

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082696.D
 Acq On : 24 Jun 2024 12:55
 Operator : JC\MD
 Sample : P3034-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 25 02:26:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

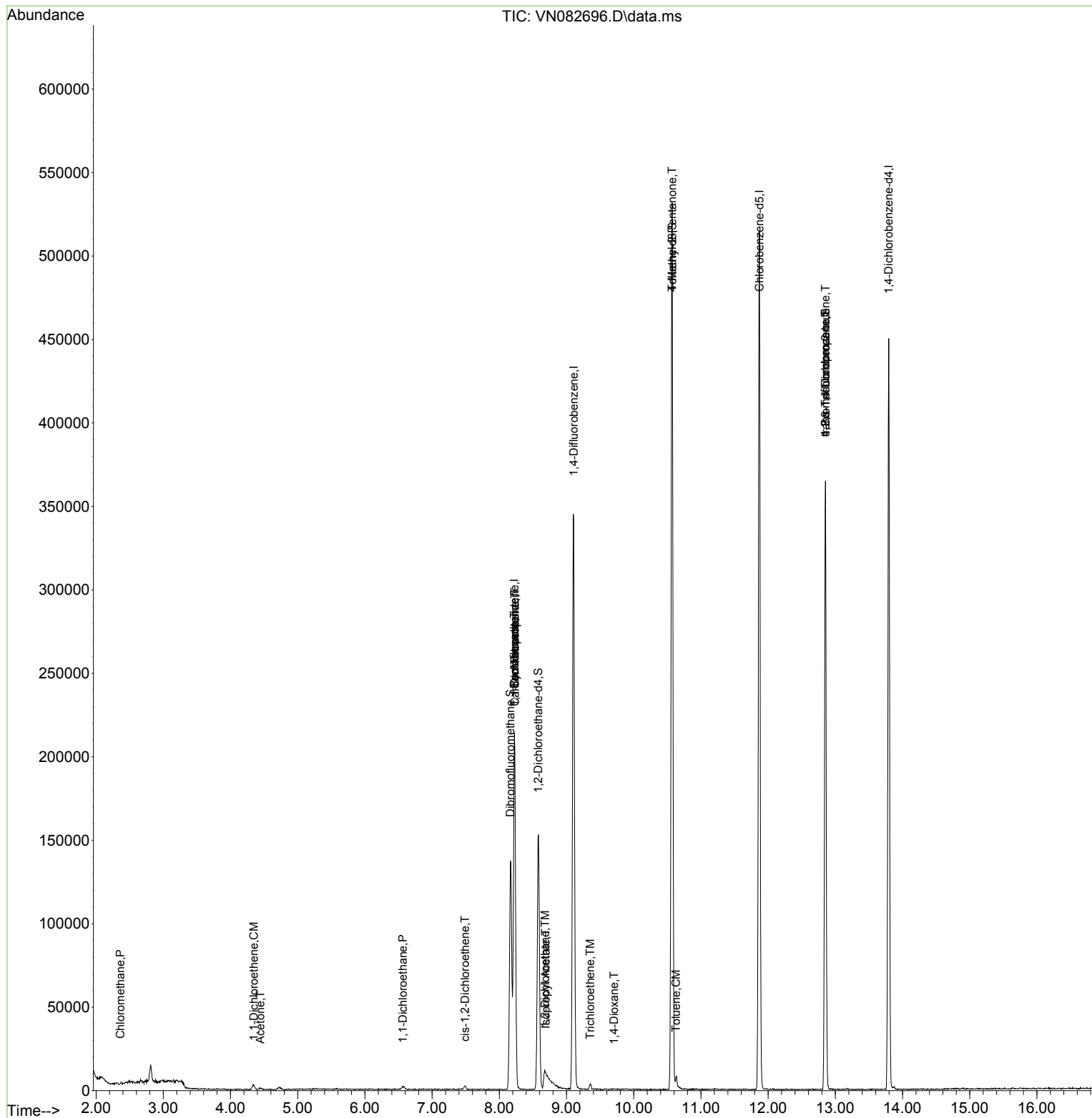
Internal Standards						
1) Pentafluorobenzene	8.224	168	147862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	274957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125660	52.995	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.980%		
35) Dibromofluoromethane	8.165	113	96096	51.221	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.440%		
50) Toluene-d8	10.571	98	343604	48.431	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.860%		
62) 4-Bromofluorobenzene	12.853	95	113498	46.401	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 92.800%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	631	0.255	ug/l #	43
12) 1,1-Dichloroethene	4.348	96	1726	1.048	ug/l #	69
16) Acetone	4.442	43	1831	1.698	ug/l #	75
24) 1,1-Dichloroethane	6.565	63	3466	0.948	ug/l #	83
27) cis-1,2-Dichloroethene	7.489	96	1336	0.634	ug/l	71
31) Cyclohexane	8.224	56	4158	1.215	ug/l #	52
36) 1,1-Dichloropropene	8.230	75	13876	4.948	ug/l #	53
38) Carbon Tetrachloride	8.230	117	15540	4.917	ug/l #	17
42) 1,2-Dichloroethane	8.683	62	1574	0.478	ug/l #	78
43) Isopropyl Acetate	8.688	43	9103	1.363	ug/l #	61
44) Trichloroethene	9.353	130	1325	0.658	ug/l	95
49) 1,4-Dioxane	9.706	88	128	2.973	ug/l #	35
51) 4-Methyl-2-Pentanone	10.571	43	2183	0.637	ug/l #	1
52) Toluene	10.630	92	2751	0.524	ug/l	91
76) 1,2,3-Trichloropropane	12.853	75	65712	23.734	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65712	56.782	ug/l #	6

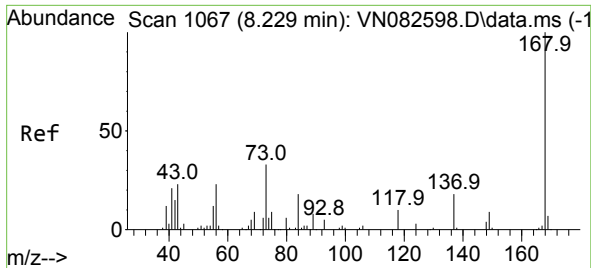
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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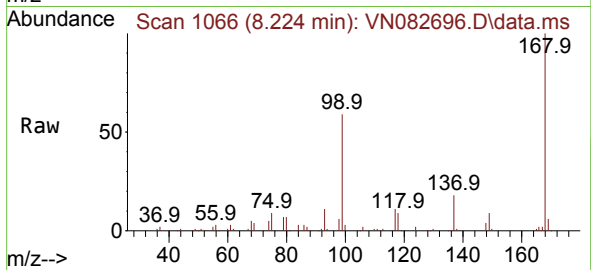
Quant Time: Jun 25 02:26:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
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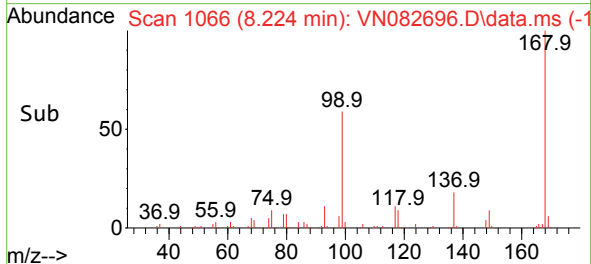
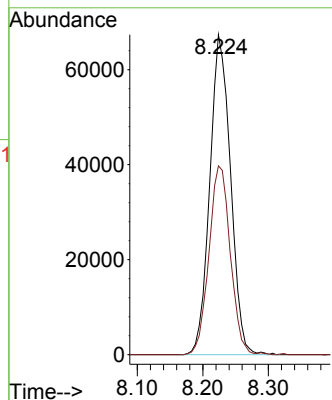


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082696.D
Acq: 24 Jun 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :

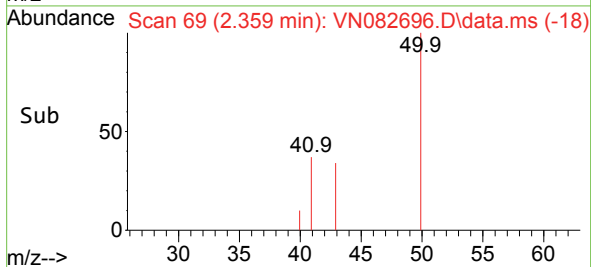
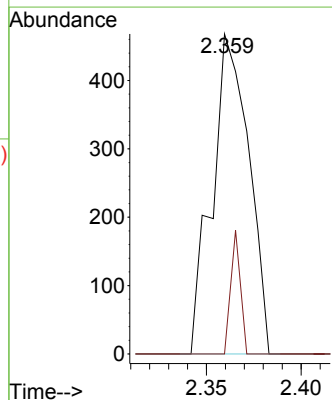
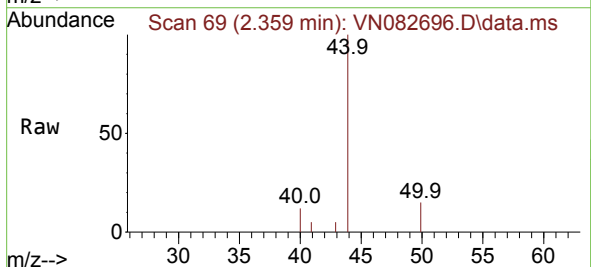


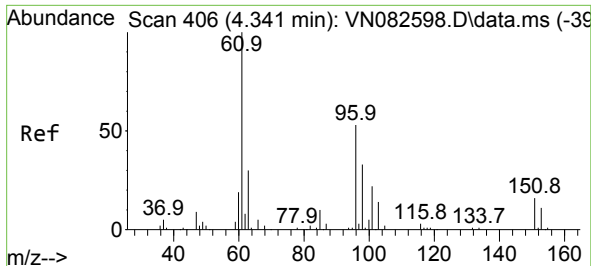
Tgt Ion:168 Resp: 147862
Ion Ratio Lower Upper
168 100
99 59.0 48.2 72.4



#3
Chloromethane
Concen: 0.255 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082696.D
Acq: 24 Jun 2024 12:55

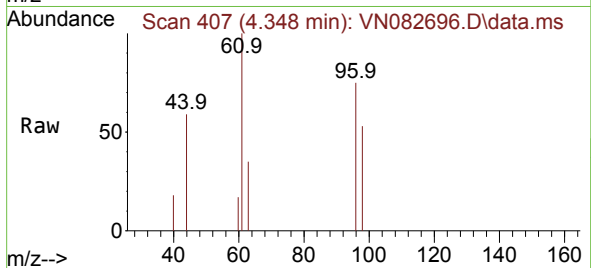
Tgt Ion: 50 Resp: 631
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



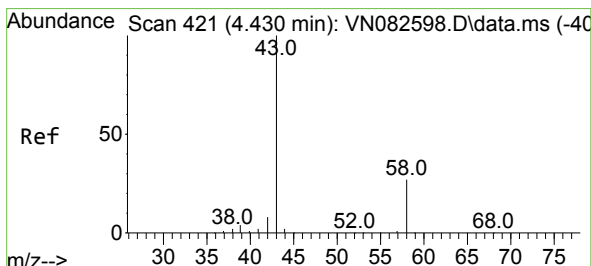
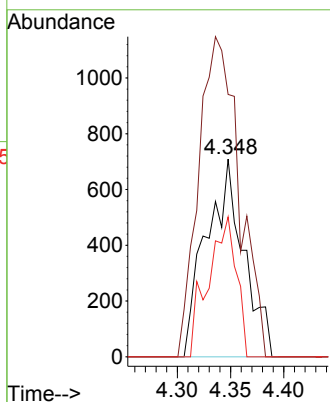
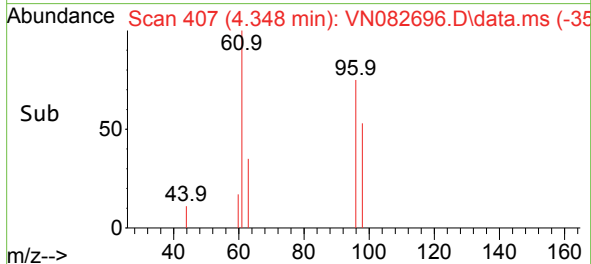


#12
 1,1-Dichloroethene
 Concen: 1.048 ug/l
 RT: 4.348 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN082696.D
 Acq: 24 Jun 2024 12:55

Instrument :
 MSVOA_N
 ClientSampleId :

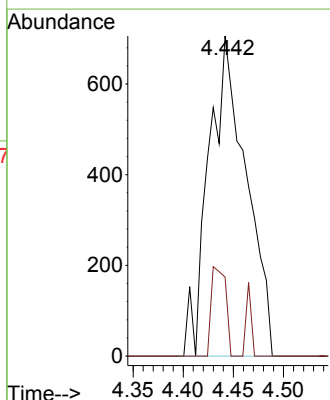
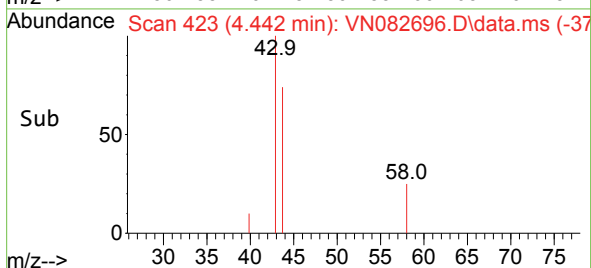
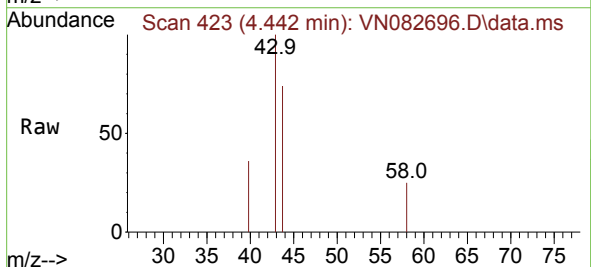


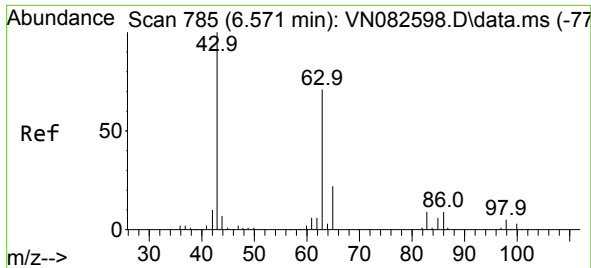
Tgt Ion: 96 Resp: 1726
 Ion Ratio Lower Upper
 96 100
 61 132.7 149.7 224.5#
 98 70.8 50.1 75.1



#16
 Acetone
 Concen: 1.698 ug/l
 RT: 4.442 min Scan# 423
 Delta R.T. 0.012 min
 Lab File: VN082696.D
 Acq: 24 Jun 2024 12:55

Tgt Ion: 43 Resp: 1831
 Ion Ratio Lower Upper
 43 100
 58 14.1 21.8 32.6#





#24

1,1-Dichloroethane

Concen: 0.948 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN082696.D

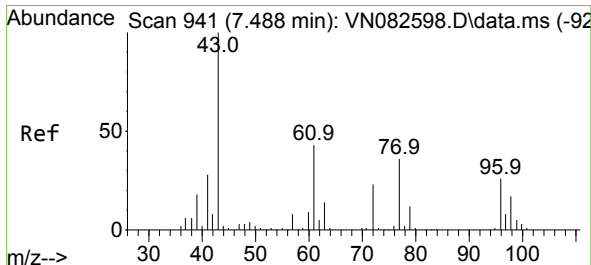
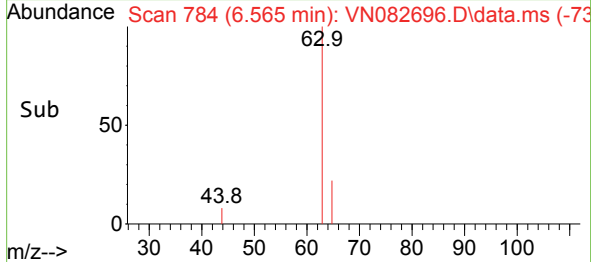
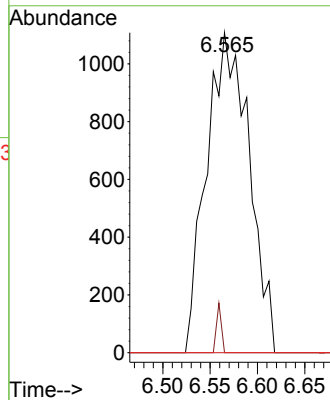
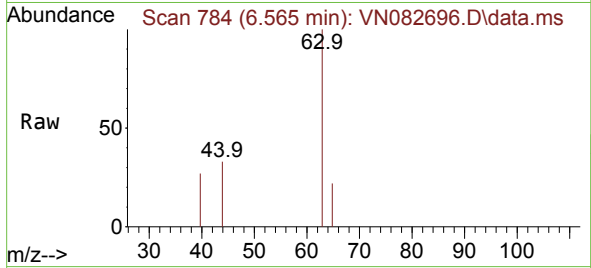
Acq: 24 Jun 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	3466
Ion Ratio	Lower	Upper	
63	100		
98	0.0	3.3	9.9#
100	0.0	2.0	6.0#



#27

cis-1,2-Dichloroethene

Concen: 0.634 ug/l

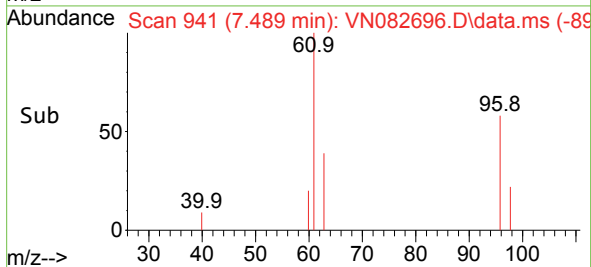
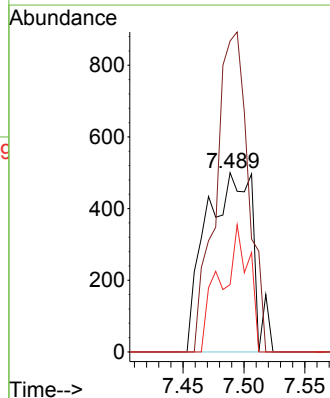
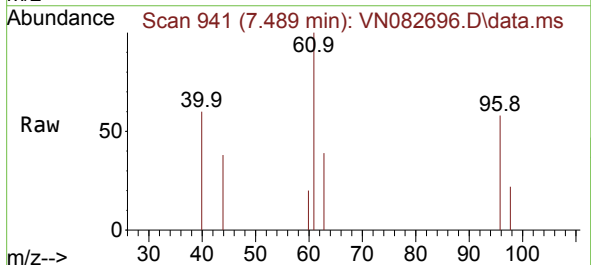
RT: 7.489 min Scan# 941

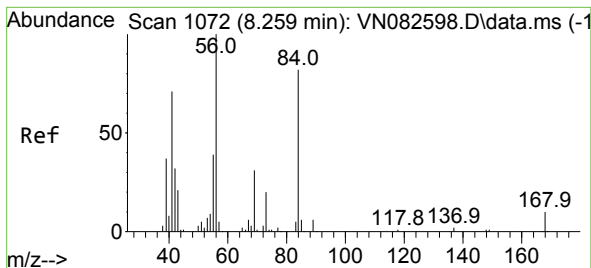
Delta R.T. 0.000 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

Tgt Ion:	96	Resp:	1336
Ion Ratio	Lower	Upper	
96	100		
61	124.6	0.0	329.6
98	42.8	0.0	128.6





#31

Cyclohexane

Concen: 1.215 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

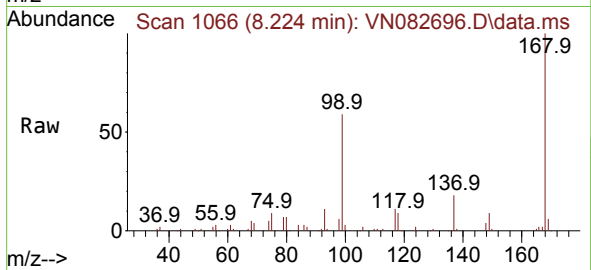
Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

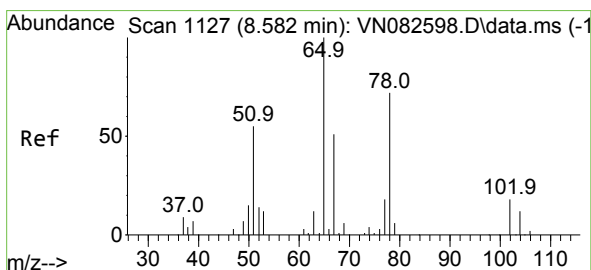
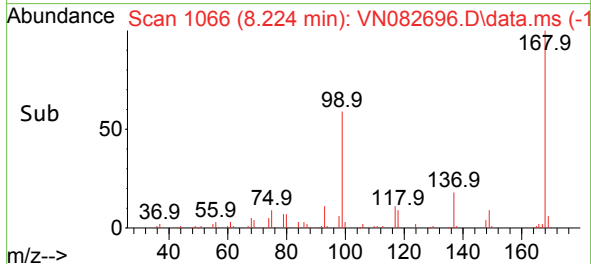
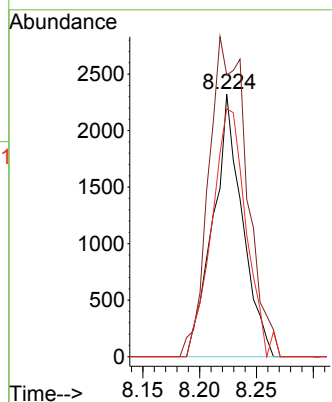
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 4158
Ion Ratio	Lower Upper
56	100
69	107.3 24.5 36.7#
84	94.4 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 52.995 ug/l

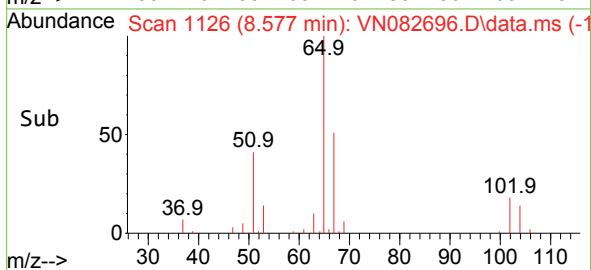
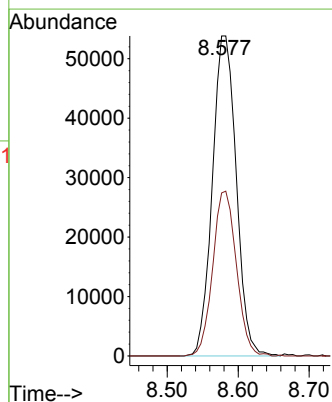
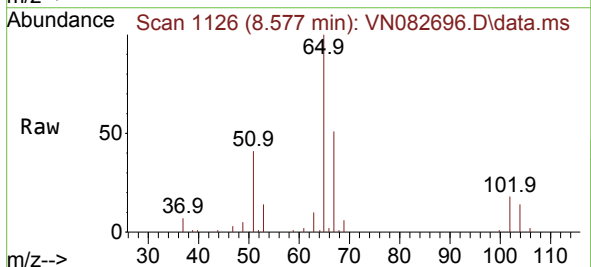
RT: 8.577 min Scan# 1126

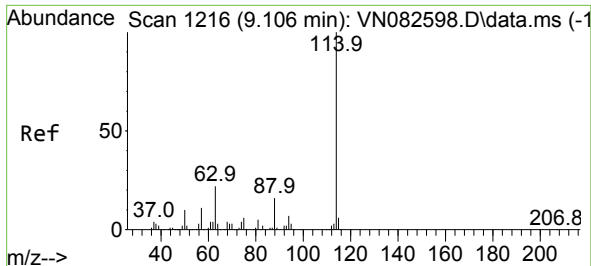
Delta R.T. -0.006 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

Tgt Ion: 65	Resp: 125660
Ion Ratio	Lower Upper
65	100
67	51.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

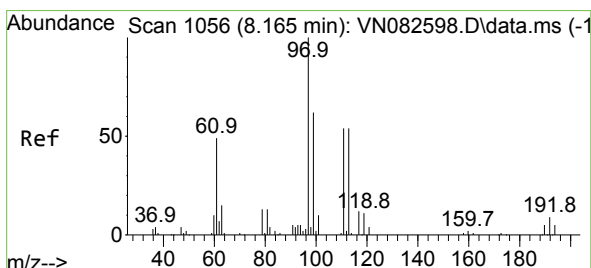
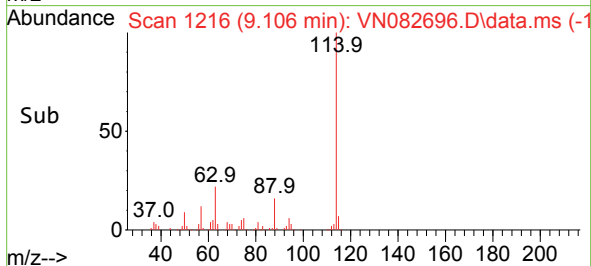
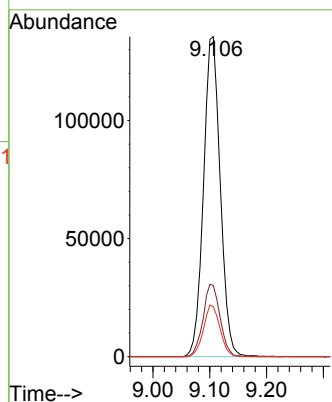
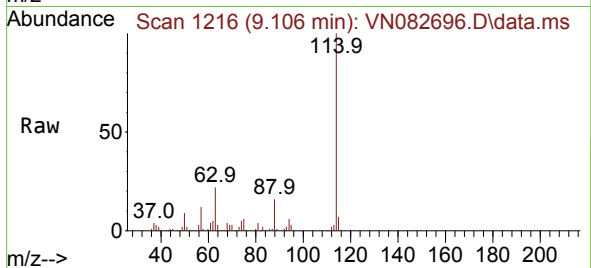
Tgt Ion:114 Resp: 276551

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.221 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

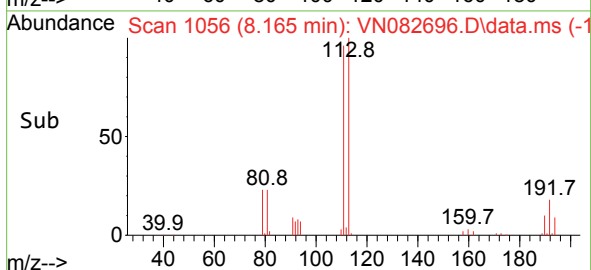
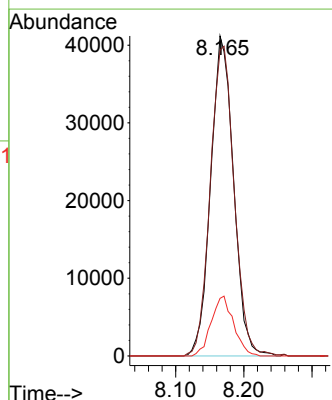
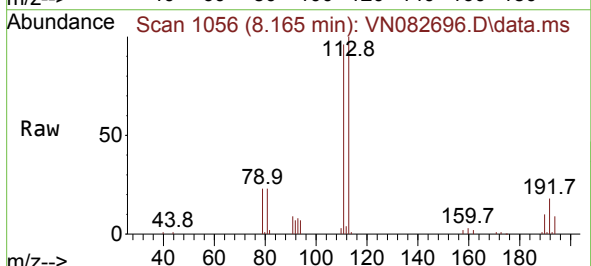
Tgt Ion:113 Resp: 96096

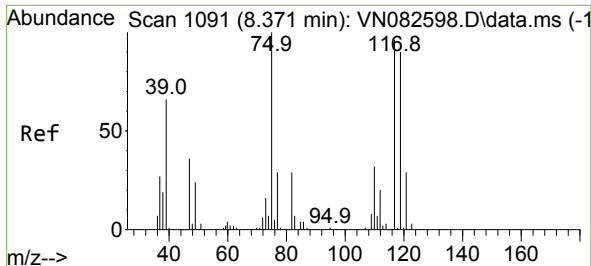
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

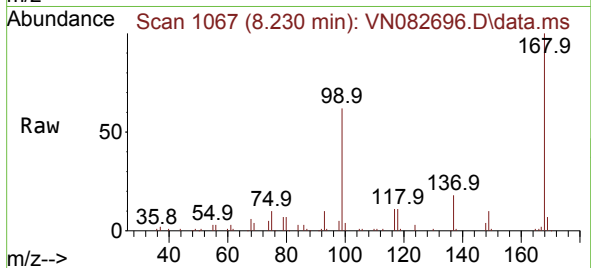
192 18.3 14.9 22.3



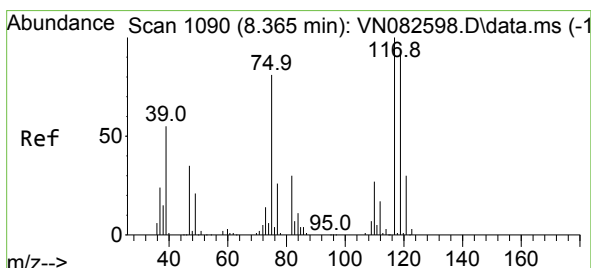
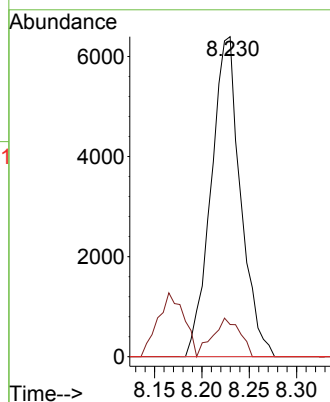
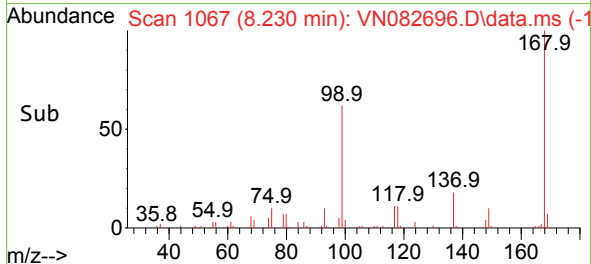


#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082696.D
Acq: 24 Jun 2024 12:55

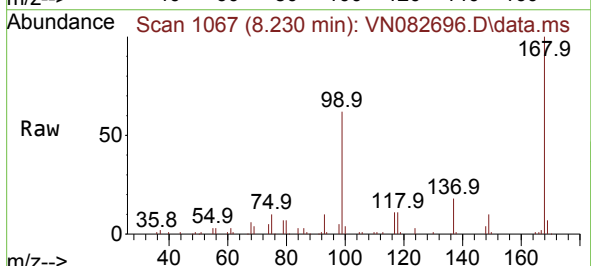
Instrument :
MSVOA_N
ClientSampleId :



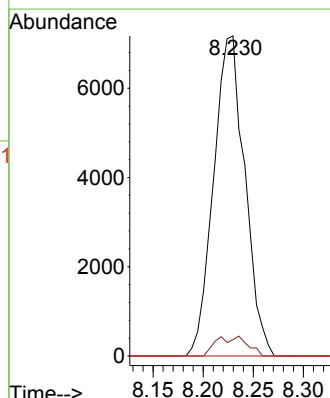
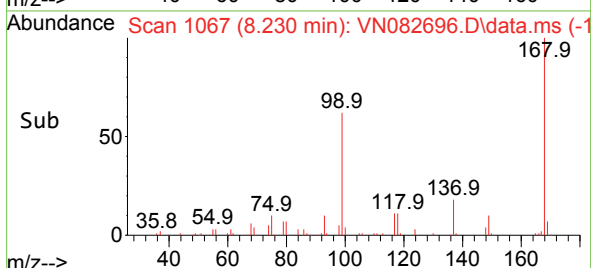
Tgt Ion: 75 Resp: 13876
Ion Ratio Lower Upper
75 100
110 11.0 16.3 48.9#
77 0.0 24.6 37.0#

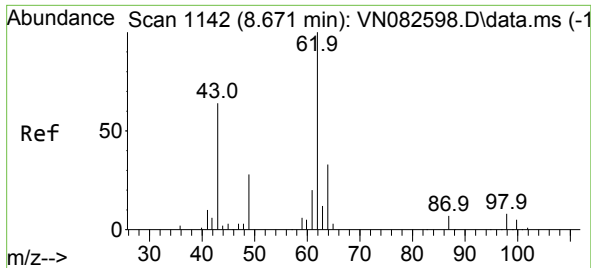


#38
Carbon Tetrachloride
Concen: 4.917 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082696.D
Acq: 24 Jun 2024 12:55



Tgt Ion: 117 Resp: 15540
Ion Ratio Lower Upper
117 100
119 5.1 74.9 112.3#
121 0.0 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 0.478 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

Instrument :

MSVOA_N

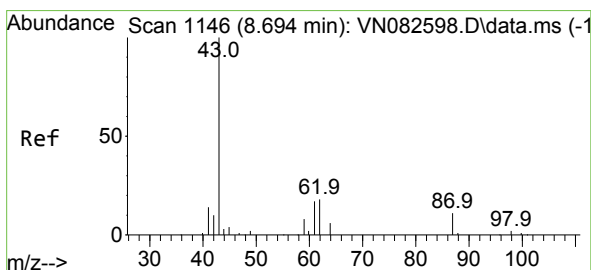
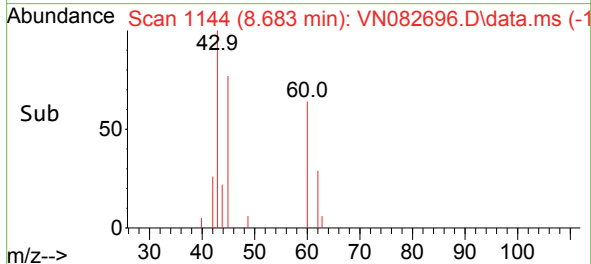
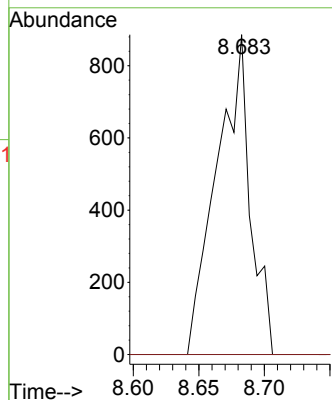
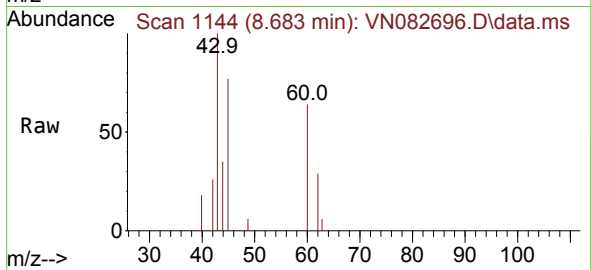
ClientSampleId :

Tgt Ion: 62 Resp: 1574

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 1.363 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

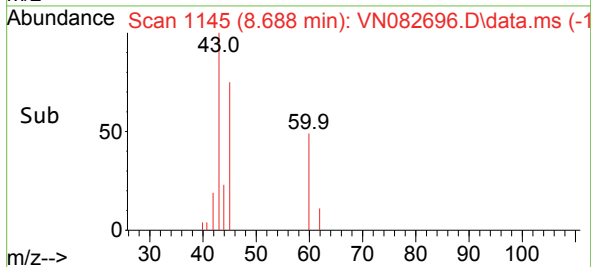
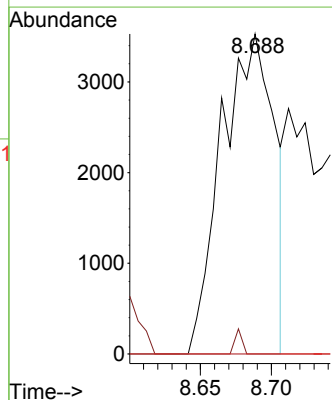
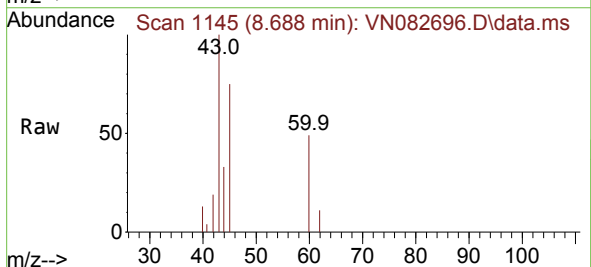
Tgt Ion: 43 Resp: 9103

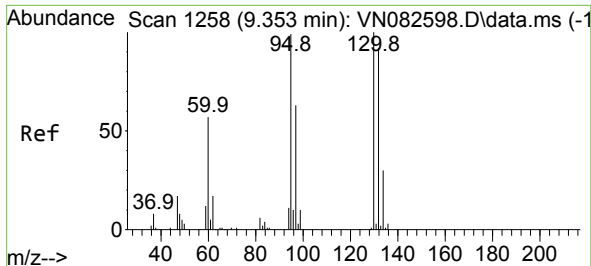
Ion Ratio Lower Upper

43 100

61 1.1 17.8 26.6#

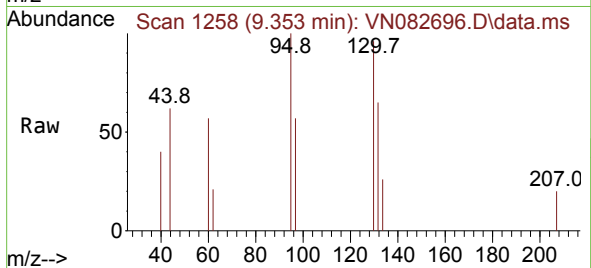
87 0.0 8.2 12.2#



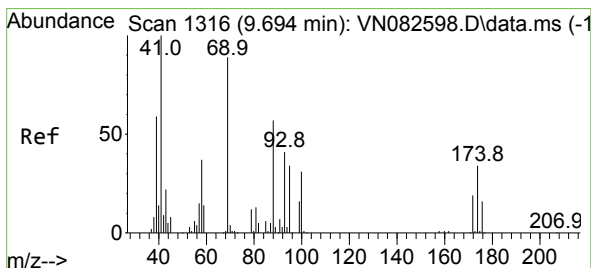
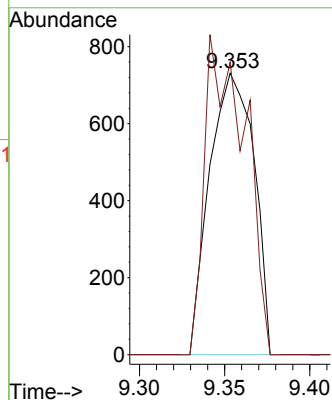
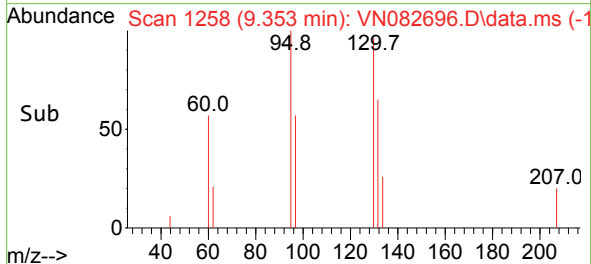


#44
Trichloroethene
Concen: 0.658 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082696.D
Acq: 24 Jun 2024 12:55

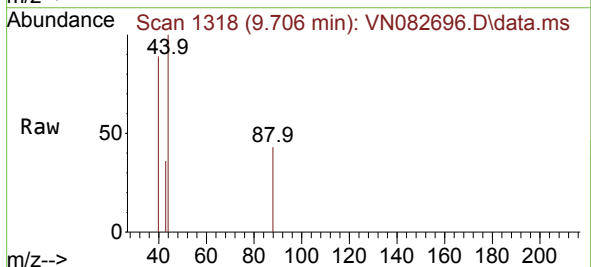
Instrument :
MSVOA_N
ClientSampleId :



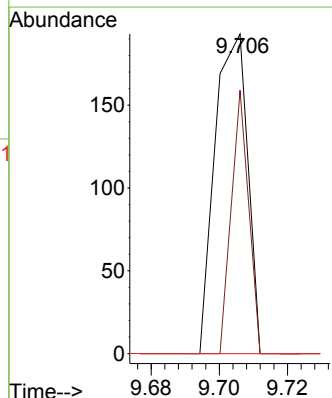
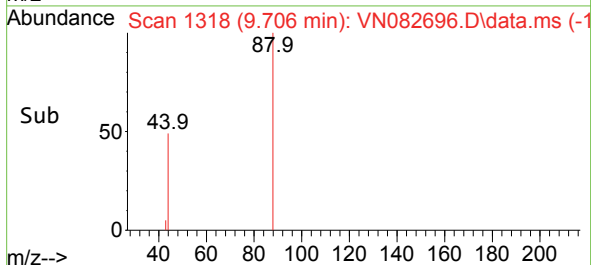
Tgt Ion:130 Resp: 1325
Ion Ratio Lower Upper
130 100
95 103.8 0.0 197.8

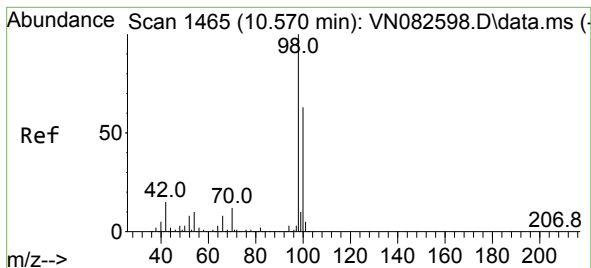


#49
1,4-Dioxane
Concen: 2.973 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN082696.D
Acq: 24 Jun 2024 12:55



Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
43 43.8 27.8 41.8#
58 0.0 59.4 89.0#





#50

Toluene-d8

Concen: 48.431 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

Instrument :

MSVOA_N

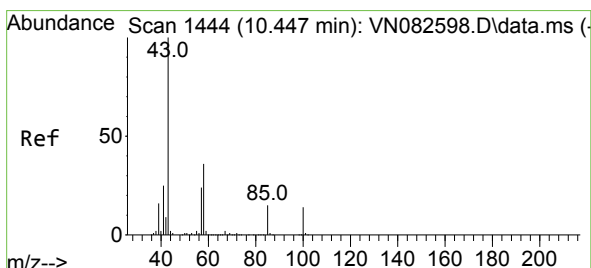
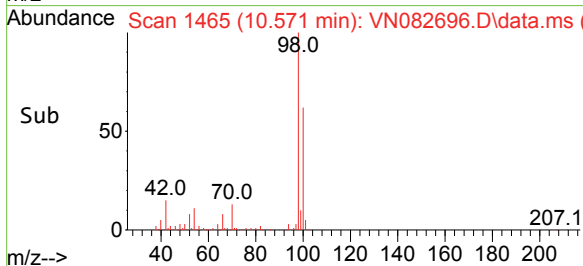
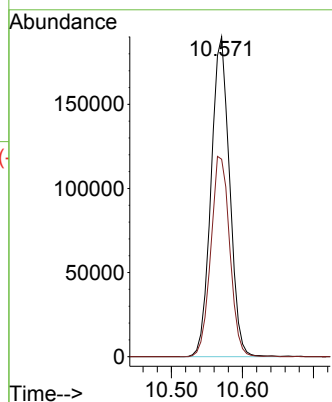
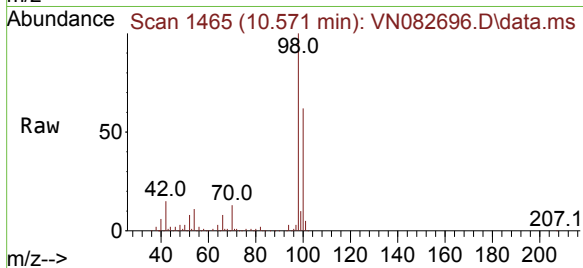
ClientSampleId :

Tgt Ion: 98 Resp: 343604

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.637 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.124 min

Lab File: VN082696.D

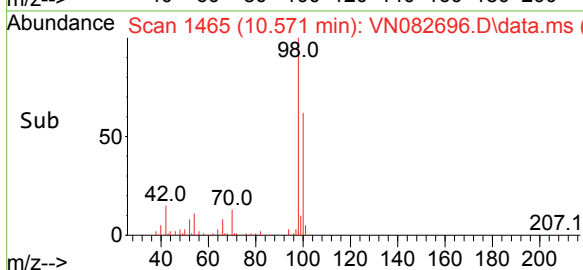
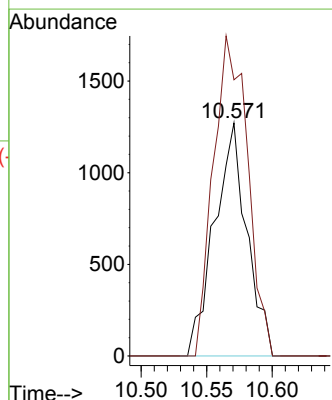
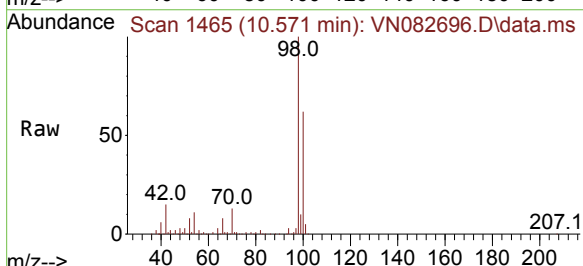
Acq: 24 Jun 2024 12:55

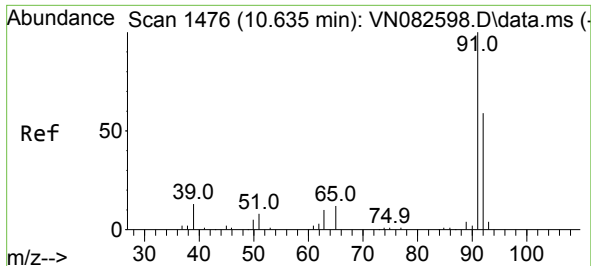
Tgt Ion: 43 Resp: 2183

Ion Ratio Lower Upper

43 100

58 145.4 28.2 42.4#

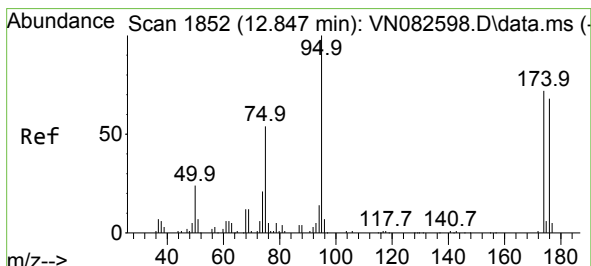
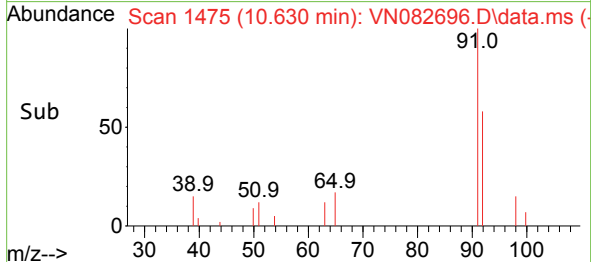
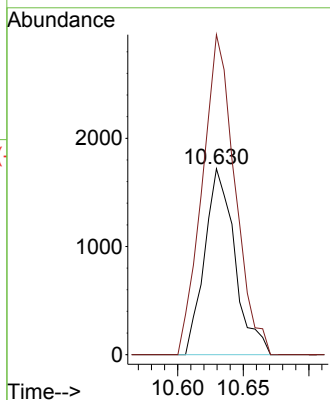
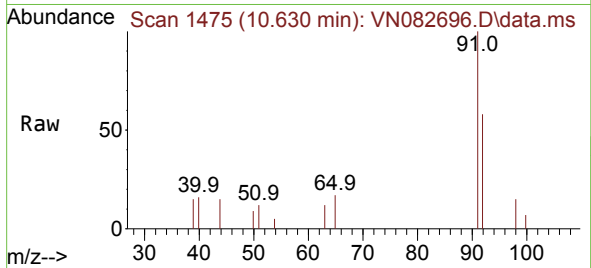




#52
Toluene
Concen: 0.524 ug/l
RT: 10.630 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN082696.D
Acq: 24 Jun 2024 12:55

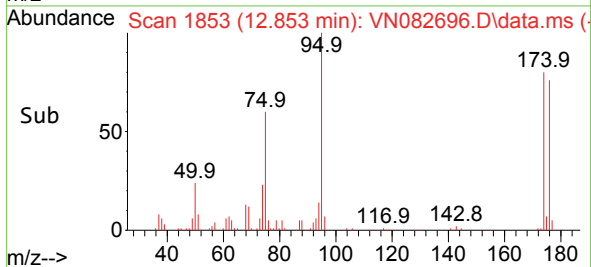
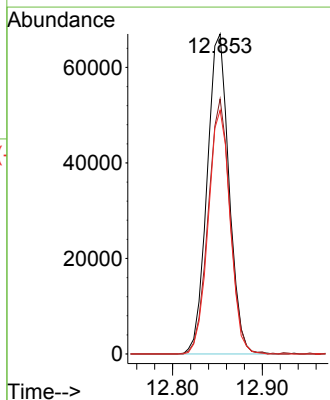
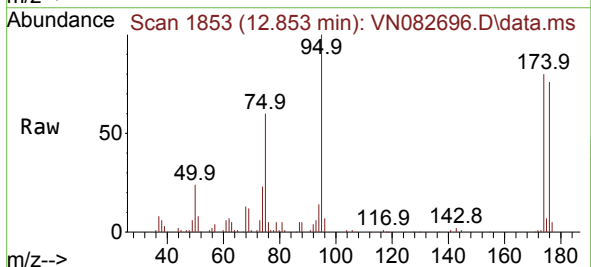
Instrument :
MSVOA_N
ClientSampleId :

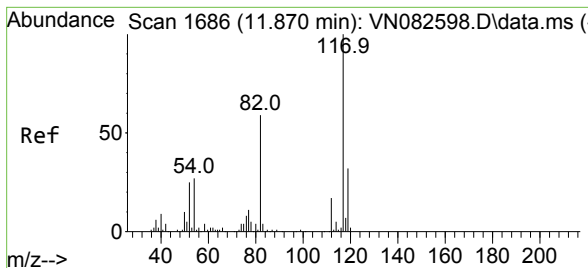
Tgt Ion: 92 Resp: 2751
Ion Ratio Lower Upper
92 100
91 186.7 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.401 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082696.D
Acq: 24 Jun 2024 12:55

Tgt Ion: 95 Resp: 113498
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.2
176 76.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

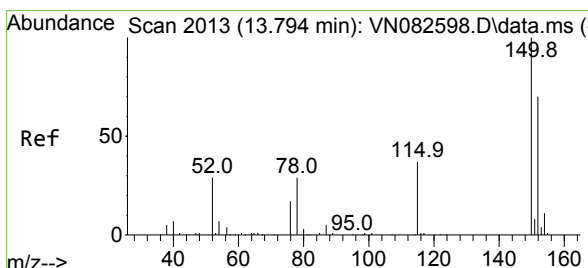
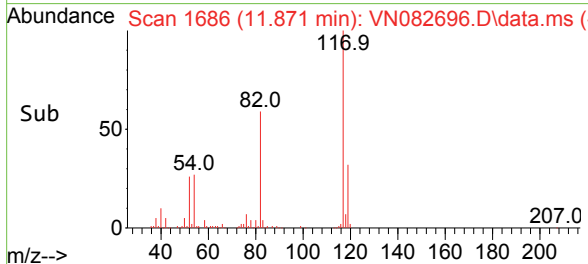
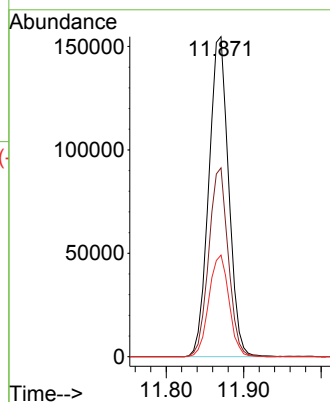
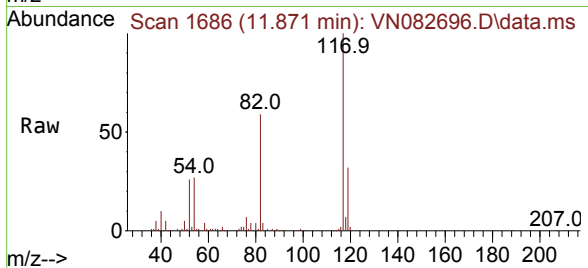
Tgt Ion:117 Resp: 274957

Ion Ratio Lower Upper

117 100

82 59.0 47.5 71.3

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

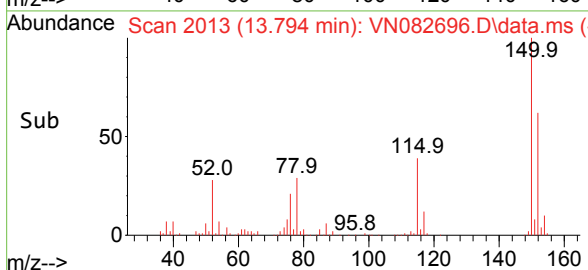
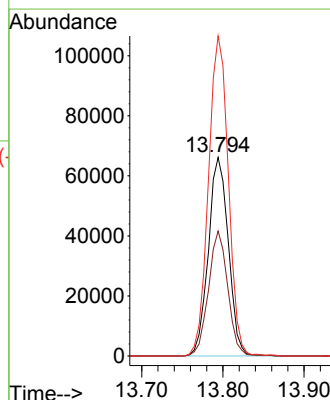
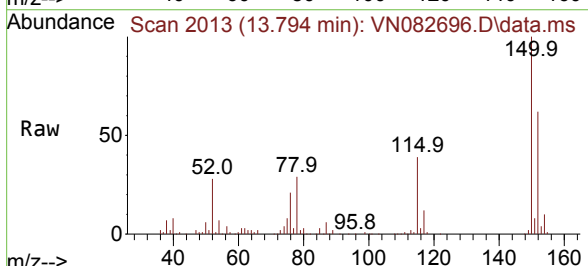
Tgt Ion:152 Resp: 113199

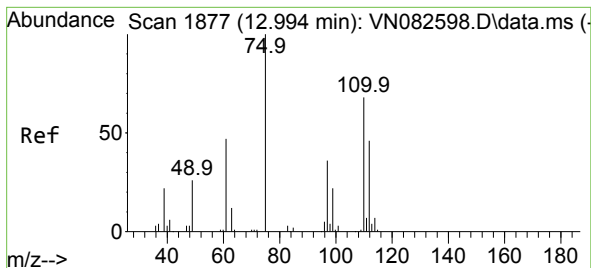
Ion Ratio Lower Upper

152 100

115 60.6 30.6 91.6

150 159.9 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 23.734 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

Instrument :

MSVOA_N

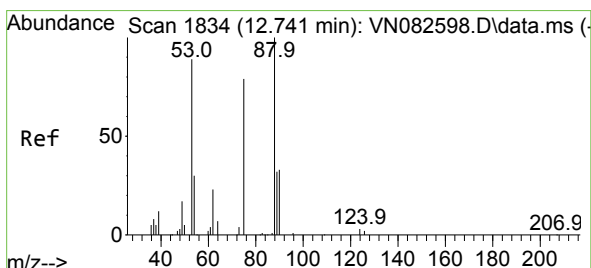
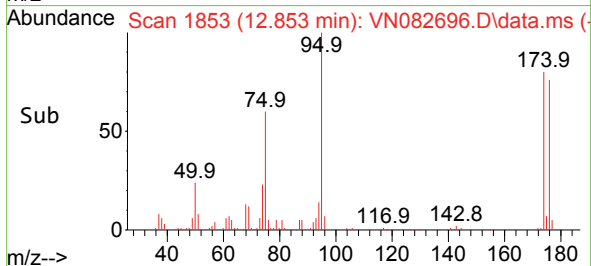
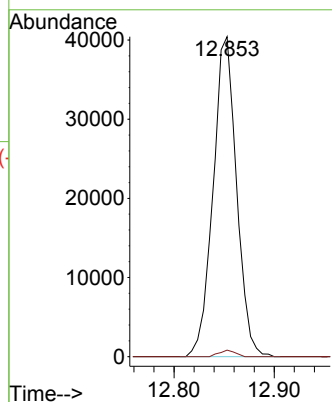
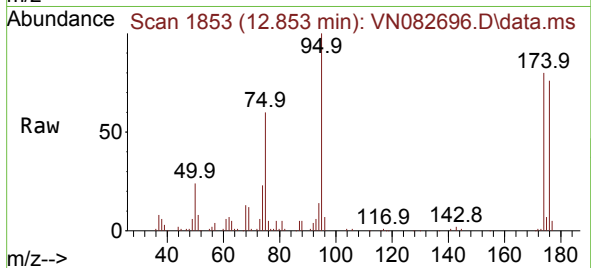
ClientSampleId :

Tgt Ion: 75 Resp: 65712

Ion Ratio Lower Upper

75 100

77 1.4 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.782 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082696.D

Acq: 24 Jun 2024 12:55

Tgt Ion: 75 Resp: 65712

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

