

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082433.D
 Acq On : 03 Jun 2024 14:47
 Operator : JC\MD
 Sample : PB161254ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 04 00:29:14 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

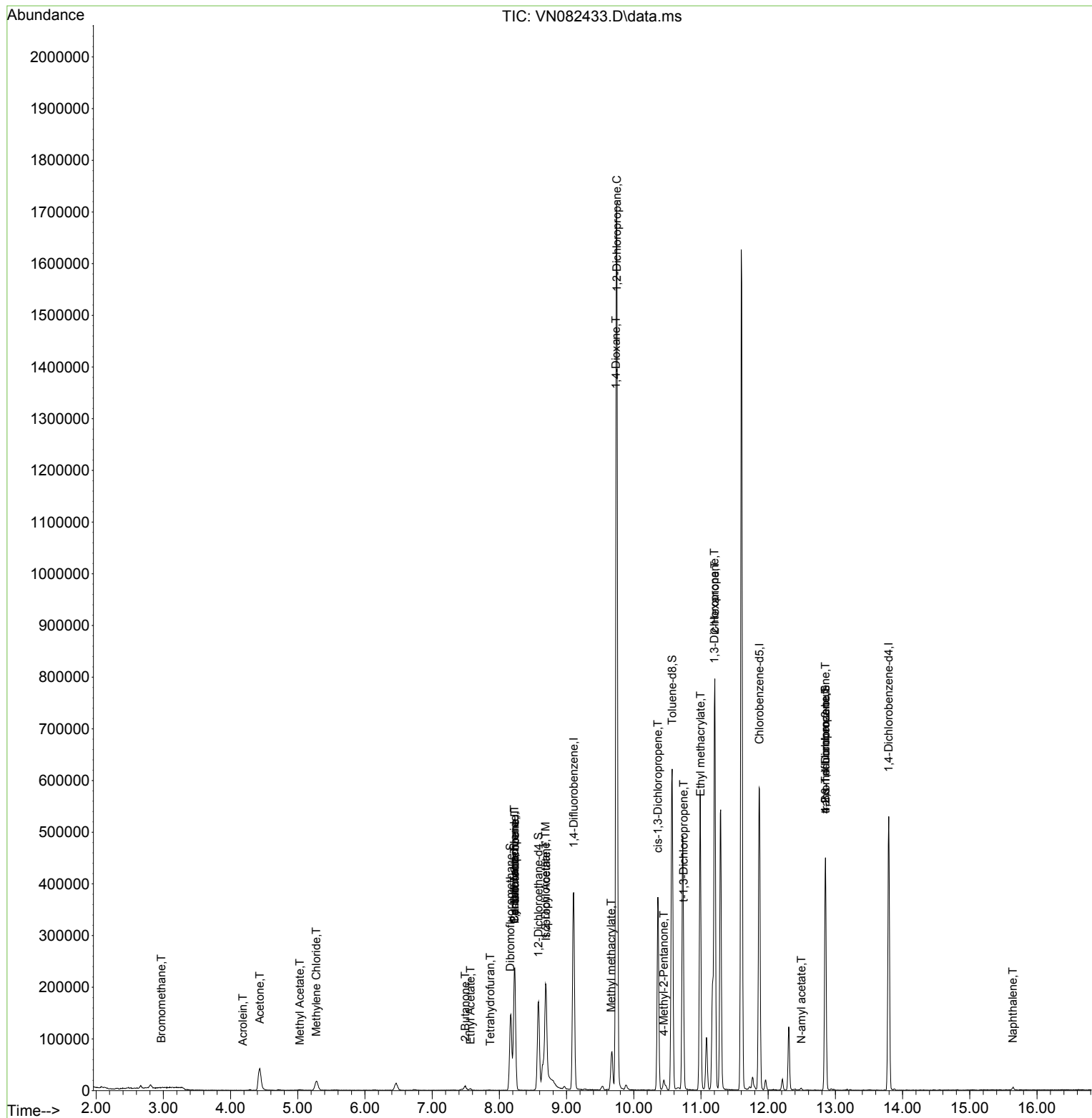
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	165592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	307815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143640	54.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.860%	
35) Dibromofluoromethane	8.165	113	102274	53.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.800%	
50) Toluene-d8	10.571	98	405195	55.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.400%	
62) 4-Bromofluorobenzene	12.853	95	141153	54.365	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.740%	
Target Compounds						Qvalue
5) Bromomethane	2.971	94	583	0.399	ug/l #	72
13) Acrolein	4.183	56	117	0.376	ug/l #	15
16) Acetone	4.436	43	84577	78.851	ug/l	90
18) Methyl Acetate	5.030	43	2335	0.874	ug/l #	58
20) Methylene Chloride	5.277	84	12619	5.831	ug/l #	83
25) 2-Butanone	7.494	43	14400	8.855	ug/l #	84
29) Tetrahydrofuran	7.865	42	664	0.636	ug/l #	29
31) Cyclohexane	8.224	56	5048	1.209	ug/l #	54
36) 1,1-Dichloropropene	8.230	75	15595	4.901	ug/l #	48
37) Ethyl Acetate	7.571	43	4960	1.393	ug/l #	78
38) Carbon Tetrachloride	8.224	117	18471	5.726	ug/l #	17
42) 1,2-Dichloroethane	8.688	62	1343	0.368	ug/l #	73
43) Isopropyl Acetate	8.694	43	336475	53.322	ug/l #	70
45) 1,2-Dichloropropane	9.747	63	1801	0.736	ug/l #	45
48) Methyl methacrylate	9.665	41	5667	1.885	ug/l #	37
49) 1,4-Dioxane	9.735	88	268	6.361	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	20374	5.683	ug/l #	72
53) t-1,3-Dichloropropene	10.741	75	1060	0.302	ug/l #	78
54) cis-1,3-Dichloropropene	10.359	75	58092	15.638	ug/l #	76
56) Ethyl methacrylate	10.994	69	1768	0.503	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	7391	1.910	ug/l #	42
59) 2-Hexanone	11.206	43	100896	38.434	ug/l #	51
74) N-amyl acetate	12.494	43	3161	0.543	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	82009	29.229	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	82009	68.365	ug/l #	12
95) Naphthalene	15.641	128	4962	0.653	ug/l #	96

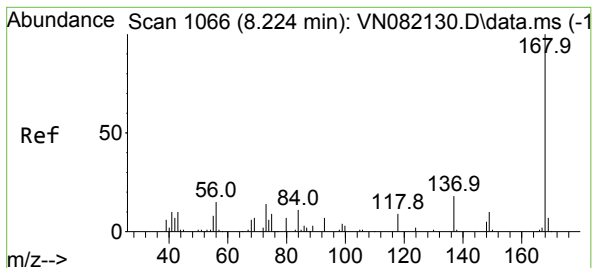
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

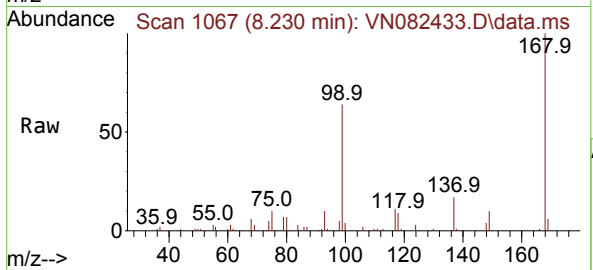
Quant Time: Jun 04 00:29:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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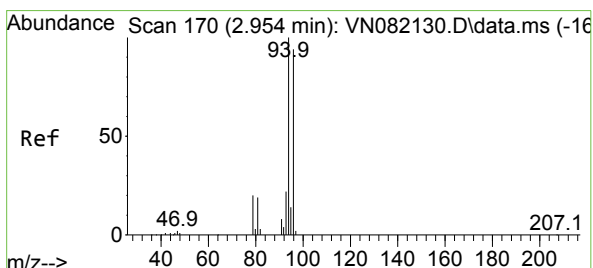
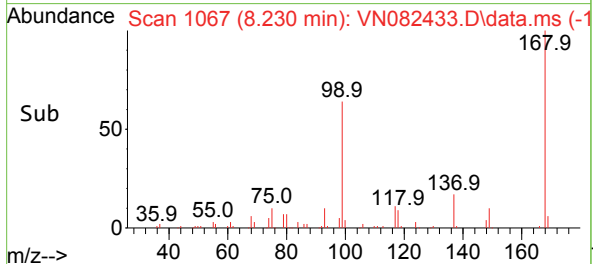
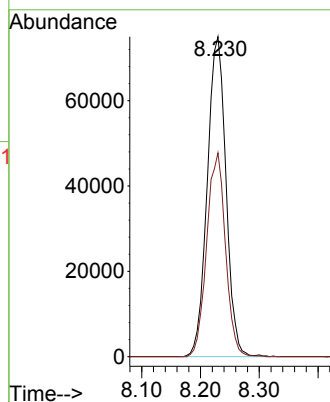


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

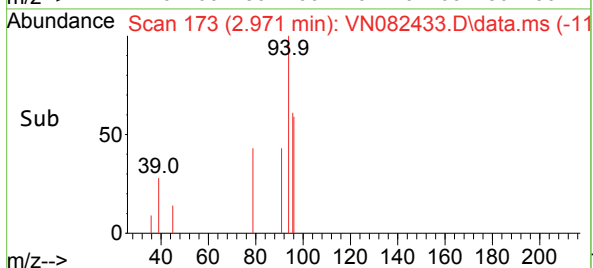
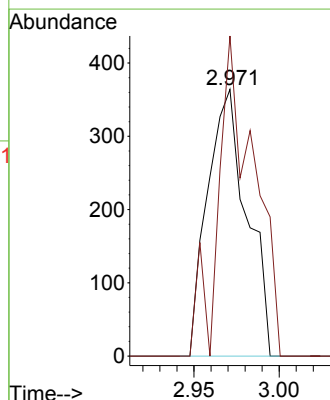
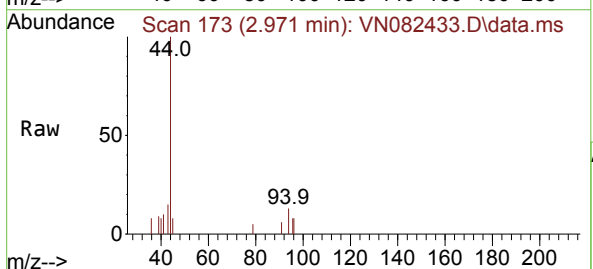


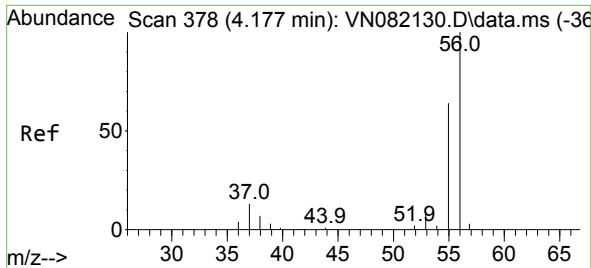
Tgt Ion:168 Resp: 165592
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#5
Bromomethane
Concen: 0.399 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

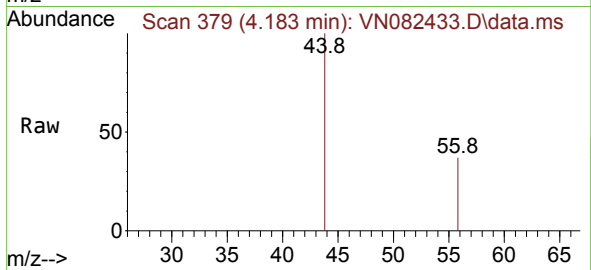
Tgt Ion: 94 Resp: 583
Ion Ratio Lower Upper
94 100
96 120.1 74.8 112.2#



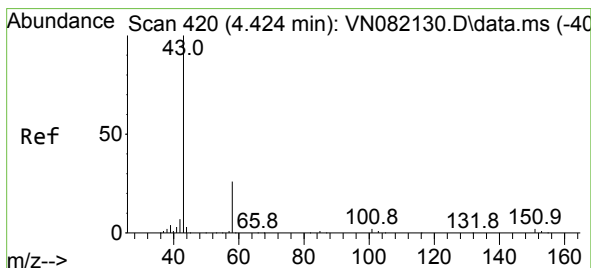
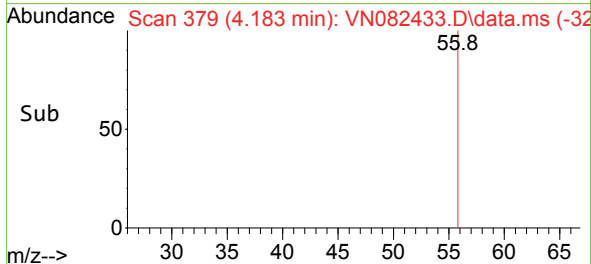
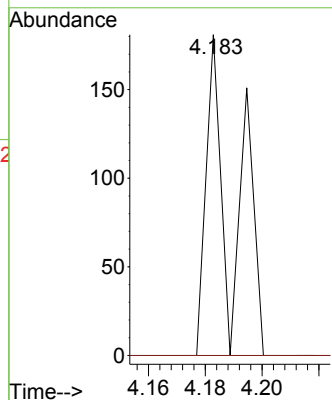


#13
Acrolein
Concen: 0.376 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

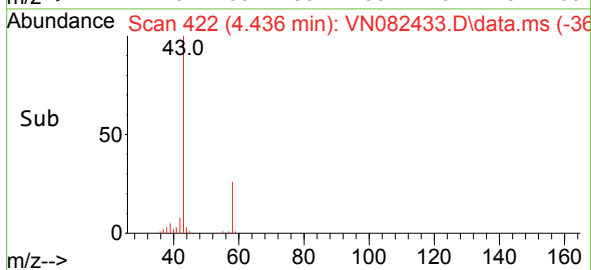
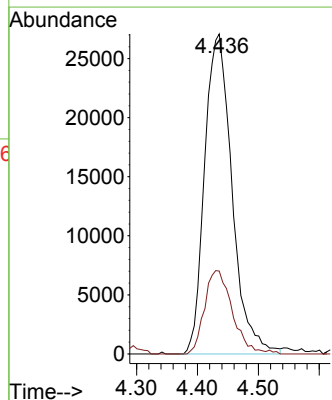
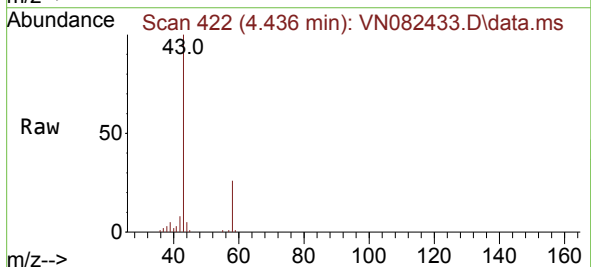


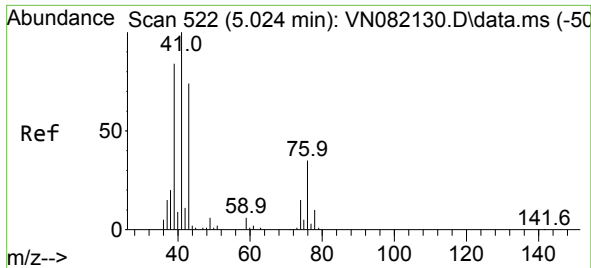
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 78.851 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

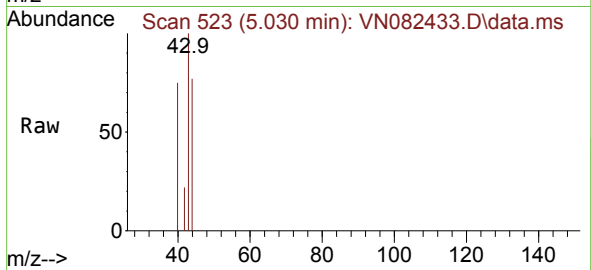
Tgt Ion: 43 Resp: 84577
Ion Ratio Lower Upper
43 100
58 25.9 25.2 37.8



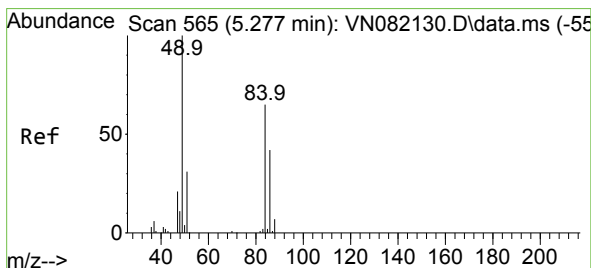
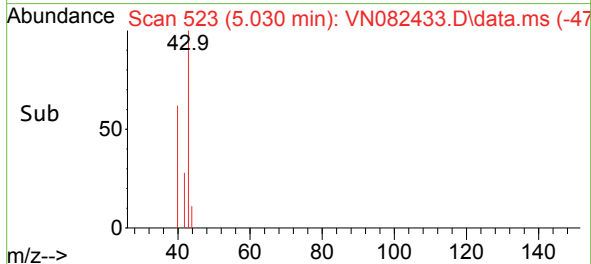
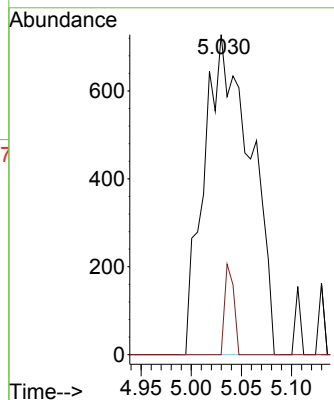


#18
Methyl Acetate
Concen: 0.874 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

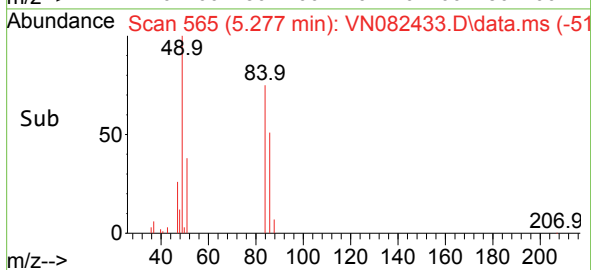
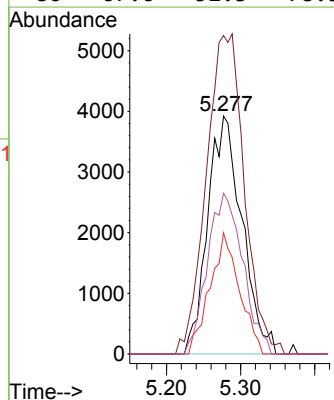
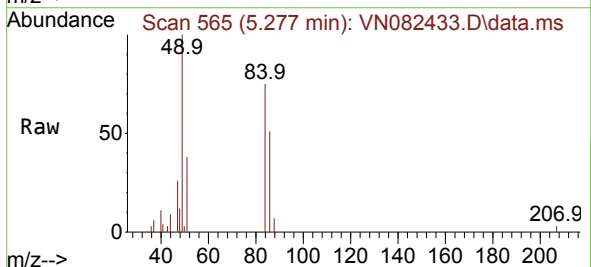


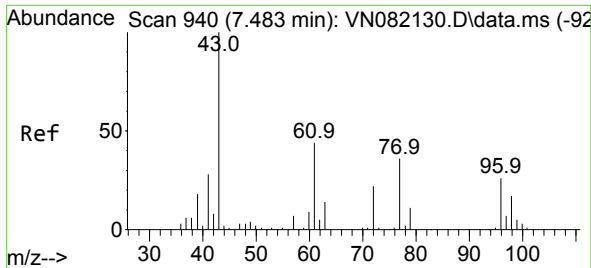
Tgt Ion: 43 Resp: 2335
Ion Ratio Lower Upper
43 100
74 5.5 22.2 33.2#



#20
Methylene Chloride
Concen: 5.831 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Tgt Ion: 84 Resp: 12619
Ion Ratio Lower Upper
84 100
49 129.3 84.9 127.3#
51 50.9 27.0 40.6#
86 67.6 52.3 78.5

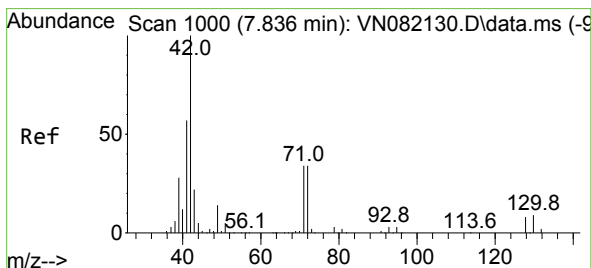
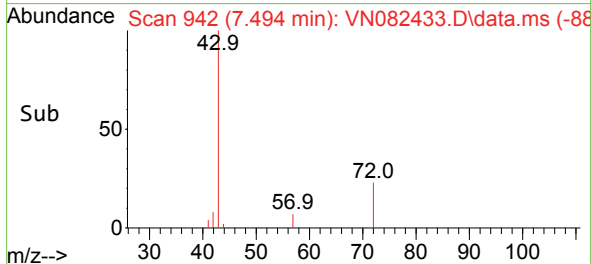
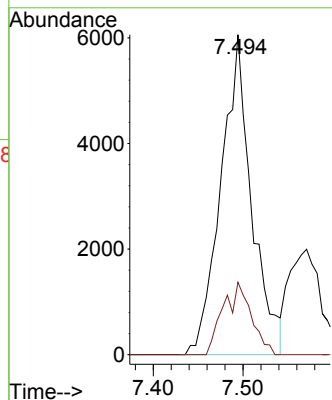
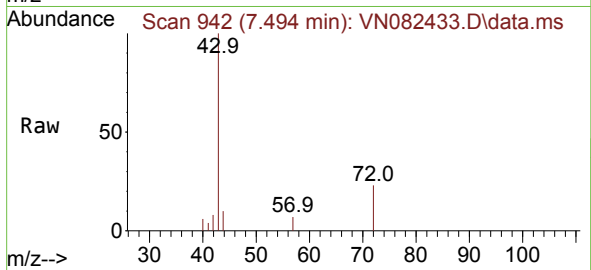




#25
2-Butanone
Concen: 8.855 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

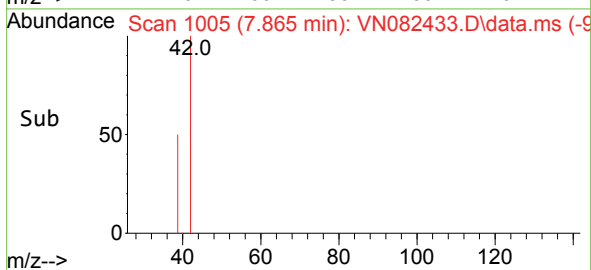
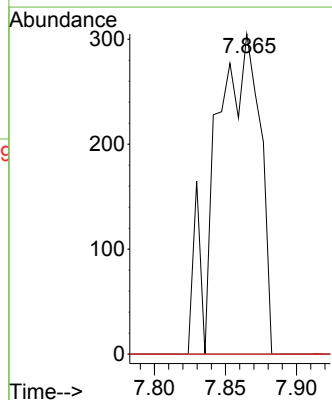
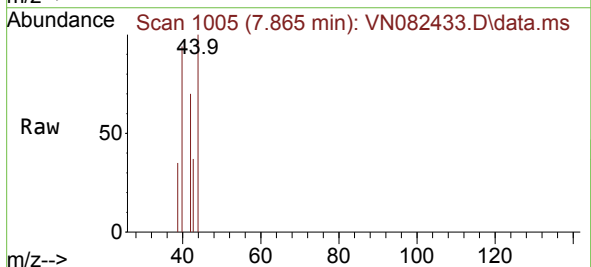
Instrument :
MSVOA_N
ClientSampleId :

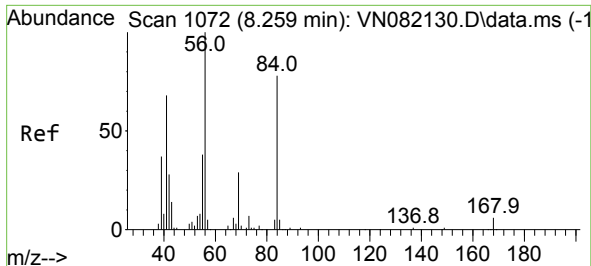
Tgt Ion: 43 Resp: 14400
Ion Ratio Lower Upper
43 100
72 22.7 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.636 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.029 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

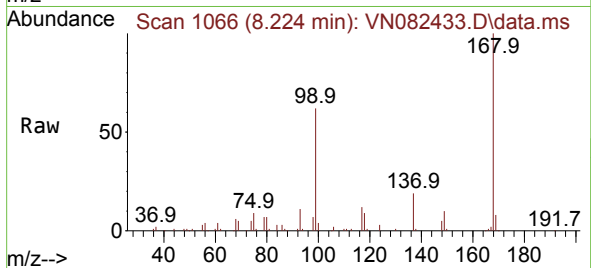
Tgt Ion: 42 Resp: 664
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#



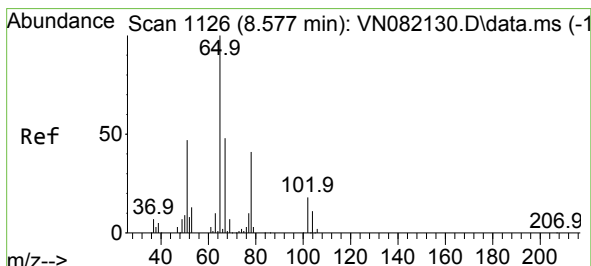
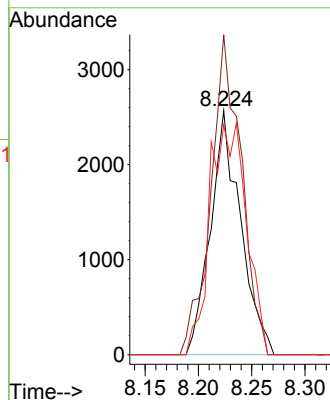
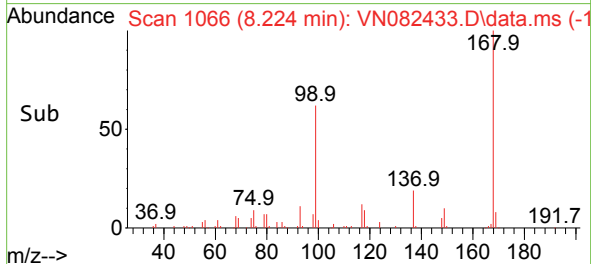


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

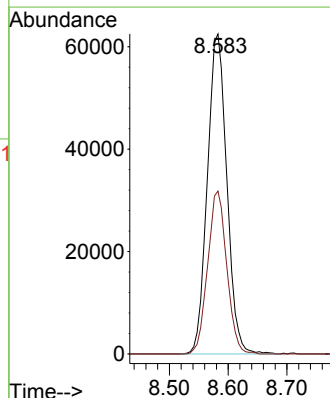
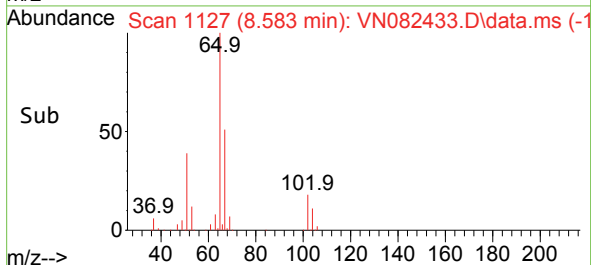
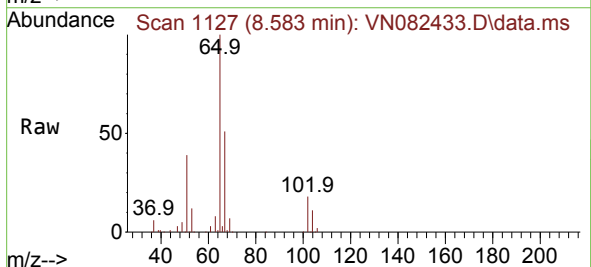


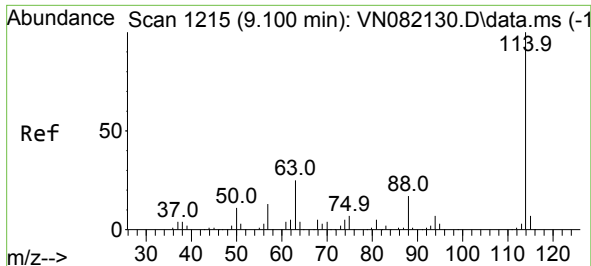
Tgt Ion: 56 Resp: 5048
Ion Ratio Lower Upper
56 100
69 131.3 24.4 36.6#
84 94.2 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 54.935 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Tgt Ion: 65 Resp: 143640
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082433.D

Acq: 03 Jun 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

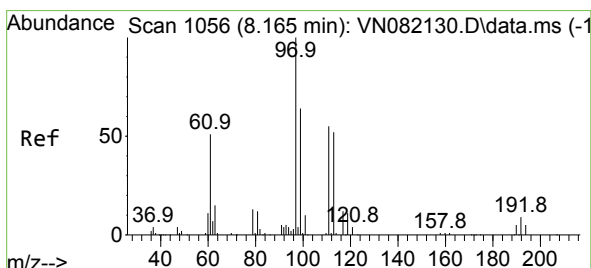
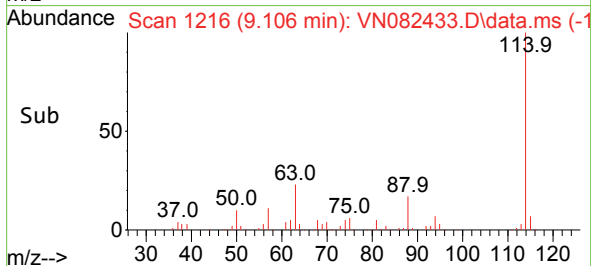
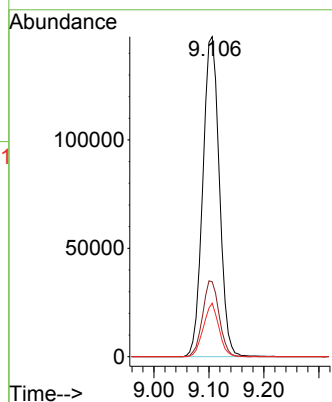
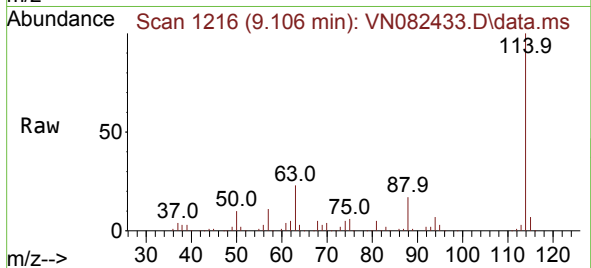
Tgt Ion:114 Resp: 308436

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.903 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082433.D

Acq: 03 Jun 2024 14:47

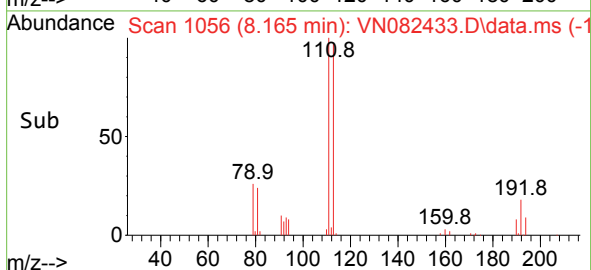
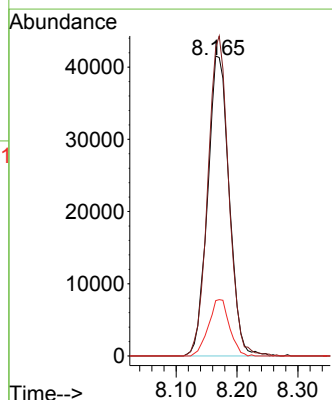
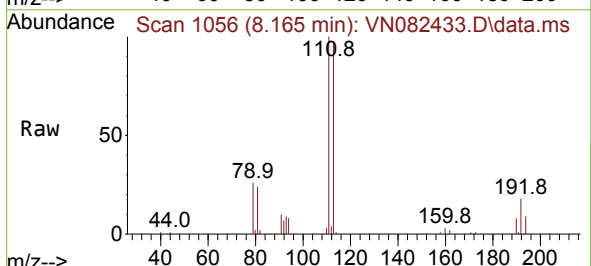
Tgt Ion:113 Resp: 102274

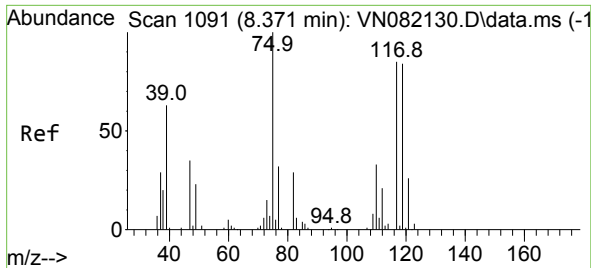
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

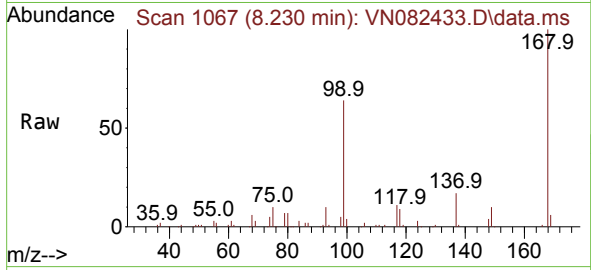
192 18.2 14.0 21.0



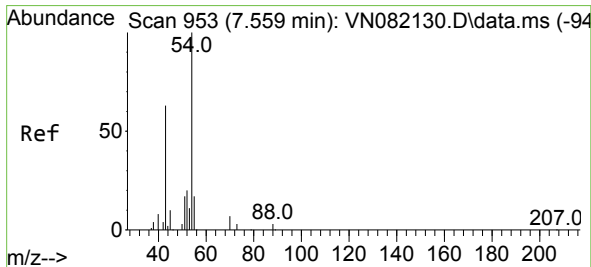
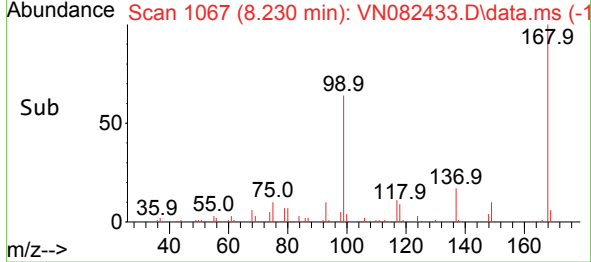
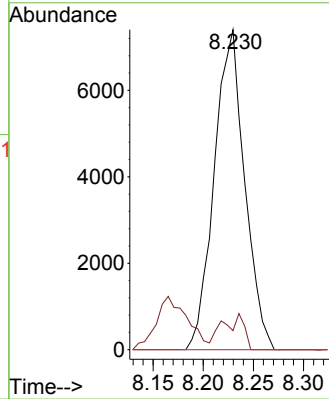


#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

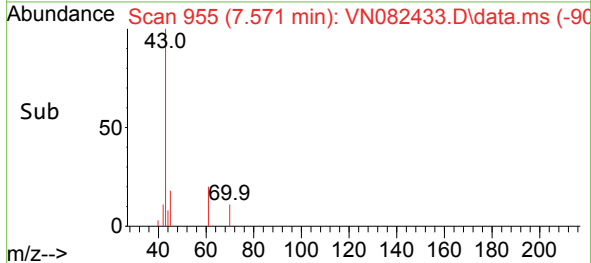
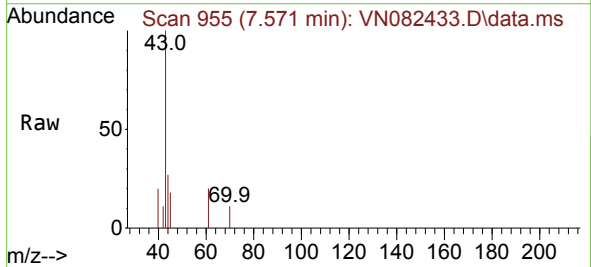
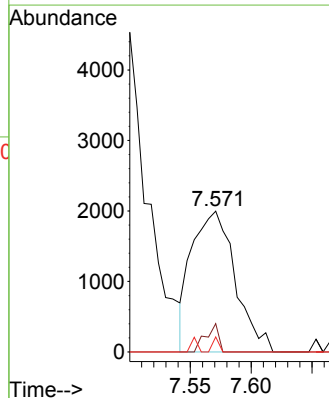


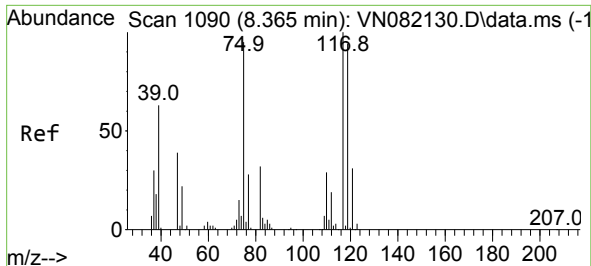
Tgt Ion: 75 Resp: 15595
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.393 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

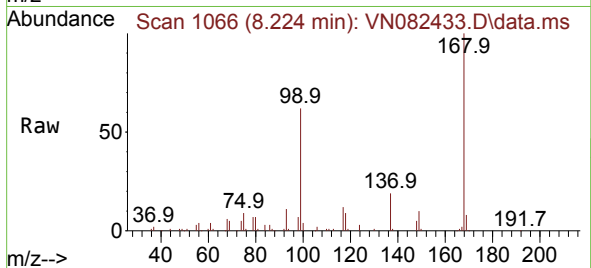
Tgt Ion: 43 Resp: 4960
Ion Ratio Lower Upper
43 100
61 5.9 11.3 16.9#
70 1.5 8.7 13.1#



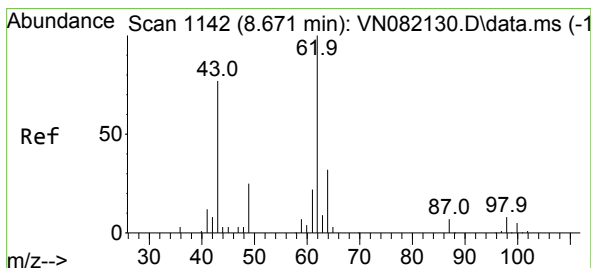
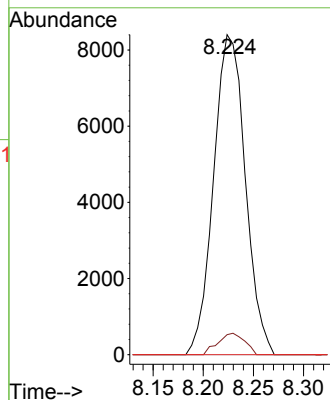
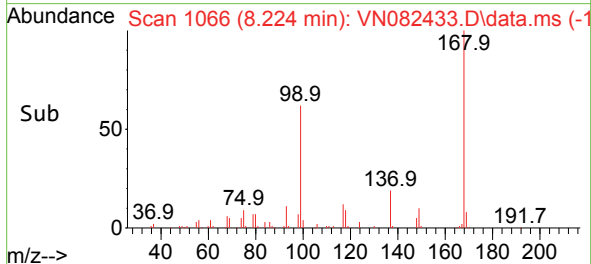


#38
Carbon Tetrachloride
Concen: 5.726 ug/l
RT: 8.224 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

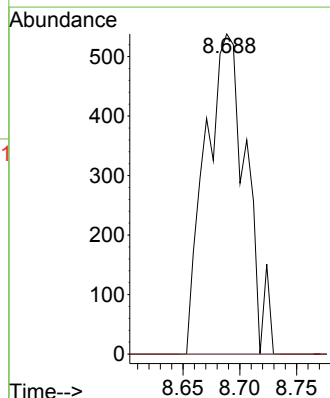
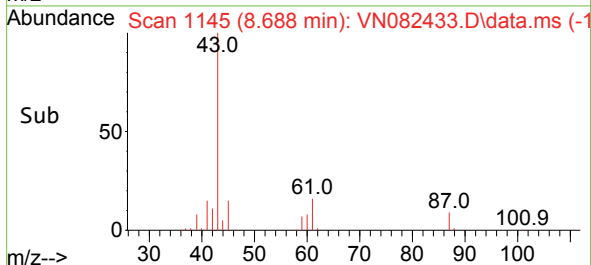
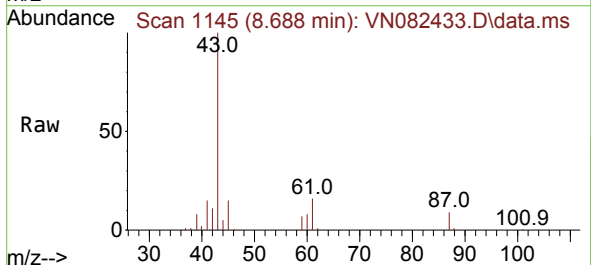


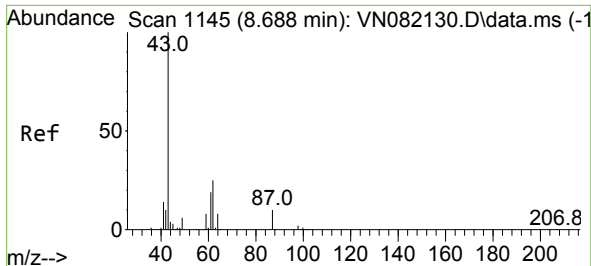
Tgt Ion:117 Resp: 18471
Ion Ratio Lower Upper
117 100
119 6.2 76.5 114.7#
121 0.0 23.9 35.9#



#42
1,2-Dichloroethane
Concen: 0.368 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

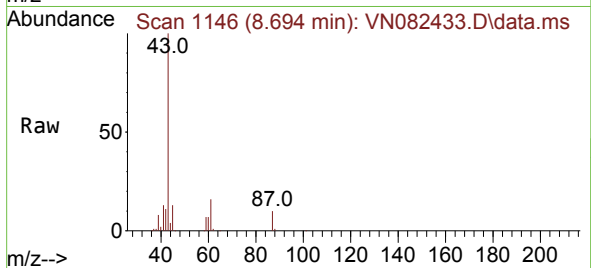
Tgt Ion: 62 Resp: 1343
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6



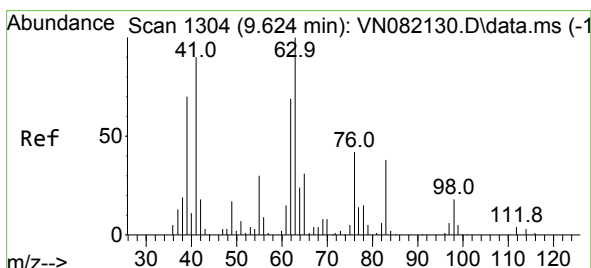
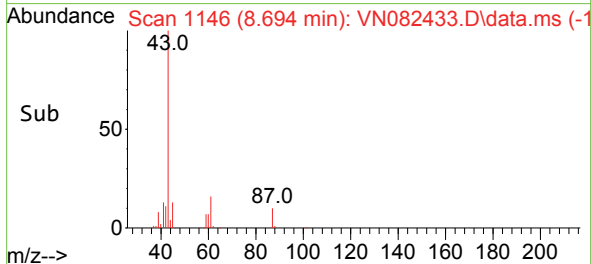
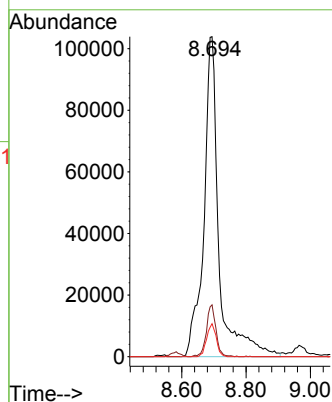


#43
Isopropyl Acetate
Concen: 53.322 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

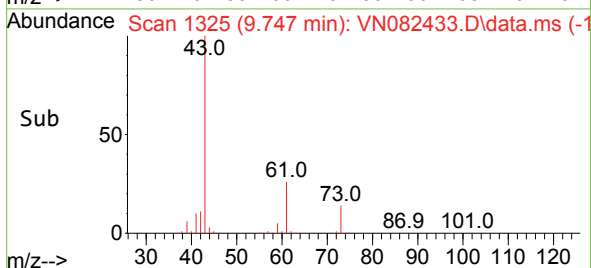
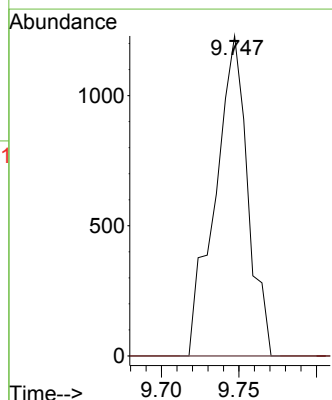
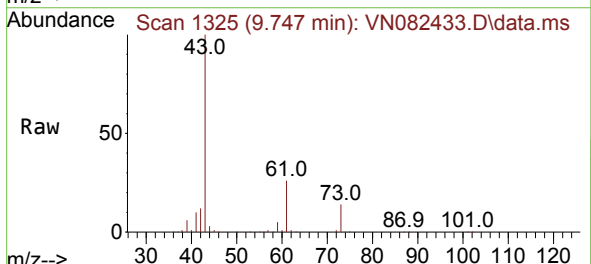


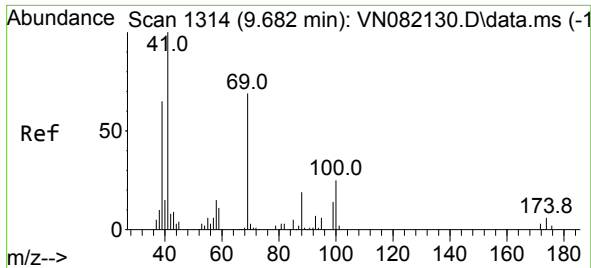
Tgt Ion: 43 Resp: 336475
Ion Ratio Lower Upper
43 100
61 10.3 22.8 34.2#
87 6.5 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.736 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Tgt Ion: 63 Resp: 1801
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

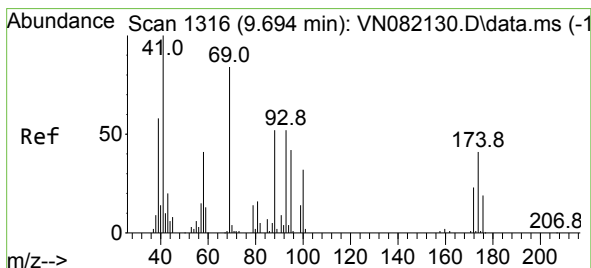
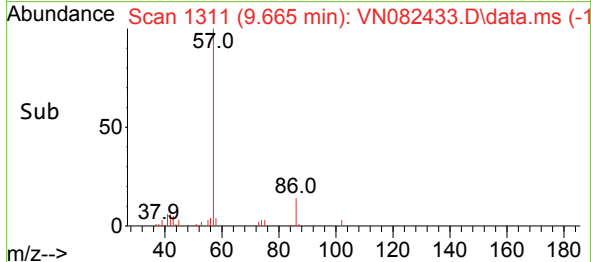
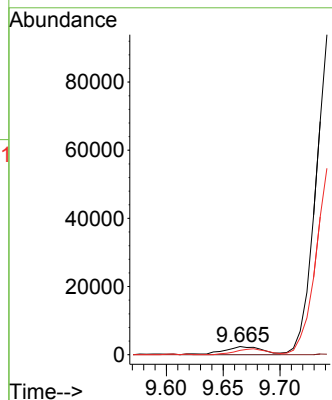
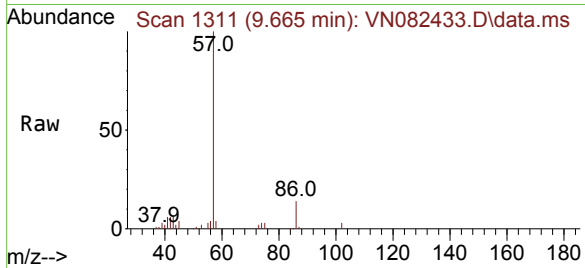




#48
Methyl methacrylate
Concen: 1.885 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

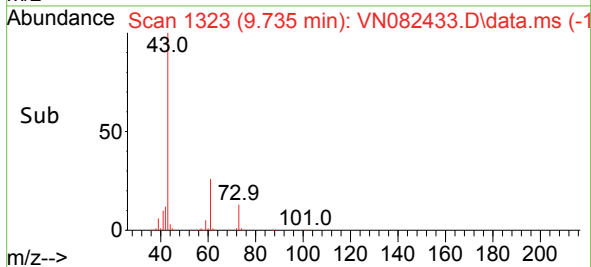
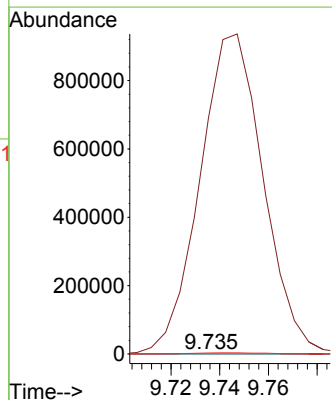
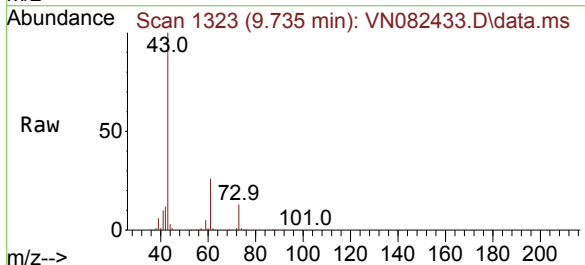
Instrument :
MSVOA_N
ClientSampleId :

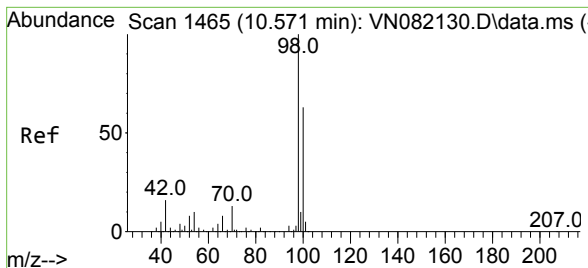
Tgt Ion: 41 Resp: 5667
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 57.9 50.9 76.3



#49
1,4-Dioxane
Concen: 6.361 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Tgt Ion: 88 Resp: 268
Ion Ratio Lower Upper
88 100
43 634010.4 19.0 28.6#
58 2578.7 50.6 76.0#

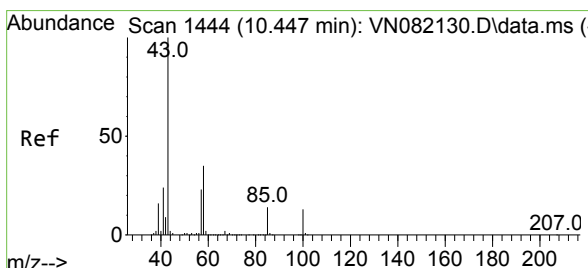
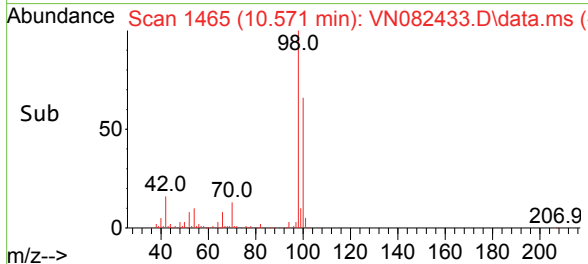
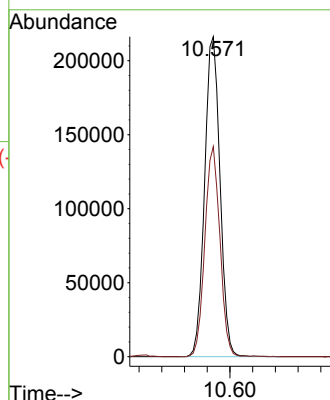
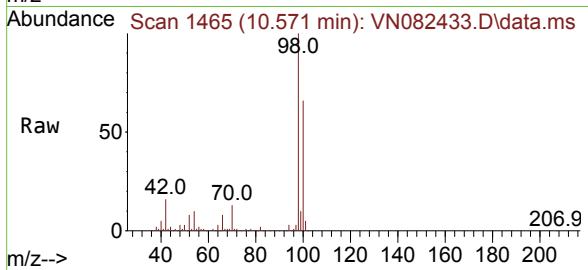




#50
Toluene-d8
Concen: 55.702 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

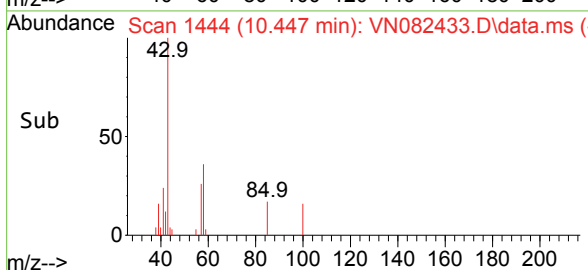
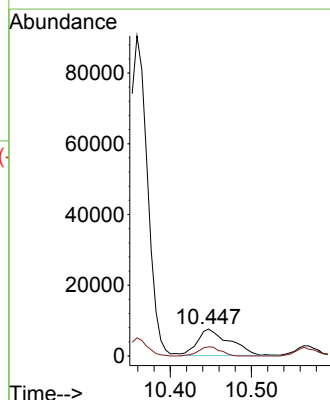
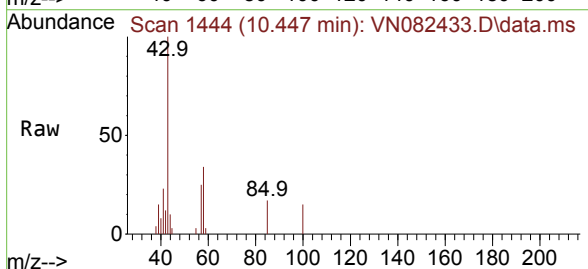
Instrument :
MSVOA_N
ClientSampleId :

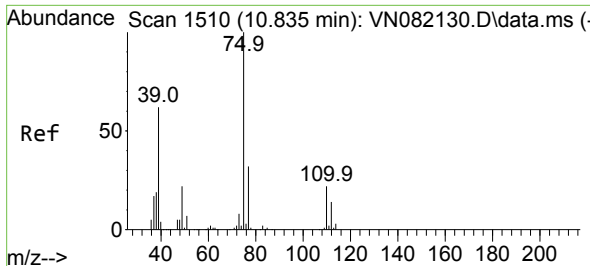
Tgt Ion: 98 Resp: 405195
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.683 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

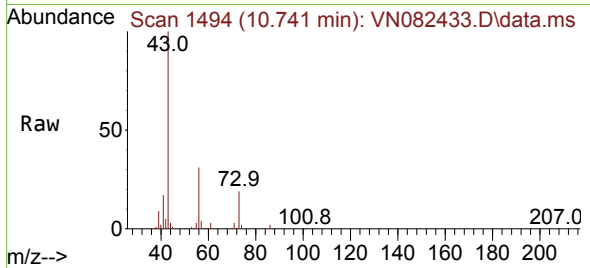
Tgt Ion: 43 Resp: 20374
Ion Ratio Lower Upper
43 100
58 24.0 33.2 49.8#



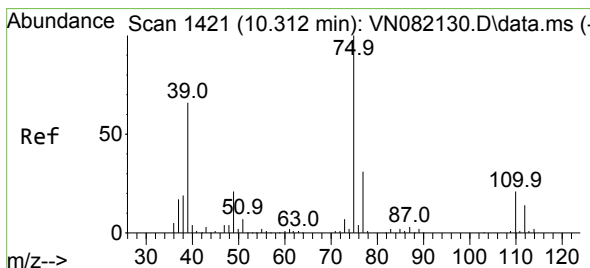
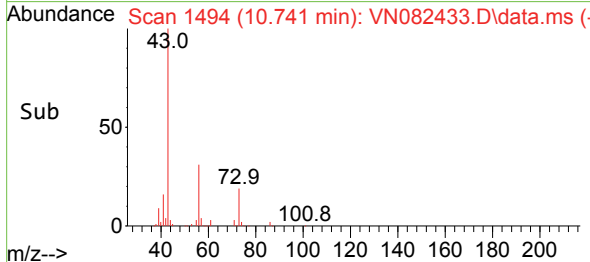
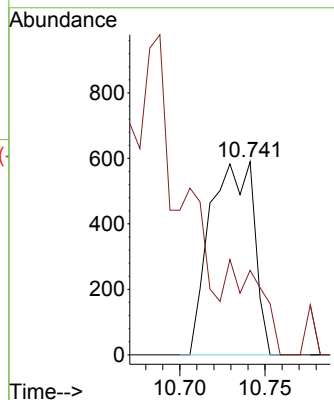


#53
 t-1,3-Dichloropropene
 Concen: 0.302 ug/l
 RT: 10.741 min Scan# 1494
 Delta R.T. -0.094 min
 Lab File: VN082433.D
 Acq: 03 Jun 2024 14:47

Instrument :
 MSVOA_N
 ClientSampleId :

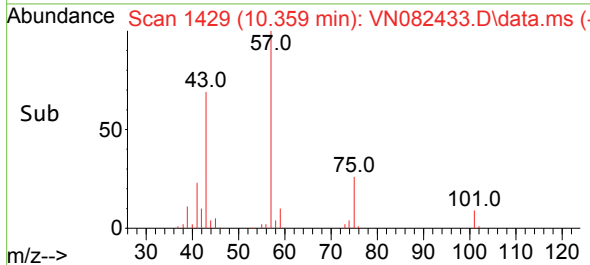
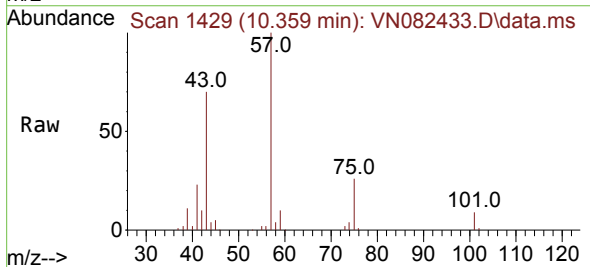
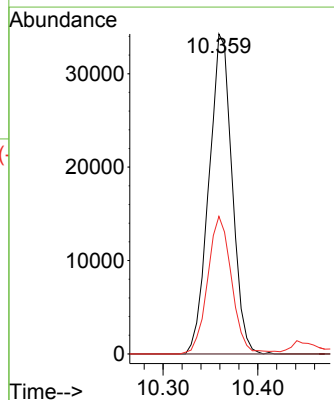


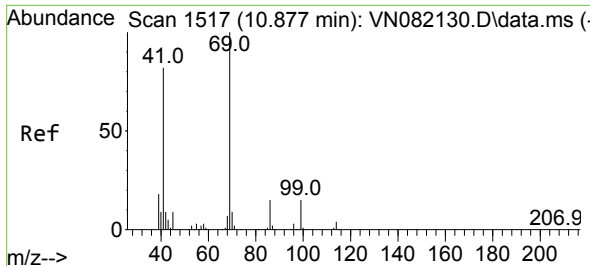
Tgt Ion: 75 Resp: 1060
 Ion Ratio Lower Upper
 75 100
 77 43.7 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 15.638 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082433.D
 Acq: 03 Jun 2024 14:47

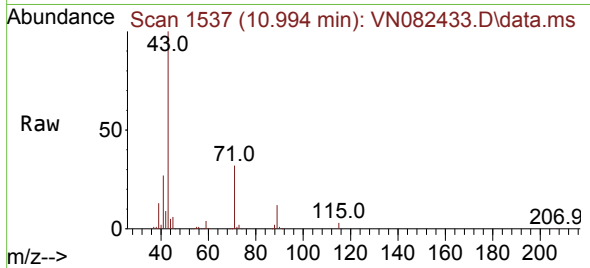
Tgt Ion: 75 Resp: 58092
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 43.0 34.8 52.2



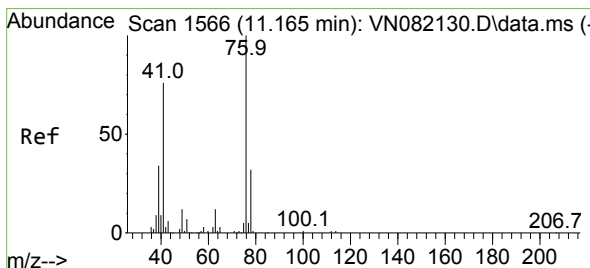
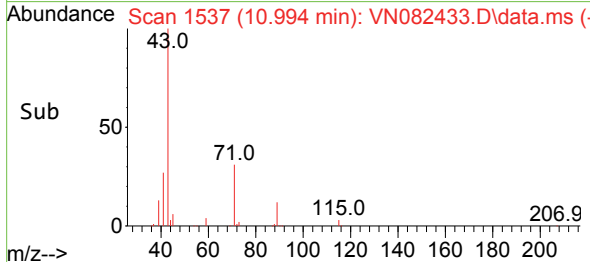
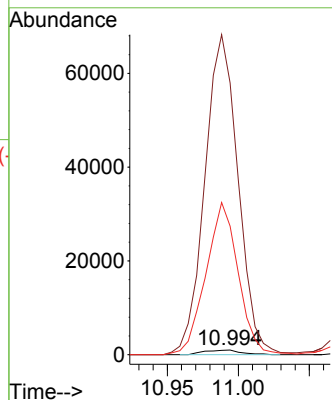


#56
Ethyl methacrylate
Concen: 0.503 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.118 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

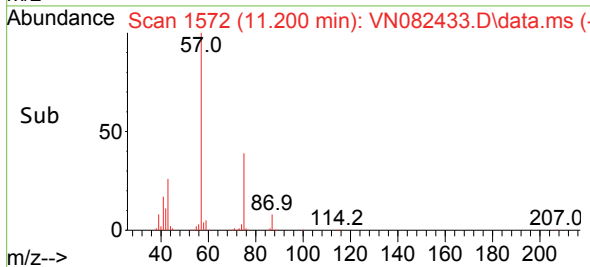
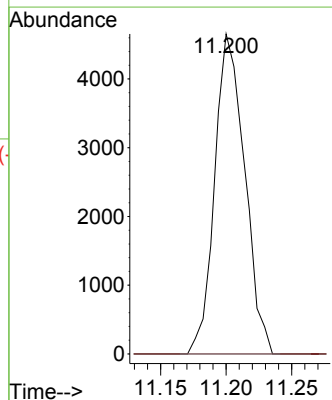
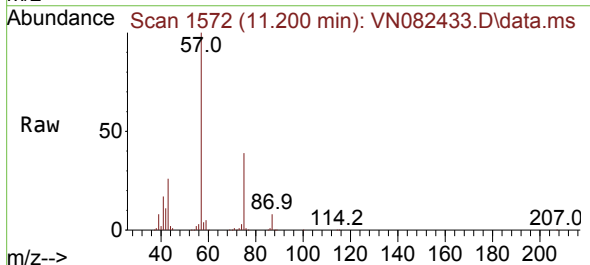


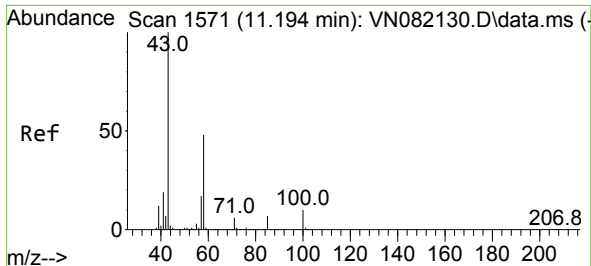
Tgt Ion: 69 Resp: 1768
Ion Ratio Lower Upper
69 100
41 6292.0 46.6 70.0#
39 2903.5 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 1.910 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Tgt Ion: 76 Resp: 7391
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

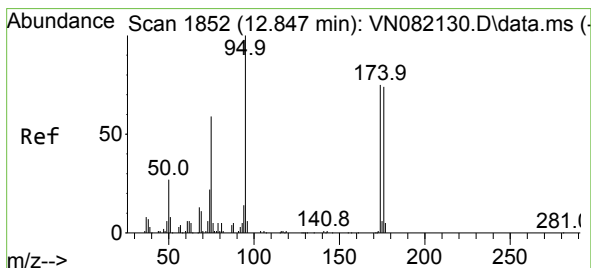
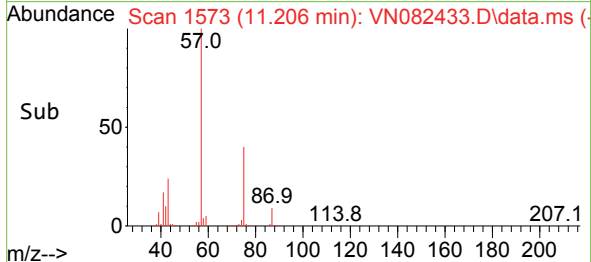
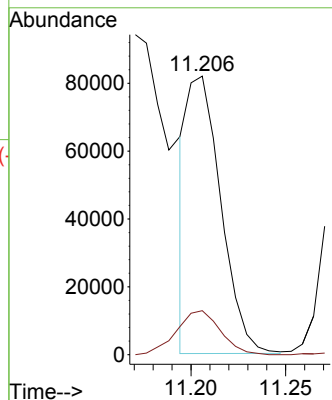
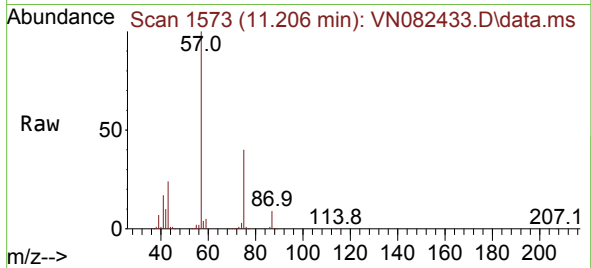




#59
2-Hexanone
Concen: 38.434 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

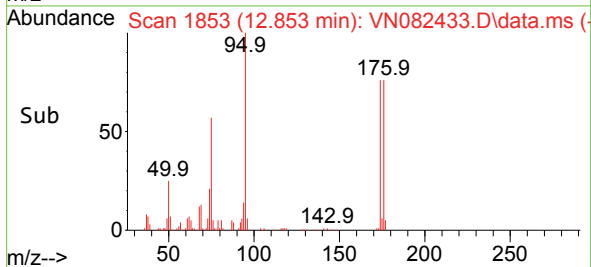
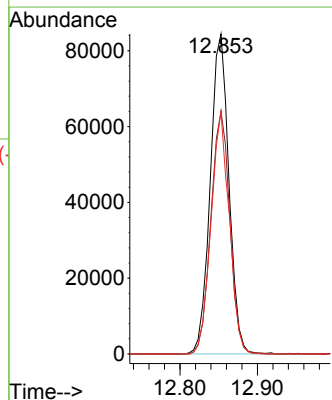
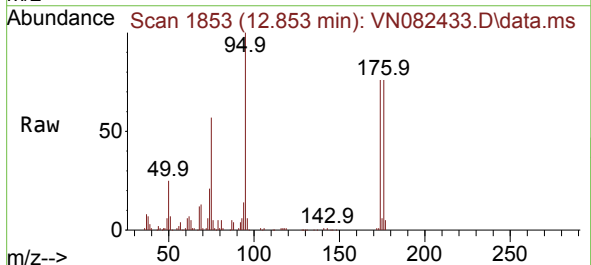
Instrument :
MSVOA_N
ClientSampleId :

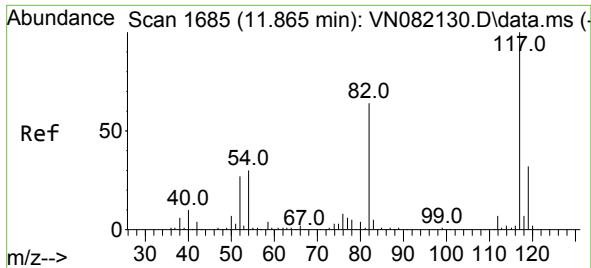
Tgt Ion: 43 Resp: 100896
Ion Ratio Lower Upper
43 100
58 20.8 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 54.365 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Tgt Ion: 95 Resp: 141153
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 73.9 0.0 152.8

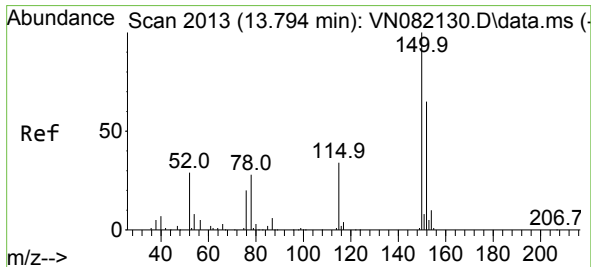
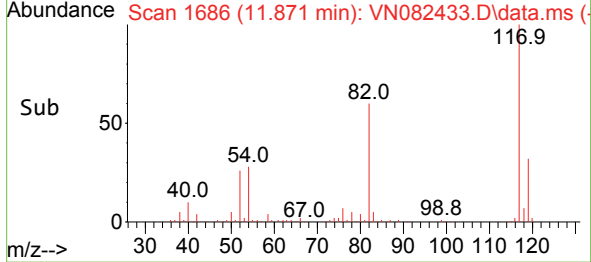
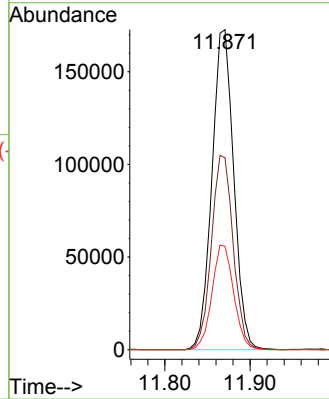
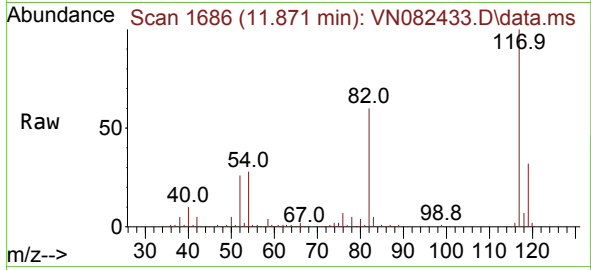




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

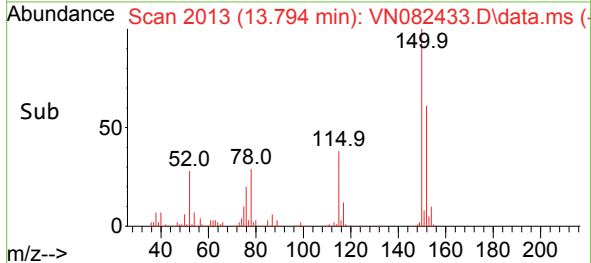
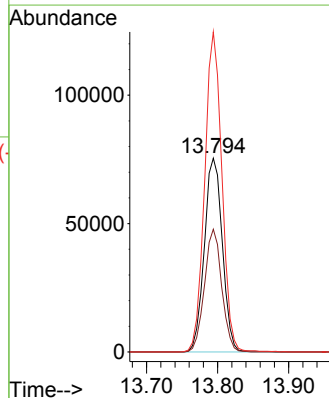
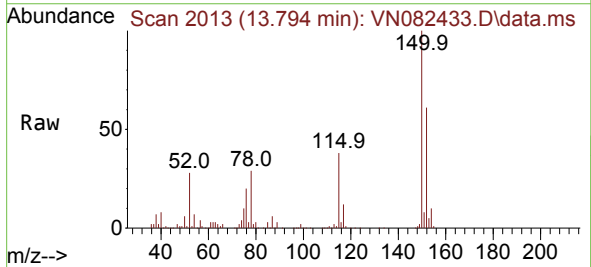
Instrument :
MSVOA_N
ClientSampleId :

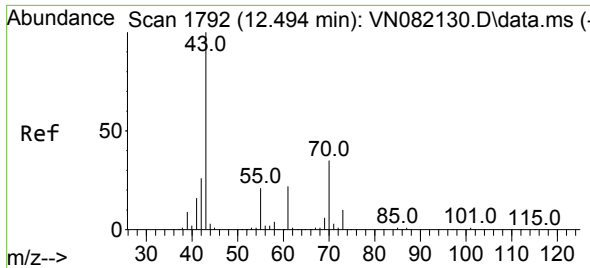
Tgt Ion:117 Resp: 307815
Ion Ratio Lower Upper
117 100
82 60.0 44.6 66.8
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

Tgt Ion:152 Resp: 133306
Ion Ratio Lower Upper
152 100
115 60.5 30.4 91.3
150 157.5 0.0 353.2

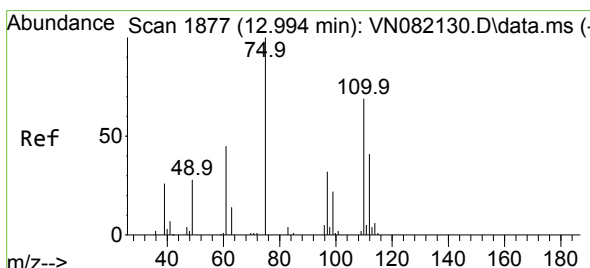
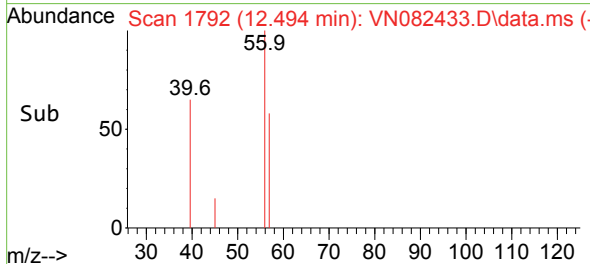
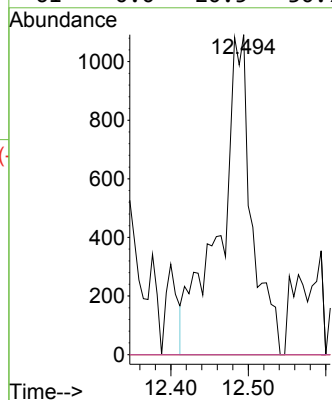
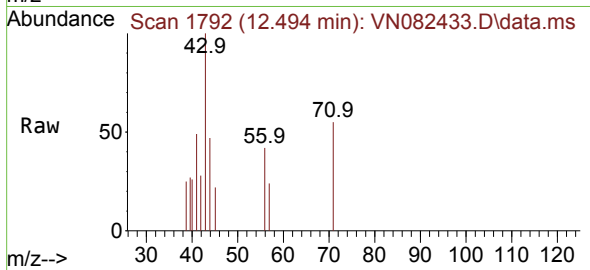




#74
N-amy1 acetate
Concen: 0.543 ug/l
RT: 12.494 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

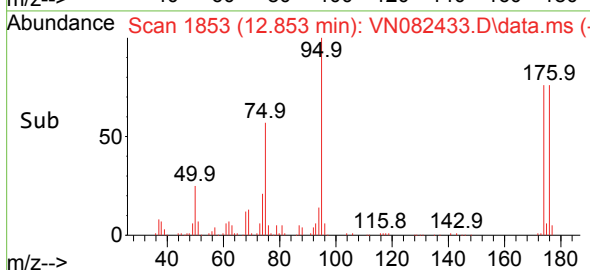
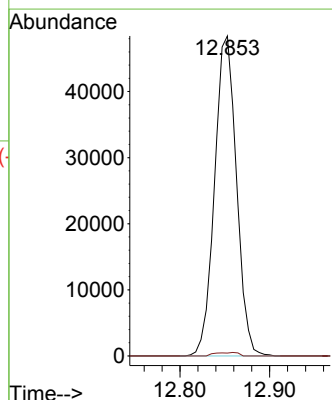
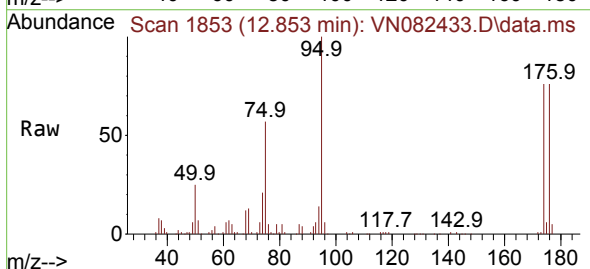
Instrument :
MSVOA_N
ClientSampleId :

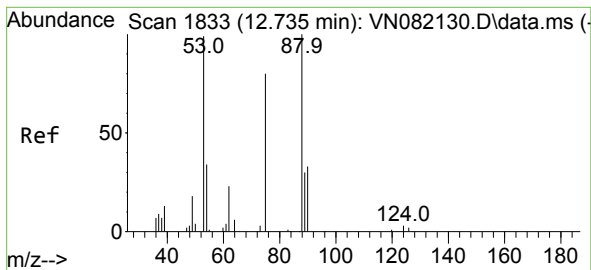
Tgt Ion: 43 Resp: 3161
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.3 31.9#
61 0.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 29.229 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

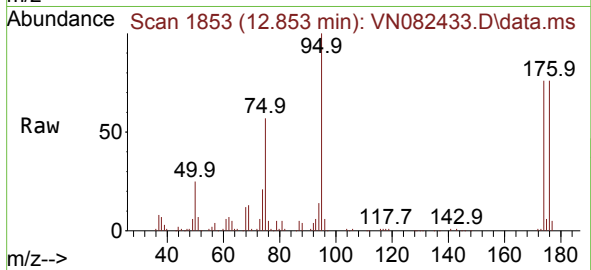
Tgt Ion: 75 Resp: 82009
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#



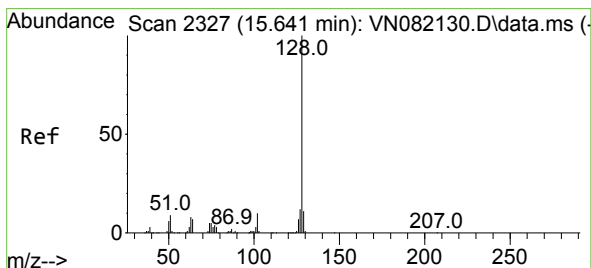
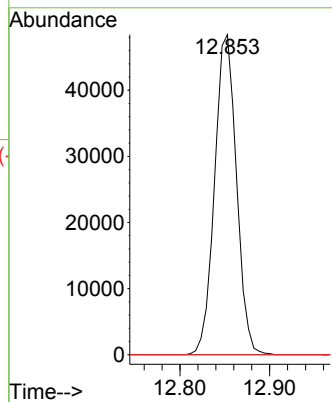
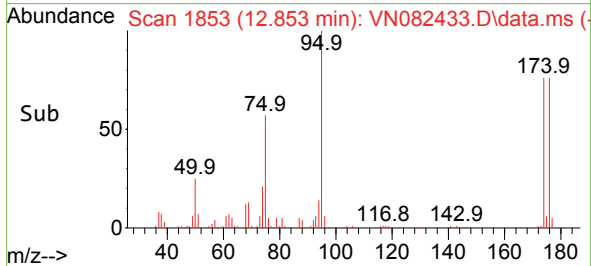


#81
trans-1,4-Dichloro-2-butene
Concen: 68.365 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47

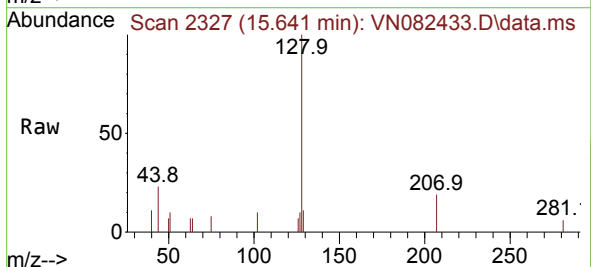
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 82009
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#95
Naphthalene
Concen: 0.653 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082433.D
Acq: 03 Jun 2024 14:47



Tgt Ion: 128 Resp: 4962
Ion Ratio Lower Upper
128 100
127 11.7 10.1 15.1
129 8.5 8.9 13.3#

