

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080847.D
 Acq On : 31 Jan 2024 17:55
 Operator : JC\MD
 Sample : P1277-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-41

Quant Time: Jan 31 23:20:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

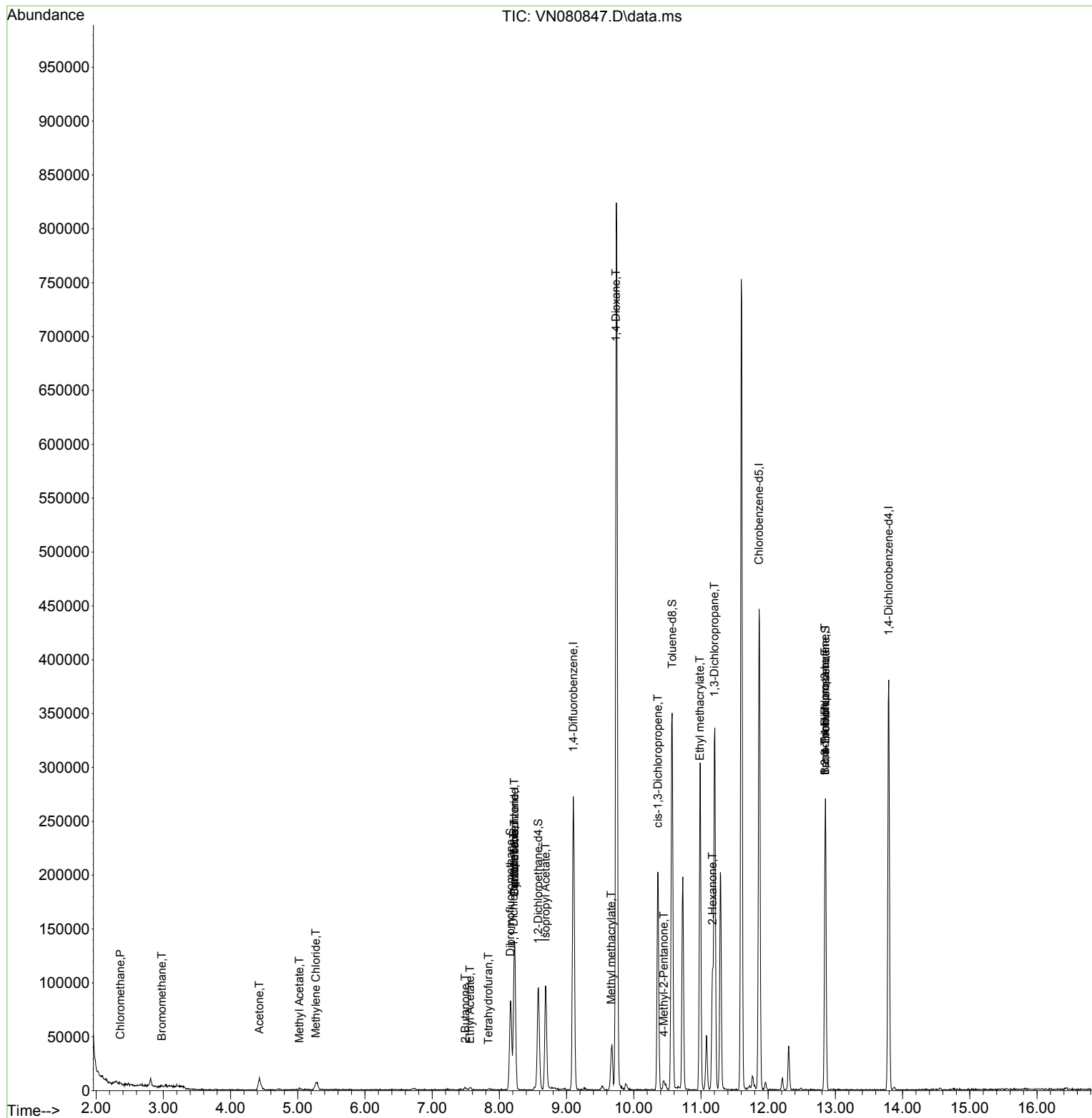
Internal Standards						
1) Pentafluorobenzene	8.224	168	88029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	209455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72328	47.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.980%
35) Dibromofluoromethane	8.165	113	55607	43.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.780%
50) Toluene-d8	10.571	98	229002	45.659	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.320%
62) 4-Bromofluorobenzene	12.853	95	88843	50.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1428	0.727	ug/l	89
5) Bromomethane	2.977	94	161	0.269	ug/l #	77
16) Acetone	4.430	43	18849	34.128	ug/l #	88
18) Methyl Acetate	5.024	43	1638	0.851	ug/l #	72
20) Methylene Chloride	5.271	84	4888	3.371	ug/l #	78
25) 2-Butanone	7.494	43	3731	3.557	ug/l #	75
29) Tetrahydrofuran	7.835	42	769	1.083	ug/l #	70
31) Cyclohexane	8.224	56	3396	1.300	ug/l #	56
36) 1,1-Dichloropropene	8.212	75	10012	4.204	ug/l #	45
37) Ethyl Acetate	7.565	43	2433	0.992	ug/l #	82
38) Carbon Tetrachloride	8.224	117	10957	5.710	ug/l #	23
43) Isopropyl Acetate	8.688	43	113651	25.459	ug/l #	87
48) Methyl methacrylate	9.665	41	2952	1.364	ug/l #	49
49) 1,4-Dioxane	9.735	88	61	2.340	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	7562	3.030	ug/l #	87
54) cis-1,3-Dichloropropene	10.359	75	32945	11.406	ug/l #	63
56) Ethyl methacrylate	10.982	69	705	0.297	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	3335	1.149	ug/l #	43
59) 2-Hexanone	11.171	43	142965	73.753	ug/l #	26
71) Bromoform	12.847	173	296	0.277	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	53929	21.069	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53929	54.277	ug/l #	14

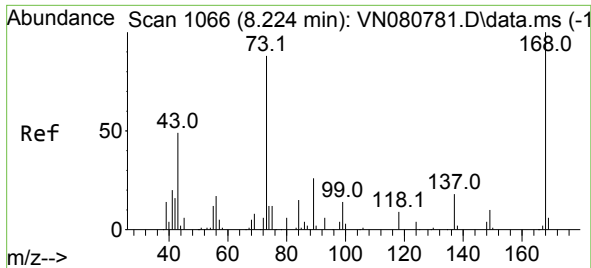
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
Data File : VN080847.D
Acq On : 31 Jan 2024 17:55
Operator : JC\MD
Sample : P1277-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-41

Quant Time: Jan 31 23:20:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

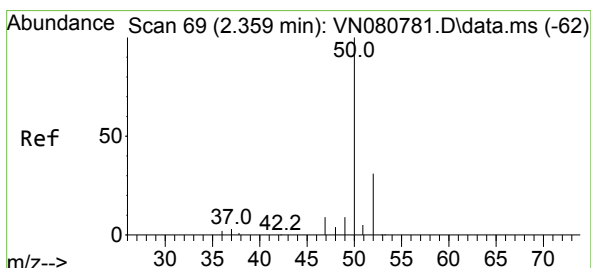
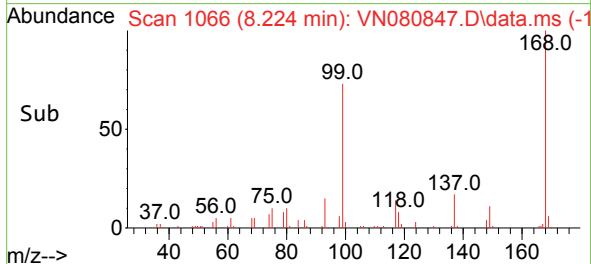
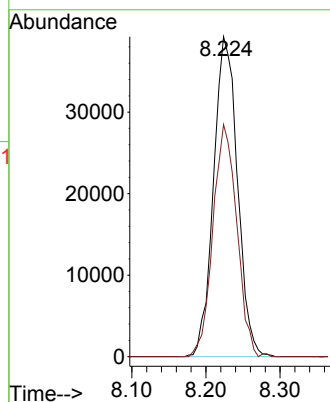
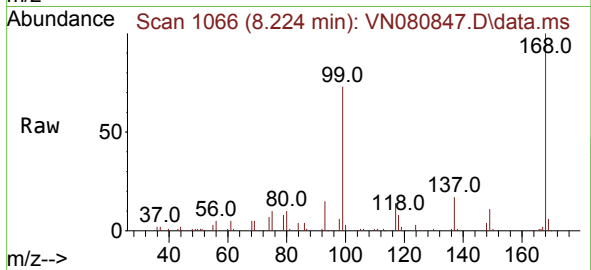




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

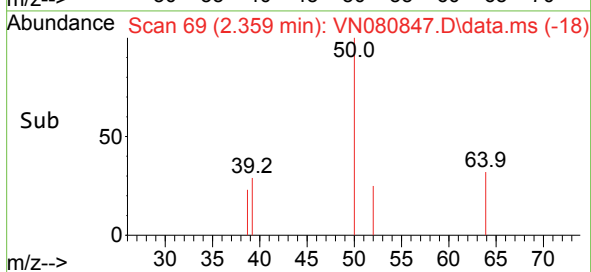
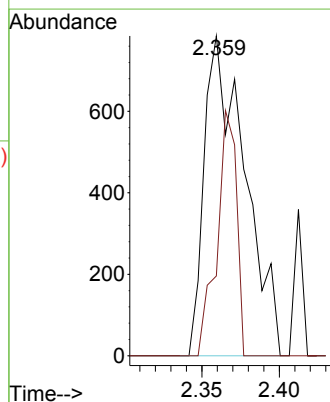
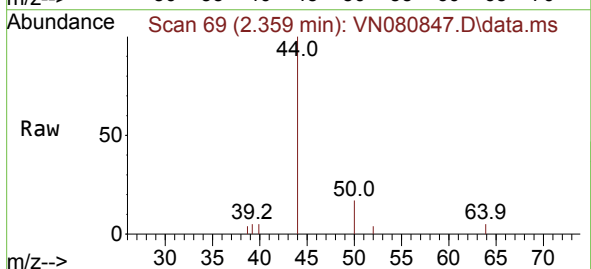
Instrument :
MSVOA_N
ClientSampleId :
TP-41

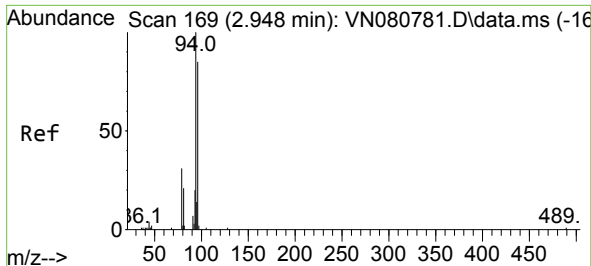
Tgt Ion:168 Resp: 88029
Ion Ratio Lower Upper
168 100
99 72.5 59.9 89.9



#3
Chloromethane
Concen: 0.727 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Tgt Ion: 50 Resp: 1428
Ion Ratio Lower Upper
50 100
52 25.0 25.0 37.4

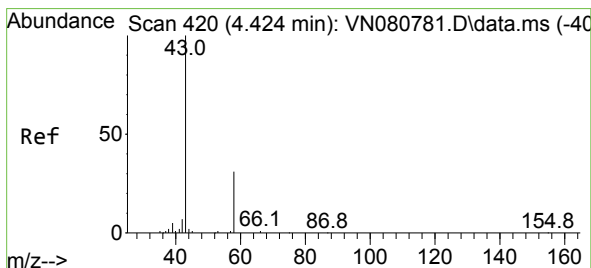
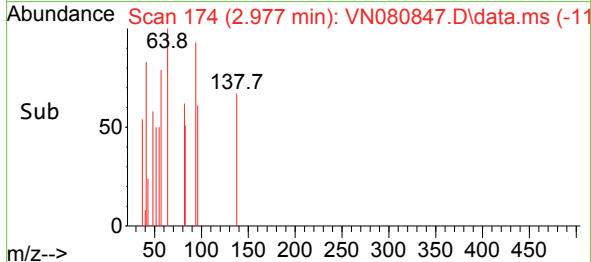
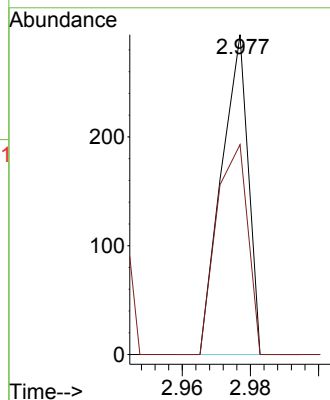
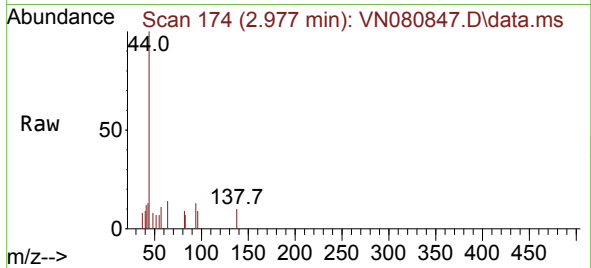




#5
Bromomethane
Concen: 0.269 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

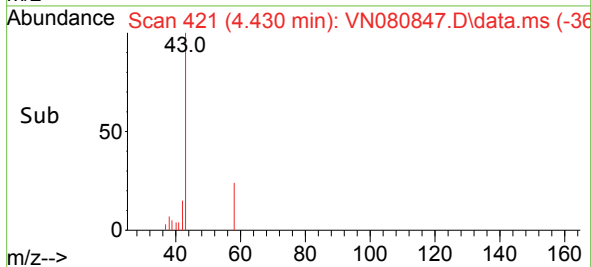
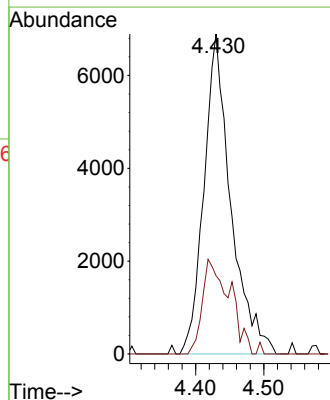
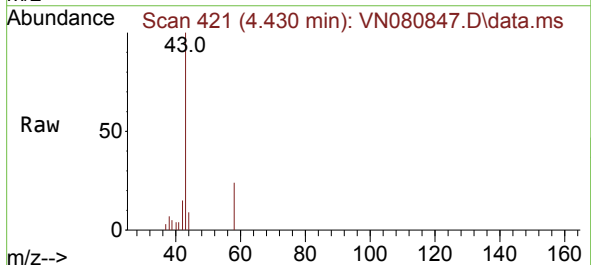
Instrument :
MSVOA_N
ClientSampleId :
TP-41

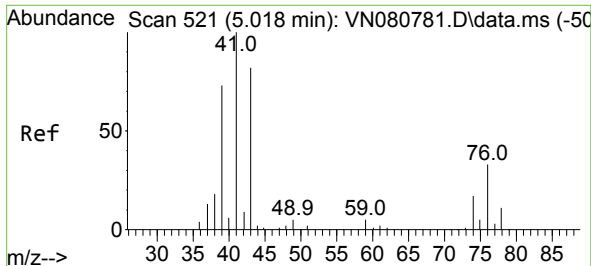
Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 65.6 69.2 103.8#



#16
Acetone
Concen: 34.128 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Tgt Ion: 43 Resp: 18849
Ion Ratio Lower Upper
43 100
58 24.4 24.8 37.2#

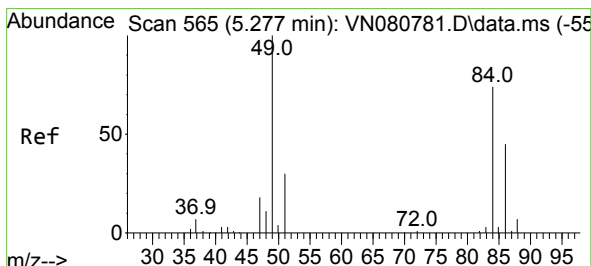
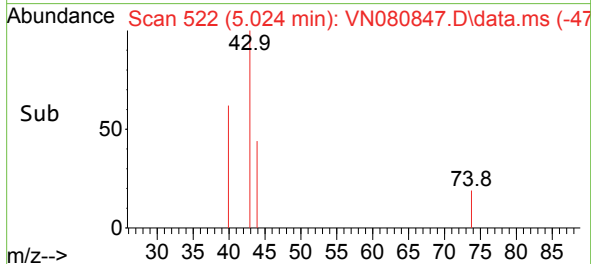
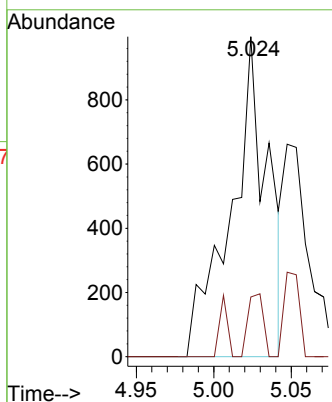
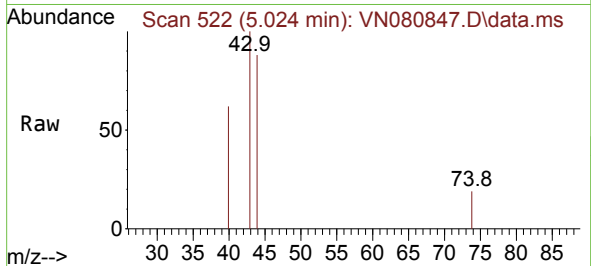




#18
Methyl Acetate
Concen: 0.851 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

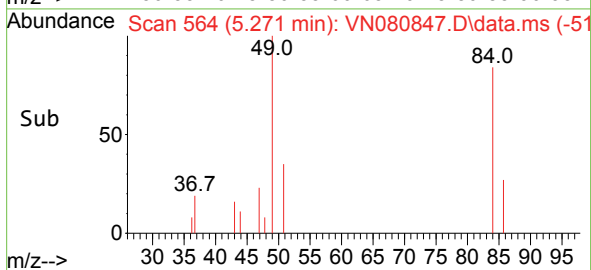
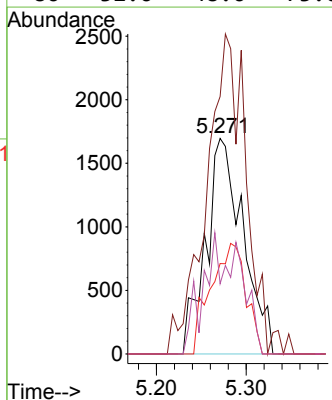
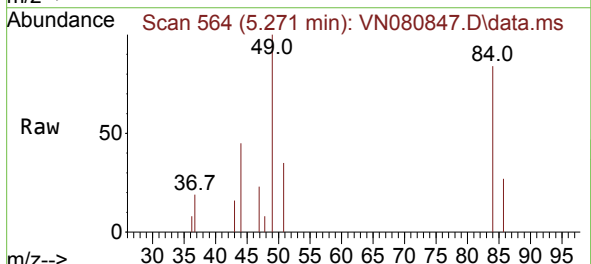
Instrument :
MSVOA_N
ClientSampleId :
TP-41

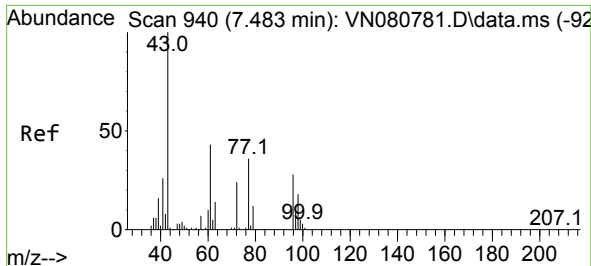
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
74 8.2 17.3 25.9#



#20
Methylene Chloride
Concen: 3.371 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Tgt Ion: 84 Resp: 4888
Ion Ratio Lower Upper
84 100
49 108.6 108.1 162.1
51 41.9 32.9 49.3
86 32.6 48.6 73.0#

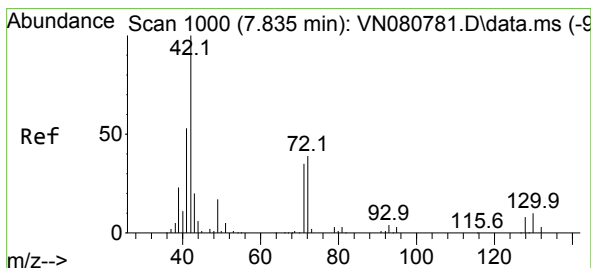
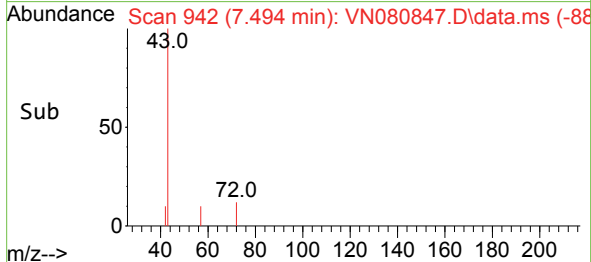
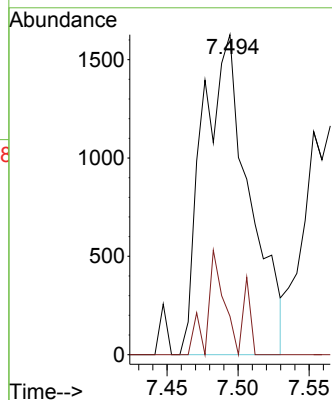
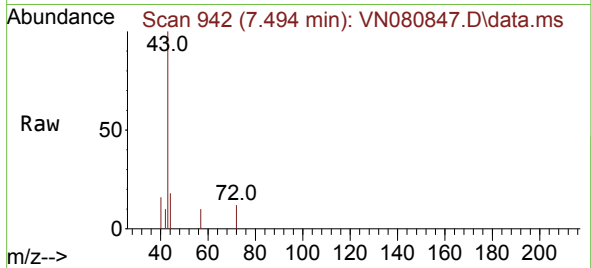




#25
2-Butanone
Concen: 3.557 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

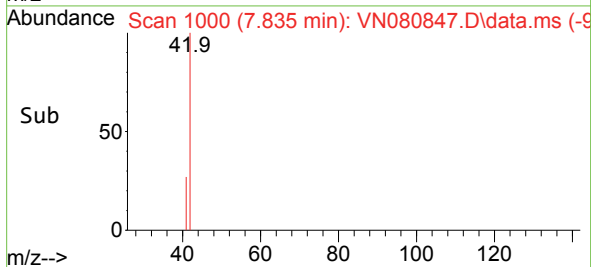
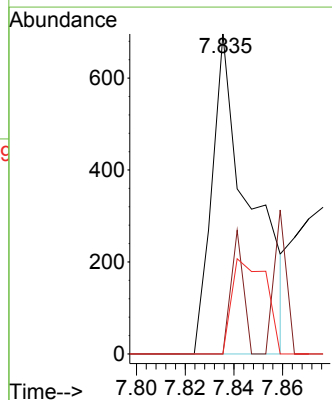
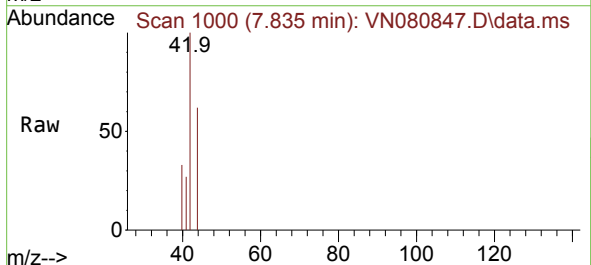
Instrument :
MSVOA_N
ClientSampleId :
TP-41

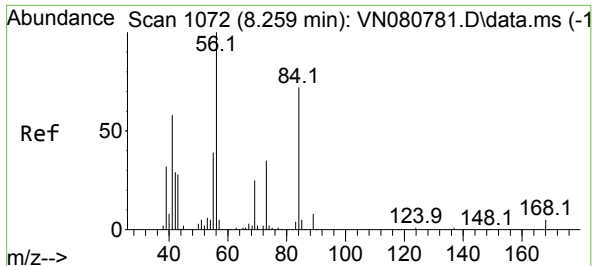
Tgt Ion: 43 Resp: 3731
Ion Ratio Lower Upper
43 100
72 12.0 19.5 29.3#



#29
Tetrahydrofuran
Concen: 1.083 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

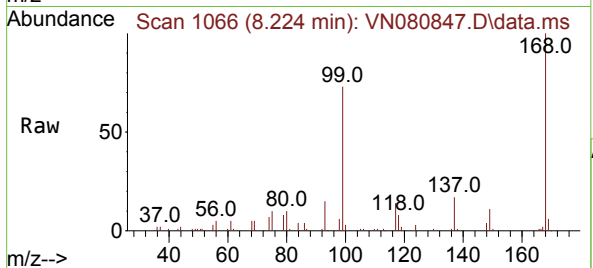
Tgt Ion: 42 Resp: 769
Ion Ratio Lower Upper
42 100
72 12.4 31.1 46.7#
71 26.0 28.3 42.5#



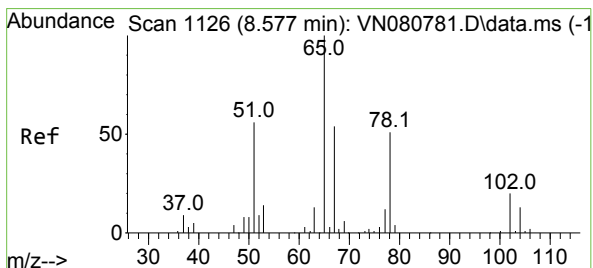
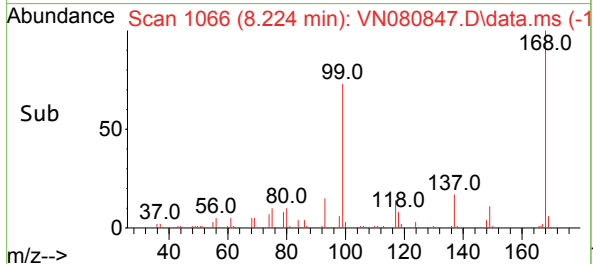
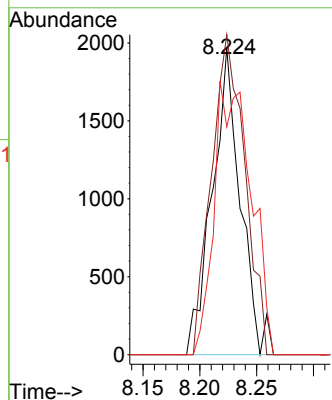


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Instrument :
MSVOA_N
ClientSampleId :
TP-41

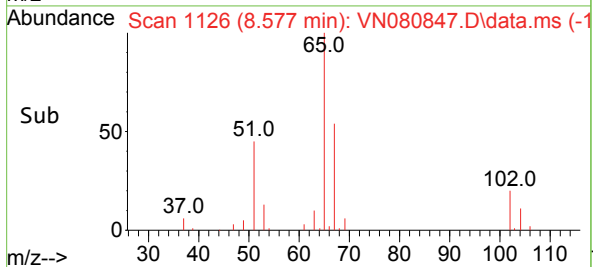
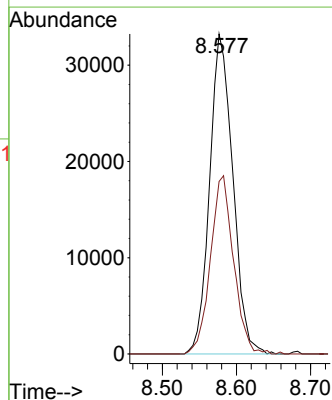
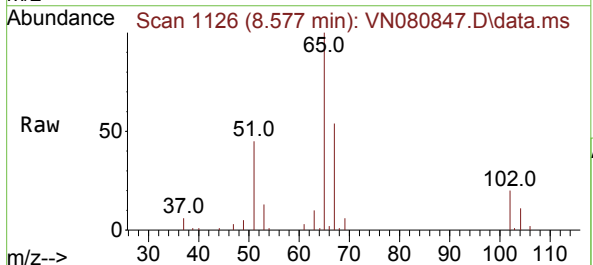


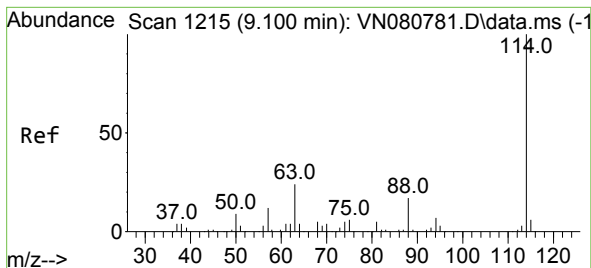
Tgt Ion: 56 Resp: 3396
Ion Ratio Lower Upper
56 100
69 104.3 20.1 30.1#
84 74.3 56.9 85.3



#33
1,2-Dichloroethane-d4
Concen: 47.494 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Tgt Ion: 65 Resp: 72328
Ion Ratio Lower Upper
65 100
67 55.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080847.D

Acq: 31 Jan 2024 17:55

Instrument :

MSVOA_N

ClientSampleId :

TP-41

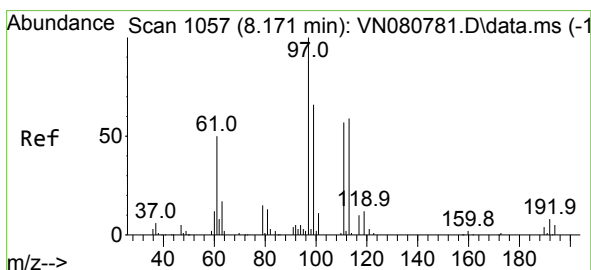
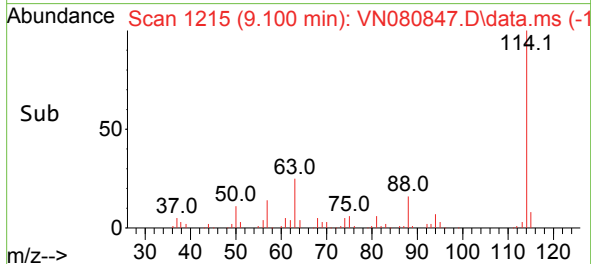
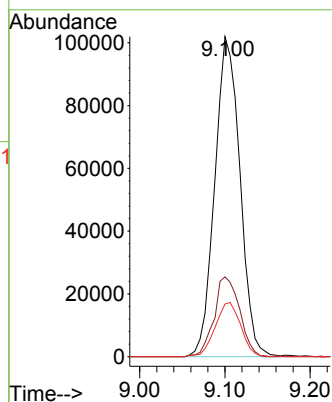
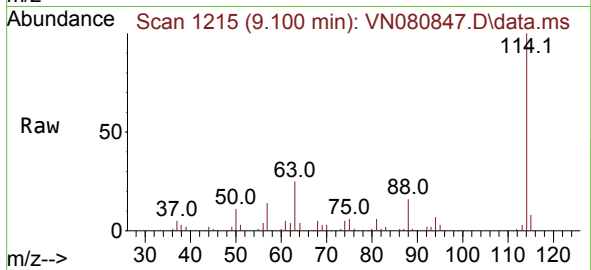
Tgt Ion:114 Resp: 209455

Ion Ratio Lower Upper

114 100

63 24.9 0.0 48.0

88 16.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 43.394 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080847.D

Acq: 31 Jan 2024 17:55

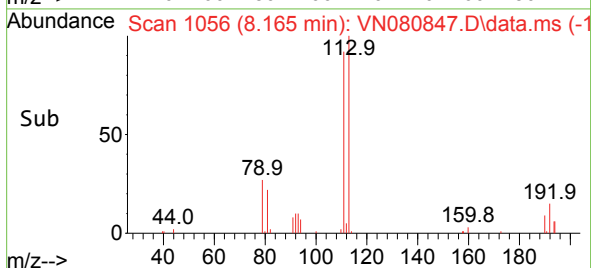
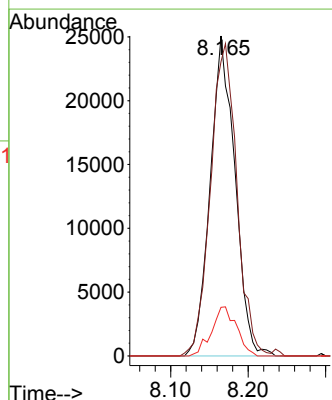
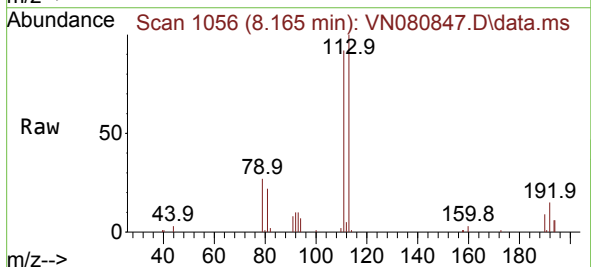
Tgt Ion:113 Resp: 55607

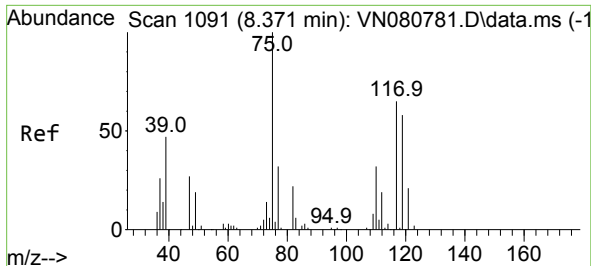
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 15.5 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.204 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.159 min

Lab File: VN080847.D

Acq: 31 Jan 2024 17:55

Instrument :

MSVOA_N

ClientSampleId :

TP-41

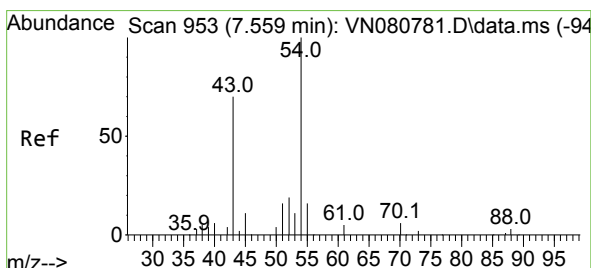
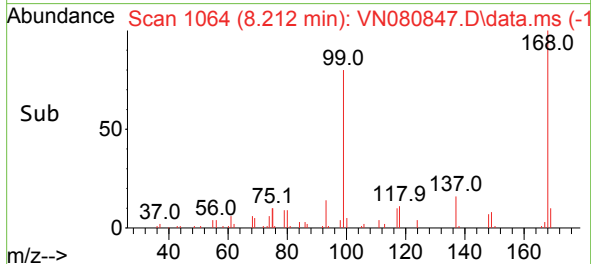
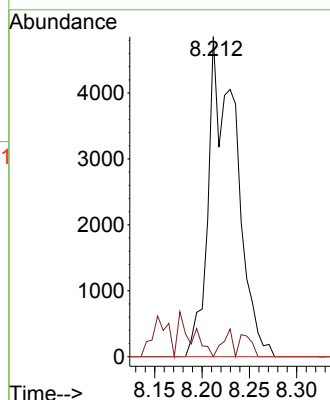
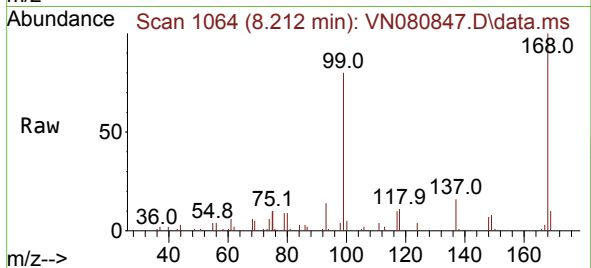
Tgt Ion: 75 Resp: 10012

Ion Ratio Lower Upper

75 100

110 2.9 16.0 48.0#

77 0.0 25.8 38.6#



#37

Ethyl Acetate

Concen: 0.992 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN080847.D

Acq: 31 Jan 2024 17:55

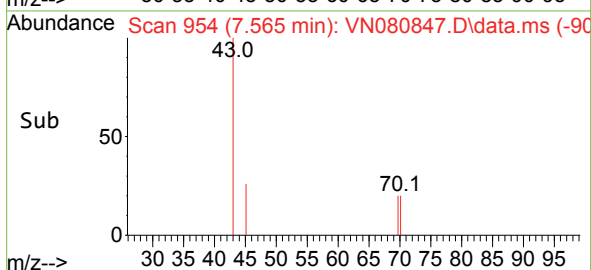
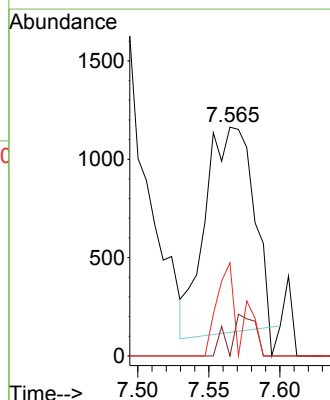
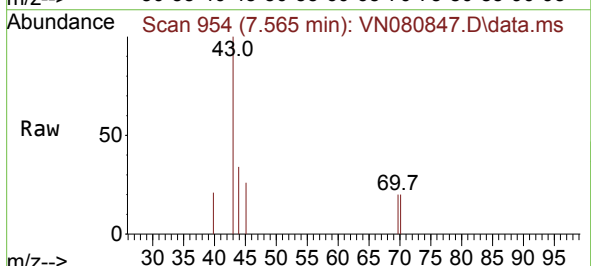
Tgt Ion: 43 Resp: 2433

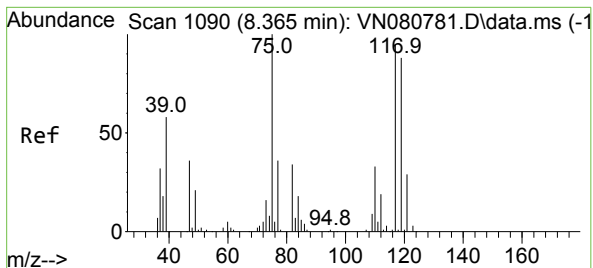
Ion Ratio Lower Upper

43 100

61 10.6 10.6 15.8

70 22.3 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 5.710 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080847.D

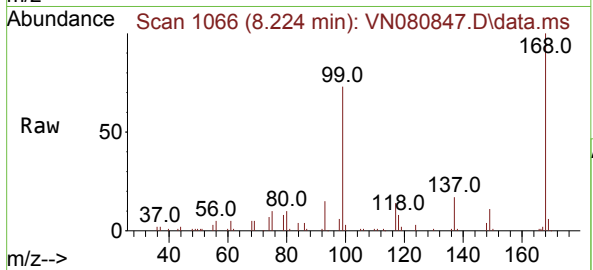
Acq: 31 Jan 2024 17:55

Instrument :

MSVOA_N

ClientSampleId :

TP-41



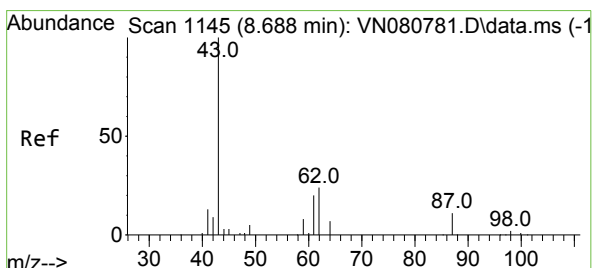
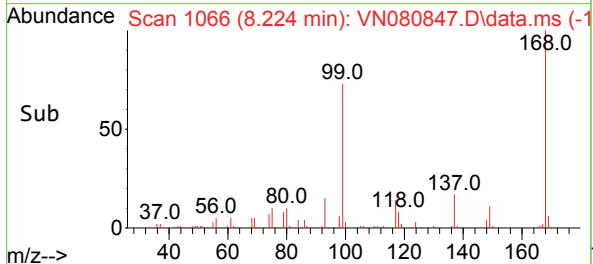
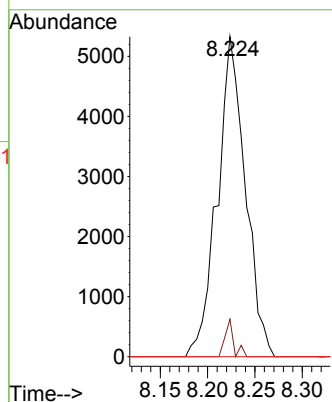
Tgt Ion:117 Resp: 10957

Ion Ratio Lower Upper

117 100

119 11.7 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 25.459 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080847.D

Acq: 31 Jan 2024 17:55

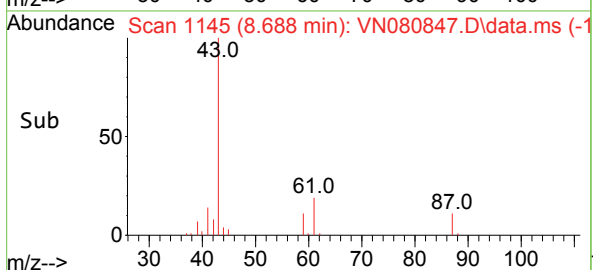
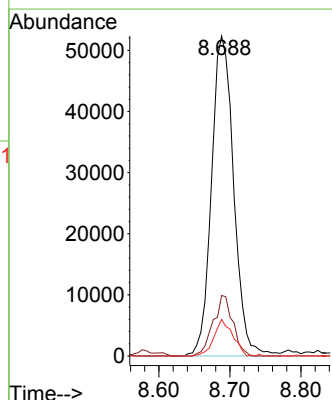
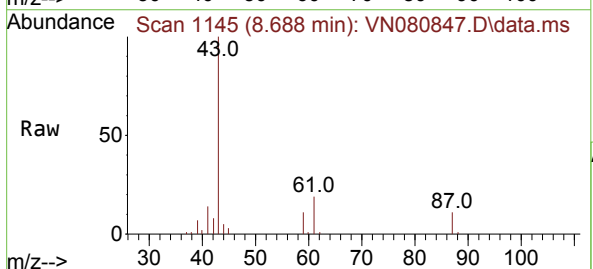
Tgt Ion: 43 Resp: 113651

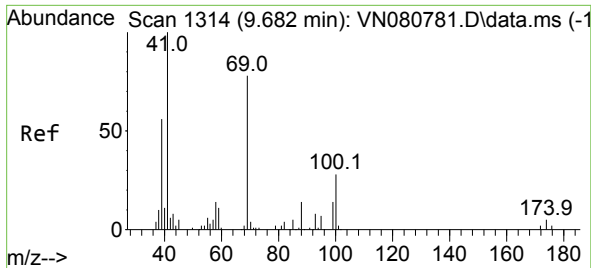
Ion Ratio Lower Upper

43 100

61 16.7 19.9 29.9#

87 9.6 9.0 13.6

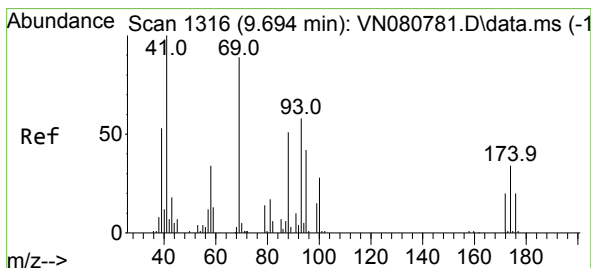
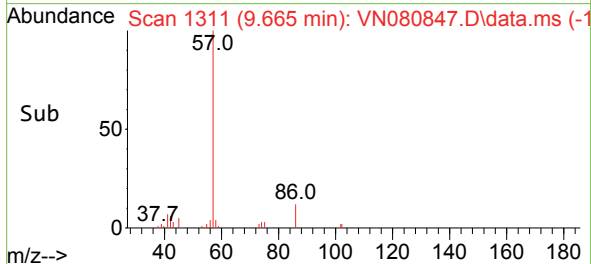
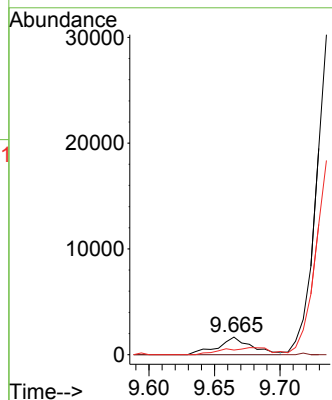
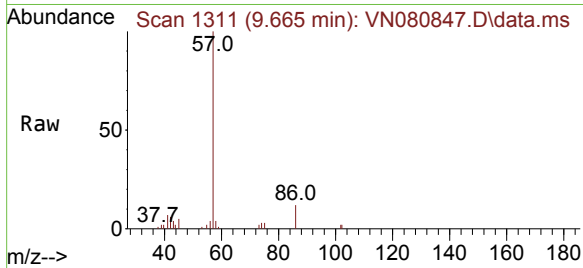




#48
Methyl methacrylate
Concen: 1.364 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

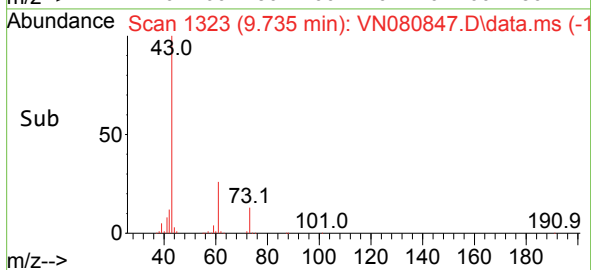
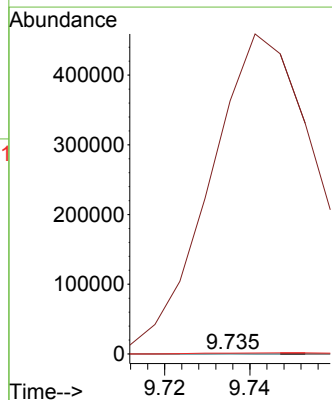
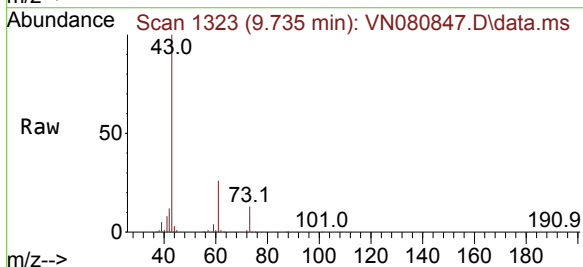
Instrument :
MSVOA_N
ClientSampleId :
TP-41

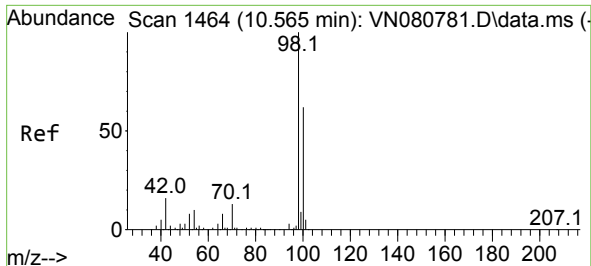
Tgt Ion: 41 Resp: 2952
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 58.5 47.6 71.4



#49
1,4-Dioxane
Concen: 2.340 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 1352204.9 30.1 45.1#
58 5395.1 63.9 95.9#

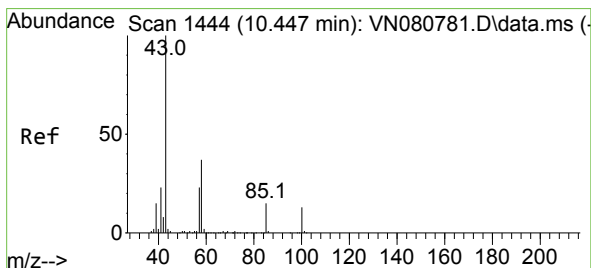
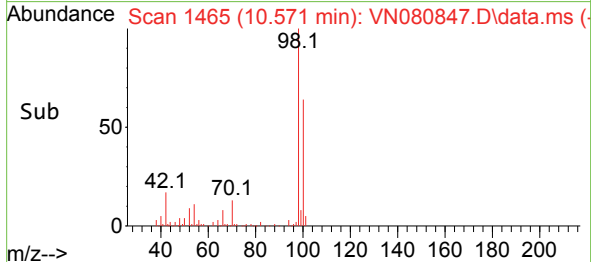
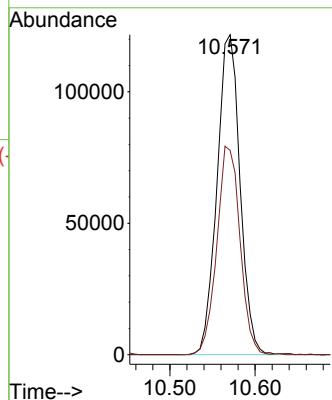
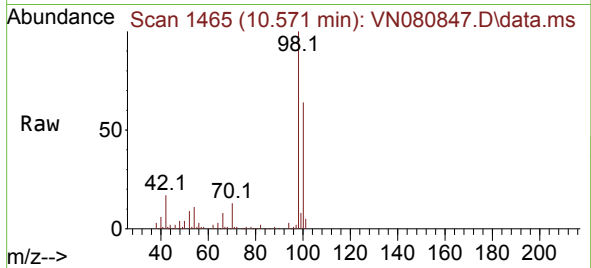




#50
Toluene-d8
Concen: 45.659 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

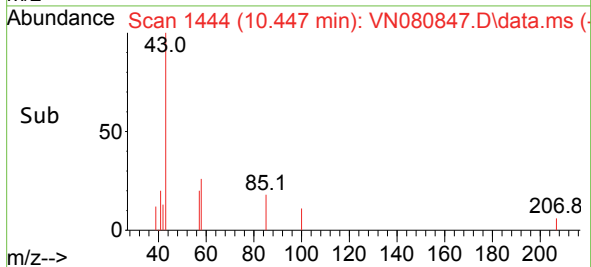
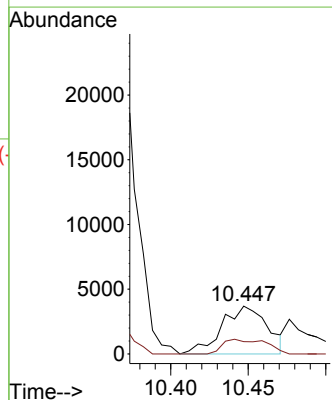
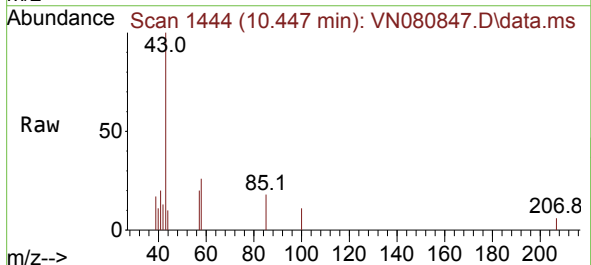
Instrument :
MSVOA_N
ClientSampleId :
TP-41

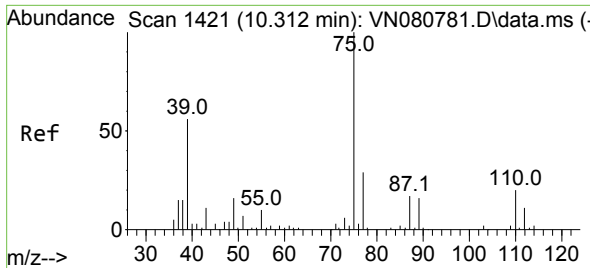
Tgt Ion: 98 Resp: 229002
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 3.030 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Tgt Ion: 43 Resp: 7562
Ion Ratio Lower Upper
43 100
58 29.2 29.4 44.0#

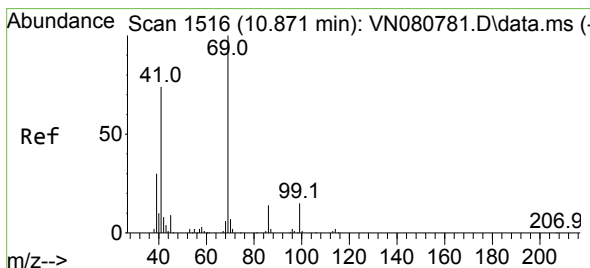
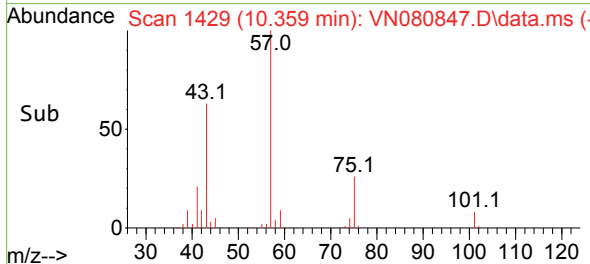
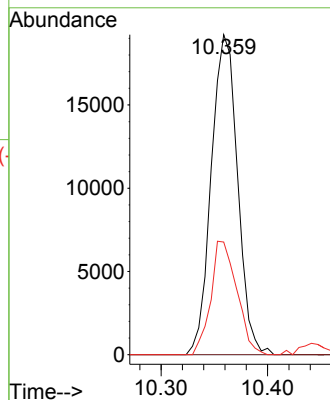
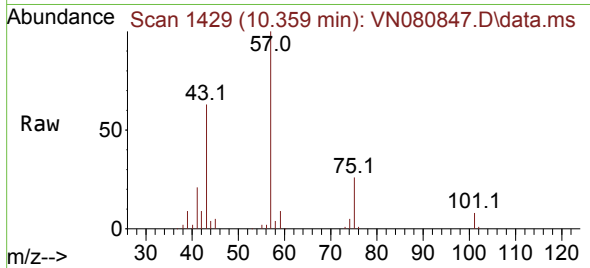




#54
 cis-1,3-Dichloropropene
 Concen: 11.406 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN080847.D
 Acq: 31 Jan 2024 17:55

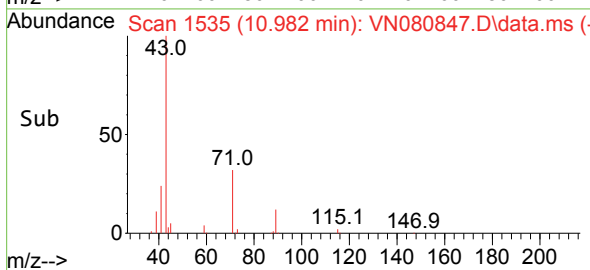
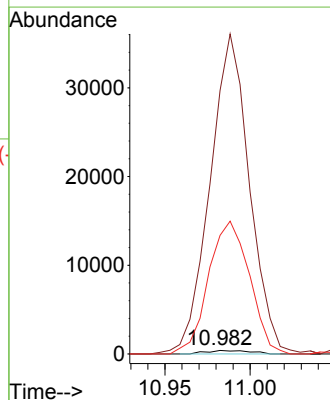
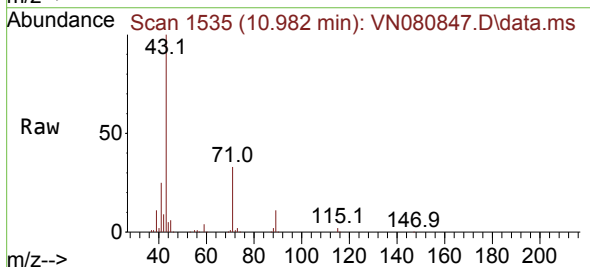
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-41

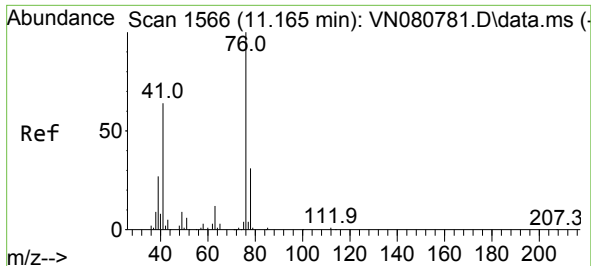
Tgt Ion: 75 Resp: 32945
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.3 34.9#
 39 35.2 44.6 66.8#



#56
 Ethyl methacrylate
 Concen: 0.297 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.111 min
 Lab File: VN080847.D
 Acq: 31 Jan 2024 17:55

Tgt Ion: 69 Resp: 705
 Ion Ratio Lower Upper
 69 100
 41 8260.4 61.0 91.6#
 39 3549.2 31.8 47.6#





#57

1,3-Dichloropropane

Concen: 1.149 ug/l

RT: 11.200 min Scan# 1567

Delta R.T. 0.035 min

Lab File: VN080847.D

Acq: 31 Jan 2024 17:55

Instrument :

MSVOA_N

ClientSampleId :

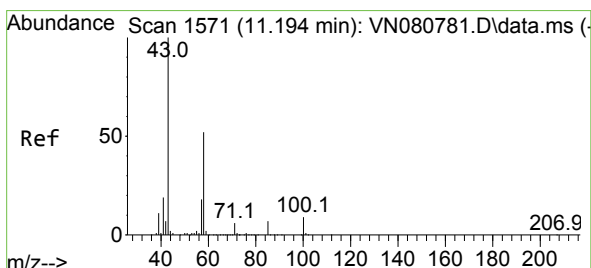
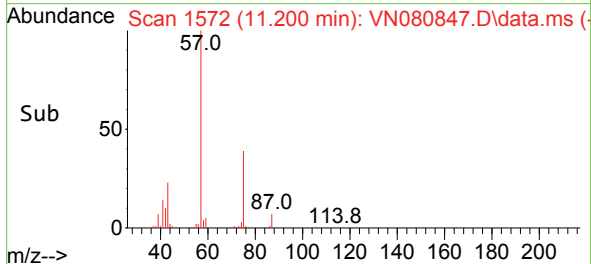
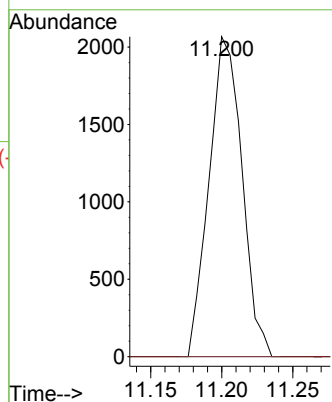
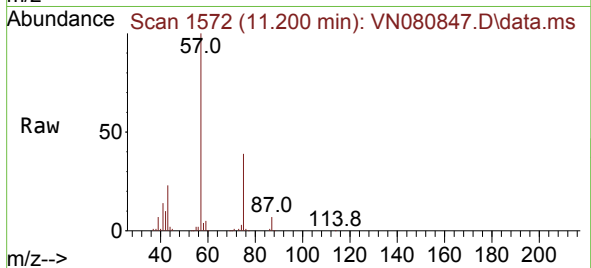
TP-41

Tgt Ion: 76 Resp: 3335

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#59

2-Hexanone

Concen: 73.753 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN080847.D

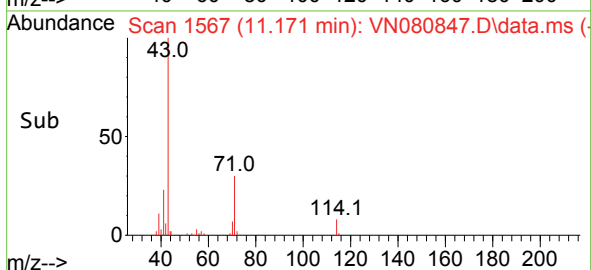
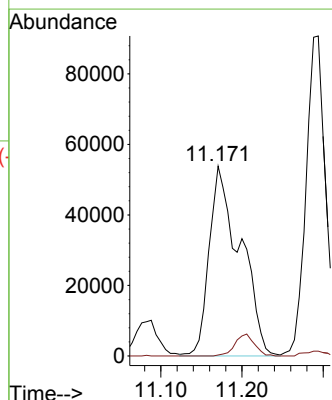
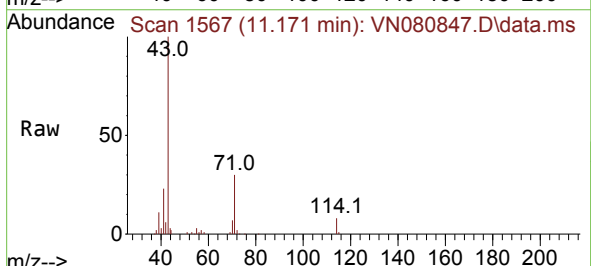
Acq: 31 Jan 2024 17:55

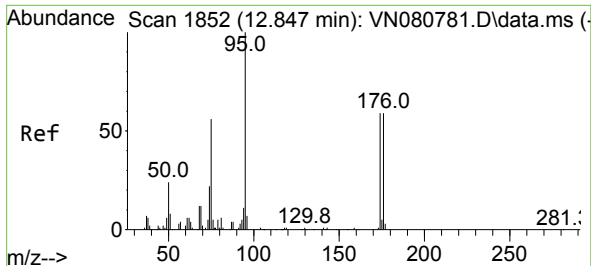
Tgt Ion: 43 Resp: 142965

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.8#

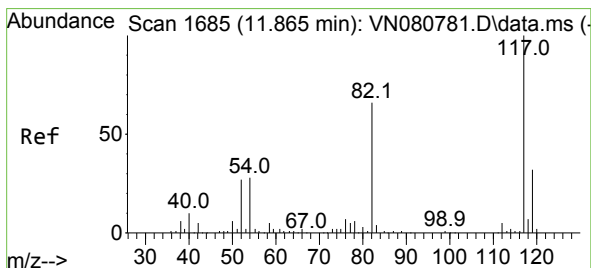
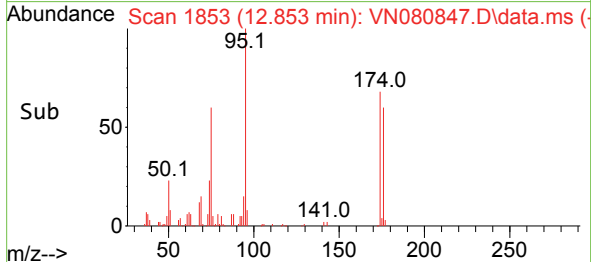
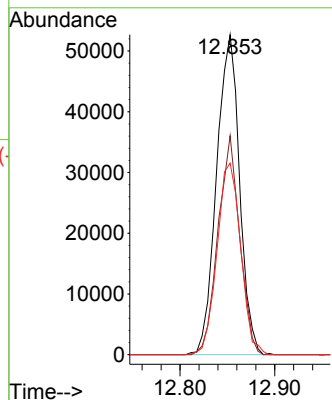
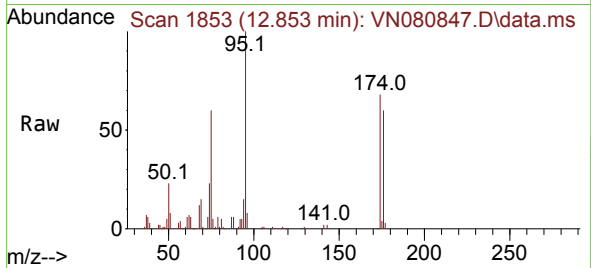




#62
4-Bromofluorobenzene
Concen: 50.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

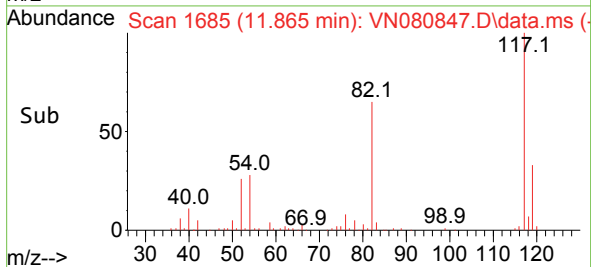
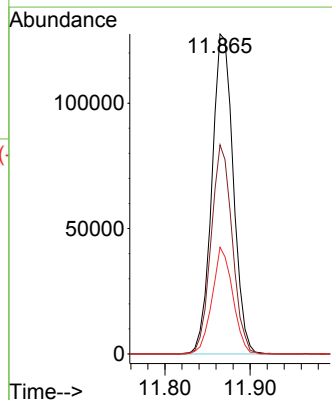
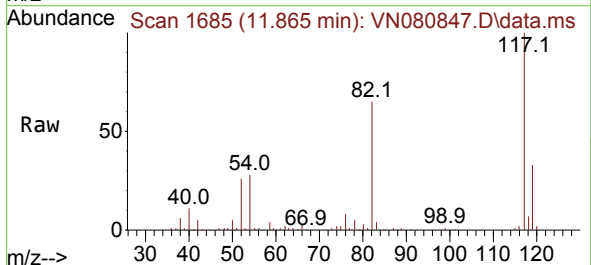
Instrument :
MSVOA_N
ClientSampleId :
TP-41

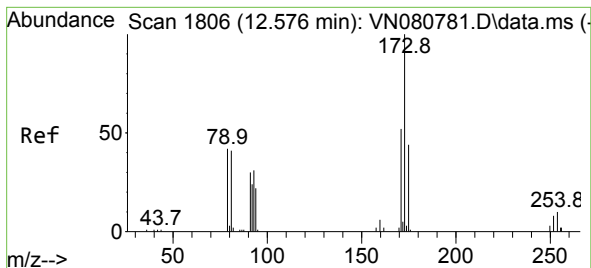
Tgt Ion: 95 Resp: 88843
Ion Ratio Lower Upper
95 100
174 64.4 0.0 120.4
176 61.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Tgt Ion: 117 Resp: 222993
Ion Ratio Lower Upper
117 100
82 65.4 52.7 79.1
119 33.4 25.3 37.9





#71

Bromoform

Concen: 0.277 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN080847.D

Acq: 31 Jan 2024 17:55

Instrument :

MSVOA_N

ClientSampleId :

TP-41

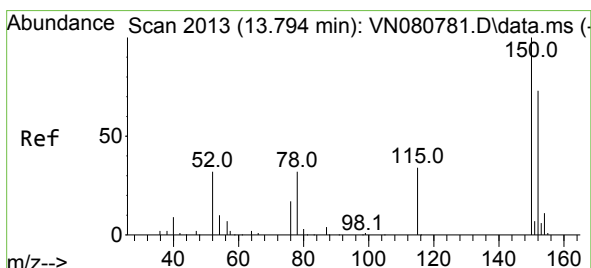
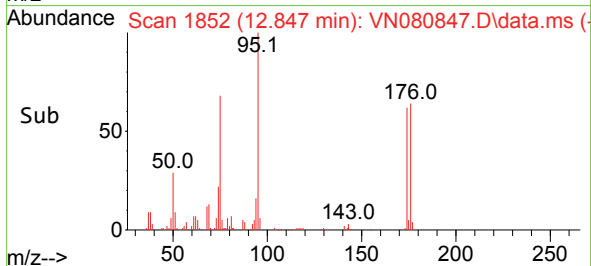
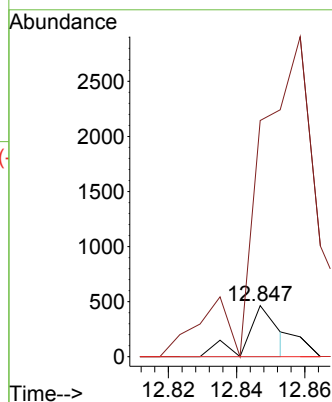
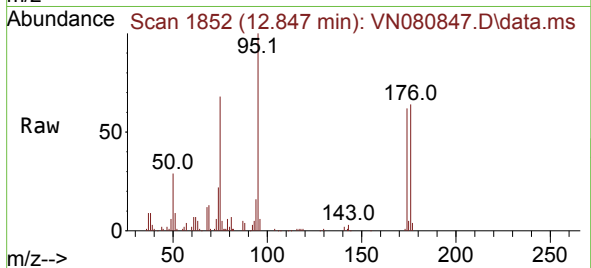
Tgt Ion:173 Resp: 296

Ion Ratio Lower Upper

173 100

175 0.0 23.1 69.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080847.D

Acq: 31 Jan 2024 17:55

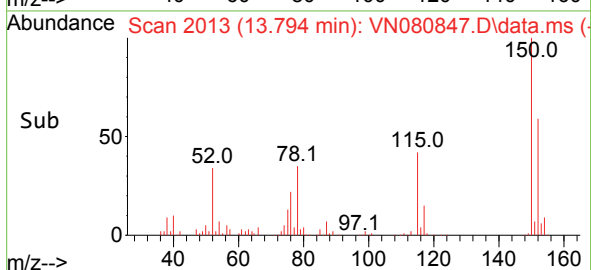
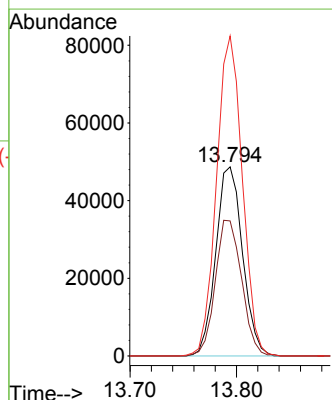
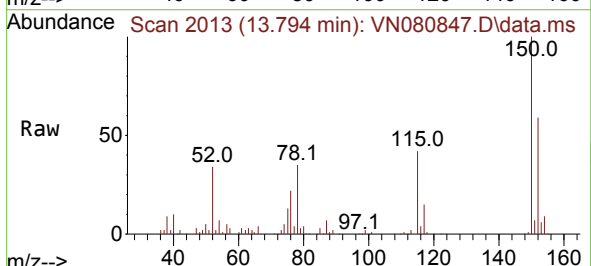
Tgt Ion:152 Resp: 84869

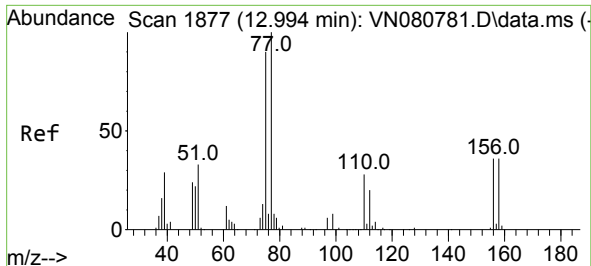
Ion Ratio Lower Upper

152 100

115 70.8 32.3 96.8

150 163.2 0.0 339.8

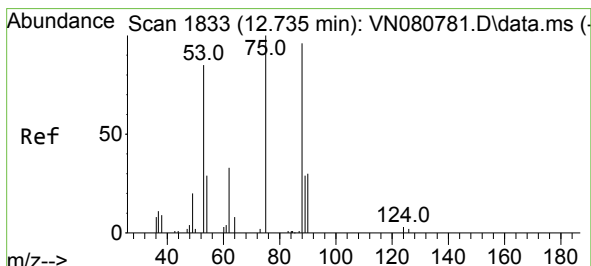
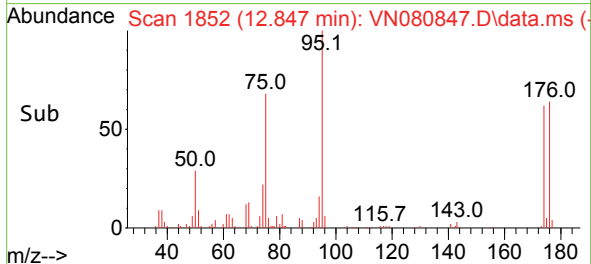
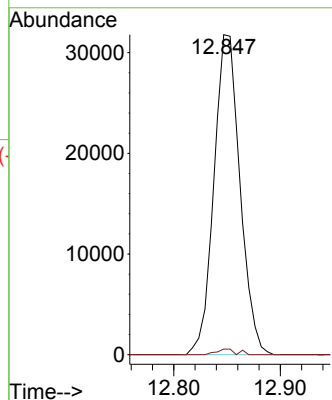
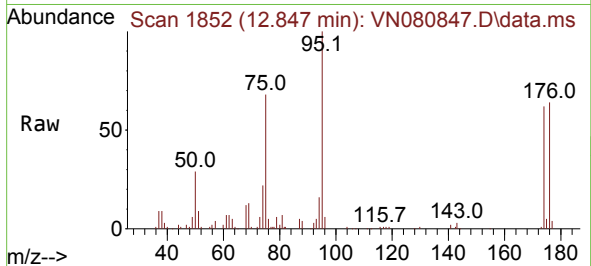




#76
1,2,3-Trichloropropane
Concen: 21.069 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Instrument :
MSVOA_N
ClientSampleId :
TP-41

Tgt Ion: 75 Resp: 53929
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.277 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080847.D
Acq: 31 Jan 2024 17:55

Tgt Ion: 75 Resp: 53929
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

