

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073125\
 Data File : VW031965.D
 Acq On : 31 Jul 2025 11:34
 Operator : SY/MD
 Sample : VW0731SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0731SBL01

Quant Time: Aug 01 01:13:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)

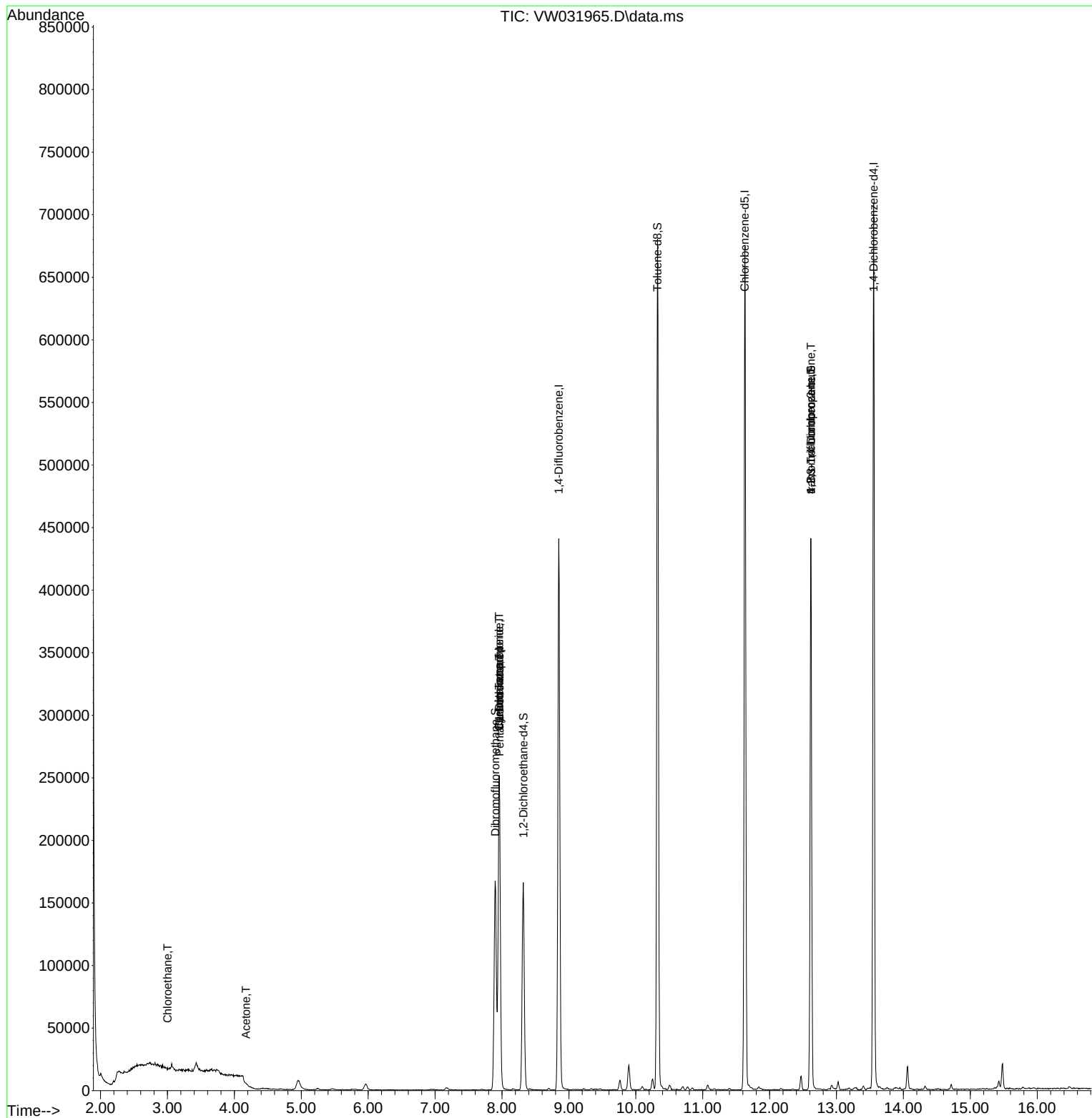
Internal Standards							
1) Pentafluorobenzene		7.965	168	169764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.849	114	371489	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.629	117	358693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.556	152	173809	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.319	65	136239	53.051	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	106.100%	
35) Dibromofluoromethane		7.898	113	121730	48.223	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.440%	
50) Toluene-d8		10.324	98	446187	46.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.400%	
62) 4-Bromofluorobenzene		12.617	95	158594	43.232	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	86.460%	
Target Compounds							
						Qvalue	
6) Chloroethane		3.003	64	1503	1.083	ug/l #	43
13) Acrolein		3.935	56	59	Below Cal	#	1
16) Acetone		4.173	43	4190	6.876	ug/l #	86
20) Methylene Chloride		4.953	84	7124	Below Cal		97
31) Cyclohexane		7.959	56	4282	1.087	ug/l #	1
36) 1,1-Dichloropropene		7.959	75	16311	4.208	ug/l #	50
38) Carbon Tetrachloride		7.959	117	20329	5.464	ug/l #	18
76) 1,2,3-Trichloropropane		12.617	75	79089	32.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.617	75	79089	76.091	ug/l #	8

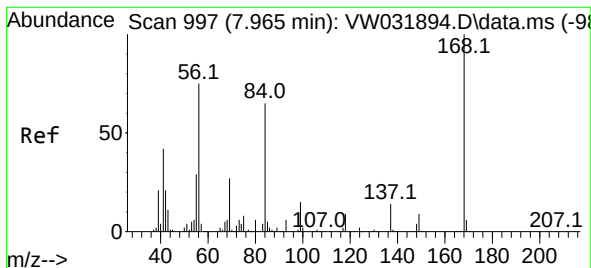
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073125\
Data File : VW031965.D
Acq On : 31 Jul 2025 11:34
Operator : SY/MD
Sample : VW0731SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0731SBL01

Quant Time: Aug 01 01:13:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW031965.D

Acq: 31 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

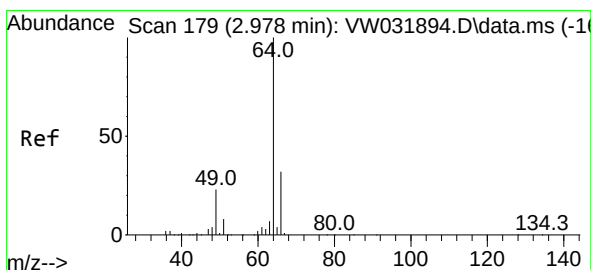
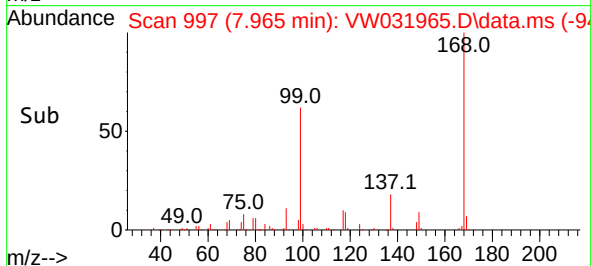
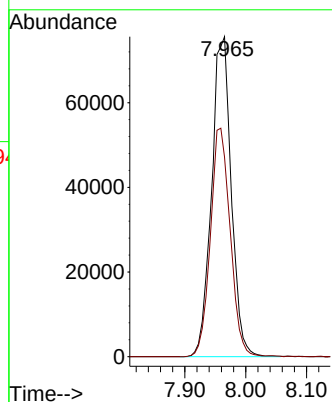
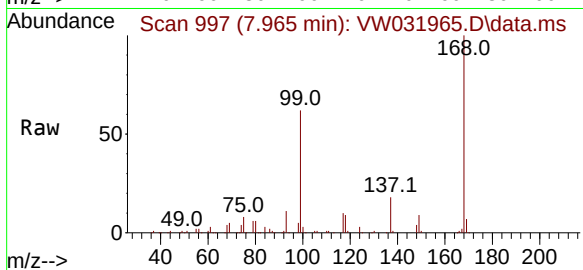
VW0731SBL01

Tgt Ion:168 Resp: 169764

Ion Ratio Lower Upper

168 100

99 62.4 48.2 72.2



#6

Chloroethane

Concen: 1.083 ug/l

RT: 3.003 min Scan# 183

Delta R.T. 0.024 min

Lab File: VW031965.D

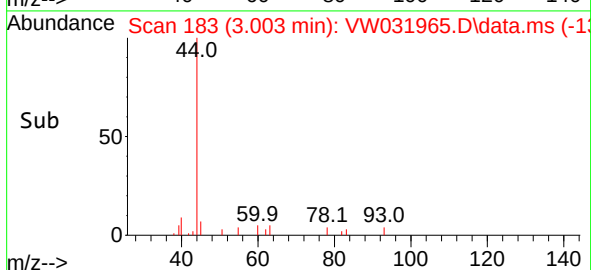
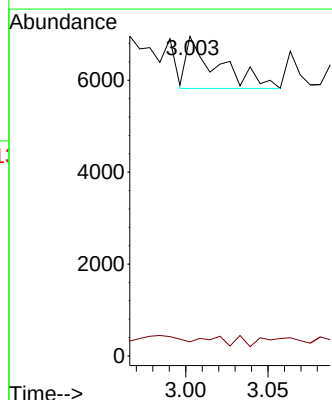
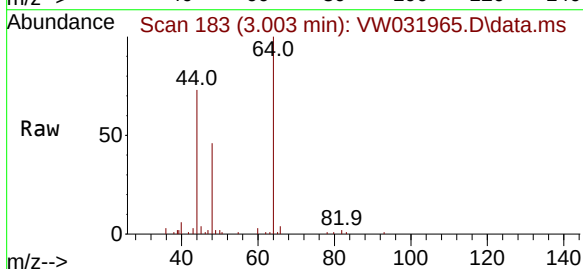
Acq: 31 Jul 2025 11:34

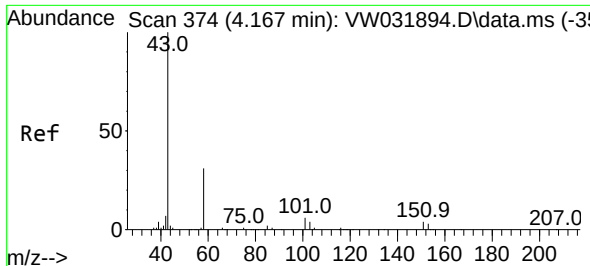
Tgt Ion: 64 Resp: 1503

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#

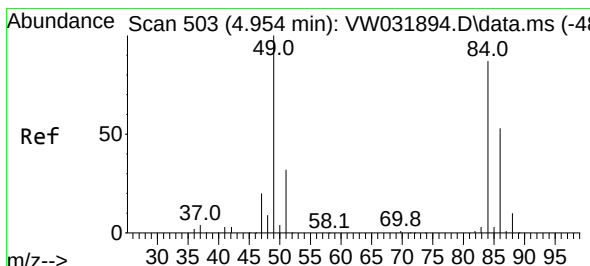
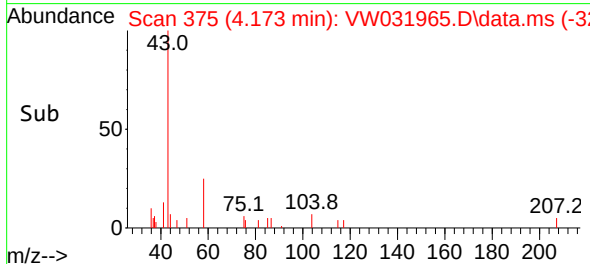
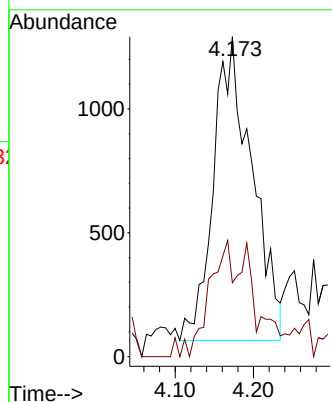
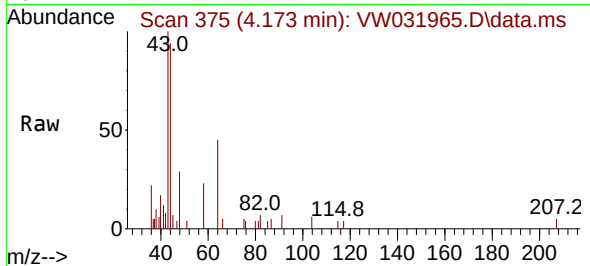




#16
Acetone
Concen: 6.876 ug/l
RT: 4.173 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

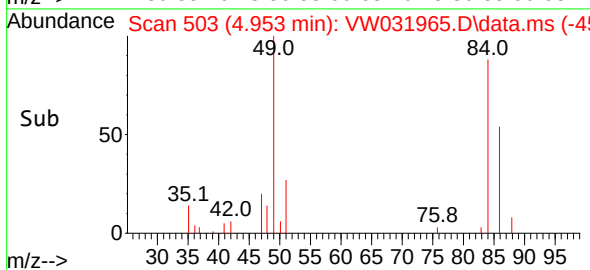
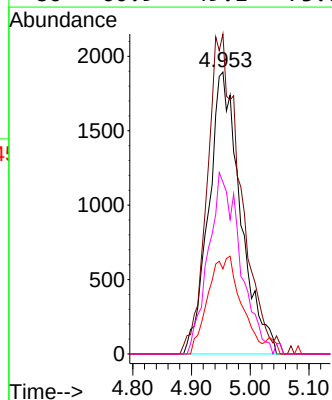
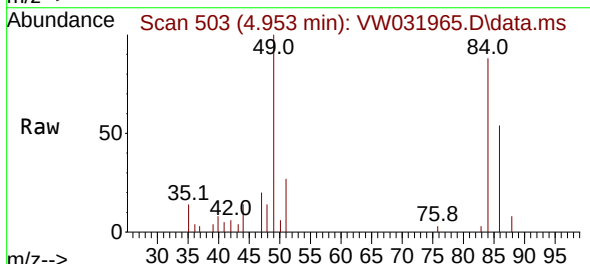
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBL01

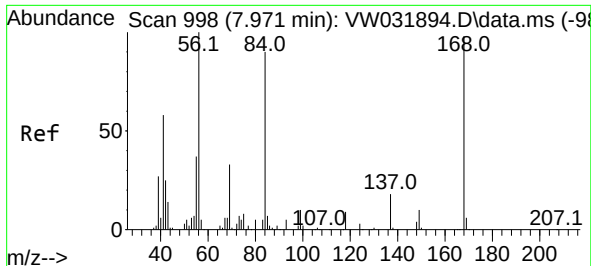
Tgt Ion: 43 Resp: 4190
Ion Ratio Lower Upper
43 100
58 24.3 25.5 38.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.953 min Scan# 503
Delta R.T. -0.001 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

Tgt Ion: 84 Resp: 7124
Ion Ratio Lower Upper
84 100
49 113.5 91.9 137.9
51 30.2 29.0 43.6
86 60.9 49.1 73.7

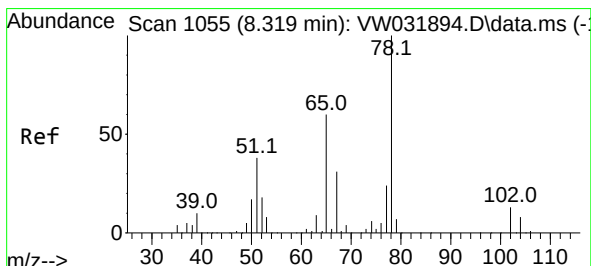
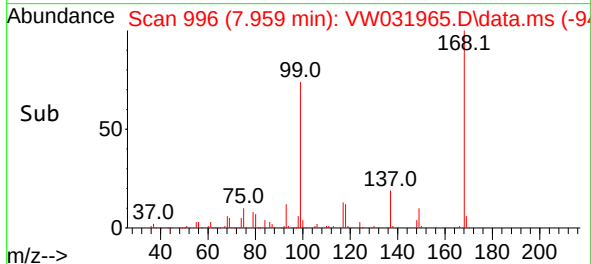
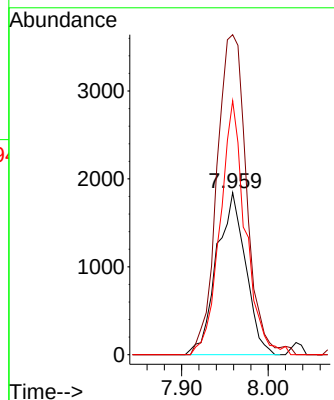
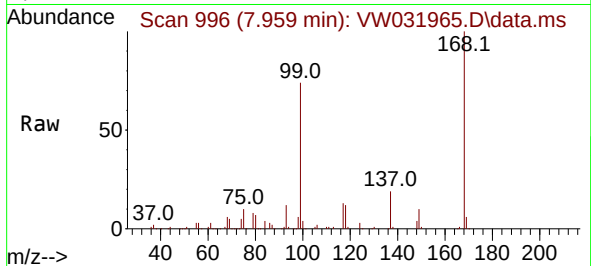




#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

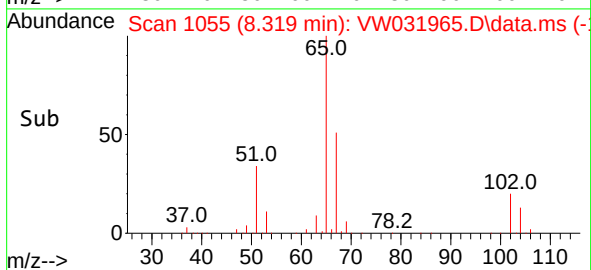
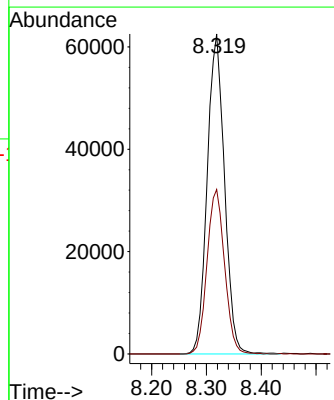
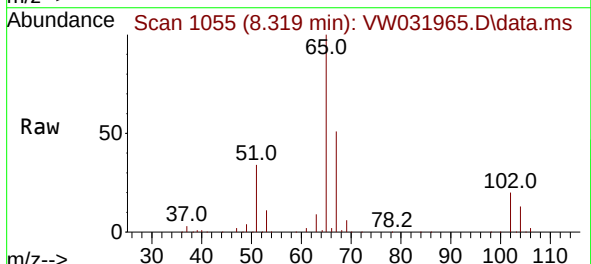
Instrument :
MSVOA_W
ClientSampleId :
VW0731SBL01

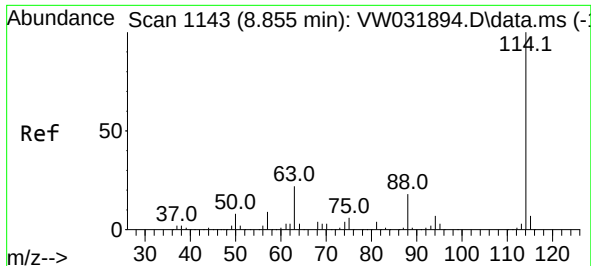
Tgt Ion: 56 Resp: 4282
Ion Ratio Lower Upper
56 100
69 197.3 26.7 40.1#
84 156.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 53.051 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

Tgt Ion: 65 Resp: 136239
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW031965.D

Acq: 31 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBL01

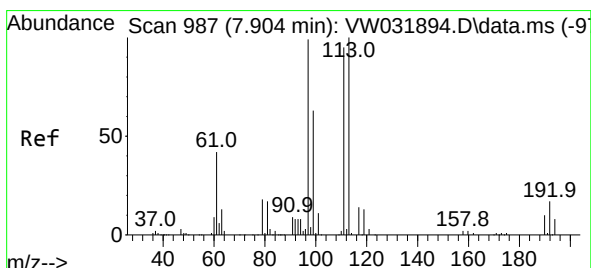
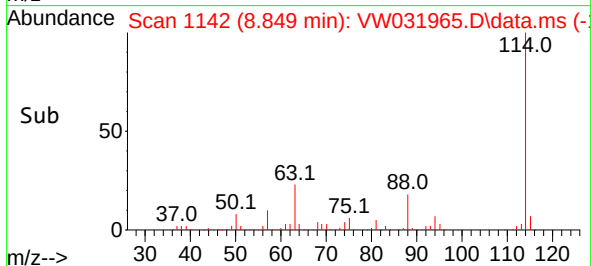
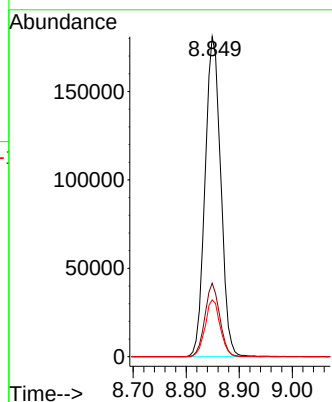
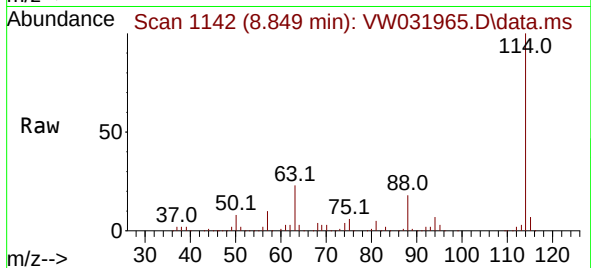
Tgt Ion:114 Resp: 371489

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.2

88 17.8 0.0 35.6



#35

Dibromofluoromethane

Concen: 48.223 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031965.D

Acq: 31 Jul 2025 11:34

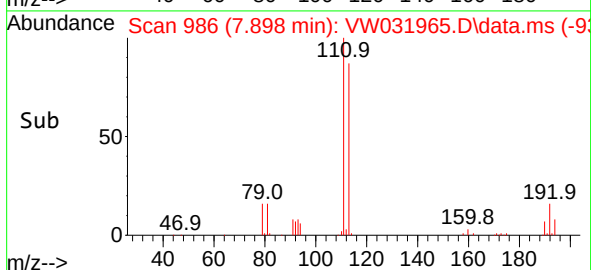
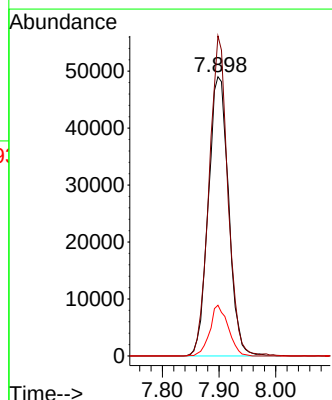
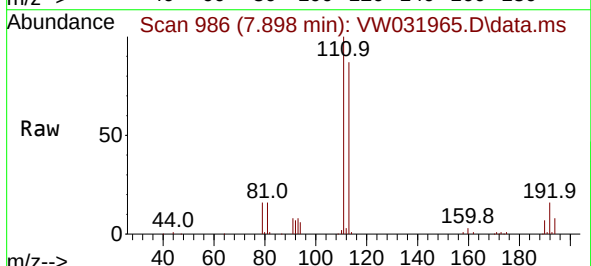
Tgt Ion:113 Resp: 121730

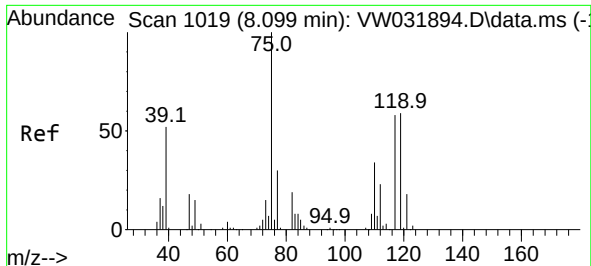
Ion Ratio Lower Upper

113 100

111 106.1 79.9 119.9

192 16.5 12.6 19.0





#36

1,1-Dichloropropene

Concen: 4.208 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.140 min

Lab File: VW031965.D

Acq: 31 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0731SBL01

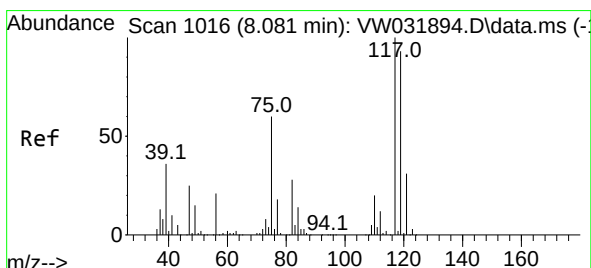
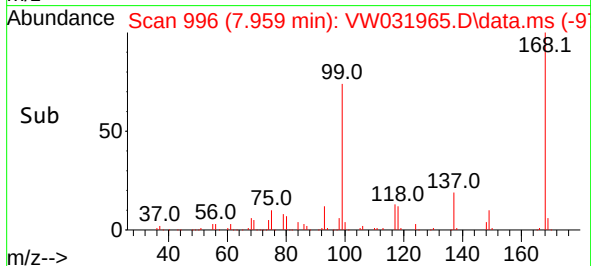
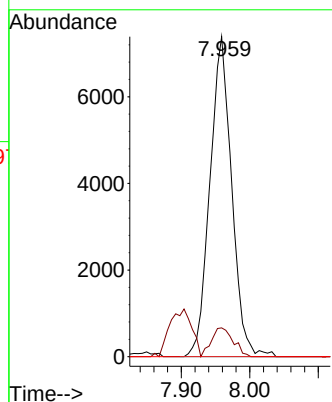
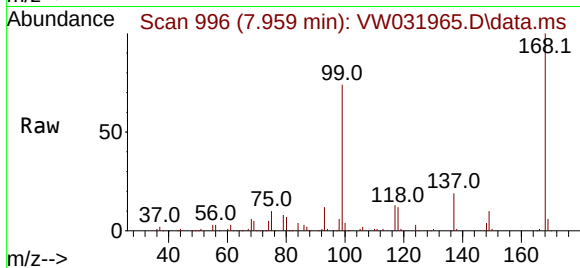
Tgt Ion: 75 Resp: 16311

Ion Ratio Lower Upper

75 100

110 9.0 17.0 50.9#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.464 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031965.D

Acq: 31 Jul 2025 11:34

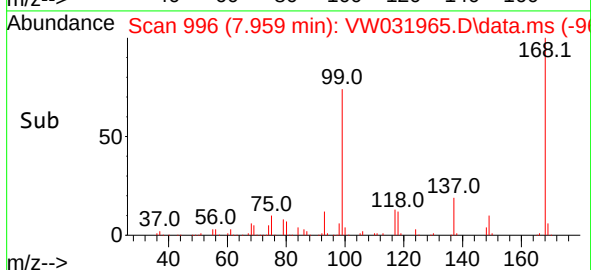
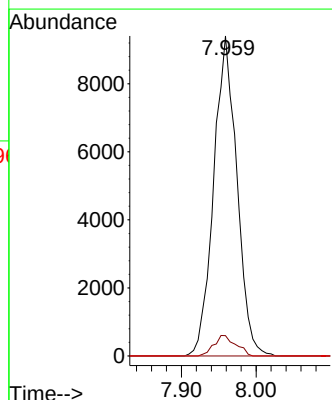
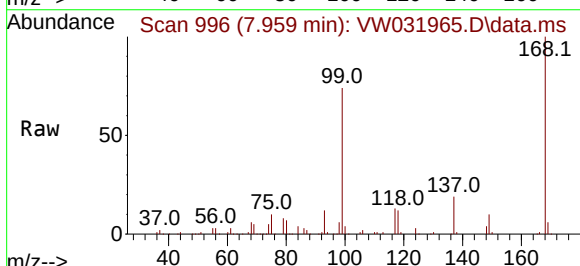
Tgt Ion: 117 Resp: 20329

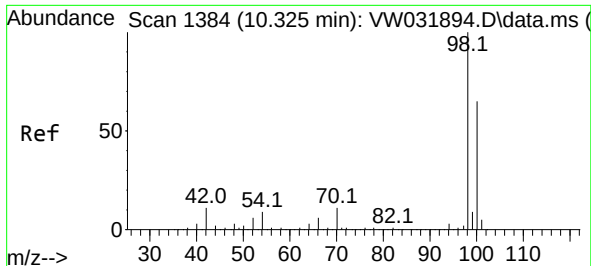
Ion Ratio Lower Upper

117 100

119 6.3 74.3 111.5#

121 0.0 24.6 37.0#

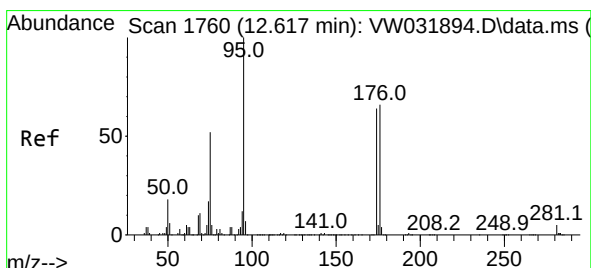
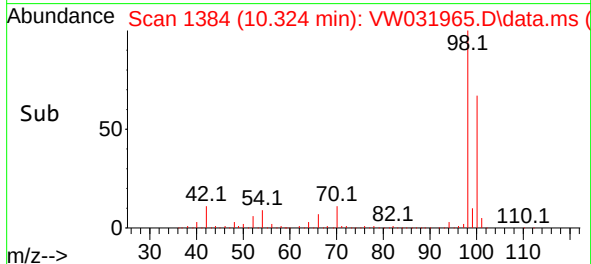
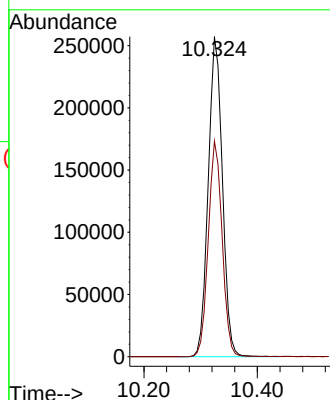
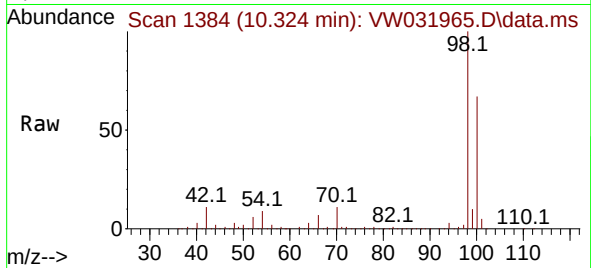




#50
Toluene-d8
Concen: 46.703 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

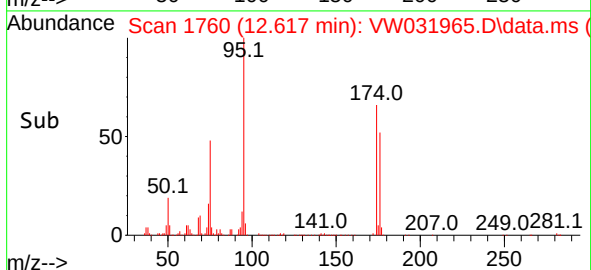
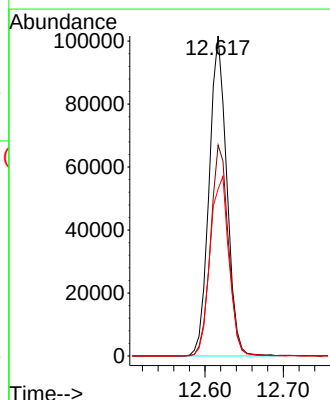
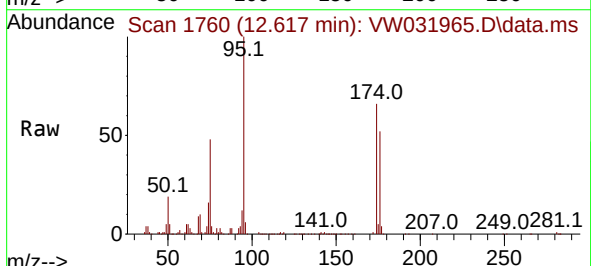
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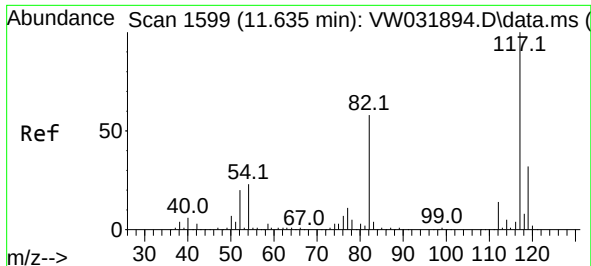
Tgt Ion: 98 Resp: 446187
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.232 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

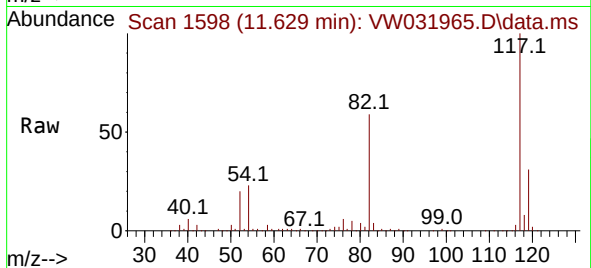
Tgt Ion: 95 Resp: 158594
Ion Ratio Lower Upper
95 100
174 66.9 0.0 129.8
176 60.5 0.0 130.4



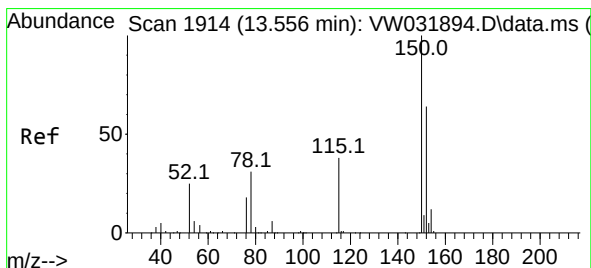
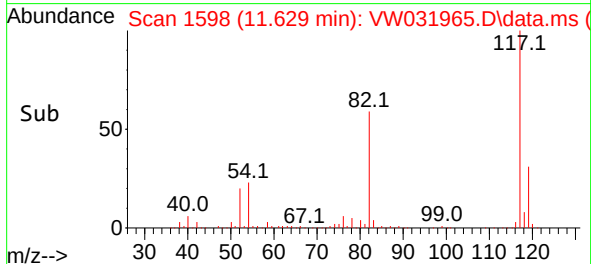
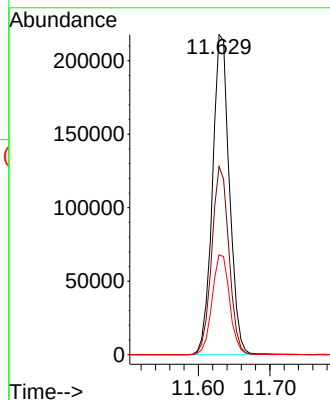


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

Instrument :
MSVOA_W
ClientSampleId :
VW0731SBL01

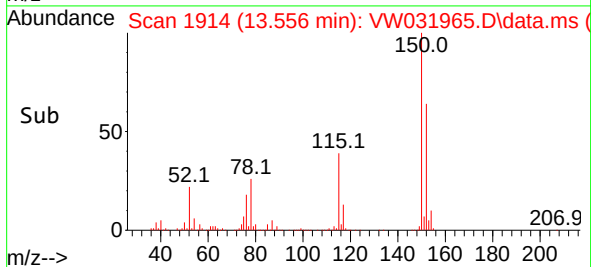
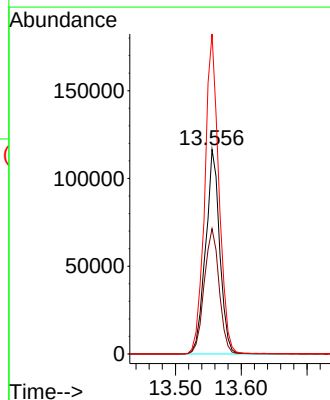
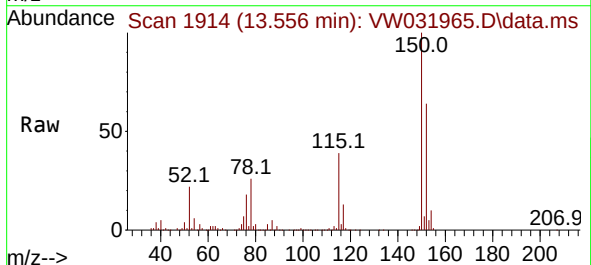


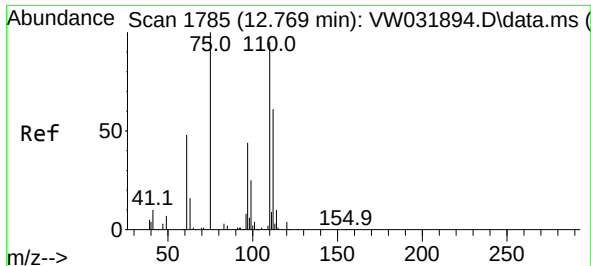
Tgt Ion:117 Resp: 358693
Ion Ratio Lower Upper
117 100
82 58.8 46.5 69.7
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

Tgt Ion:152 Resp: 173809
Ion Ratio Lower Upper
152 100
115 64.8 33.4 100.1
150 156.6 0.0 352.2

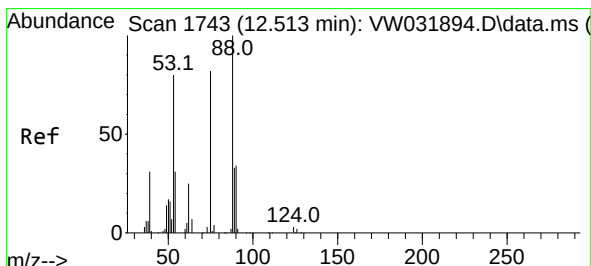
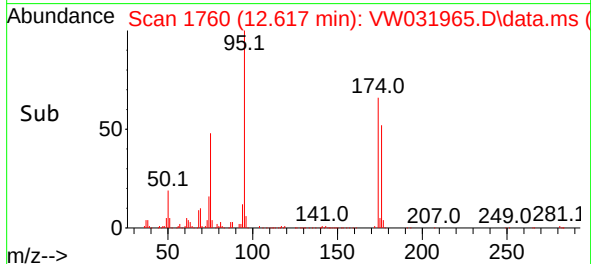
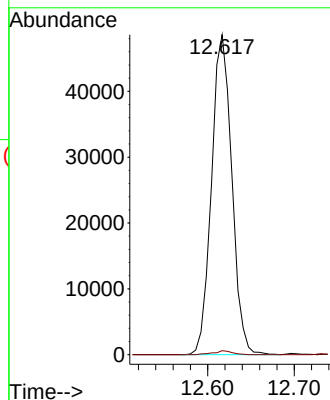
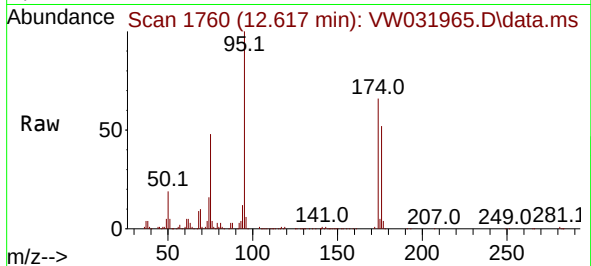




#76
1,2,3-Trichloropropane
Concen: 32.958 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.153 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

Instrument :
MSVOA_W
ClientSampleId :
VW0731SBL01

Tgt Ion: 75 Resp: 79089
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.091 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.103 min
Lab File: VW031965.D
Acq: 31 Jul 2025 11:34

Tgt Ion: 75 Resp: 79089
Ion Ratio Lower Upper
75 100
53 0.2 83.7 125.5#
89 0.0 39.0 58.6#

