

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080162.D
 Acq On : 17 Nov 2023 14:53
 Operator : JC\MD
 Sample : 05447-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 18 02:30:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

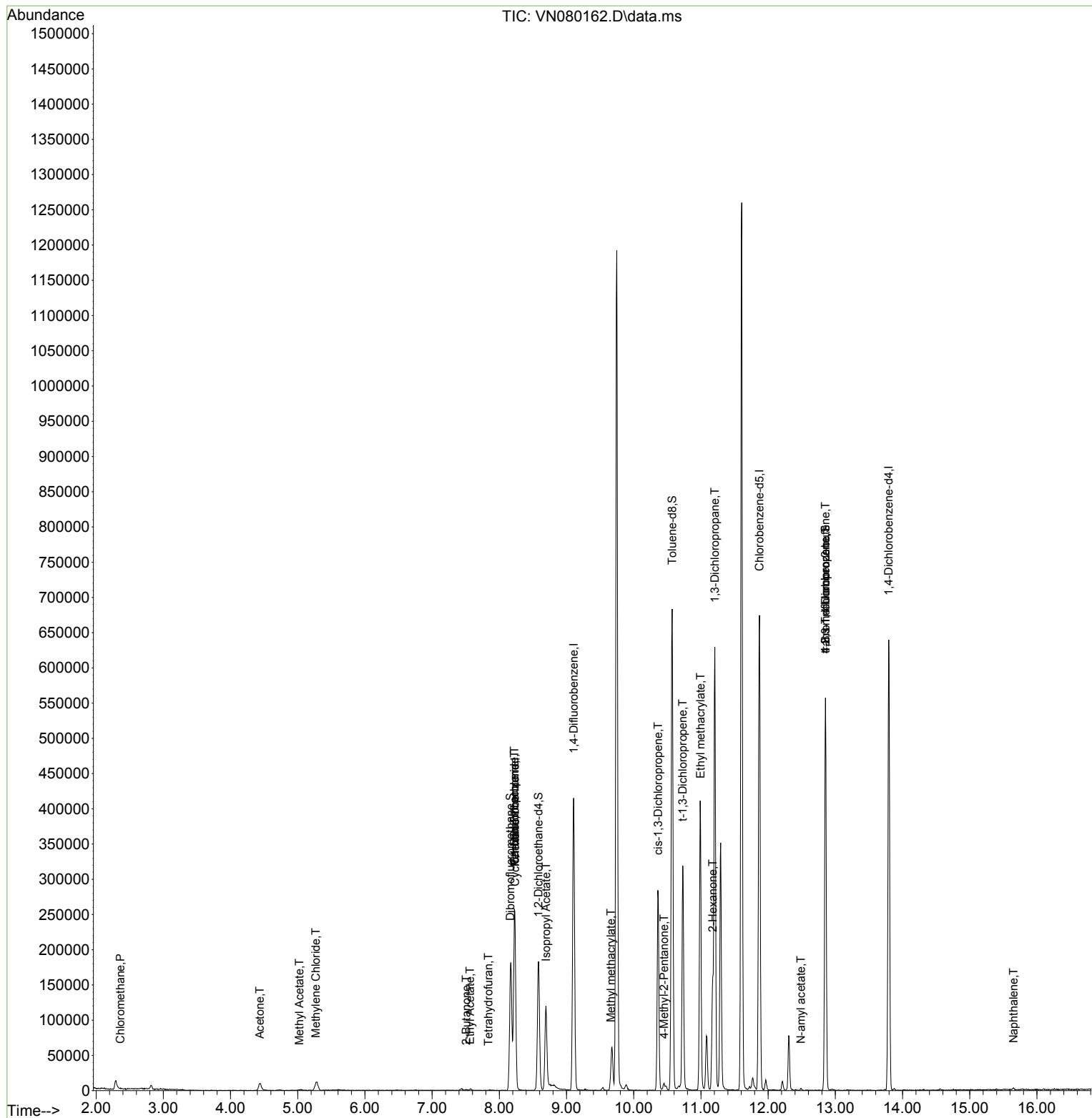
Internal Standards						
1) Pentafluorobenzene	8.230	168	180205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	386118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	165045	55.469	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 110.940%		
35) Dibromofluoromethane	8.165	113	126623	49.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 99.500%		
50) Toluene-d8	10.571	98	479994	52.311	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 104.620%		
62) 4-Bromofluorobenzene	12.853	95	193951	55.961	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 111.920%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	440	0.218	ug/l #	42
6) Chloroethane	3.124	64	134	Below Cal	#	43
16) Acetone	4.436	43	19726	19.738	ug/l	93
18) Methyl Acetate	5.024	43	1025	0.319	ug/l #	82
20) Methylene Chloride	5.271	84	10280	4.912	ug/l	98
25) 2-Butanone	7.506	43	1712	1.442	ug/l #	74
29) Tetrahydrofuran	7.836	42	138	0.216	ug/l #	20
31) Cyclohexane	8.236	56	4205	1.299	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	15528	4.214	ug/l #	49
37) Ethyl Acetate	7.565	43	2963	1.159	ug/l #	71
38) Carbon Tetrachloride	8.224	117	21287	4.552	ug/l #	16
43) Isopropyl Acetate	8.694	43	134337	27.006	ug/l #	83
48) Methyl methacrylate	9.659	41	3758	1.466	ug/l #	28
51) 4-Methyl-2-Pentanone	10.453	43	5127	1.991	ug/l	96
53) t-1,3-Dichloropropene	10.730	75	1033	0.248	ug/l #	40
54) cis-1,3-Dichloropropene	10.365	75	53552	12.588	ug/l #	63
56) Ethyl methacrylate	10.994	69	2048	0.801	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6394	1.464	ug/l #	42
59) 2-Hexanone	11.177	43	120927	58.435	ug/l #	19
74) N-amyl acetate	12.488	43	937	0.228	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	106405	25.602	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	106405	86.497	ug/l #	15
95) Naphthalene	15.653	128	2739	0.283	ug/l #	87

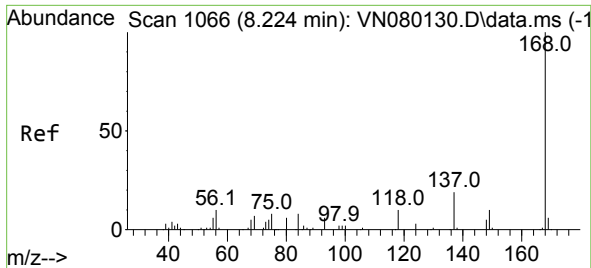
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
Data File : VN080162.D
Acq On : 17 Nov 2023 14:53
Operator : JC\MD
Sample : 05447-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

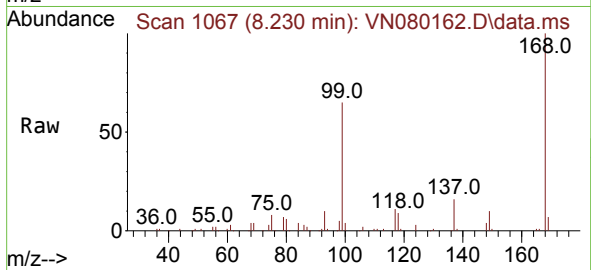
Quant Time: Nov 18 02:30:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



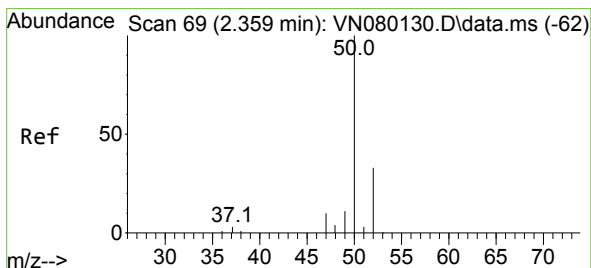
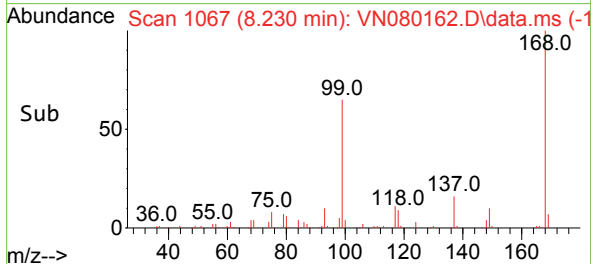
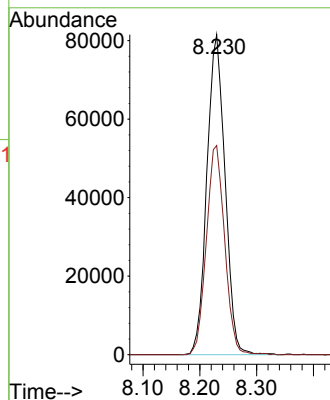


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

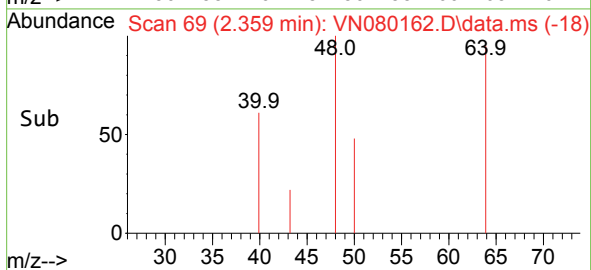
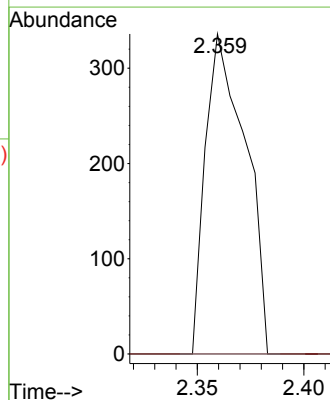
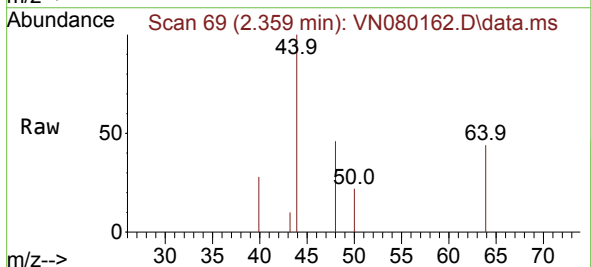


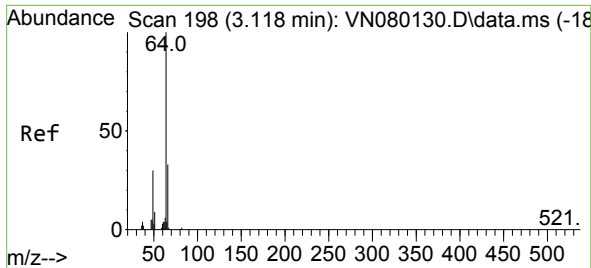
Tgt Ion:168 Resp: 180205
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#3
Chloromethane
Concen: 0.218 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Tgt Ion: 50 Resp: 440
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

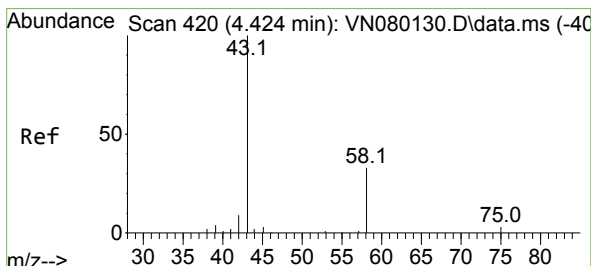
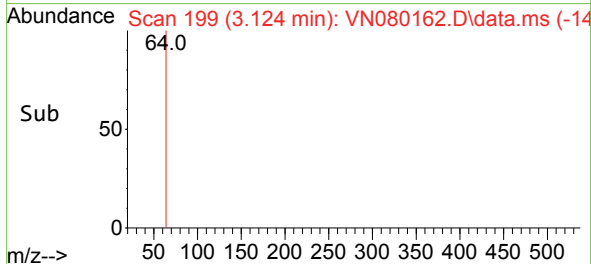
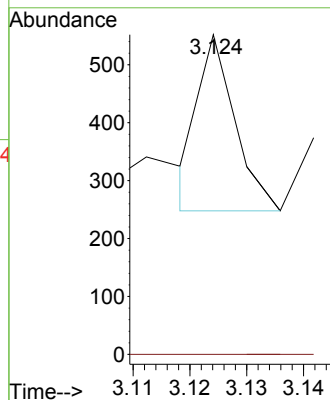
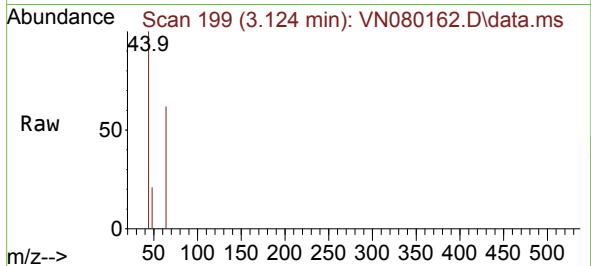




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

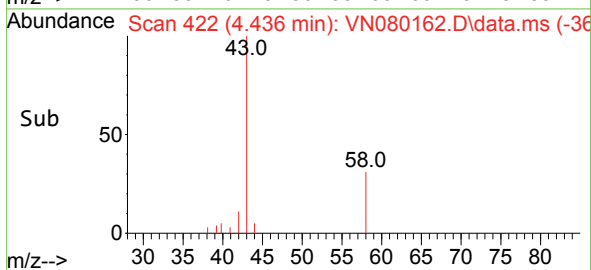
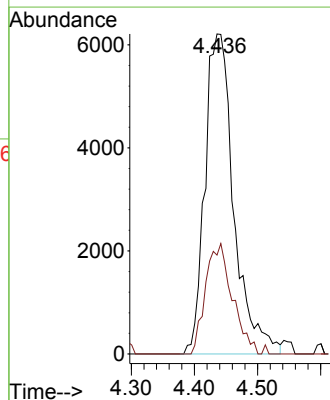
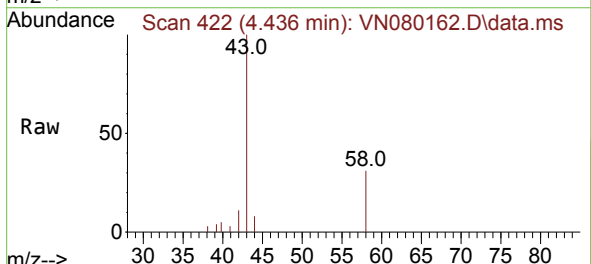
Instrument :
MSVOA_N
ClientSampleId :

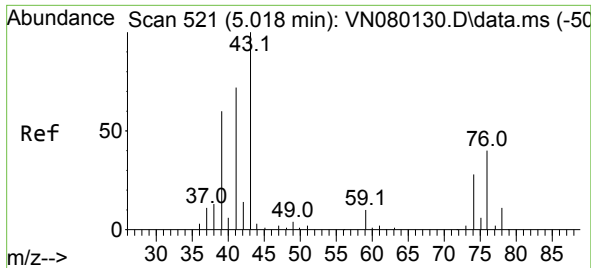
Tgt Ion: 64 Resp: 134
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 19.738 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Tgt Ion: 43 Resp: 19726
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

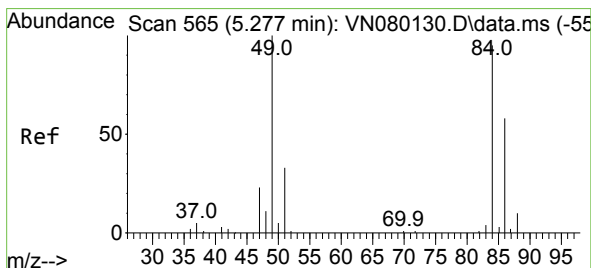
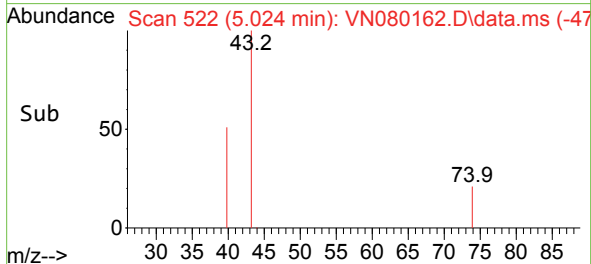
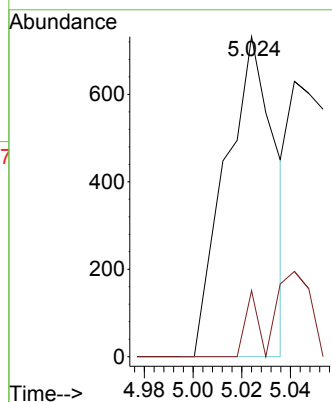
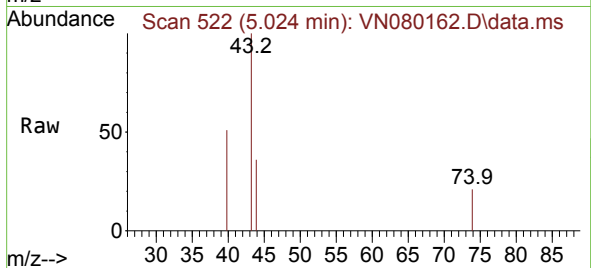




#18
Methyl Acetate
Concen: 0.319 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

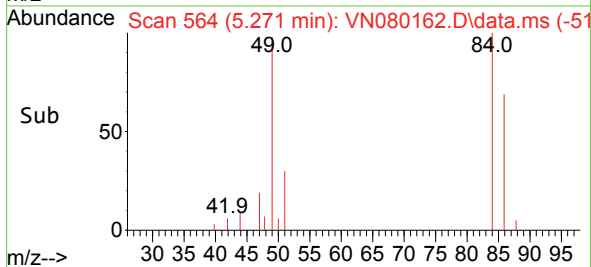
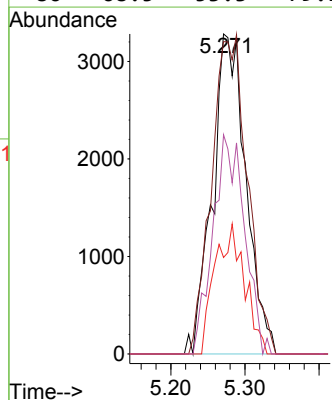
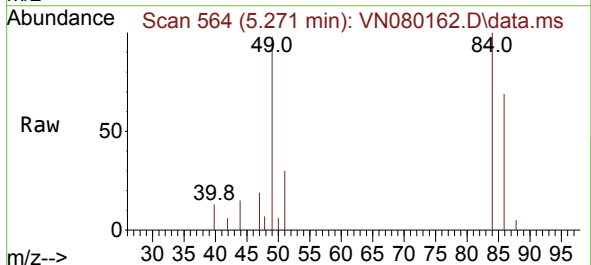
Instrument :
MSVOA_N
ClientSampleId :

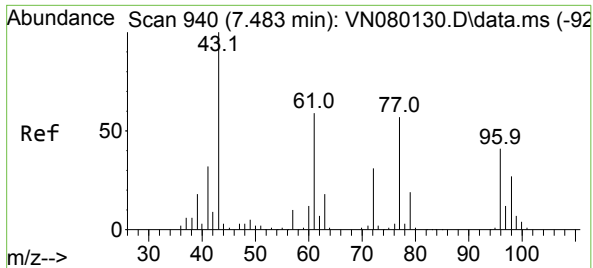
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
74 22.9 26.2 39.4#



#20
Methylene Chloride
Concen: 4.912 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Tgt Ion: 84 Resp: 10280
Ion Ratio Lower Upper
84 100
49 97.6 79.7 119.5
51 30.2 25.2 37.8
86 68.5 53.3 79.9

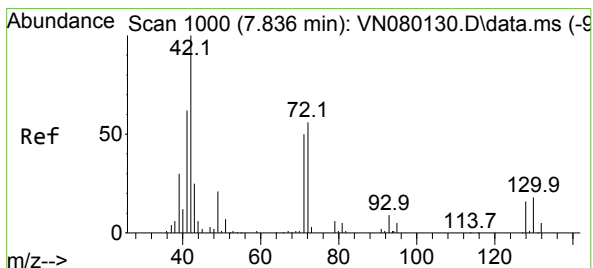
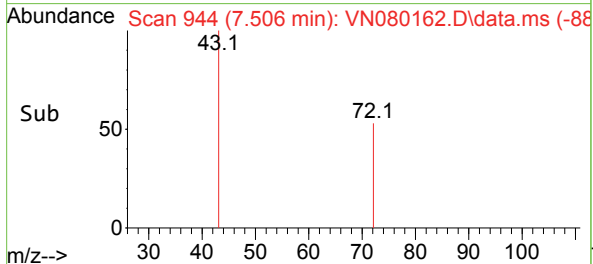
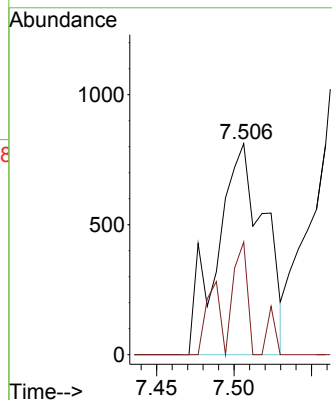
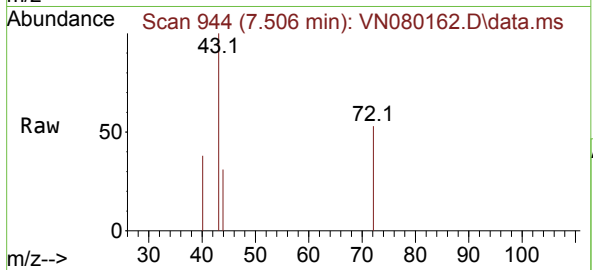




#25
2-Butanone
Concen: 1.442 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.024 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

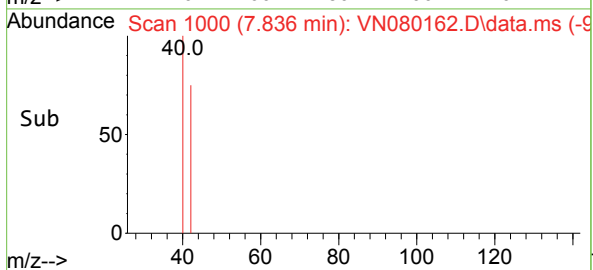
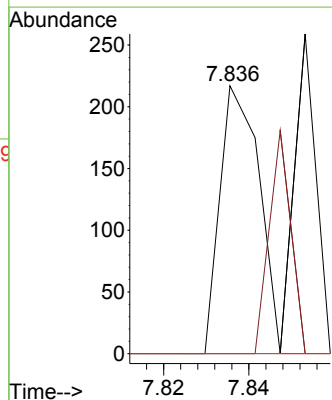
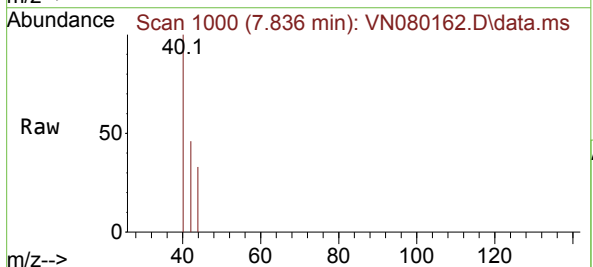
Instrument :
MSVOA_N
ClientSampleId :

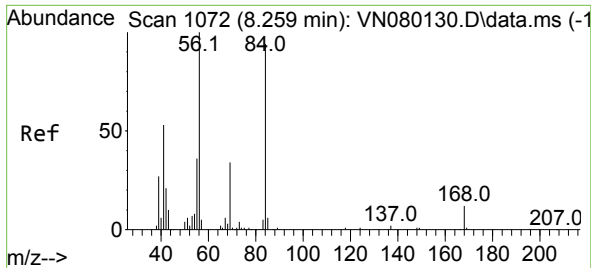
Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
72 53.3 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

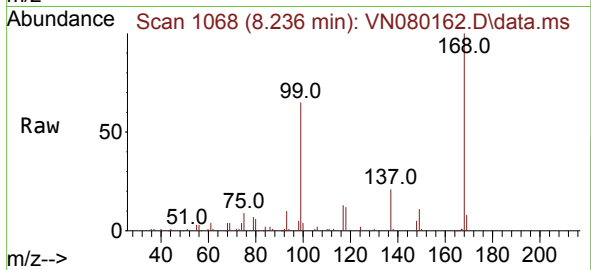
Tgt Ion: 42 Resp: 138
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



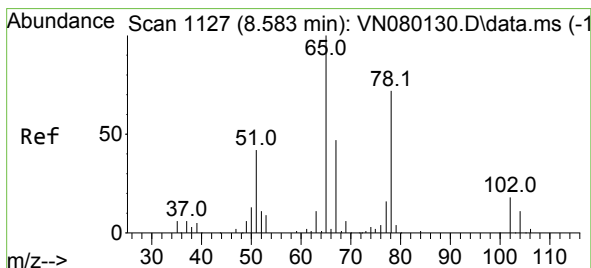
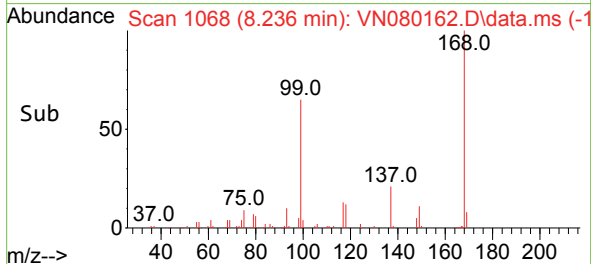
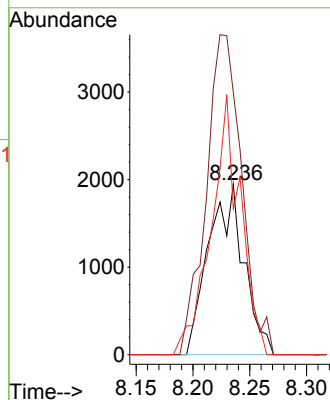


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

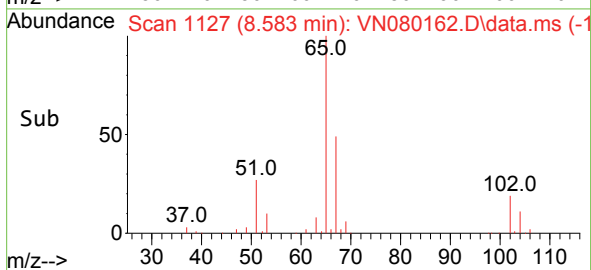
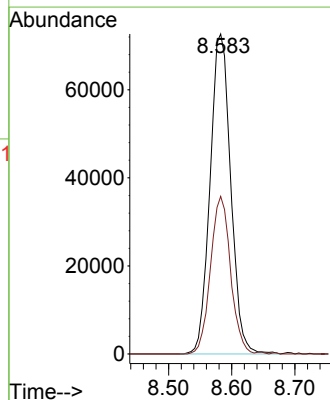
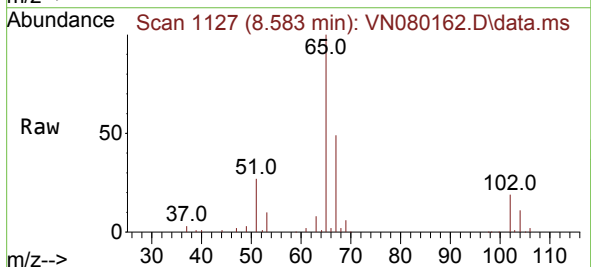


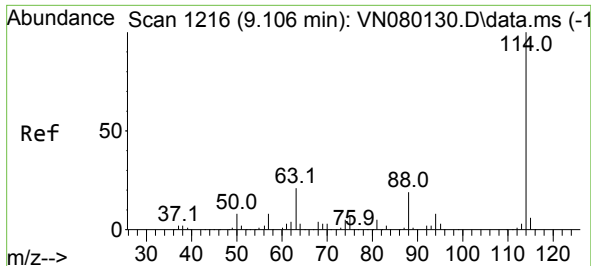
Tgt Ion: 56 Resp: 4205
Ion Ratio Lower Upper
56 100
69 154.0 26.8 40.2#
84 85.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.469 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Tgt Ion: 65 Resp: 165045
Ion Ratio Lower Upper
65 100
67 47.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

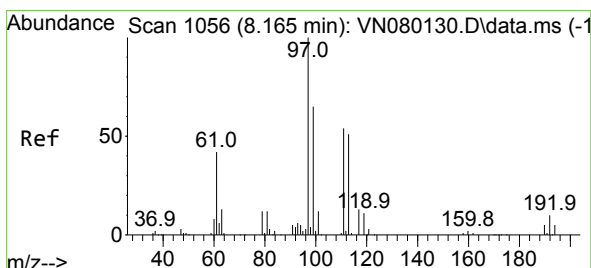
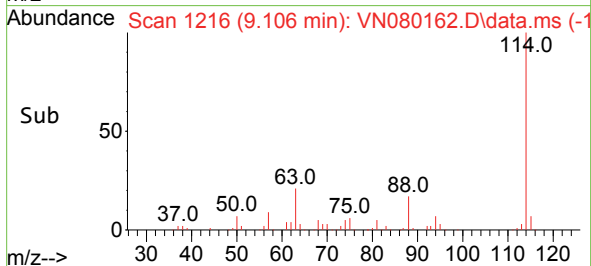
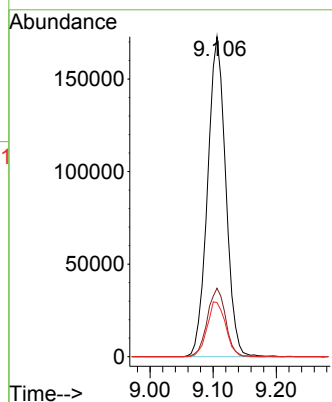
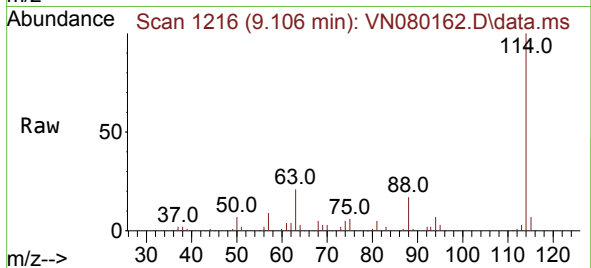
Tgt Ion:114 Resp: 344970

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.745 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

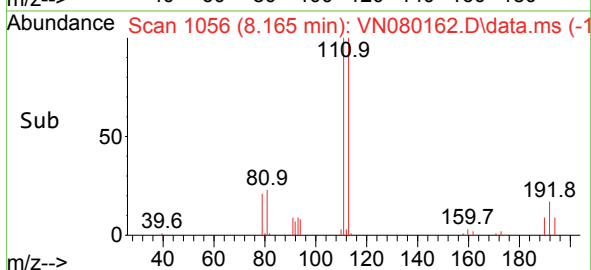
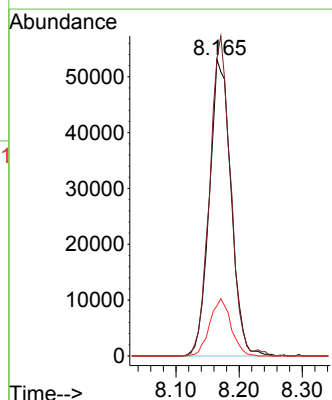
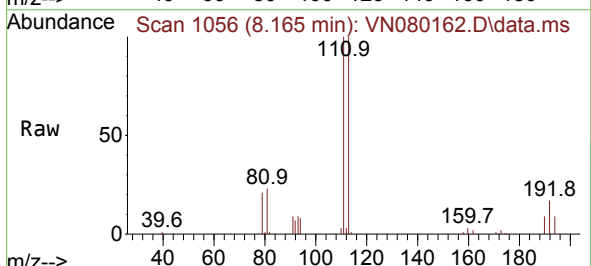
Tgt Ion:113 Resp: 126623

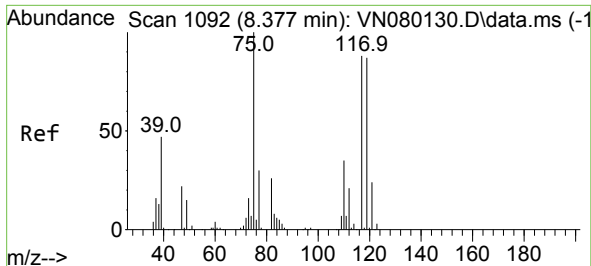
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 18.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.214 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

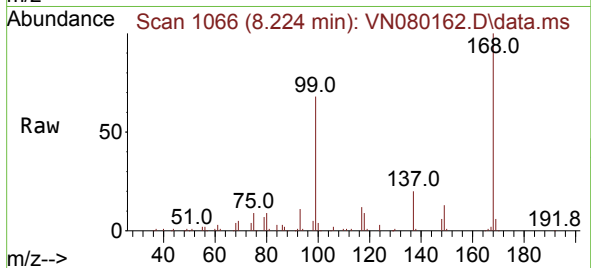
Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :



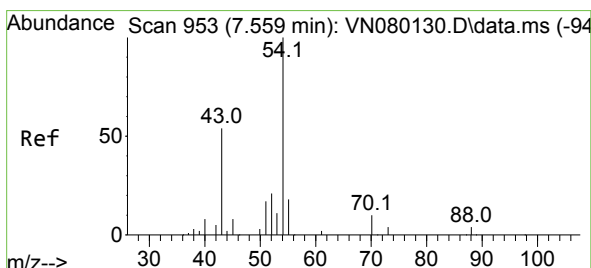
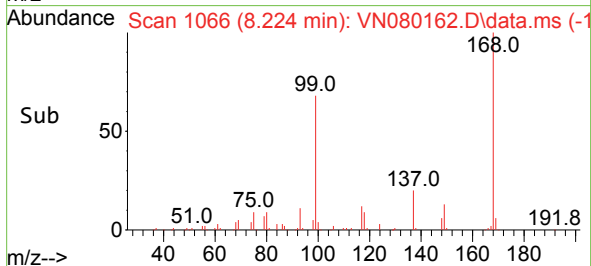
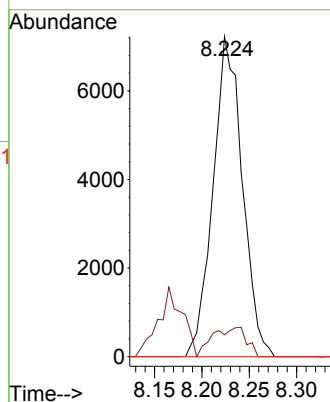
Tgt Ion: 75 Resp: 15528

Ion Ratio Lower Upper

75 100

110 10.6 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.159 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

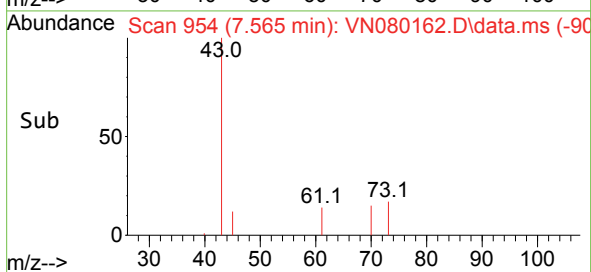
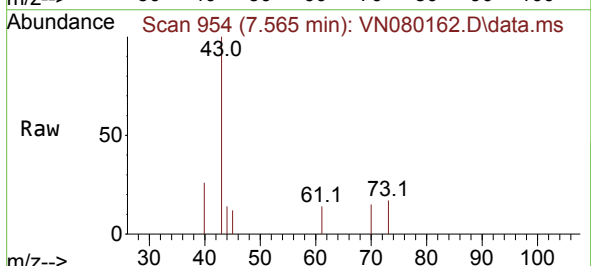
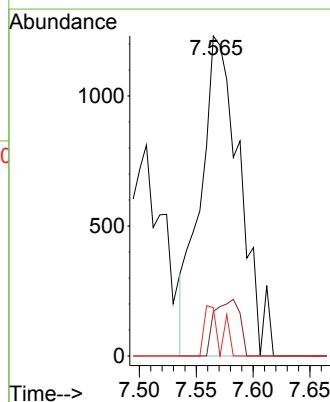
Tgt Ion: 43 Resp: 2963

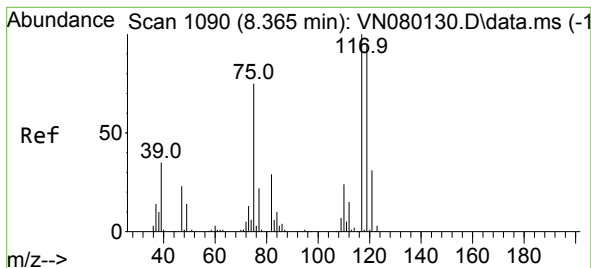
Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 6.4 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 4.552 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

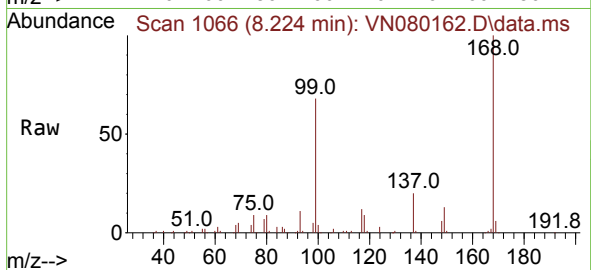
Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :



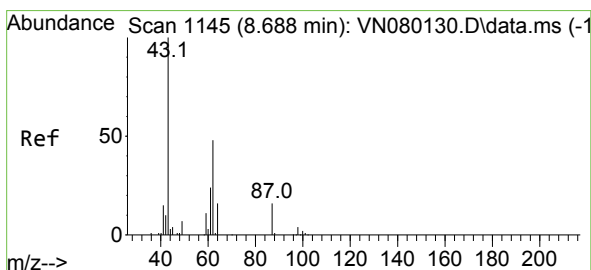
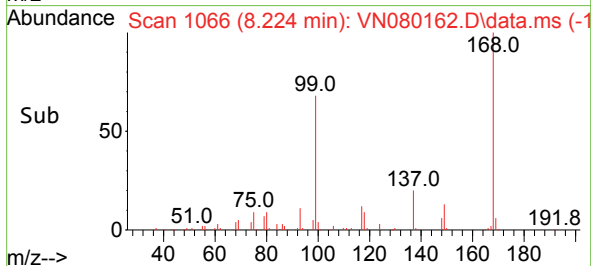
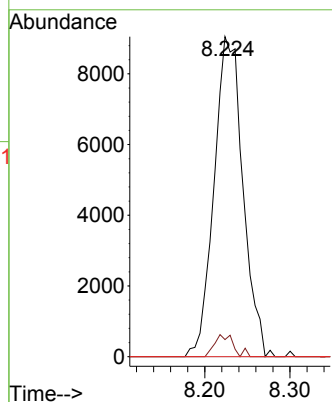
Tgt Ion:117 Resp: 21287

Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 27.006 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

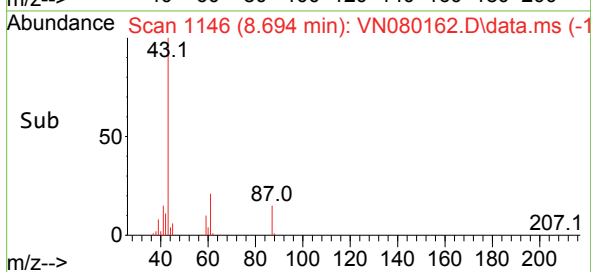
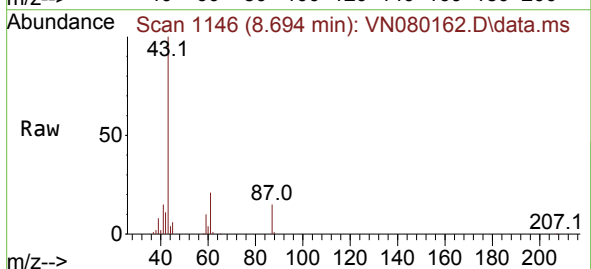
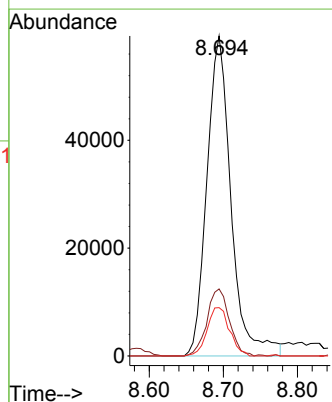
Tgt Ion: 43 Resp: 134337

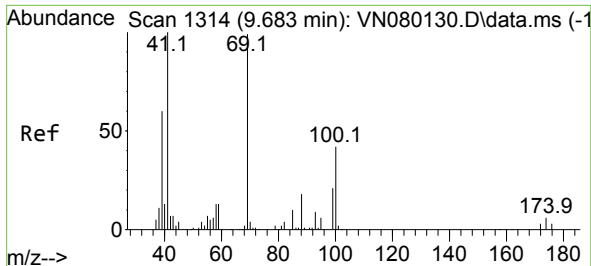
Ion Ratio Lower Upper

43 100

61 19.5 24.7 37.1#

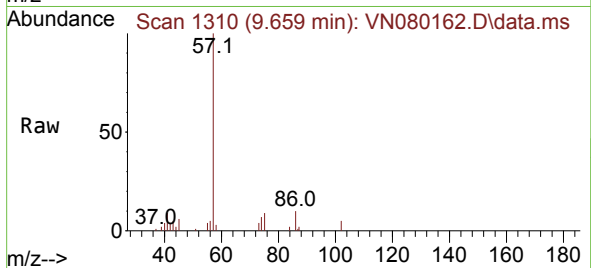
87 14.0 14.6 21.8#



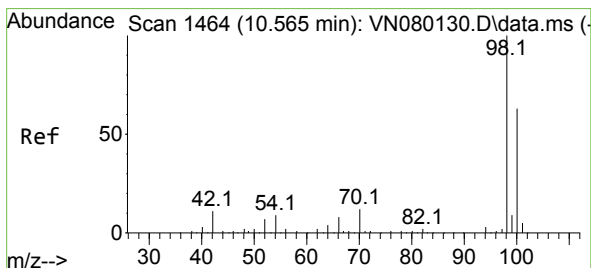
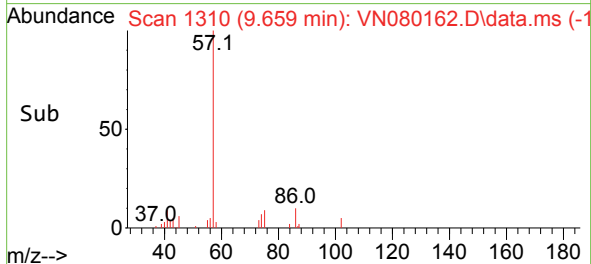
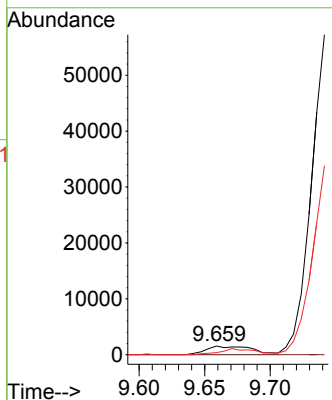


#48
Methyl methacrylate
Concen: 1.466 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

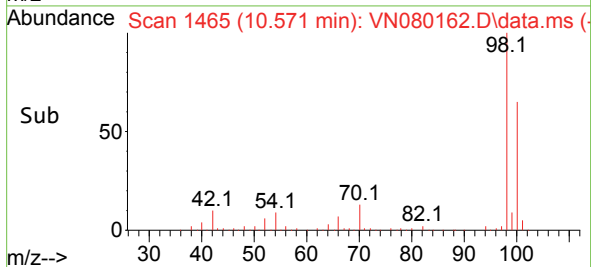
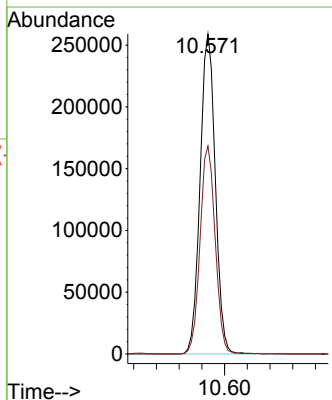
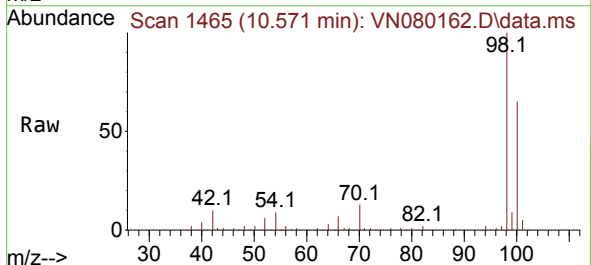


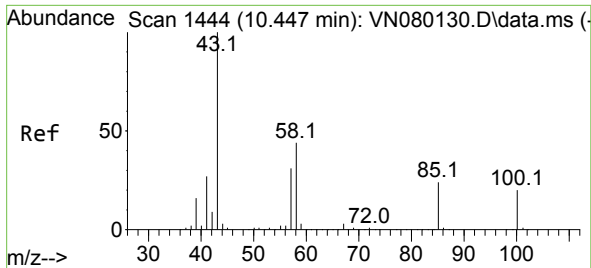
Tgt Ion: 41 Resp: 3758
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 54.8 54.6 81.8



#50
Toluene-d8
Concen: 52.311 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Tgt Ion: 98 Resp: 479994
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

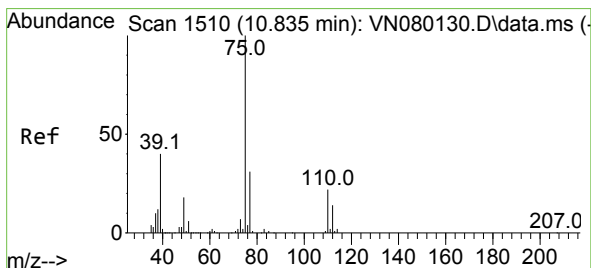
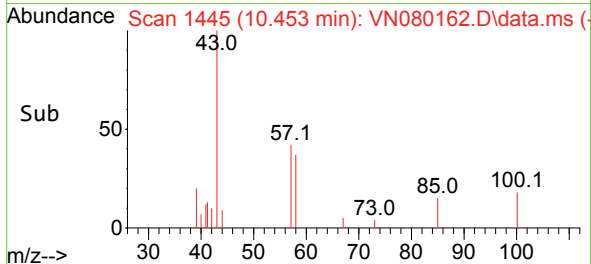
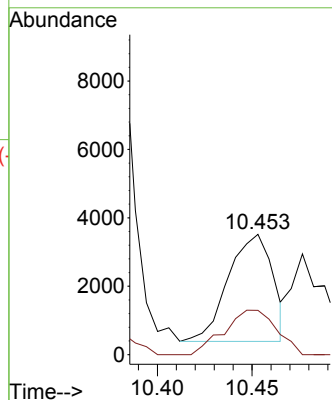
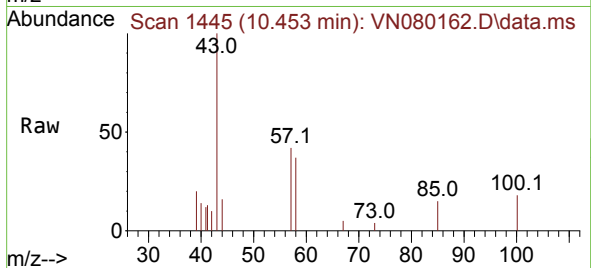




#51
4-Methyl-2-Pentanone
Concen: 1.991 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

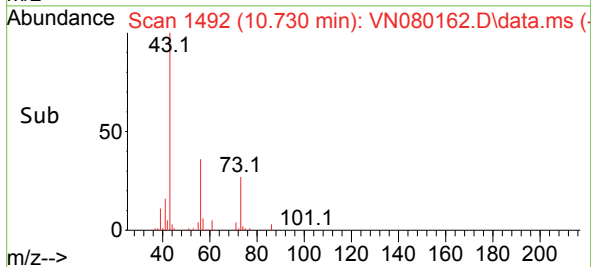
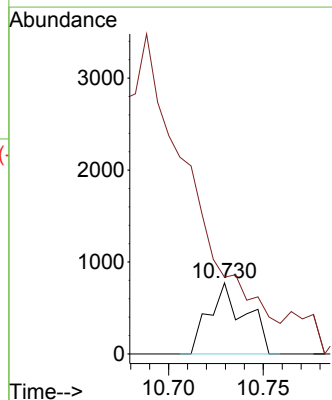
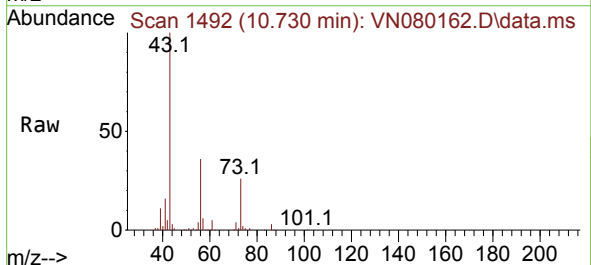
Instrument :
MSVOA_N
ClientSampleId :

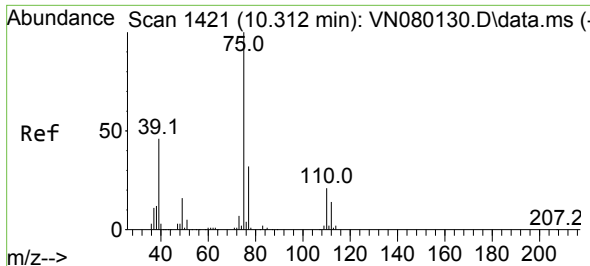
Tgt Ion: 43 Resp: 5127
Ion Ratio Lower Upper
43 100
58 48.6 36.6 54.8



#53
t-1,3-Dichloropropene
Concen: 0.248 ug/l
RT: 10.730 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

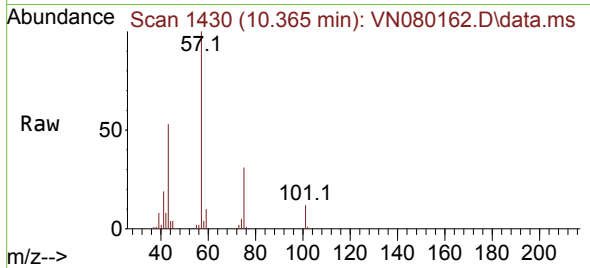
Tgt Ion: 75 Resp: 1033
Ion Ratio Lower Upper
75 100
77 65.1 25.4 38.0#



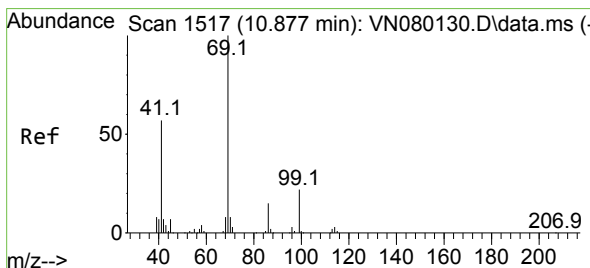
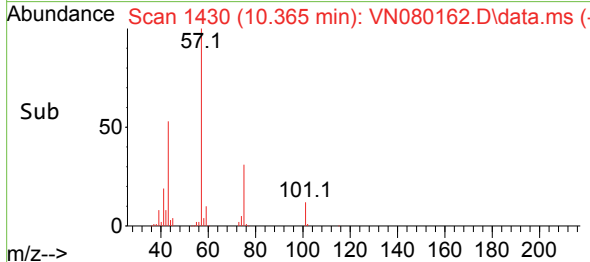
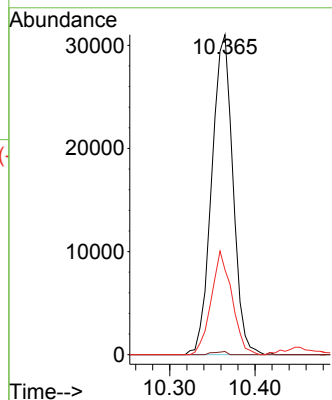


#54
 cis-1,3-Dichloropropene
 Concen: 12.588 ug/l
 RT: 10.365 min Scan# 1421
 Delta R.T. 0.053 min
 Lab File: VN080162.D
 Acq: 17 Nov 2023 14:53

Instrument :
 MSVOA_N
 ClientSampleId :

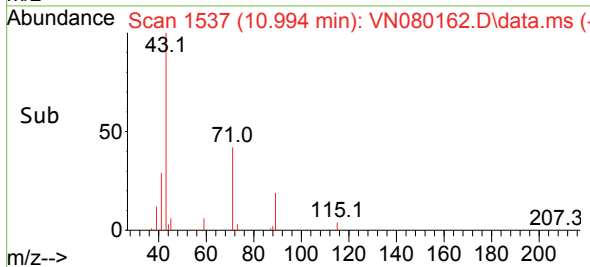
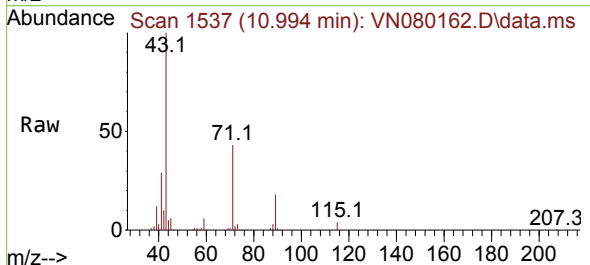
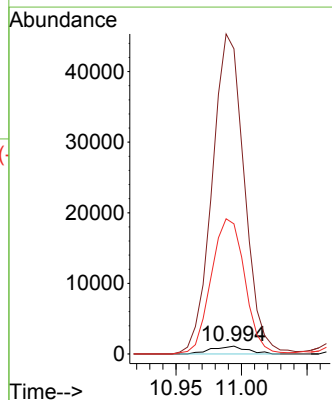


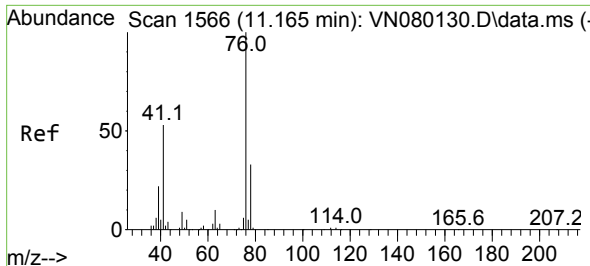
Tgt Ion: 75 Resp: 53552
 Ion Ratio Lower Upper
 75 100
 77 1.0 26.1 39.1#
 39 26.5 31.6 47.4#



#56
 Ethyl methacrylate
 Concen: 0.801 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.118 min
 Lab File: VN080162.D
 Acq: 17 Nov 2023 14:53

Tgt Ion: 69 Resp: 2048
 Ion Ratio Lower Upper
 69 100
 41 3776.8 39.6 59.4#
 39 1667.8 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.464 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

Instrument :

MSVOA_N

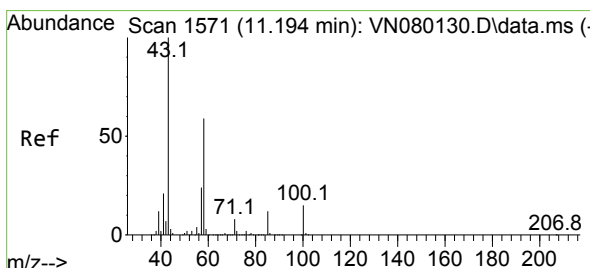
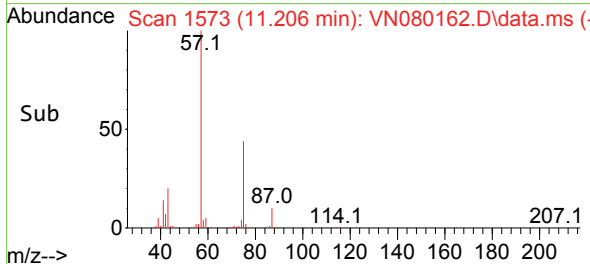
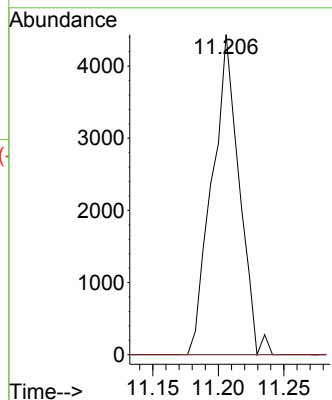
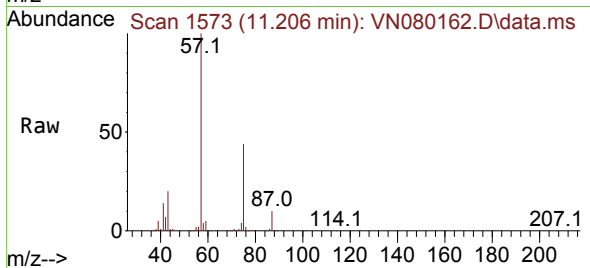
ClientSampleId :

Tgt Ion: 76 Resp: 6394

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 58.435 ug/l

RT: 11.177 min Scan# 1568

Delta R.T. -0.018 min

Lab File: VN080162.D

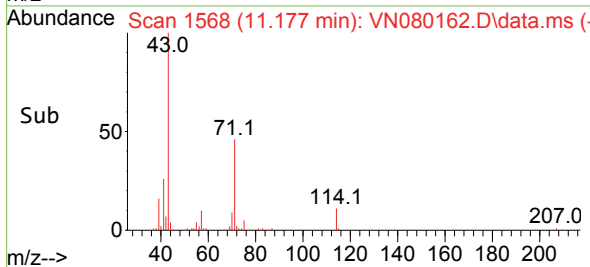
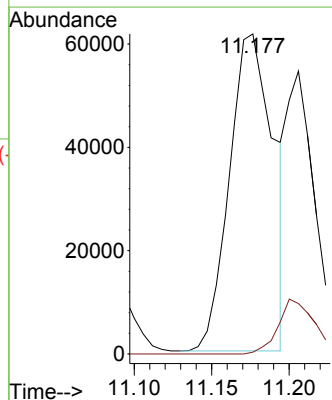
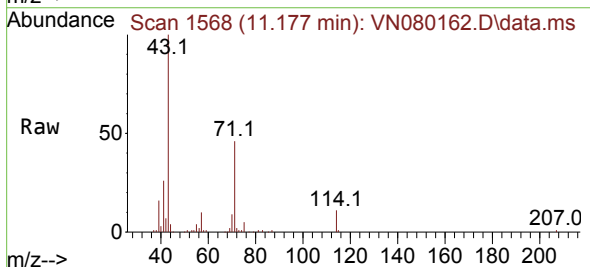
Acq: 17 Nov 2023 14:53

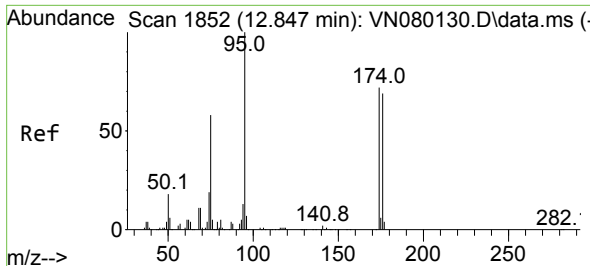
Tgt Ion: 43 Resp: 120927

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

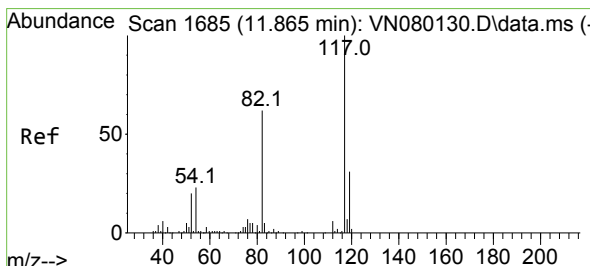
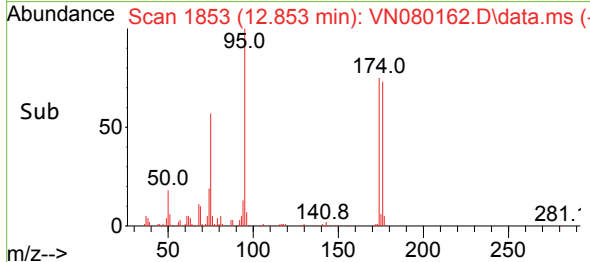
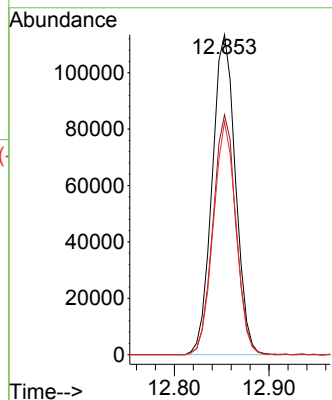
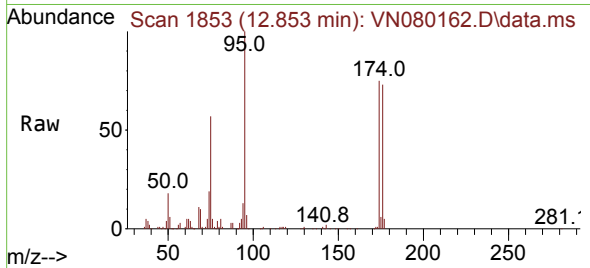




#62
4-Bromofluorobenzene
Concen: 55.961 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

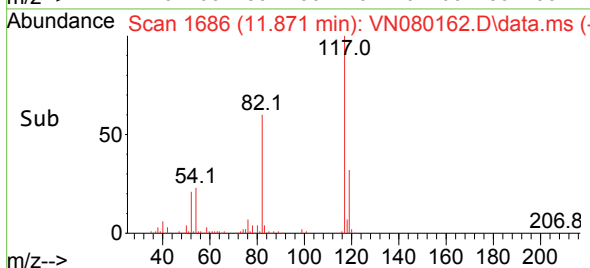
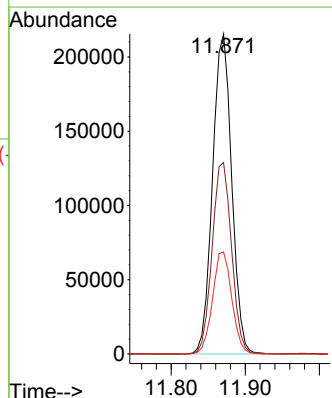
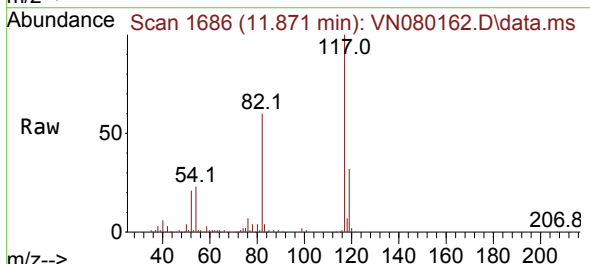
Instrument :
MSVOA_N
ClientSampleId :

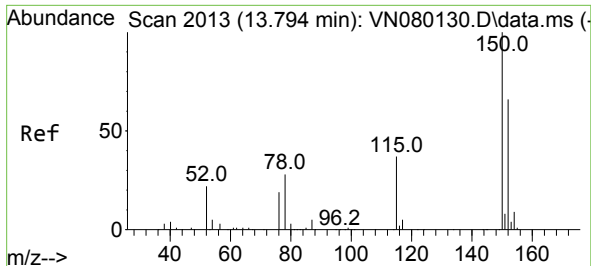
Tgt Ion: 95 Resp: 193951
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

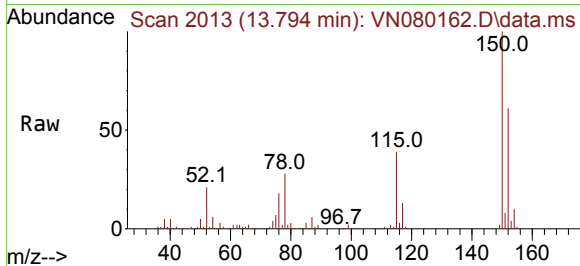
Tgt Ion: 117 Resp: 386118
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 31.9 25.6 38.4



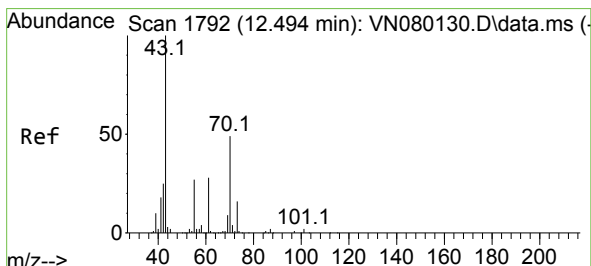
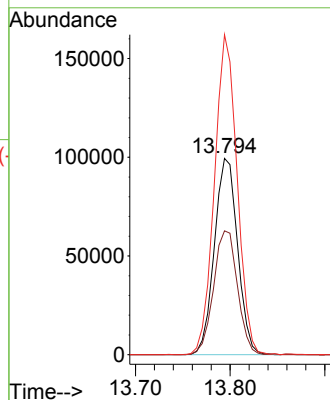
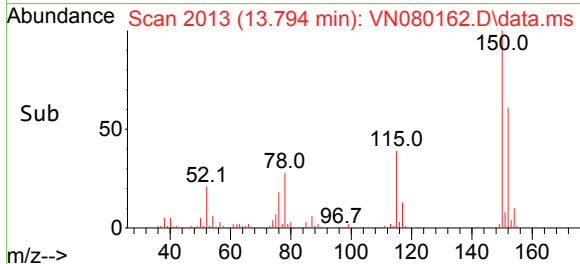


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

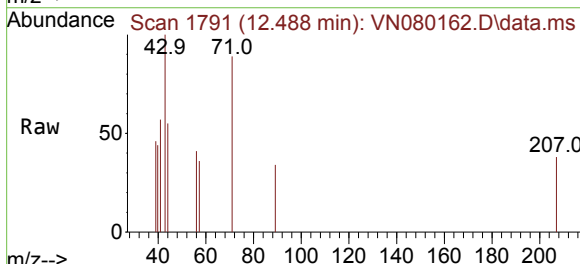
Instrument :
MSVOA_N
ClientSampleId :



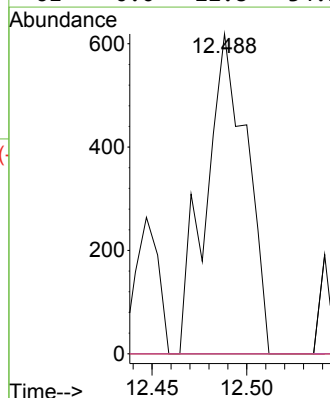
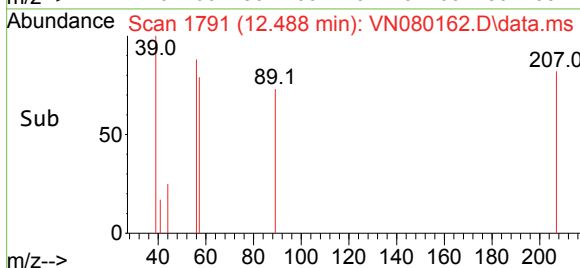
Tgt Ion:152 Resp: 169629
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 159.1 0.0 355.8

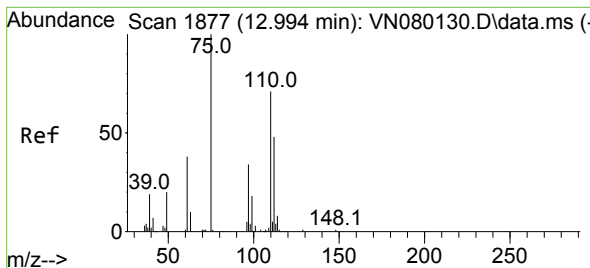


#74
N-ethyl acetate
Concen: 0.228 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53



Tgt Ion: 43 Resp: 937
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: 25.602 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

Instrument :

MSVOA_N

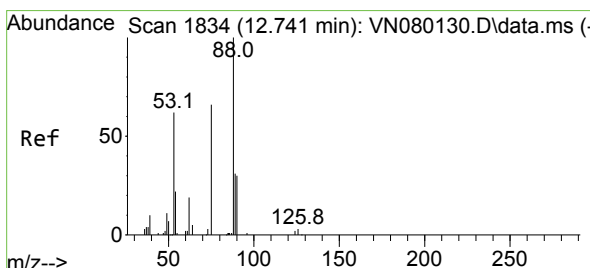
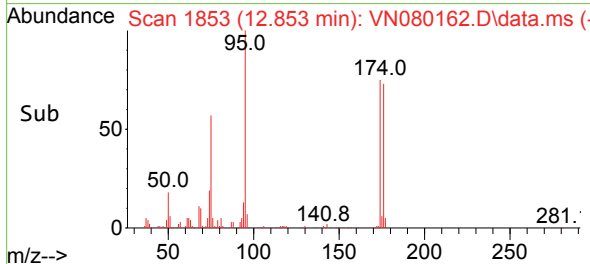
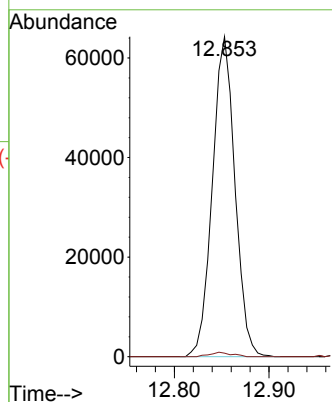
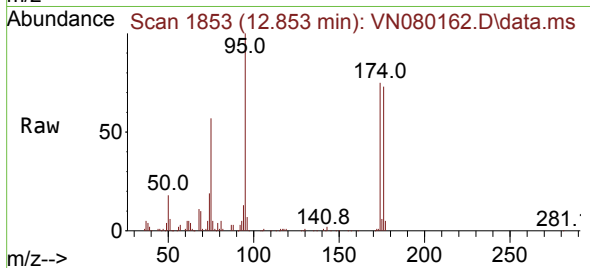
ClientSampleId :

Tgt Ion: 75 Resp: 106405

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.497 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

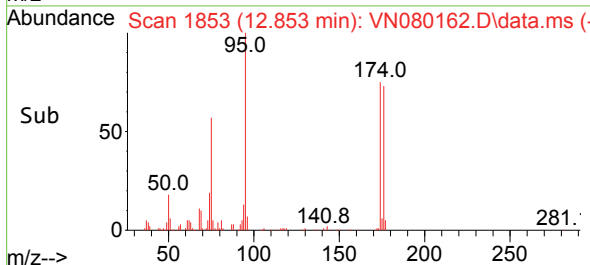
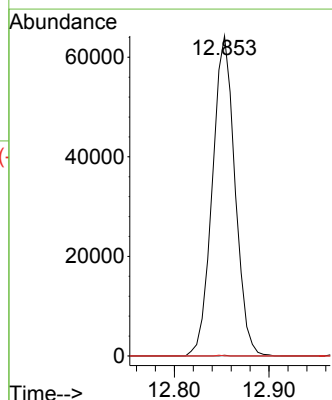
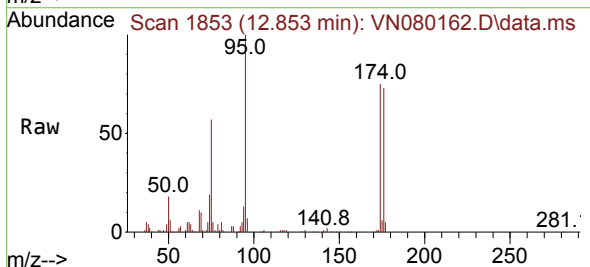
Tgt Ion: 75 Resp: 106405

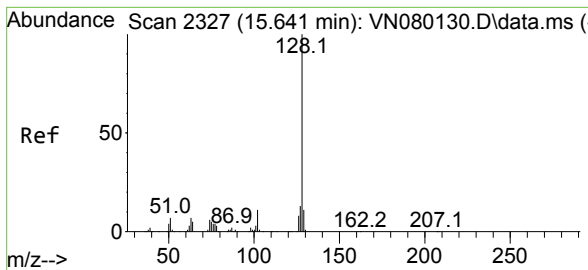
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

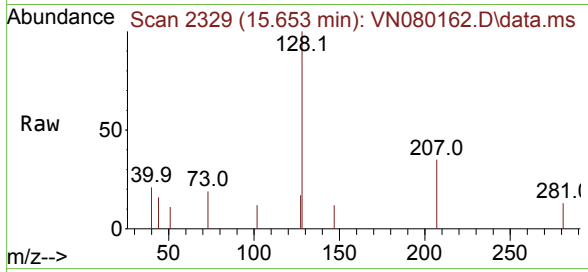
89 0.1 38.8 58.2#





#95
Naphthalene
Concen: 0.283 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2739
Ion Ratio Lower Upper
128 100
127 10.4 10.0 15.0
129 2.5 8.7 13.1#

