

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031825.D
 Acq On : 11 Jul 2025 17:16
 Operator : SY/MD
 Sample : Q2546-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:51:32 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)

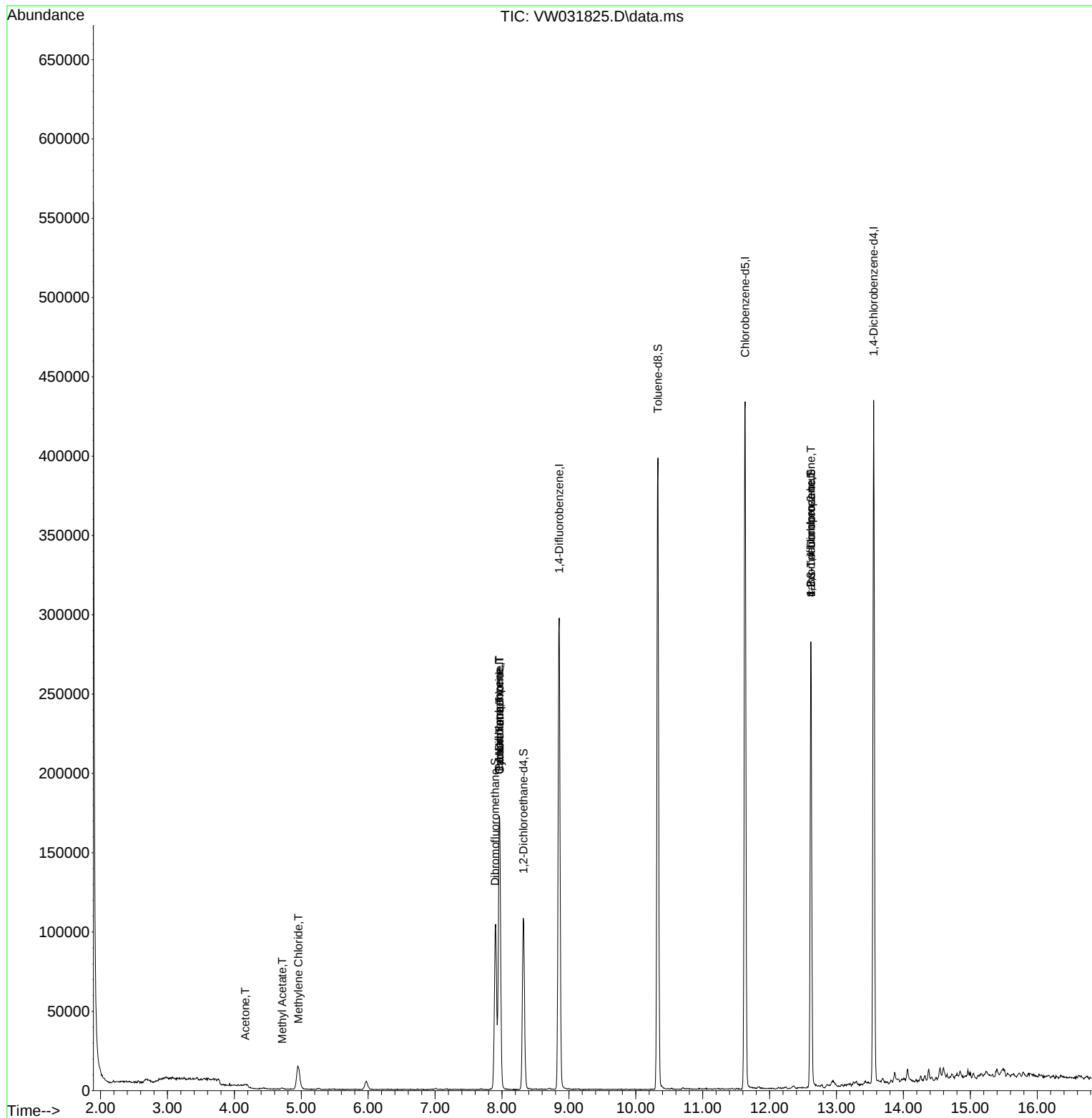
Internal Standards						
1) Pentafluorobenzene	7.959	168	117110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	237671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	105480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	90759	54.002	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 108.000%		
35) Dibromofluoromethane	7.898	113	74074	45.289	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 90.580%		
50) Toluene-d8	10.330	98	265155	43.564	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 87.120%		
62) 4-Bromofluorobenzene	12.617	95	99476	44.411	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 88.820%		
Target Compounds						Qvalue
16) Acetone	4.161	43	1941	4.673	ug/l	99
18) Methyl Acetate	4.716	43	1428	1.203	ug/l #	80
20) Methylene Chloride	4.959	84	12283	3.277	ug/l	90
31) Cyclohexane	7.965	56	3370	1.408	ug/l #	31
36) 1,1-Dichloropropene	7.959	75	11389	4.812	ug/l #	51
38) Carbon Tetrachloride	7.965	117	13935	5.778	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	52140	38.251	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	52140	89.093	ug/l #	8

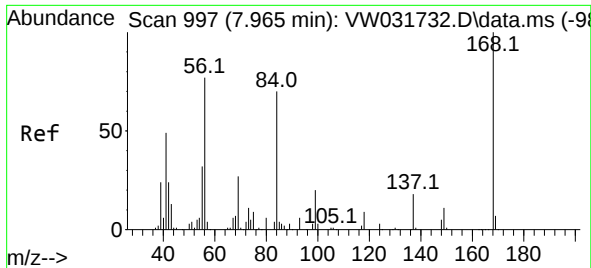
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031825.D
Acq On : 11 Jul 2025 17:16
Operator : SY/MD
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Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 11 22:51:32 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

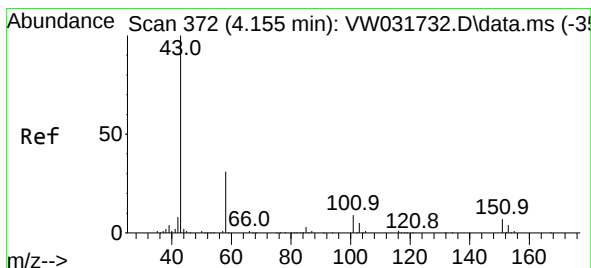
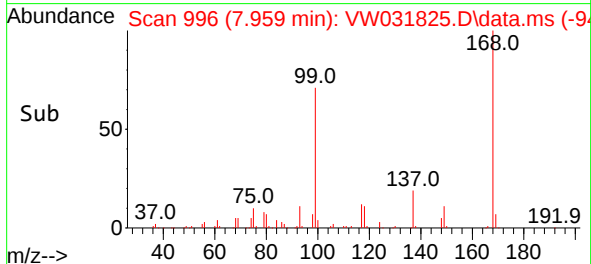
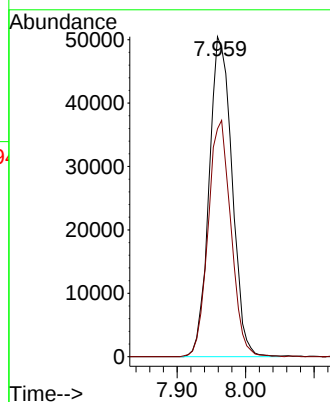
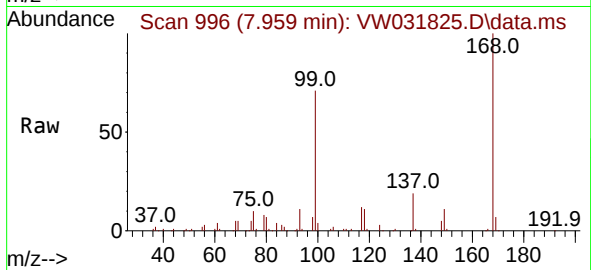




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

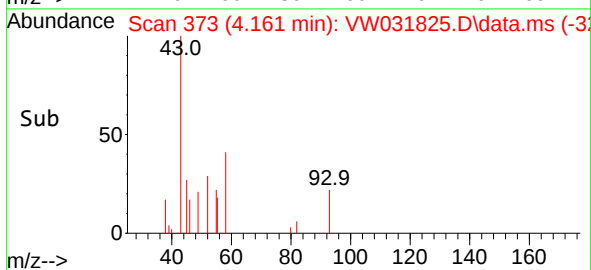
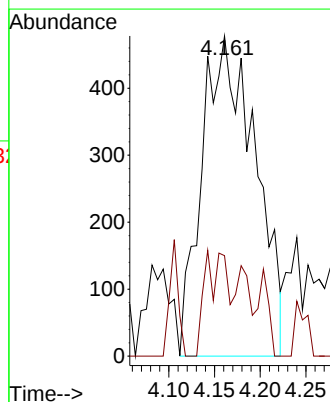
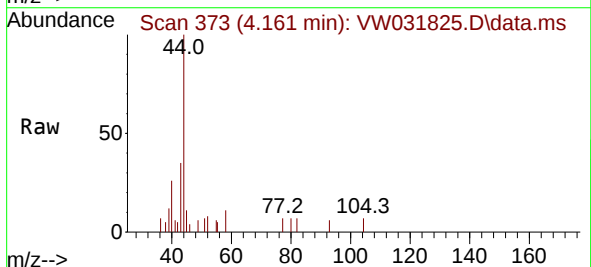
Instrument :
MSVOA_W
ClientSampleId :

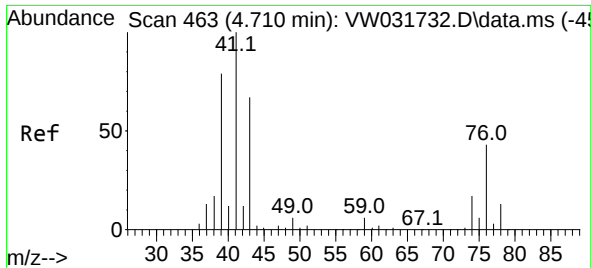
Tgt Ion:168 Resp: 117110
Ion Ratio Lower Upper
168 100
99 71.2 49.4 74.2



#16
Acetone
Concen: 4.673 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
58 31.4 24.8 37.2

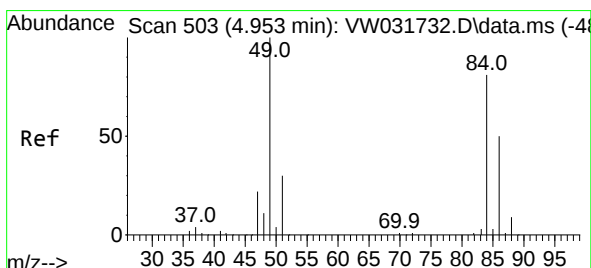
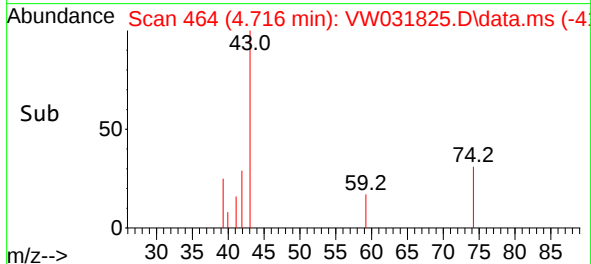
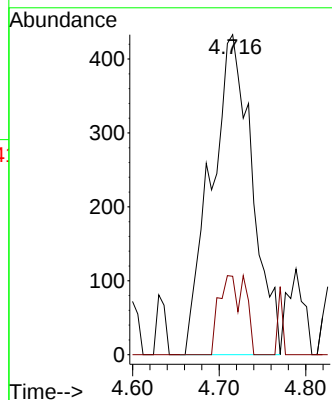
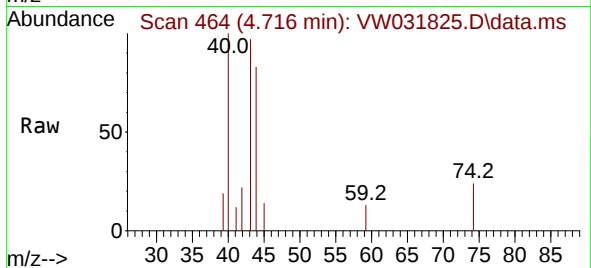




#18
Methyl Acetate
Concen: 1.203 ug/l
RT: 4.716 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

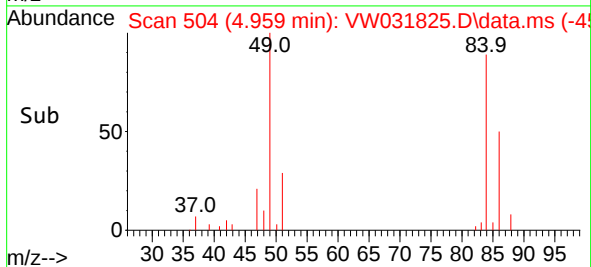
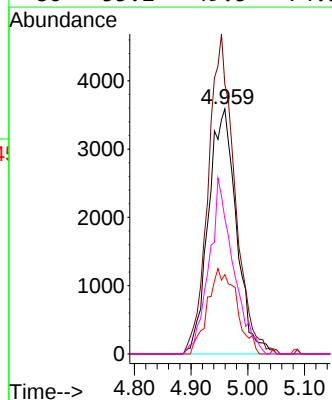
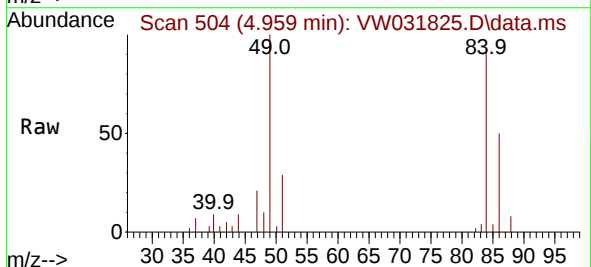
Instrument :
MSVOA_W
ClientSampleId :

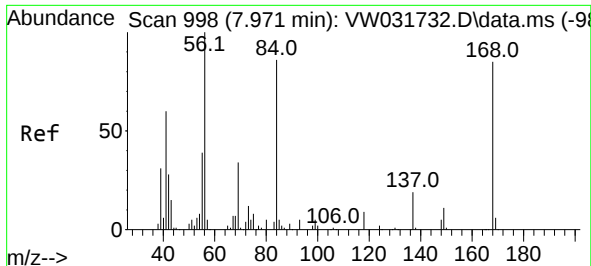
Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
74 15.5 20.6 30.8#



#20
Methylene Chloride
Concen: 3.277 ug/l
RT: 4.959 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

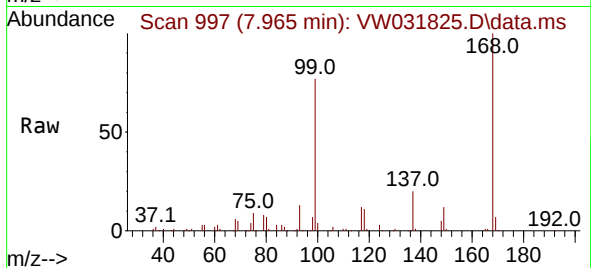
Tgt Ion: 84 Resp: 12283
Ion Ratio Lower Upper
84 100
49 110.0 98.2 147.4
51 32.3 29.8 44.8
86 55.2 49.5 74.3



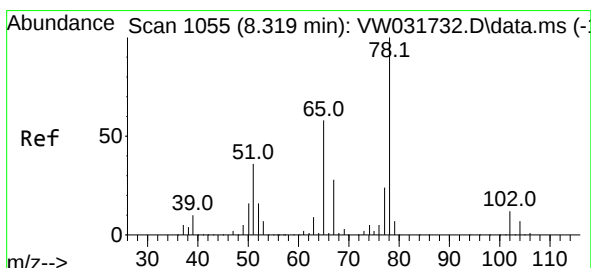
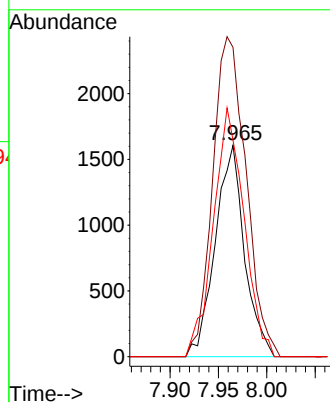
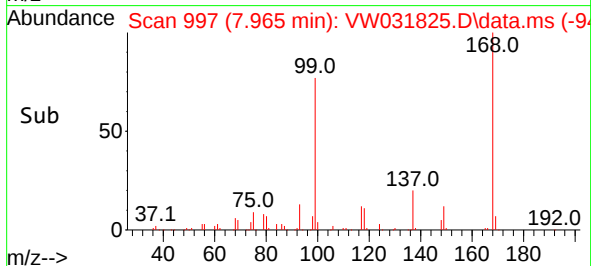


#31
Cyclohexane
Concen: 1.408 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

Instrument :
MSVOA_W
ClientSampleId :

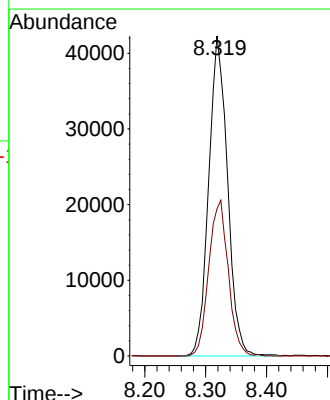
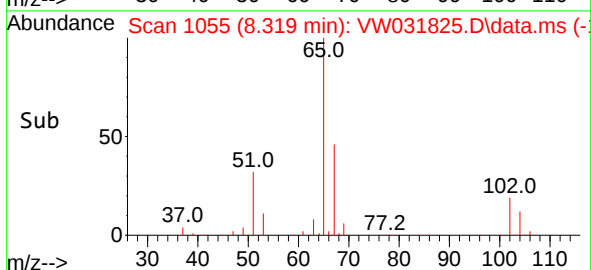
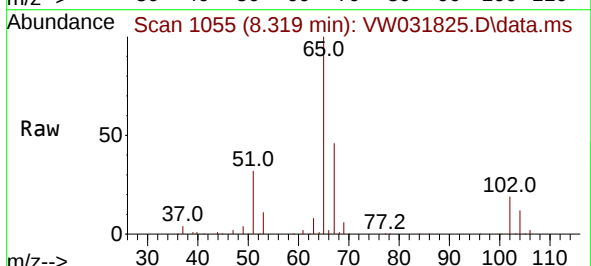


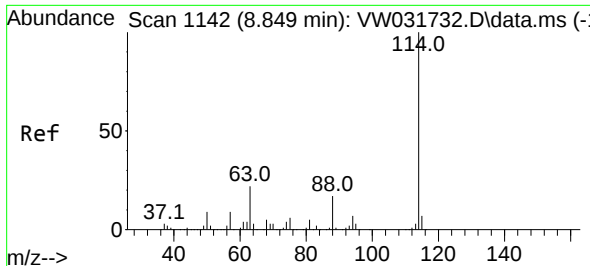
Tgt Ion: 56 Resp: 3370
Ion Ratio Lower Upper
56 100
69 146.4 27.2 40.8#
84 102.4 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 54.002 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

Tgt Ion: 65 Resp: 90759
Ion Ratio Lower Upper
65 100
67 50.4 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: VW031825.D

Acq: 11 Jul 2025 17:16

Instrument :

MSVOA_W

ClientSampleId :

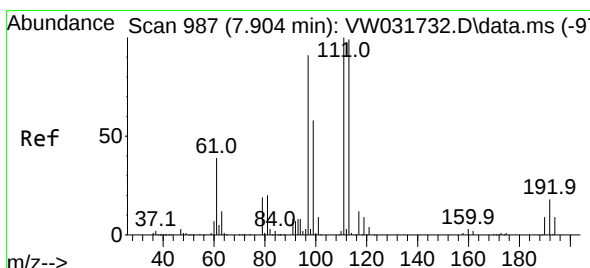
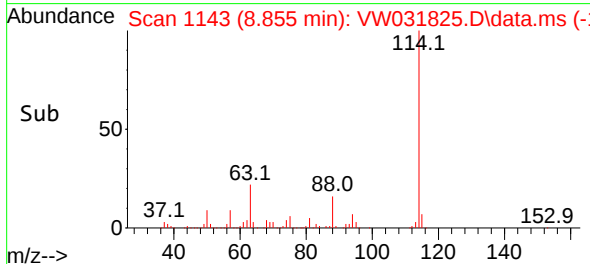
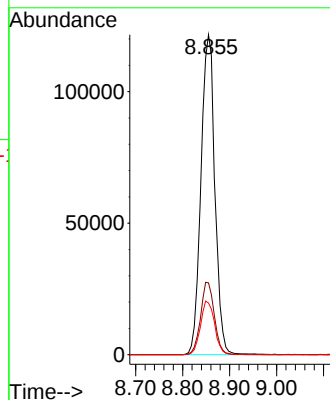
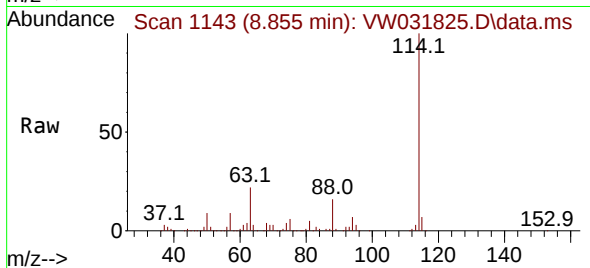
Tgt Ion:114 Resp: 250646

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.6

88 16.2 0.0 34.2



#35

Dibromofluoromethane

Concen: 45.289 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031825.D

Acq: 11 Jul 2025 17:16

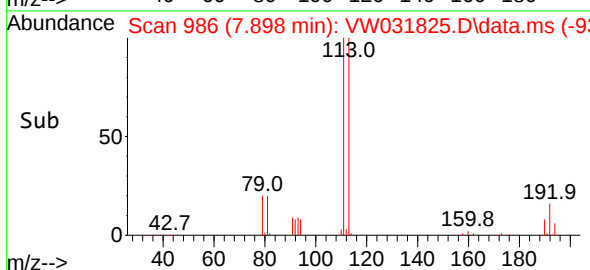
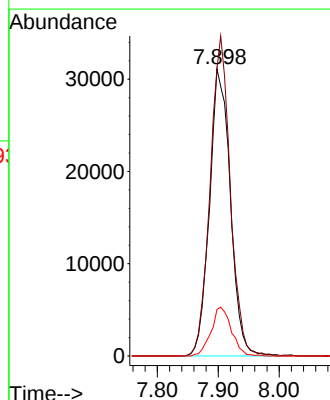
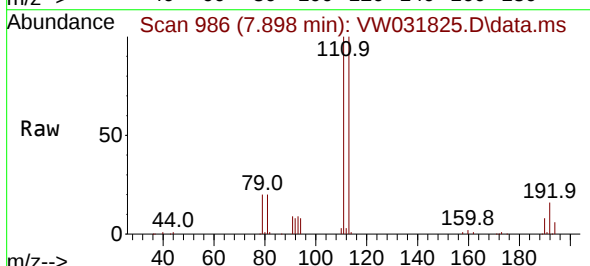
Tgt Ion:113 Resp: 74074

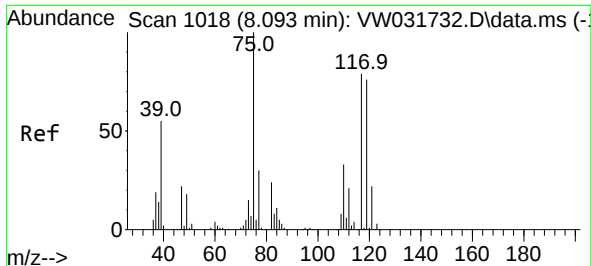
Ion Ratio Lower Upper

113 100

111 107.5 82.1 123.1

192 16.5 13.8 20.6





#36

1,1-Dichloropropene

Concen: 4.812 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.134 min

Lab File: VW031825.D

Acq: 11 Jul 2025 17:16

Instrument :

MSVOA_W

ClientSampleId :

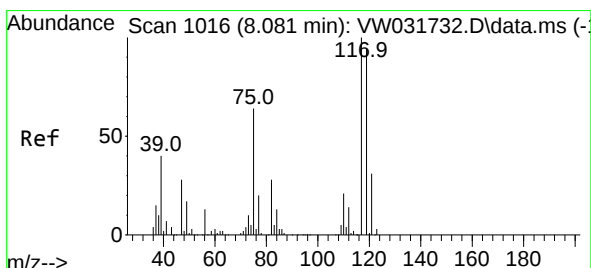
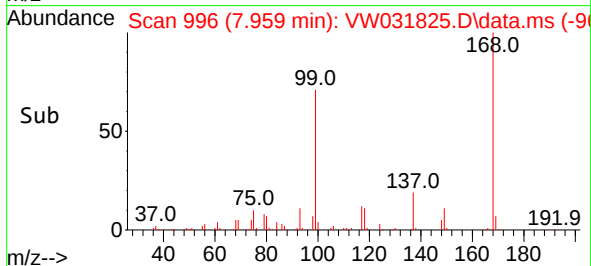
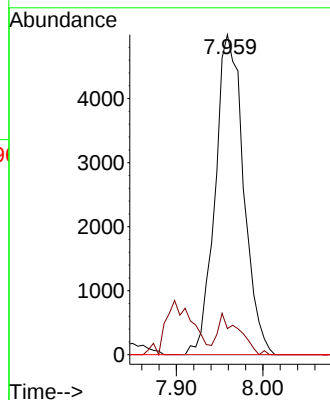
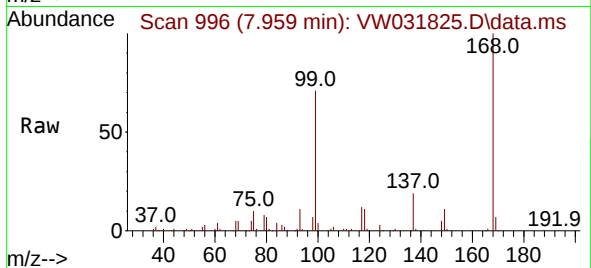
Tgt Ion: 75 Resp: 11389

Ion Ratio Lower Upper

75 100

110 9.5 16.8 50.4#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.778 ug/l

RT: 7.965 min Scan# 997

Delta R.T. -0.116 min

Lab File: VW031825.D

Acq: 11 Jul 2025 17:16

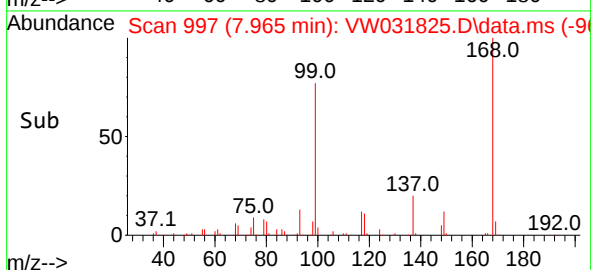
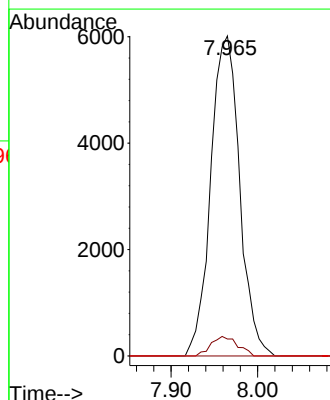
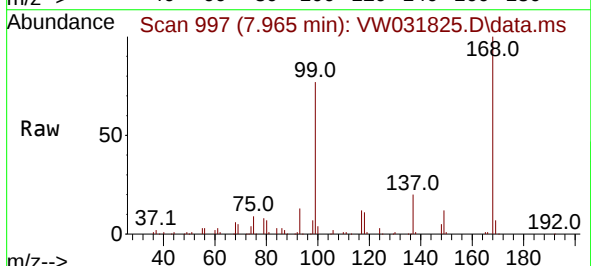
Tgt Ion: 117 Resp: 13935

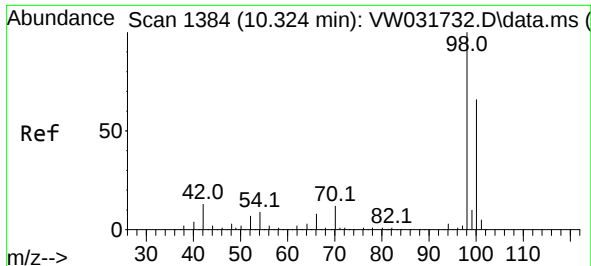
Ion Ratio Lower Upper

117 100

119 5.3 75.0 112.6#

121 0.0 24.6 37.0#

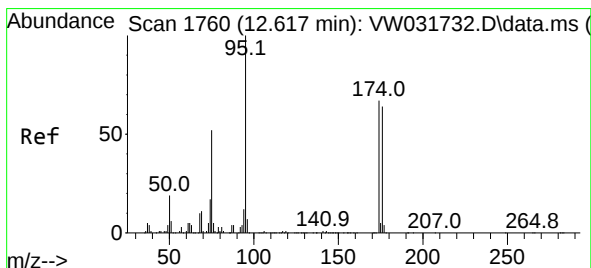
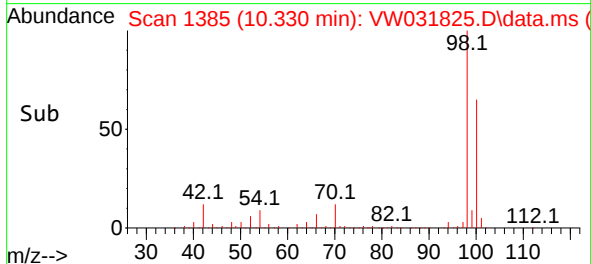
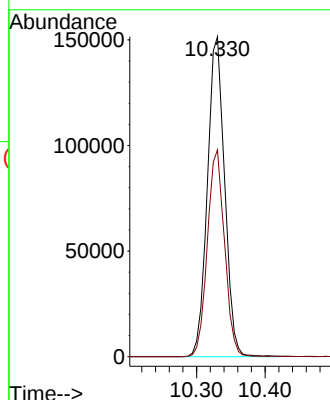
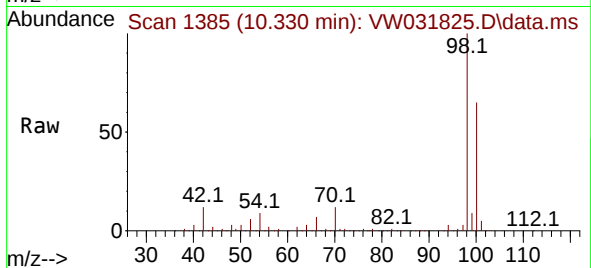




#50
Toluene-d8
Concen: 43.564 ug/l
RT: 10.330 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

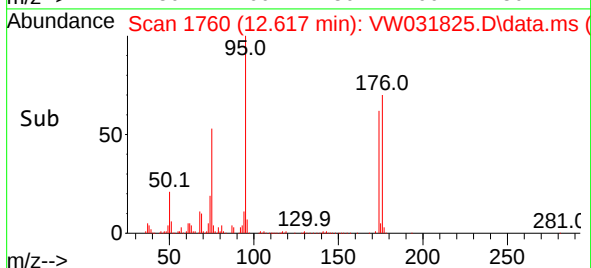
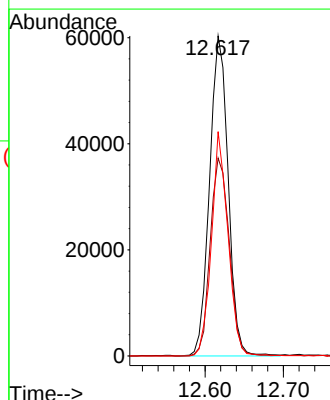
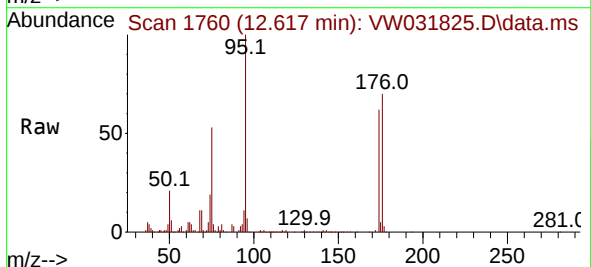
Instrument :
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ClientSampleId :

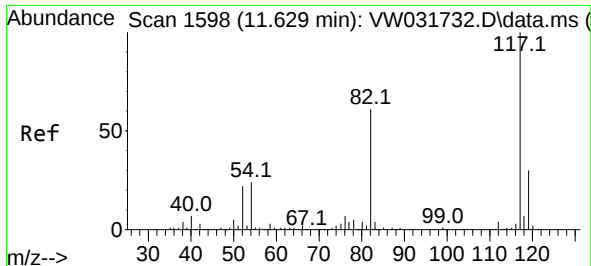
Tgt Ion: 98 Resp: 265155
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.411 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

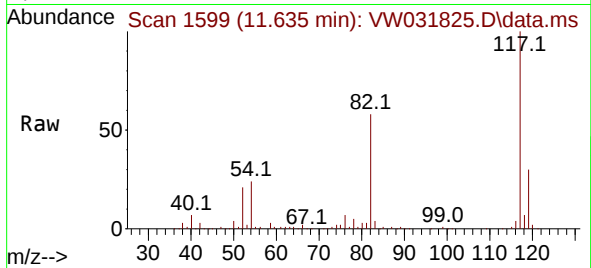
Tgt Ion: 95 Resp: 99476
Ion Ratio Lower Upper
95 100
174 63.8 0.0 133.8
176 62.2 0.0 126.0



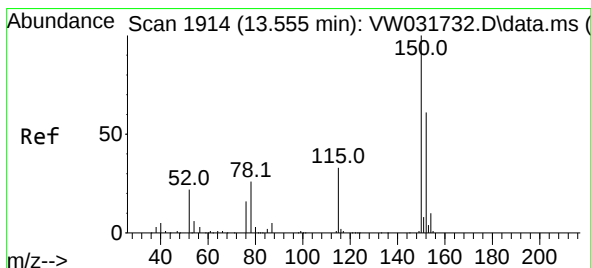
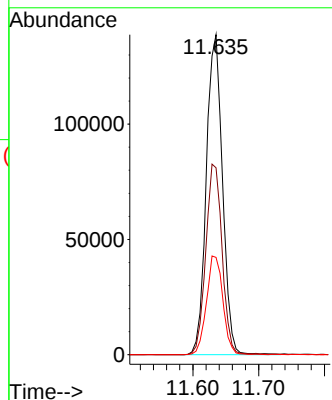
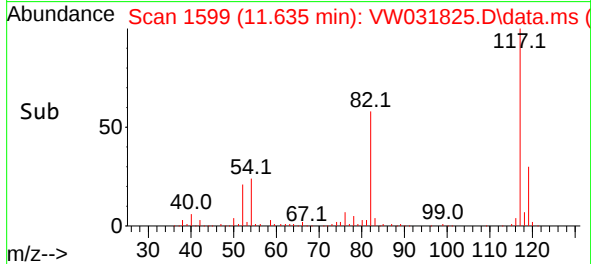


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

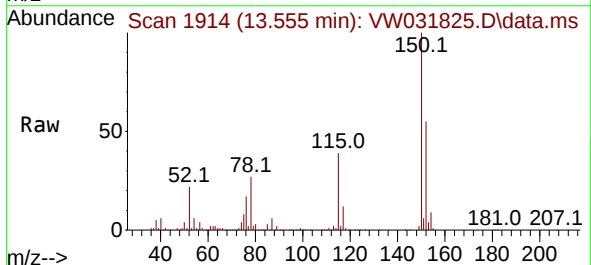
Instrument :
MSVOA_W
ClientSampleId :



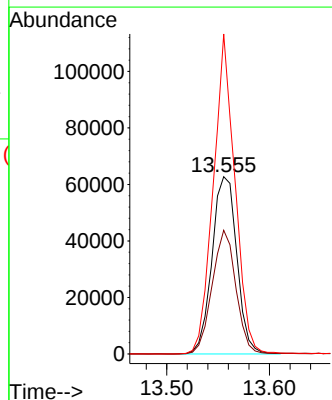
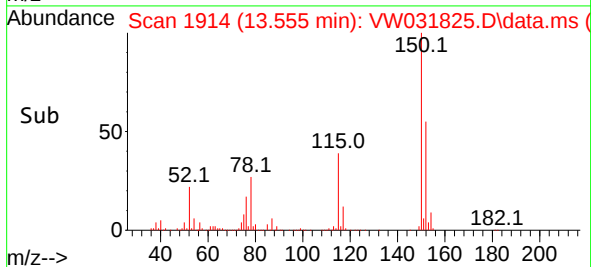
Tgt Ion:117 Resp: 237671
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 30.4 23.9 35.9

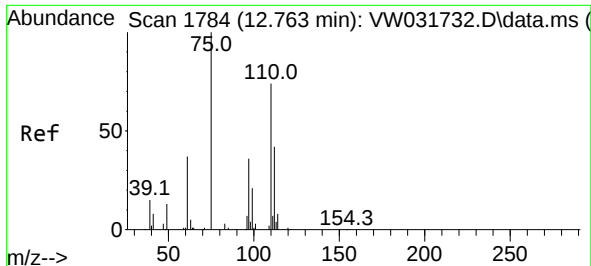


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16



Tgt Ion:152 Resp: 105480
Ion Ratio Lower Upper
152 100
115 66.6 31.9 95.7
150 157.6 0.0 356.4

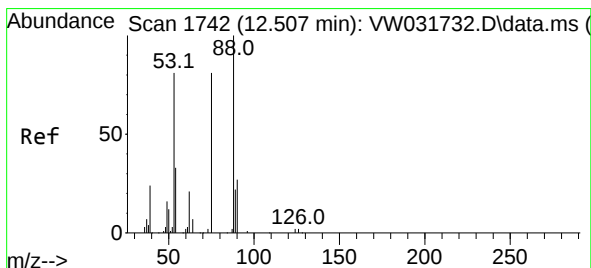
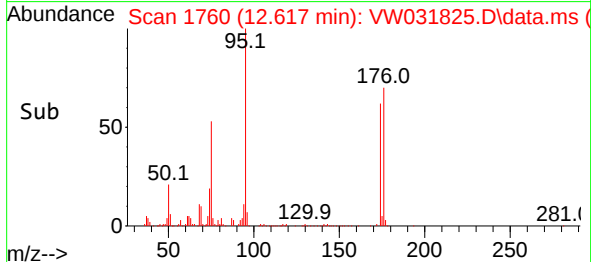
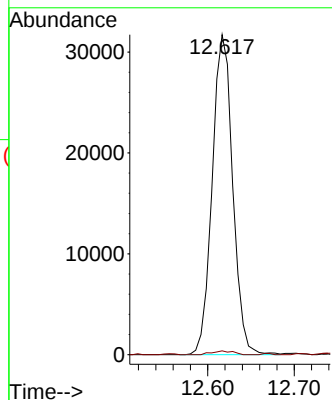
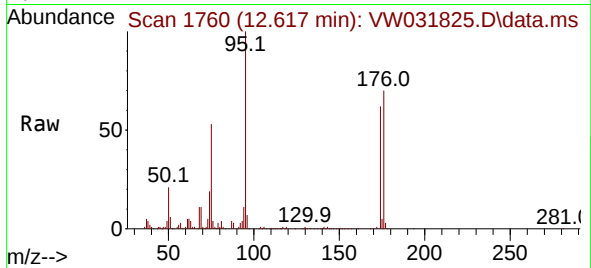




#76
1,2,3-Trichloropropane
Concen: 38.251 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 52140
Ion Ratio Lower Upper
75 100
77 1.2 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.093 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031825.D
Acq: 11 Jul 2025 17:16

Tgt Ion: 75 Resp: 52140
Ion Ratio Lower Upper
75 100
53 0.4 83.5 125.3#
89 0.0 38.3 57.5#

