

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082556.D
 Acq On : 13 Jun 2024 13:54
 Operator : JC\MD
 Sample : P2840-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20240610

Quant Time: Jun 14 02:28:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

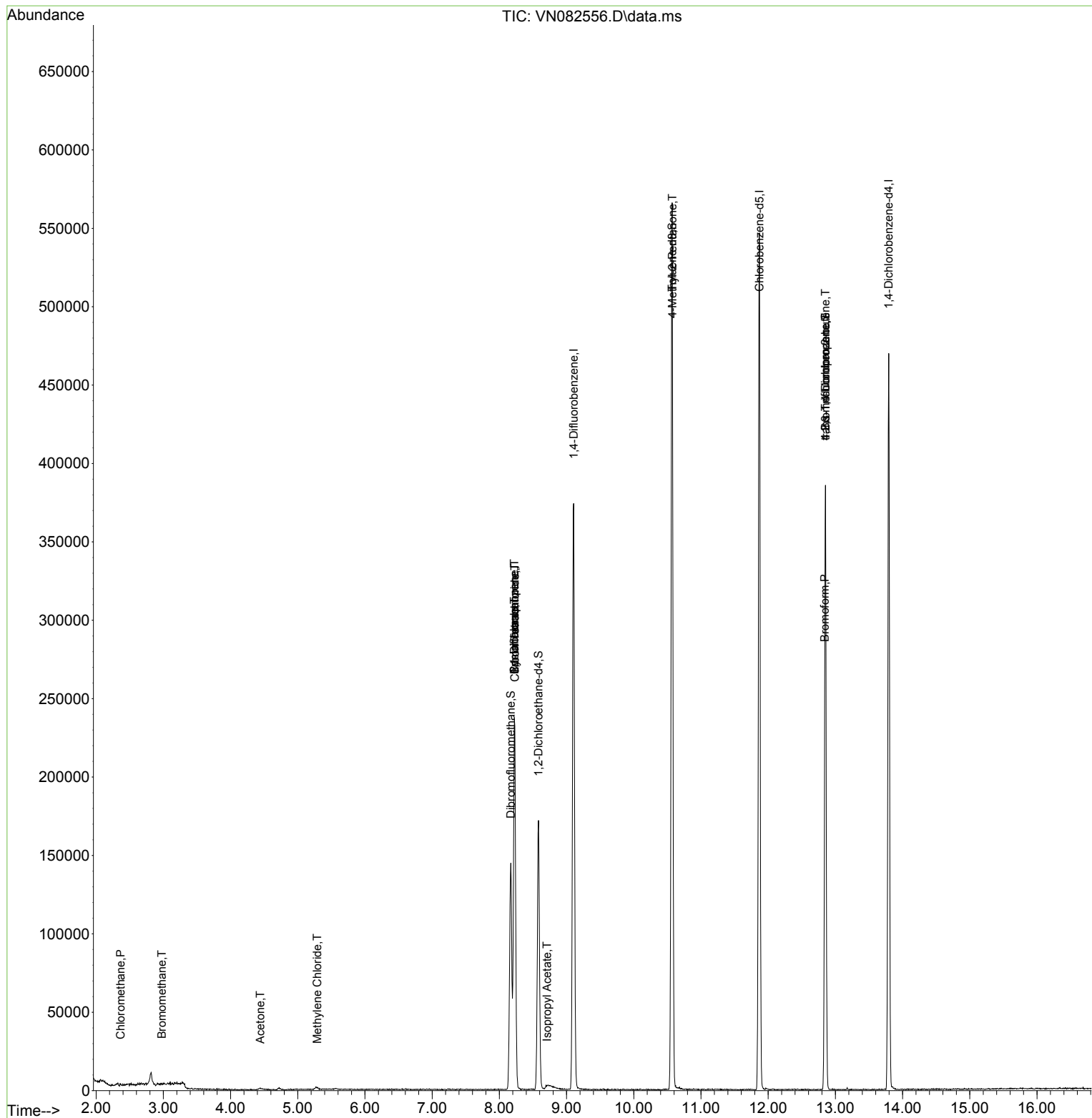
Internal Standards						
1) Pentafluorobenzene	8.224	168	163534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137572	53.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.560%	
35) Dibromofluoromethane	8.171	113	98388	53.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.660%	
50) Toluene-d8	10.571	98	368298	52.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	12.853	95	119472	47.320	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	793	0.297	ug/l #	81
5) Bromomethane	2.977	94	514	0.356	ug/l #	3
16) Acetone	4.442	43	1961	1.851	ug/l	91
20) Methylene Chloride	5.289	84	1000	0.468	ug/l #	79
31) Cyclohexane	8.224	56	4472	1.084	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	16253	5.252	ug/l #	48
38) Carbon Tetrachloride	8.230	117	18077	5.763	ug/l #	16
43) Isopropyl Acetate	8.712	43	2649	0.432	ug/l #	52
51) 4-Methyl-2-Pentanone	10.577	43	2053	0.589	ug/l #	1
71) Bromoform	12.841	173	431	0.950	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	69124	27.518	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69124	64.365	ug/l #	12

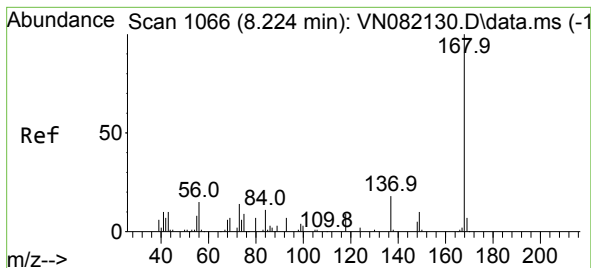
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082556.D

Acq: 13 Jun 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

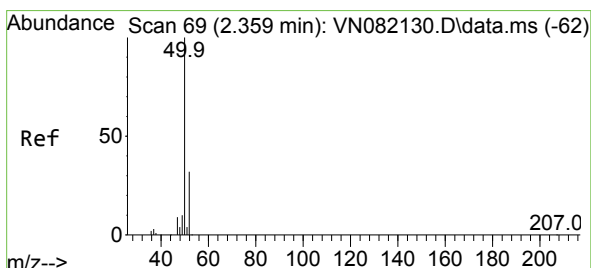
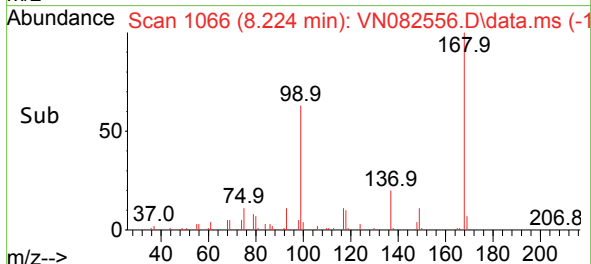
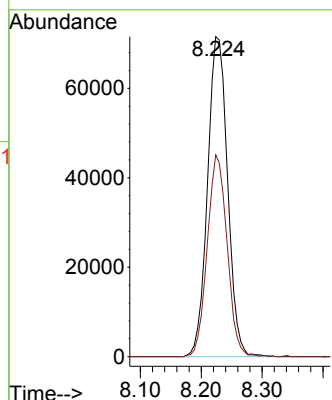
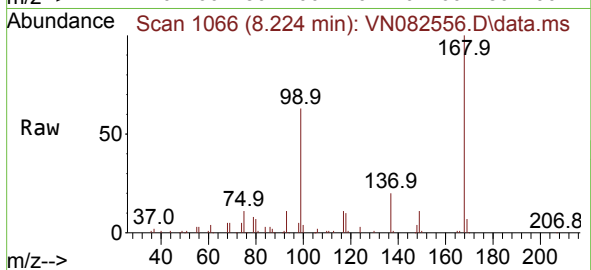
TB01-20240610

Tgt Ion:168 Resp: 163534

Ion Ratio Lower Upper

168 100

99 63.1 48.2 72.4



#3

Chloromethane

Concen: 0.297 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082556.D

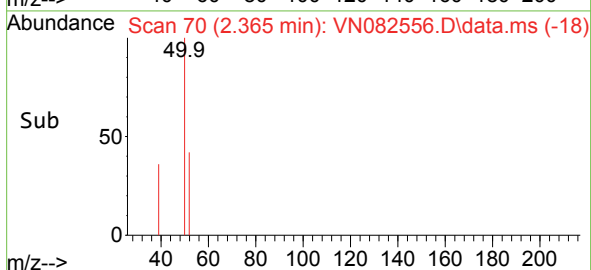
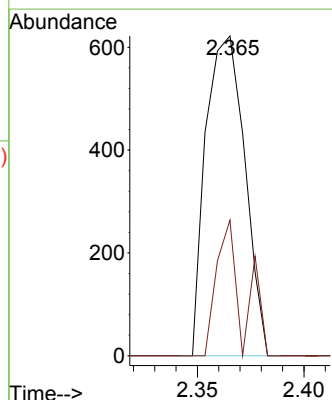
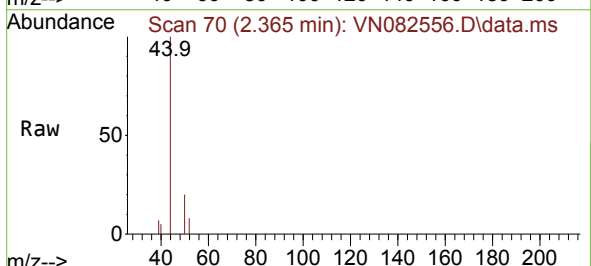
Acq: 13 Jun 2024 13:54

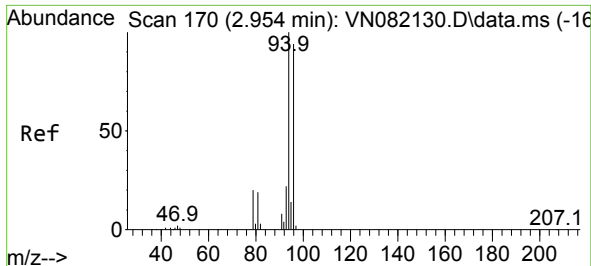
Tgt Ion: 50 Resp: 793

Ion Ratio Lower Upper

50 100

52 42.4 25.5 38.3#

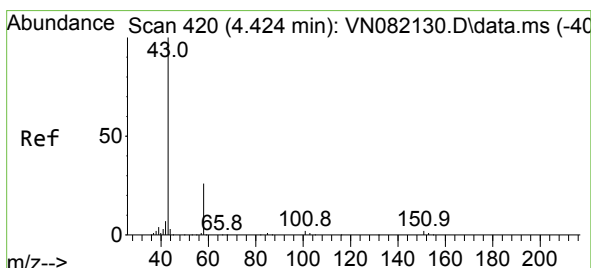
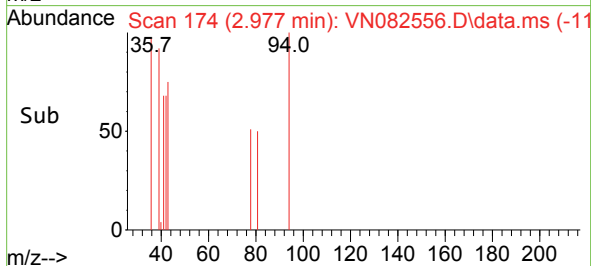
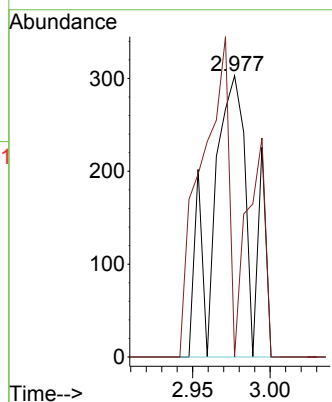
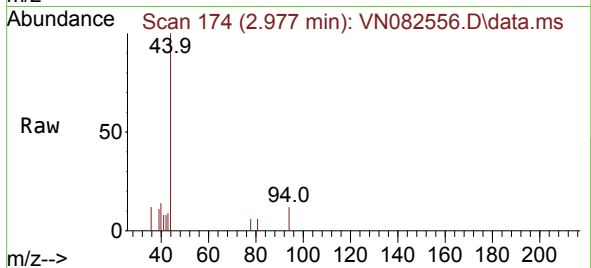




#5
Bromomethane
Concen: 0.356 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

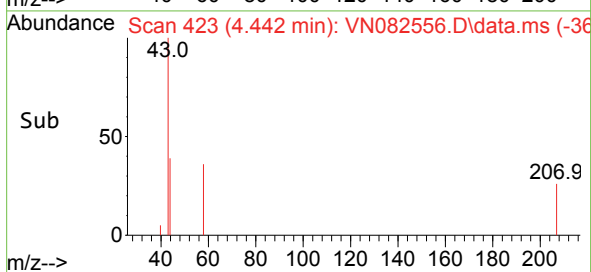
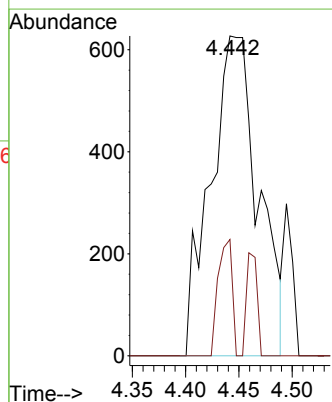
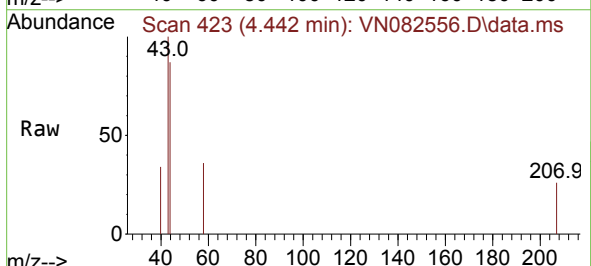
Instrument :
MSVOA_N
ClientSampleId :
TB01-20240610

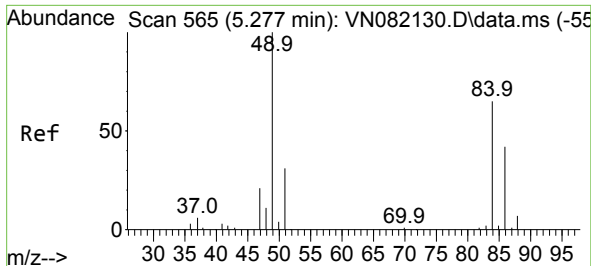
Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#16
Acetone
Concen: 1.851 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

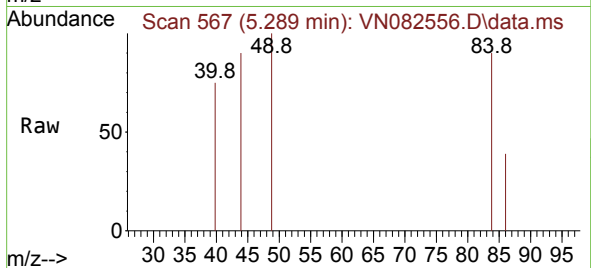
Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
58 36.4 25.2 37.8



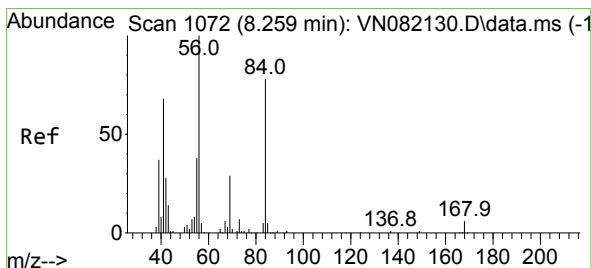
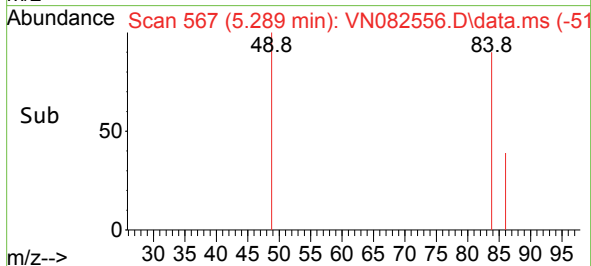
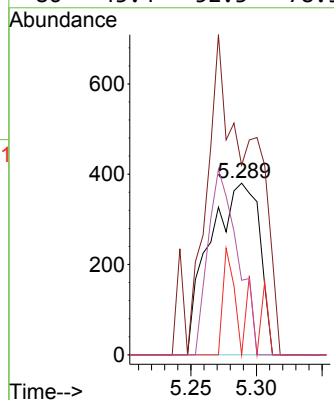


#20
Methylene Chloride
Concen: 0.468 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
TB01-20240610

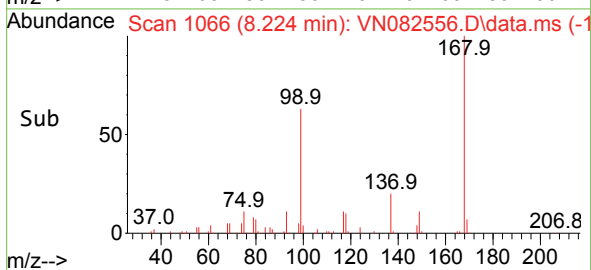
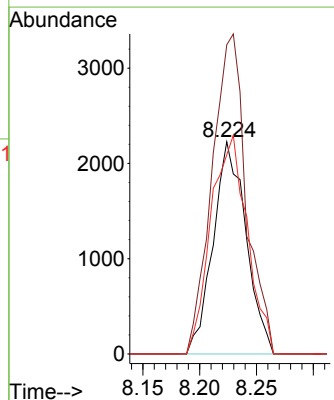
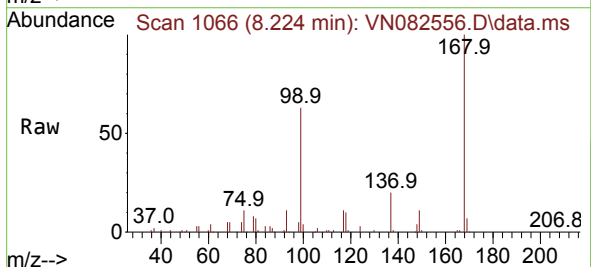


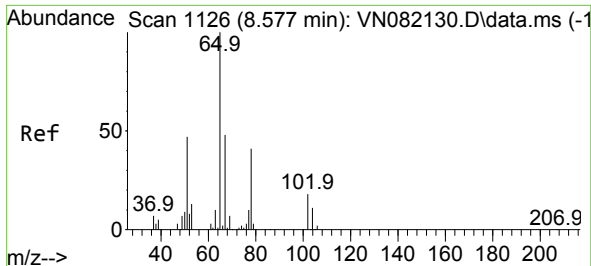
Tgt Ion: 84	Resp: 1000
Ion Ratio	Lower Upper
84 100	
49 110.5	84.9 127.3
51 0.0	27.0 40.6#
86 43.4	52.3 78.5#



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

Tgt Ion: 56	Resp: 4472		
Ion Ratio	Lower	Upper	
56	100		
69	145.7	24.4	36.6#
84	93.8	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 53.276 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082556.D

Acq: 13 Jun 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

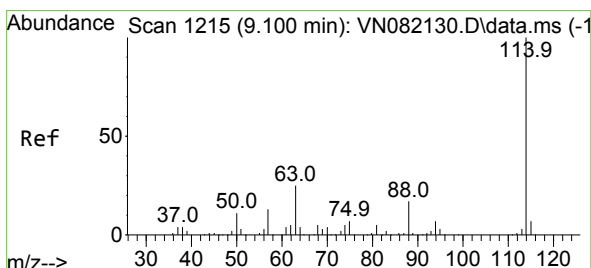
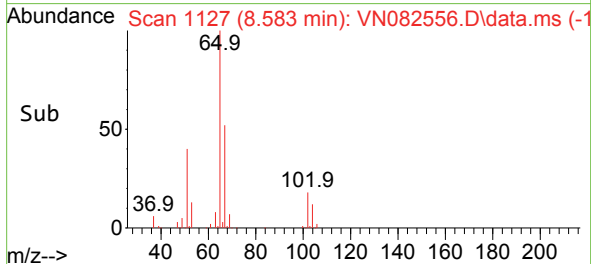
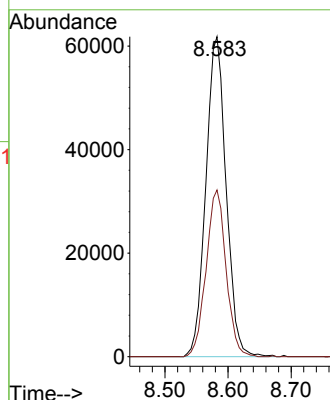
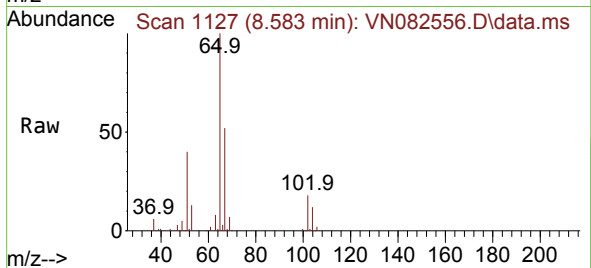
TB01-20240610

Tgt Ion: 65 Resp: 137572

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082556.D

Acq: 13 Jun 2024 13:54

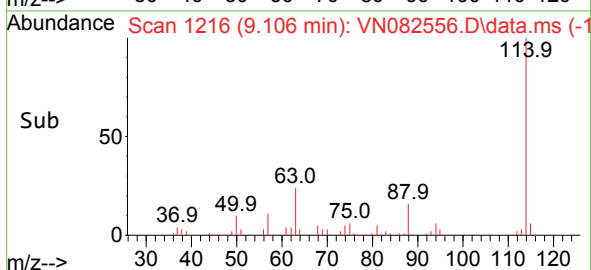
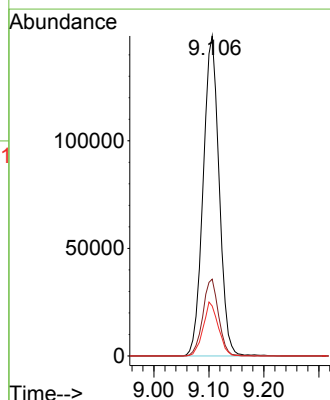
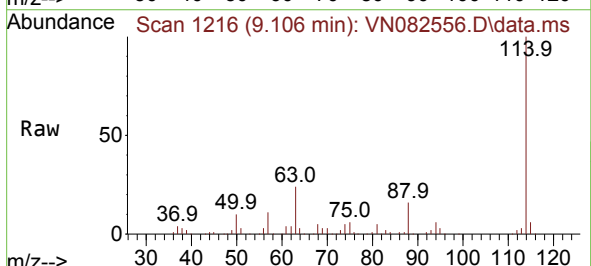
Tgt Ion: 114 Resp: 299932

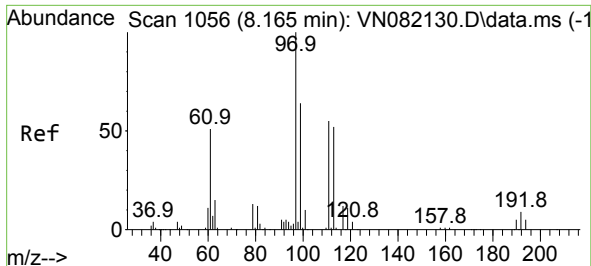
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 15.6 0.0 31.4

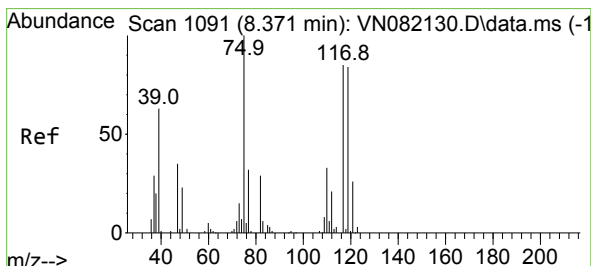
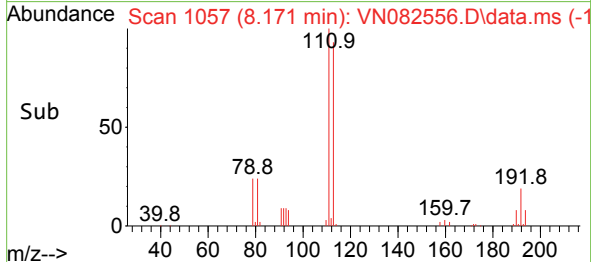
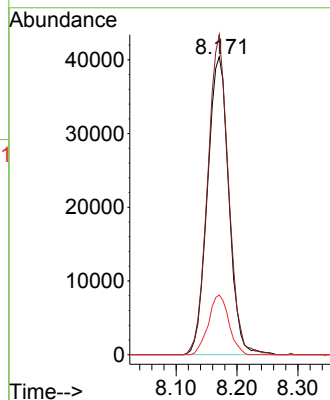
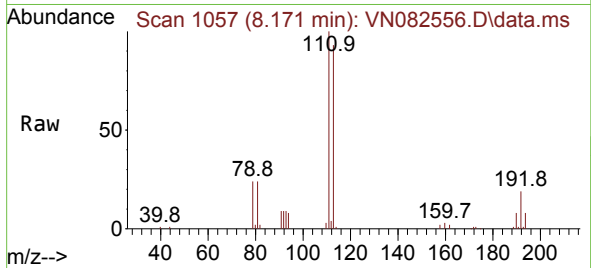




#35
Dibromofluoromethane
Concen: 53.326 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

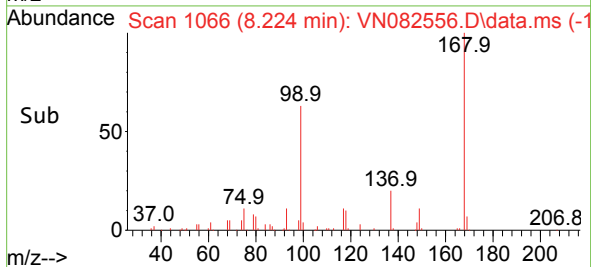
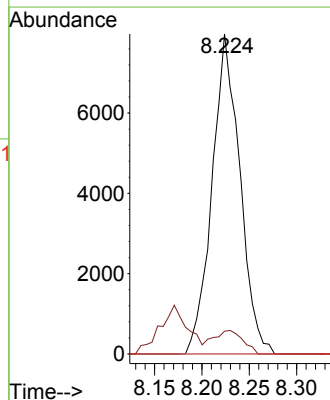
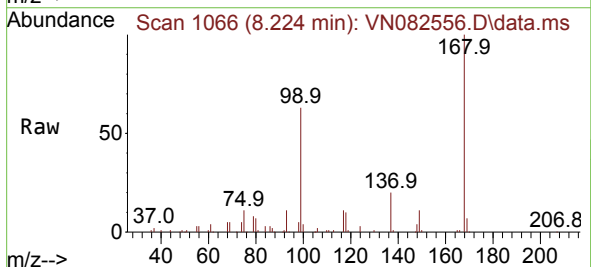
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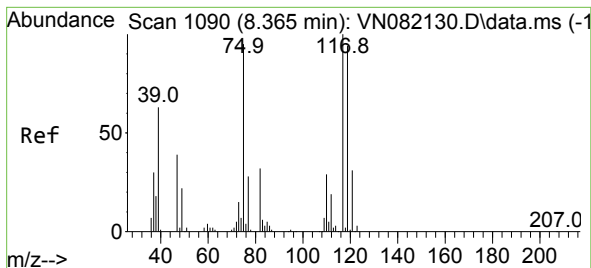
Tgt Ion:113 Resp: 98388
Ion Ratio Lower Upper
113 100
111 104.8 83.4 125.2
192 19.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.252 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

Tgt Ion: 75 Resp: 16253
Ion Ratio Lower Upper
75 100
110 7.2 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.763 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN082556.D

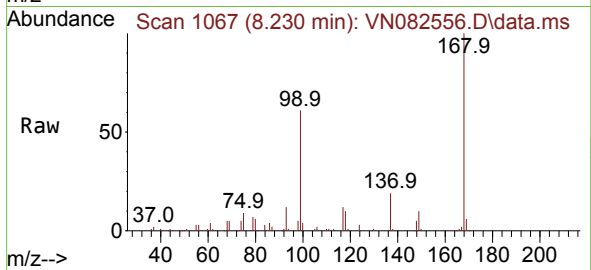
Acq: 13 Jun 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

TB01-20240610



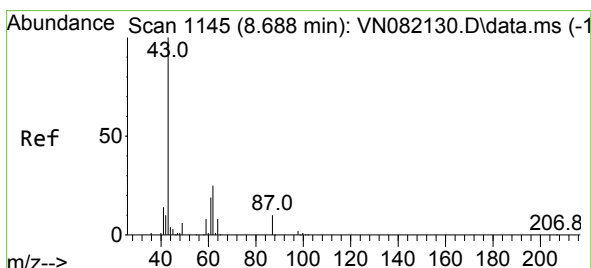
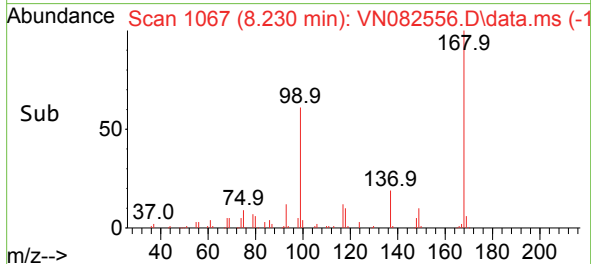
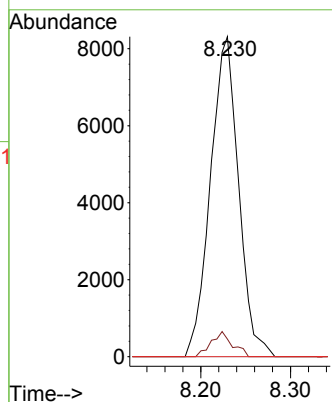
Tgt Ion:117 Resp: 18077

Ion Ratio Lower Upper

117 100

119 5.5 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.432 ug/l

RT: 8.712 min Scan# 1149

Delta R.T. 0.024 min

Lab File: VN082556.D

Acq: 13 Jun 2024 13:54

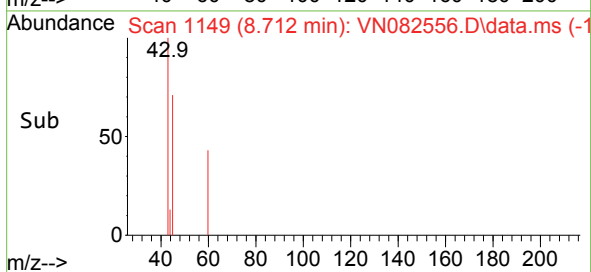
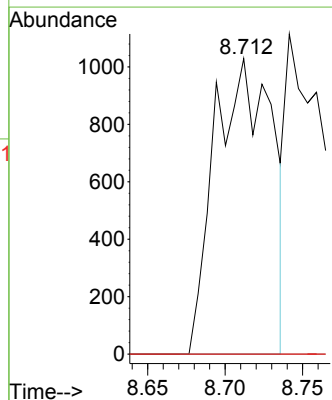
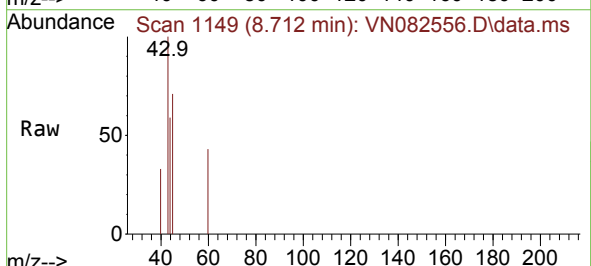
Tgt Ion: 43 Resp: 2649

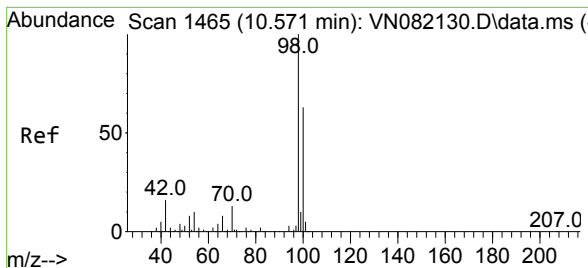
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

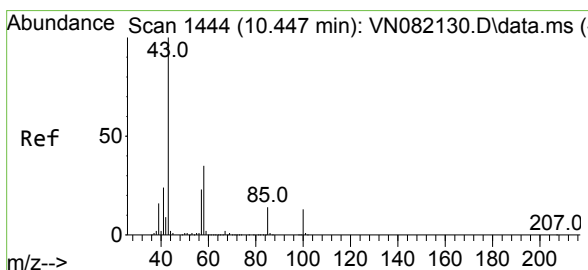
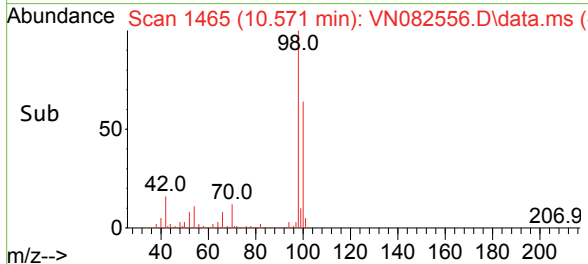
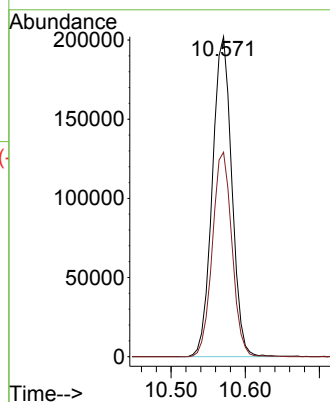
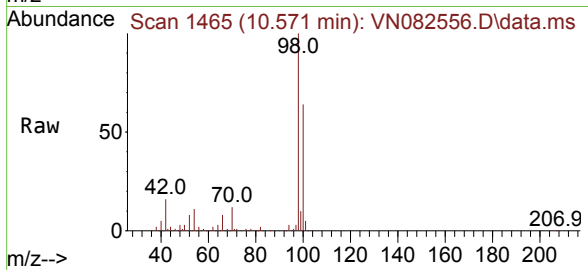




#50
Toluene-d8
Concen: 52.065 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

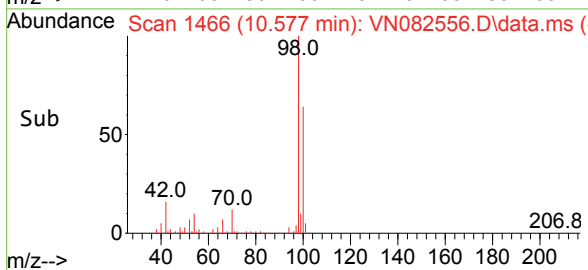
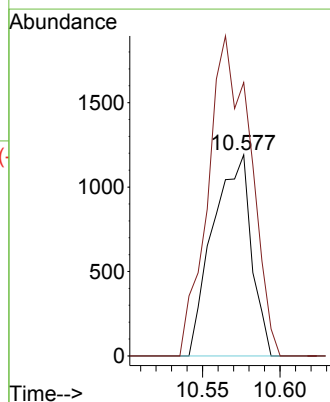
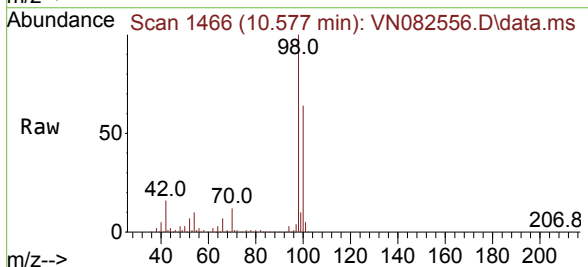
Instrument :
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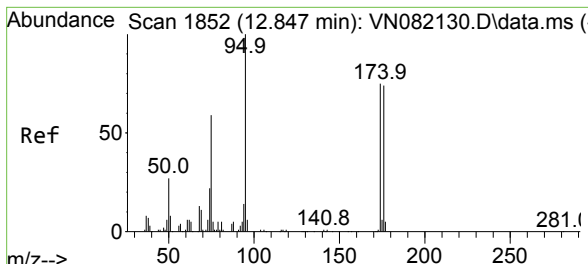
Tgt Ion: 98 Resp: 368298
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.129 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

Tgt Ion: 43 Resp: 2053
Ion Ratio Lower Upper
43 100
58 175.2 33.2 49.8#

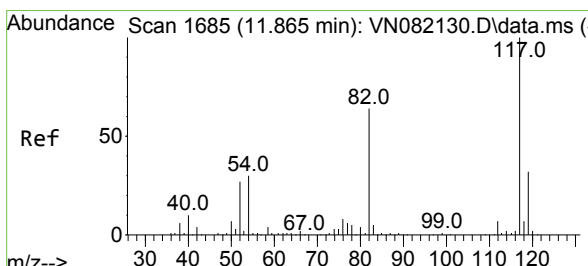
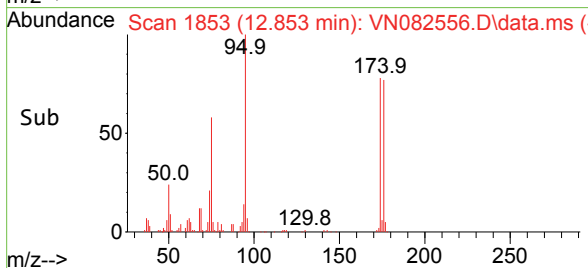
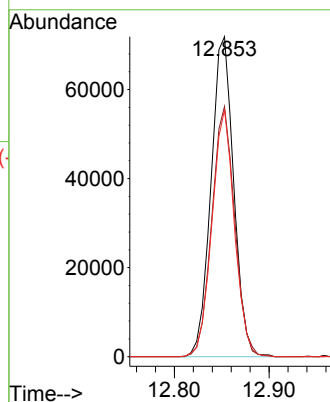
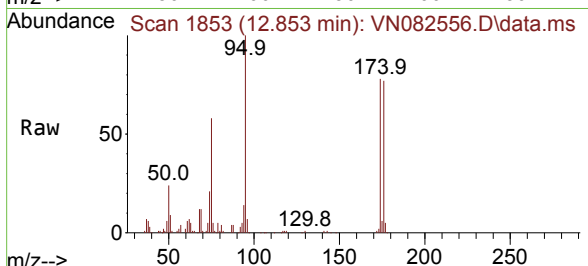




#62
 4-Bromofluorobenzene
 Concen: 47.320 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN082556.D
 Acq: 13 Jun 2024 13:54

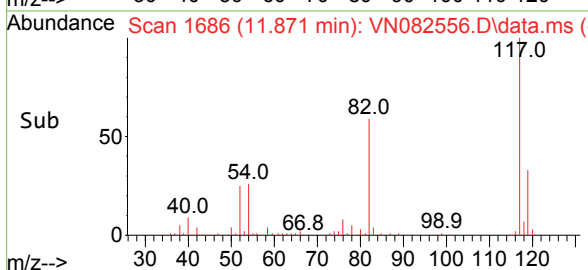
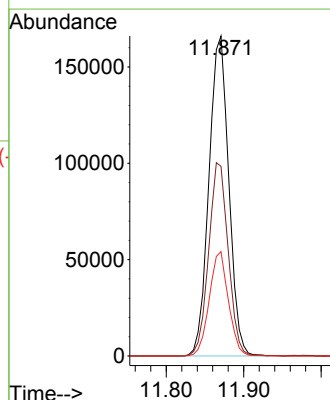
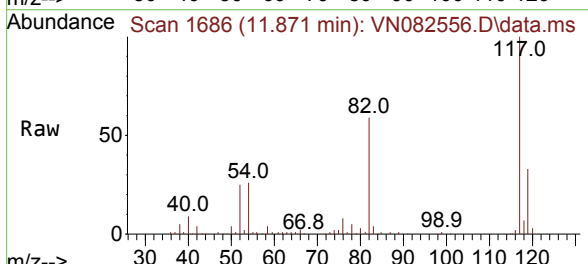
Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20240610

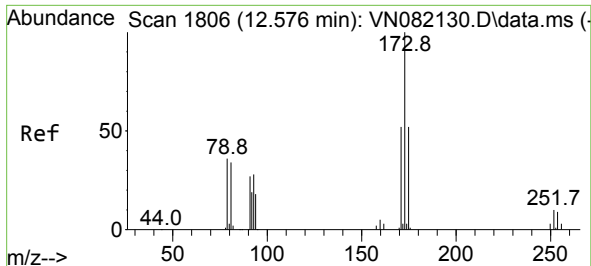
Tgt Ion:	95	Resp:	119472
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	160.6
176	76.4	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN082556.D
 Acq: 13 Jun 2024 13:54

Tgt Ion:	117	Resp:	295197
Ion	Ratio	Lower	Upper
117	100		
82	59.3	44.6	66.8
119	32.6	25.9	38.9

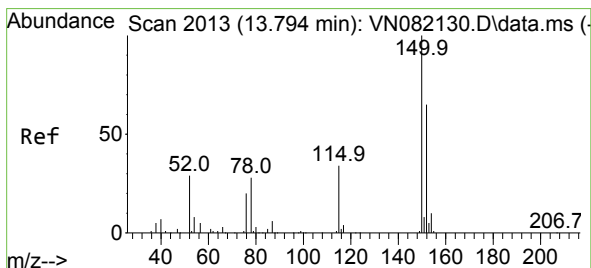
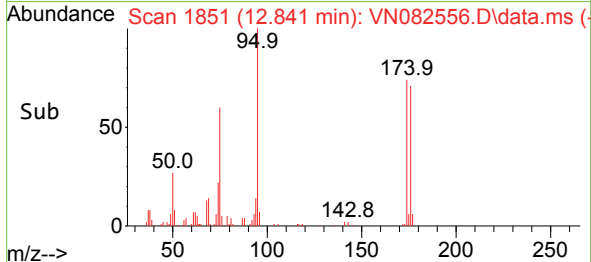
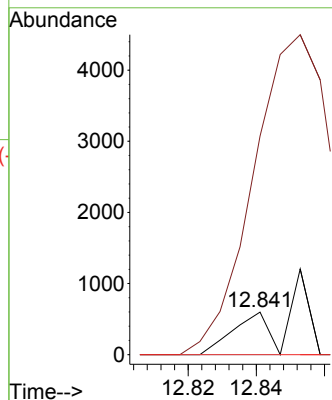
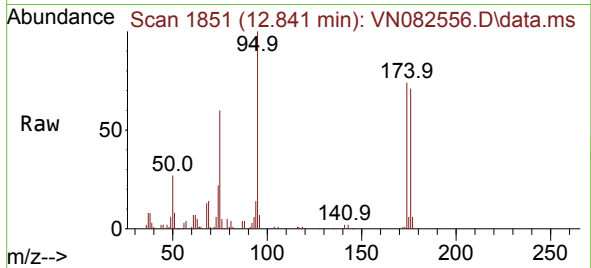




#71
Bromoform
Concen: 0.950 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

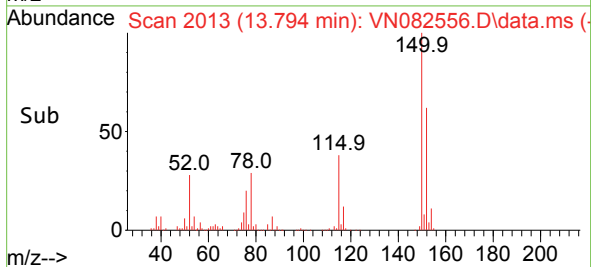
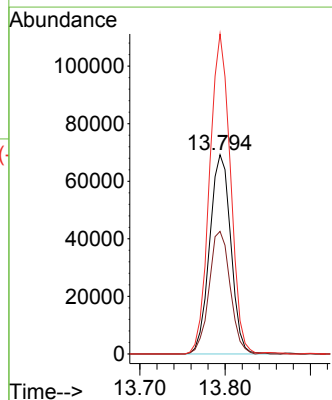
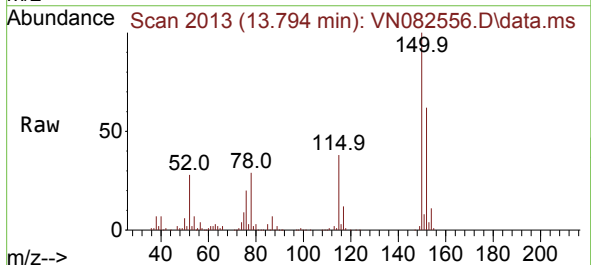
Instrument :
MSVOA_N
ClientSampleId :
TB01-20240610

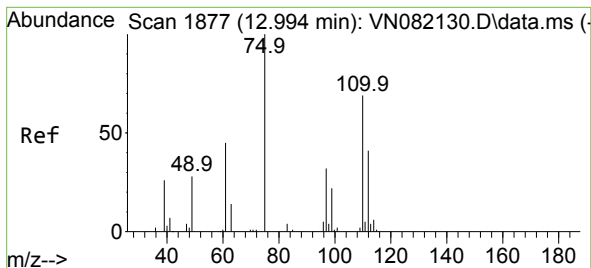
Tgt Ion:173 Resp: 431
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082556.D
Acq: 13 Jun 2024 13:54

Tgt Ion:152 Resp: 119344
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 157.7 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 27.518 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082556.D

Acq: 13 Jun 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

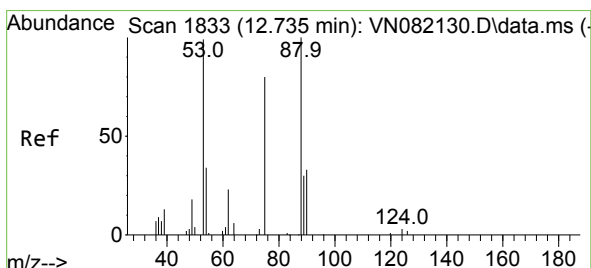
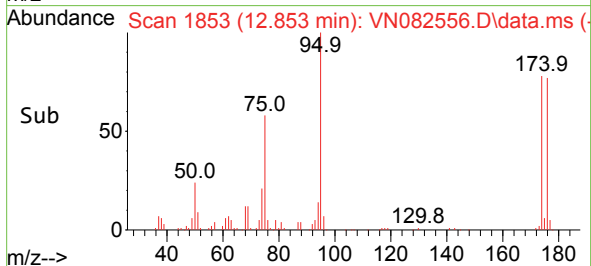
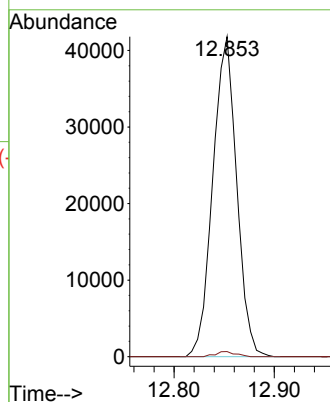
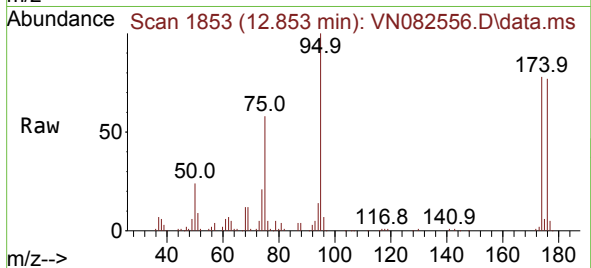
TB01-20240610

Tgt Ion: 75 Resp: 69124

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.365 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082556.D

Acq: 13 Jun 2024 13:54

Tgt Ion: 75 Resp: 69124

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

