

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080696.D
 Acq On : 12 Jan 2024 17:42
 Operator : JC\MD
 Sample : P1111-02
 Misc : 2.95g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 22:16:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

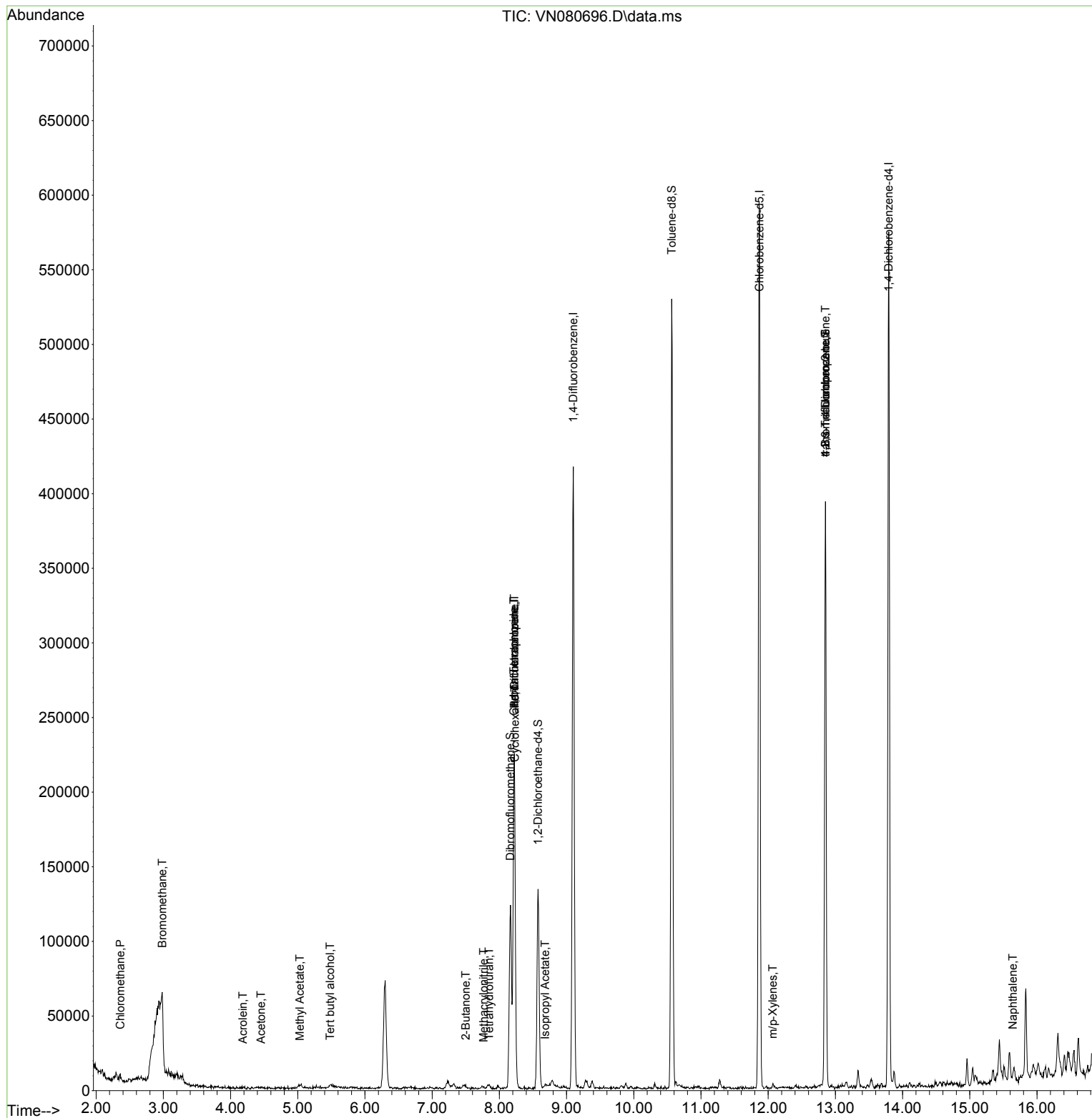
Internal Standards						
1) Pentafluorobenzene	8.224	168	148145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	319504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	105559	40.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.140%
35) Dibromofluoromethane	8.165	113	86309	45.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.320%
50) Toluene-d8	10.565	98	350034	48.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.853	95	138160	49.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	5190	1.291	ug/l #	36
5) Bromomethane	2.983	94	976	1.176	ug/l #	32
6) Chloroethane	3.112	64	61	Below Cal	#	43
11) Tert butyl alcohol	5.483	59	1490	3.387	ug/l #	72
13) Acrolein	4.183	56	220	0.598	ug/l #	68
16) Acetone	4.453	43	1434	1.679	ug/l #	40
18) Methyl Acetate	5.030	43	3506	1.378	ug/l #	78
25) 2-Butanone	7.500	43	3029	1.962	ug/l #	65
29) Tetrahydrofuran	7.847	42	1232	1.184	ug/l #	44
31) Cyclohexane	8.229	56	6792	1.690	ug/l #	33
36) 1,1-Dichloropropene	8.224	75	15362	3.967	ug/l #	47
38) Carbon Tetrachloride	8.218	117	17881	5.143	ug/l #	12
41) Methacrylonitrile	7.765	41	497	0.228	ug/l #	15
43) Isopropyl Acetate	8.682	43	1715	0.248	ug/l #	49
68) m/p-Xylenes	12.070	106	1038	0.222	ug/l #	71
76) 1,2,3-Trichloropropane	12.853	75	76224	18.294	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	76224	43.126	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.488	75	73	Below Cal	#	4
95) Naphthalene	15.641	128	4247	0.451	ug/l #	81

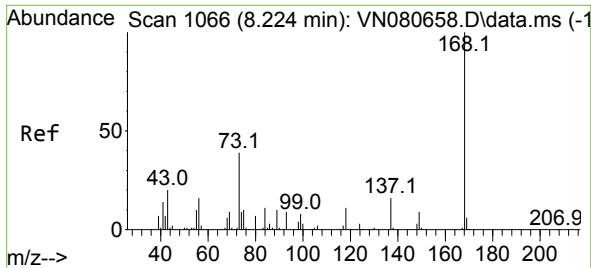
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

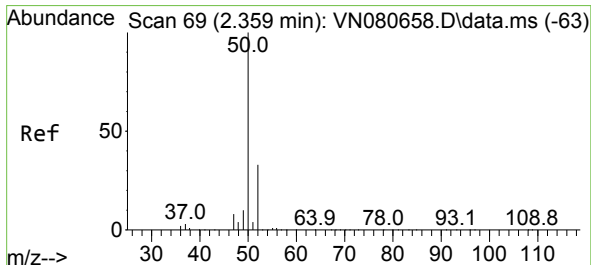
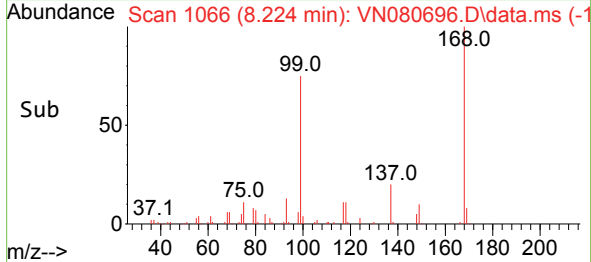
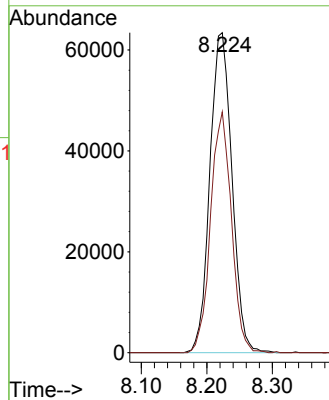
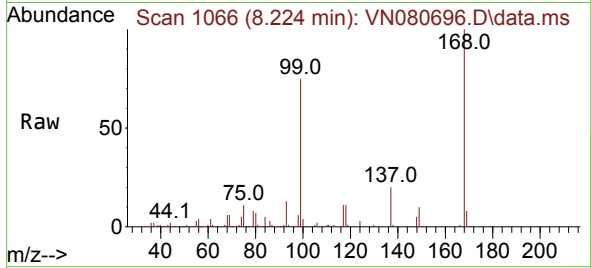




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

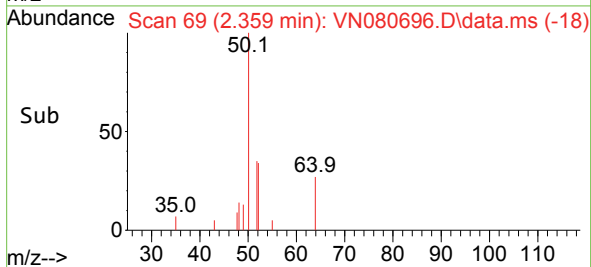
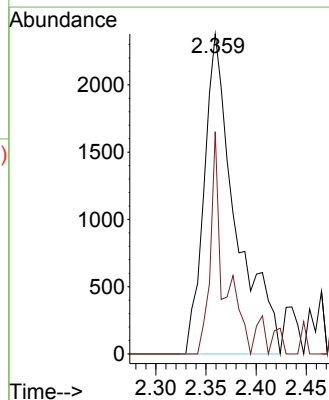
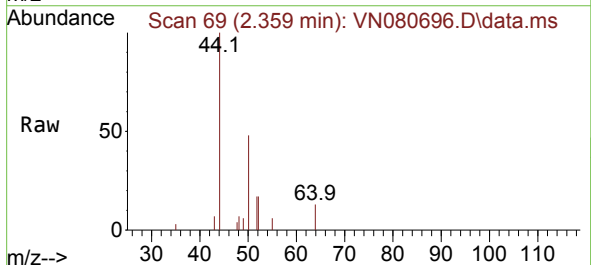
Instrument :
MSVOA_N
ClientSampleId :

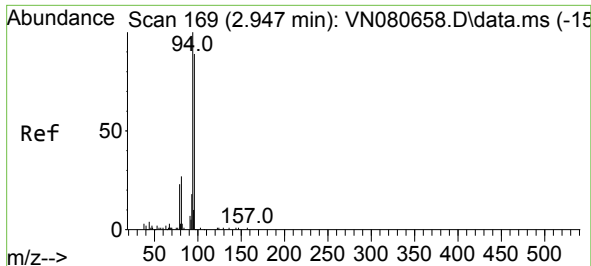
Tgt Ion:168 Resp: 148145
Ion Ratio Lower Upper
168 100
99 75.2 53.0 79.6



#3
Chloromethane
Concen: 1.291 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Tgt Ion: 50 Resp: 5190
Ion Ratio Lower Upper
50 100
52 69.5 26.5 39.7#

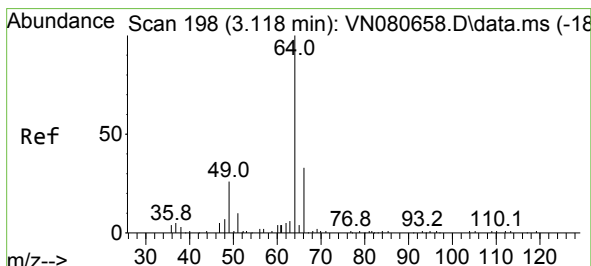
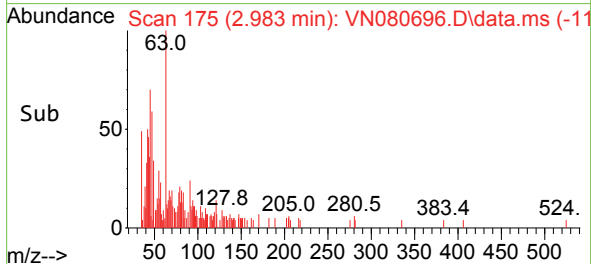
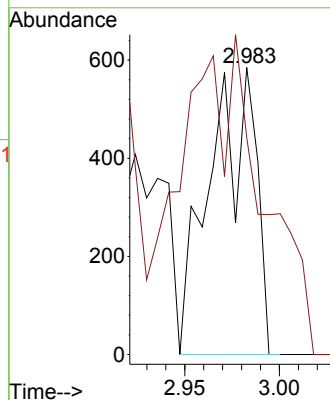
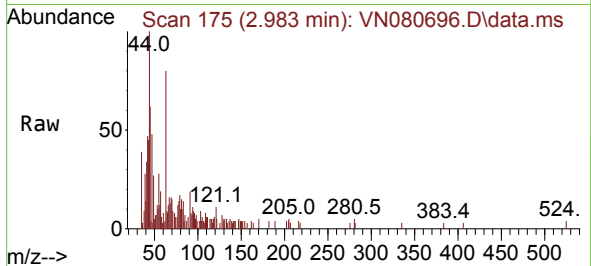




#5
Bromomethane
Concen: 1.176 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

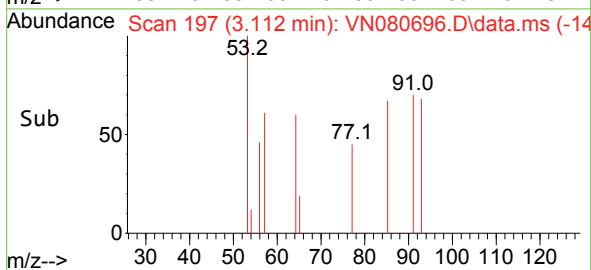
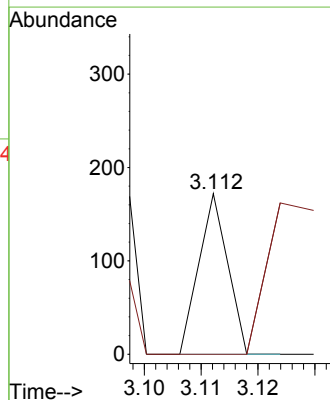
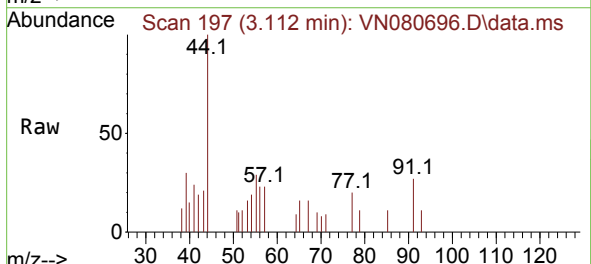
Instrument :
MSVOA_N
ClientSampleId :

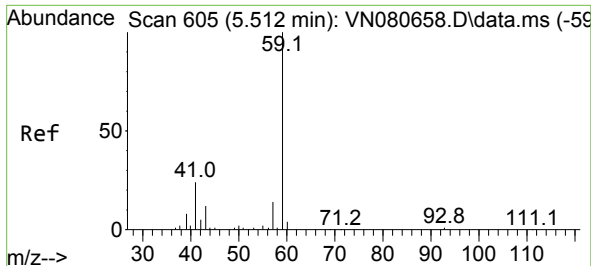
Tgt Ion: 94 Resp: 976
Ion Ratio Lower Upper
94 100
96 26.5 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

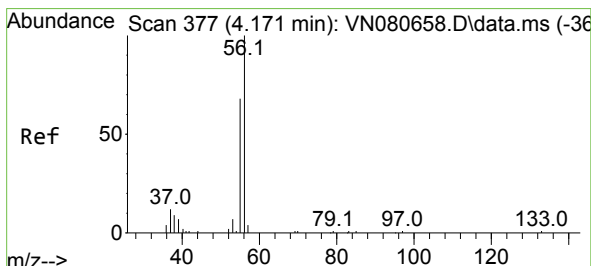
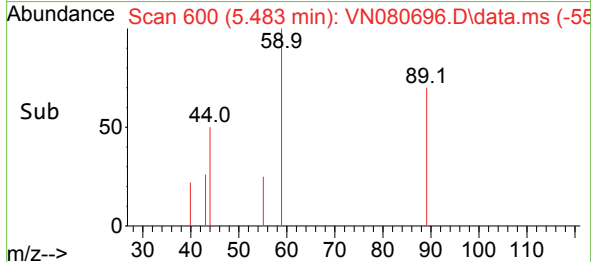
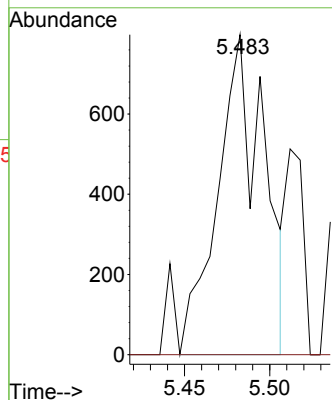
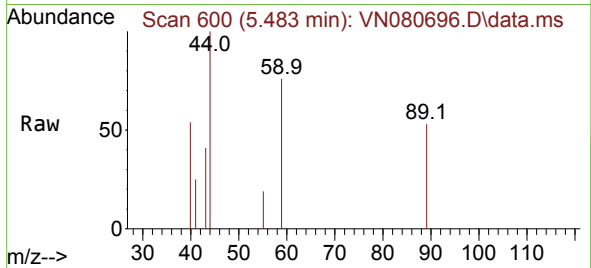




#11
Tert butyl alcohol
Concen: 3.387 ug/l
RT: 5.483 min Scan# 60
Delta R.T. -0.029 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

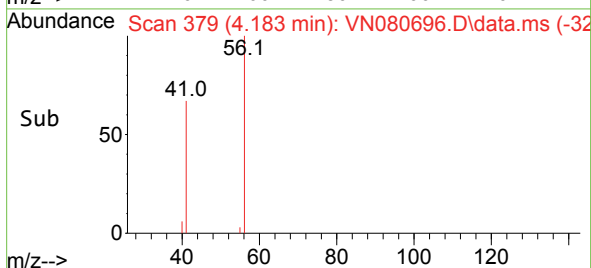
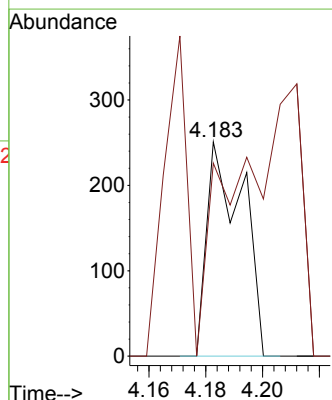
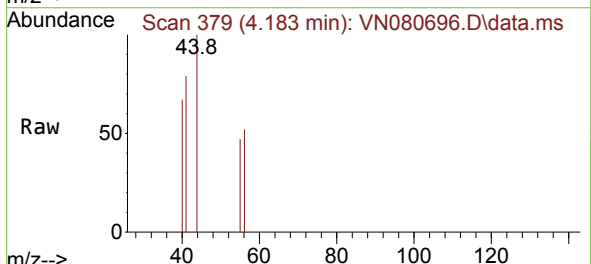
Instrument :
MSVOA_N
ClientSampleId :

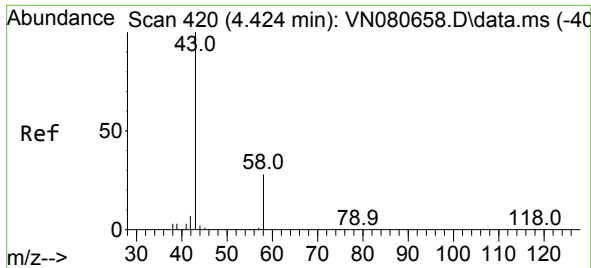
Tgt Ion: 59 Resp: 1490
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.598 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Tgt Ion: 56 Resp: 220
Ion Ratio Lower Upper
56 100
55 94.1 54.5 81.7#





#16

Acetone

Concen: 1.679 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.029 min

Lab File: VN080696.D

Acq: 12 Jan 2024 17:42

Instrument :

MSVOA_N

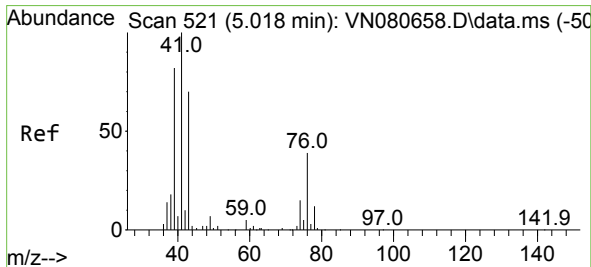
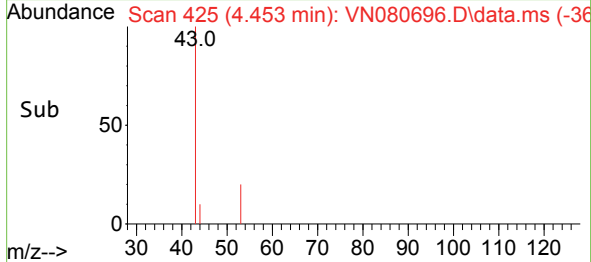
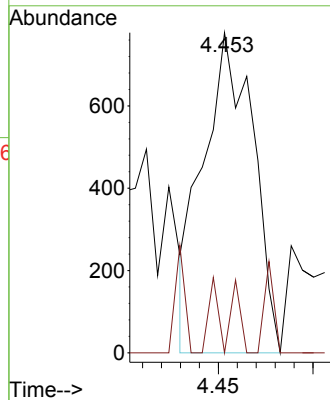
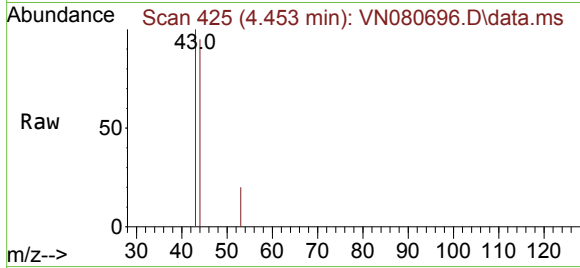
ClientSampleId :

Tgt Ion: 43 Resp: 1434

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#18

Methyl Acetate

Concen: 1.378 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN080696.D

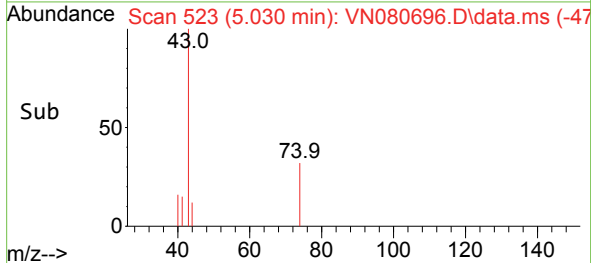
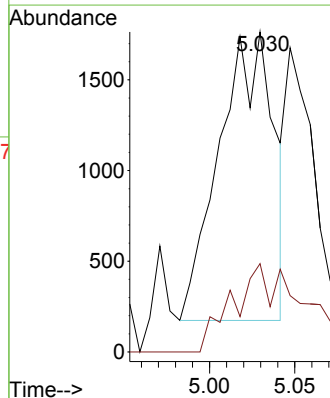
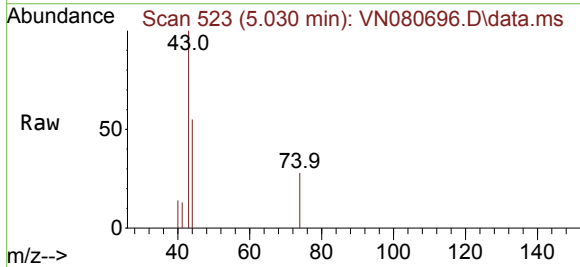
Acq: 12 Jan 2024 17:42

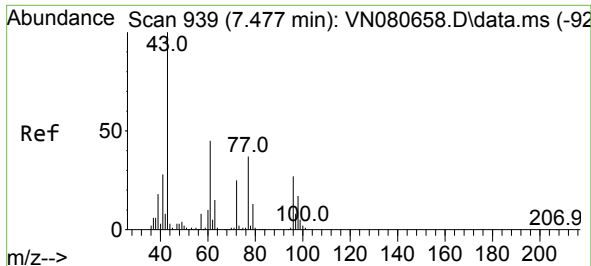
Tgt Ion: 43 Resp: 3506

Ion Ratio Lower Upper

43 100

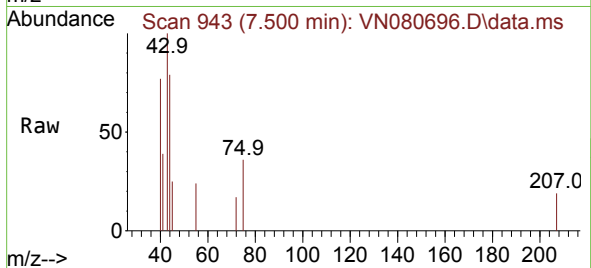
74 20.5 26.2 39.4#



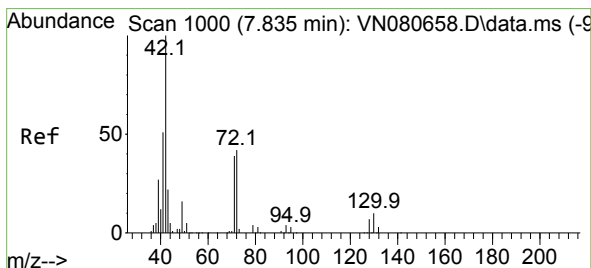
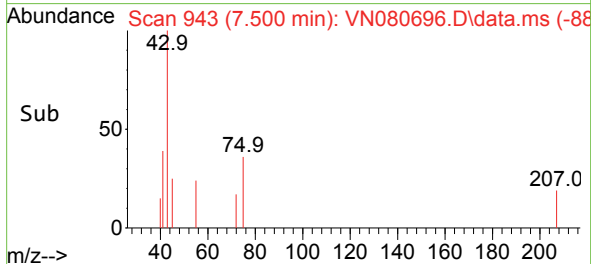
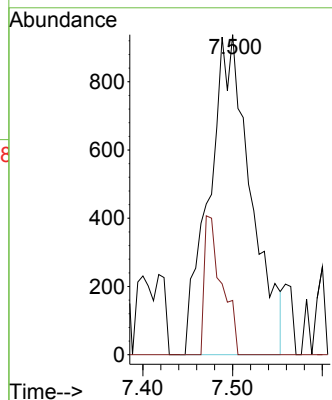


#25
2-Butanone
Concen: 1.962 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.023 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :

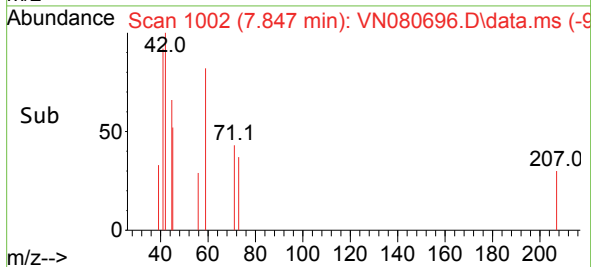
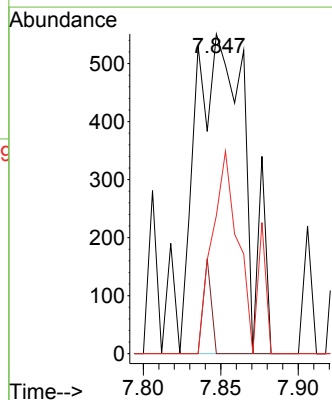
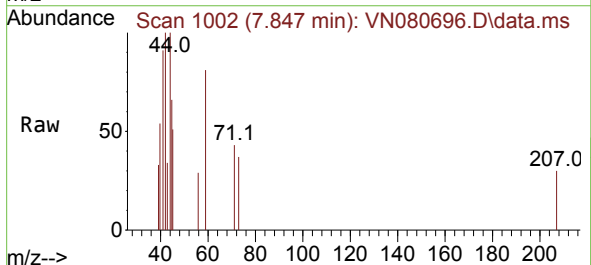


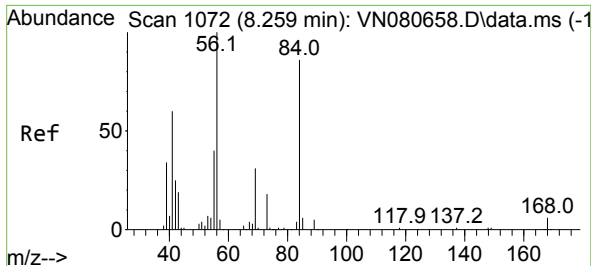
Tgt Ion: 43 Resp: 3029
Ion Ratio Lower Upper
43 100
72 17.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 1.184 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

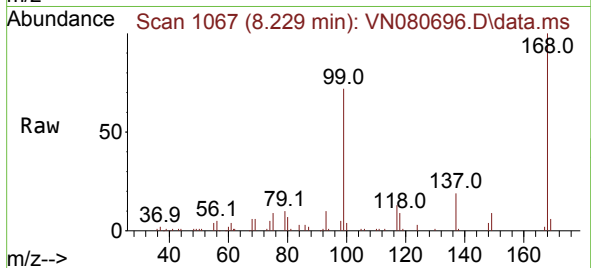
Tgt Ion: 42 Resp: 1232
Ion Ratio Lower Upper
42 100
72 4.7 49.8 74.6#
71 32.3 47.4 71.2#



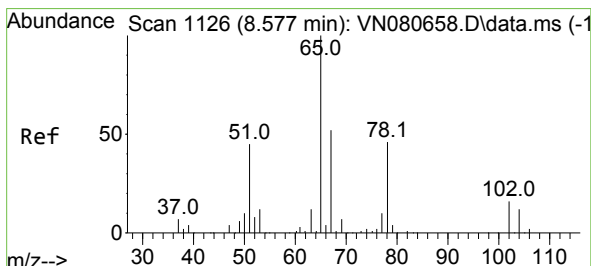
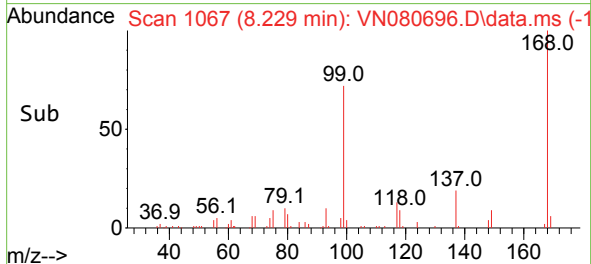
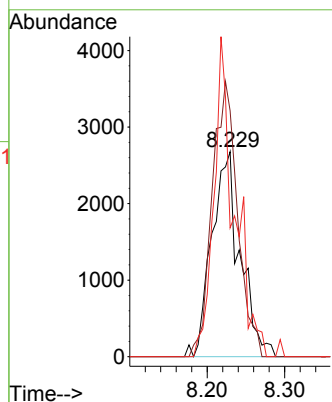


#31
Cyclohexane
Concen: 1.690 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :

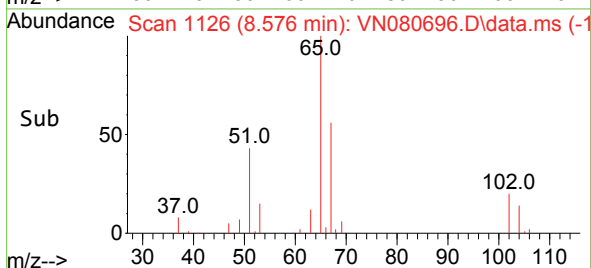
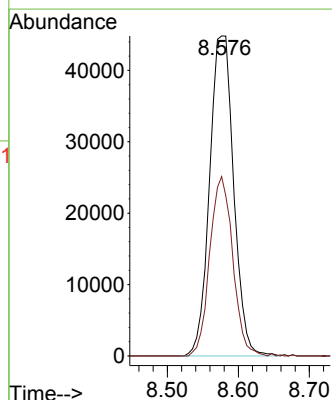
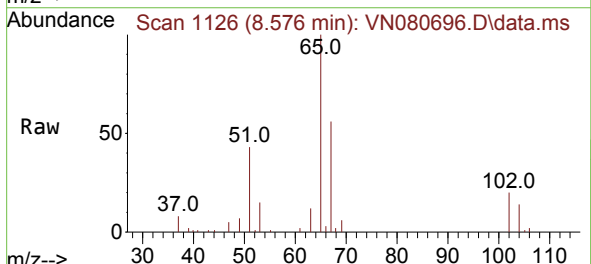


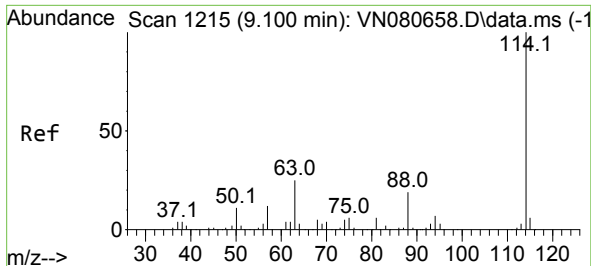
Tgt Ion: 56 Resp: 6792
Ion Ratio Lower Upper
56 100
69 120.0 26.8 40.2#
84 62.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 40.575 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Tgt Ion: 65 Resp: 105559
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6

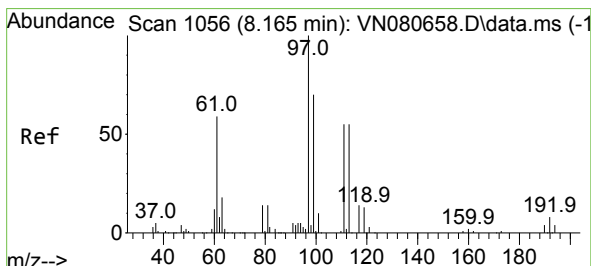
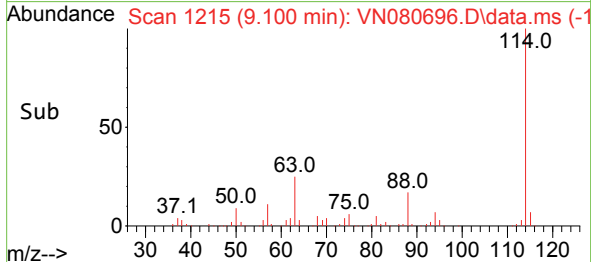
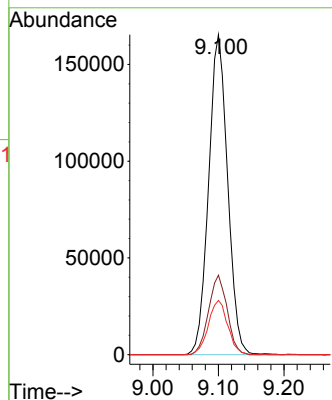
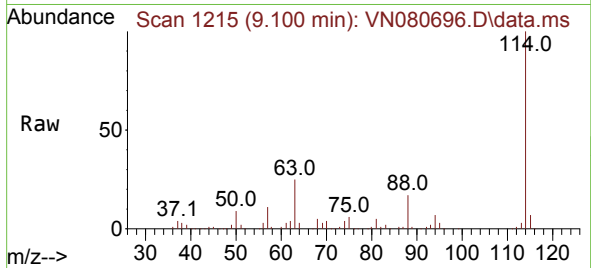




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

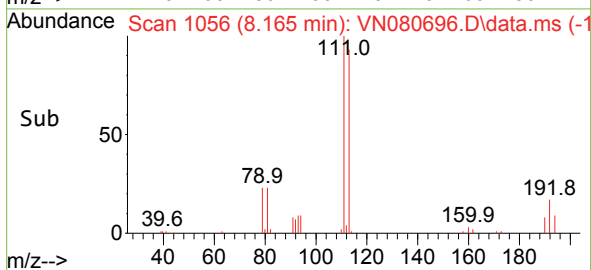
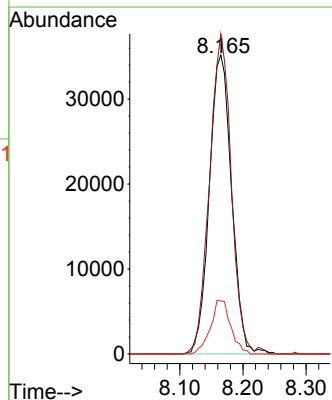
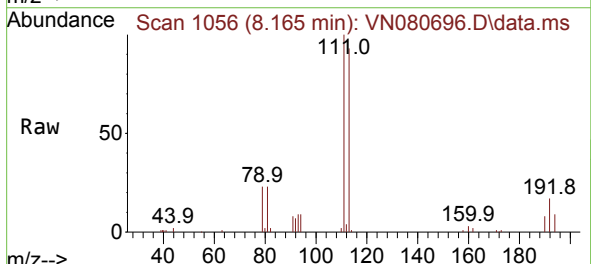
Instrument :
MSVOA_N
ClientSampleId :

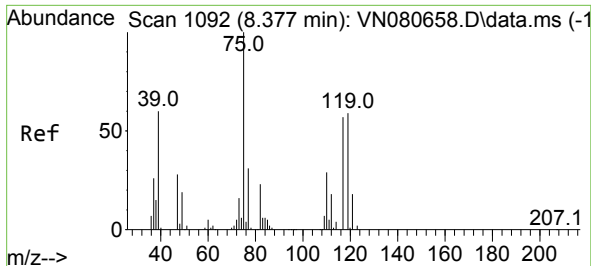
Tgt Ion:114 Resp: 332707
Ion Ratio Lower Upper
114 100
63 24.9 0.0 36.4
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.657 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Tgt Ion:113 Resp: 86309
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.3 12.7 19.1





#36

1,1-Dichloropropene

Concen: 3.967 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

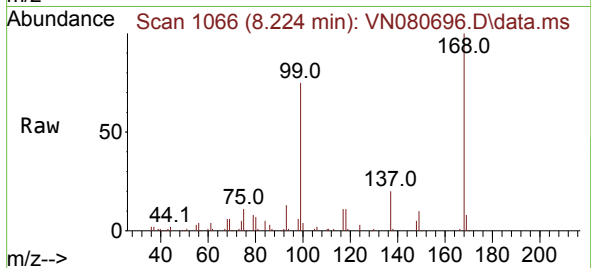
Lab File: VN080696.D

Acq: 12 Jan 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :



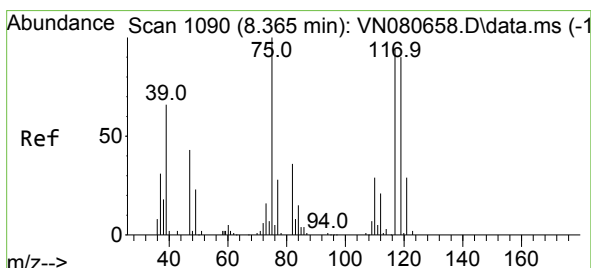
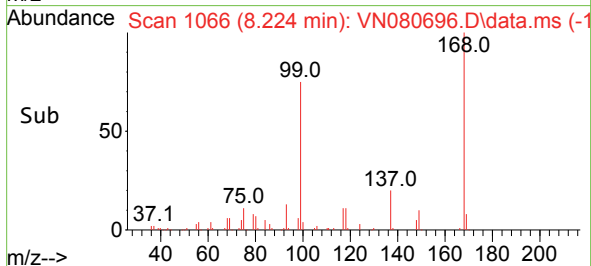
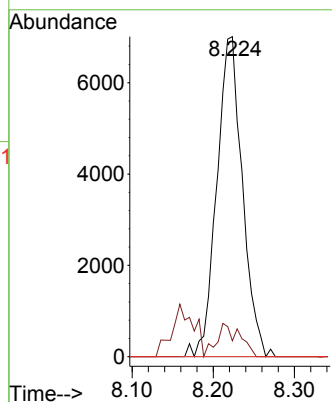
Tgt Ion: 75 Resp: 15362

Ion Ratio Lower Upper

75 100

110 8.1 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.143 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN080696.D

Acq: 12 Jan 2024 17:42

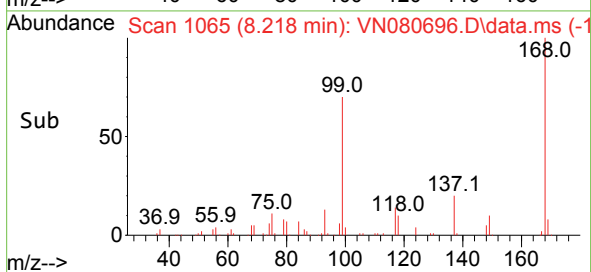
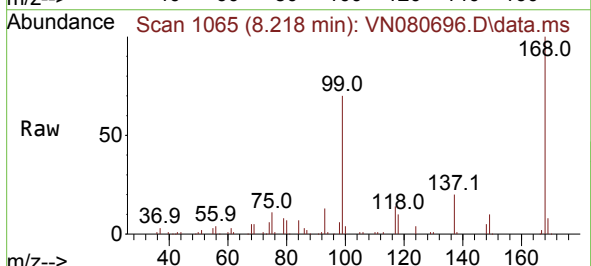
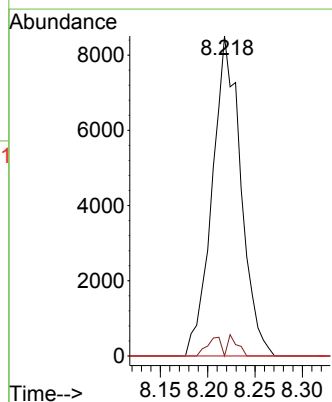
Tgt Ion: 117 Resp: 17881

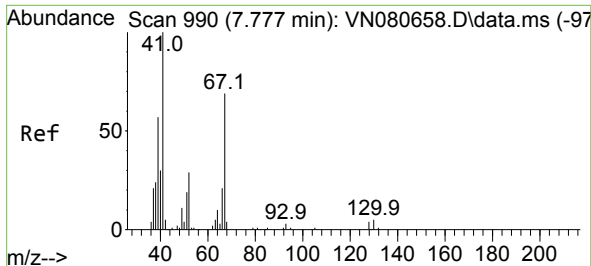
Ion Ratio Lower Upper

117 100

119 0.0 77.3 115.9#

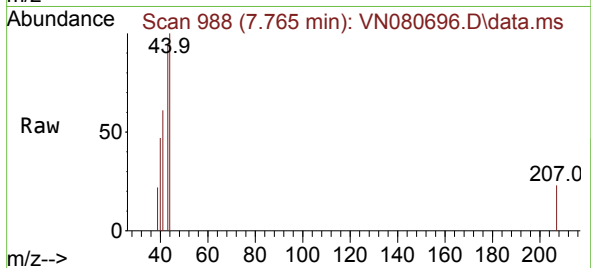
121 0.0 23.3 34.9#



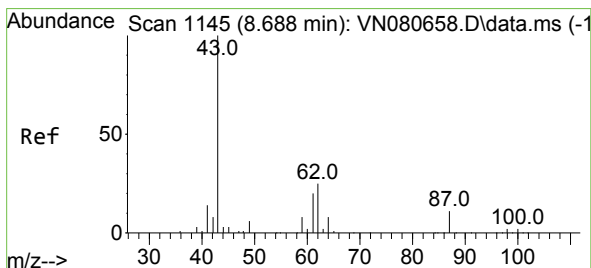
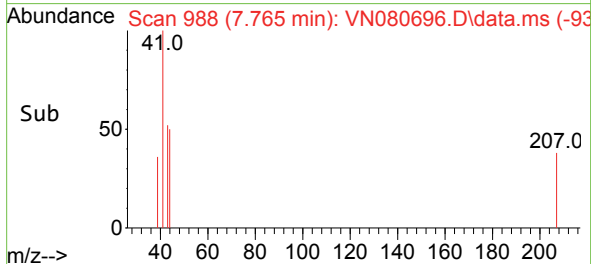
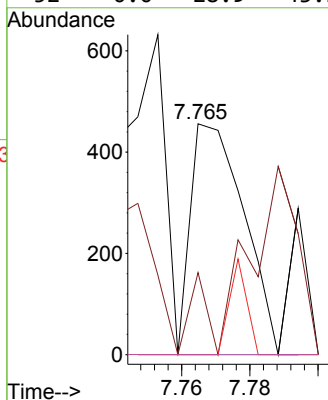


#41
Methacrylonitrile
Concen: 0.228 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :

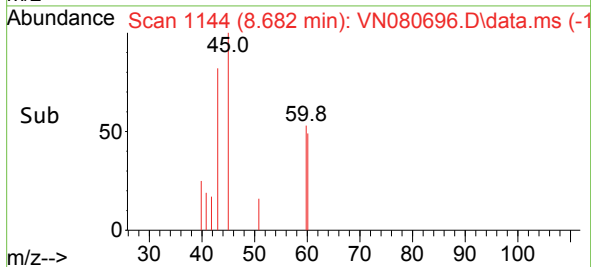
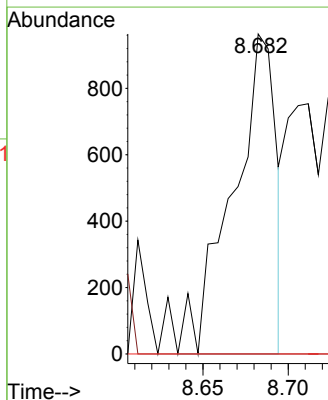
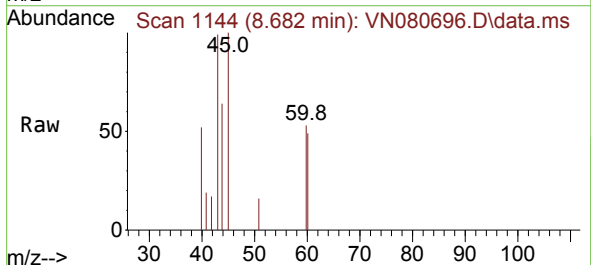


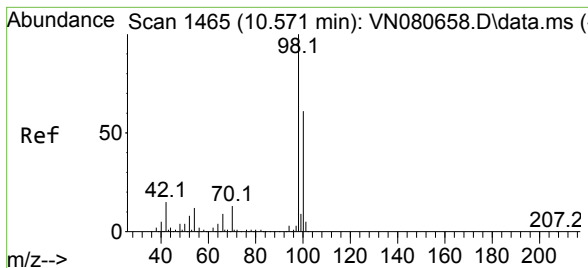
Tgt Ion: 41	Resp:	497
Ion	Ratio	Lower Upper
41	100	
39	0.0	42.6 64.0#
67	0.0	77.5 116.3#
52	0.0	28.9 43.3#



#43
Isopropyl Acetate
Concen: 0.248 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Tgt Ion: 43	Resp:	1715	
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.7	37.1#
87	0.0	14.6	21.8#

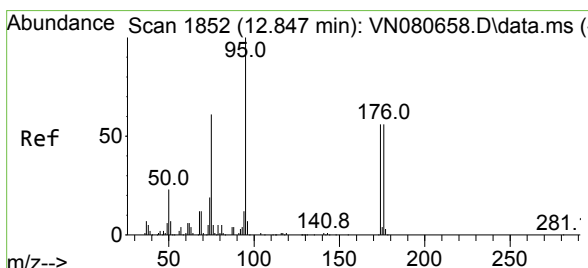
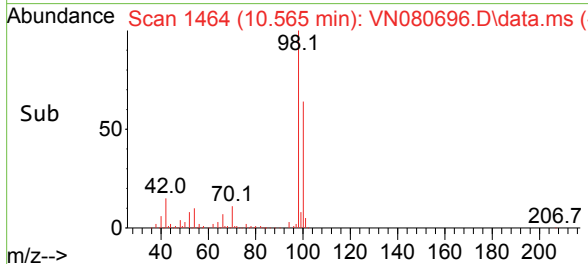
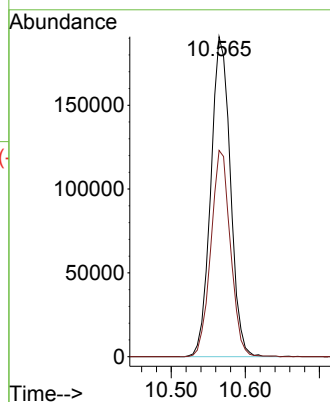
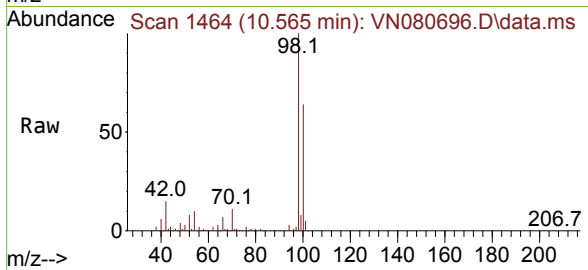




#50
Toluene-d8
Concen: 48.561 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

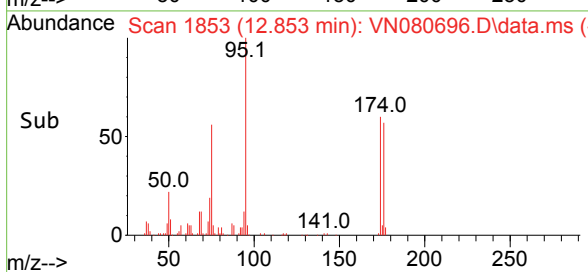
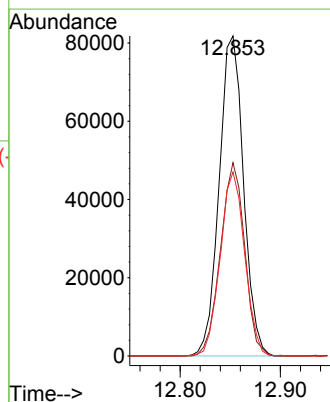
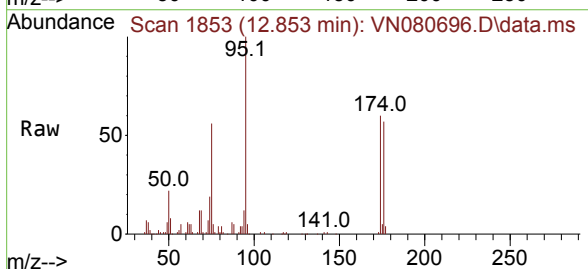
Instrument :
MSVOA_N
ClientSampleId :

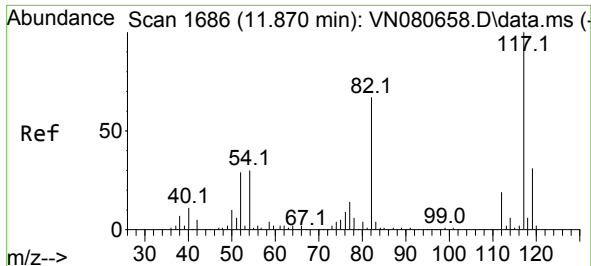
Tgt Ion: 98 Resp: 350034
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.983 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Tgt Ion: 95 Resp: 138160
Ion Ratio Lower Upper
95 100
174 59.7 0.0 143.8
176 57.7 0.0 135.8

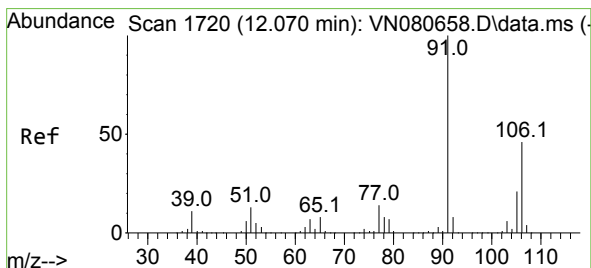
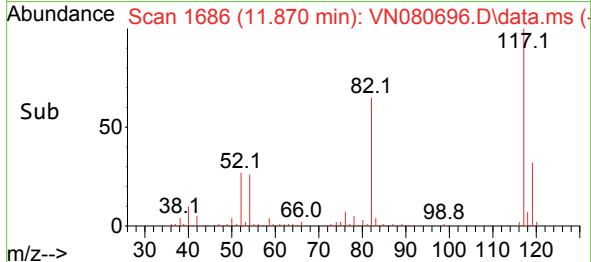
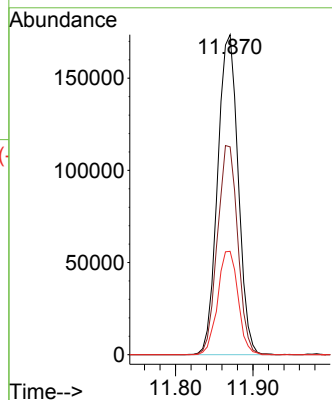
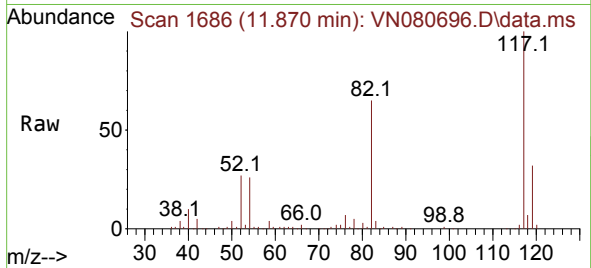




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

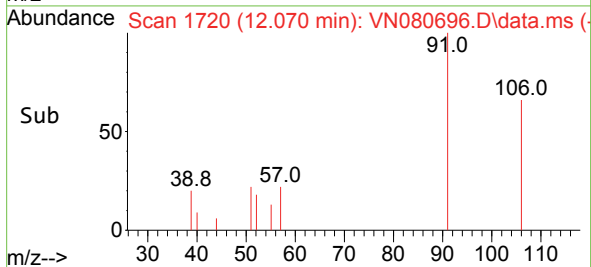
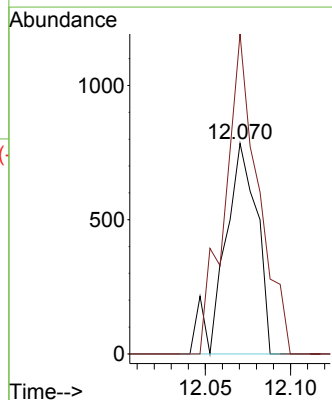
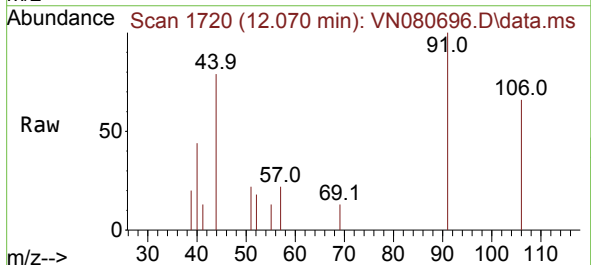
Instrument :
MSVOA_N
ClientSampleId :

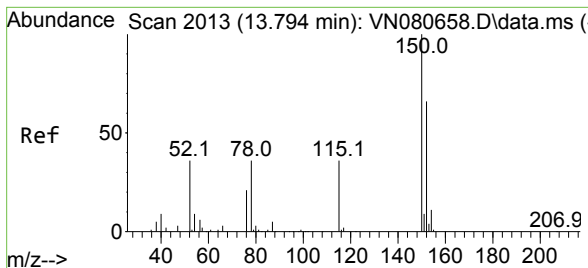
Tgt Ion:117 Resp: 319504
Ion Ratio Lower Upper
117 100
82 64.9 44.0 66.0
119 32.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Tgt Ion:106 Resp: 1038
Ion Ratio Lower Upper
106 100
91 156.0 159.6 239.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

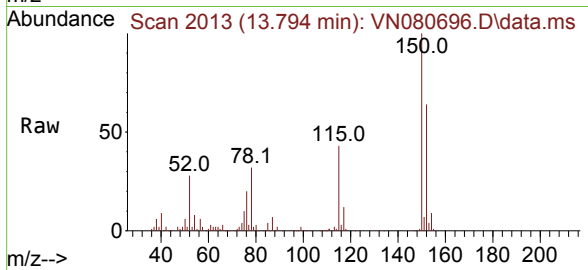
Lab File: VN080696.D

Acq: 12 Jan 2024 17:42

Instrument :

MSVOA_N

ClientSampleId :



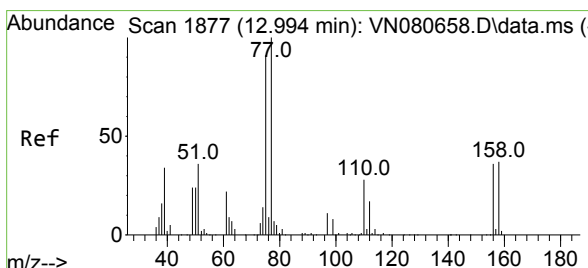
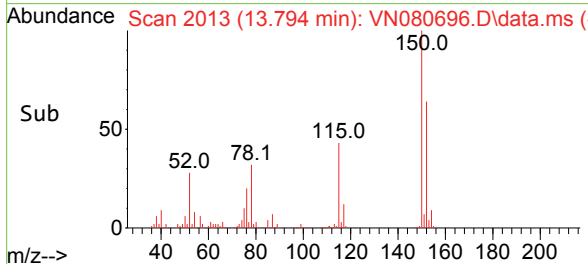
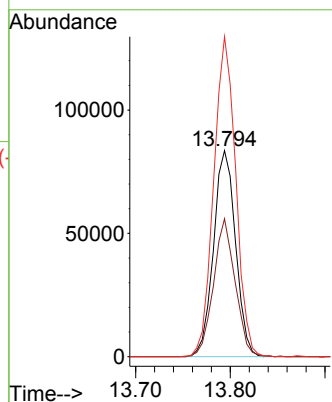
Tgt Ion:152 Resp: 135123

Ion Ratio Lower Upper

152 100

115 65.7 32.3 96.8

150 154.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 18.294 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080696.D

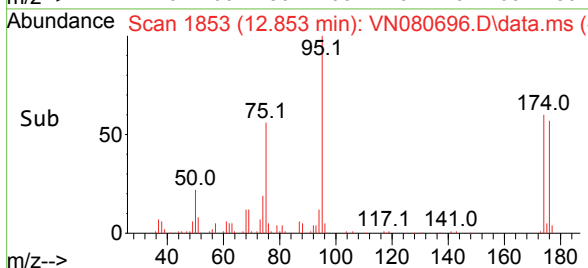
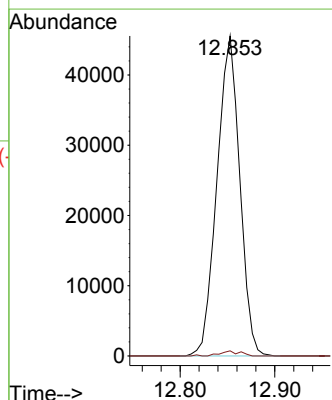
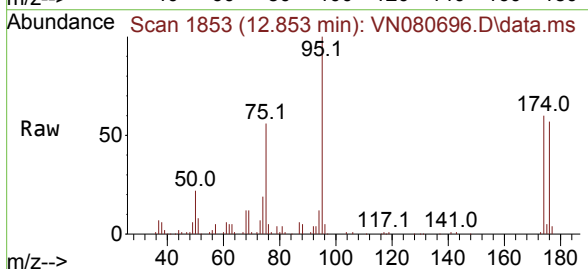
Acq: 12 Jan 2024 17:42

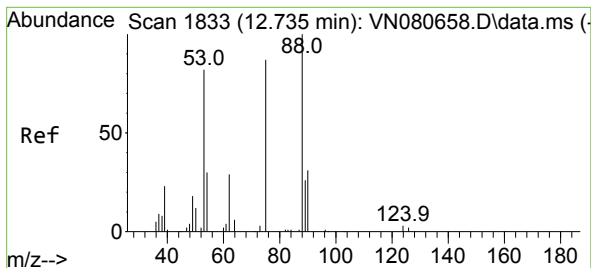
Tgt Ion: 75 Resp: 76224

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#

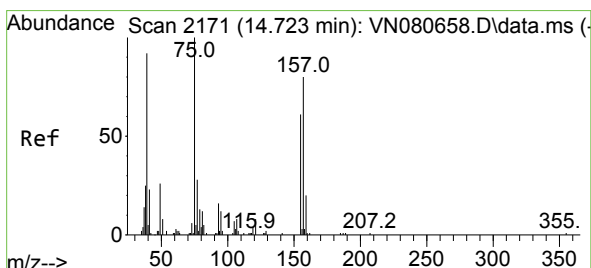
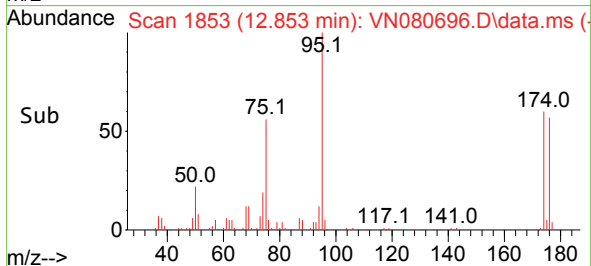
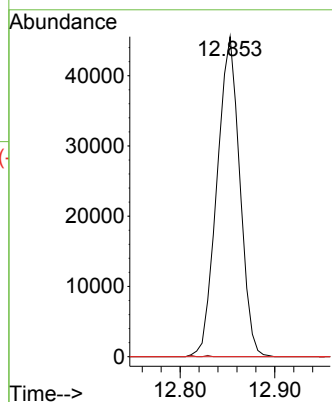
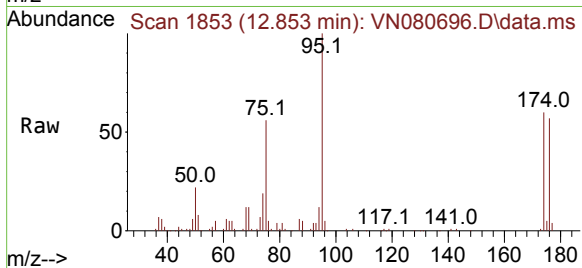




#81
trans-1,4-Dichloro-2-butene
Concen: 43.126 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

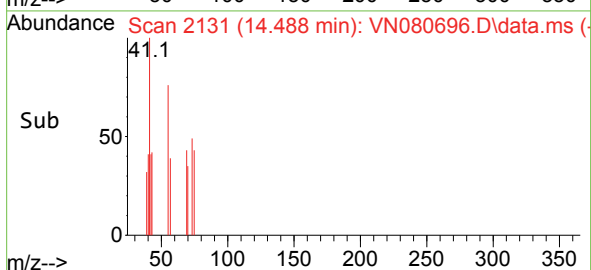
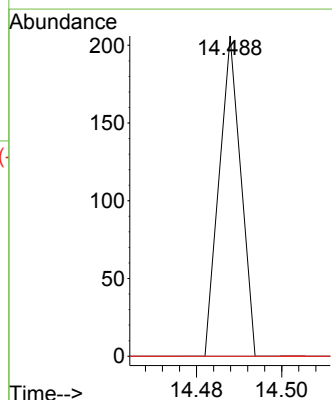
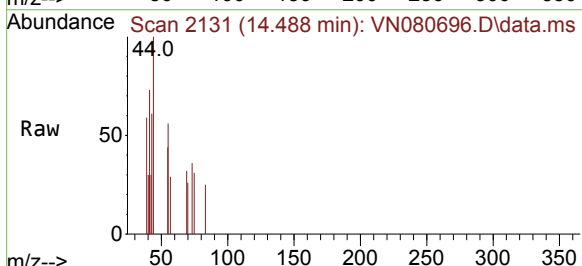
Instrument :
MSVOA_N
ClientSampleId :

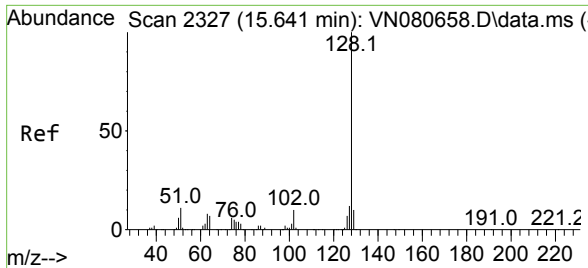
Tgt Ion: 75 Resp: 76224
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.488 min Scan# 2131
Delta R.T. -0.235 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

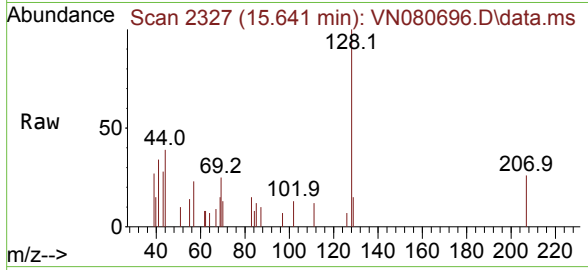
Tgt Ion: 75 Resp: 73
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#





#95
Naphthalene
Concen: 0.451 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080696.D
Acq: 12 Jan 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	4247
Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.0	15.0#
129	4.1	8.7	13.1#

