

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082488.D
 Acq On : 07 Jun 2024 13:23
 Operator : JC\MD
 Sample : P2772-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 00:57:05 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)

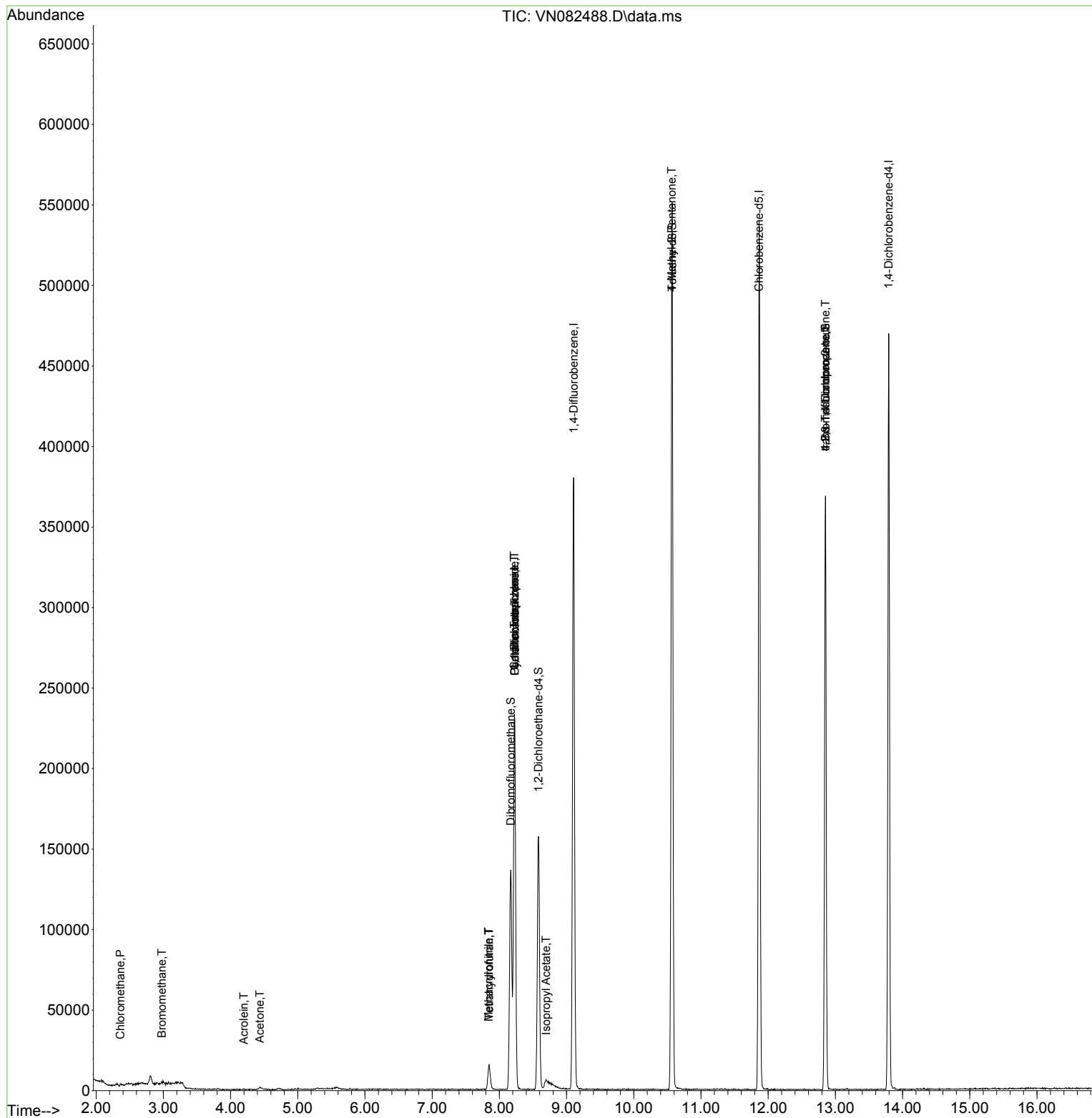
Internal Standards						
1) Pentafluorobenzene	8.230	168	163802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132004	51.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.080%	
35) Dibromofluoromethane	8.171	113	94710	52.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	10.571	98	357595	51.217	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.853	95	116750	46.850	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	857	0.320	ug/l	96
5) Bromomethane	2.977	94	724	0.501	ug/l #	63
13) Acrolein	4.200	56	74	0.241	ug/l #	15
16) Acetone	4.436	43	2654	2.501	ug/l #	85
29) Tetrahydrofuran	7.847	42	12313	11.921	ug/l #	78
31) Cyclohexane	8.230	56	4442	1.075	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	15258	4.996	ug/l #	48
38) Carbon Tetrachloride	8.224	117	17689	5.713	ug/l #	18
41) Methacrylonitrile	7.841	41	7112	3.538	ug/l #	41
43) Isopropyl Acetate	8.694	43	6619	1.093	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2186	0.635	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	68468	27.886	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68468	65.225	ug/l #	12

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

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Instrument :
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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

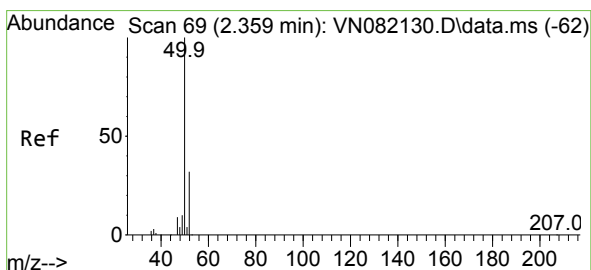
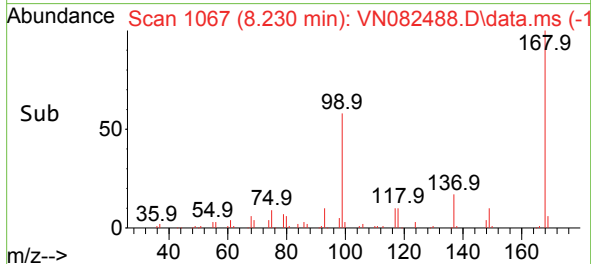
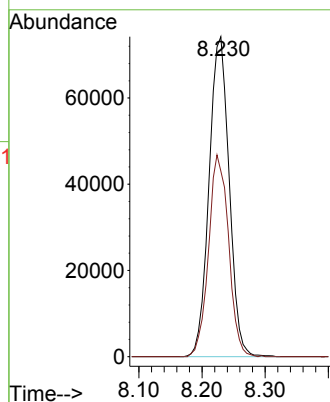
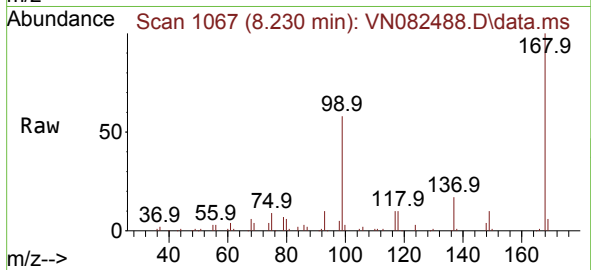




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

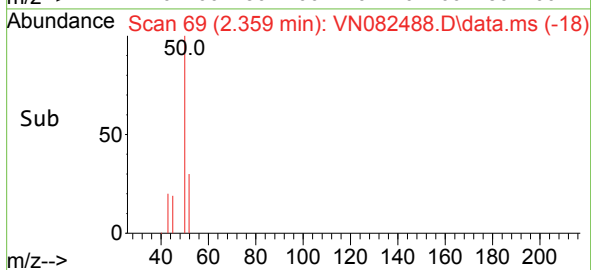
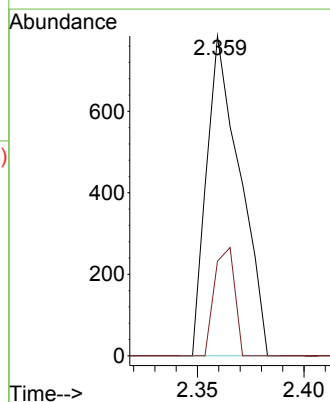
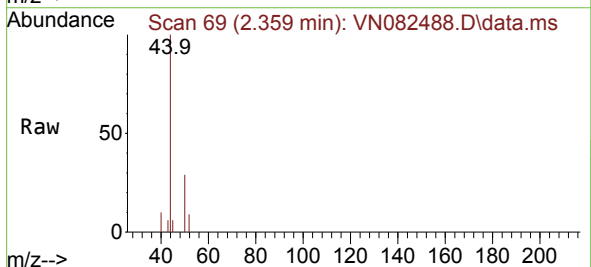
Instrument :
MSVOA_N
ClientSampleId :

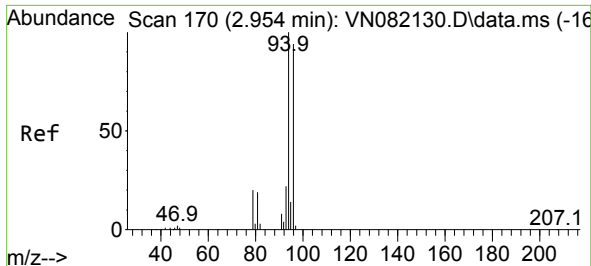
Tgt Ion:168 Resp: 163802
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#3
Chloromethane
Concen: 0.320 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

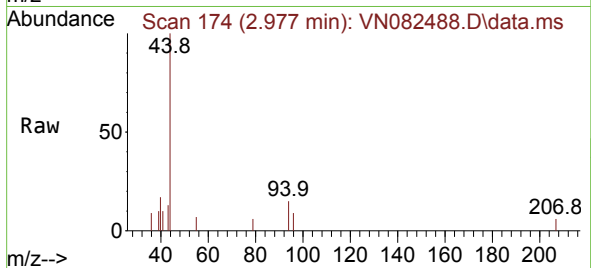
Tgt Ion: 50 Resp: 857
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3



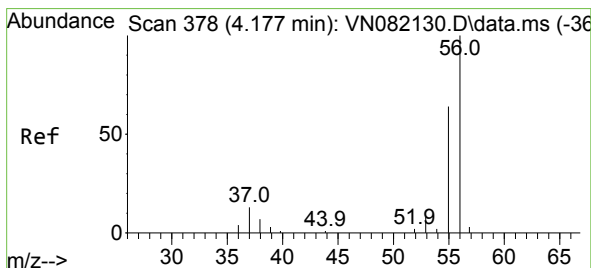
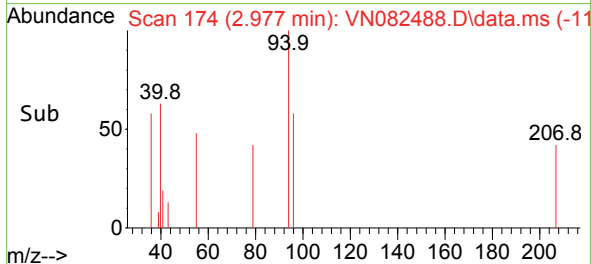
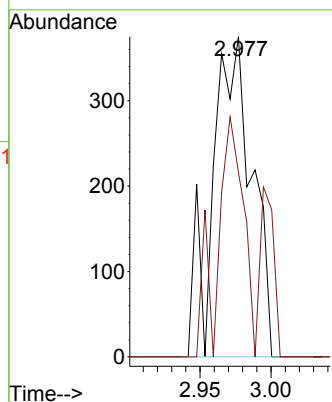


#5
Bromomethane
Concen: 0.501 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

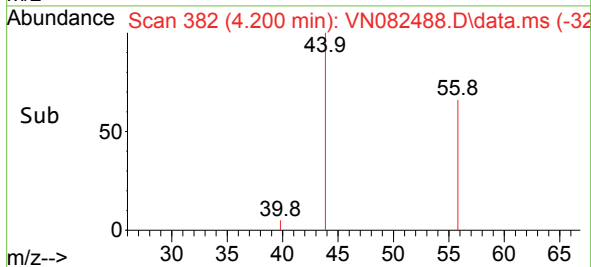
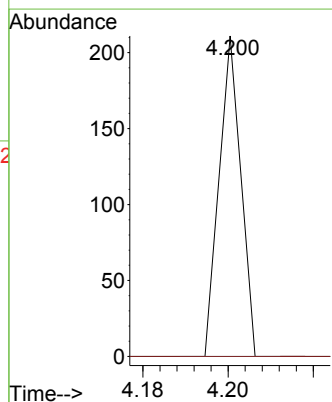
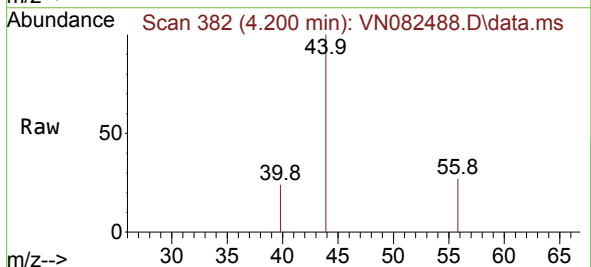


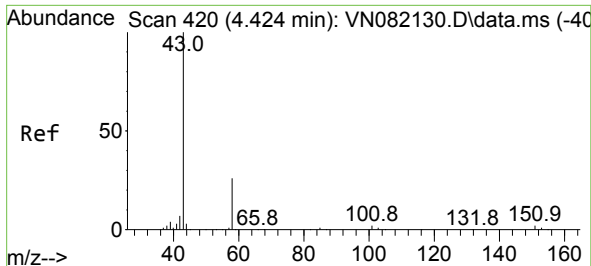
Tgt Ion: 94 Resp: 724
Ion Ratio Lower Upper
94 100
96 57.6 74.8 112.2#



#13
Acrolein
Concen: 0.241 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.023 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

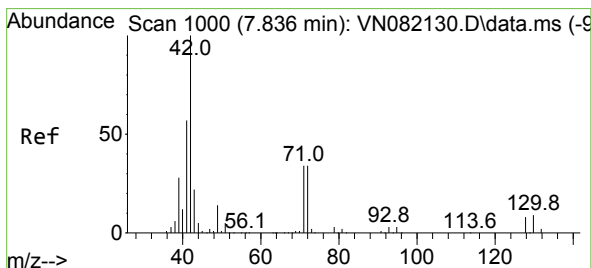
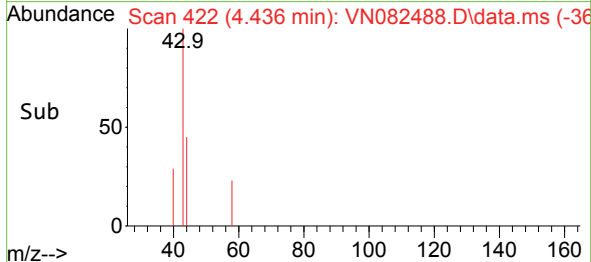
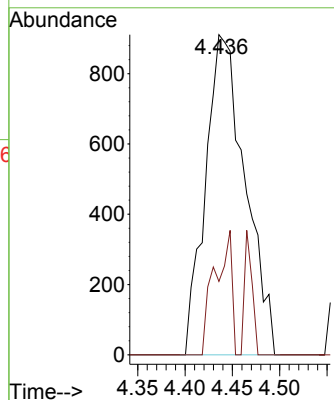
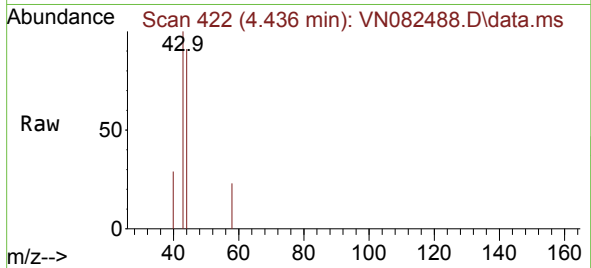




#16
Acetone
Concen: 2.501 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

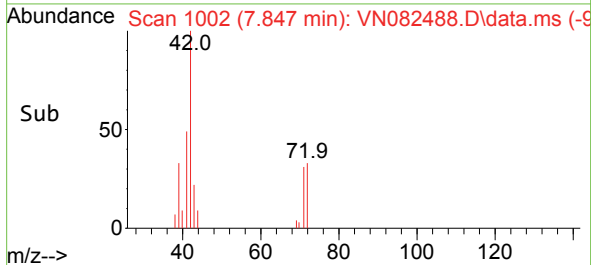
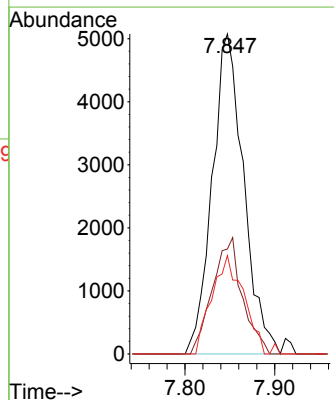
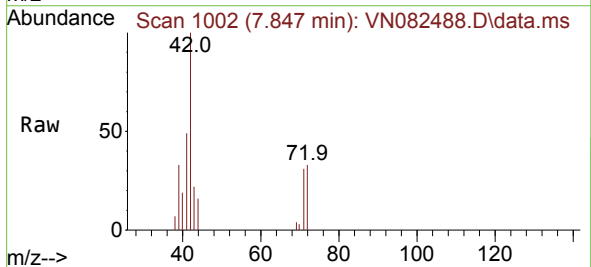
Instrument :
MSVOA_N
ClientSampleId :

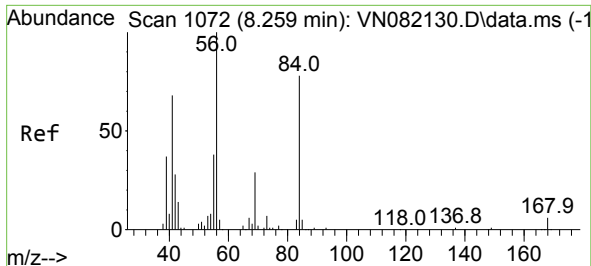
Tgt Ion: 43 Resp: 2654
Ion Ratio Lower Upper
43 100
58 22.9 25.2 37.8#



#29
Tetrahydrofuran
Concen: 11.921 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.011 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

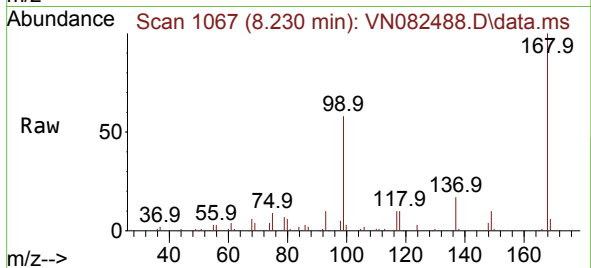
Tgt Ion: 42 Resp: 12313
Ion Ratio Lower Upper
42 100
72 34.5 39.3 58.9#
71 31.1 37.4 56.0#



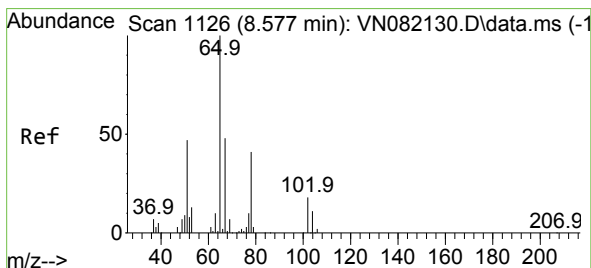
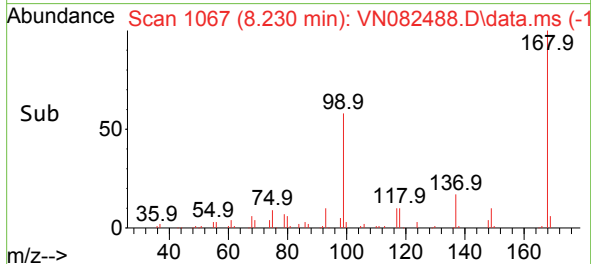
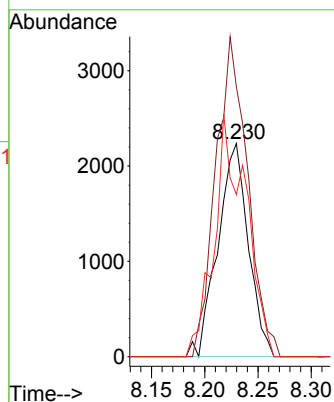


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :

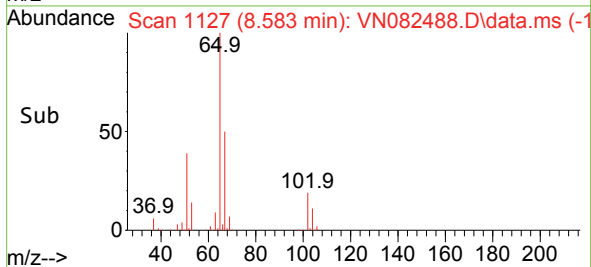
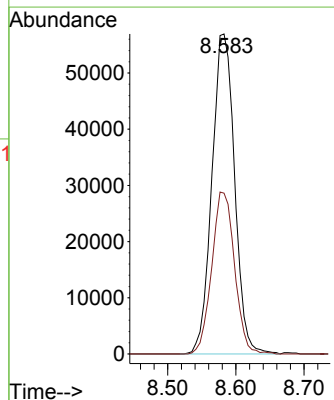
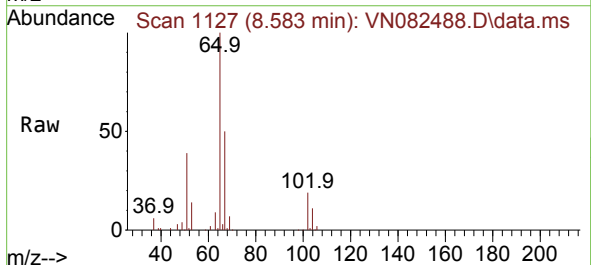


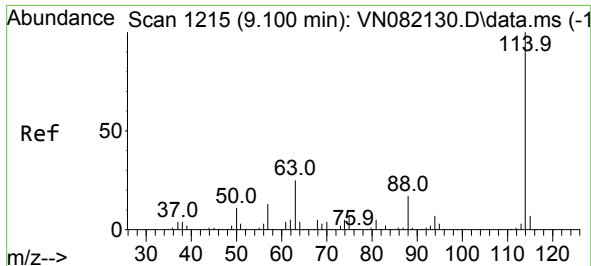
Tgt Ion: 56 Resp: 4442
Ion Ratio Lower Upper
56 100
69 126.7 24.4 36.6#
84 76.1 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 51.036 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

Tgt Ion: 65 Resp: 132004
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082488.D

Acq: 07 Jun 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :

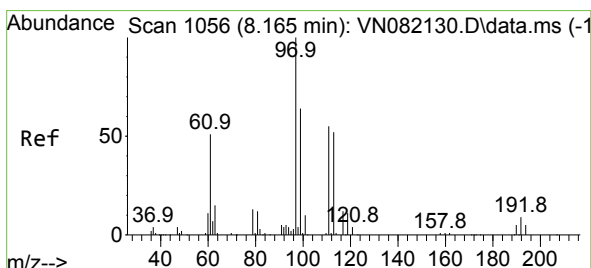
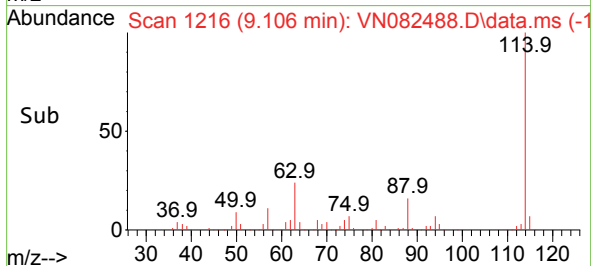
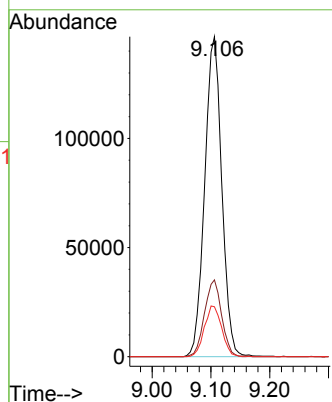
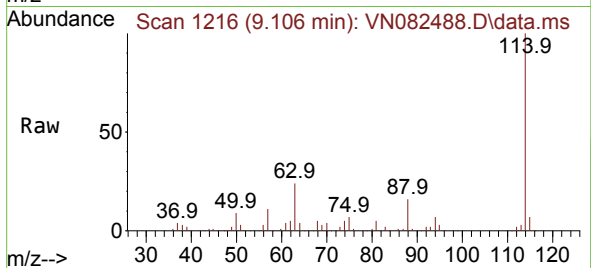
Tgt Ion:114 Resp: 296038

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.007 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082488.D

Acq: 07 Jun 2024 13:23

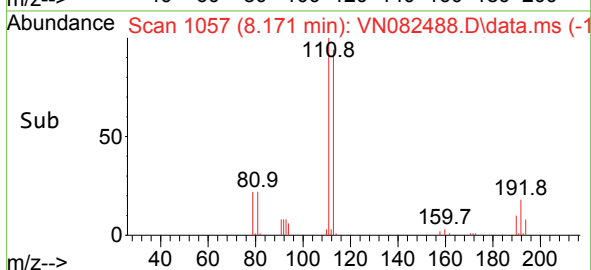
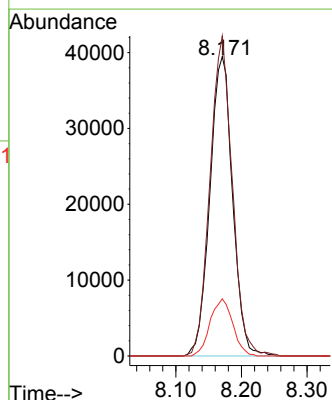
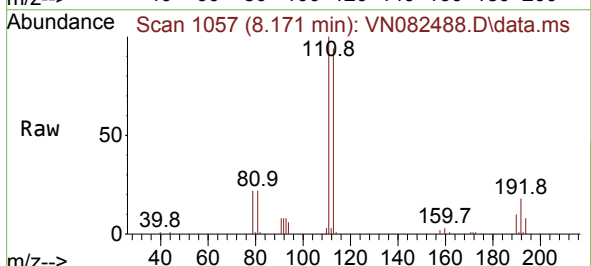
Tgt Ion:113 Resp: 94710

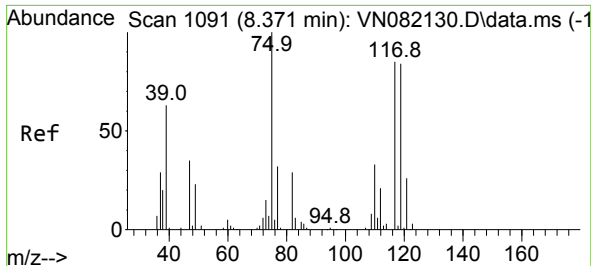
Ion Ratio Lower Upper

113 100

111 105.2 83.4 125.2

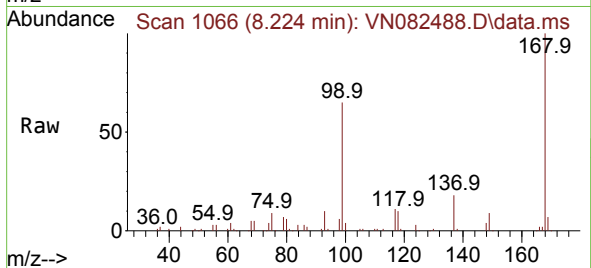
192 19.0 14.0 21.0



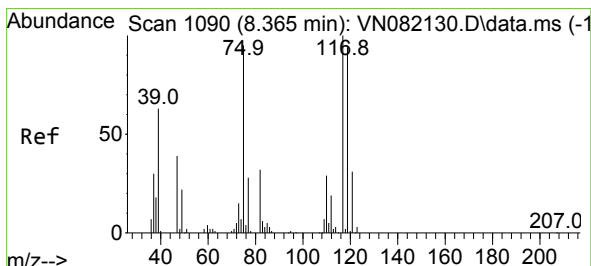
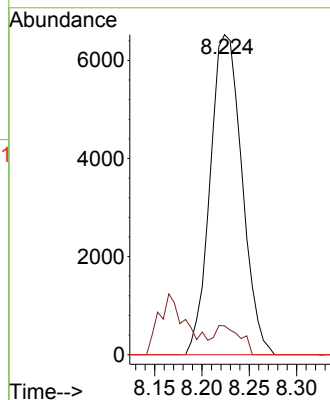
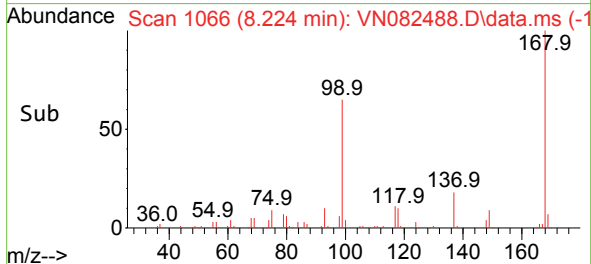


#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

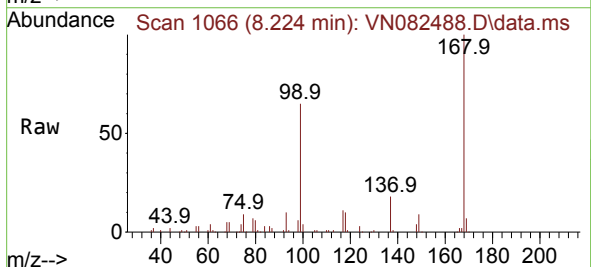
Instrument :
MSVOA_N
ClientSampleId :



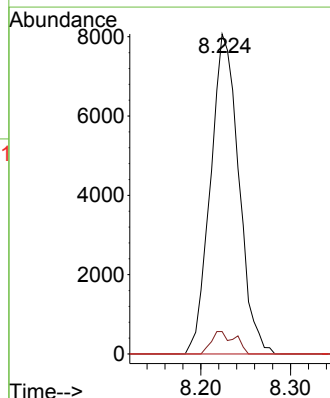
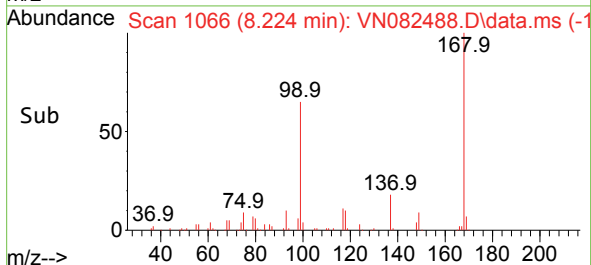
Tgt Ion: 75 Resp: 15258
Ion Ratio Lower Upper
75 100
110 7.4 17.8 53.5#
77 0.0 25.0 37.4#

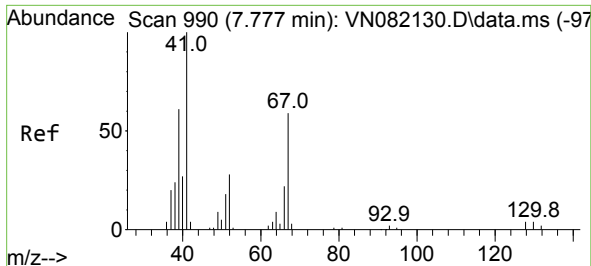


#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23



Tgt Ion: 117 Resp: 17689
Ion Ratio Lower Upper
117 100
119 7.0 76.5 114.7#
121 0.0 23.9 35.9#

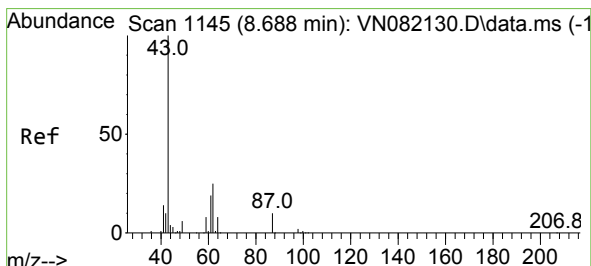
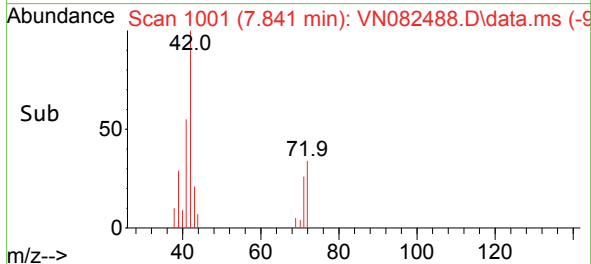
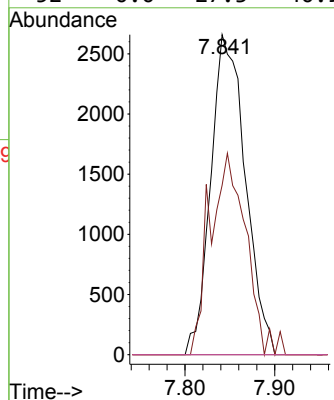
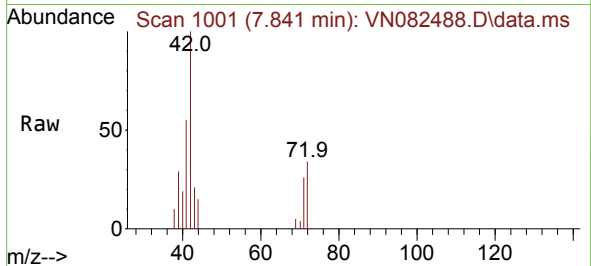




#41
Methacrylonitrile
Concen: 3.538 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

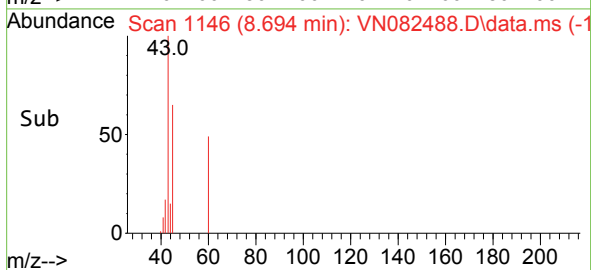
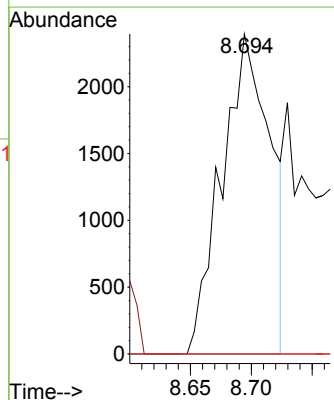
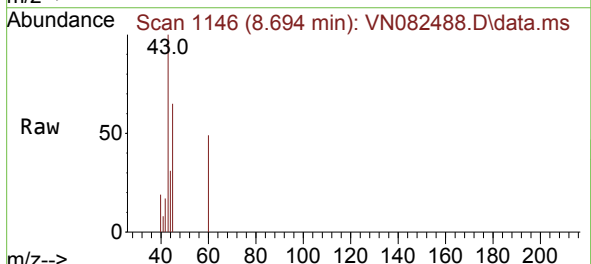
Instrument :
MSVOA_N
ClientSampleId :

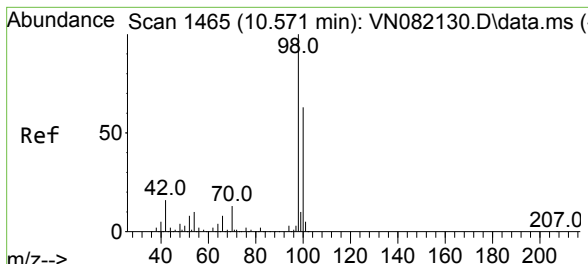
Tgt Ion: 41	Resp: 7112
Ion Ratio	Lower Upper
41 100	
39 66.0	46.6 69.8
67 0.0	67.3 100.9#
52 0.0	27.3 40.9#



#43
Isopropyl Acetate
Concen: 1.093 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

Tgt Ion: 43	Resp: 6619
Ion Ratio	Lower Upper
43 100	
61 0.0	22.8 34.2#
87 0.0	12.0 18.0#

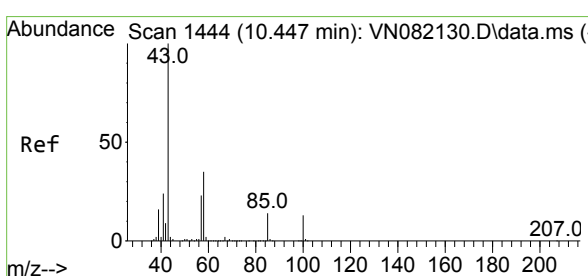
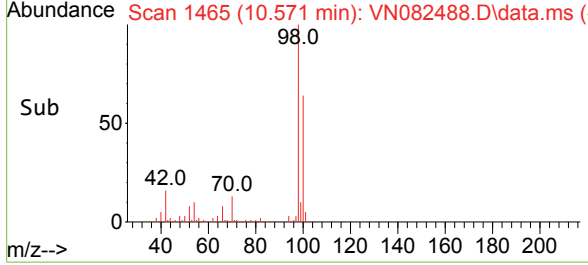
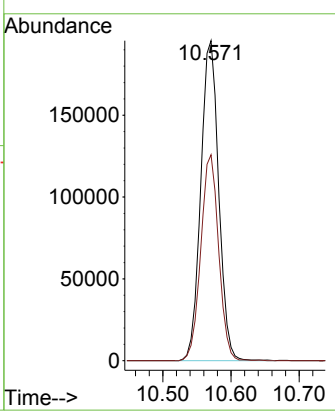
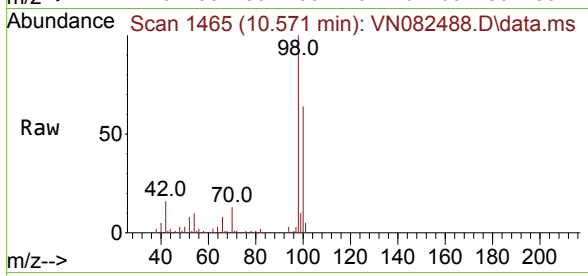




#50
Toluene-d8
Concen: 51.217 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

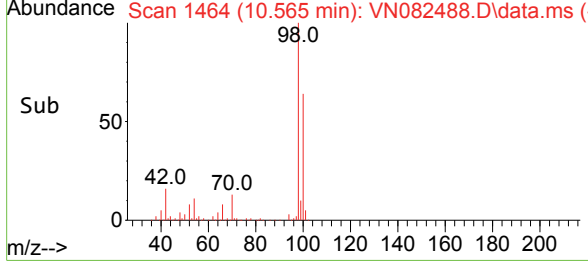
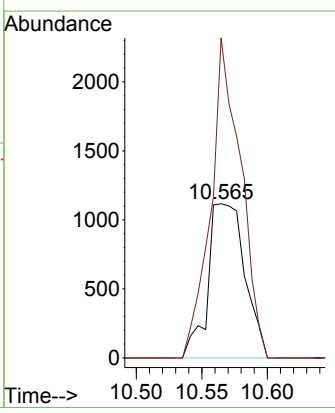
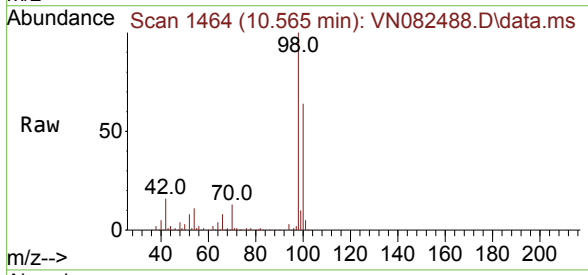
Instrument :
MSVOA_N
ClientSampleId :

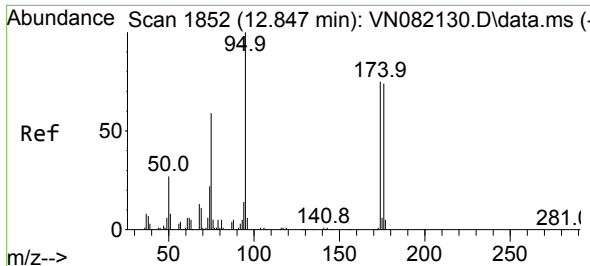
Tgt Ion:	98	Resp:	357595
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.8	77.6



#51
4-Methyl-2-Pentanone
Concen: 0.635 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

Tgt Ion:	43	Resp:	2186
Ion Ratio	Lower	Upper	
43	100		
58	169.4	33.2	49.8#

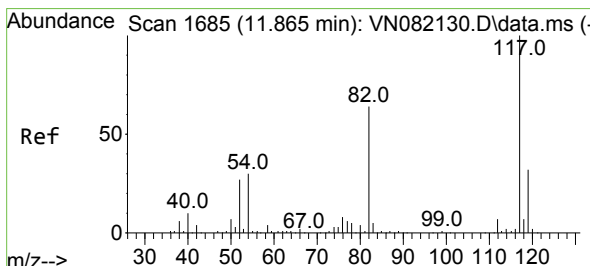
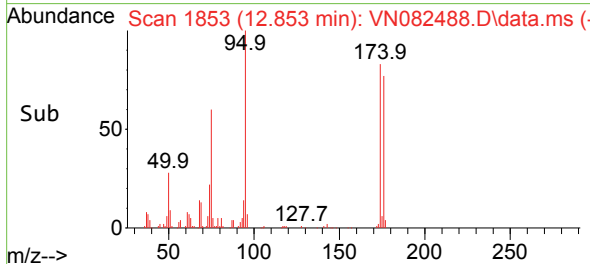
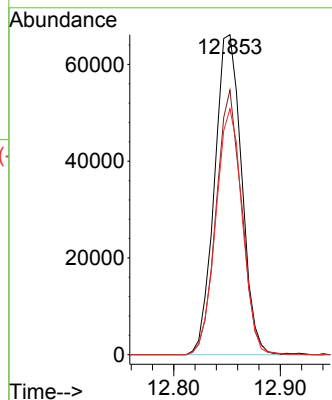
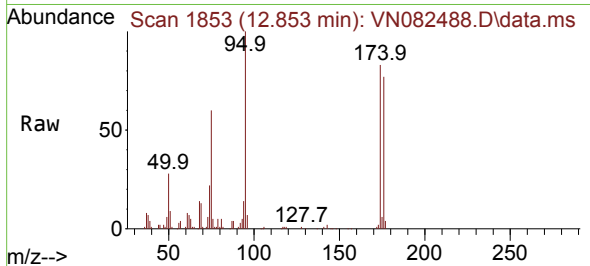




#62
4-Bromofluorobenzene
Concen: 46.850 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

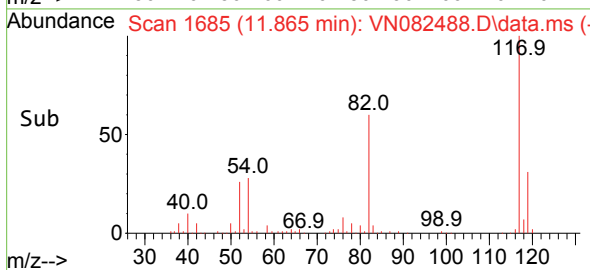
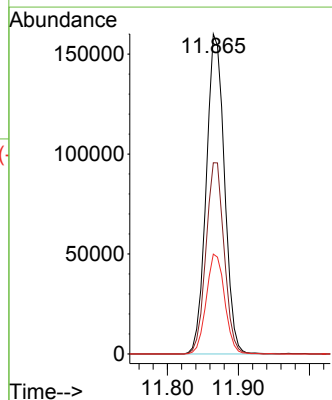
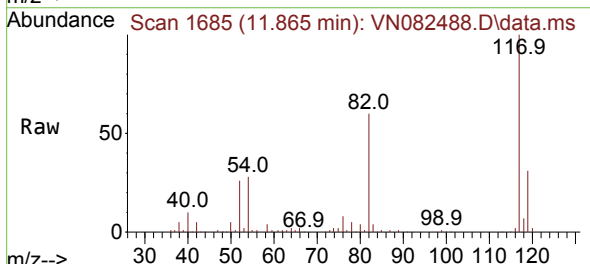
Instrument :
MSVOA_N
ClientSampleId :

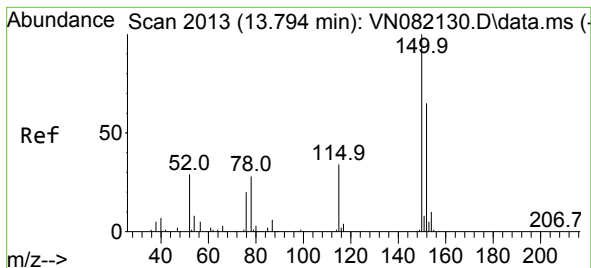
Tgt Ion: 95 Resp: 116750
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.6
176 75.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082488.D
Acq: 07 Jun 2024 13:23

Tgt Ion: 117 Resp: 285273
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 31.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

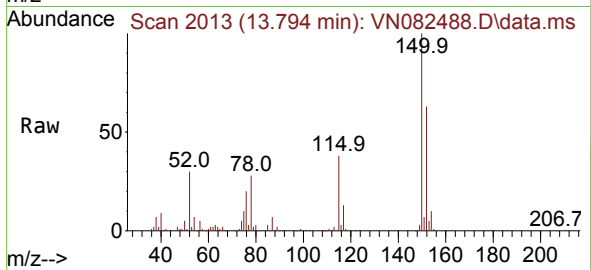
Lab File: VN082488.D

Acq: 07 Jun 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :



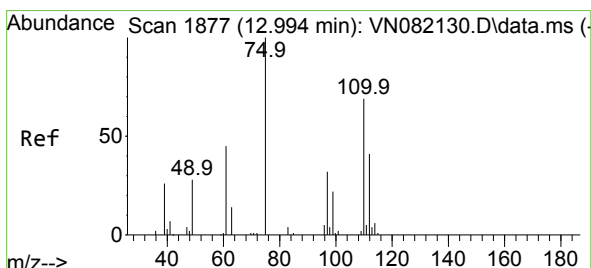
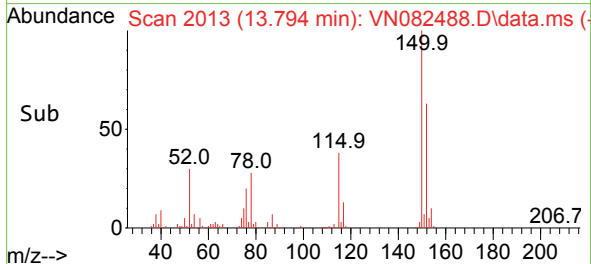
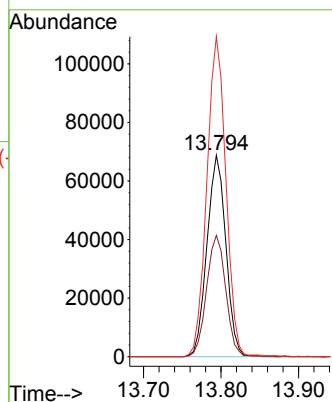
Tgt Ion:152 Resp: 116653

Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 159.9 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.886 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082488.D

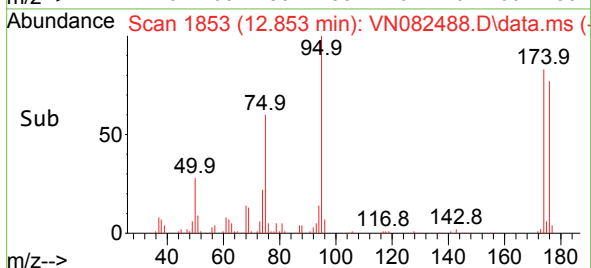
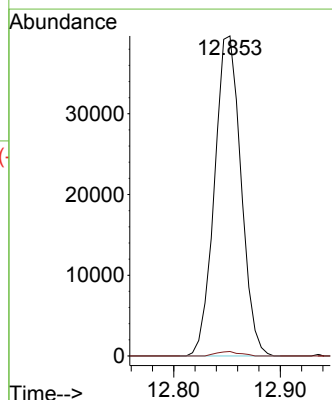
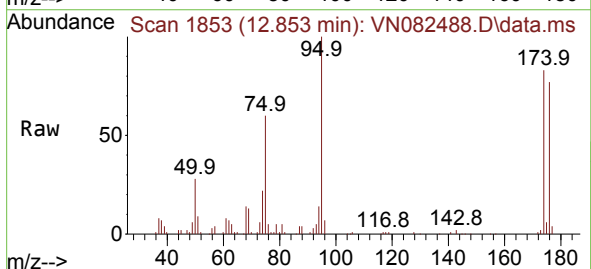
Acq: 07 Jun 2024 13:23

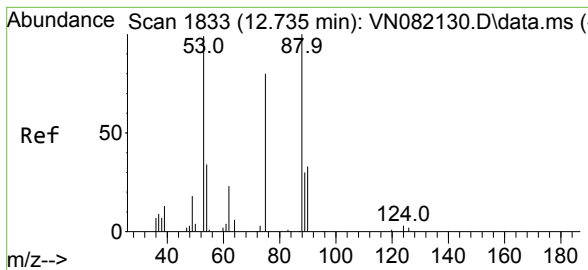
Tgt Ion: 75 Resp: 68468

Ion Ratio Lower Upper

75 100

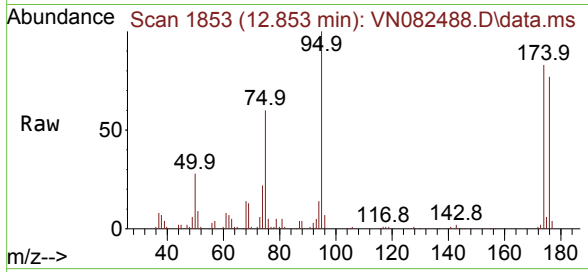
77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.225 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082488.D
 Acq: 07 Jun 2024 13:23

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 68468
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.0 39.1 58.7#

