

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080846.D
 Acq On : 31 Jan 2024 17:31
 Operator : JC\MD
 Sample : P1277-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-40

Quant Time: Jan 31 23:20:06 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)

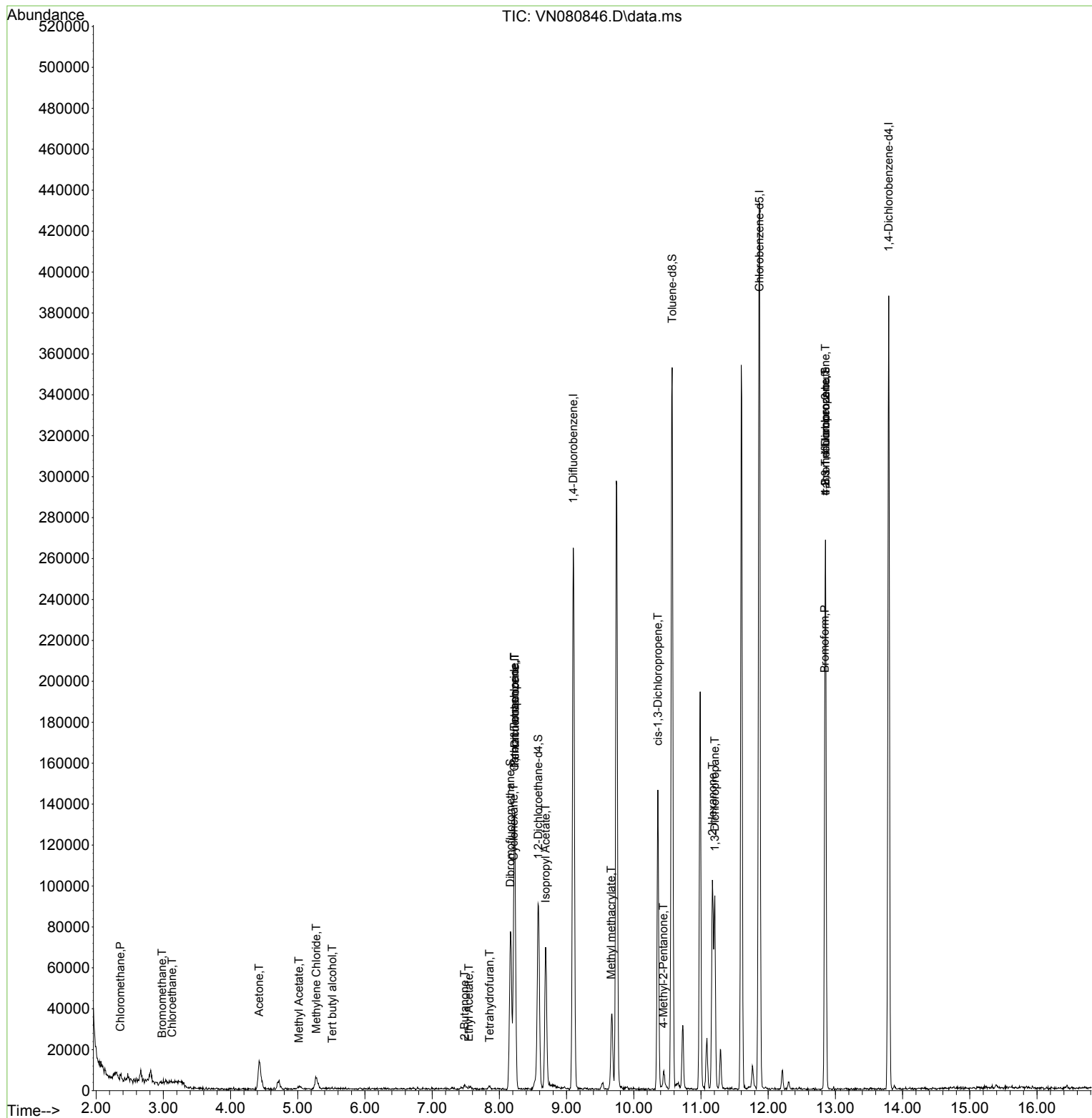
Internal Standards						
1) Pentafluorobenzene	8.229	168	86053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	206018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	217963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72995	49.033	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	8.165	113	53835	42.712	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.420%
50) Toluene-d8	10.570	98	231459	46.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.853	95	91378	53.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1903	0.990	ug/l #	79
5) Bromomethane	2.983	94	123	0.211	ug/l #	81
6) Chloroethane	3.130	64	388	0.498	ug/l #	42
11) Tert butyl alcohol	5.512	59	145	0.598	ug/l #	72
16) Acetone	4.424	43	26540	49.156	ug/l	96
18) Methyl Acetate	5.018	43	1249	0.664	ug/l #	64
20) Methylene Chloride	5.277	84	3551	2.506	ug/l #	74
25) 2-Butanone	7.482	43	3491	3.404	ug/l #	81
29) Tetrahydrofuran	7.853	42	1102	1.588	ug/l #	73
31) Cyclohexane	8.212	56	3180	1.246	ug/l #	33
36) 1,1-Dichloropropene	8.229	75	9486	4.049	ug/l #	48
37) Ethyl Acetate	7.547	43	539	0.223	ug/l #	70
38) Carbon Tetrachloride	8.224	117	10089	5.345	ug/l #	19
43) Isopropyl Acetate	8.688	43	81644	18.594	ug/l #	88
48) Methyl methacrylate	9.665	41	1894	0.890	ug/l #	37
51) 4-Methyl-2-Pentanone	10.441	43	8647	3.523	ug/l #	80
54) cis-1,3-Dichloropropene	10.359	75	24095	8.481	ug/l #	54
57) 1,3-Dichloropropane	11.206	76	761	0.267	ug/l #	43
59) 2-Hexanone	11.170	43	101476	53.223	ug/l #	26
71) Bromoform	12.841	173	444	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	53843	21.112	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	53843	54.389	ug/l #	14

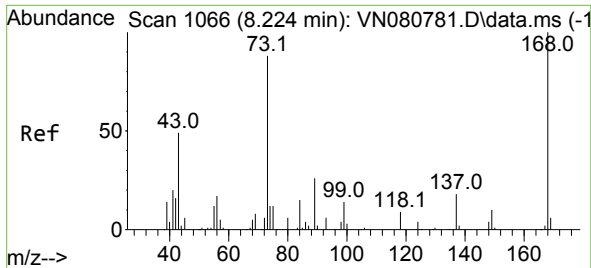
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
Data File : VN080846.D
Acq On : 31 Jan 2024 17:31
Operator : JC\MD
Sample : P1277-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-40

Quant Time: Jan 31 23:20:06 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

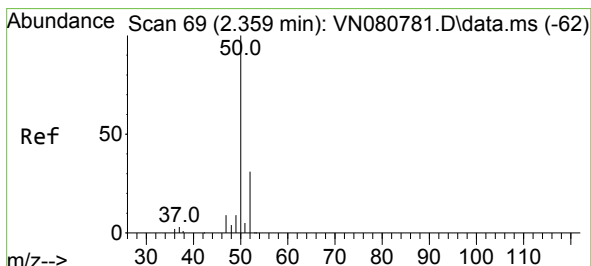
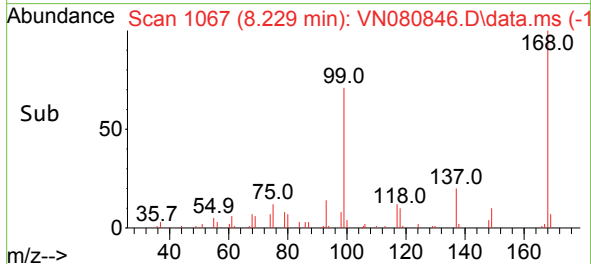
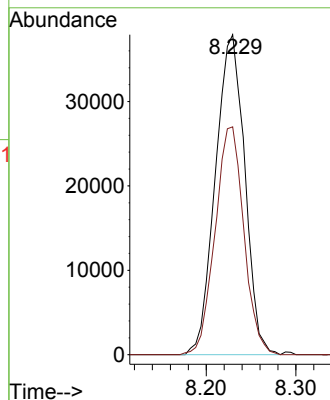
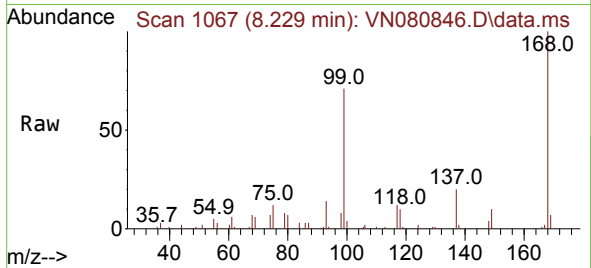




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

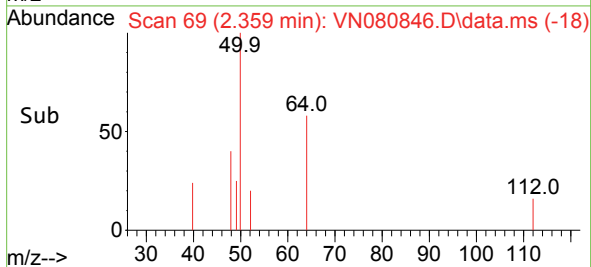
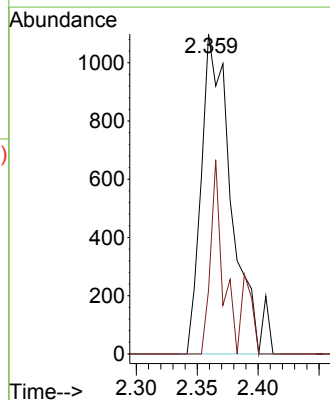
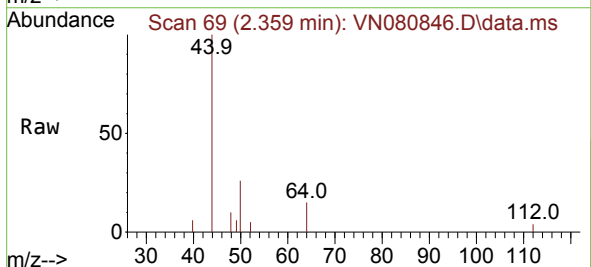
Instrument :
MSVOA_N
ClientSampleId :
TP-40

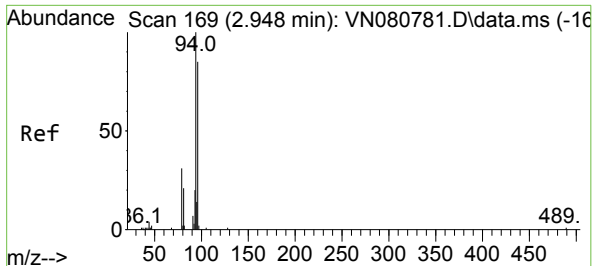
Tgt Ion:168 Resp: 86053
Ion Ratio Lower Upper
168 100
99 71.2 59.9 89.9



#3
Chloromethane
Concen: 0.990 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 50 Resp: 1903
Ion Ratio Lower Upper
50 100
52 19.8 25.0 37.4#

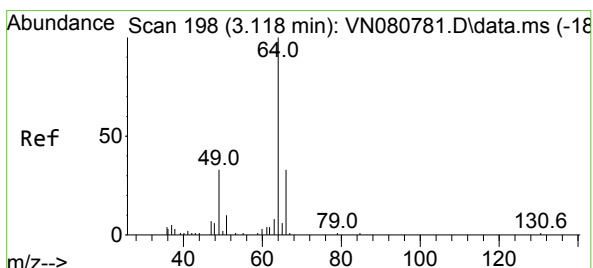
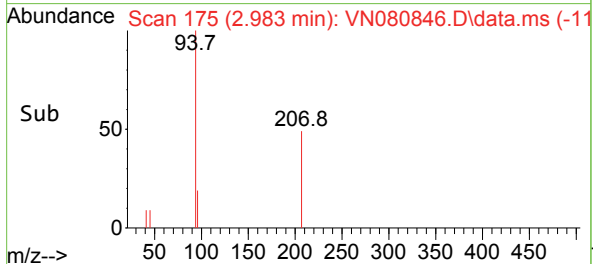
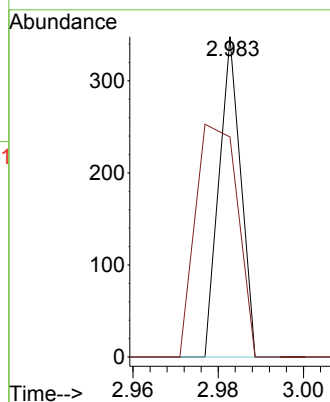
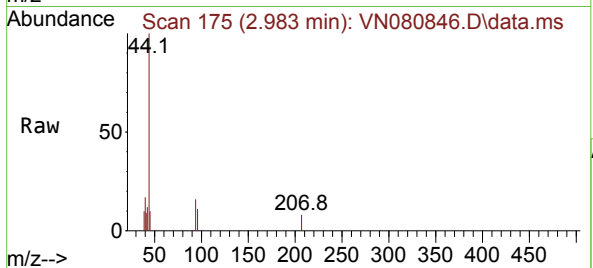




#5
Bromomethane
Concen: 0.211 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

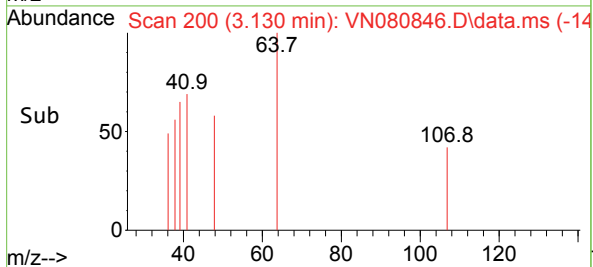
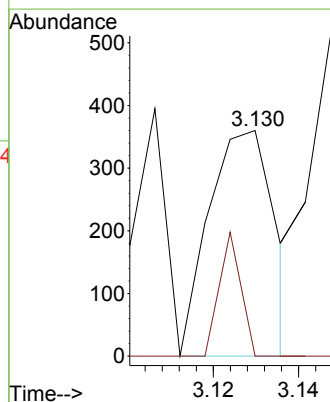
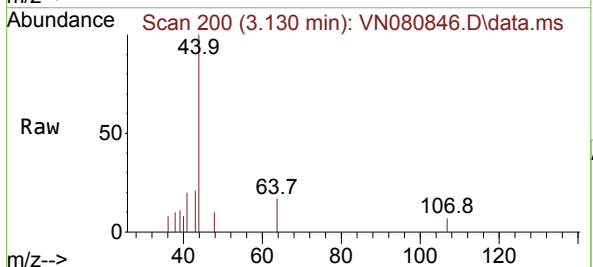
Instrument :
MSVOA_N
ClientSampleId :
TP-40

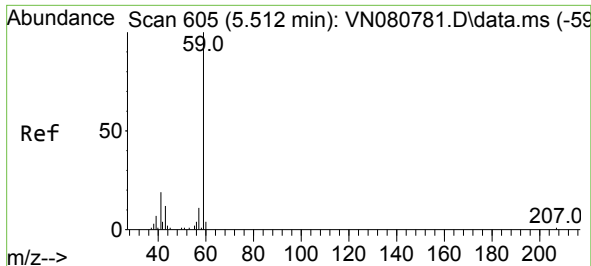
Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 68.7 69.2 103.8#



#6
Chloroethane
Concen: 0.498 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 64 Resp: 388
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

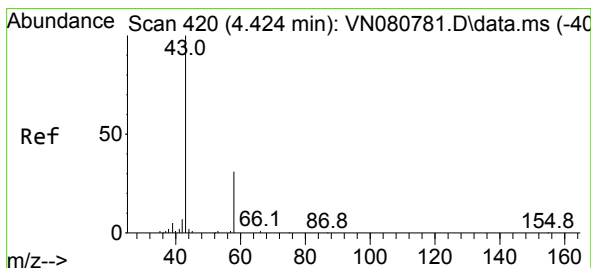
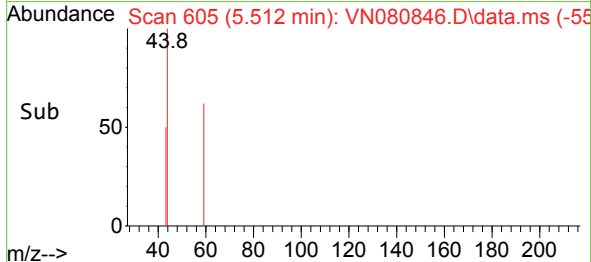
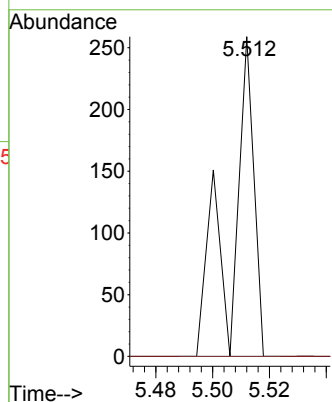
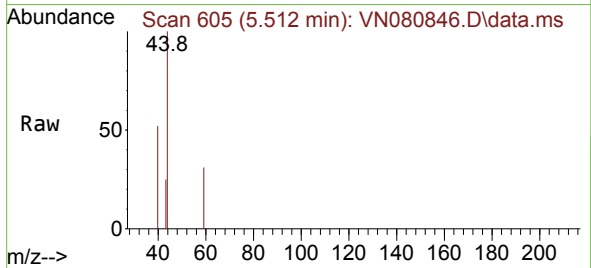




#11
Tert butyl alcohol
Concen: 0.598 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

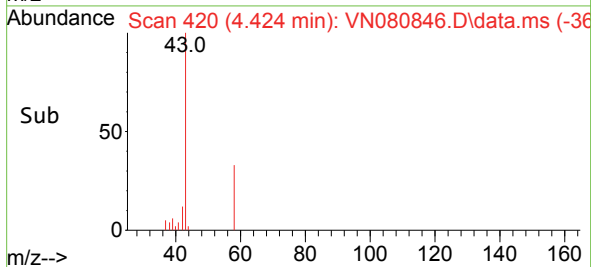
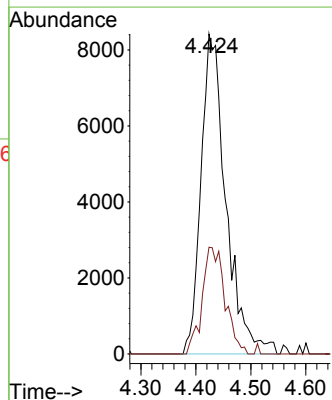
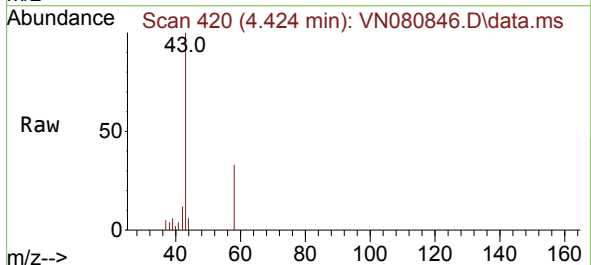
Instrument :
MSVOA_N
ClientSampleId :
TP-40

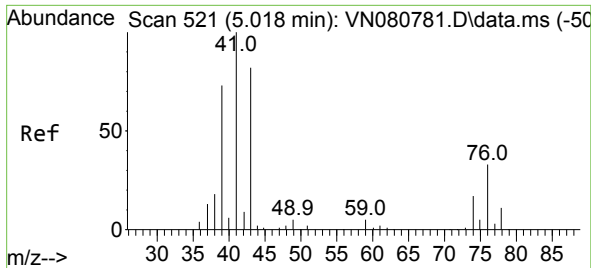
Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 49.156 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 43 Resp: 26540
Ion Ratio Lower Upper
43 100
58 33.3 24.8 37.2

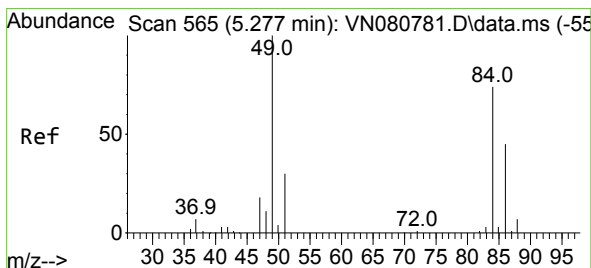
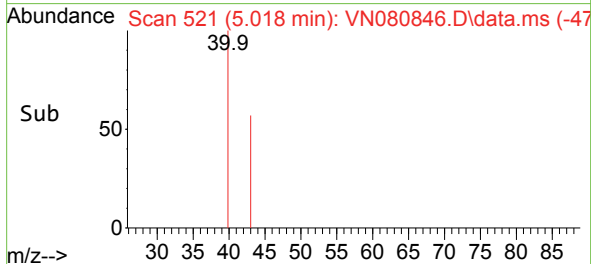
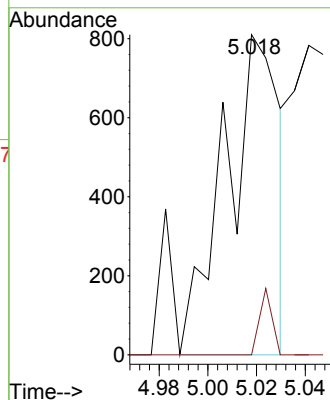
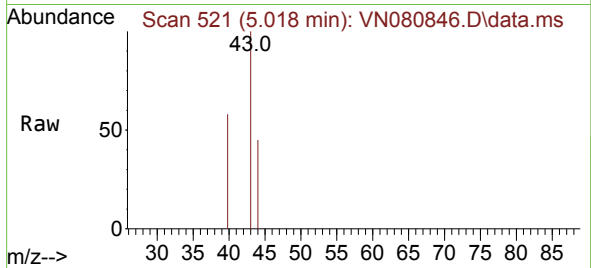




#18
Methyl Acetate
Concen: 0.664 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

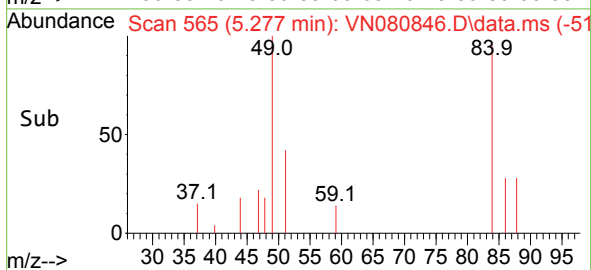
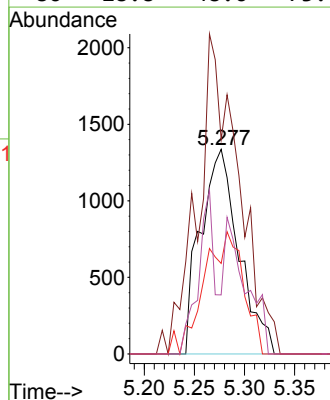
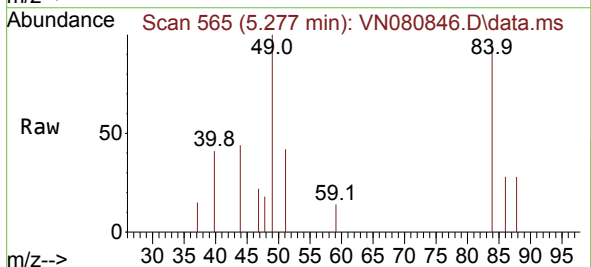
Instrument :
MSVOA_N
ClientSampleId :
TP-40

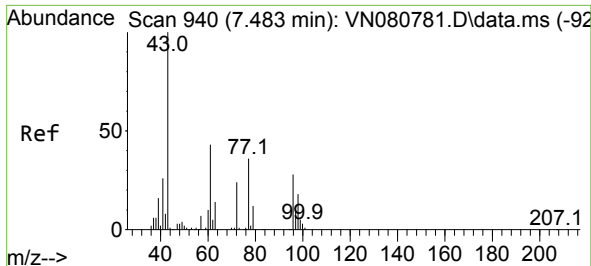
Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
74 4.7 17.3 25.9#



#20
Methylene Chloride
Concen: 2.506 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 84 Resp: 3551
Ion Ratio Lower Upper
84 100
49 104.8 108.1 162.1#
51 44.2 32.9 49.3
86 28.8 48.6 73.0#

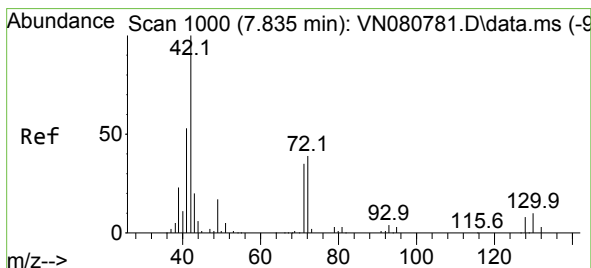
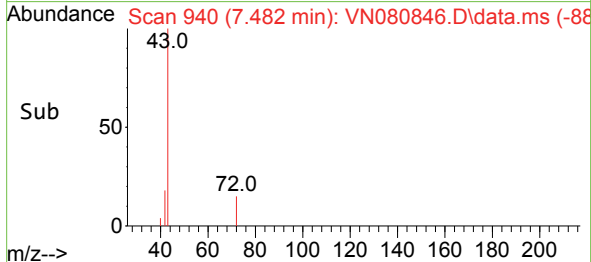
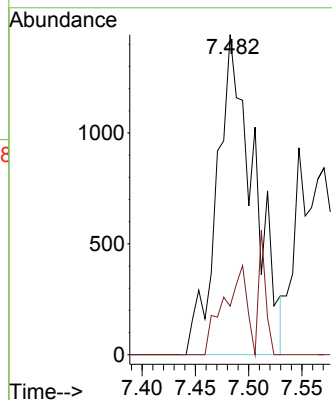
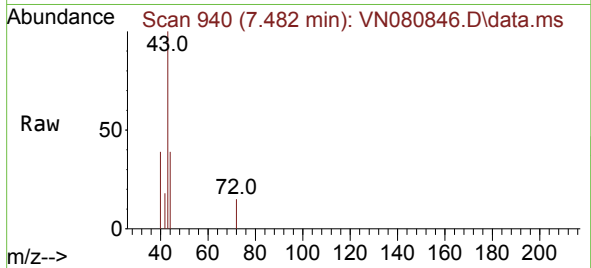




#25
2-Butanone
Concen: 3.404 ug/l
RT: 7.482 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

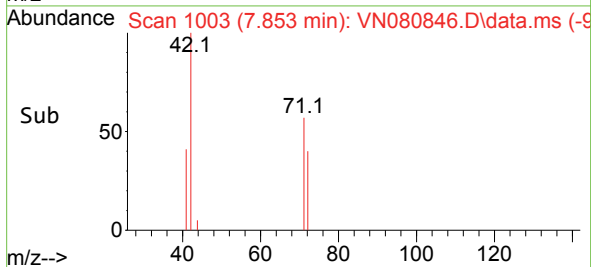
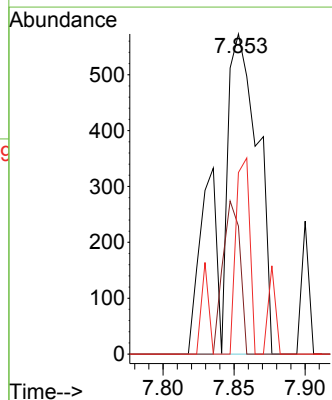
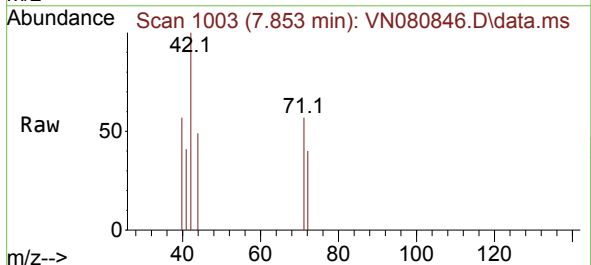
Instrument :
MSVOA_N
ClientSampleId :
TP-40

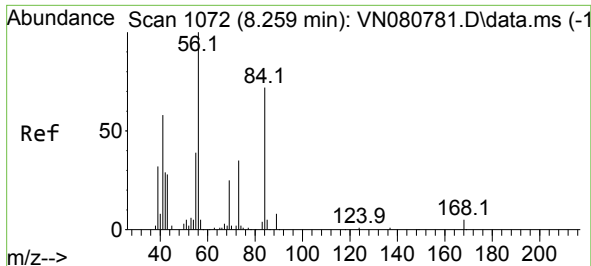
Tgt Ion: 43 Resp: 3491
Ion Ratio Lower Upper
43 100
72 15.2 19.5 29.3#



#29
Tetrahydrofuran
Concen: 1.588 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 42 Resp: 1102
Ion Ratio Lower Upper
42 100
72 21.0 31.1 46.7#
71 21.6 28.3 42.5#

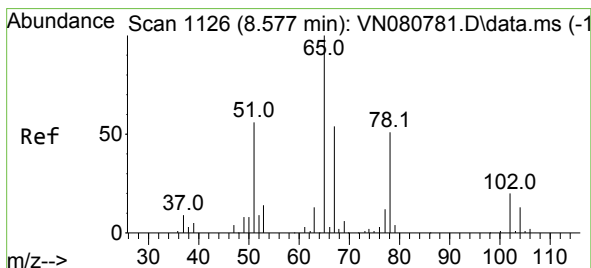
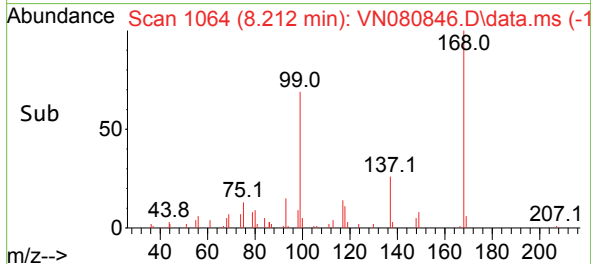
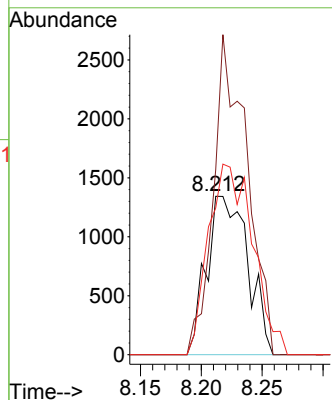
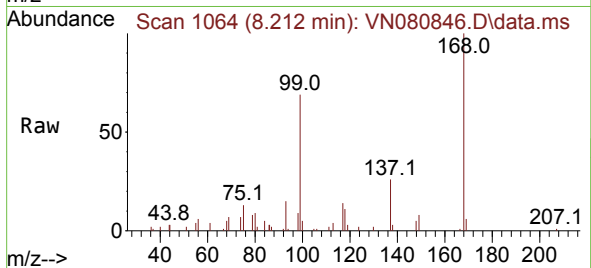




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

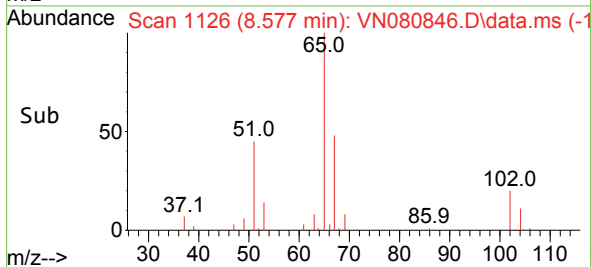
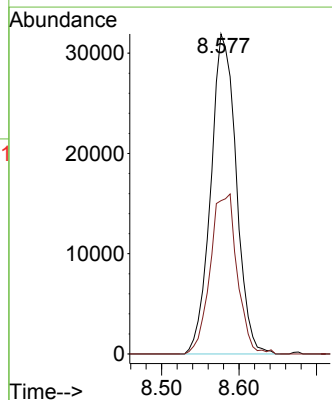
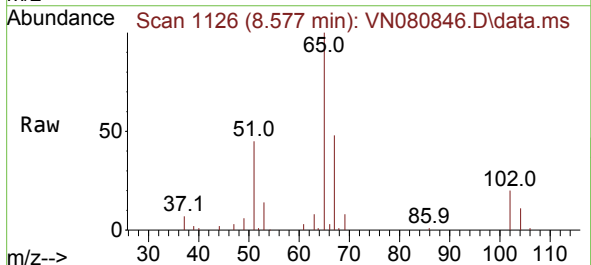
Instrument :
MSVOA_N
ClientSampleId :
TP-40

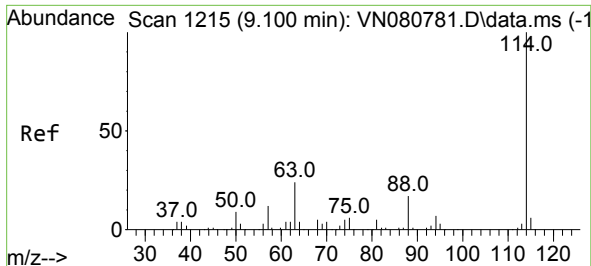
Tgt Ion: 56 Resp: 3180
Ion Ratio Lower Upper
56 100
69 116.7 20.1 30.1#
84 92.6 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.033 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 65 Resp: 72995
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4

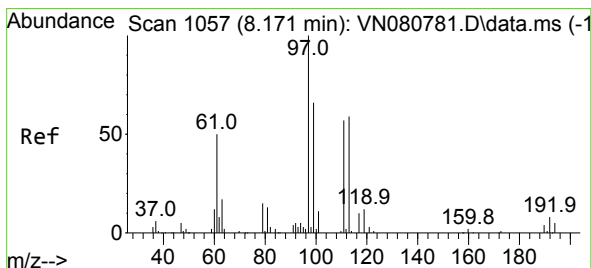
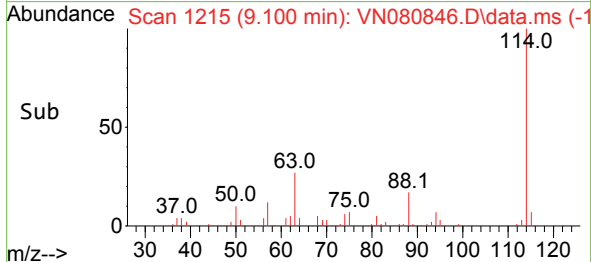
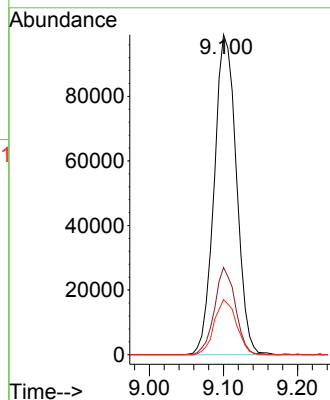
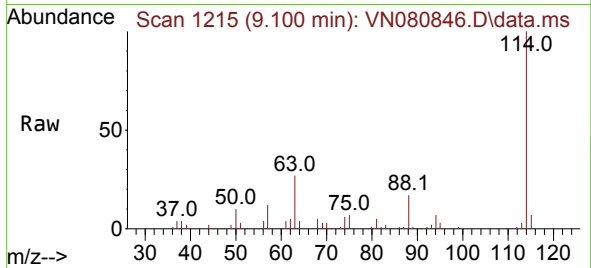




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

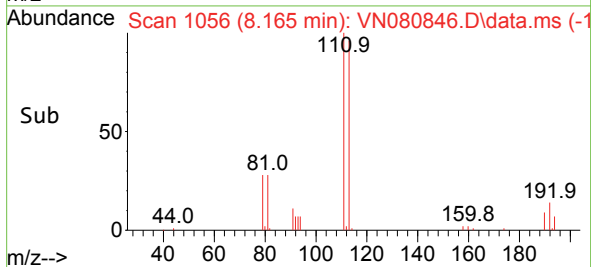
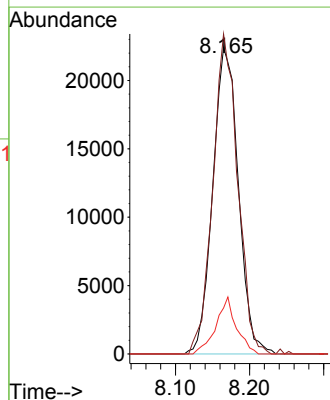
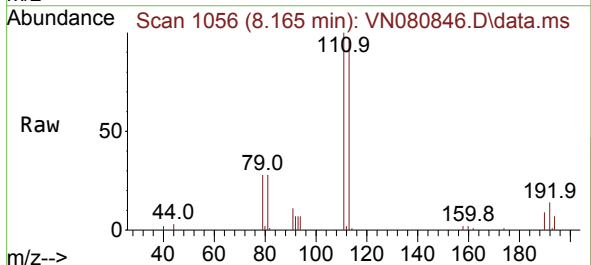
Instrument :
MSVOA_N
ClientSampleId :
TP-40

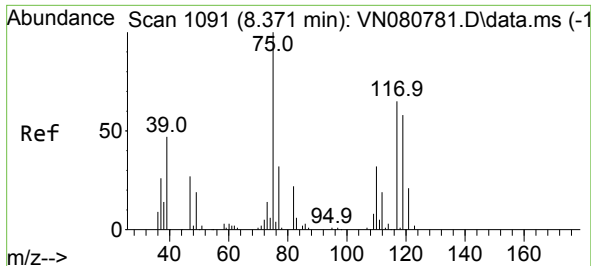
Tgt Ion:114 Resp: 206018
Ion Ratio Lower Upper
114 100
63 27.3 0.0 48.0
88 17.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 42.712 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

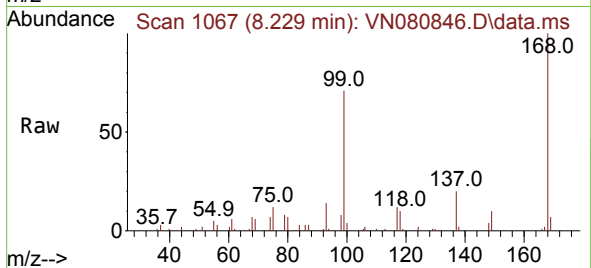
Tgt Ion:113 Resp: 53835
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 14.8 12.5 18.7



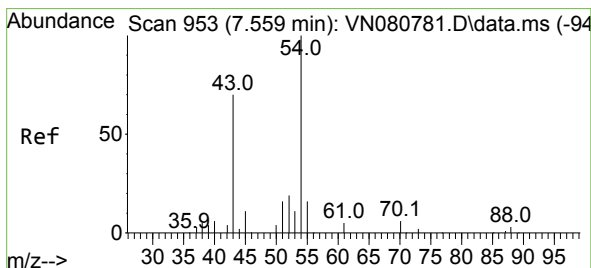
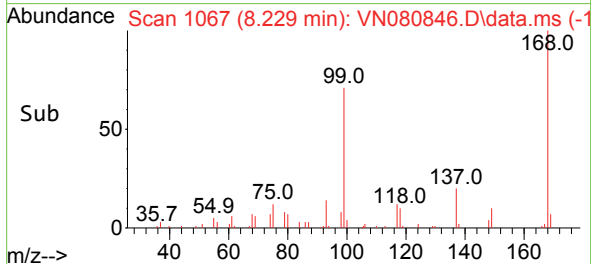
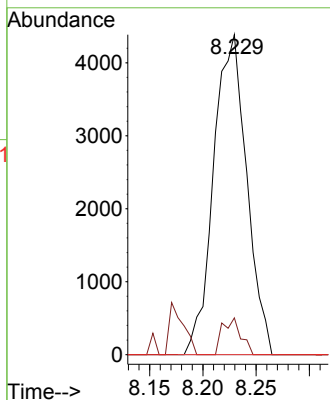


#36
1,1-Dichloropropene
Concen: 4.049 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
TP-40

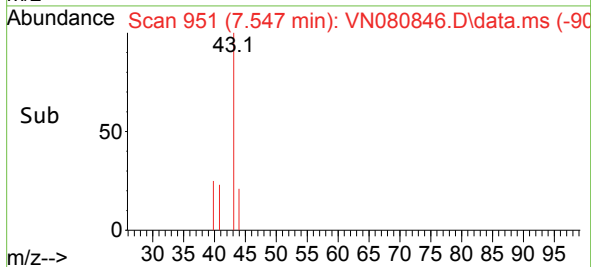
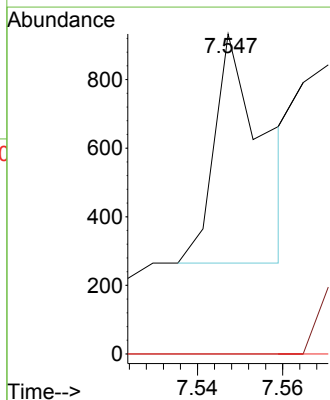
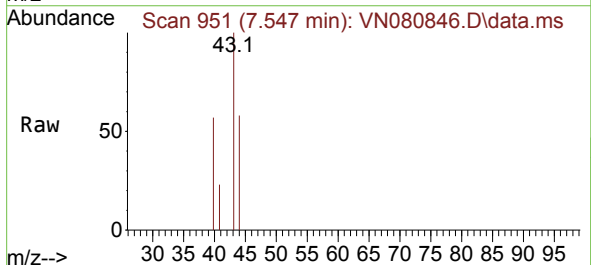


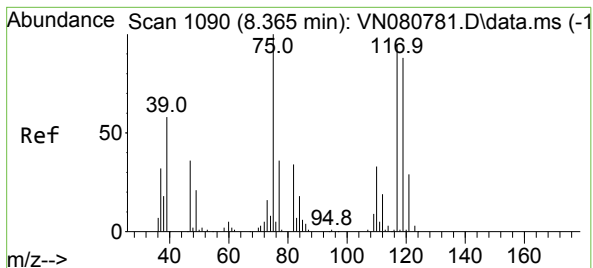
Tgt Ion: 75 Resp: 9486
Ion Ratio Lower Upper
75 100
110 6.4 16.0 48.0#
77 0.0 25.8 38.6#



#37
Ethyl Acetate
Concen: 0.223 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.012 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 5.345 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080846.D

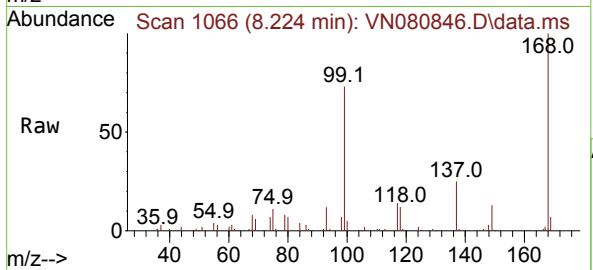
Acq: 31 Jan 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

TP-40



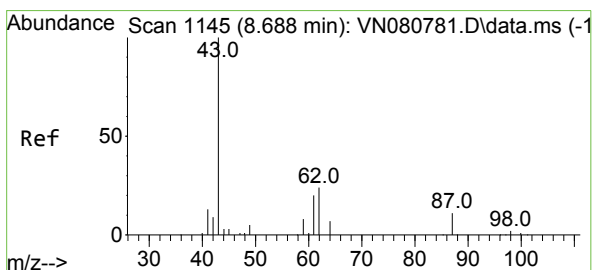
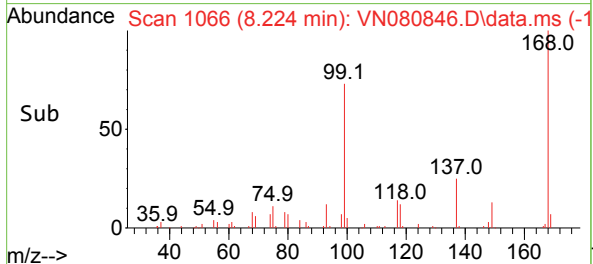
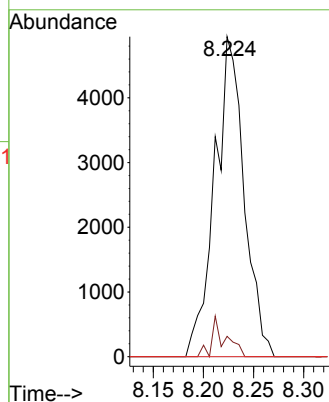
Tgt Ion:117 Resp: 10089

Ion Ratio Lower Upper

117 100

119 6.4 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 18.594 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080846.D

Acq: 31 Jan 2024 17:31

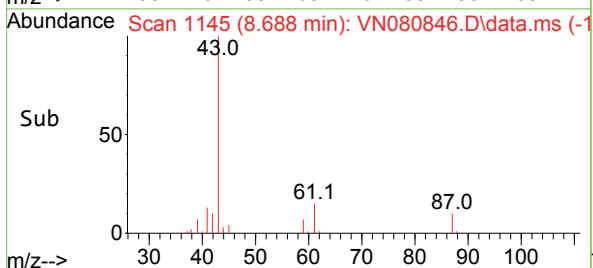
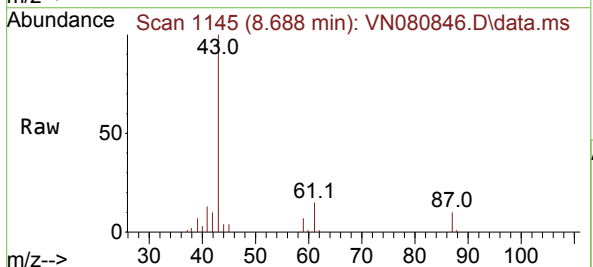
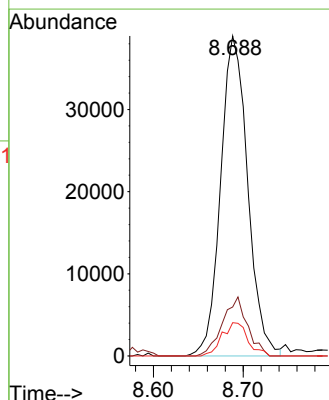
Tgt Ion: 43 Resp: 81644

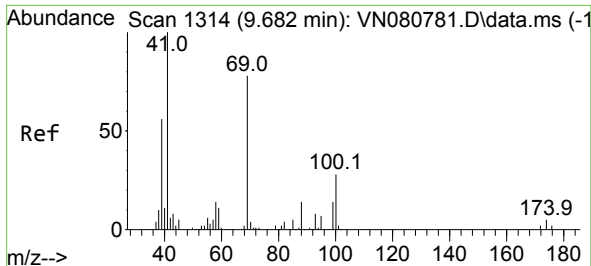
Ion Ratio Lower Upper

43 100

61 17.0 19.9 29.9#

87 9.9 9.0 13.6

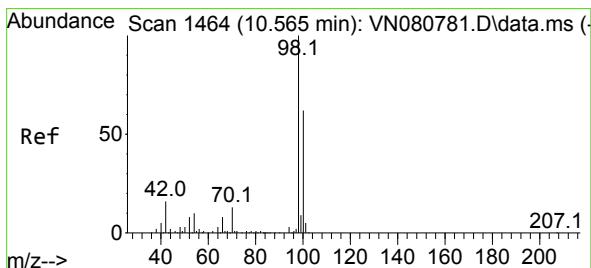
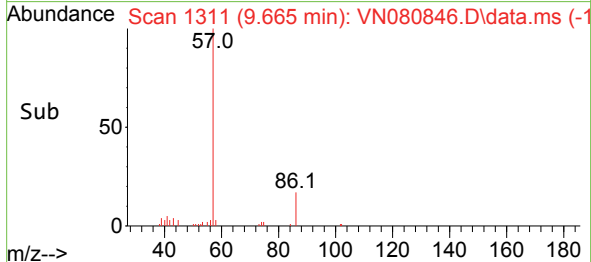
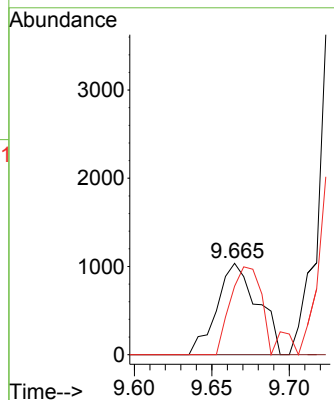
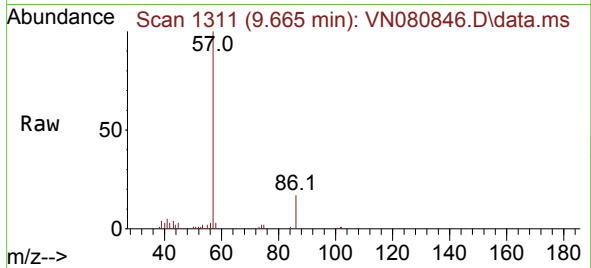




#48
Methyl methacrylate
Concen: 0.890 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

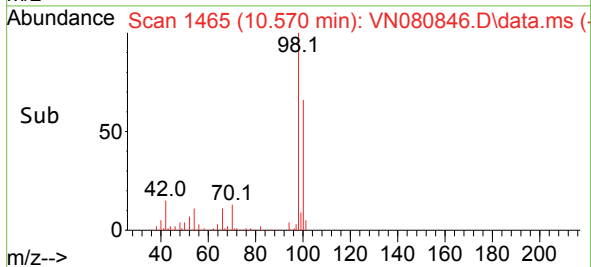
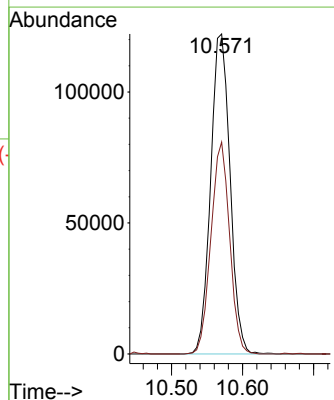
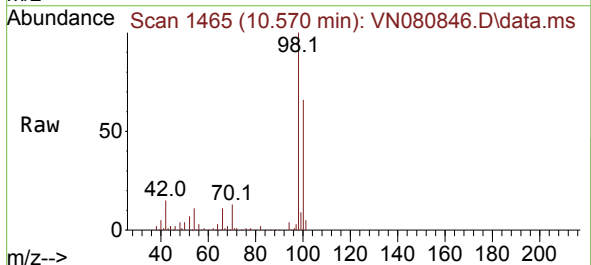
Instrument :
MSVOA_N
ClientSampleId :
TP-40

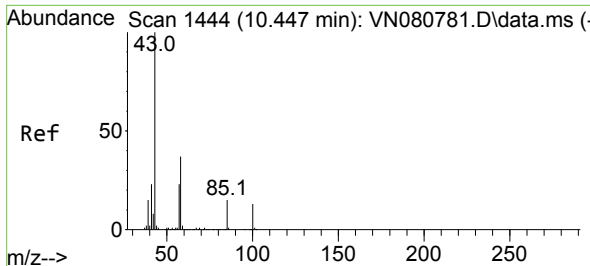
Tgt Ion: 41 Resp: 1894
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 81.0 47.6 71.4#



#50
Toluene-d8
Concen: 46.918 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 98 Resp: 231459
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

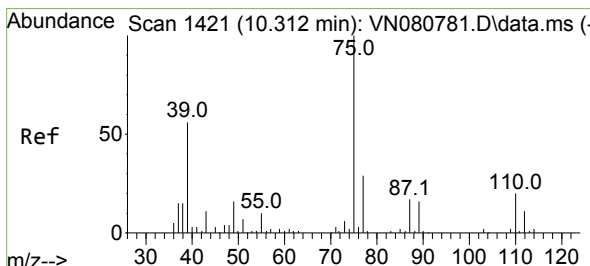
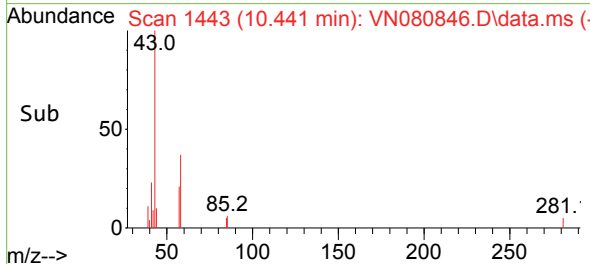
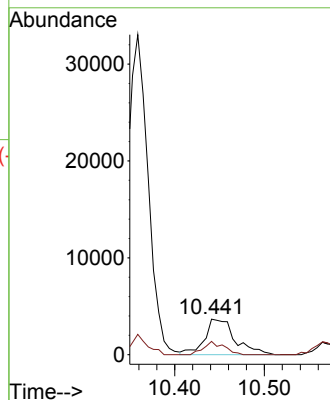
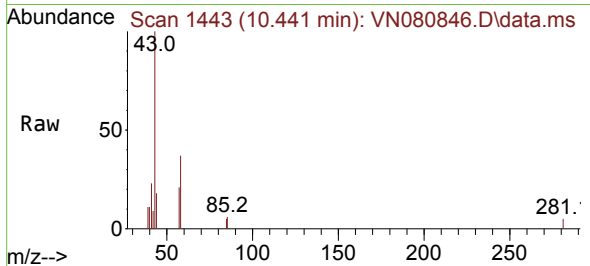




#51
4-Methyl-2-Pentanone
Concen: 3.523 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

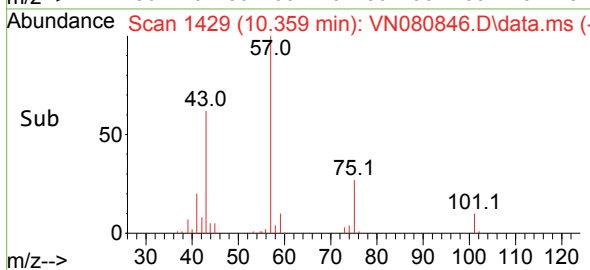
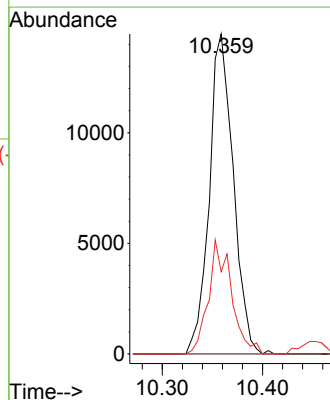
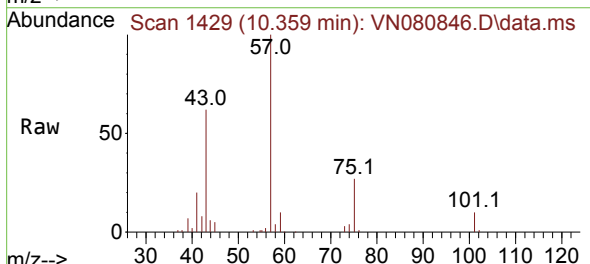
Instrument :
MSVOA_N
ClientSampleId :
TP-40

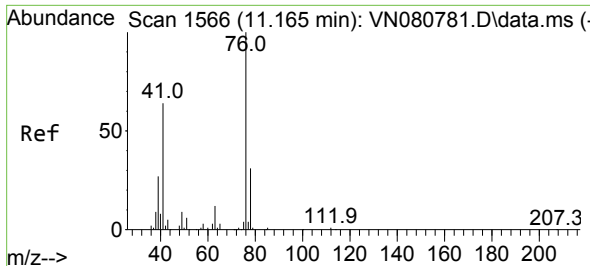
Tgt Ion: 43 Resp: 8647
Ion Ratio Lower Upper
43 100
58 24.7 29.4 44.0#



#54
cis-1,3-Dichloropropene
Concen: 8.481 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 75 Resp: 24095
Ion Ratio Lower Upper
75 100
77 0.0 23.3 34.9#
39 25.7 44.6 66.8#

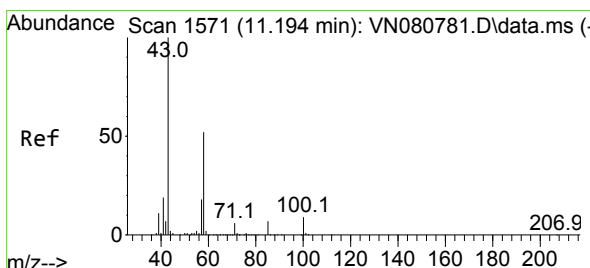
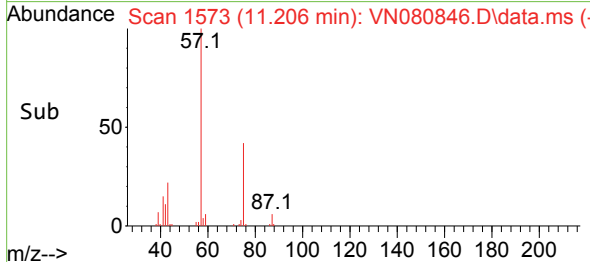
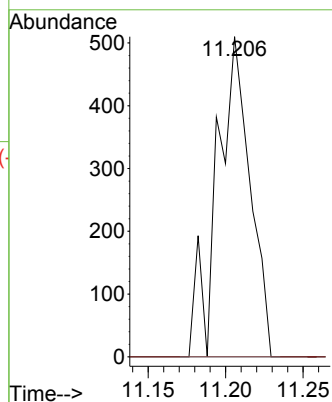
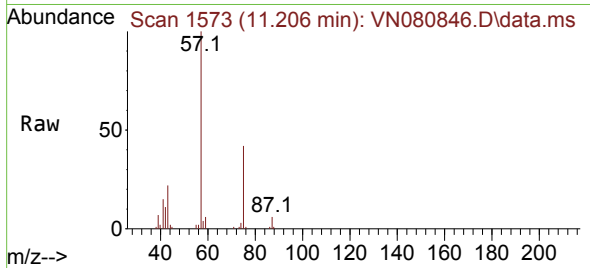




#57
1,3-Dichloropropane
Concen: 0.267 ug/l
RT: 11.206 min Scan# 1567
Delta R.T. 0.041 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

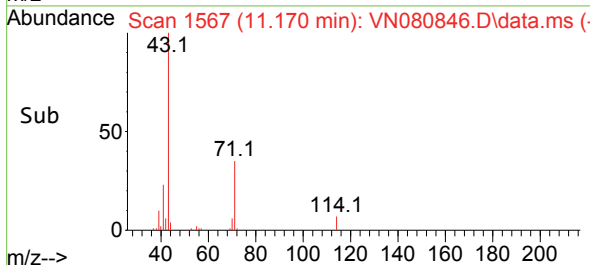
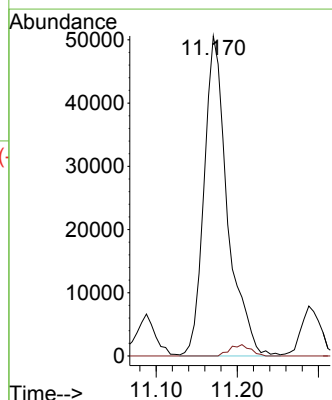
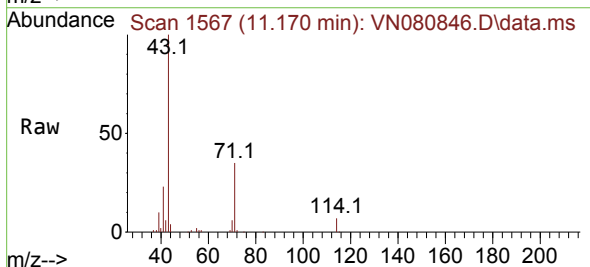
Instrument :
MSVOA_N
ClientSampleId :
TP-40

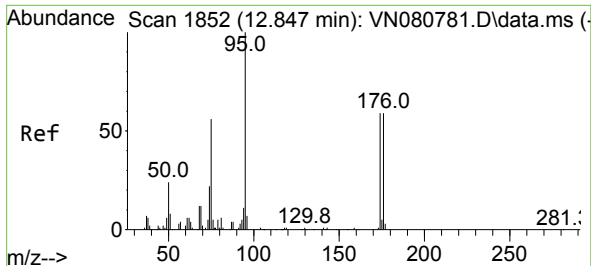
Tgt Ion: 76 Resp: 761
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#



#59
2-Hexanone
Concen: 53.223 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 43 Resp: 101476
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#

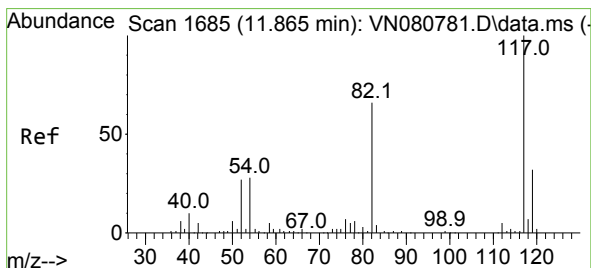
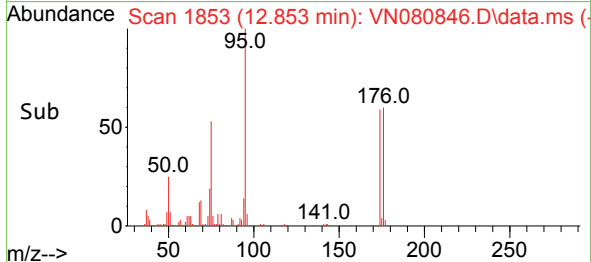
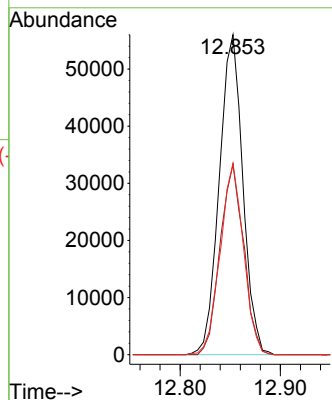
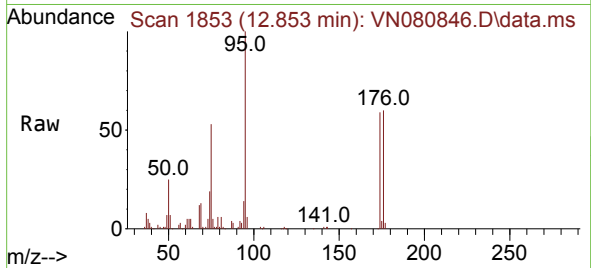




#62
4-Bromofluorobenzene
Concen: 53.155 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

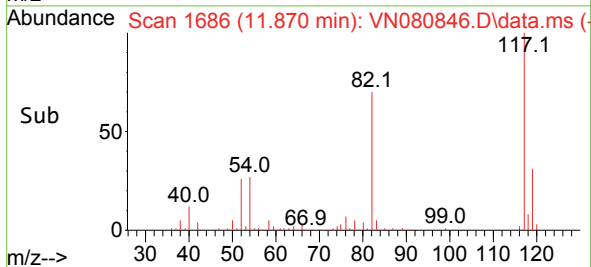
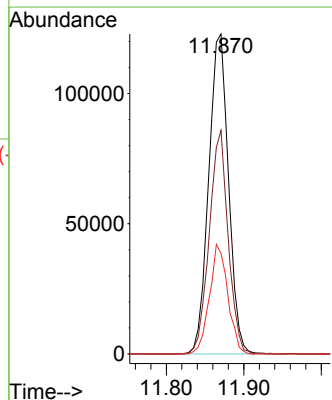
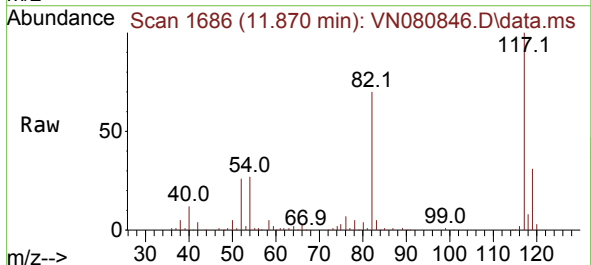
Instrument :
MSVOA_N
ClientSampleId :
TP-40

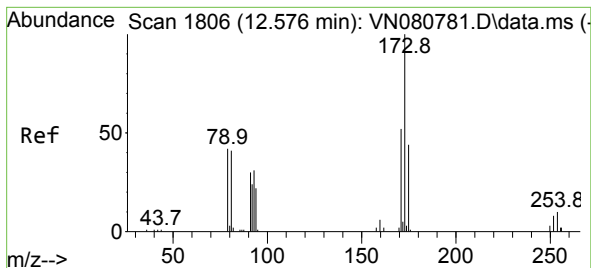
Tgt Ion:	95	Resp:	91378
Ion	Ratio	Lower	Upper
95	100		
174	59.6	0.0	120.4
176	59.1	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion:	117	Resp:	217963
Ion	Ratio	Lower	Upper
117	100		
82	69.8	52.7	79.1
119	31.4	25.3	37.9





#71

Bromoform

Concen: 0.424 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.265 min

Lab File: VN080846.D

Acq: 31 Jan 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

TP-40

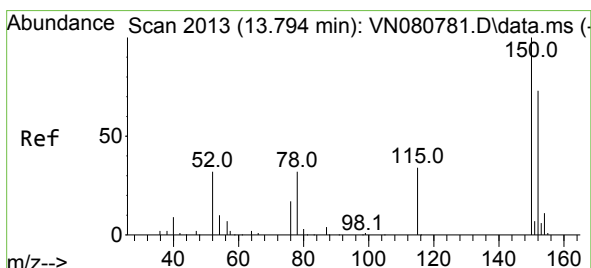
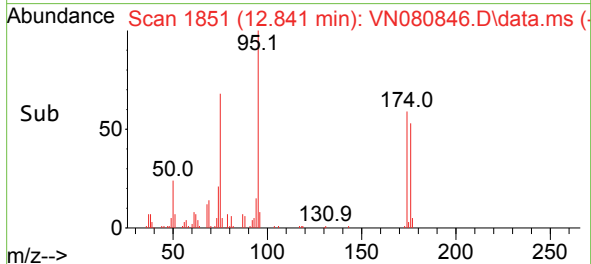
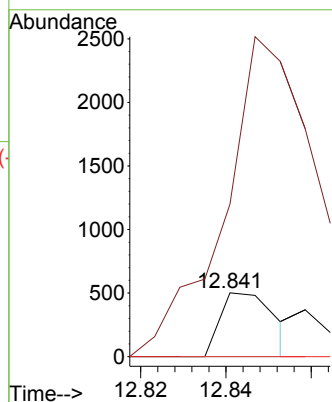
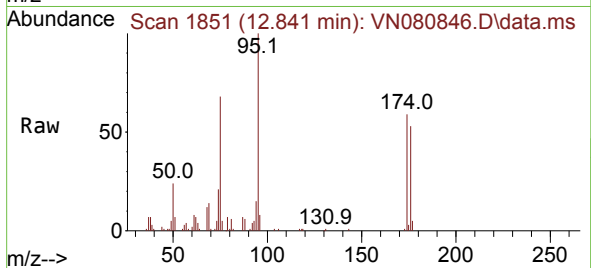
Tgt Ion:173 Resp: 444

Ion Ratio Lower Upper

173 100

175 584.5 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: VN080846.D

Acq: 31 Jan 2024 17:31

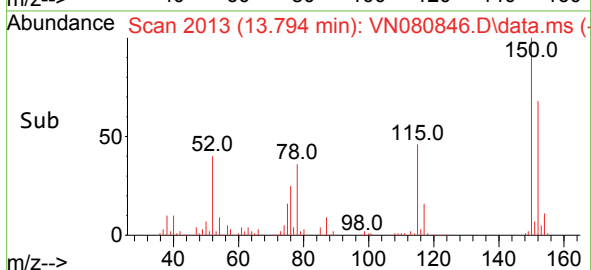
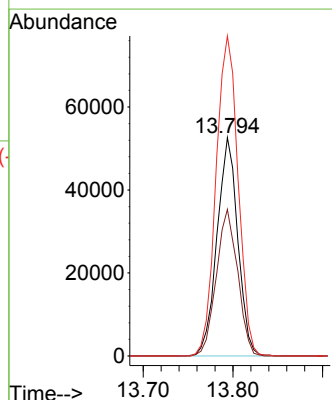
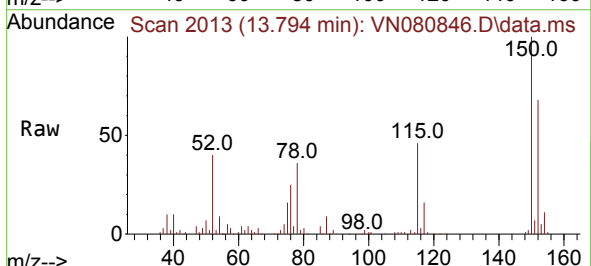
Tgt Ion:152 Resp: 84559

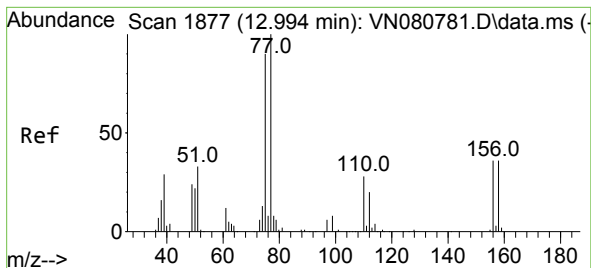
Ion Ratio Lower Upper

152 100

115 69.0 32.3 96.8

150 155.5 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 21.112 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080846.D

Acq: 31 Jan 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

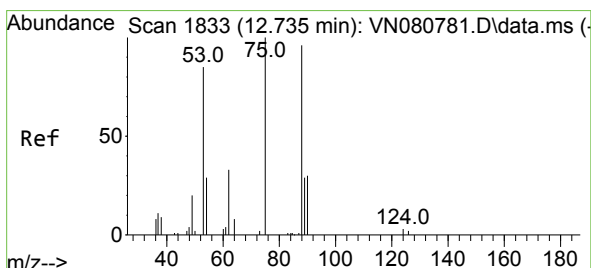
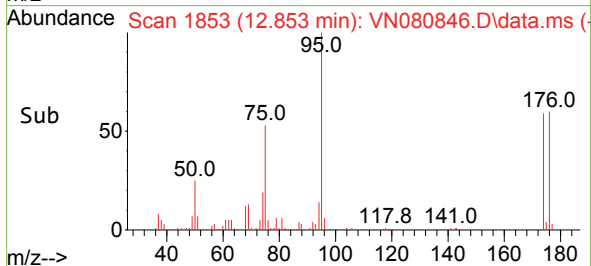
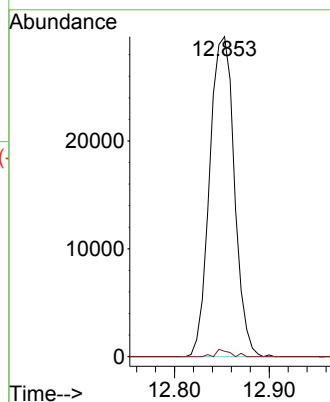
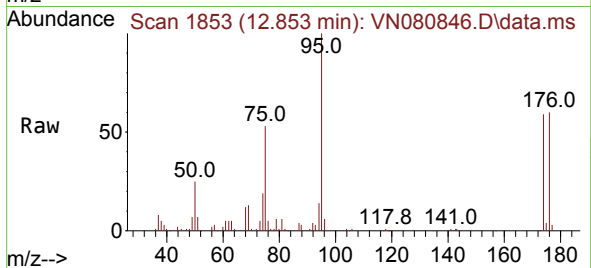
TP-40

Tgt Ion: 75 Resp: 53843

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.389 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN080846.D

Acq: 31 Jan 2024 17:31

Tgt Ion: 75 Resp: 53843

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.1 33.4 50.0#

