

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031846.D
 Acq On : 14 Jul 2025 13:29
 Operator : SY/MD
 Sample : Q2590-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-071125

Quant Time: Jul 15 02:44:29 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)

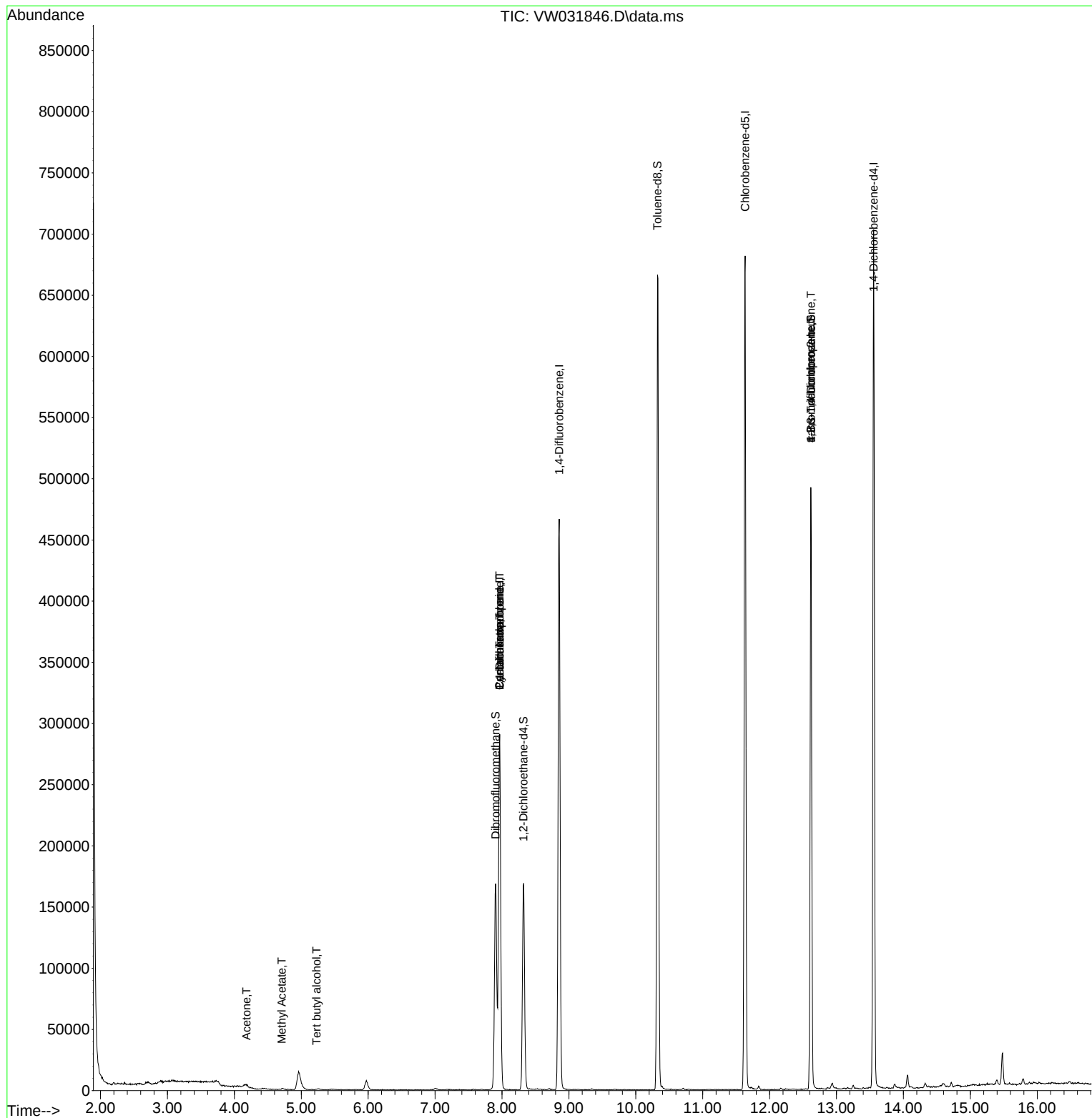
Internal Standards						
1) Pentafluorobenzene	7.965	168	201162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	398824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	373283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142436	49.339	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.680%
35) Dibromofluoromethane	7.904	113	124982	48.024	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.040%
50) Toluene-d8	10.325	98	455487	47.030	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.060%
62) 4-Bromofluorobenzene	12.617	95	174114	48.853	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.228	59	278	1.554	ug/l #	69
16) Acetone	4.180	43	4564	6.396	ug/l	100
18) Methyl Acetate	4.710	43	2356	1.155	ug/l #	78
31) Cyclohexane	7.965	56	4940	1.202	ug/l #	8
36) 1,1-Dichloropropene	7.965	75	18971	5.038	ug/l #	51
38) Carbon Tetrachloride	7.965	117	23866	6.219	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	92830	41.220	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	92830	96.009	ug/l #	8

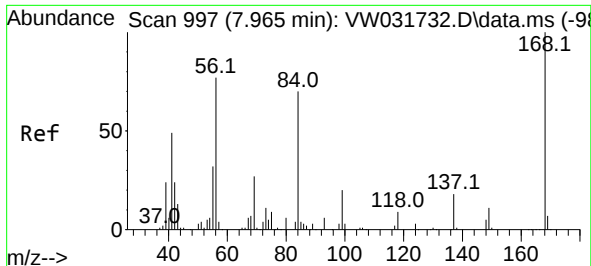
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031846.D
Acq On : 14 Jul 2025 13:29
Operator : SY/MD
Sample : Q2590-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NB-07-071125

Quant Time: Jul 15 02:44:29 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

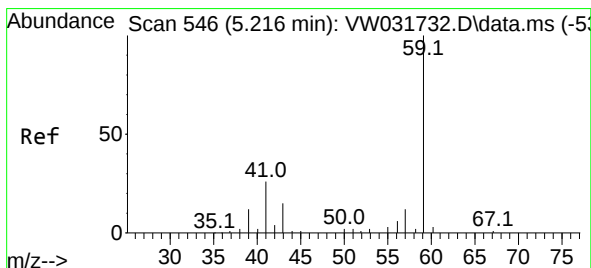
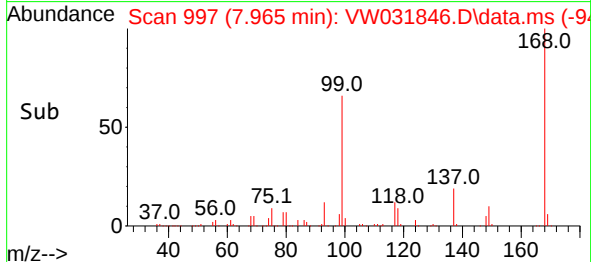
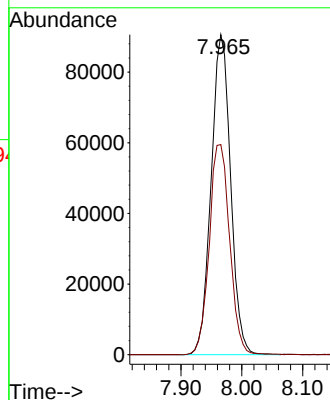
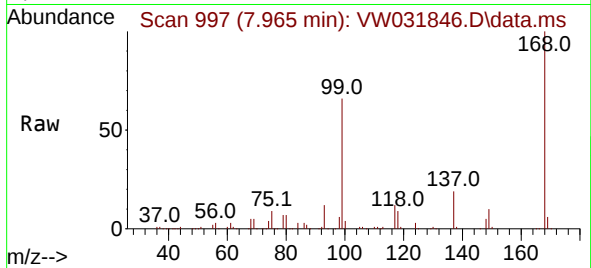




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

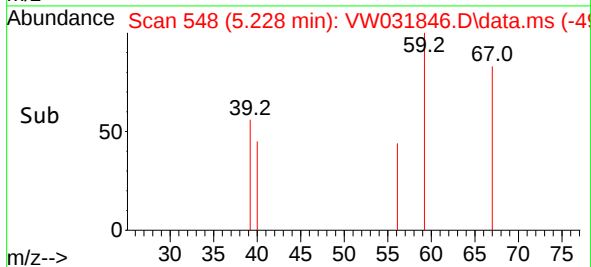
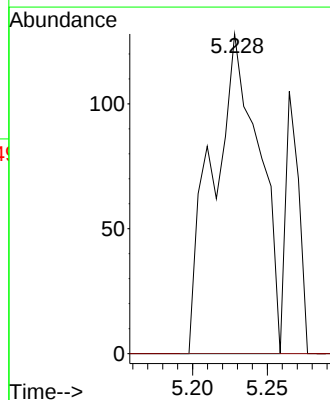
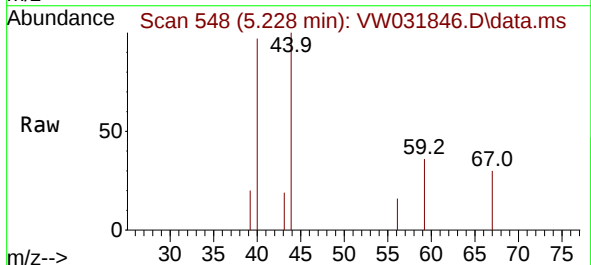
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071125

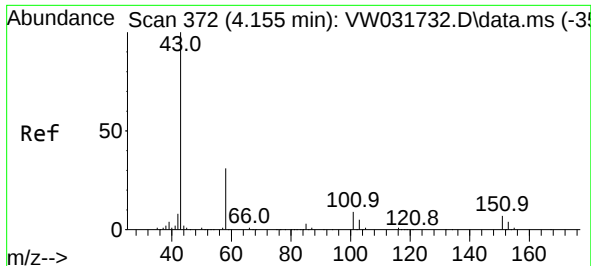
Tgt Ion:168 Resp: 201162
Ion Ratio Lower Upper
168 100
99 65.6 49.4 74.2



#11
Tert butyl alcohol
Concen: 1.554 ug/l
RT: 5.228 min Scan# 548
Delta R.T. 0.013 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 9.5 14.3#

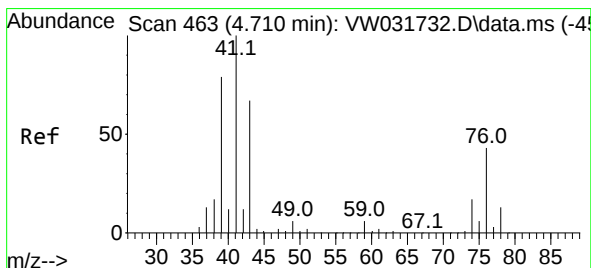
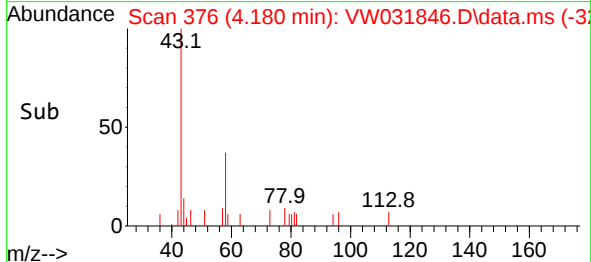
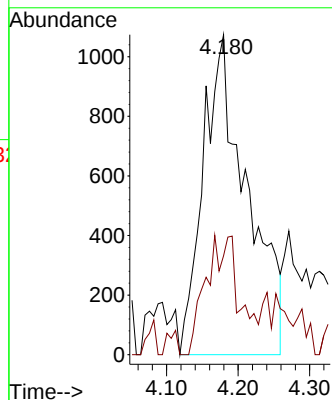
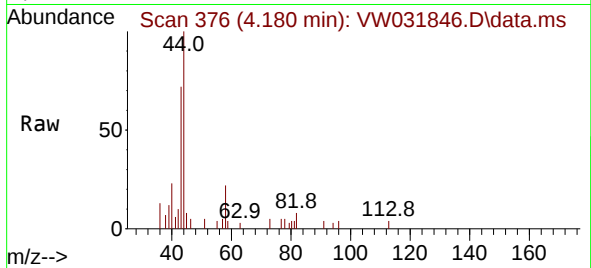




#16
Acetone
Concen: 6.396 ug/l
RT: 4.180 min Scan# 376
Delta R.T. 0.025 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

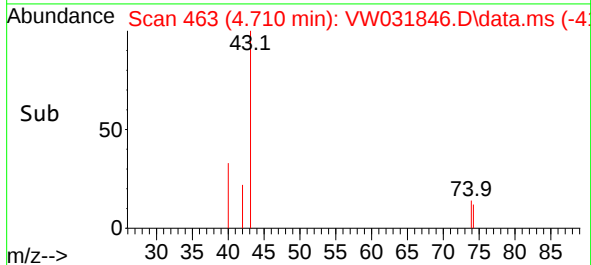
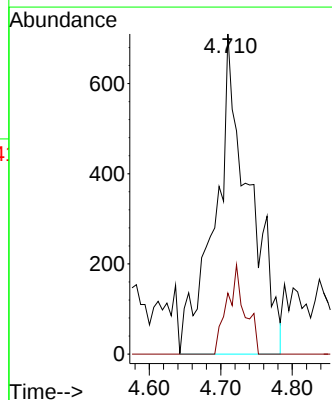
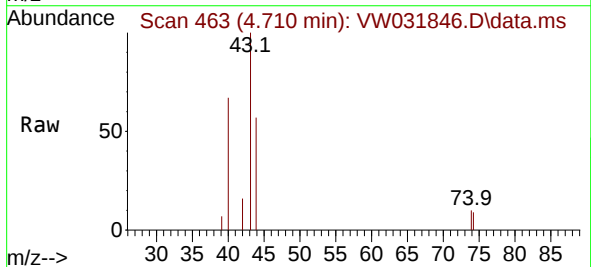
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071125

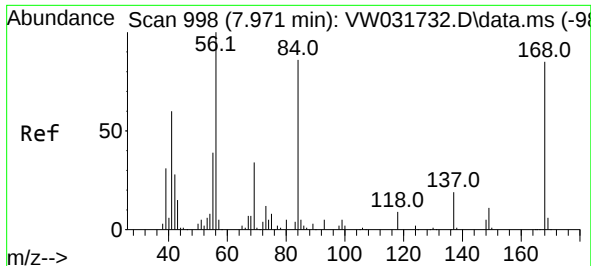
Tgt Ion: 43 Resp: 4564
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2



#18
Methyl Acetate
Concen: 1.155 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
74 14.6 20.6 30.8#

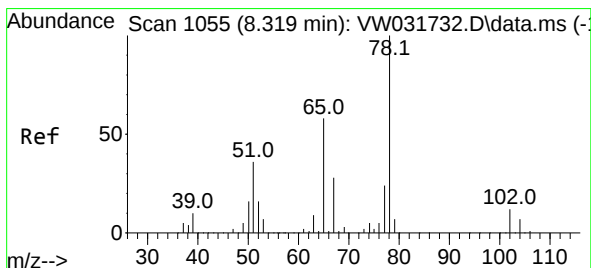
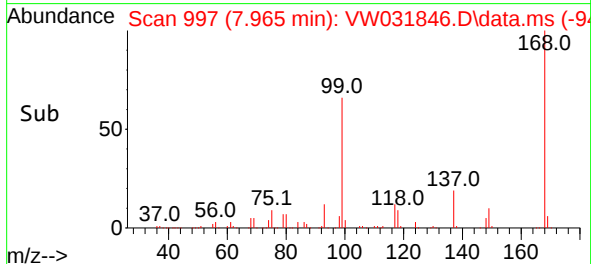
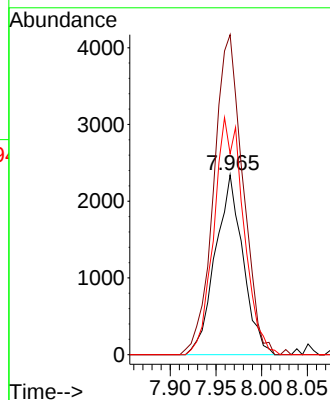
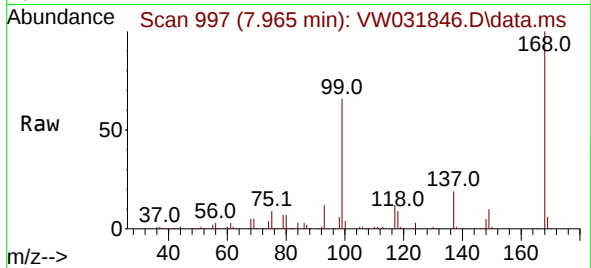




#31
Cyclohexane
Concen: 1.202 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

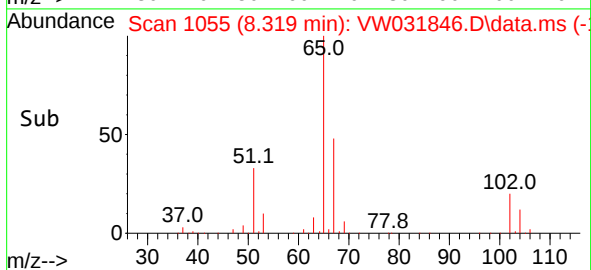
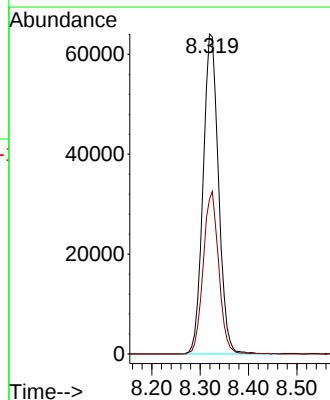
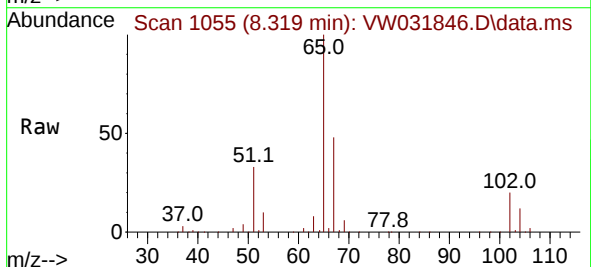
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071125

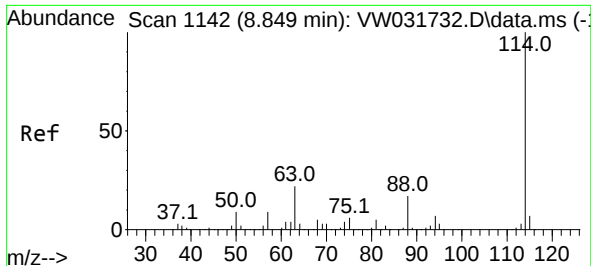
Tgt Ion: 56 Resp: 4940
Ion Ratio Lower Upper
56 100
69 177.9 27.2 40.8#
84 111.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.339 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

Tgt Ion: 65 Resp: 142436
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

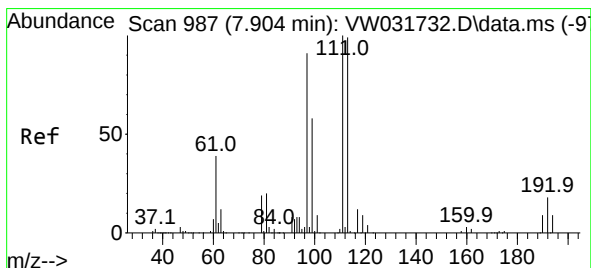
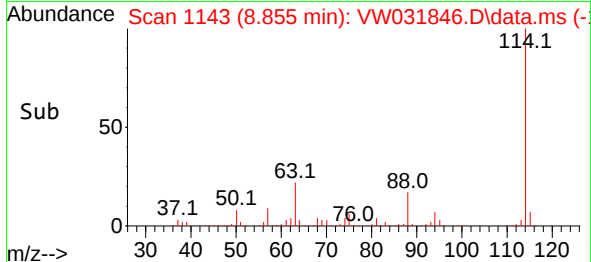
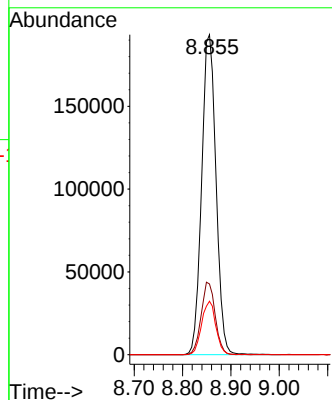
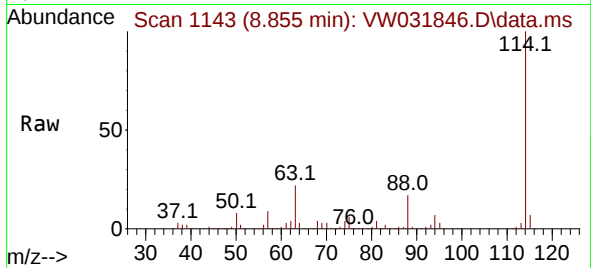




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

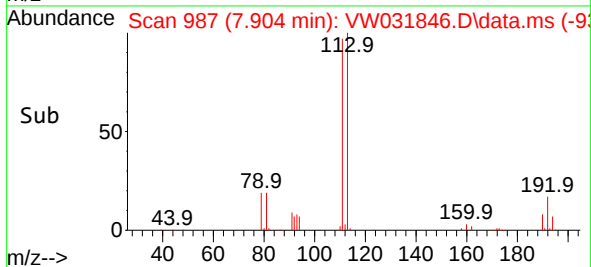
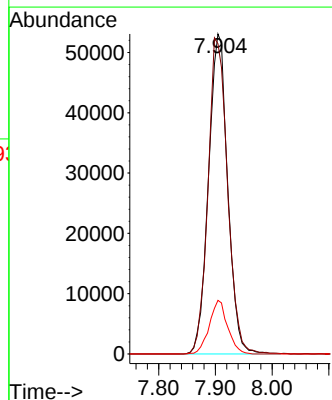
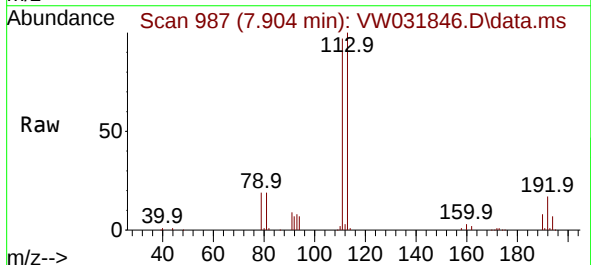
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071125

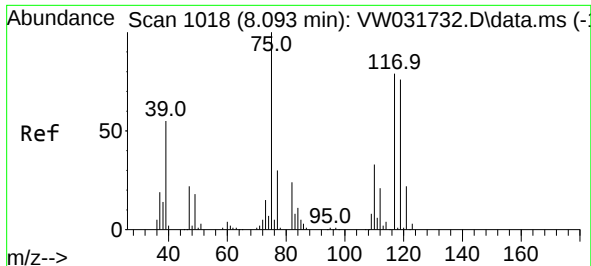
Tgt Ion:114 Resp: 398824
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.6
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.024 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

Tgt Ion:113 Resp: 124982
Ion Ratio Lower Upper
113 100
111 100.4 82.1 123.1
192 15.9 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.038 ug/l

RT: 7.965 min Scan# 997

Delta R.T. -0.128 min

Lab File: VW031846.D

Acq: 14 Jul 2025 13:29

Instrument :

MSVOA_W

ClientSampleId :

NB-07-071125

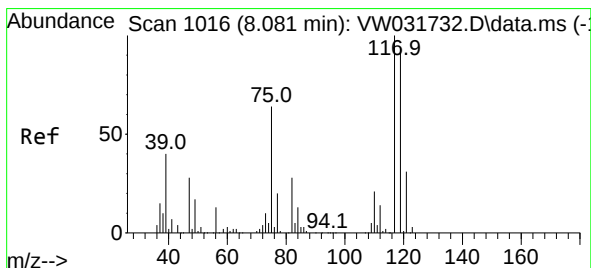
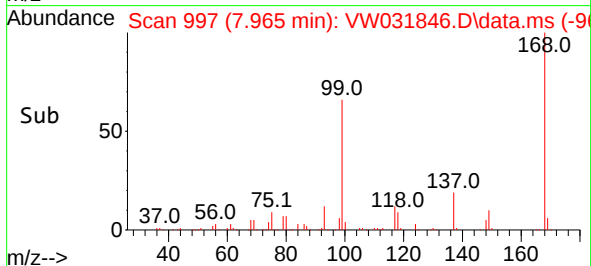
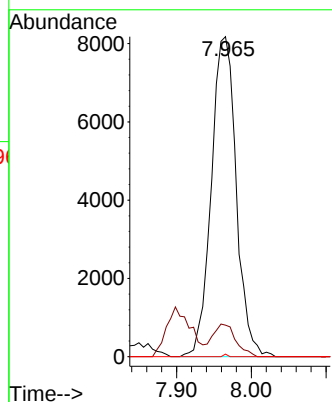
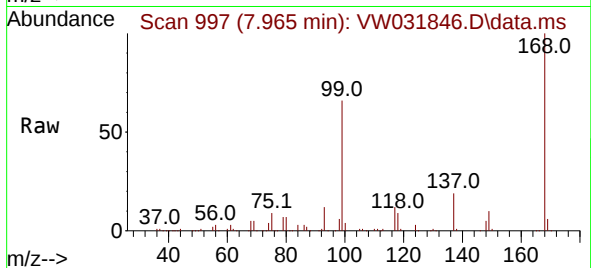
Tgt Ion: 75 Resp: 18971

Ion Ratio Lower Upper

75 100

110 9.7 16.8 50.4#

77 0.1 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 6.219 ug/l

RT: 7.965 min Scan# 997

Delta R.T. -0.115 min

Lab File: VW031846.D

Acq: 14 Jul 2025 13:29

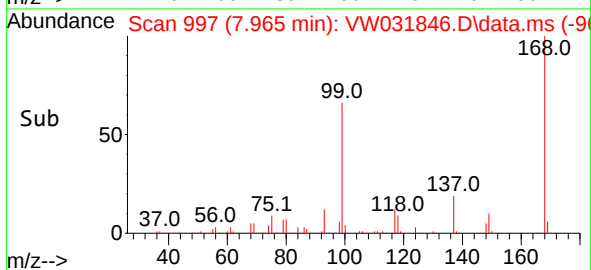
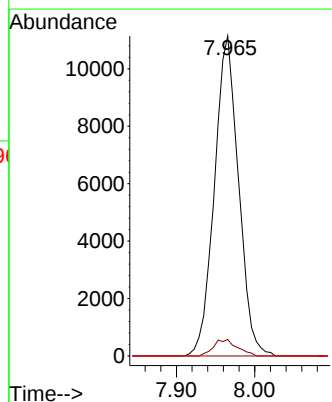
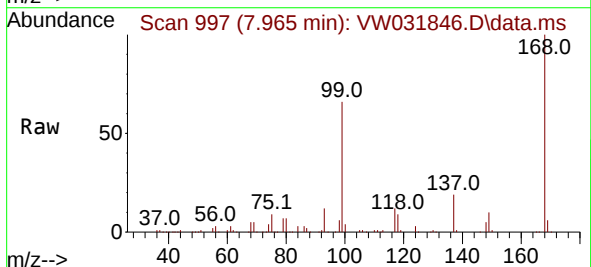
Tgt Ion: 117 Resp: 23866

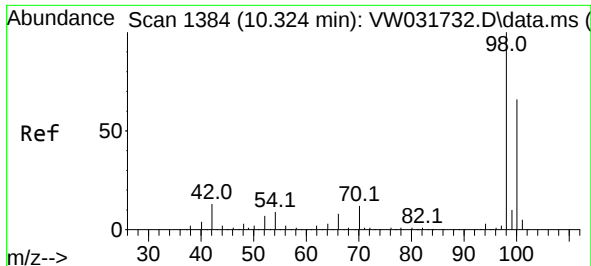
Ion Ratio Lower Upper

117 100

119 5.2 75.0 112.6#

121 0.0 24.6 37.0#

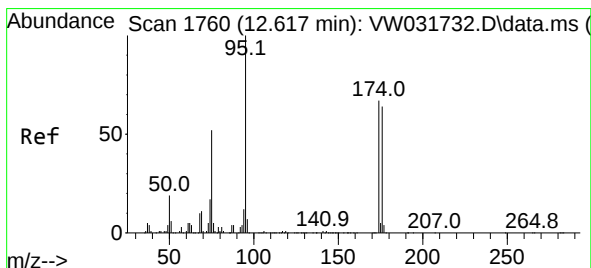
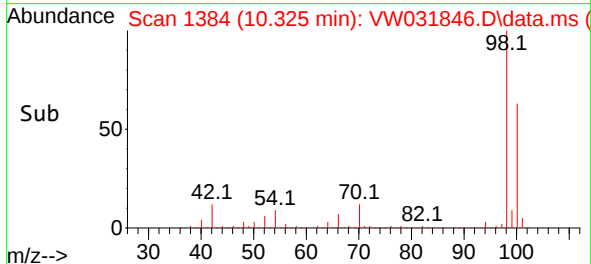
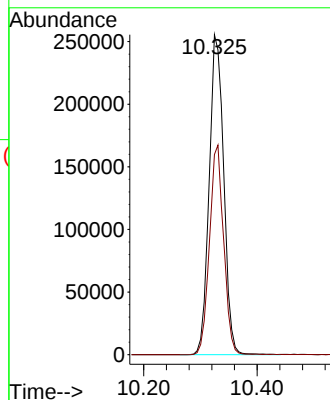
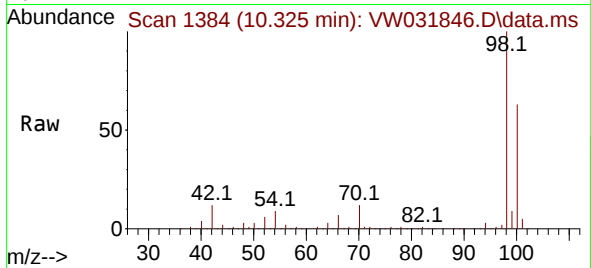




#50
Toluene-d8
Concen: 47.030 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

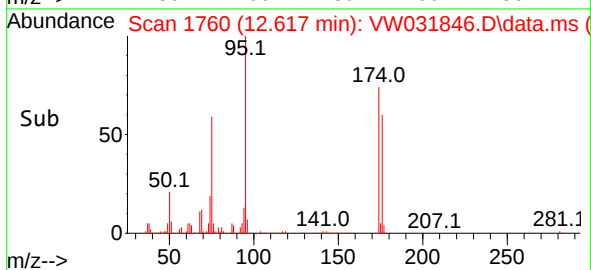
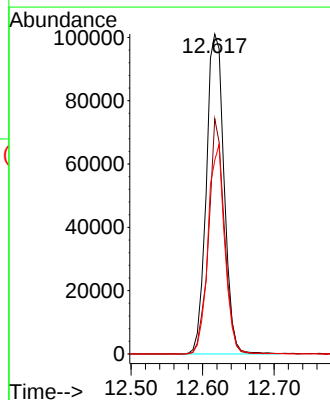
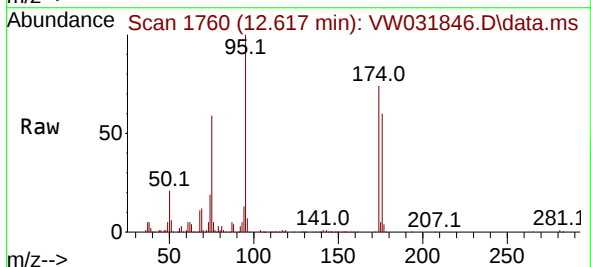
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071125

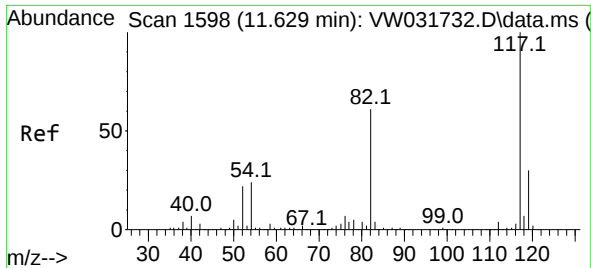
Tgt Ion: 98 Resp: 455487
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.853 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

Tgt Ion: 95 Resp: 174114
Ion Ratio Lower Upper
95 100
174 65.3 0.0 133.8
176 61.6 0.0 126.0

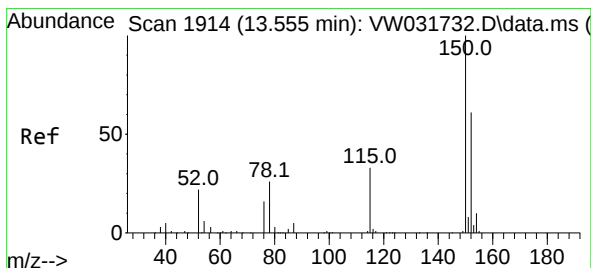
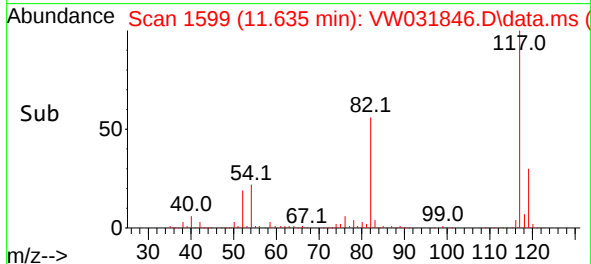
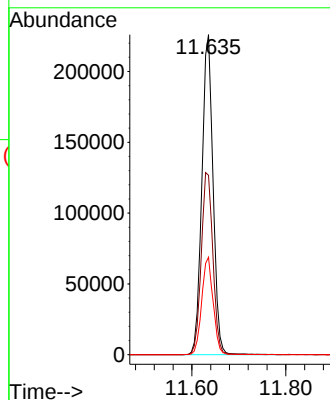
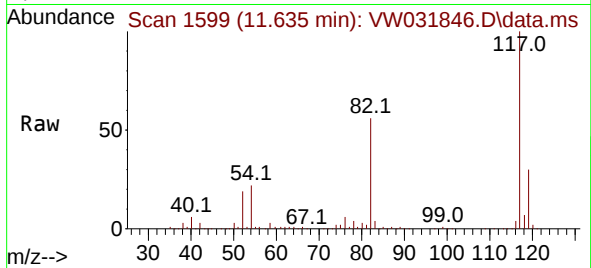




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11599
Delta R.T. 0.006 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

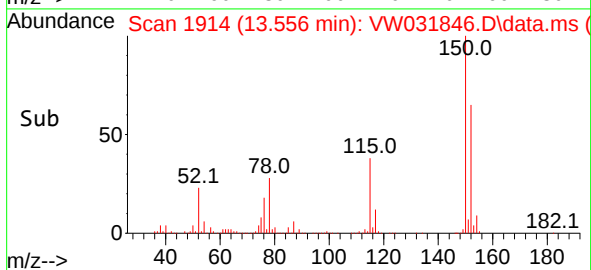
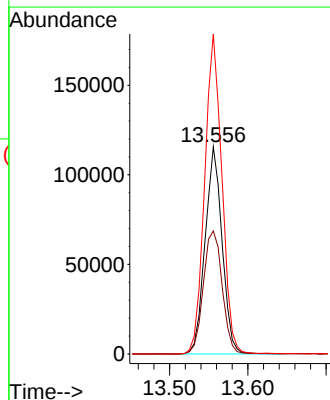
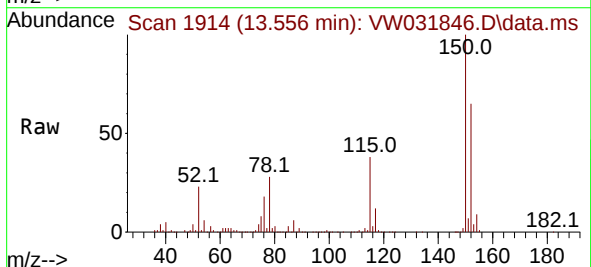
Instrument :
MSVOA_W
ClientSampleId :
NB-07-071125

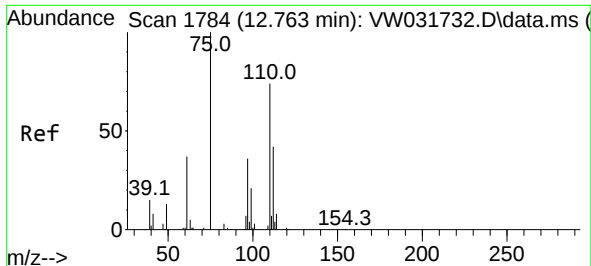
Tgt Ion:117 Resp: 373283
Ion Ratio Lower Upper
117 100
82 56.0 48.6 72.8
119 30.5 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

Tgt Ion:152 Resp: 174269
Ion Ratio Lower Upper
152 100
115 65.9 31.9 95.7
150 156.0 0.0 356.4

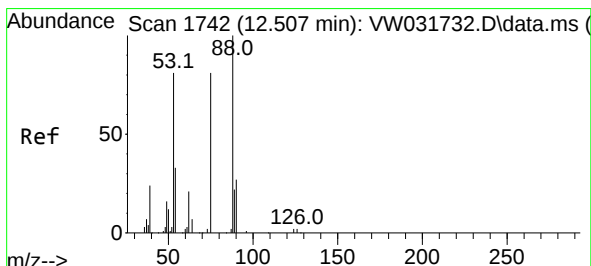
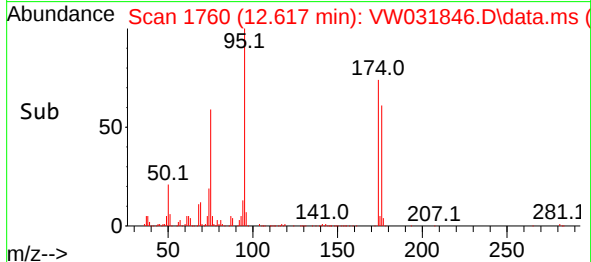
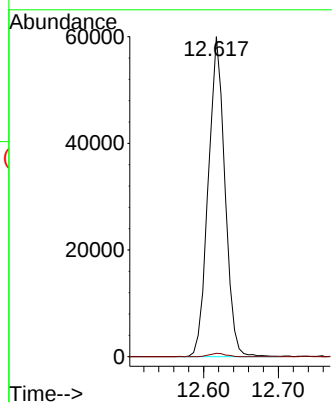
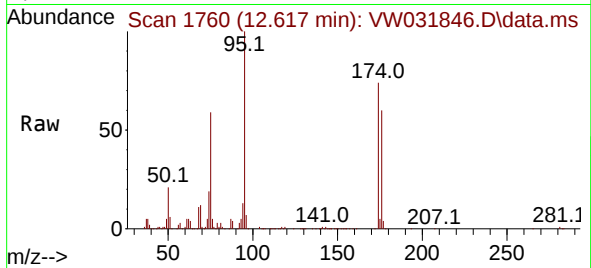




#76
1,2,3-Trichloropropane
Concen: 41.220 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

Instrument :
MSVOA_W
ClientSampleId :
NB-07-071125

Tgt Ion: 75 Resp: 92830
Ion Ratio Lower Upper
75 100
77 1.0 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.009 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031846.D
Acq: 14 Jul 2025 13:29

Tgt Ion: 75 Resp: 92830
Ion Ratio Lower Upper
75 100
53 0.1 83.5 125.3#
89 0.0 38.3 57.5#

