

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031804.D
 Acq On : 10 Jul 2025 15:36
 Operator : SY/MD
 Sample : Q2551-01
 Misc : 4.35g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OU4-TS-29-070925

Quant Time: Jul 11 02:22:22 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)

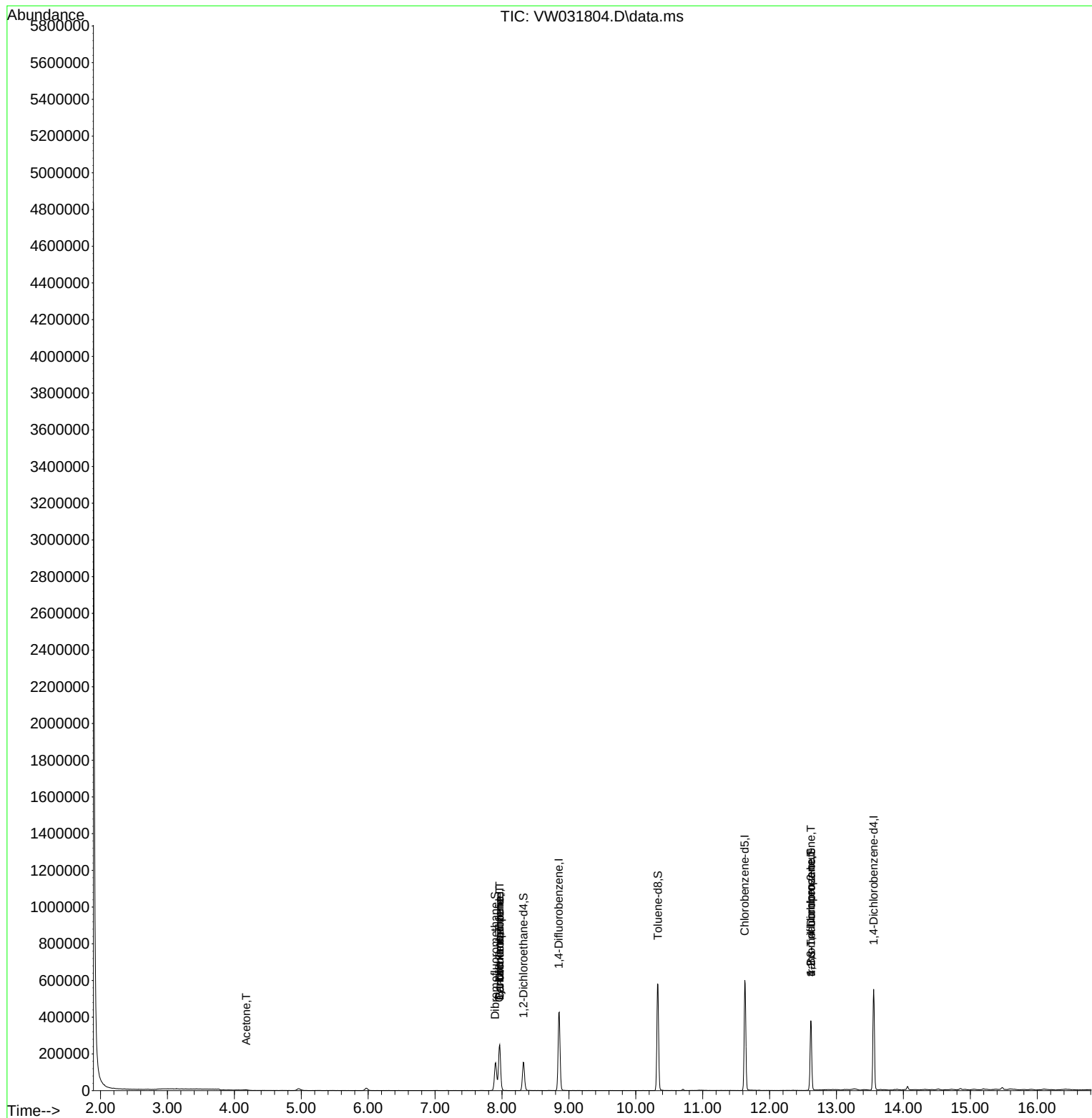
Internal Standards						
1) Pentafluorobenzene	7.965	168	166057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	358196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	316208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	137883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	128960	54.114	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.220%	
35) Dibromofluoromethane	7.898	113	111242	47.592	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 95.180%	
50) Toluene-d8	10.331	98	393680	45.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 90.520%	
62) 4-Bromofluorobenzene	12.617	95	138843	43.375	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 86.740%	
Target Compounds						
					Qvalue	
16) Acetone	4.179	43	3034	5.151	ug/l	98
20) Methylene Chloride	4.966	84	9411	Below Cal		92
31) Cyclohexane	7.959	56	4354	1.283	ug/l #	1
36) 1,1-Dichloropropene	7.965	75	15247	4.508	ug/l #	51
38) Carbon Tetrachloride	7.965	117	19166	5.561	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	72939	40.935	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	72939	95.344	ug/l #	8

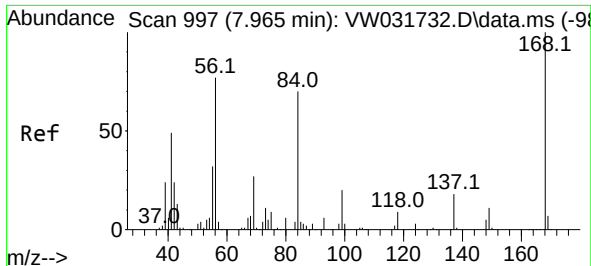
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031804.D
Acq On : 10 Jul 2025 15:36
Operator : SY/MD
Sample : Q2551-01
Misc : 4.35g/5mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-29-070925

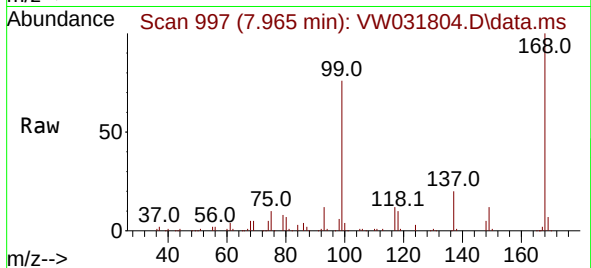
Quant Time: Jul 11 02:22:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



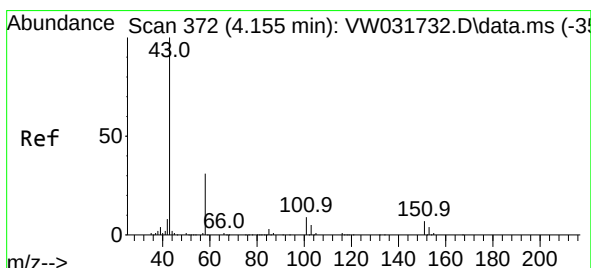
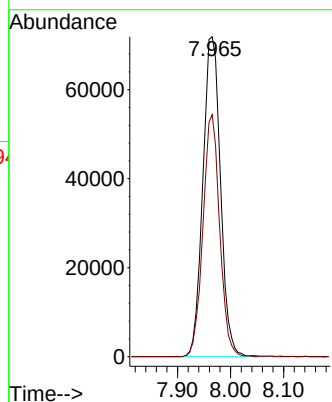
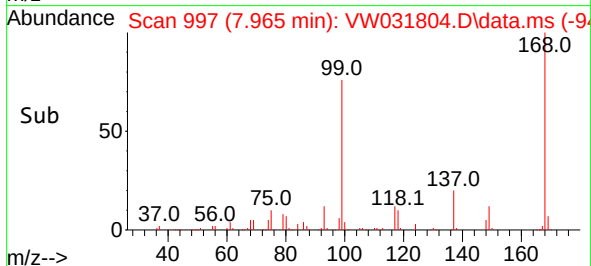


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-29-070925

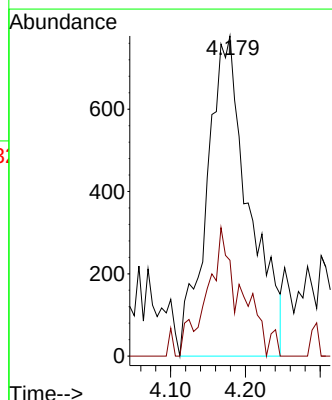
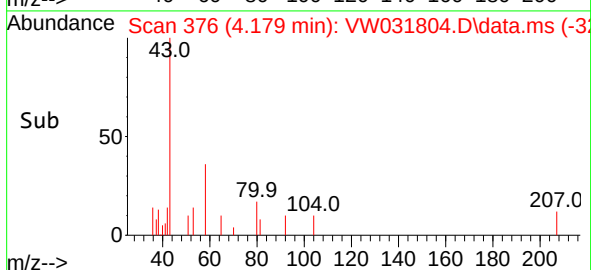
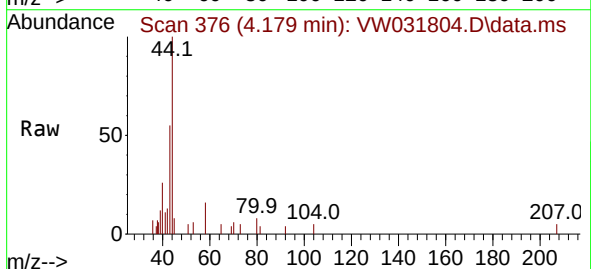


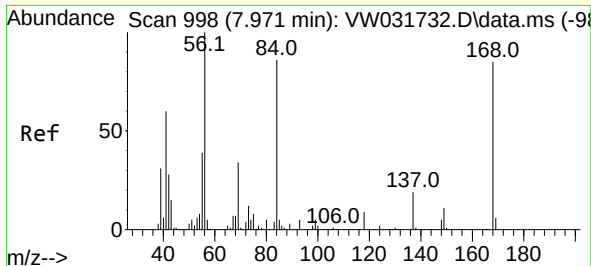
Tgt Ion:168 Resp: 166057
Ion Ratio Lower Upper
168 100
99 75.7 49.4 74.2#



#16
Acetone
Concen: 5.151 ug/l
RT: 4.179 min Scan# 376
Delta R.T. 0.025 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

Tgt Ion: 43 Resp: 3034
Ion Ratio Lower Upper
43 100
58 29.9 24.8 37.2

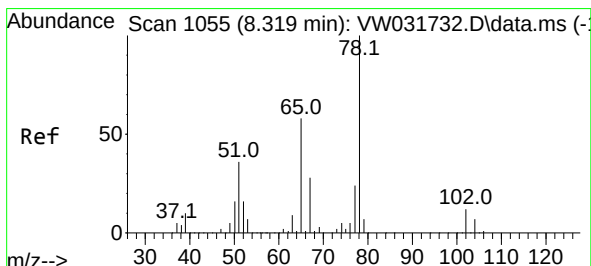
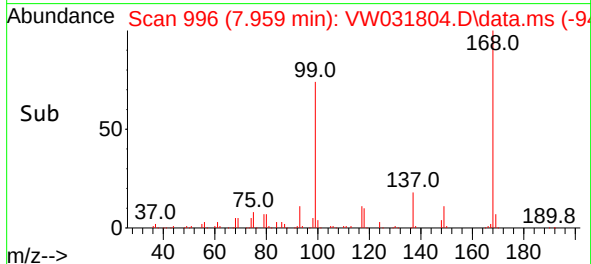
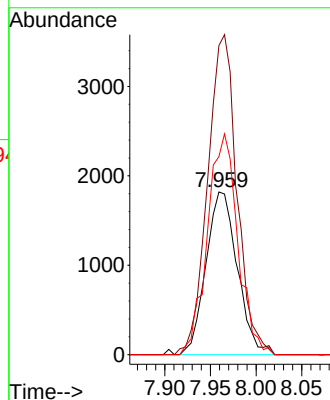
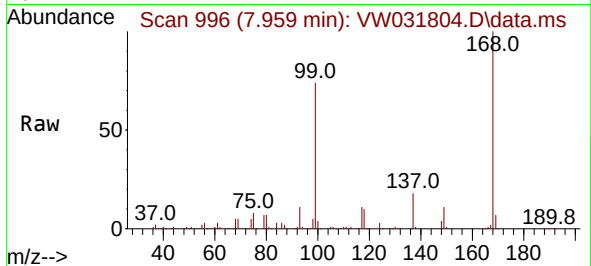




#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

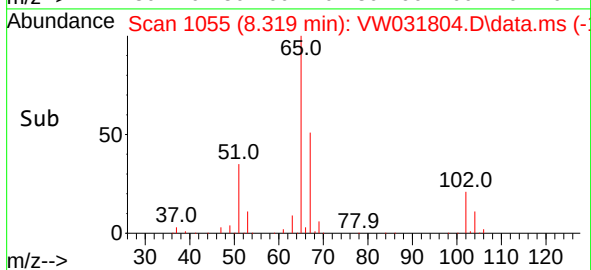
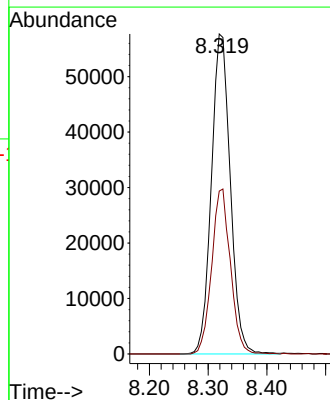
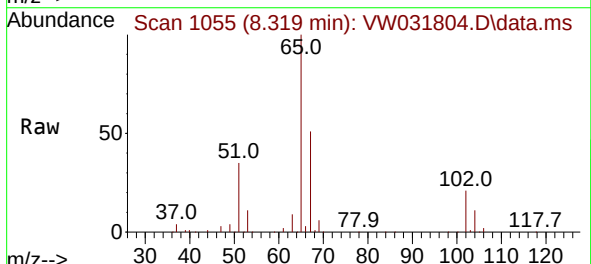
Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-29-070925

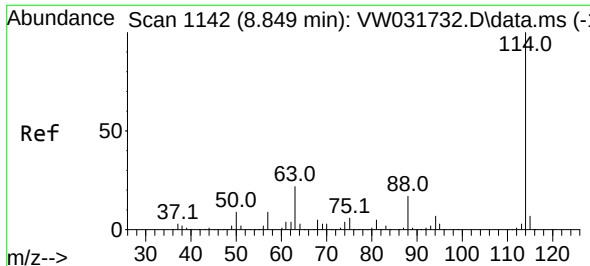
Tgt Ion: 56 Resp: 4354
Ion Ratio Lower Upper
56 100
69 189.9 27.2 40.8#
84 121.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 54.114 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

Tgt Ion: 65 Resp: 128960
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4

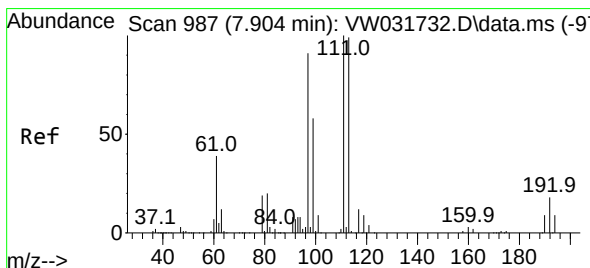
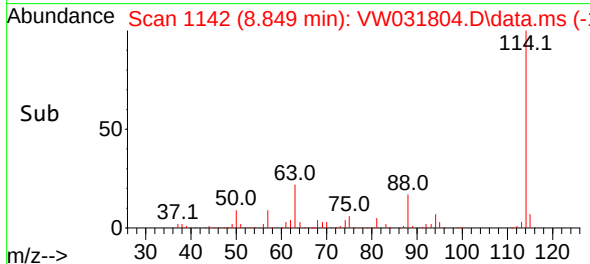
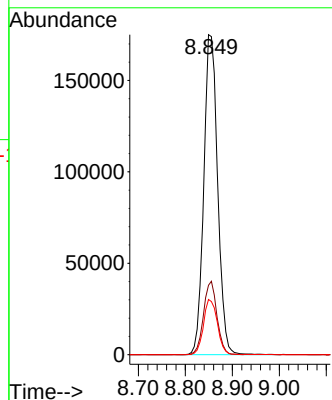
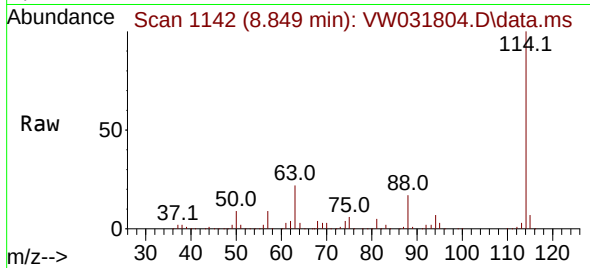




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

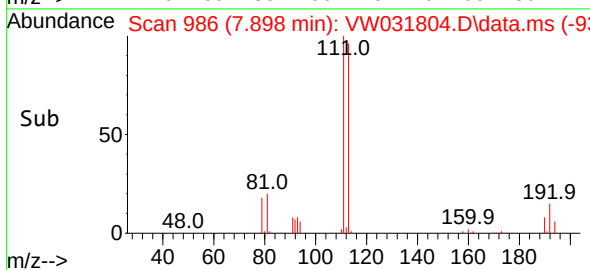
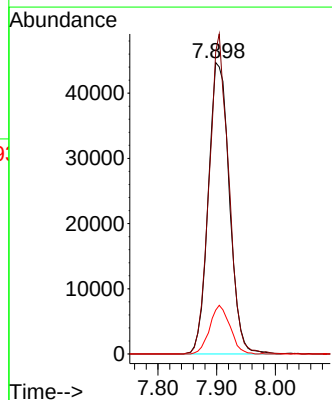
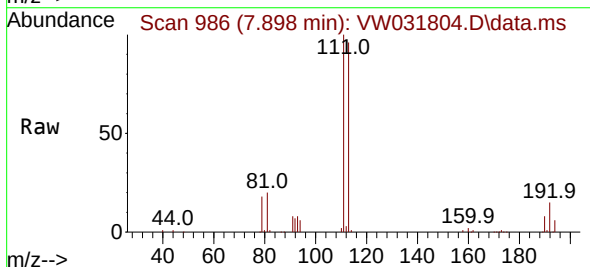
Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-29-070925

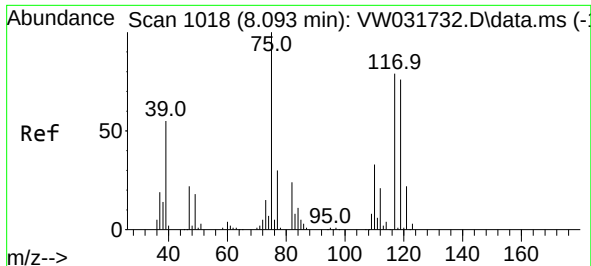
Tgt Ion:114 Resp: 358196
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.6
88 17.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.592 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

Tgt Ion:113 Resp: 111242
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 16.1 13.8 20.6

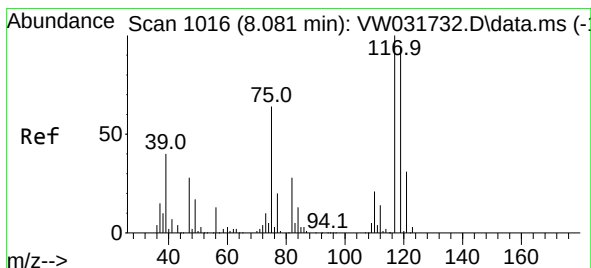
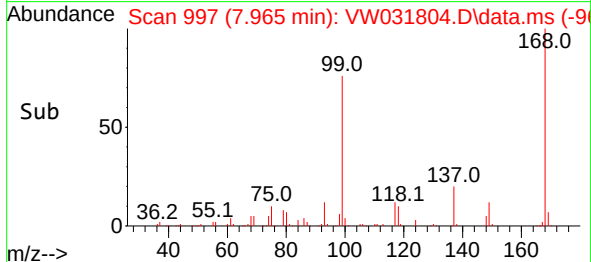
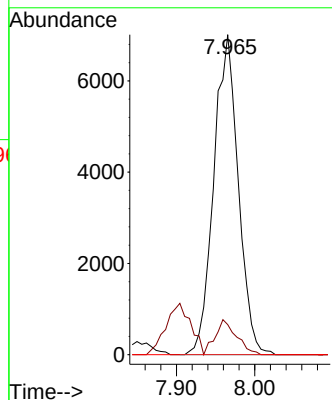
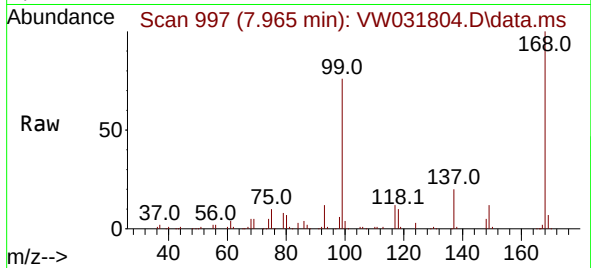




#36
 1,1-Dichloropropene
 Concen: 4.508 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.128 min
 Lab File: VW031804.D
 Acq: 10 Jul 2025 15:36

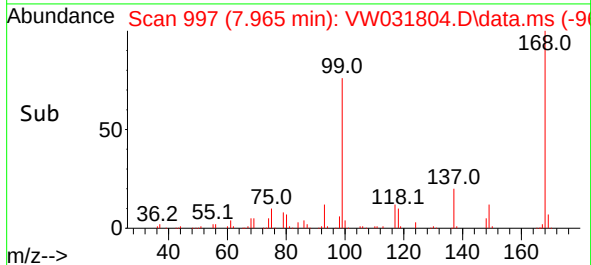
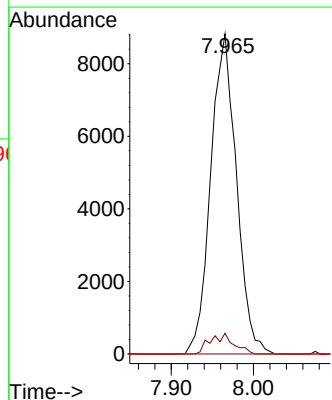
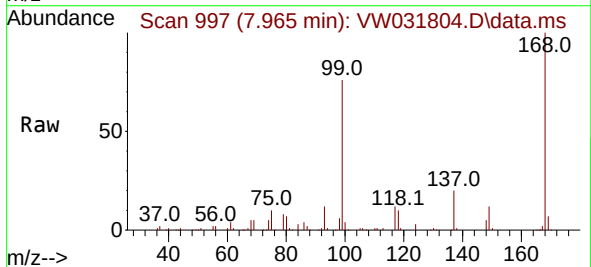
Instrument :
 MSVOA_W
 ClientSampleId :
 OU4-TS-29-070925

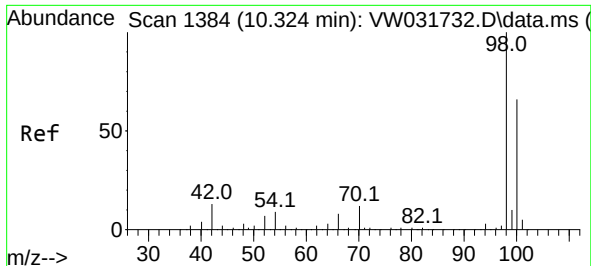
Tgt Ion: 75 Resp: 15247
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.561 ug/l
 RT: 7.965 min Scan# 997
 Delta R.T. -0.116 min
 Lab File: VW031804.D
 Acq: 10 Jul 2025 15:36

Tgt Ion: 117 Resp: 19166
 Ion Ratio Lower Upper
 117 100
 119 6.4 75.0 112.6#
 121 0.0 24.6 37.0#

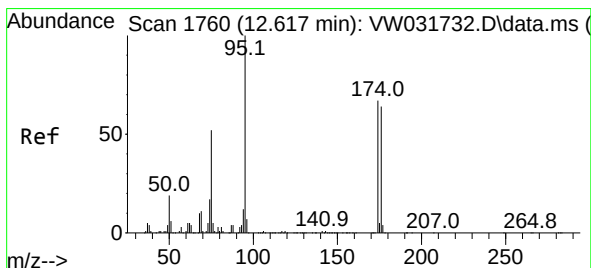
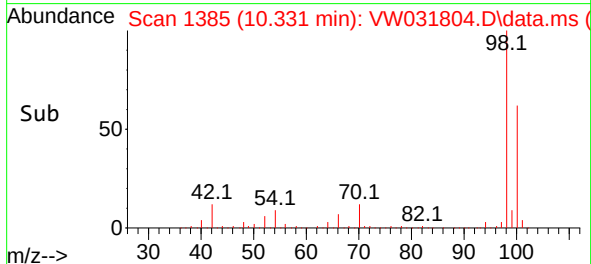
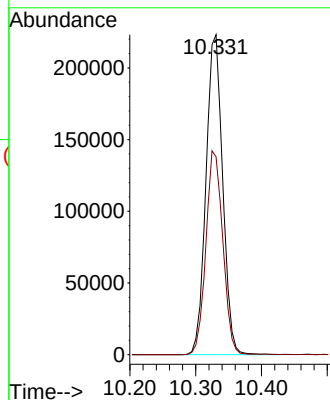
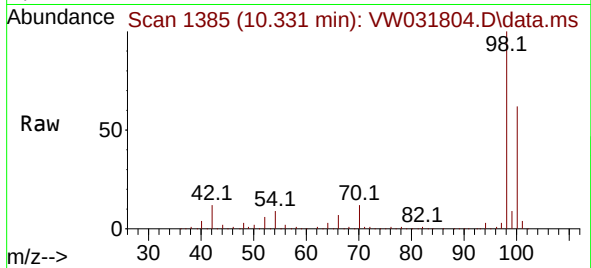




#50
Toluene-d8
Concen: 45.259 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

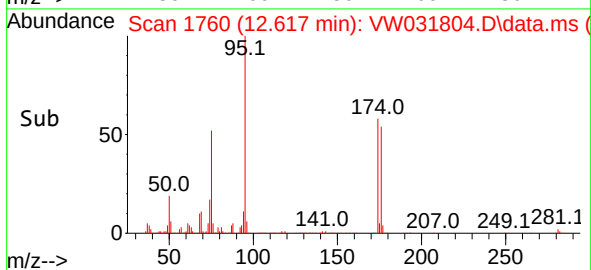
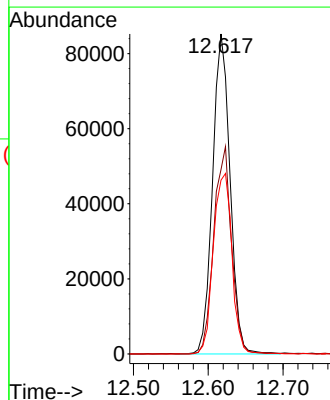
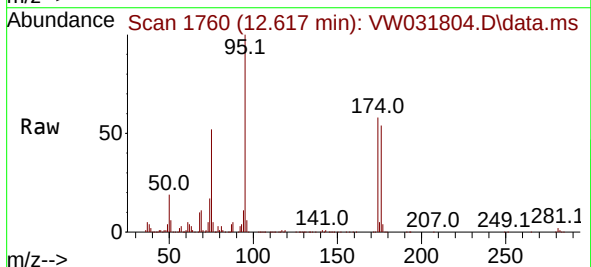
Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-29-070925

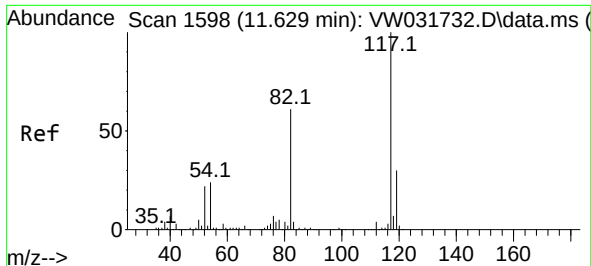
Tgt Ion: 98 Resp: 393680
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.375 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

Tgt Ion: 95 Resp: 138843
Ion Ratio Lower Upper
95 100
174 65.8 0.0 133.8
176 60.1 0.0 126.0

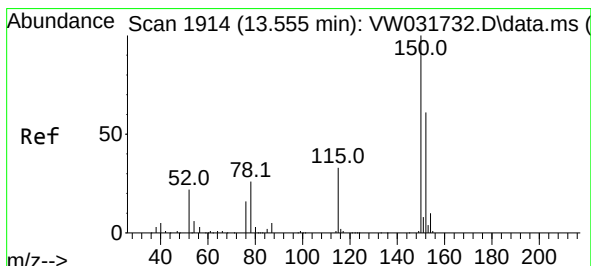
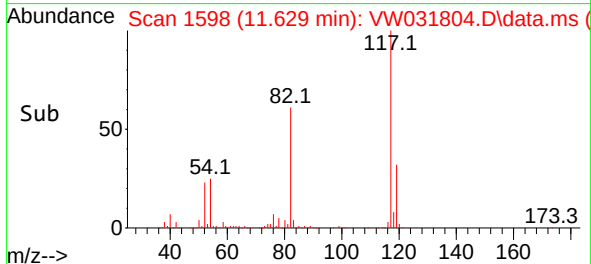
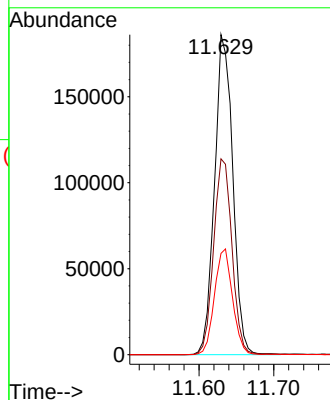
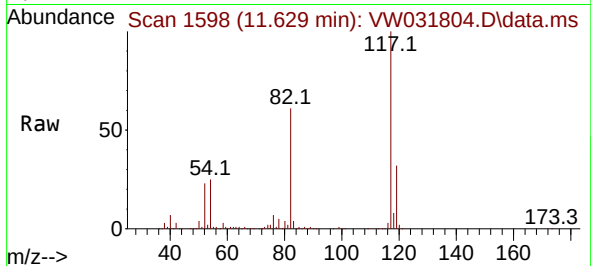




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

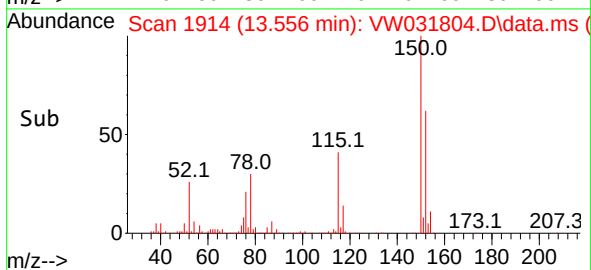
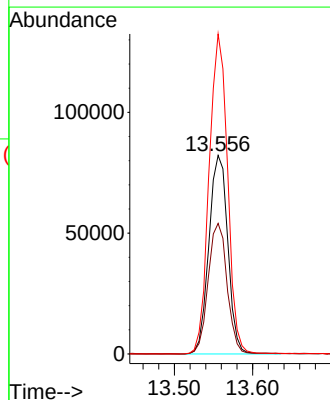
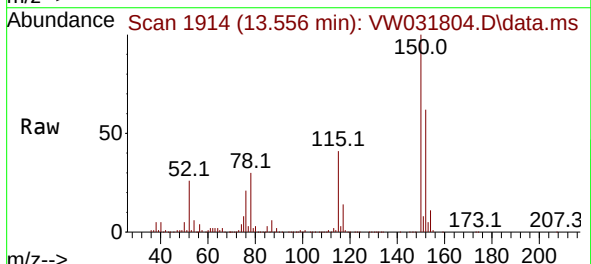
Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-29-070925

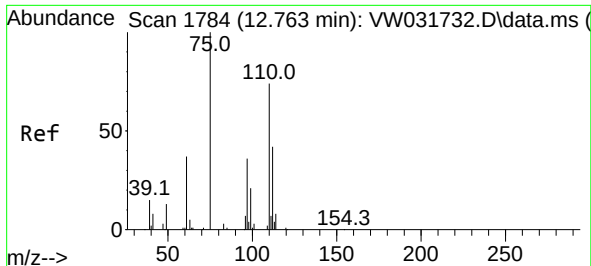
Tgt Ion:117 Resp: 316208
Ion Ratio Lower Upper
117 100
82 61.2 48.6 72.8
119 31.7 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

Tgt Ion:152 Resp: 137883
Ion Ratio Lower Upper
152 100
115 65.7 31.9 95.7
150 157.3 0.0 356.4

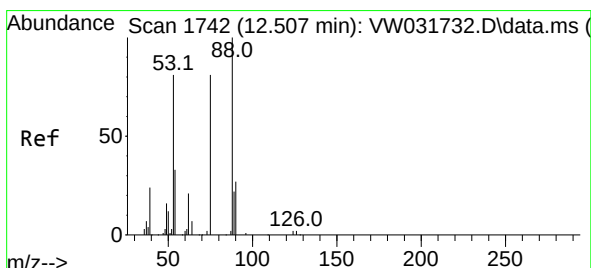
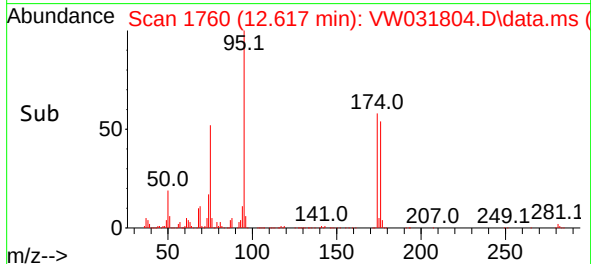
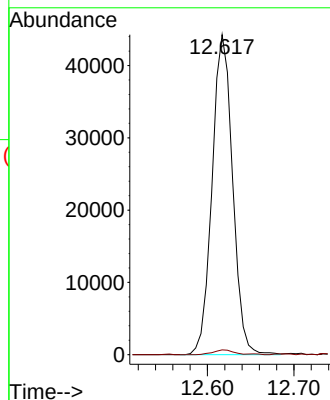
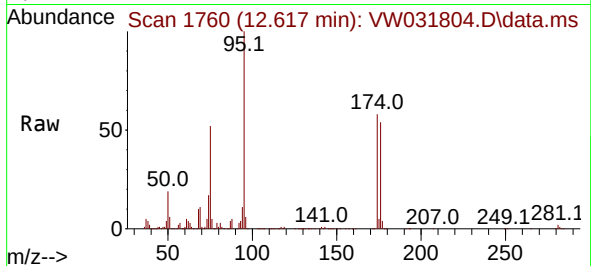




#76
1,2,3-Trichloropropane
Concen: 40.935 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

Instrument :
MSVOA_W
ClientSampleId :
OU4-TS-29-070925

Tgt Ion: 75 Resp: 72939
Ion Ratio Lower Upper
75 100
77 1.5 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.344 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031804.D
Acq: 10 Jul 2025 15:36

Tgt Ion: 75 Resp: 72939
Ion Ratio Lower Upper
75 100
53 0.2 83.5 125.3#
89 0.2 38.3 57.5#

