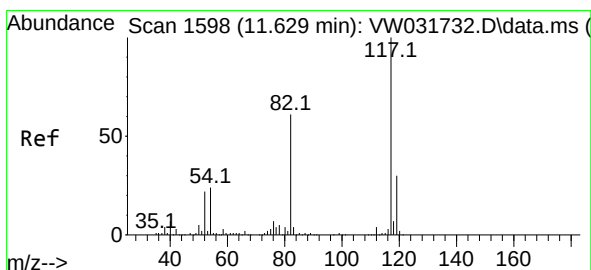
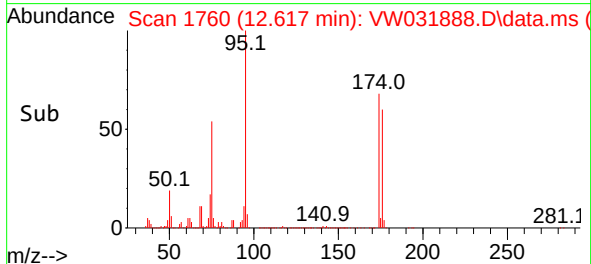
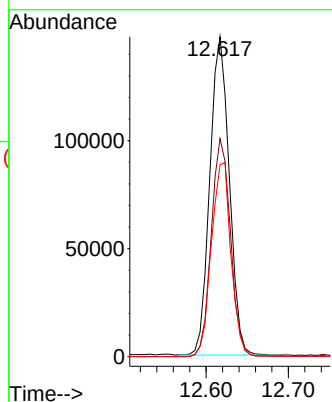
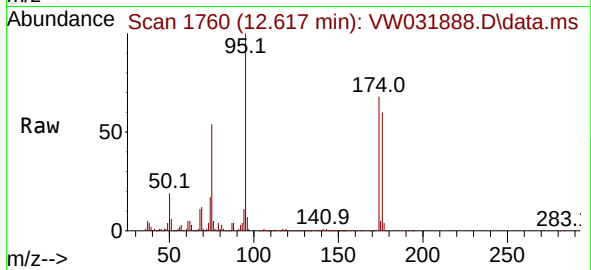




#62
4-Bromofluorobenzene
Concen: 65.200 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

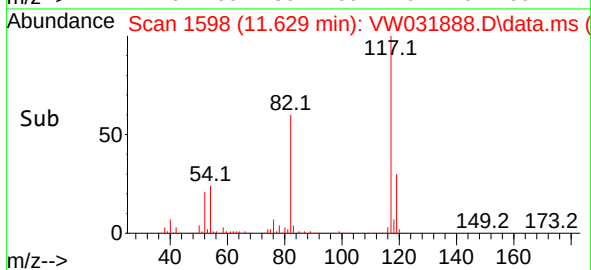
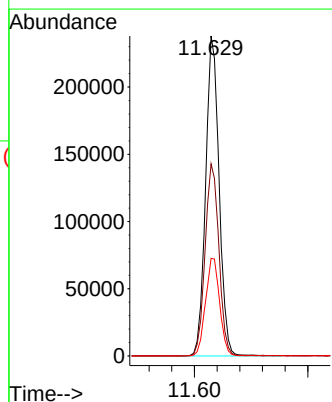
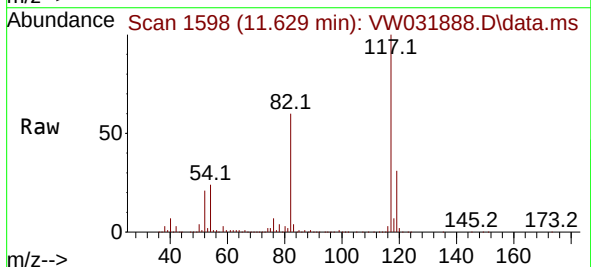
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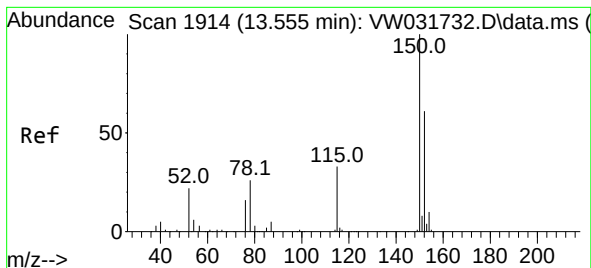
Tgt Ion: 95 Resp: 241851
Ion Ratio Lower Upper
95 100
174 67.7 0.0 133.8
176 61.8 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031888.D
Acq: 17 Jul 2025 14:53

Tgt Ion: 117 Resp: 392346
Ion Ratio Lower Upper
117 100
82 60.0 48.6 72.8
119 30.5 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: VW031888.D

Acq: 17 Jul 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

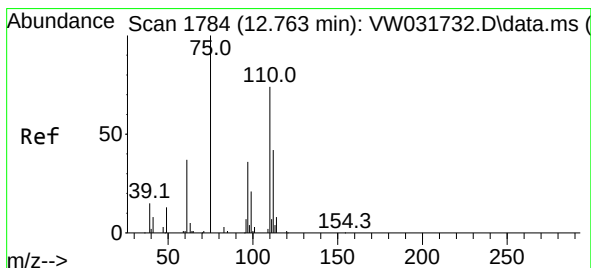
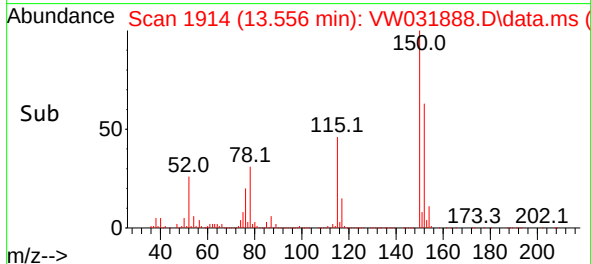
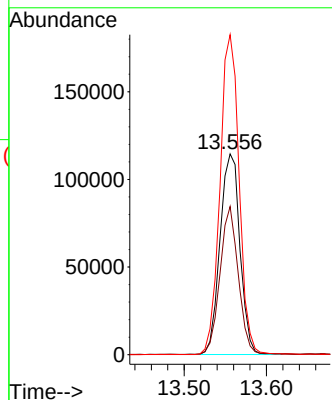
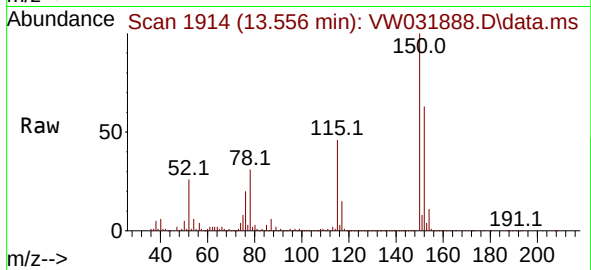
Tgt Ion:152 Resp: 193116

Ion Ratio Lower Upper

152 100

115 67.8 31.9 95.7

150 152.8 0.0 356.4



#76

1,2,3-Trichloropropane

Concen: 51.455 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW031888.D

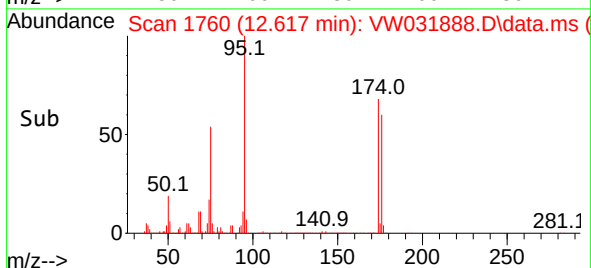
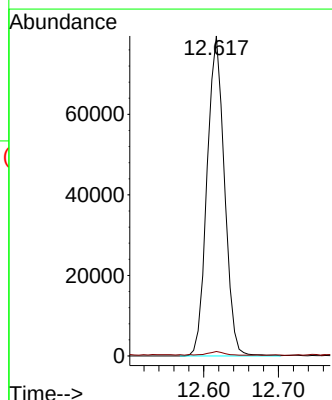
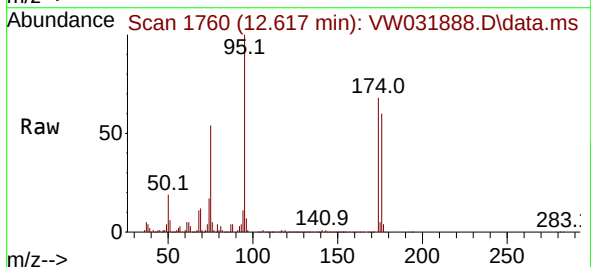
Acq: 17 Jul 2025 14:53

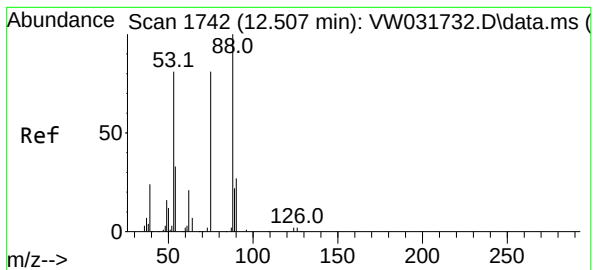
Tgt Ion: 75 Resp: 128412

Ion Ratio Lower Upper

75 100

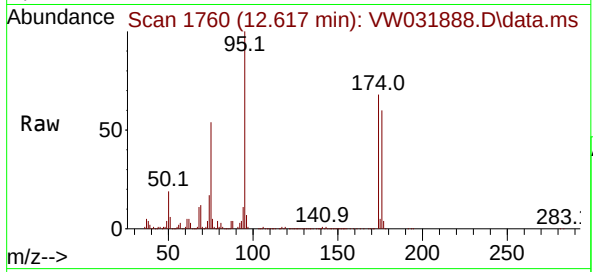
77 1.1 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.848 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031888.D
 Acq: 17 Jul 2025 14:53

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 128412
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.5 125.3#
 89 0.0 38.3 57.5#

