

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084878.D
 Acq On : 15 Nov 2024 18:48
 Operator : JC\MD
 Sample : P4867-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-070-IDWGW-20241113

Quant Time: Nov 15 22:29:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

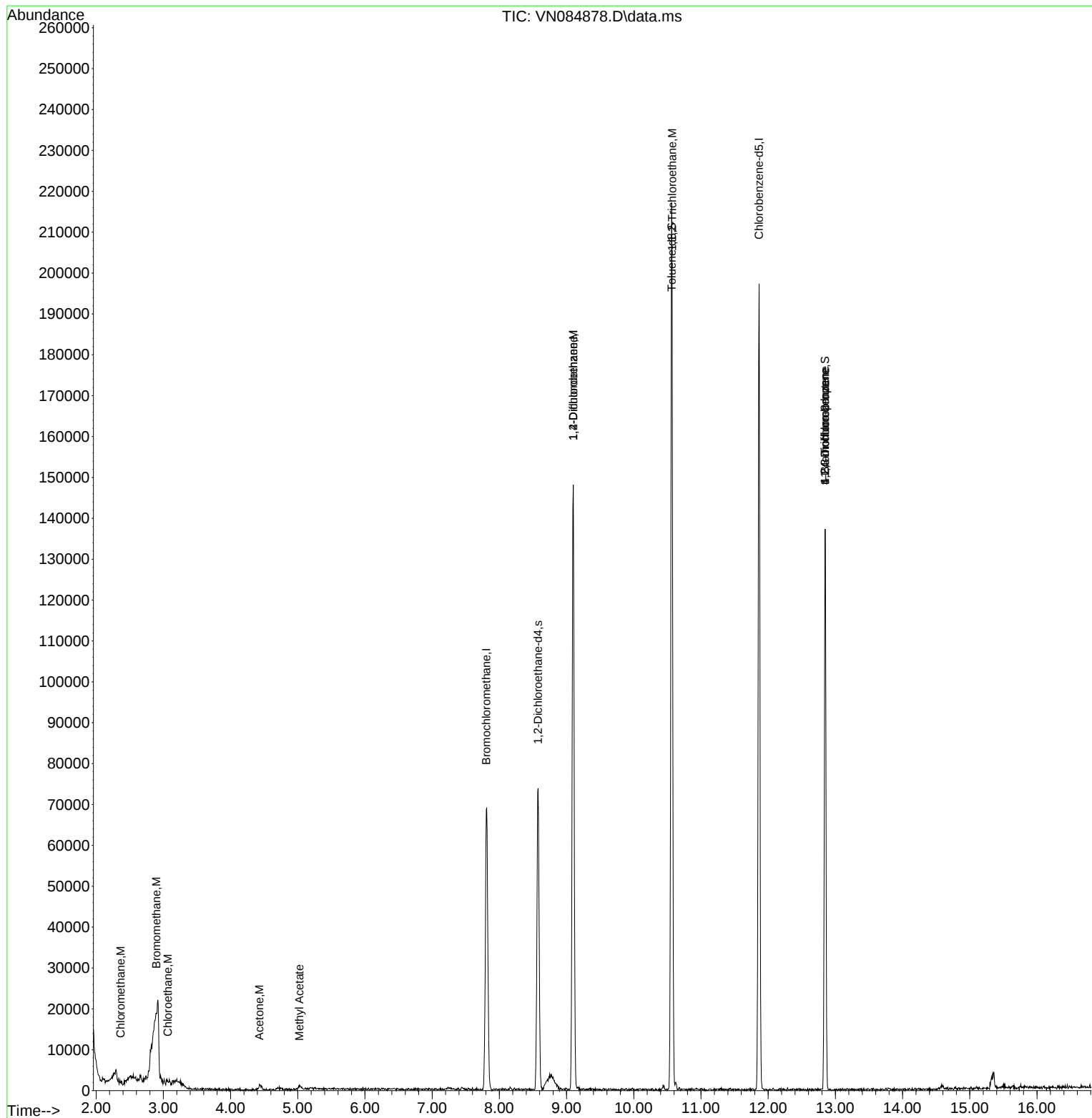
Internal Standards						
1) Bromochloromethane	7.806	128	26101	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	127160	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	115728	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	63478	30.251	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.833%
60) 4-Bromofluorobenzene	12.847	95	48856	24.518	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.733%
63) Toluene-d8	10.565	98	154153	28.137	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	506	0.277	ug/l #	43
5) Bromomethane	2.895	94	197	0.229	ug/l #	4
6) Chloroethane	3.065	64	390	0.350	ug/l #	47
12) Methyl Acetate	5.024	43	1139	0.480	ug/l #	80
15) Acetone	4.430	58	261	1.310	ug/l #	1
36) 1,2-Dichloroethane	9.100	62	4381	2.081	ug/l #	74
50) 1,1,2-Trichloroethane	10.571	97	5147	3.599	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	26044	14.807	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	26044	36.103	ug/l #	7

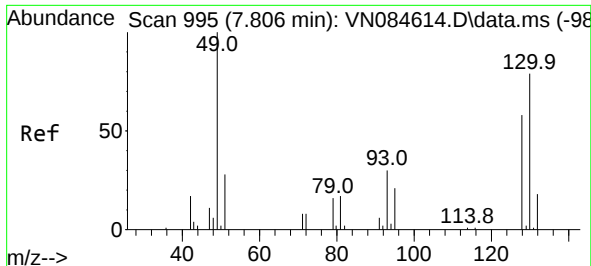
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
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TT-070-IDWGW-20241113

Quant Time: Nov 15 22:29:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration

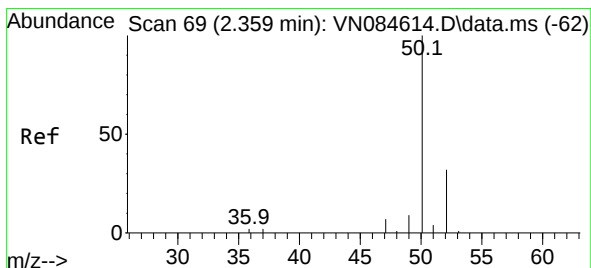
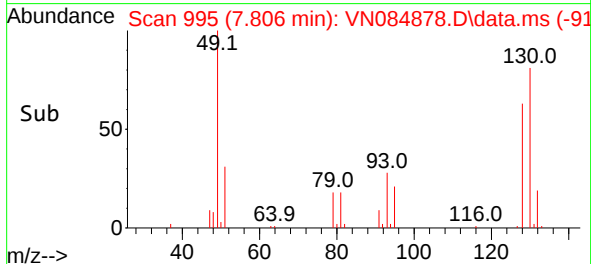
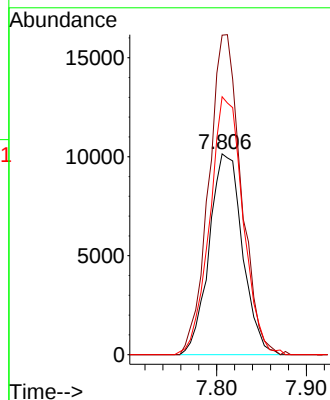
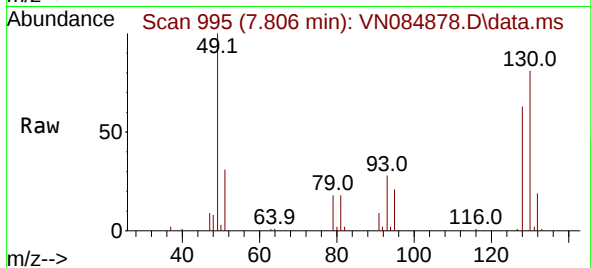




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN084878.D
Acq: 15 Nov 2024 18:48

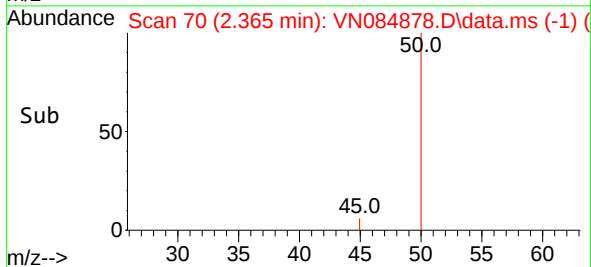
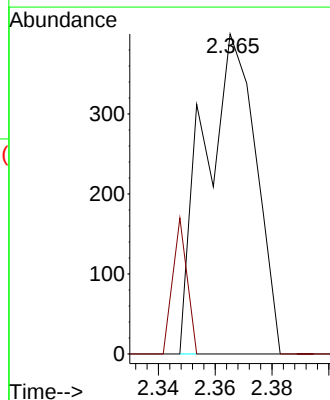
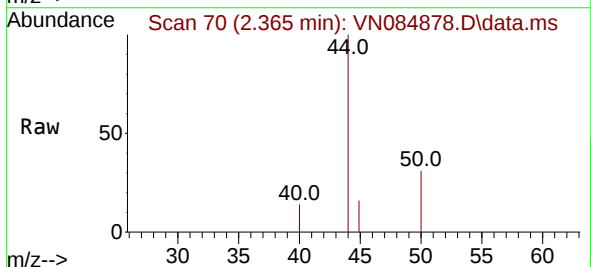
Instrument :
MSVOA_N
ClientSampleId :
TT-070-IDWGW-20241113

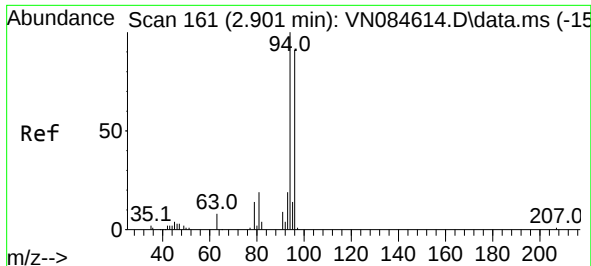
Tgt Ion:	128	Resp:	26101
Ion	Ratio	Lower	Upper
128	100		
49	155.3	0.0	427.0
130	128.3	0.0	322.2



#3
Chloromethane
Concen: 0.277 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084878.D
Acq: 15 Nov 2024 18:48

Tgt Ion:	50	Resp:	506
Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.5	38.3#

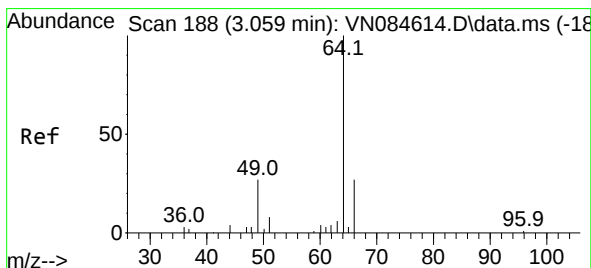
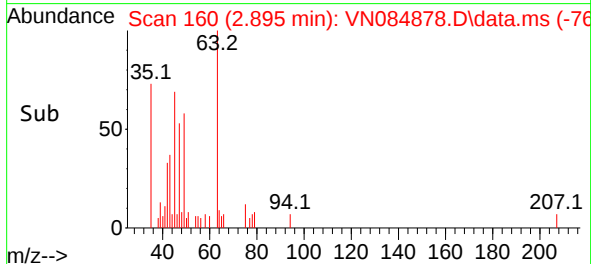
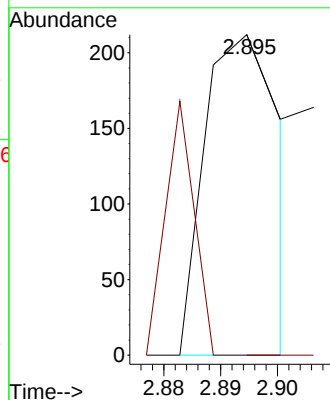
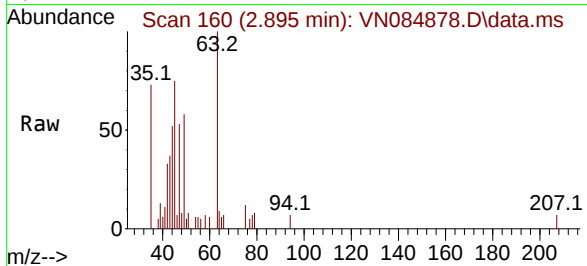




#5
Bromomethane
Concen: 0.229 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084878.D
Acq: 15 Nov 2024 18:48

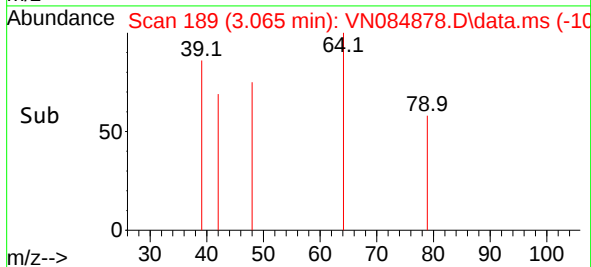
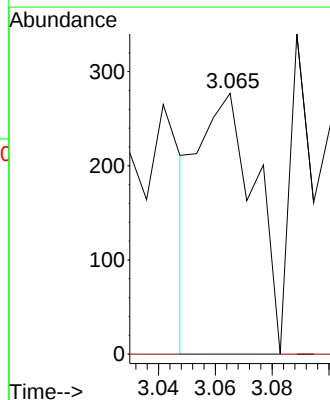
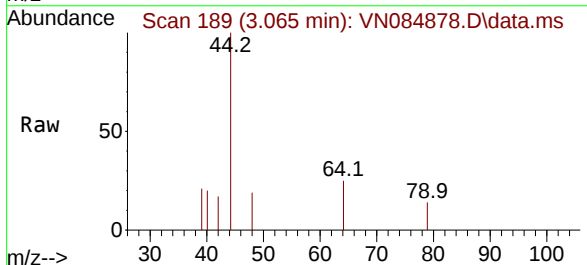
Instrument :
MSVOA_N
ClientSampleId :
TT-070-IDWGW-20241113

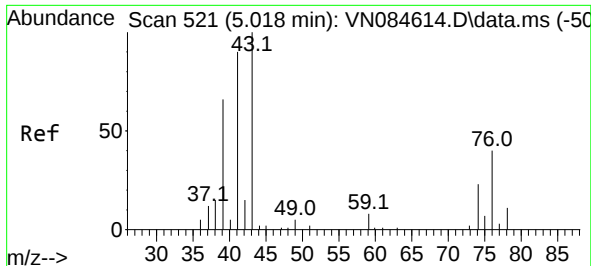
Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 0.0 72.7 109.1#



#6
Chloroethane
Concen: 0.350 ug/l
RT: 3.065 min Scan# 189
Delta R.T. 0.006 min
Lab File: VN084878.D
Acq: 15 Nov 2024 18:48

Tgt Ion: 64 Resp: 390
Ion Ratio Lower Upper
64 100
66 0.0 22.1 33.1#





#12

Methyl Acetate

Concen: 0.480 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN084878.D

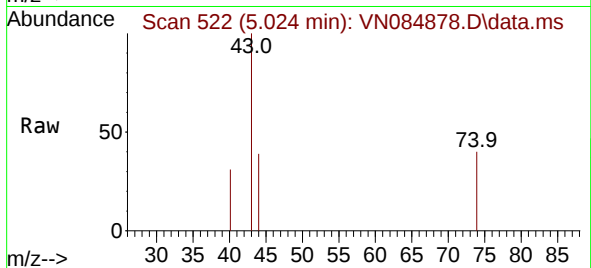
Acq: 15 Nov 2024 18:48

Instrument :

MSVOA_N

ClientSampleId :

TT-070-IDWGW-20241113

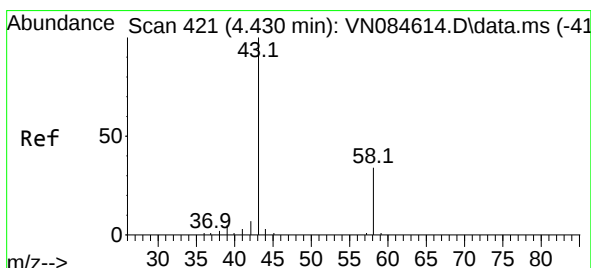
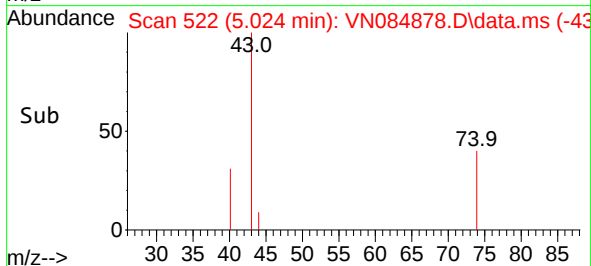
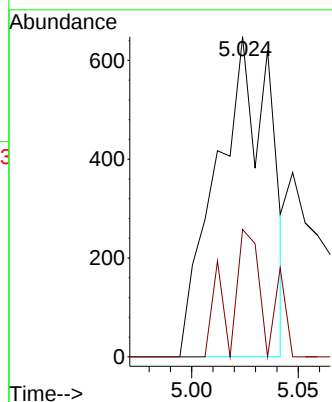


Tgt Ion: 43 Resp: 1139

Ion Ratio Lower Upper

43 100

74 33.3 19.0 28.4#



#15

Acetone

Concen: 1.310 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.000 min

Lab File: VN084878.D

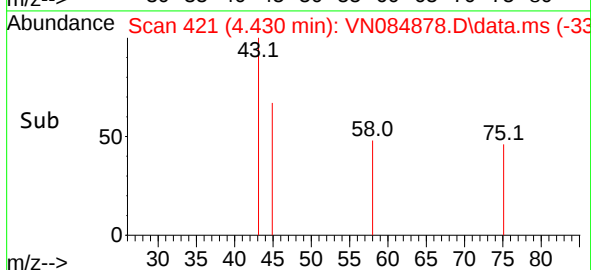
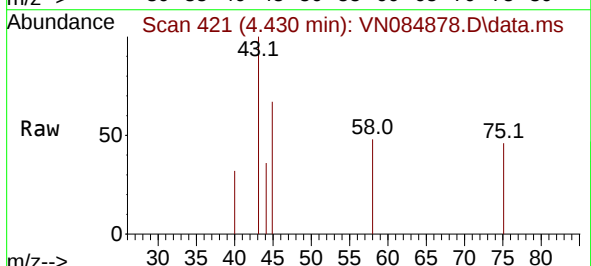
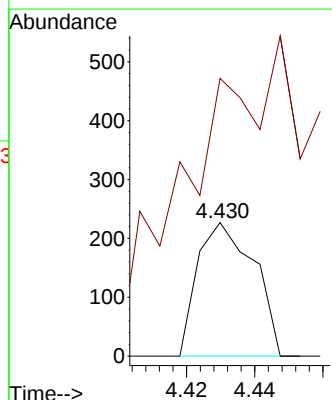
Acq: 15 Nov 2024 18:48

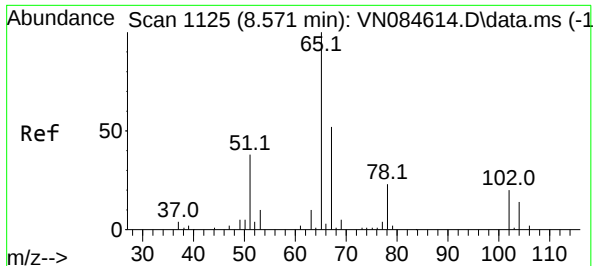
Tgt Ion: 58 Resp: 261

Ion Ratio Lower Upper

58 100

43 62.6 233.0 349.6#





#27

1,2-Dichloroethane-d4

Concen: 30.251 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN084878.D

Acq: 15 Nov 2024 18:48

Instrument :

MSVOA_N

ClientSampleId :

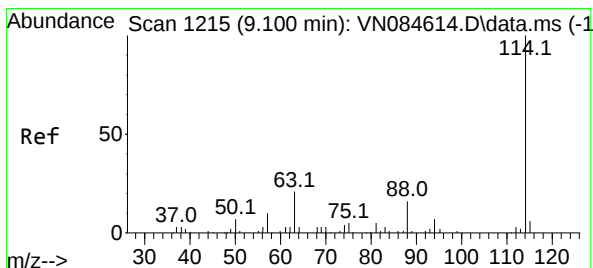
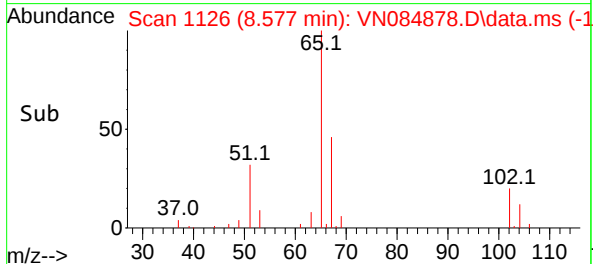
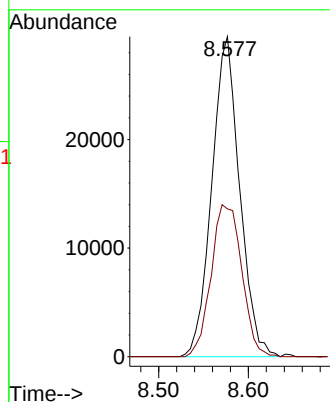
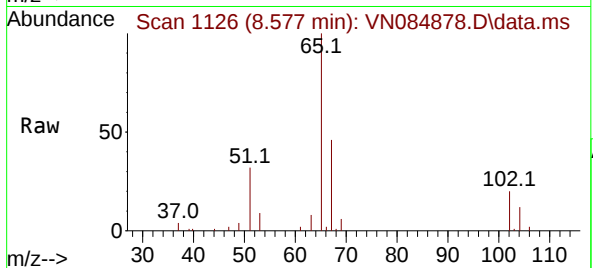
TT-070-IDWGW-20241113

Tgt Ion: 65 Resp: 63478

Ion Ratio Lower Upper

65 100

67 52.3 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084878.D

Acq: 15 Nov 2024 18:48

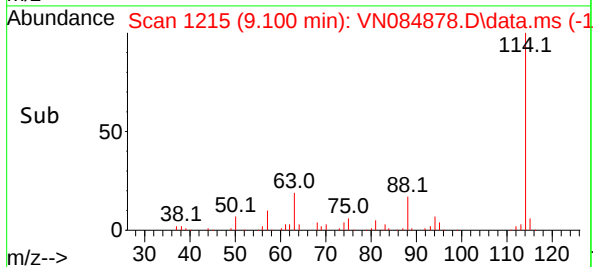
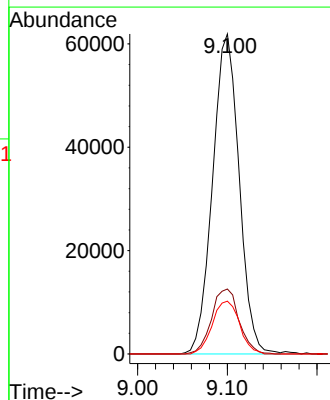
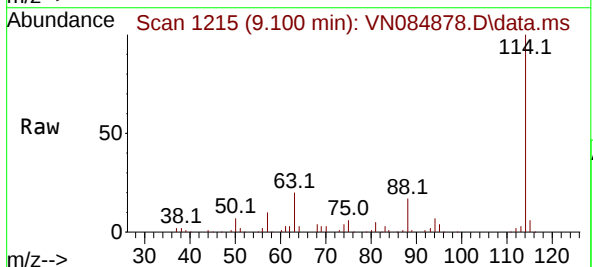
Tgt Ion: 114 Resp: 127160

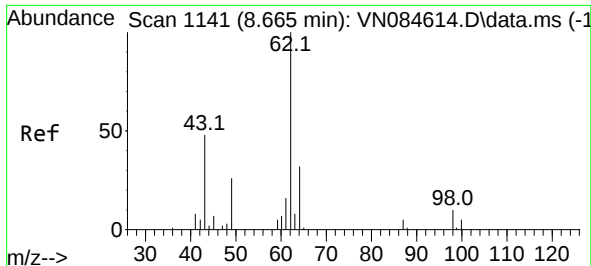
Ion Ratio Lower Upper

114 100

63 21.0 16.8 25.2

88 17.0 12.9 19.3





#36

1,2-Dichloroethane

Concen: 2.081 ug/l

RT: 9.100 min Scan# 1141

Delta R.T. 0.435 min

Lab File: VN084878.D

Acq: 15 Nov 2024 18:48

Instrument :

MSVOA_N

ClientSampleId :

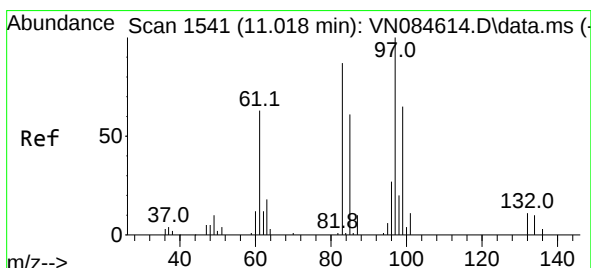
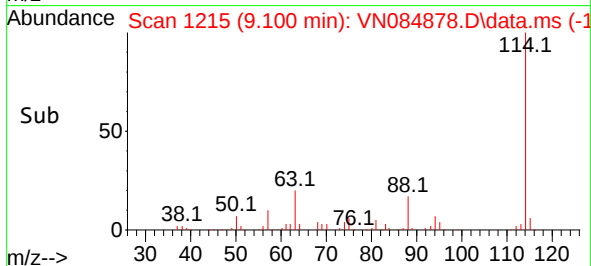
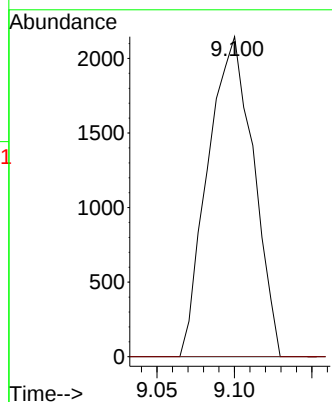
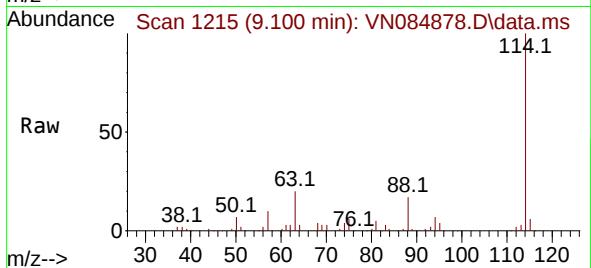
TT-070-IDWGW-20241113

Tgt Ion: 62 Resp: 4381

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.6#



#50

1,1,2-Trichloroethane

Concen: 3.599 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.447 min

Lab File: VN084878.D

Acq: 15 Nov 2024 18:48

Tgt Ion: 97 Resp: 5147

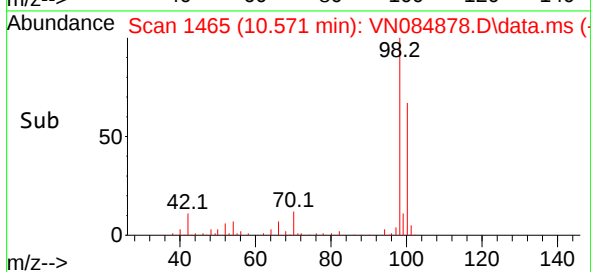
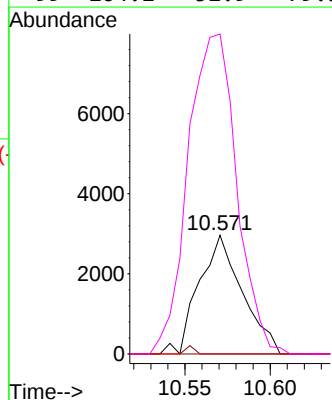
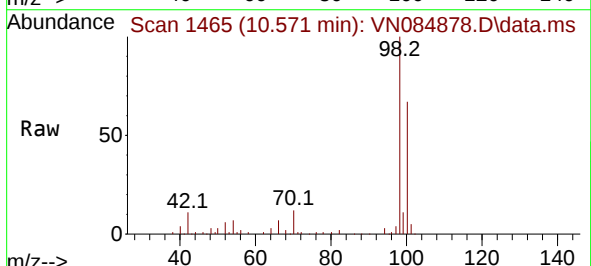
Ion Ratio Lower Upper

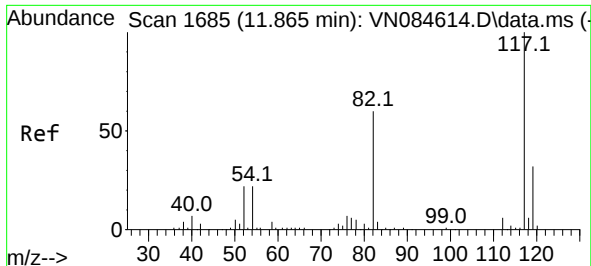
97 100

83 0.0 69.8 104.8#

85 0.0 48.6 73.0#

99 264.2 52.9 79.3#

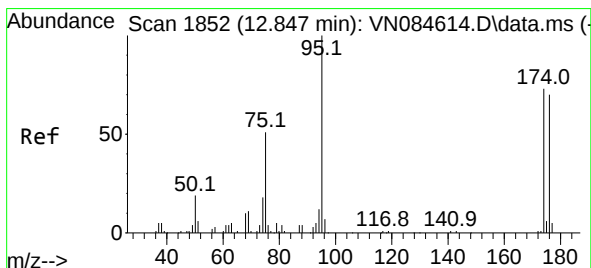
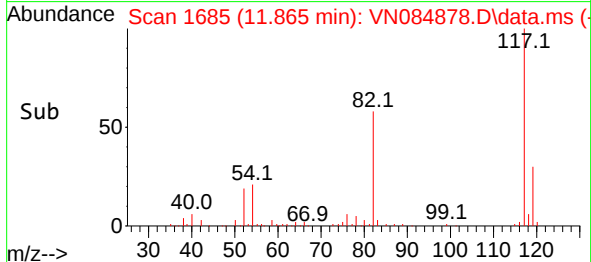
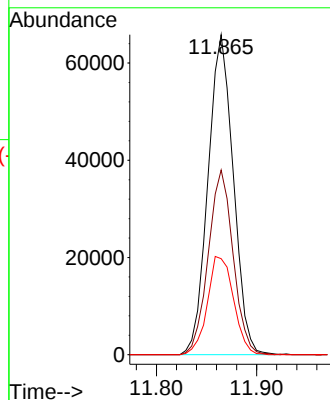
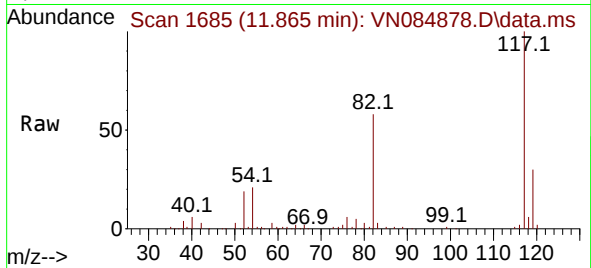




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084878.D
Acq: 15 Nov 2024 18:48

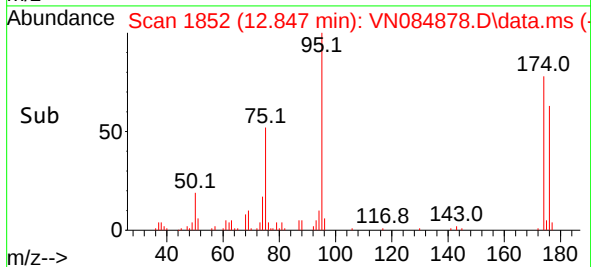
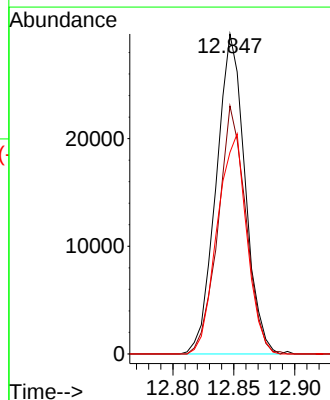
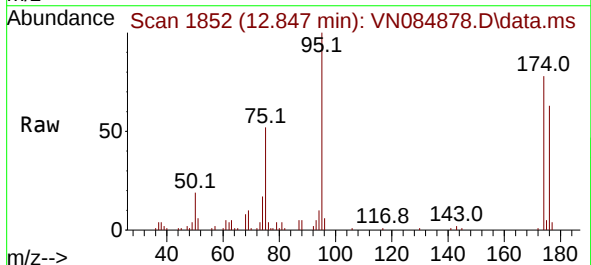
Instrument :
MSVOA_N
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TT-070-IDWGW-20241113

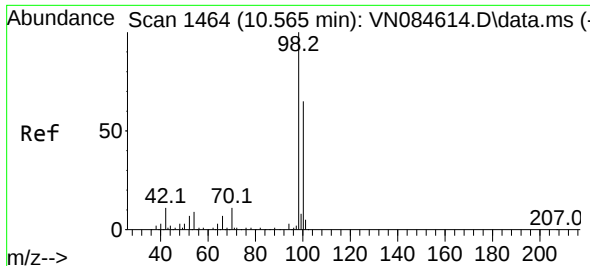
Tgt Ion:117 Resp: 115728
Ion Ratio Lower Upper
117 100
82 56.6 45.5 68.3
119 31.7 25.3 37.9



#60
4-Bromofluorobenzene
Concen: 24.518 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084878.D
Acq: 15 Nov 2024 18:48

Tgt Ion: 95 Resp: 48856
Ion Ratio Lower Upper
95 100
174 75.1 59.6 89.4
176 70.8 58.6 88.0

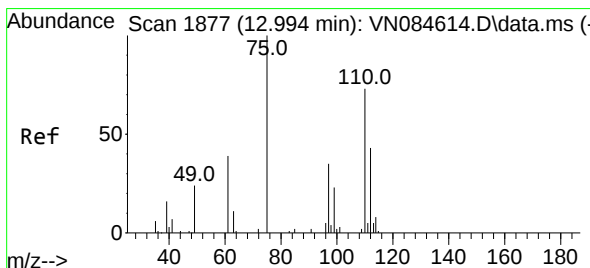
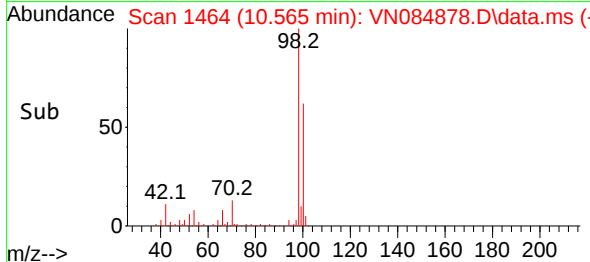
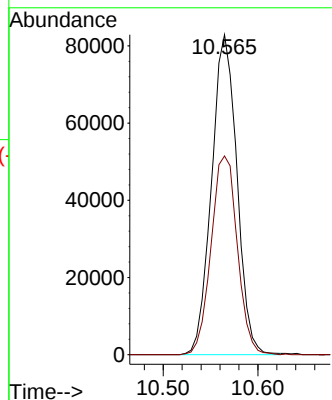
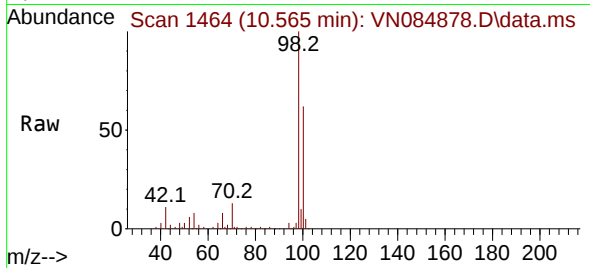




#63
Toluene-d8
Concen: 28.137 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084878.D
Acq: 15 Nov 2024 18:48

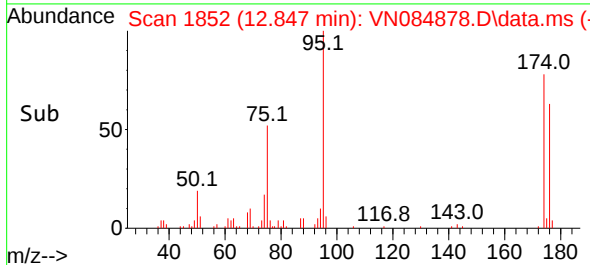
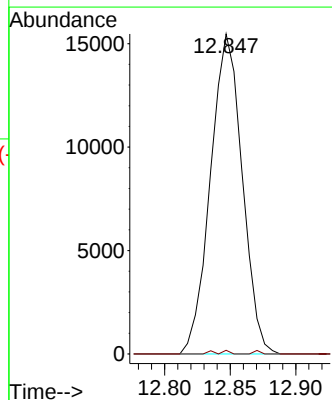
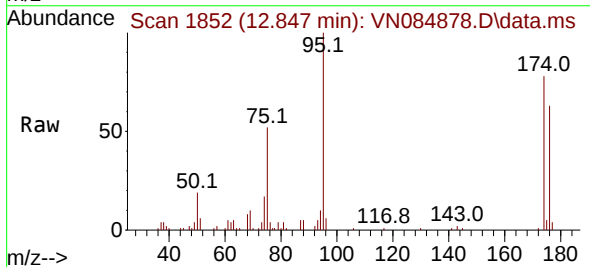
Instrument :
MSVOA_N
ClientSampleId :
TT-070-IDWGW-20241113

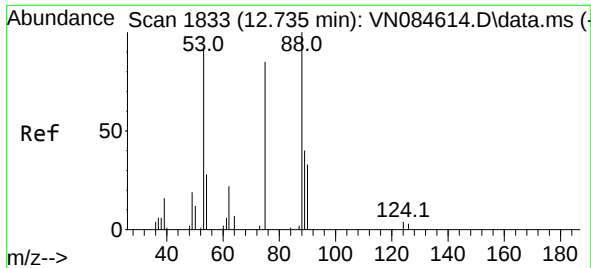
Tgt Ion: 98 Resp: 154153
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#72
1,2,3-Trichloropropane
Concen: 14.807 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084878.D
Acq: 15 Nov 2024 18:48

Tgt Ion: 75 Resp: 26044
Ion Ratio Lower Upper
75 100
77 0.2 0.0 358.4





#77

t-1,4-Dichloro-2-butene

Concen: 36.103 ug/l

RT: 12.847 min Scan# 1833

Delta R.T. 0.112 min

Lab File: VN084878.D

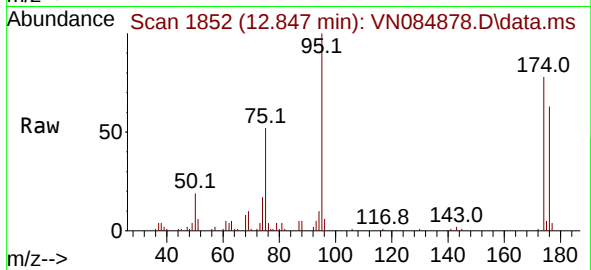
Acq: 15 Nov 2024 18:48

Instrument :

MSVOA_N

ClientSampleId :

TT-070-IDWGW-20241113



Tgt Ion: 75 Resp: 26044

Ion Ratio Lower Upper

75 100

53 0.0 52.4 157.2#

89 0.0 26.0 78.0#

