

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031830.D
 Acq On : 11 Jul 2025 19:06
 Operator : SY/MD
 Sample : Q2571-07
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:53:22 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)

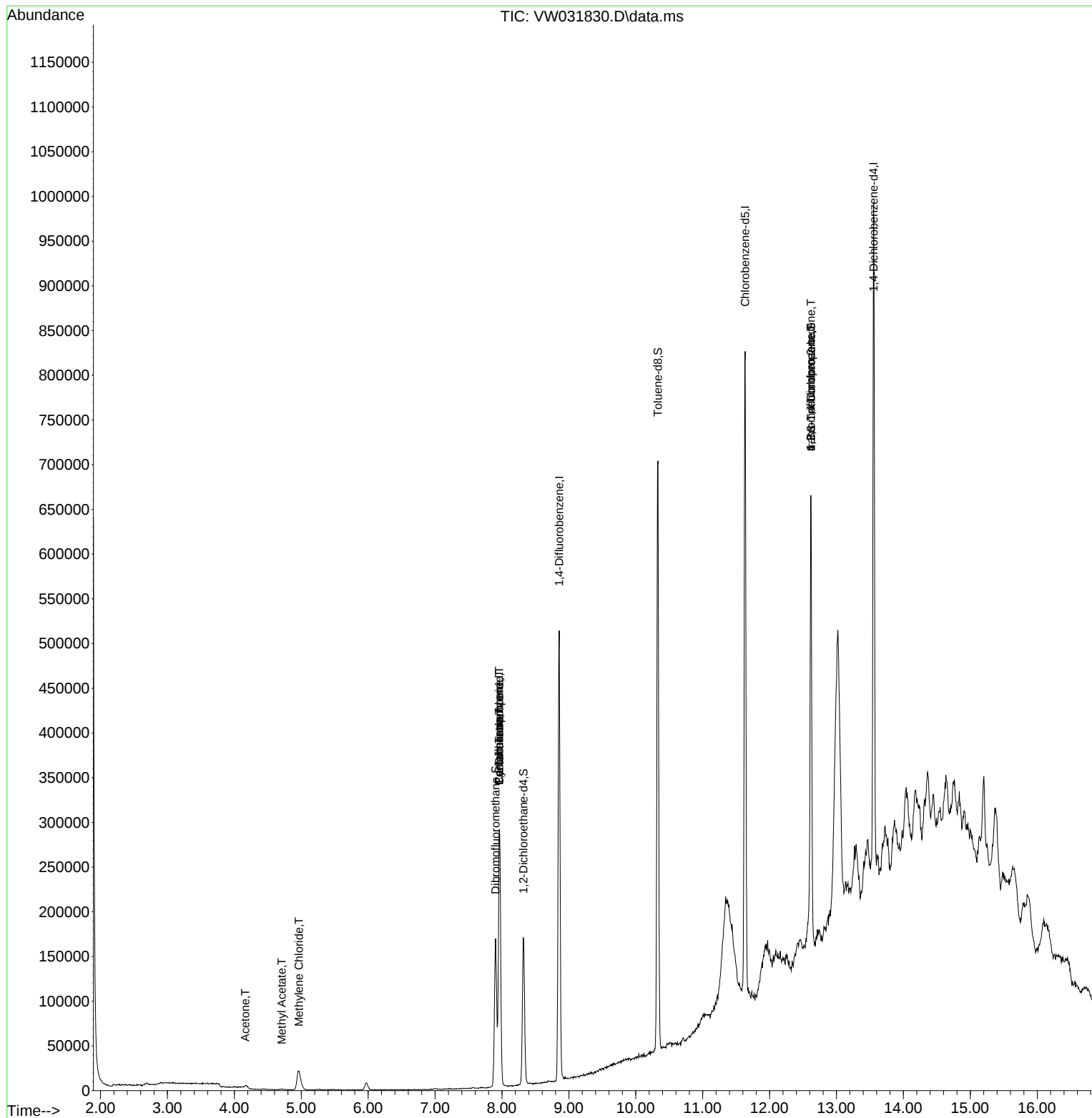
Internal Standards						
1) Pentafluorobenzene	7.959	168	200466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	417574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	397747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	185577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	139668	48.548	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.100%
35) Dibromofluoromethane	7.904	113	118039	43.319	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	86.640%
50) Toluene-d8	10.330	98	447450	44.126	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	88.260%
62) 4-Bromofluorobenzene	12.617	95	186070	49.863	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.720%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	2588	3.640	ug/l	97
18) Methyl Acetate	4.710	43	2220	1.092	ug/l #	89
20) Methylene Chloride	4.966	84	20858	3.214	ug/l	94
31) Cyclohexane	7.959	56	6198	1.513	ug/l #	9
36) 1,1-Dichloropropene	7.959	75	19351	4.908	ug/l #	52
38) Carbon Tetrachloride	7.959	117	25356	6.311	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	91228	38.041	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	91228	88.603	ug/l #	8

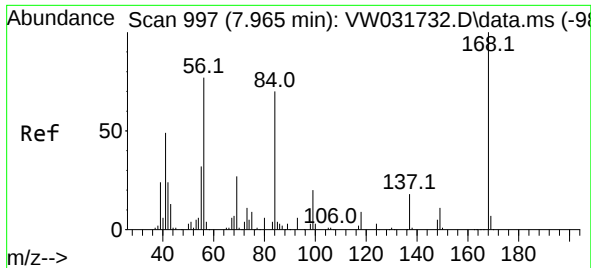
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031830.D
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Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 11 22:53:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
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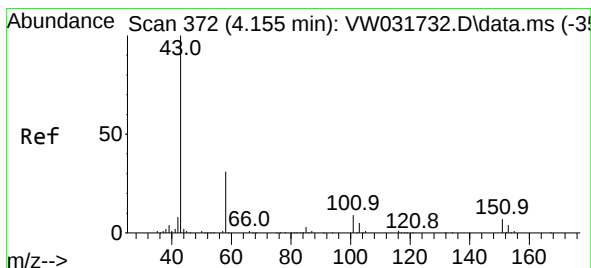
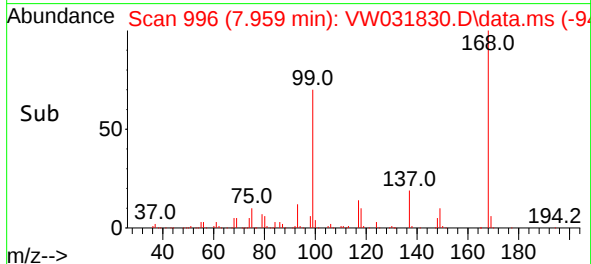
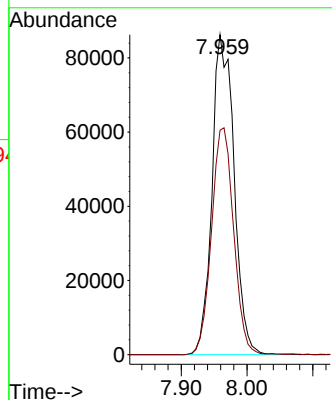
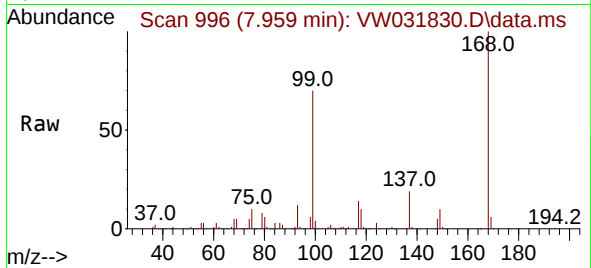




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031830.D
Acq: 11 Jul 2025 19:06

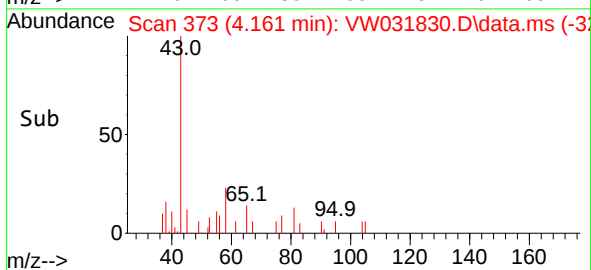
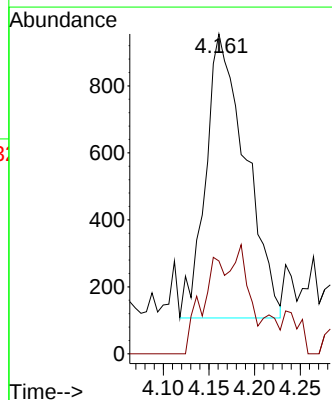
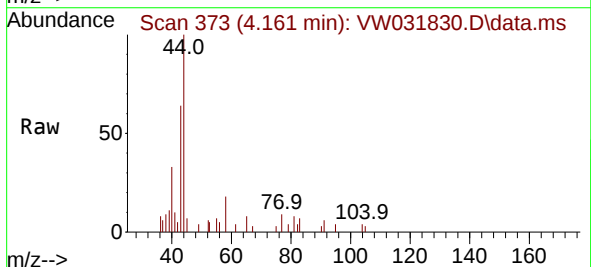
Instrument :
MSVOA_W
ClientSampleId :

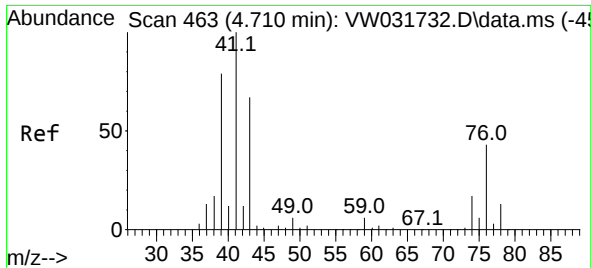
Tgt Ion:168 Resp: 200466
Ion Ratio Lower Upper
168 100
99 70.1 49.4 74.2



#16
Acetone
Concen: 3.640 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031830.D
Acq: 11 Jul 2025 19:06

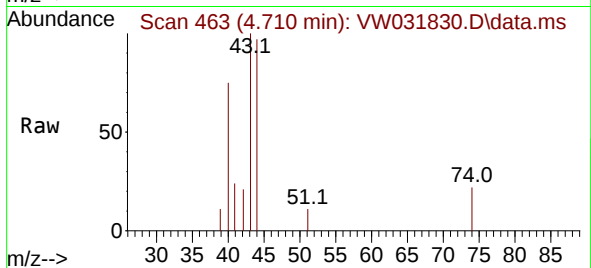
Tgt Ion: 43 Resp: 2588
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2



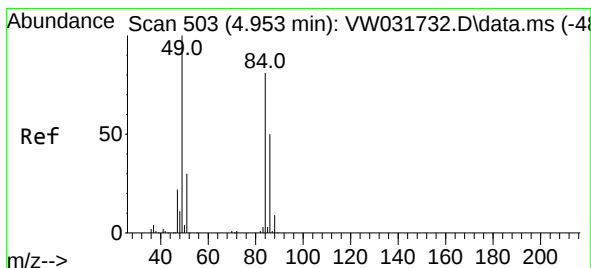
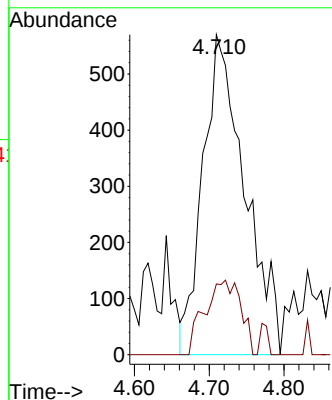
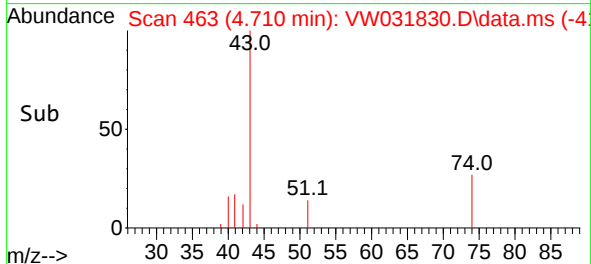


#18
Methyl Acetate
Concen: 1.092 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031830.D
Acq: 11 Jul 2025 19:06

Instrument :
MSVOA_W
ClientSampleId :

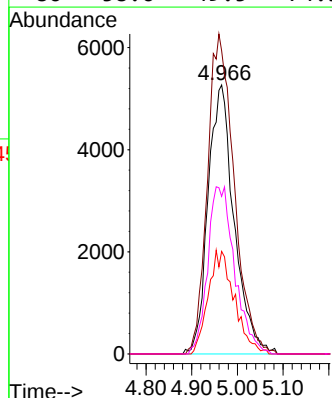
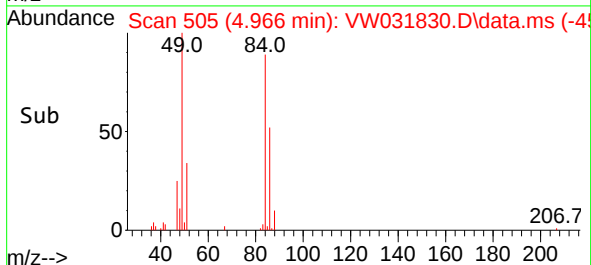
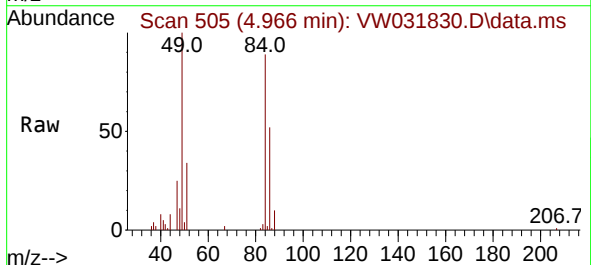


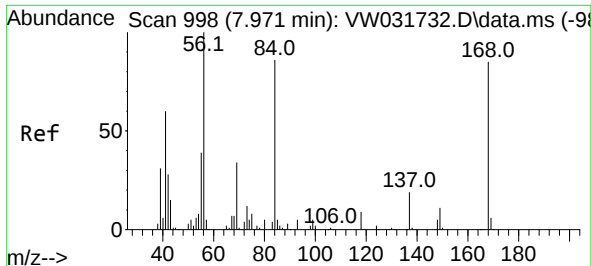
Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
74 20.1 20.6 30.8#



#20
Methylene Chloride
Concen: 3.214 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW031830.D
Acq: 11 Jul 2025 19:06

Tgt Ion: 84 Resp: 20858
Ion Ratio Lower Upper
84 100
49 112.7 98.2 147.4
51 38.1 29.8 44.8
86 58.6 49.5 74.3

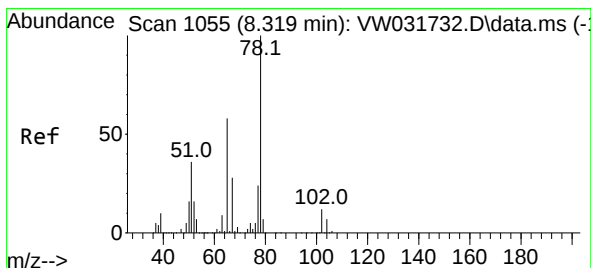
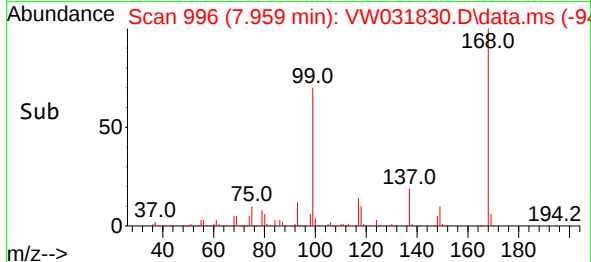
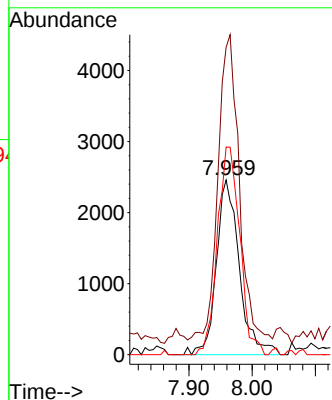
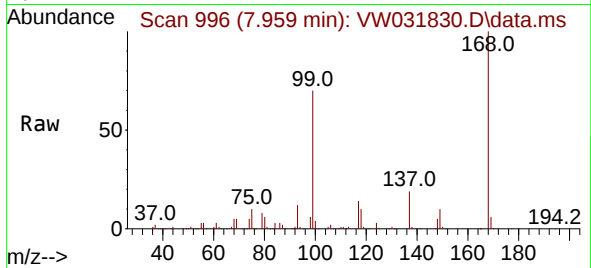




#31
Cyclohexane
Concen: 1.513 ug/l
RT: 7.959 min Scan# 998
Delta R.T. -0.012 min
Lab File: VW031830.D
Acq: 11 Jul 2025 19:06

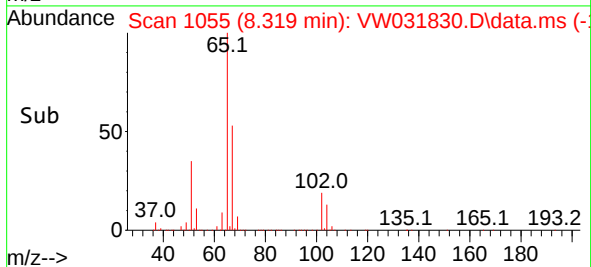
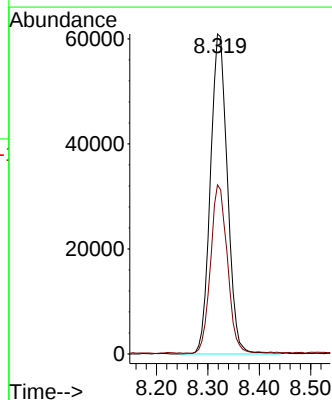
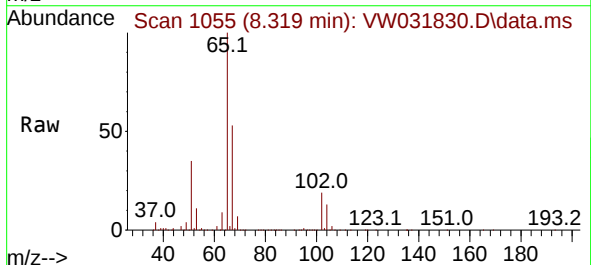
Instrument :
MSVOA_W
ClientSampleId :

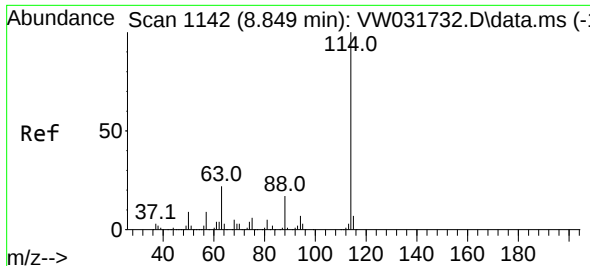
Tgt Ion: 56 Resp: 6198
Ion Ratio Lower Upper
56 100
69 164.6 27.2 40.8#
84 118.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.548 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031830.D
Acq: 11 Jul 2025 19:06

Tgt Ion: 65 Resp: 139668
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4

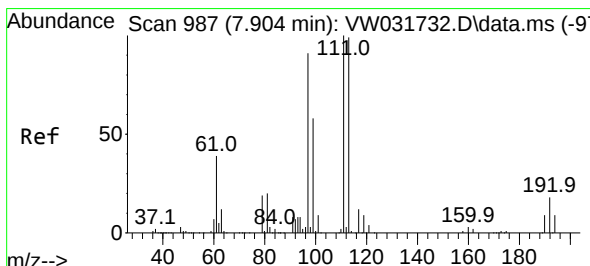
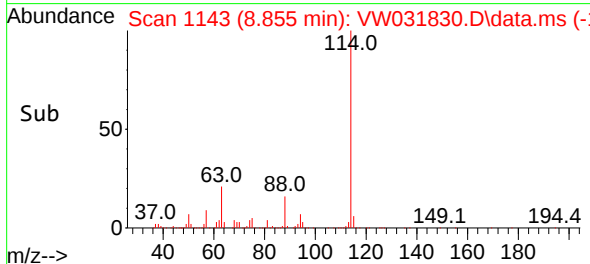
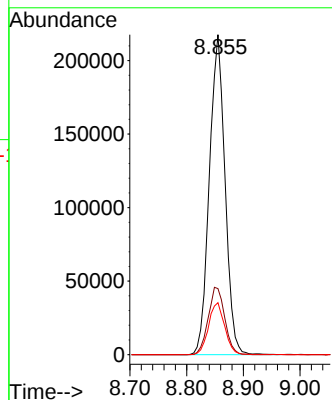
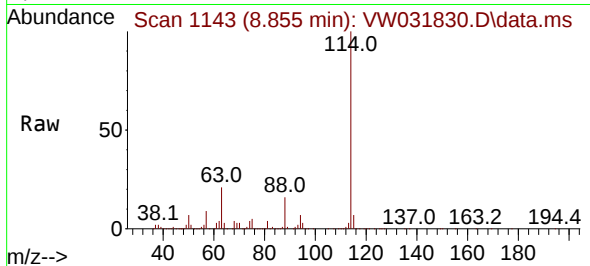




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031830.D
 Acq: 11 Jul 2025 19:06

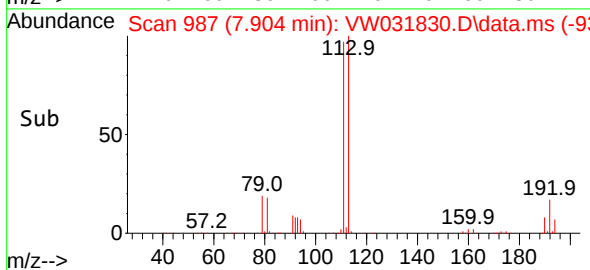
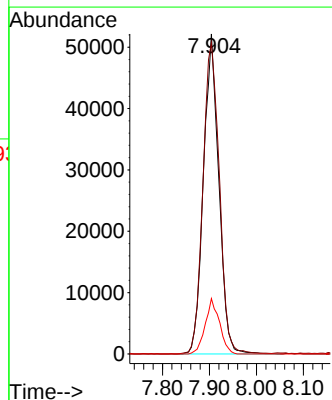
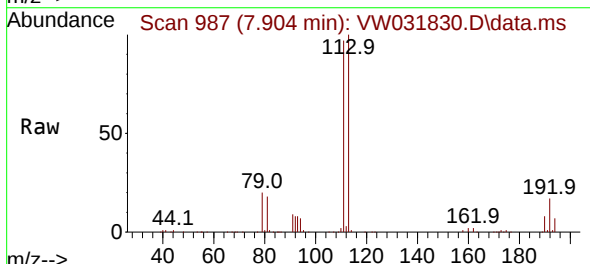
Instrument :
 MSVOA_W
 ClientSampleId :

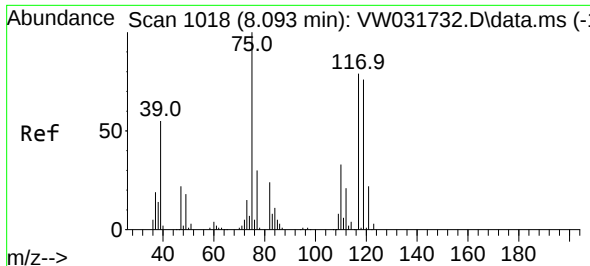
Tgt Ion:114 Resp: 417574
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.6
 88 16.2 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 43.319 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031830.D
 Acq: 11 Jul 2025 19:06

Tgt Ion:113 Resp: 118039
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.1 123.1
 192 16.1 13.8 20.6





#36

1,1-Dichloropropene

Concen: 4.908 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.134 min

Lab File: VW031830.D

Acq: 11 Jul 2025 19:06

Instrument :

MSVOA_W

ClientSampleId :

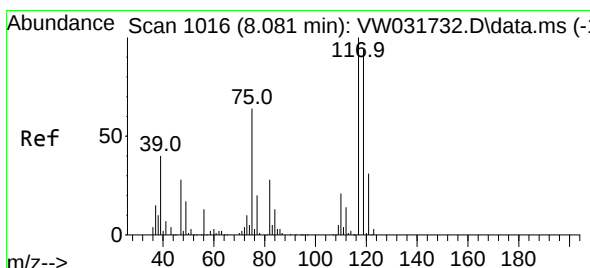
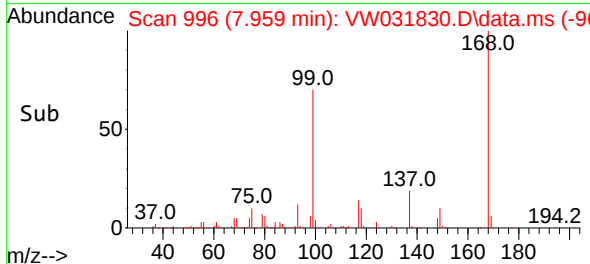
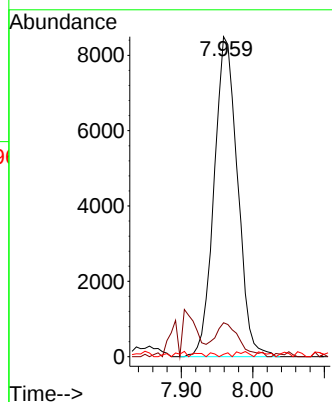
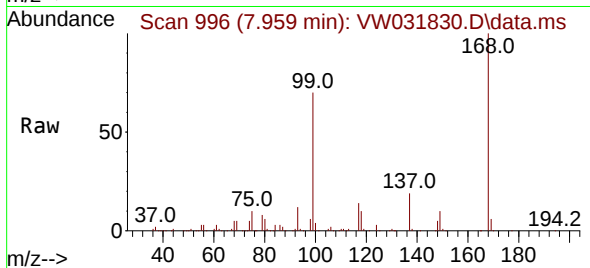
Tgt Ion: 75 Resp: 19351

Ion Ratio Lower Upper

75 100

110 11.0 16.8 50.4#

77 0.3 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 6.311 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031830.D

Acq: 11 Jul 2025 19:06

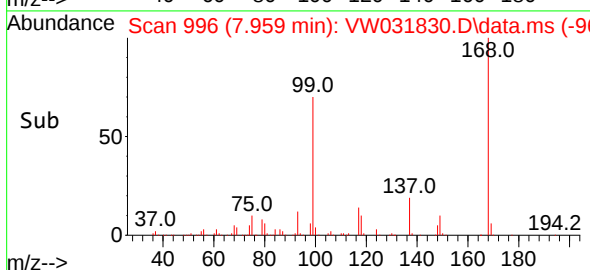
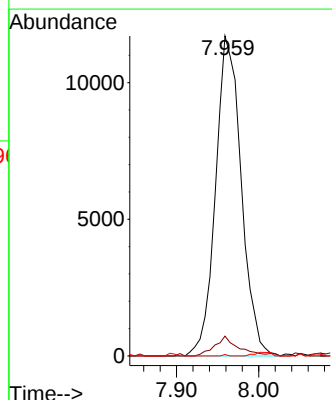
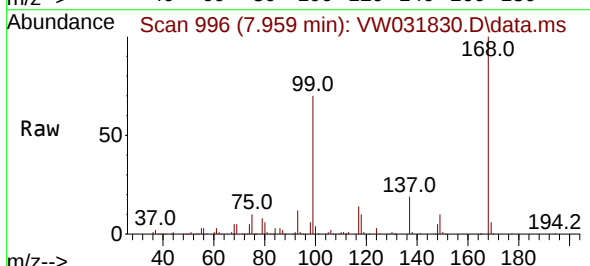
Tgt Ion: 117 Resp: 25356

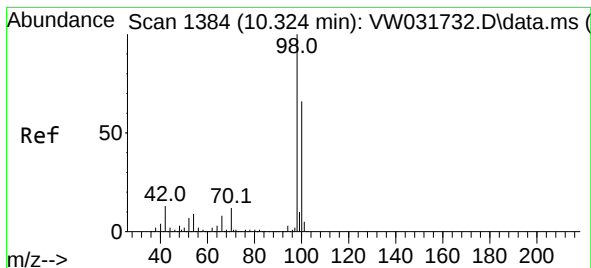
Ion Ratio Lower Upper

117 100

119 6.2 75.0 112.6#

121 0.5 24.6 37.0#





#50

Toluene-d8

Concen: 44.126 ug/l

RT: 10.330 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031830.D

Acq: 11 Jul 2025 19:06

Instrument :

MSVOA_W

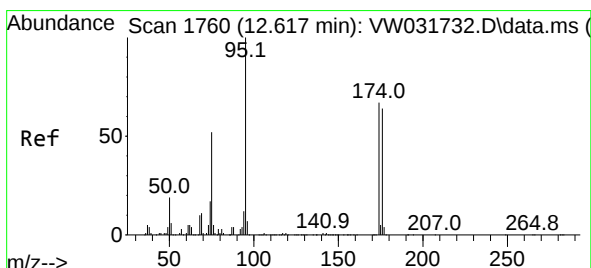
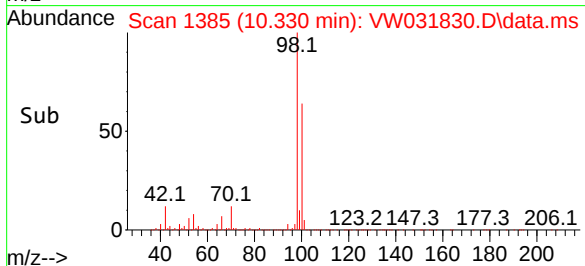
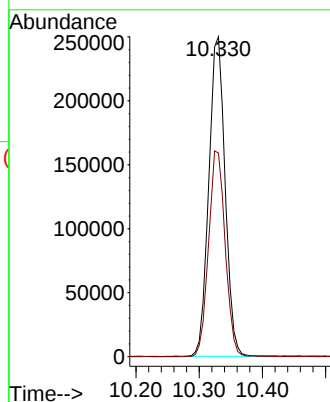
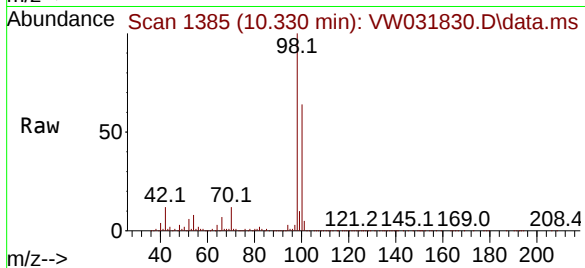
ClientSampleId :

Tgt Ion: 98 Resp: 447450

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 49.863 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW031830.D

Acq: 11 Jul 2025 19:06

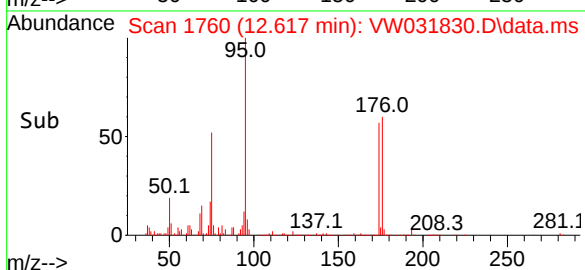
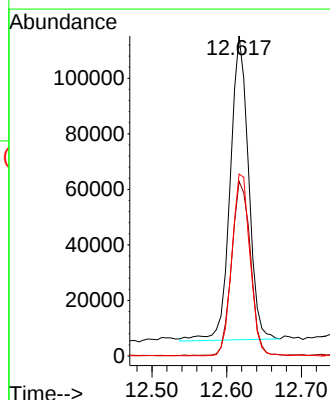
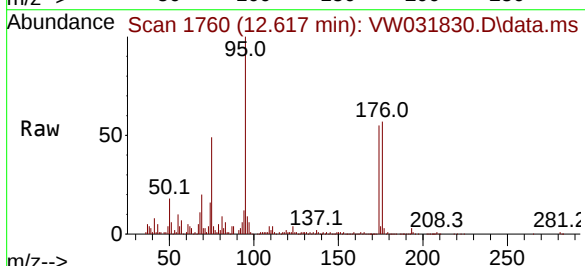
Tgt Ion: 95 Resp: 186070

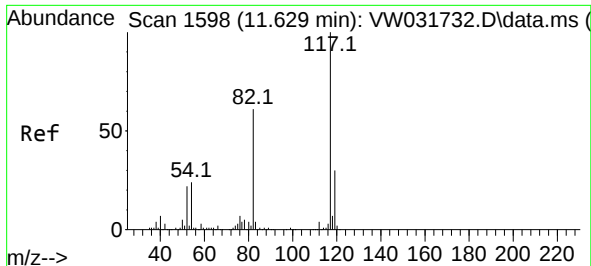
Ion Ratio Lower Upper

95 100

174 58.7 0.0 133.8

176 59.2 0.0 126.0

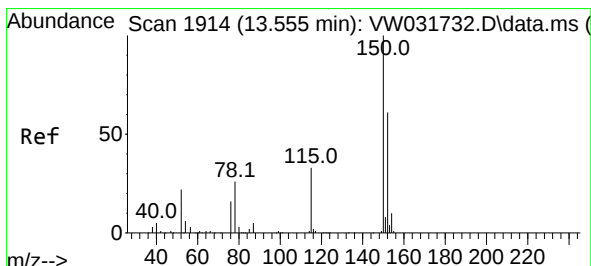
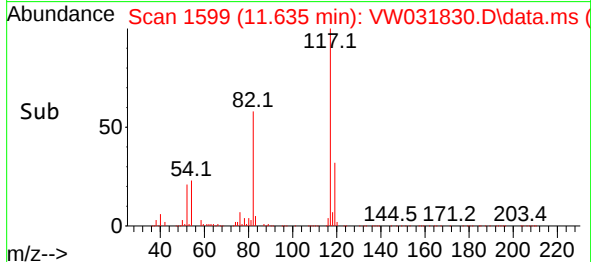
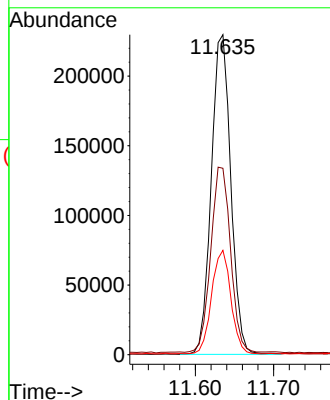
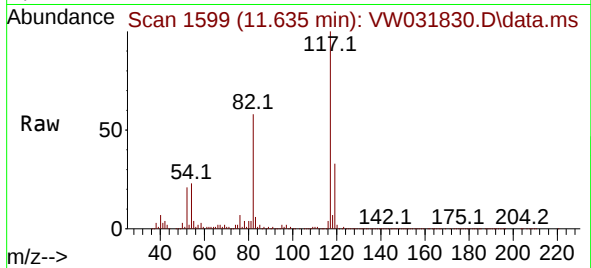




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031830.D
Acq: 11 Jul 2025 19:06

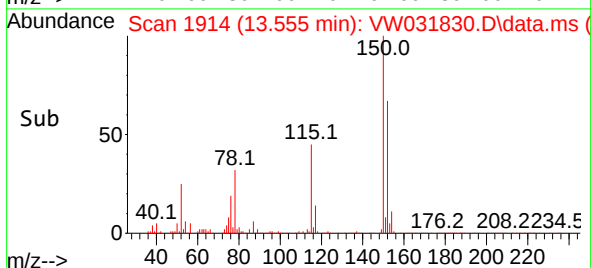
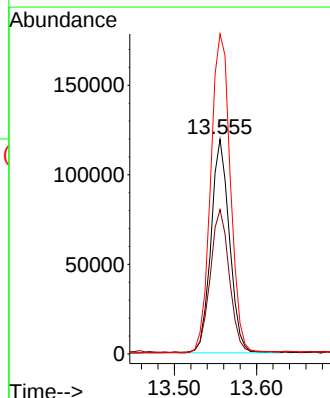
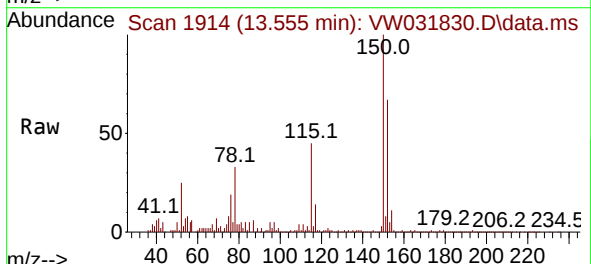
Instrument :
MSVOA_W
ClientSampleId :

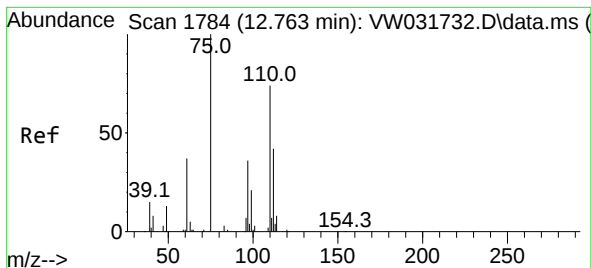
Tgt Ion:117 Resp: 397747
Ion Ratio Lower Upper
117 100
82 57.5 48.6 72.8
119 32.3 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031830.D
Acq: 11 Jul 2025 19:06

Tgt Ion:152 Resp: 185577
Ion Ratio Lower Upper
152 100
115 69.0 31.9 95.7
150 159.7 0.0 356.4





#76

1,2,3-Trichloropropane

Concen: 38.041 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW031830.D

Acq: 11 Jul 2025 19:06

Instrument :

MSVOA_W

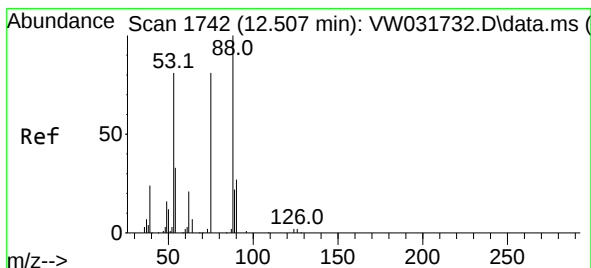
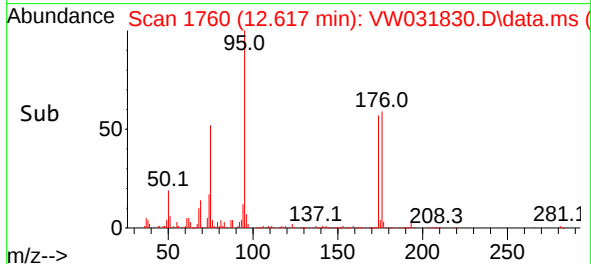
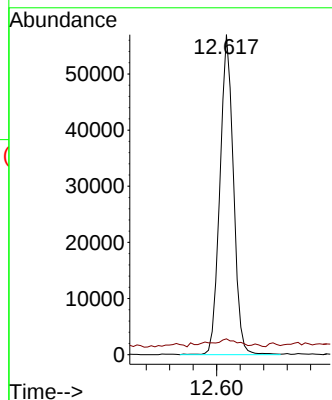
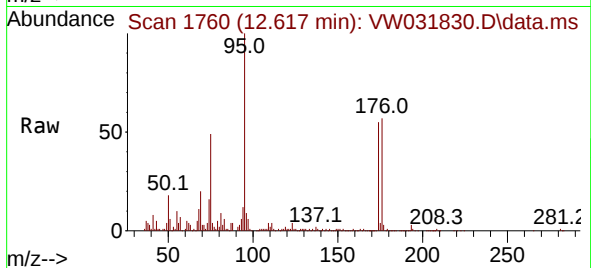
ClientSampleId :

Tgt Ion: 75 Resp: 91228

Ion Ratio Lower Upper

75 100

77 2.5 141.2 423.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.603 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.110 min

Lab File: VW031830.D

Acq: 11 Jul 2025 19:06

Tgt Ion: 75 Resp: 91228

Ion Ratio Lower Upper

75 100

53 0.0 83.5 125.3#

89 0.2 38.3 57.5#

