

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080122.D
 Acq On : 15 Nov 2023 19:51
 Operator : JC\MD
 Sample : 05432-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:58:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

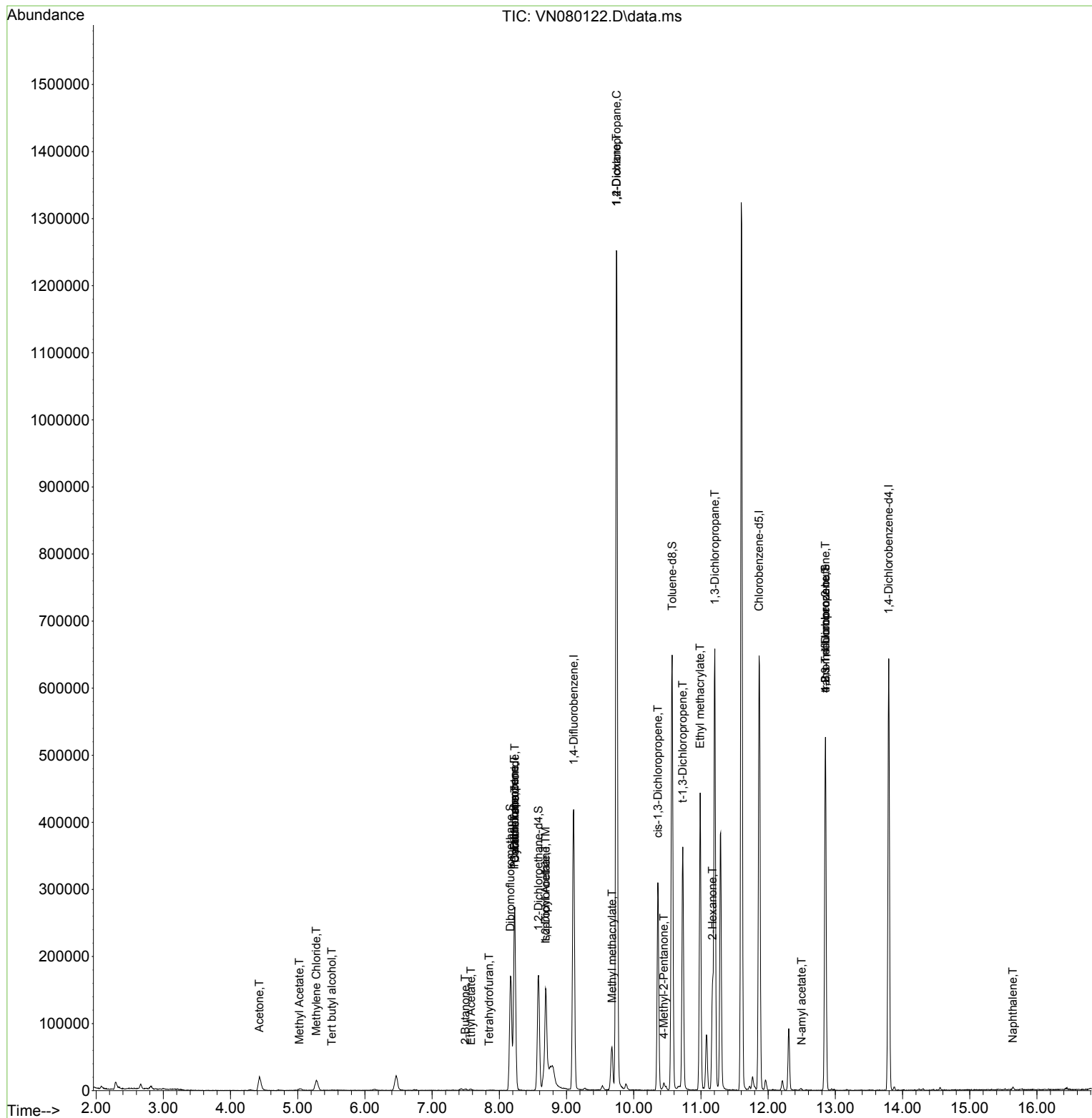
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	182092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156917	56.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.120%	
35) Dibromofluoromethane	8.165	113	121894	48.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.700%	
50) Toluene-d8	10.571	98	442379	48.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.853	95	181829	59.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	410	Below Cal	#	42
11) Tert butyl alcohol	5.506	59	294	0.830	ug/l #	72
16) Acetone	4.430	43	37465	38.446	ug/l	96
18) Methyl Acetate	5.024	43	3483	0.747	ug/l #	80
20) Methylene Chloride	5.277	84	12514	5.089	ug/l #	87
25) 2-Butanone	7.494	43	2011	1.409	ug/l	97
29) Tetrahydrofuran	7.847	42	203	0.219	ug/l #	20
31) Cyclohexane	8.230	56	4112	1.122	ug/l #	12
36) 1,1-Dichloropropene	8.224	75	15841	4.446	ug/l #	49
37) Ethyl Acetate	7.577	43	3380	1.034	ug/l #	74
38) Carbon Tetrachloride	8.230	117	21462	5.977	ug/l #	17
42) 1,2-Dichloroethane	8.688	62	1274	0.342	ug/l #	73
43) Isopropyl Acetate	8.688	43	188832	32.952	ug/l #	78
45) 1,2-Dichloropropane	9.747	63	1616	0.593	ug/l #	45
48) Methyl methacrylate	9.677	41	3642	1.451	ug/l #	33
49) 1,4-Dioxane	9.741	88	128	2.886	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	10576	3.278	ug/l #	72
53) t-1,3-Dichloropropene	10.730	75	855	0.220	ug/l #	1
54) cis-1,3-Dichloropropene	10.359	75	55911	13.175	ug/l #	64
56) Ethyl methacrylate	10.988	69	1875	0.517	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6823	1.521	ug/l #	42
59) 2-Hexanone	11.171	43	116786	47.319	ug/l #	19
74) N-amyl acetate	12.500	43	1906	0.352	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	101187	26.340	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101187	71.665	ug/l #	15
95) Naphthalene	15.641	128	4039	0.469	ug/l	98

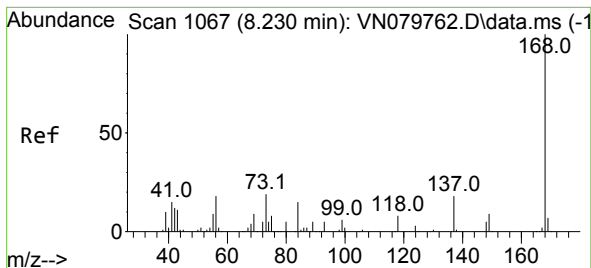
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
Data File : VN080122.D
Acq On : 15 Nov 2023 19:51
Operator : JC\MD
Sample : 05432-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 15 21:58:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.005 min

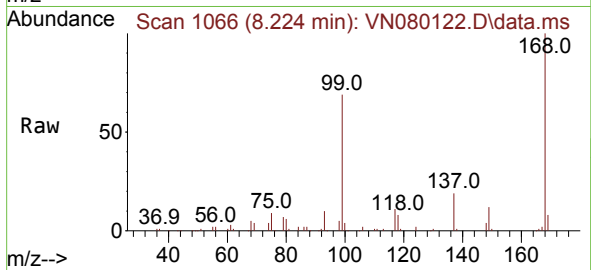
Lab File: VN080122.D

Acq: 15 Nov 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

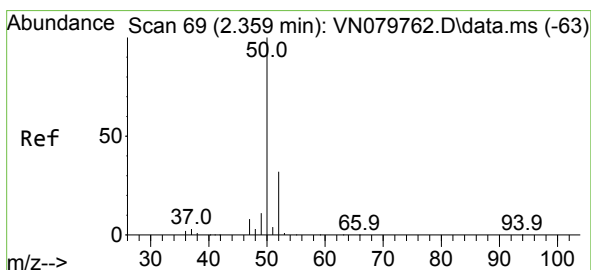
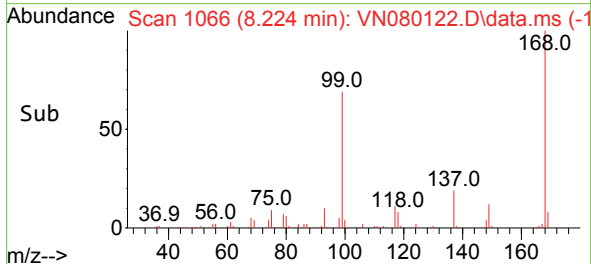
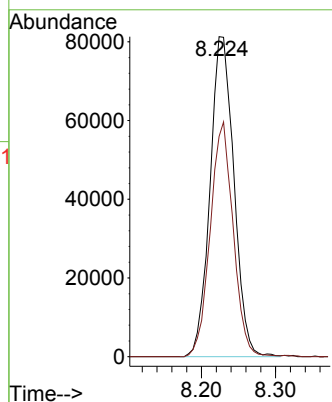


Tgt Ion:168 Resp: 182092

Ion Ratio Lower Upper

168 100

99 68.8 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN080122.D

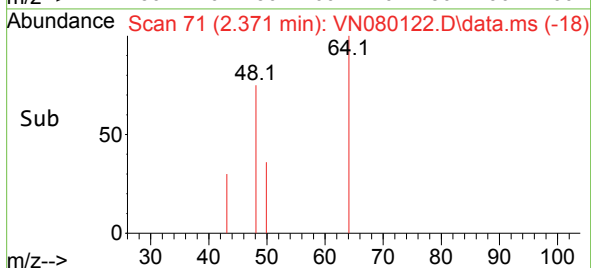
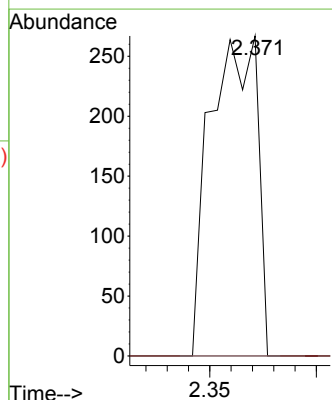
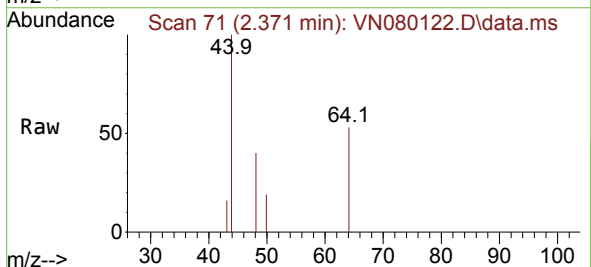
Acq: 15 Nov 2023 19:51

Tgt Ion: 50 Resp: 410

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

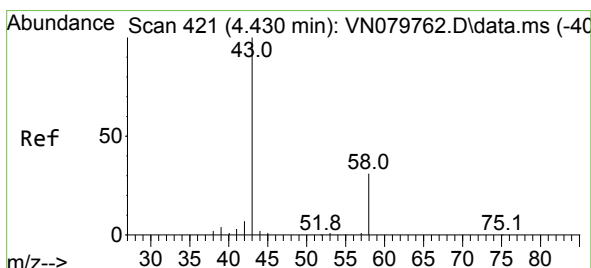
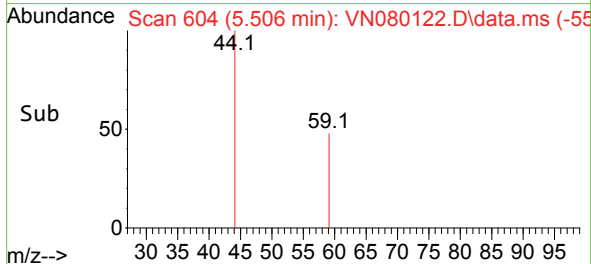
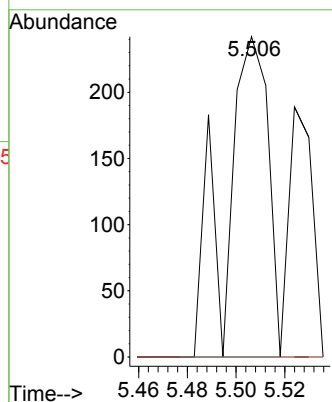
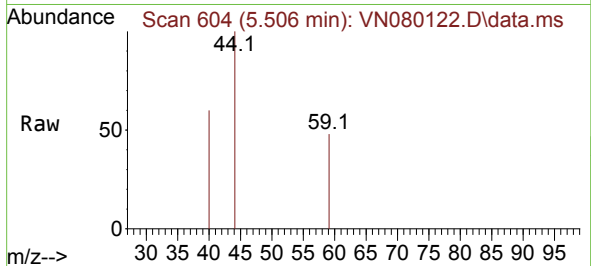




#11
Tert butyl alcohol
Concen: 0.830 ug/l
RT: 5.506 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

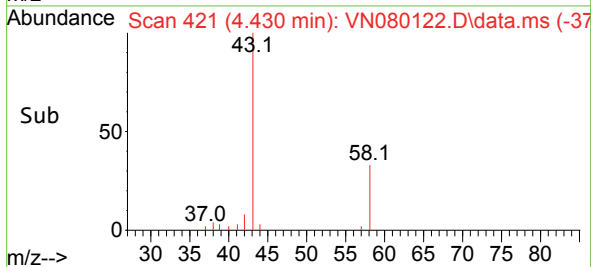
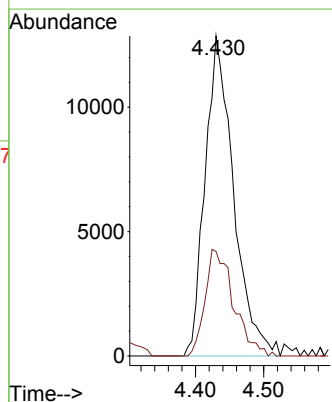
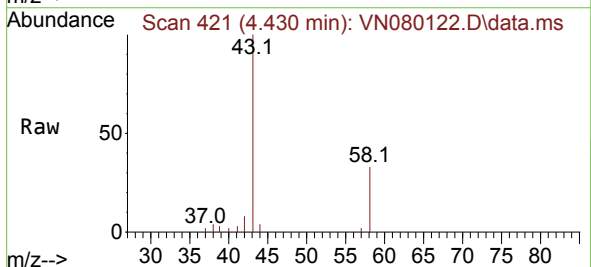
Instrument :
MSVOA_N
ClientSampleId :

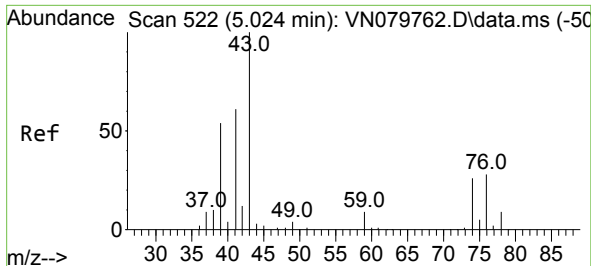
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 38.446 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Tgt Ion: 43 Resp: 37465
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

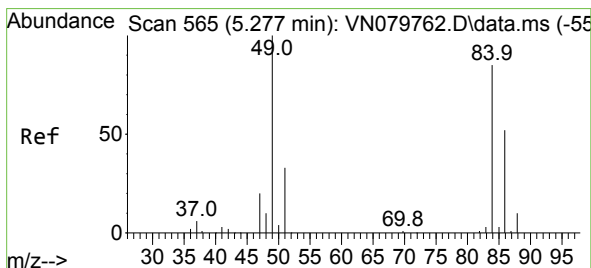
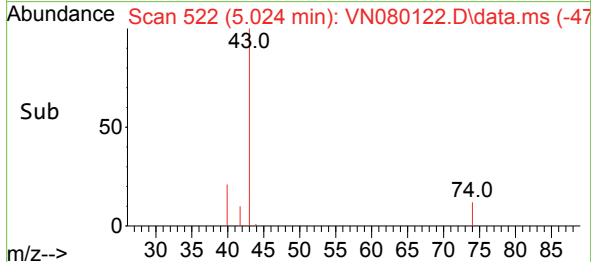
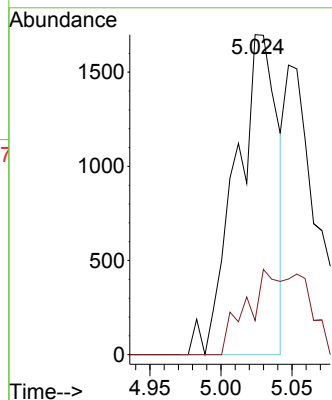
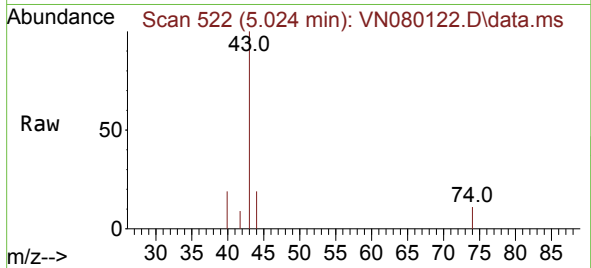




#18
Methyl Acetate
Concen: 0.747 ug/l
RT: 5.024 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

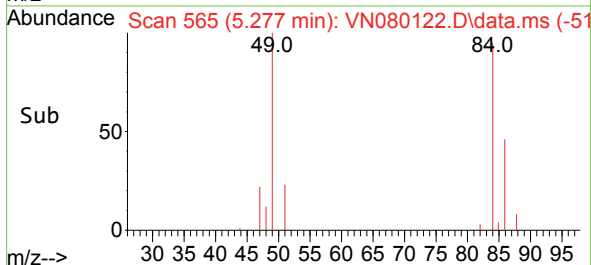
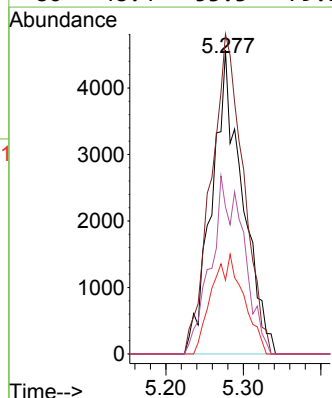
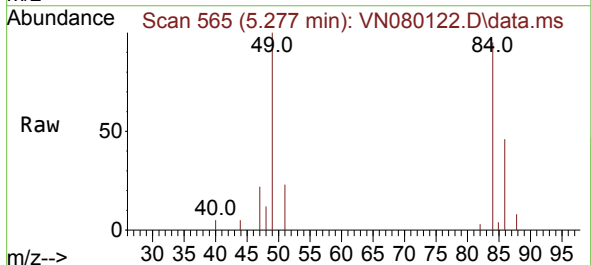
Instrument :
MSVOA_N
ClientSampleId :

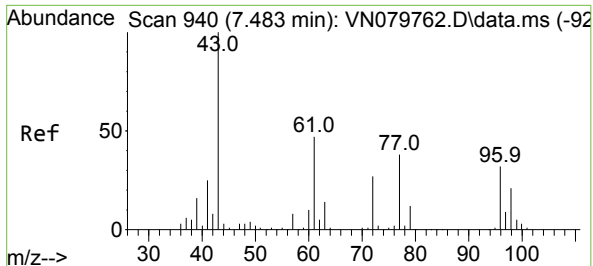
Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
74 21.6 26.2 39.4#



#20
Methylene Chloride
Concen: 5.089 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Tgt Ion: 84 Resp: 12514
Ion Ratio Lower Upper
84 100
49 105.4 79.7 119.5
51 24.3 25.2 37.8#
86 48.4 53.3 79.9#





#25

2-Butanone

Concen: 1.409 ug/l

RT: 7.494 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN080122.D

Acq: 15 Nov 2023 19:51

Instrument :

MSVOA_N

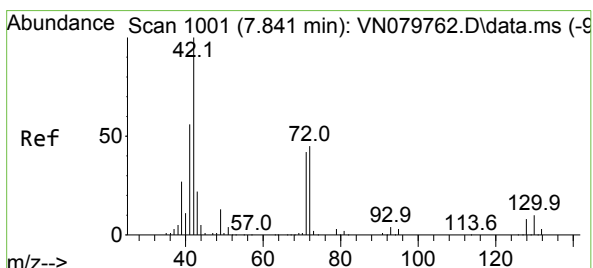
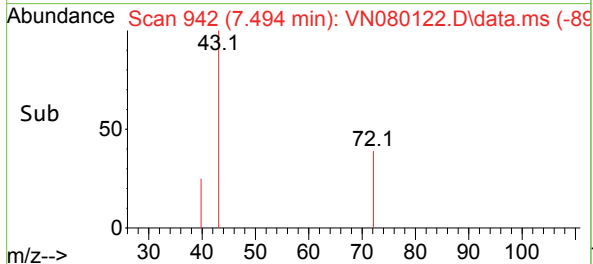
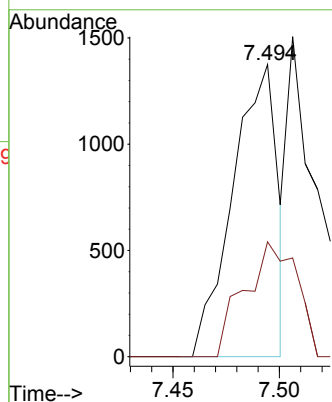
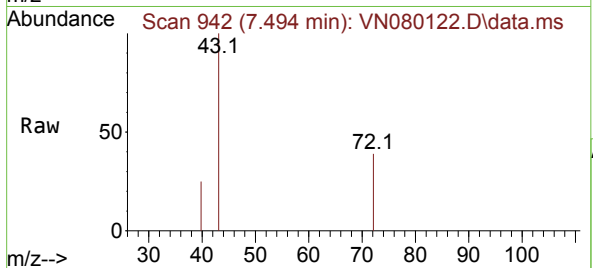
ClientSampleId :

Tgt Ion: 43 Resp: 2011

Ion Ratio Lower Upper

43 100

72 39.3 30.2 45.2



#29

Tetrahydrofuran

Concen: 0.219 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VN080122.D

Acq: 15 Nov 2023 19:51

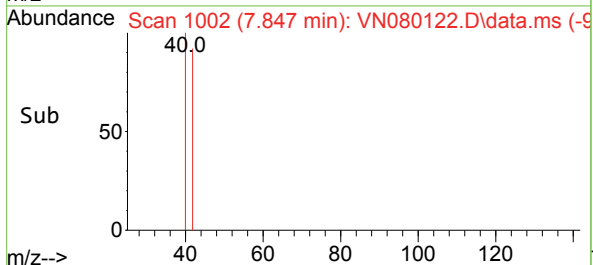
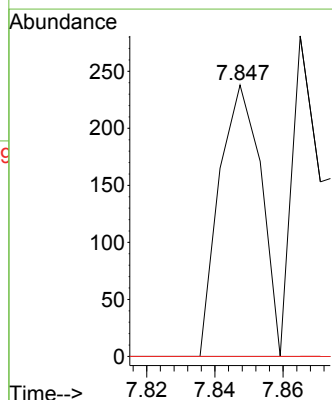
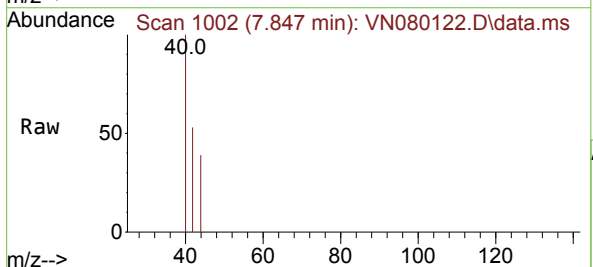
Tgt Ion: 42 Resp: 203

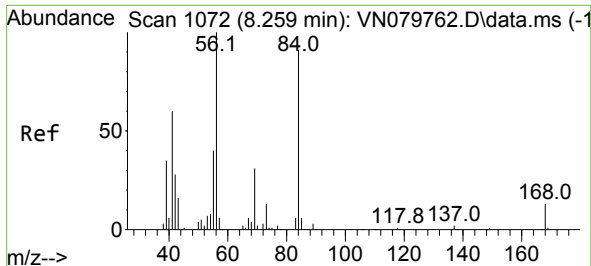
Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

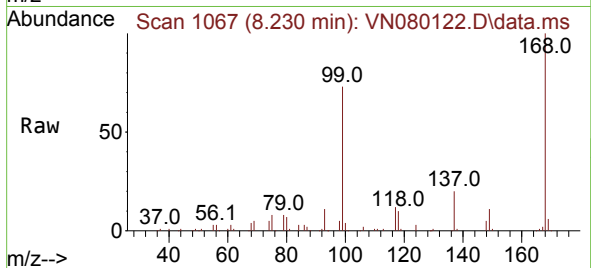
71 0.0 47.4 71.2#



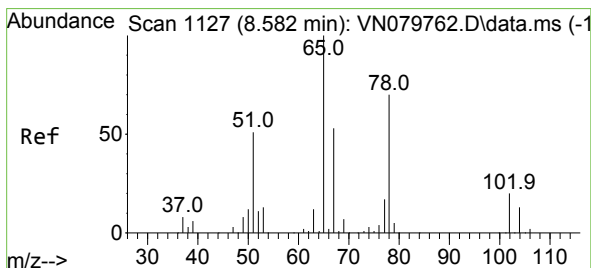
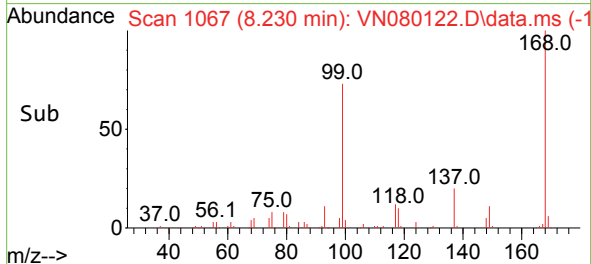
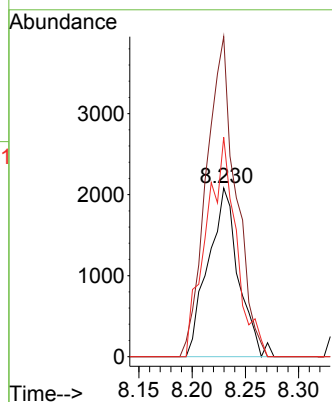


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :

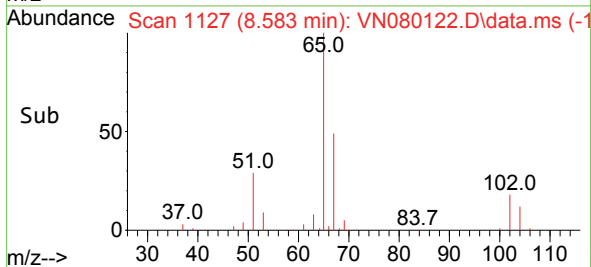
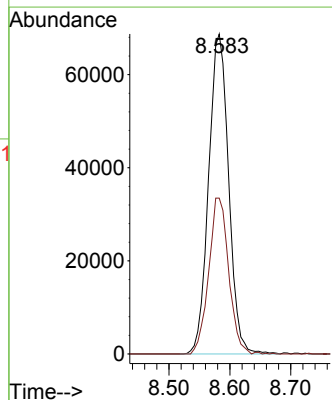
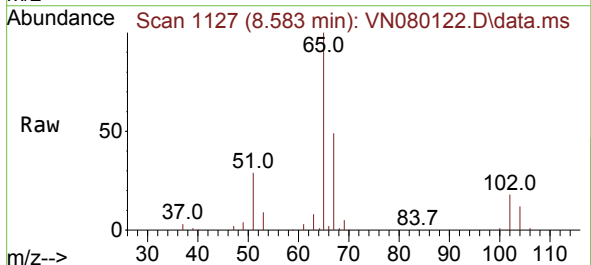


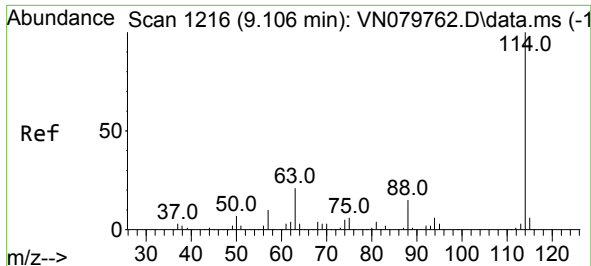
Tgt Ion: 56 Resp: 4112
Ion Ratio Lower Upper
56 100
69 189.7 26.8 40.2#
84 130.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 56.562 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Tgt Ion: 65 Resp: 156917
Ion Ratio Lower Upper
65 100
67 48.8 0.0 106.6

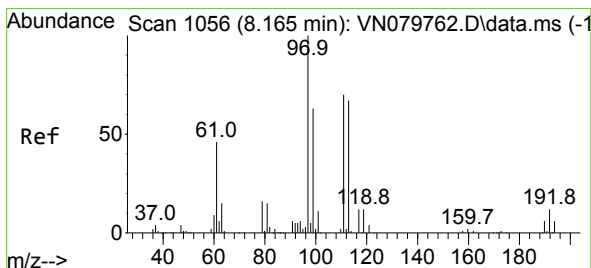
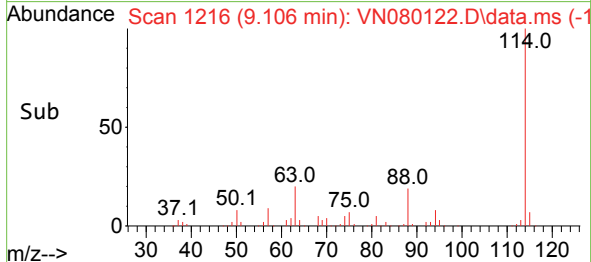
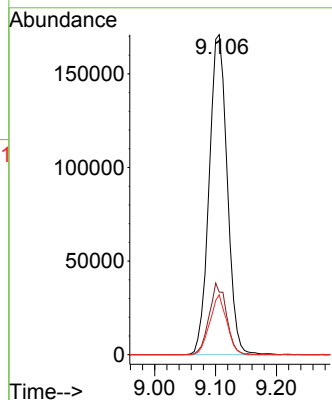
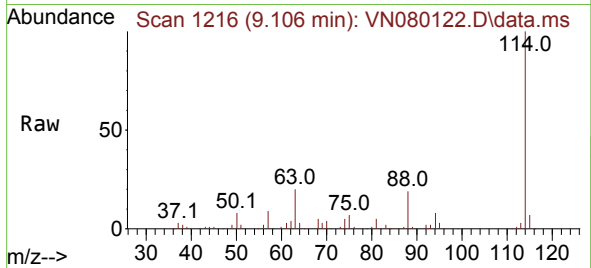




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

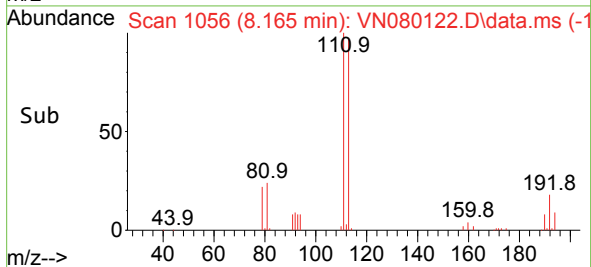
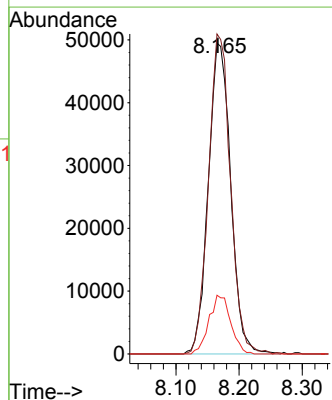
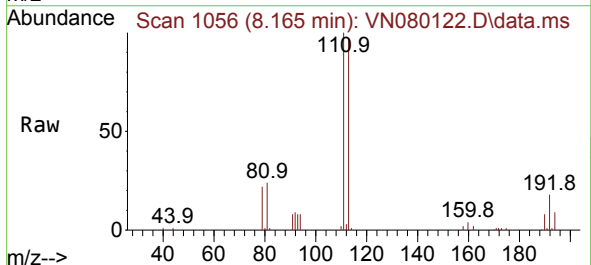
Instrument :
MSVOA_N
ClientSampleId :

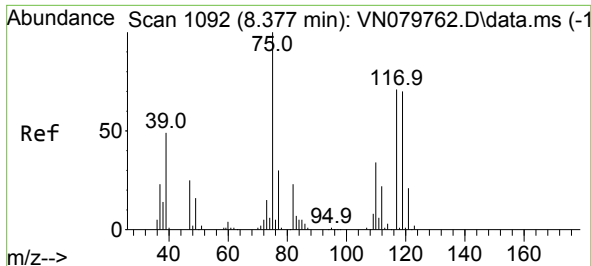
Tgt Ion:114 Resp: 352573
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 18.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.848 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

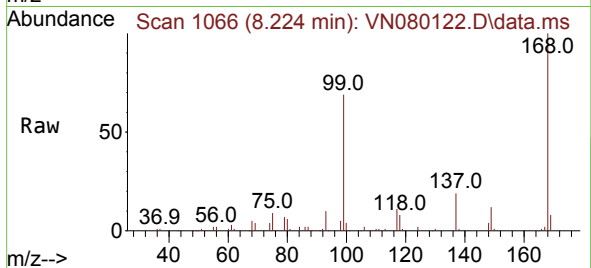
Tgt Ion:113 Resp: 121894
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 18.3 12.7 19.1



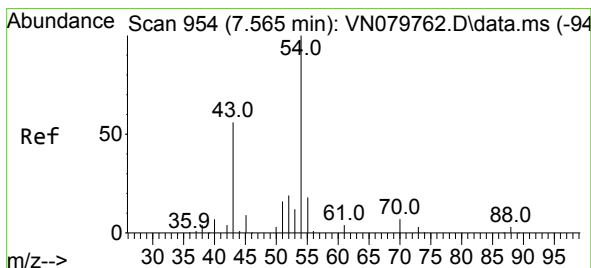
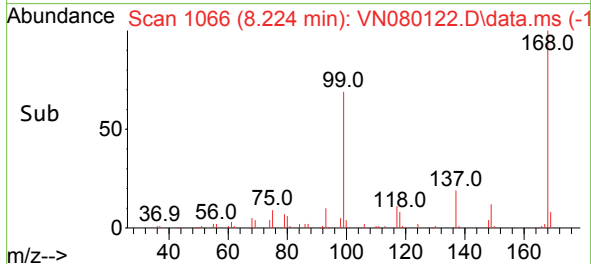
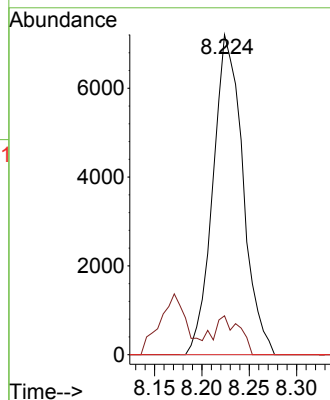


#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :

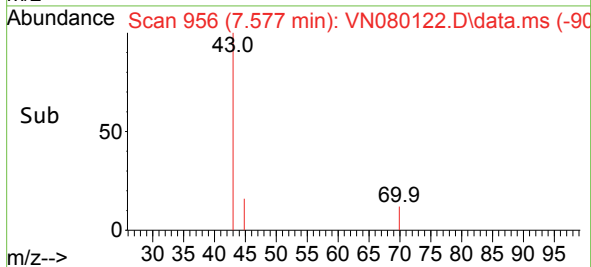
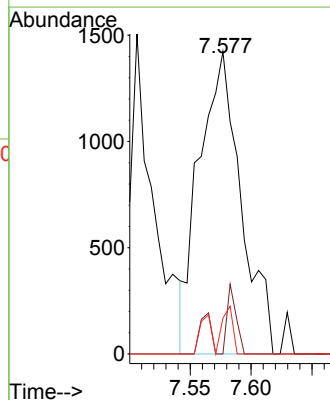
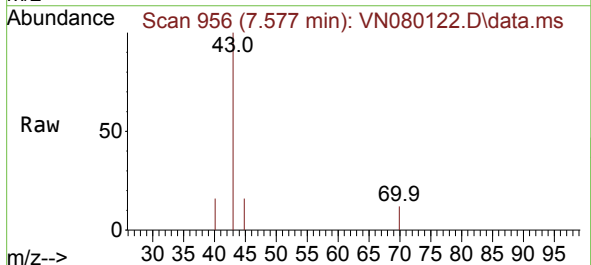


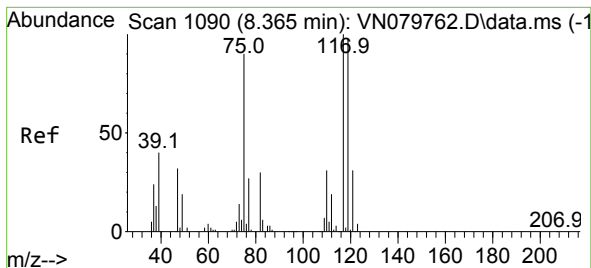
Tgt Ion: 75 Resp: 15841
Ion Ratio Lower Upper
75 100
110 10.6 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.034 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.012 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Tgt Ion: 43 Resp: 3380
Ion Ratio Lower Upper
43 100
61 5.0 13.2 19.8#
70 4.1 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.977 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.129 min

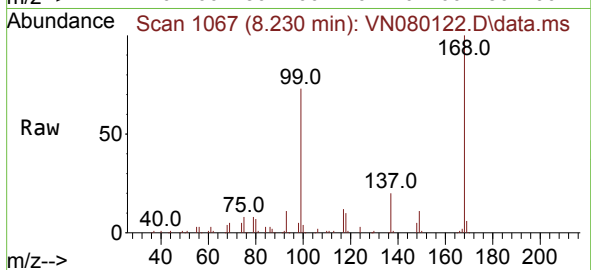
Lab File: VN080122.D

Acq: 15 Nov 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :



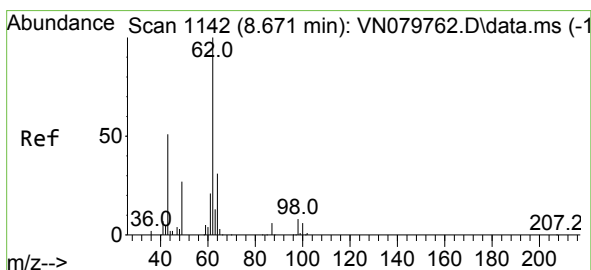
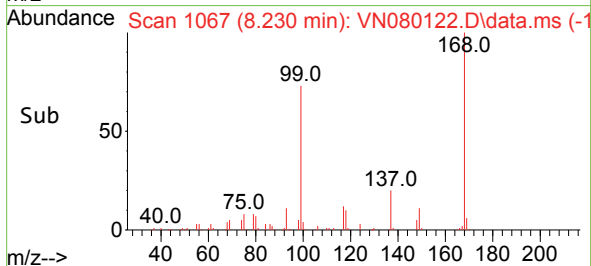
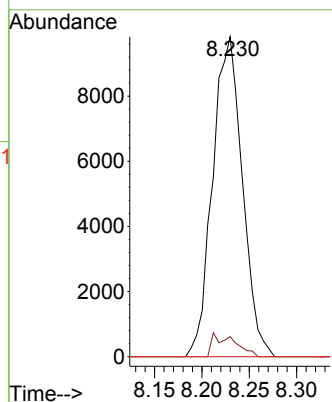
Tgt Ion:117 Resp: 21462

Ion Ratio Lower Upper

117 100

119 6.2 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.342 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN080122.D

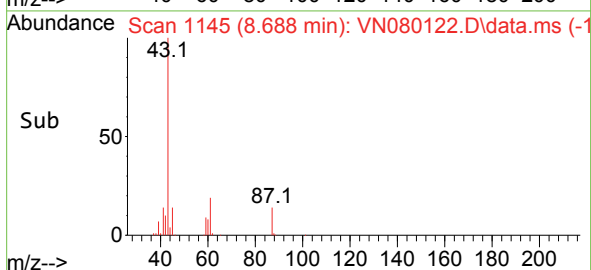
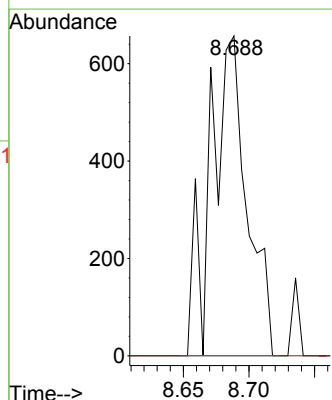
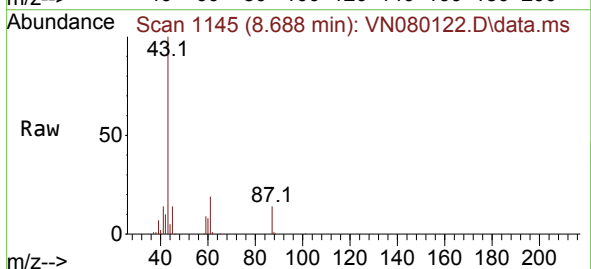
Acq: 15 Nov 2023 19:51

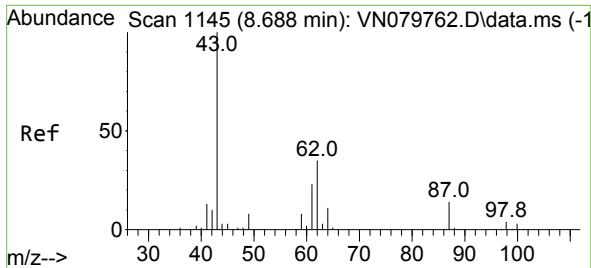
Tgt Ion: 62 Resp: 1274

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

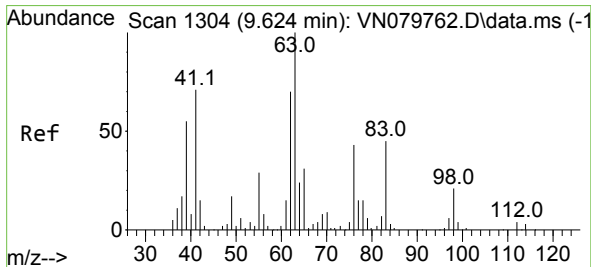
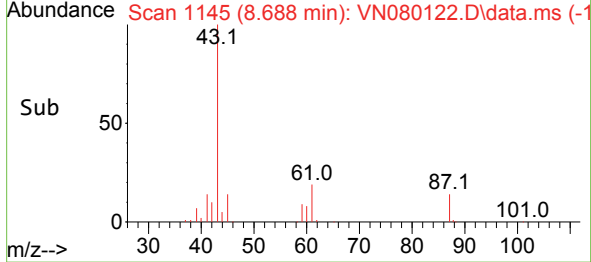
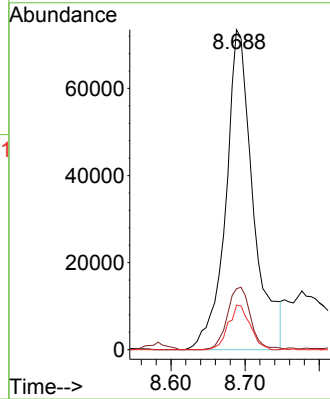
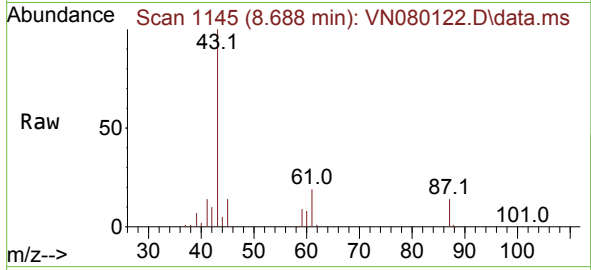




#43
Isopropyl Acetate
Concen: 32.952 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

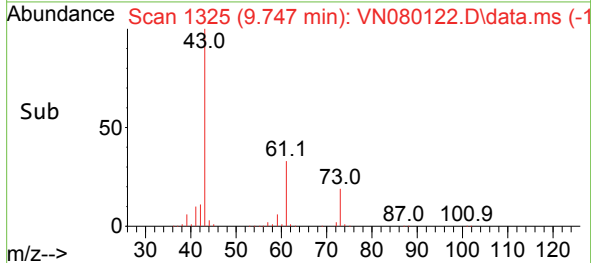
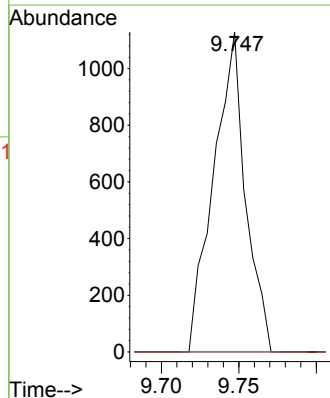
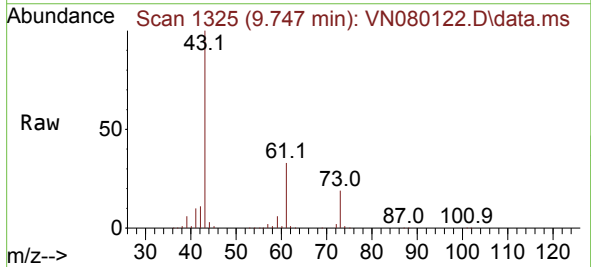
Instrument :
MSVOA_N
ClientSampleId :

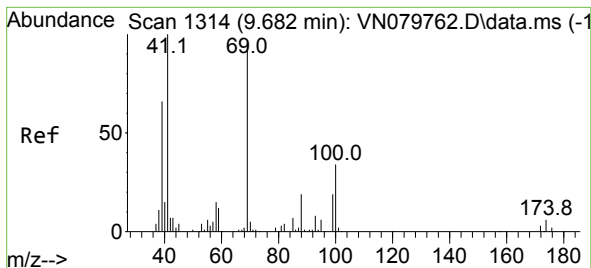
Tgt Ion: 43 Resp: 188832
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 11.0 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.593 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Tgt Ion: 63 Resp: 1616
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 1.451 ug/l

RT: 9.677 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080122.D

Acq: 15 Nov 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

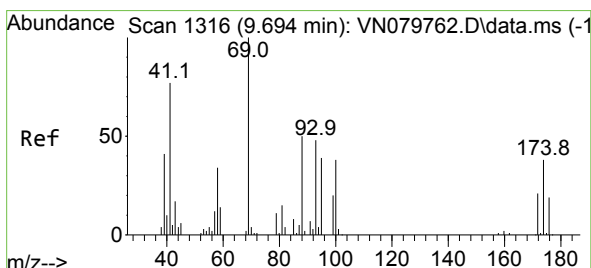
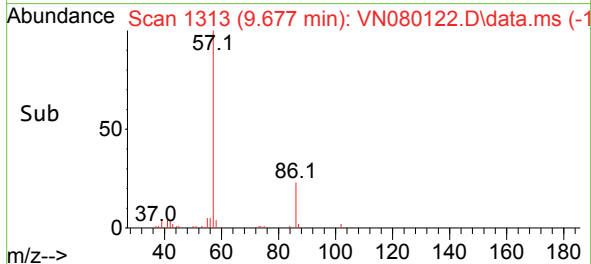
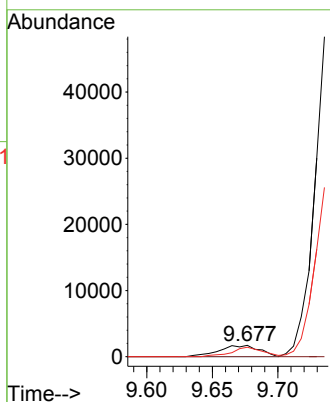
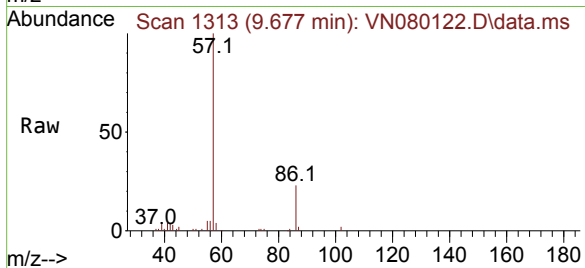
Tgt Ion: 41 Resp: 3642

Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 64.6 54.6 81.8



#49

1,4-Dioxane

Concen: 2.886 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.047 min

Lab File: VN080122.D

Acq: 15 Nov 2023 19:51

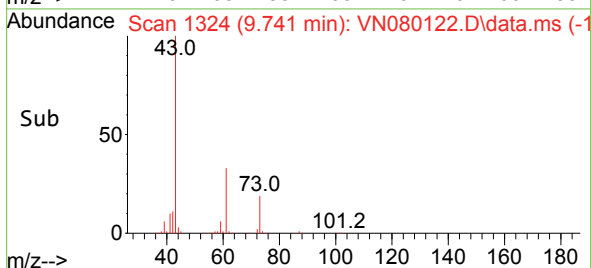
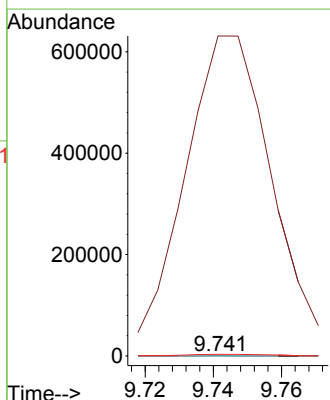
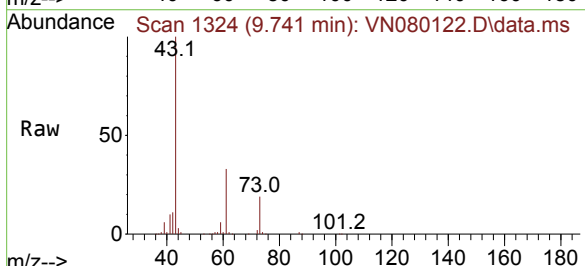
Tgt Ion: 88 Resp: 128

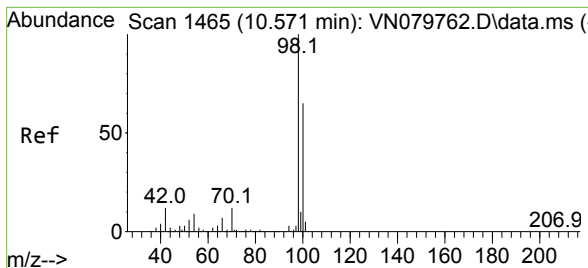
Ion Ratio Lower Upper

88 100

43 898346.9 17.0 25.6#

58 4864.1 47.0 70.4#

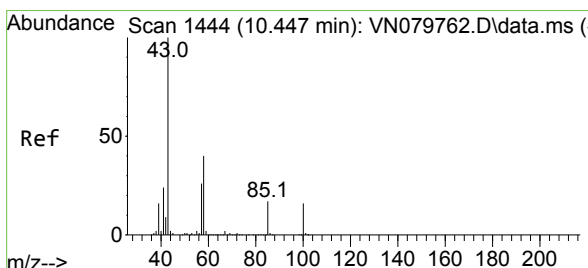
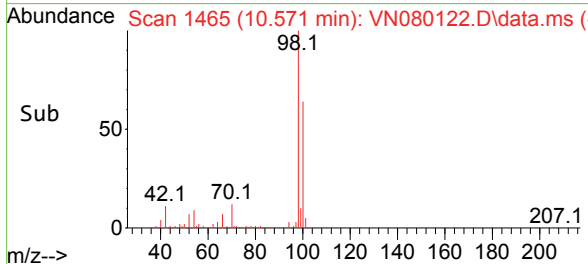
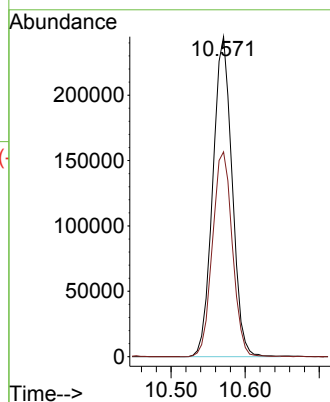
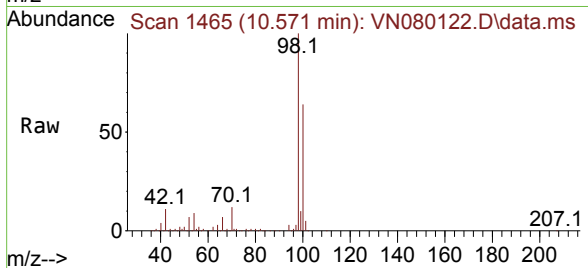




#50
Toluene-d8
Concen: 48.156 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

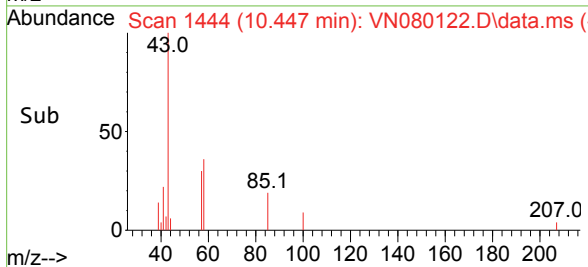
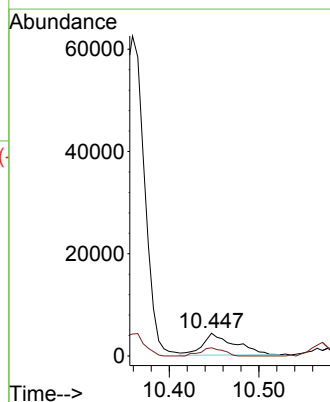
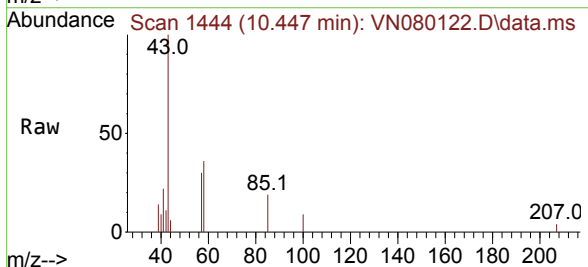
Instrument :
MSVOA_N
ClientSampleId :

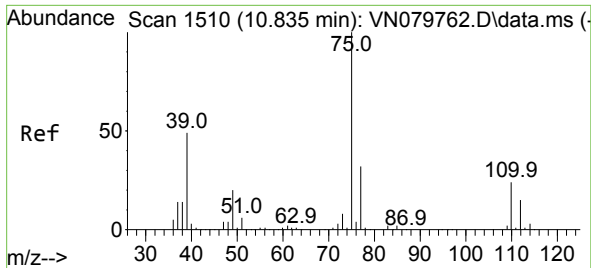
Tgt Ion: 98 Resp: 442379
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 3.278 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Tgt Ion: 43 Resp: 10576
Ion Ratio Lower Upper
43 100
58 26.9 36.6 54.8#

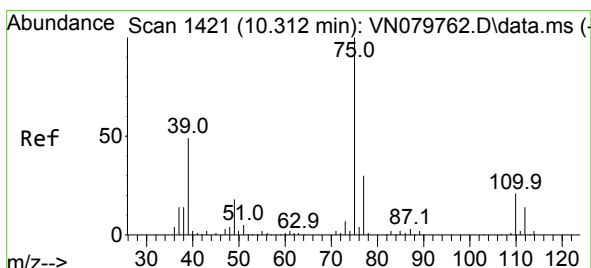
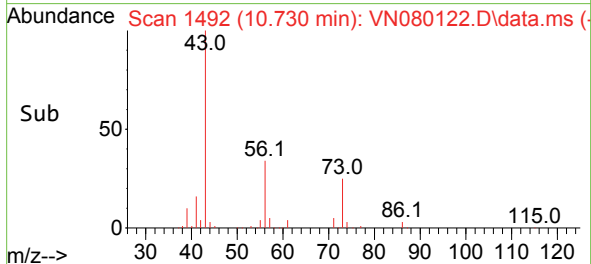
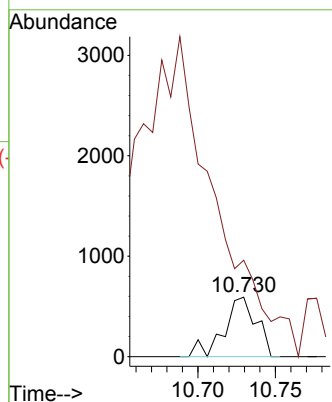
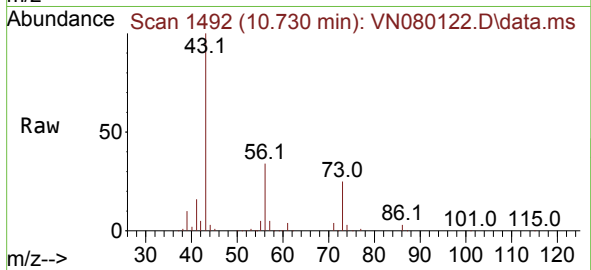




#53
 t-1,3-Dichloropropene
 Concen: 0.220 ug/l
 RT: 10.730 min Scan# 1492
 Delta R.T. -0.112 min
 Lab File: VN080122.D
 Acq: 15 Nov 2023 19:51

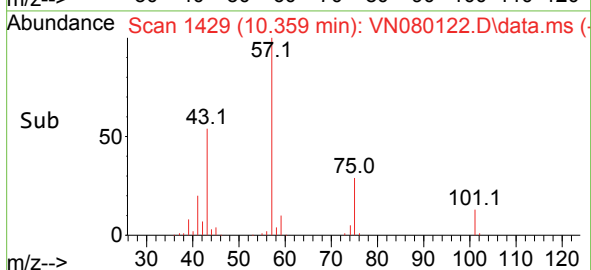
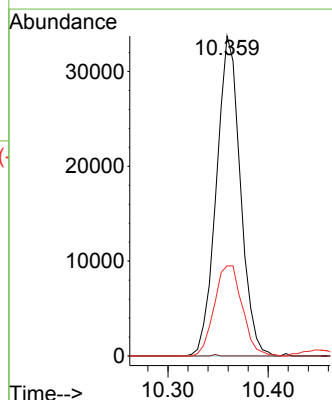
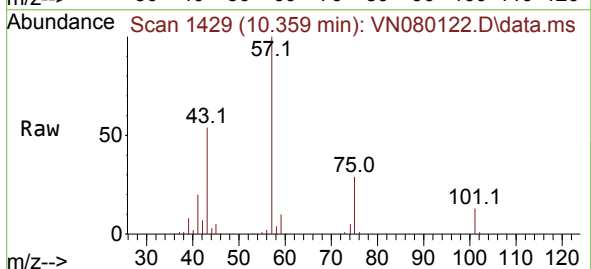
Instrument :
 MSVOA_N
 ClientSampleId :

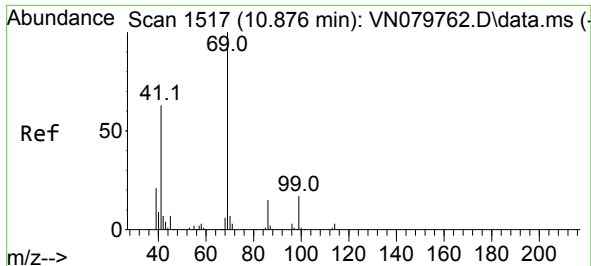
Tgt Ion: 75 Resp: 855
 Ion Ratio Lower Upper
 75 100
 77 95.4 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 13.175 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN080122.D
 Acq: 15 Nov 2023 19:51

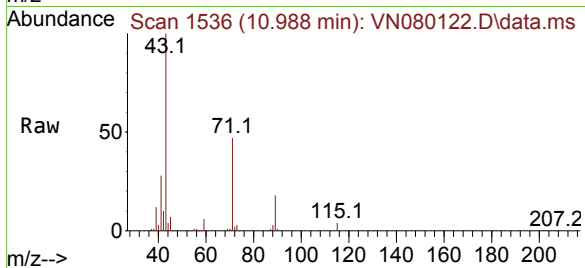
Tgt Ion: 75 Resp: 55911
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 28.1 31.6 47.4#



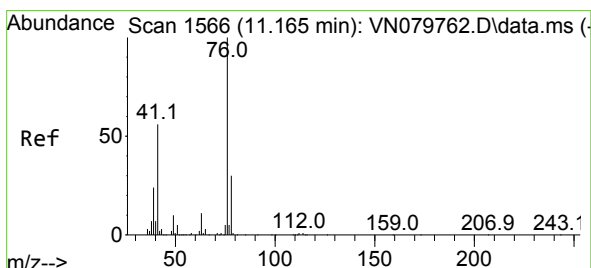
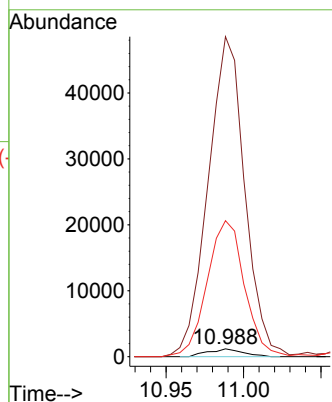
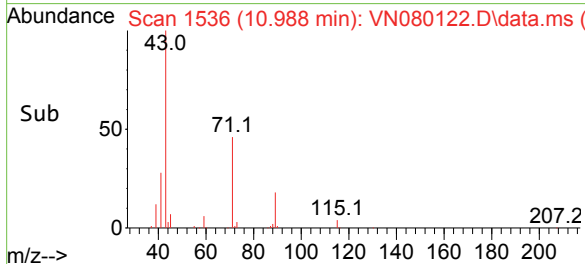


#56
Ethyl methacrylate
Concen: 0.517 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :

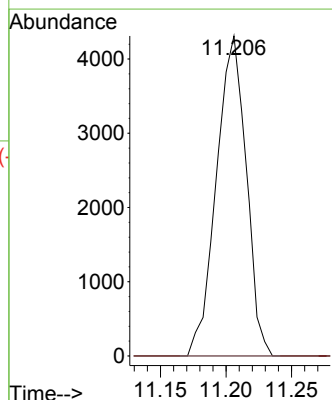
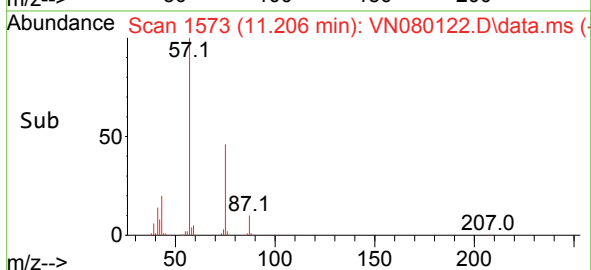
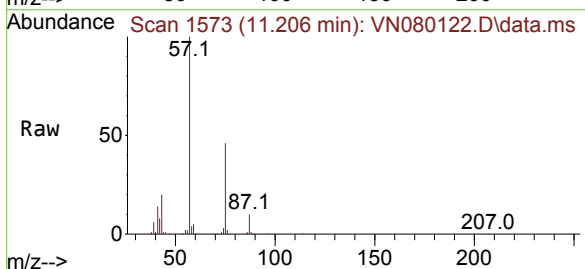


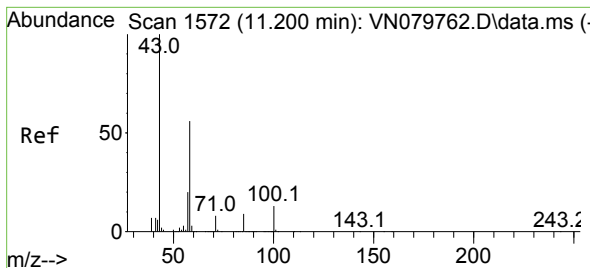
Tgt Ion: 69 Resp: 1875
Ion Ratio Lower Upper
69 100
41 4259.9 39.6 59.4#
39 1850.6 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.521 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Tgt Ion: 76 Resp: 6823
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

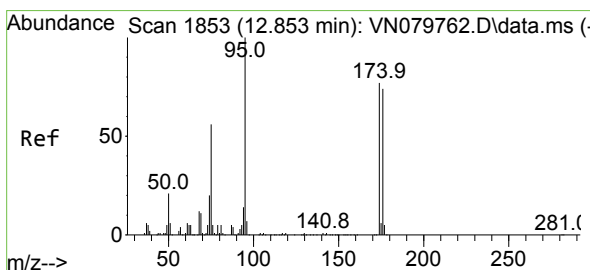
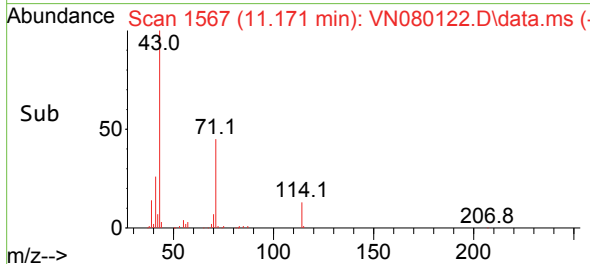
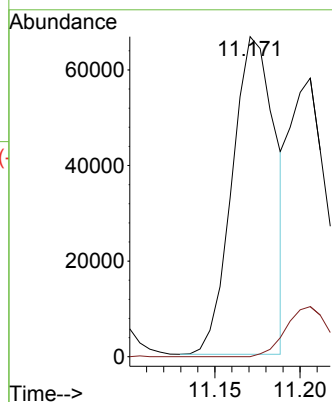
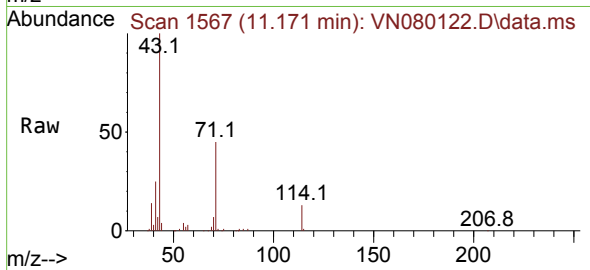




#59
2-Hexanone
Concen: 47.319 ug/l
RT: 11.171 min Scan# 11171
Delta R.T. -0.029 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

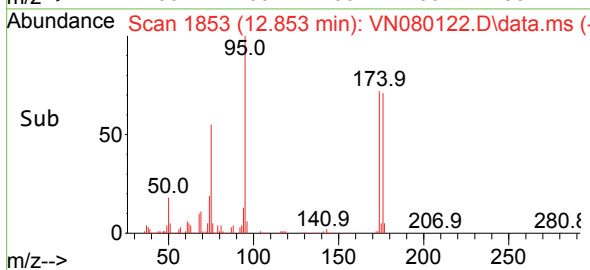
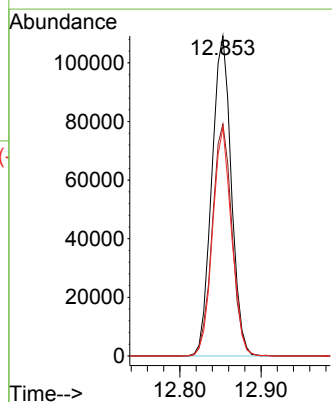
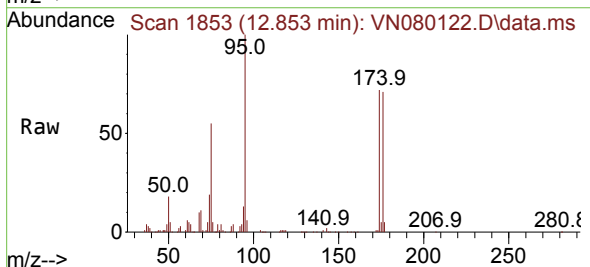
Instrument :
MSVOA_N
ClientSampleId :

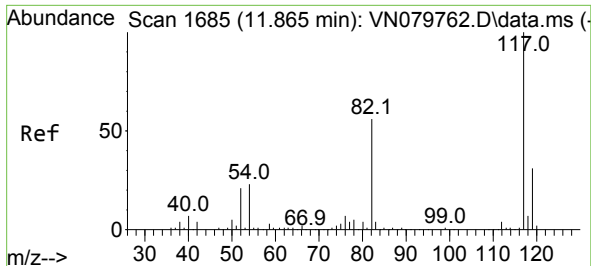
Tgt Ion: 43 Resp: 116786
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 59.681 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

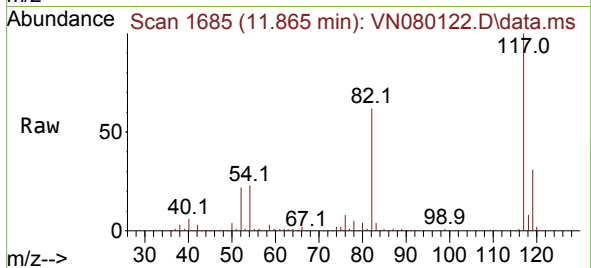
Tgt Ion: 95 Resp: 181829
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 69.7 0.0 135.8



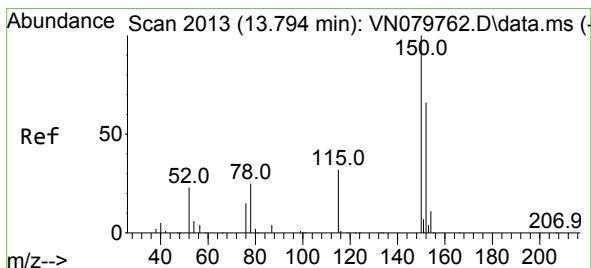
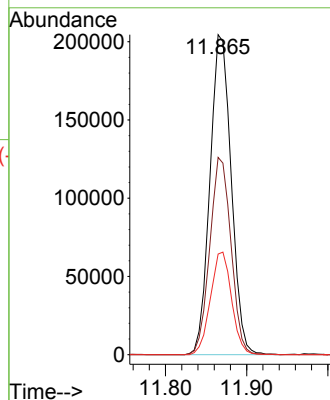
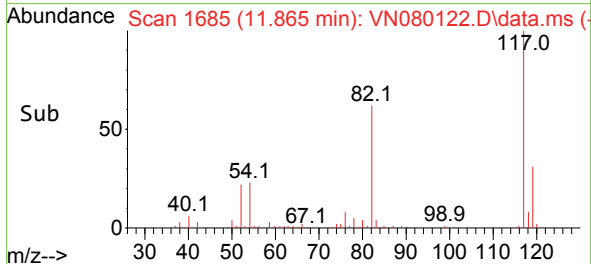


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

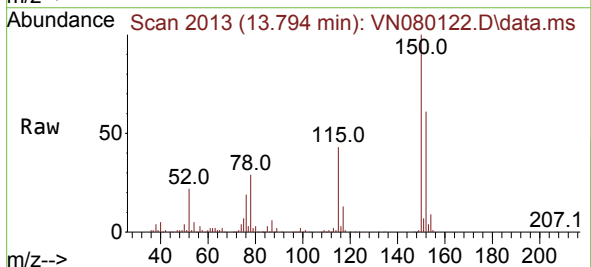
Instrument :
MSVOA_N
ClientSampleId :



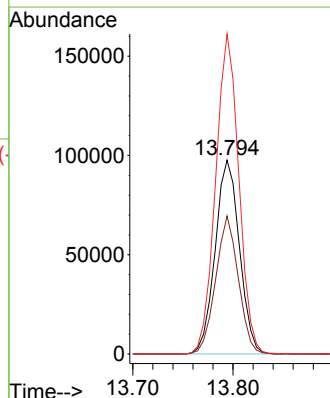
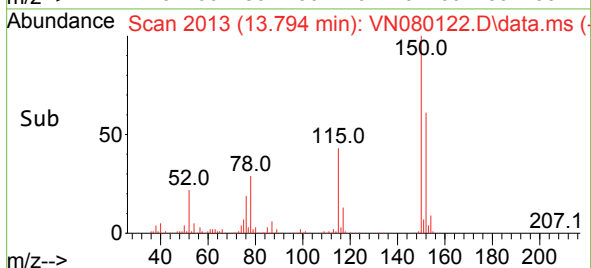
Tgt Ion:117 Resp: 371860
Ion Ratio Lower Upper
117 100
82 61.7 44.0 66.0
119 31.4 25.6 38.4

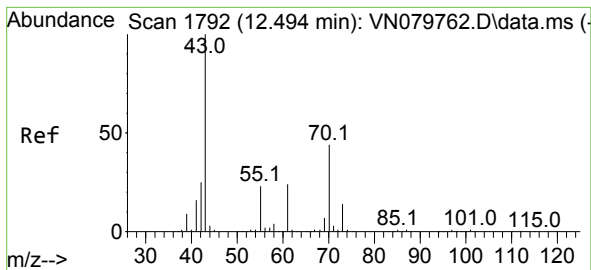


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51



Tgt Ion:152 Resp: 163631
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 158.0 0.0 355.8





#74

N-amy1 acetate

Concen: 0.352 ug/l

RT: 12.500 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080122.D

Acq: 15 Nov 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 1906

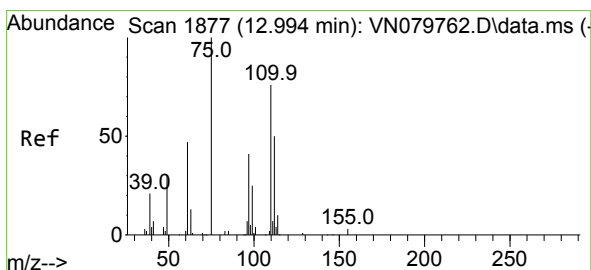
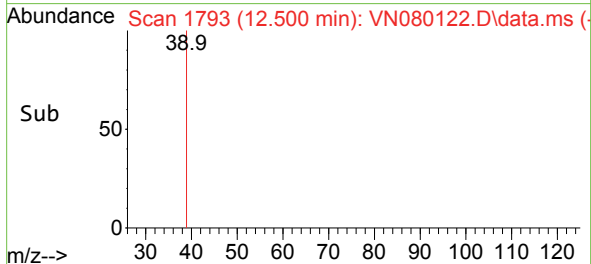
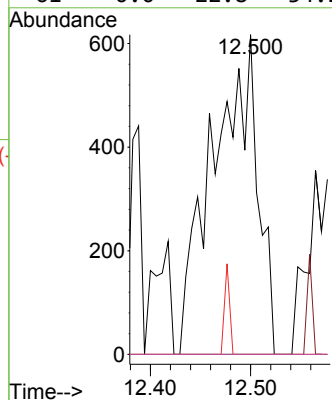
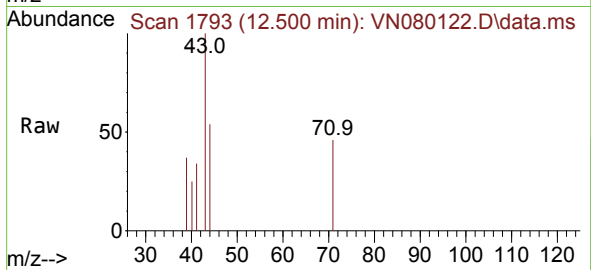
Ion Ratio Lower Upper

43 100

70 0.0 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 26.340 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080122.D

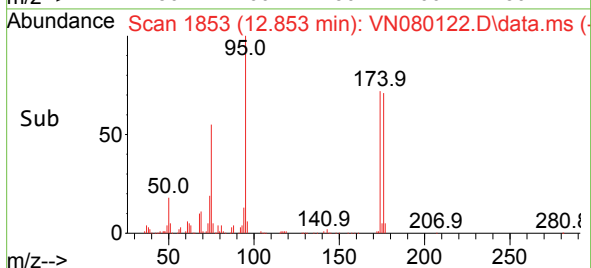
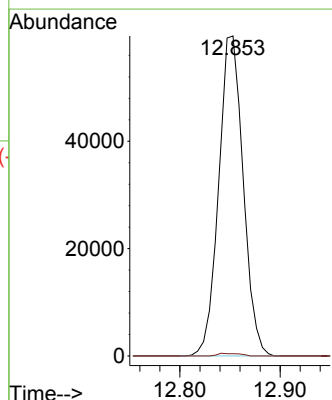
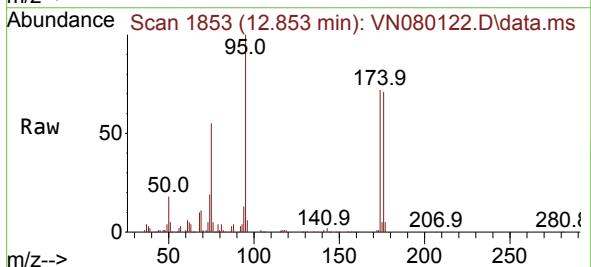
Acq: 15 Nov 2023 19:51

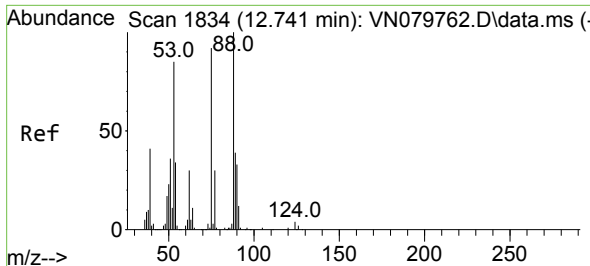
Tgt Ion: 75 Resp: 101187

Ion Ratio Lower Upper

75 100

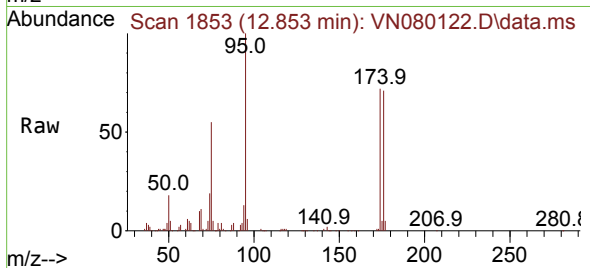
77 0.7 84.5 253.5#



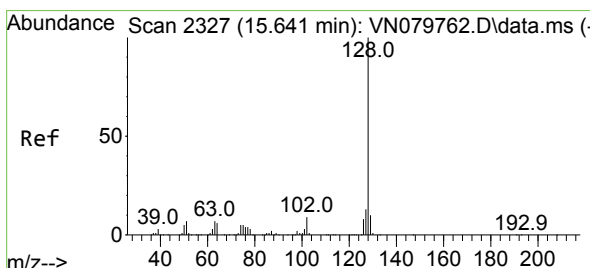
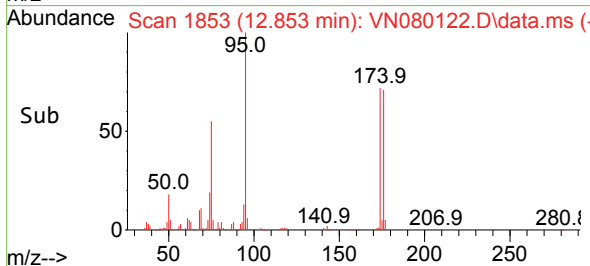
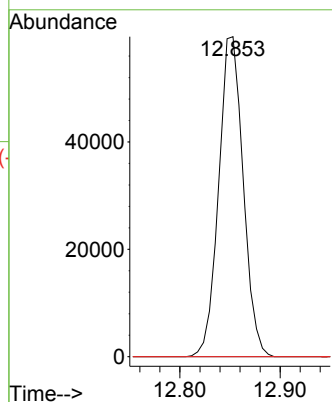


#81
trans-1,4-Dichloro-2-butene
Concen: 71.665 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 101187
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.469 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080122.D
Acq: 15 Nov 2023 19:51

Tgt Ion:128 Resp: 4039
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 9.7 8.7 13.1

