

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080882.D
 Acq On : 02 Feb 2024 18:39
 Operator : JC\MD
 Sample : P1365-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-20240201

Quant Time: Feb 02 23:55:07 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)

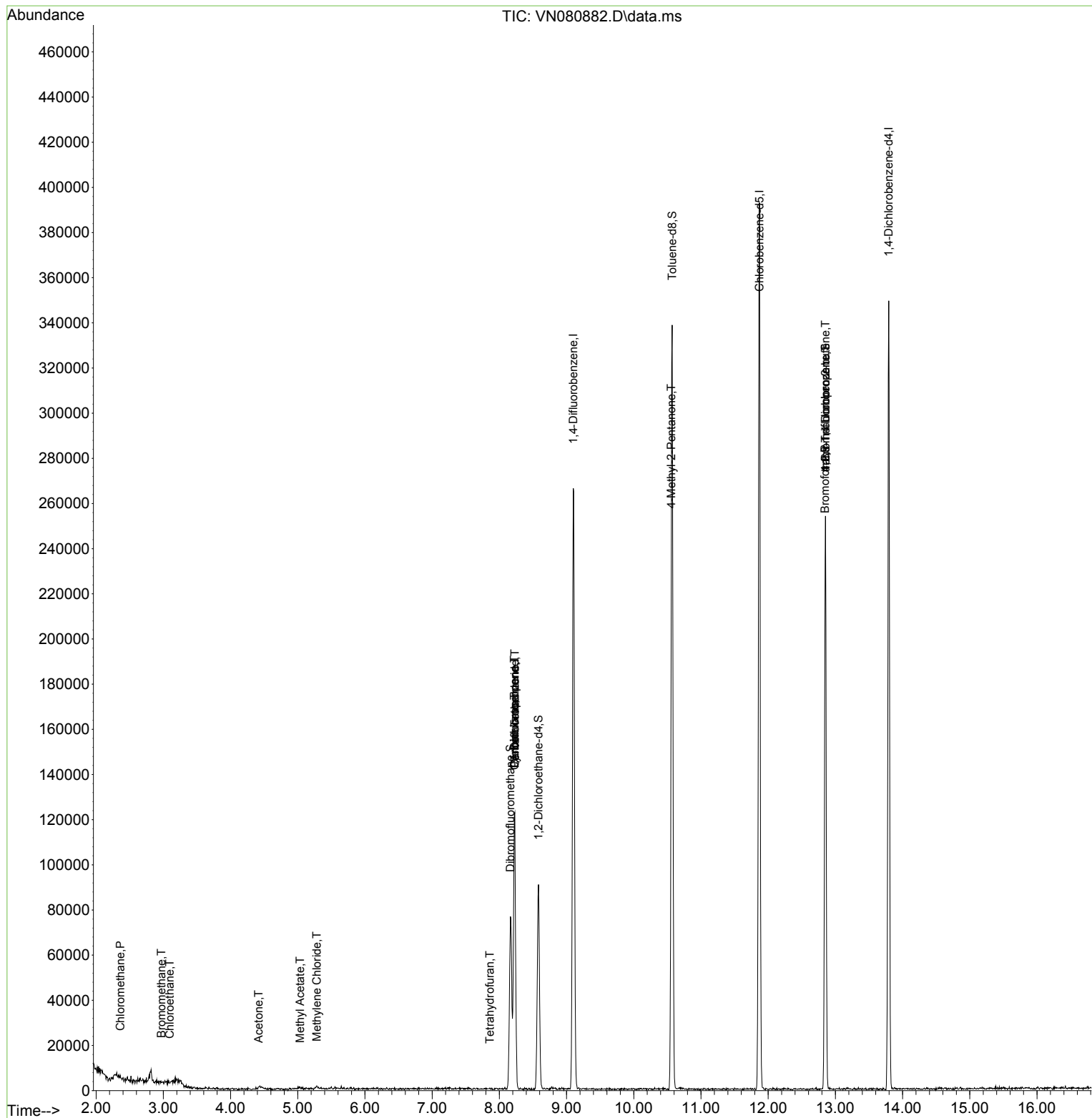
Internal Standards						
1) Pentafluorobenzene	8.230	168	76404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	196298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69757	52.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.560%	
35) Dibromofluoromethane	8.165	113	53718	42.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 84.820%	
50) Toluene-d8	10.571	98	221653	44.710	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.420%	
62) 4-Bromofluorobenzene	12.853	95	82400	47.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1264	0.741	ug/l #	43
5) Bromomethane	2.971	94	215	0.414	ug/l #	6
6) Chloroethane	3.095	64	146	0.211	ug/l #	42
16) Acetone	4.418	43	796	1.661	ug/l #	82
18) Methyl Acetate	5.036	43	770	0.461	ug/l #	54
20) Methylene Chloride	5.283	84	321	0.255	ug/l #	74
29) Tetrahydrofuran	7.859	42	127	0.206	ug/l #	38
31) Cyclohexane	8.224	56	2805	1.238	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	8666	3.681	ug/l #	48
38) Carbon Tetrachloride	8.230	117	8835	4.658	ug/l #	23
51) 4-Methyl-2-Pentanone	10.559	43	1253	0.508	ug/l #	1
71) Bromoform	12.847	173	352	0.374	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	50289	21.310	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	50289	54.898	ug/l #	14

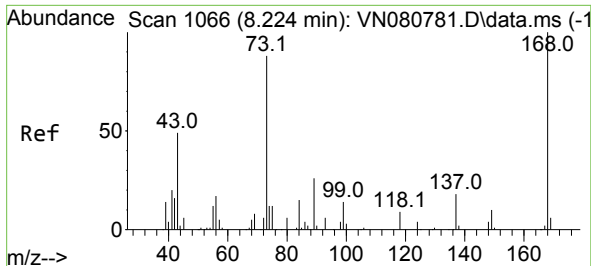
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
Data File : VN080882.D
Acq On : 02 Feb 2024 18:39
Operator : JC\MD
Sample : P1365-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

Quant Time: Feb 02 23:55:07 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

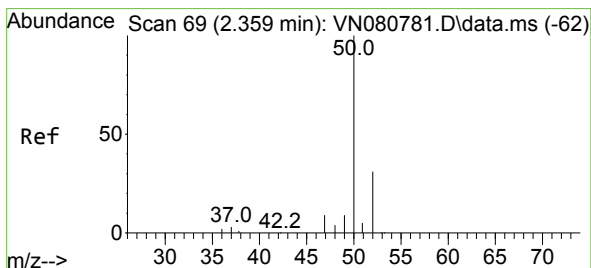
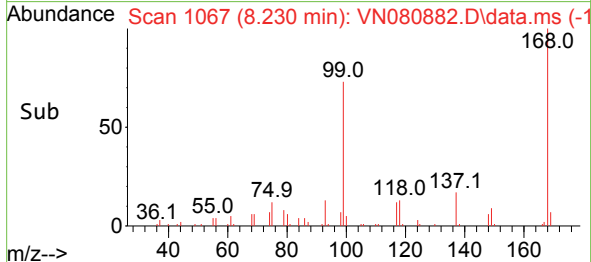
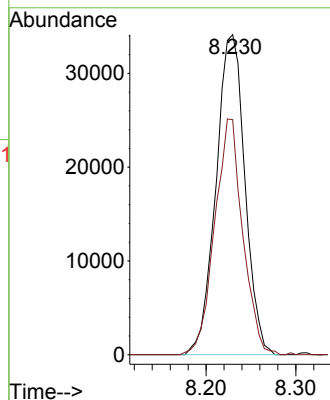
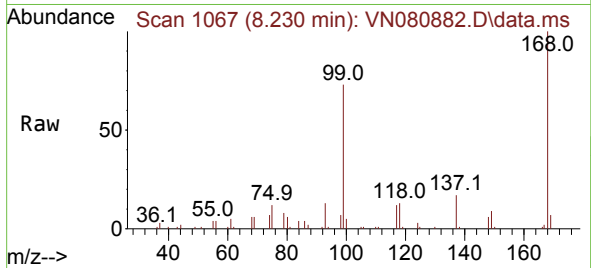




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

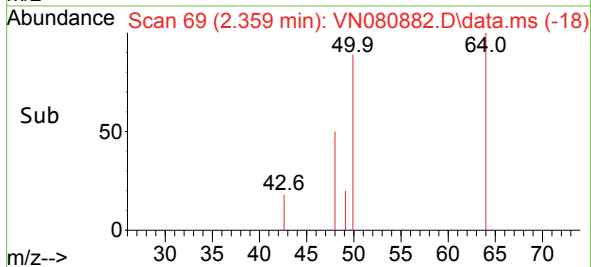
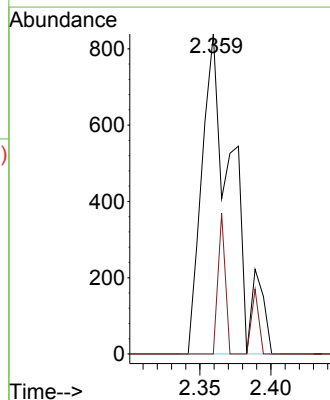
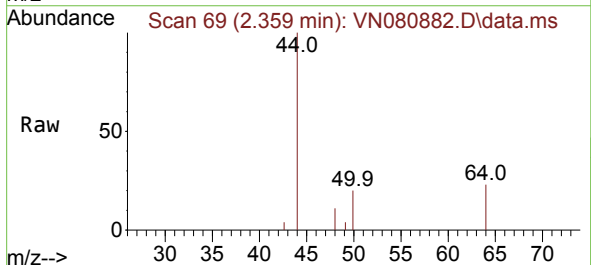
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

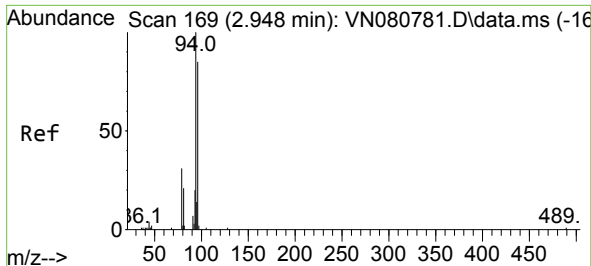
Tgt Ion:168 Resp: 76404
Ion Ratio Lower Upper
168 100
99 73.4 59.9 89.9



#3
Chloromethane
Concen: 0.741 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion: 50 Resp: 1264
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

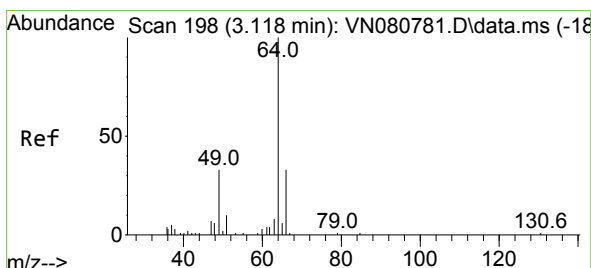
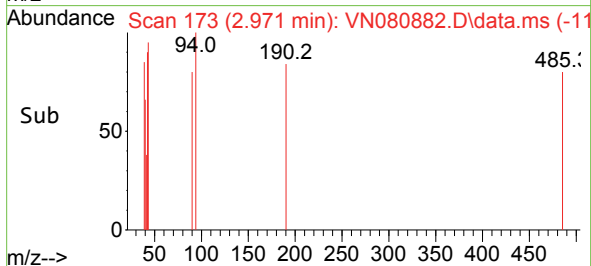
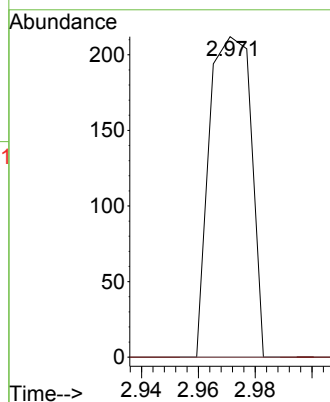
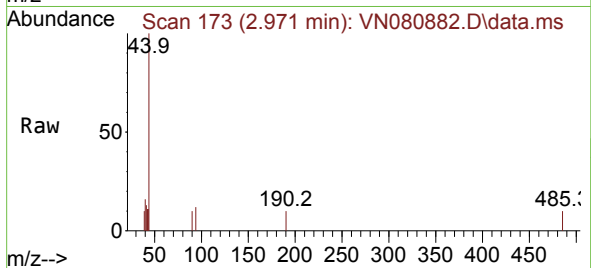




#5
Bromomethane
Concen: 0.414 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

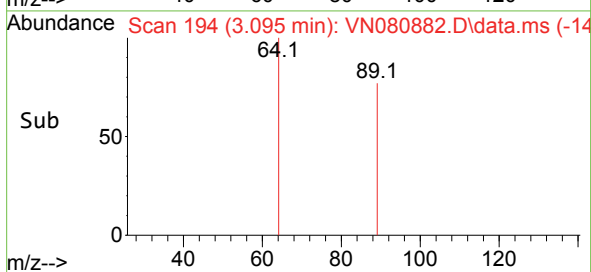
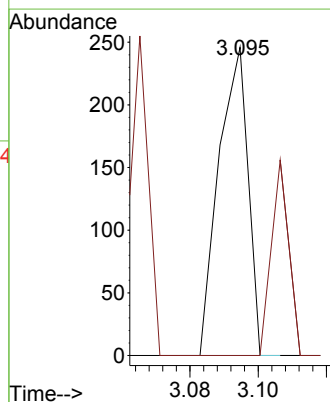
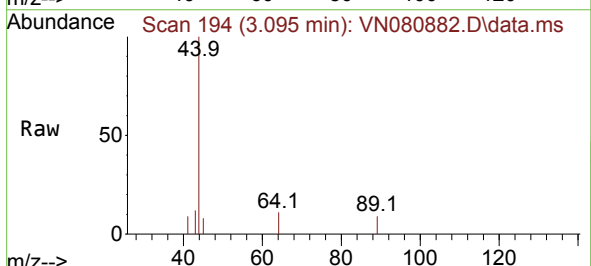
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

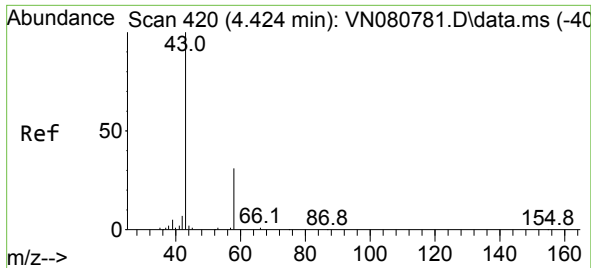
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#6
Chloroethane
Concen: 0.211 ug/l
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion: 64 Resp: 146
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

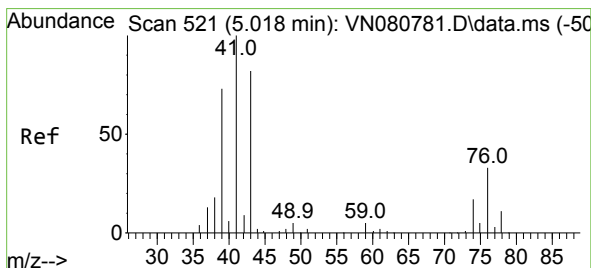
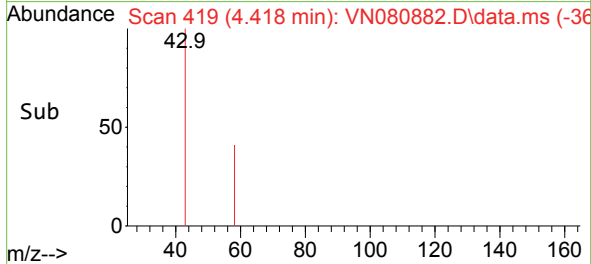
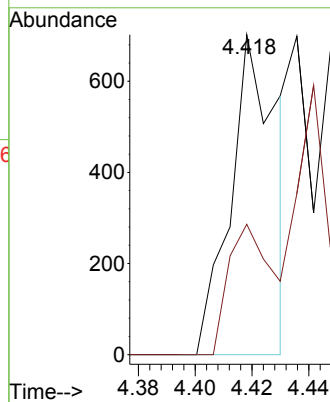
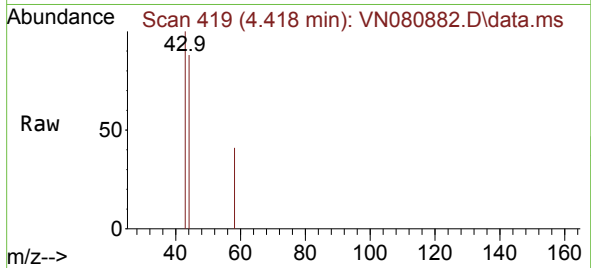




#16
Acetone
Concen: 1.661 ug/l
RT: 4.418 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

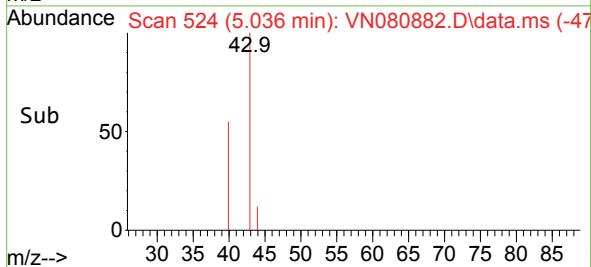
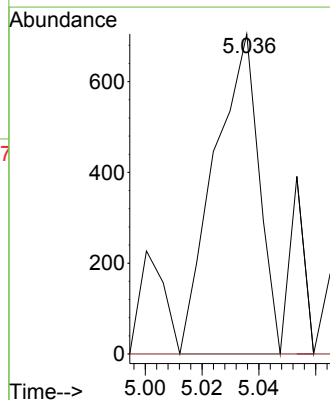
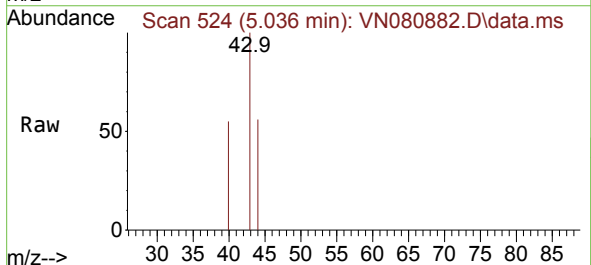
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

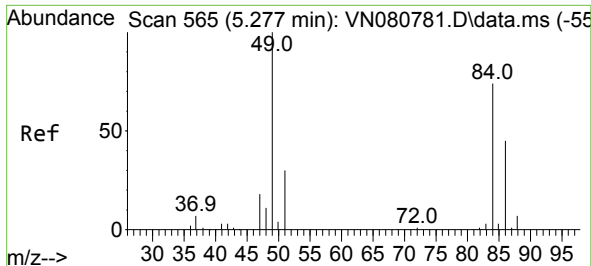
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 40.7 24.8 37.2#



#18
Methyl Acetate
Concen: 0.461 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#

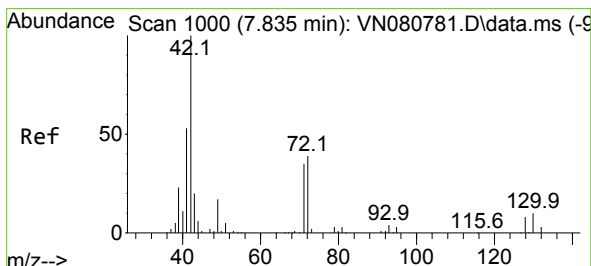
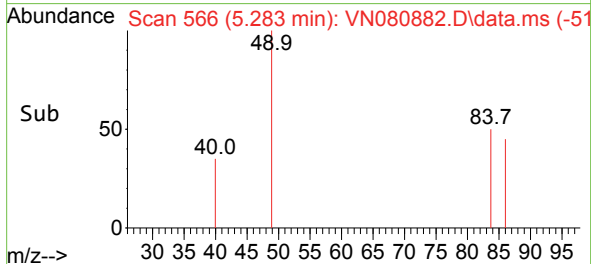
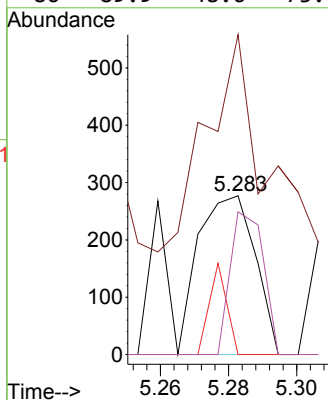
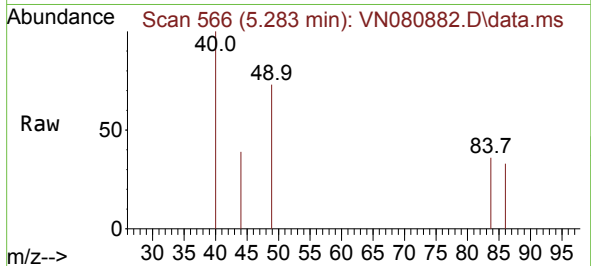




#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

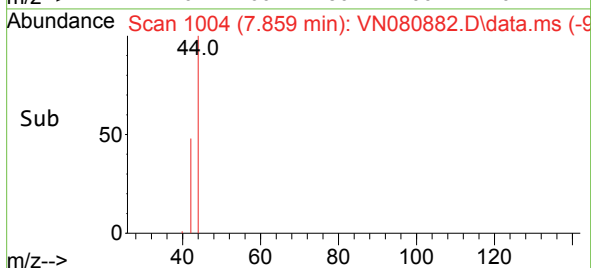
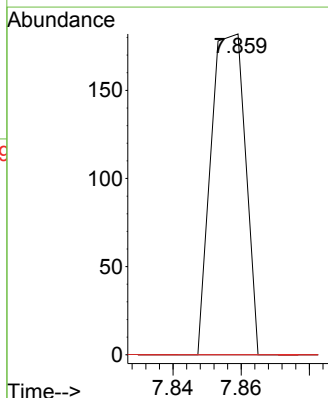
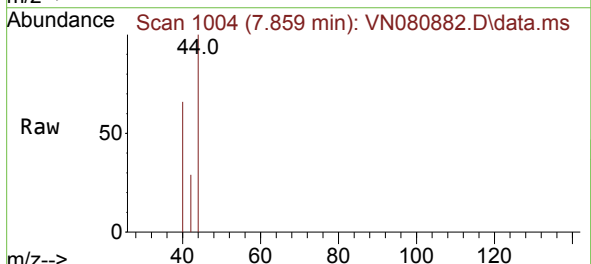
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

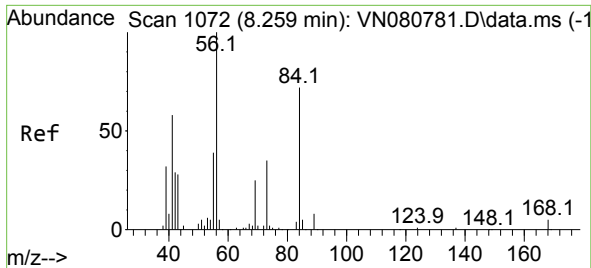
Tgt Ion:	84	Resp:	321
Ion	Ratio	Lower	Upper
84	100		
49	124.5	108.1	162.1
51	0.0	32.9	49.3#
86	89.9	48.6	73.0#



#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.024 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion:	42	Resp:	127
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.1	46.7#
71	0.0	28.3	42.5#

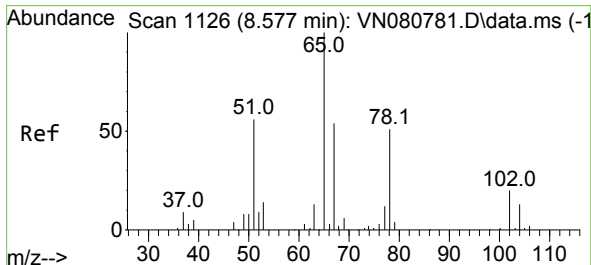
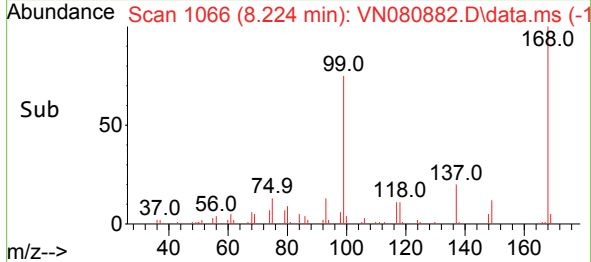
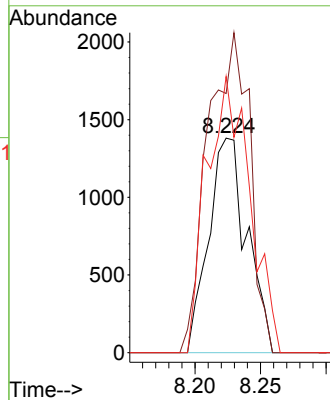
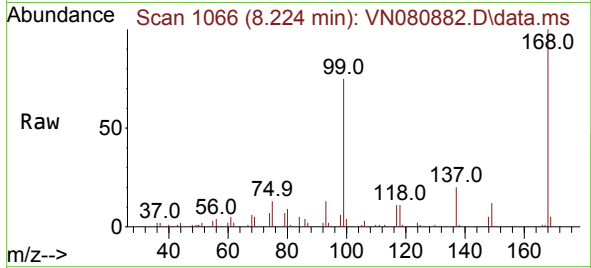




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

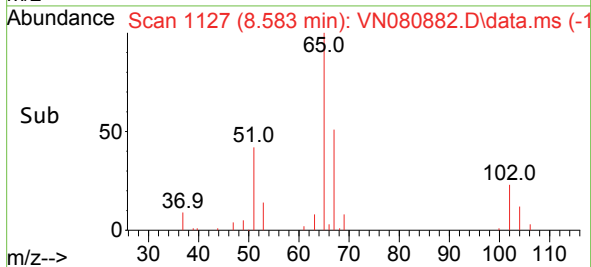
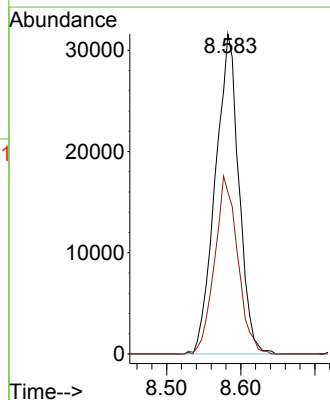
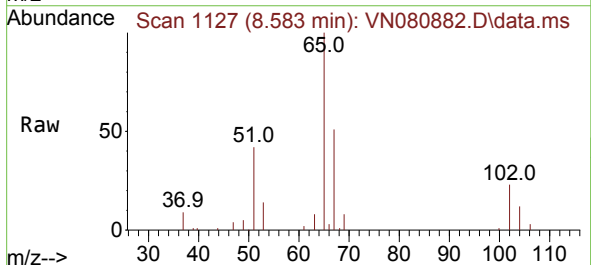
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

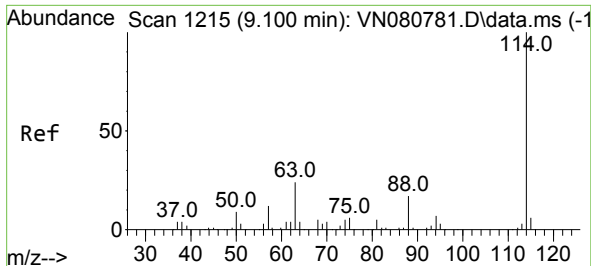
Tgt Ion: 56 Resp: 2805
Ion Ratio Lower Upper
56 100
69 120.9 20.1 30.1#
84 128.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 52.775 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion: 65 Resp: 69757
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.4

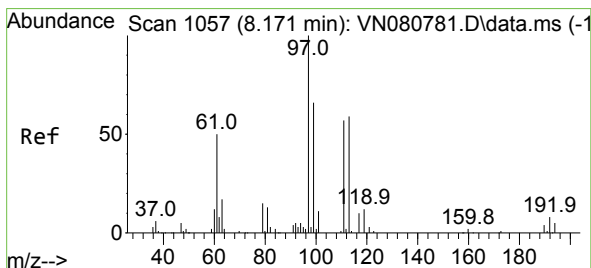
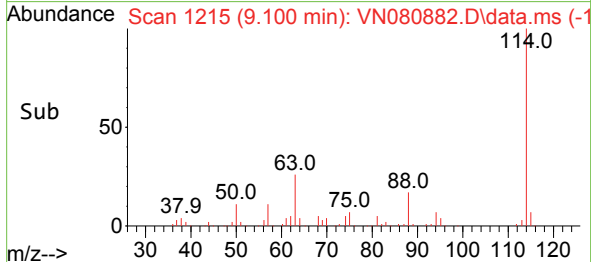
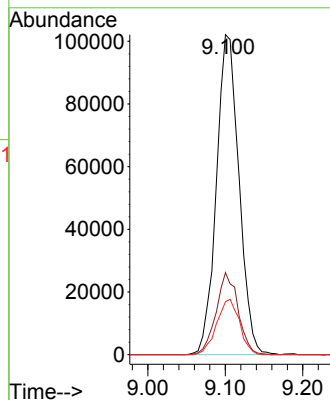
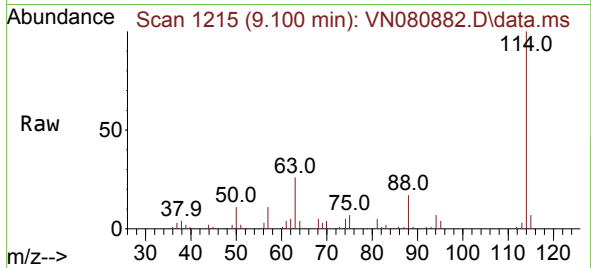




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

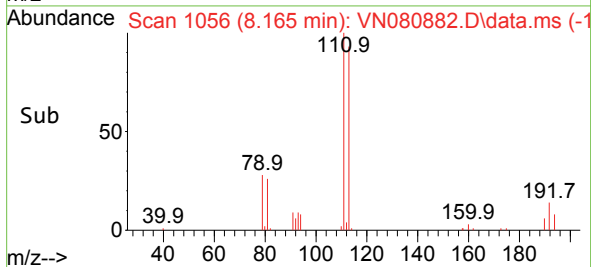
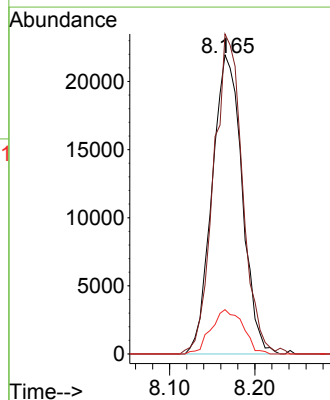
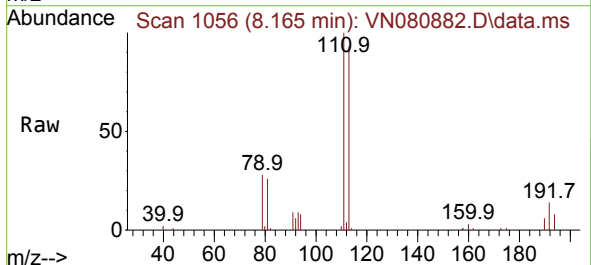
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

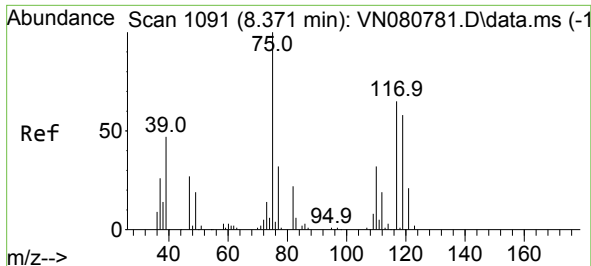
Tgt Ion:114 Resp: 207035
Ion Ratio Lower Upper
114 100
63 25.7 0.0 48.0
88 16.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 42.410 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion:113 Resp: 53718
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 15.8 12.5 18.7





#36

1,1-Dichloropropene

Concen: 3.681 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN080882.D

Acq: 02 Feb 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

FB-20240201

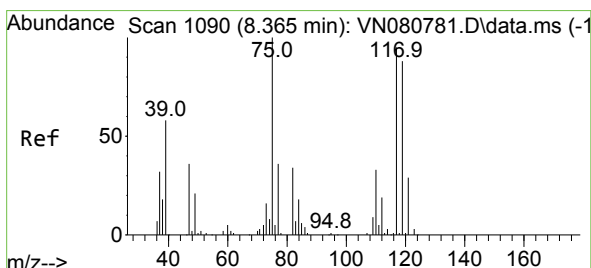
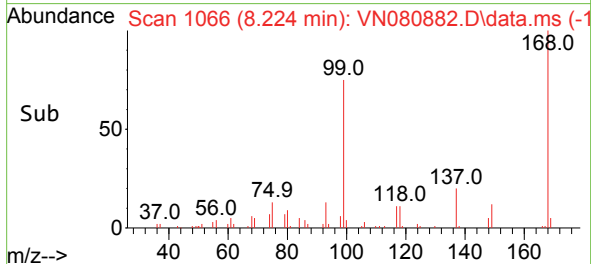
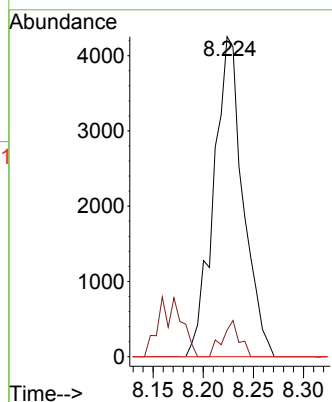
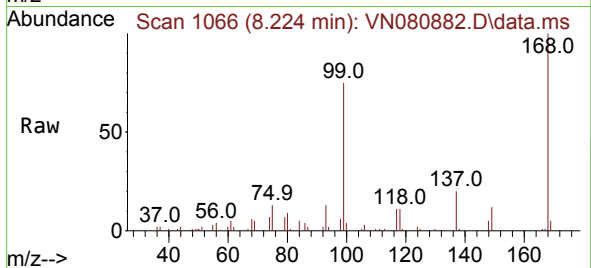
Tgt Ion: 75 Resp: 8666

Ion Ratio Lower Upper

75 100

110 6.6 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 4.658 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080882.D

Acq: 02 Feb 2024 18:39

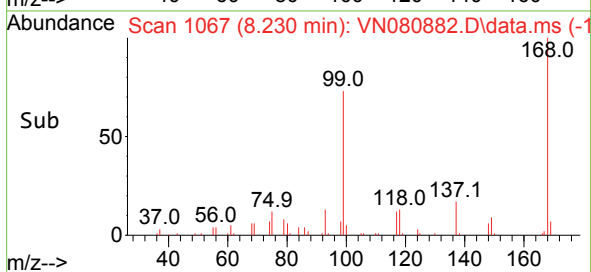
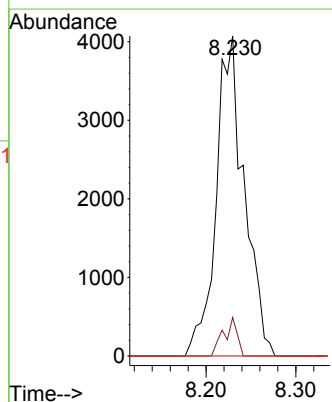
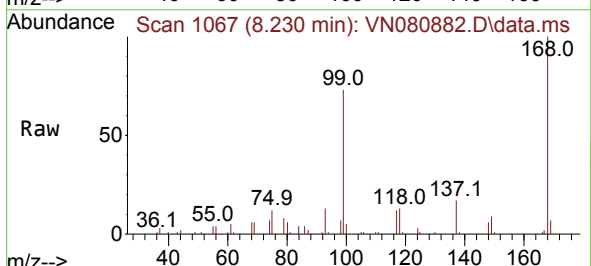
Tgt Ion: 117 Resp: 8835

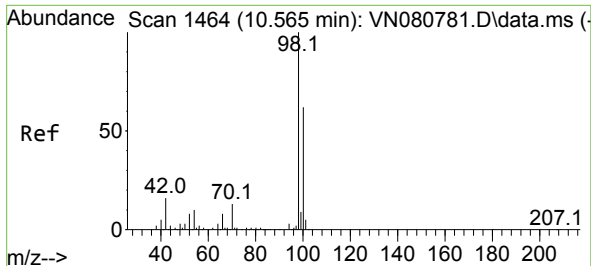
Ion Ratio Lower Upper

117 100

119 12.0 73.4 110.2#

121 0.0 24.4 36.6#

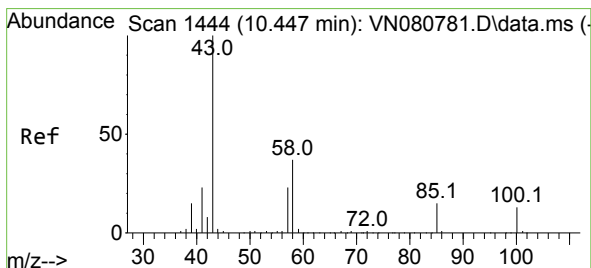
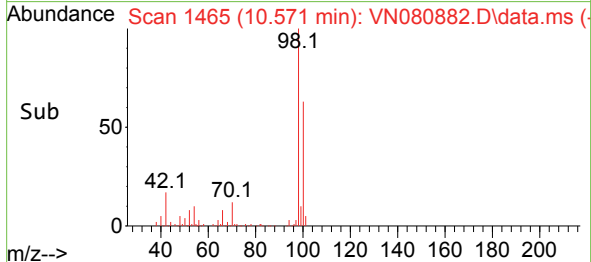
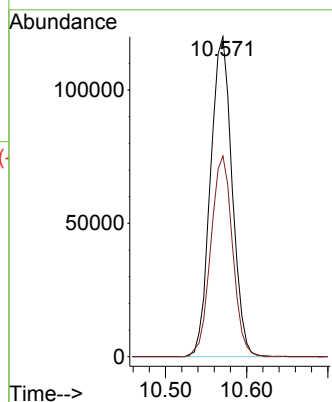
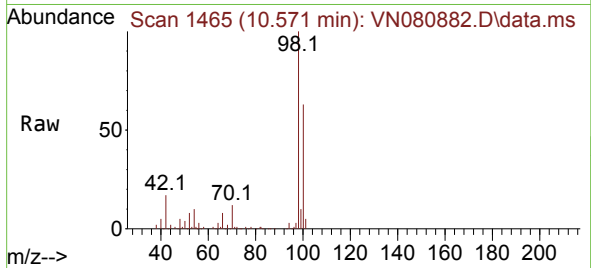




#50
Toluene-d8
Concen: 44.710 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

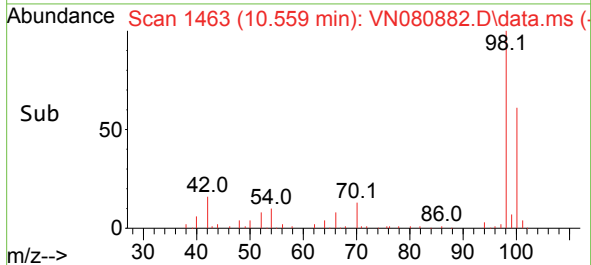
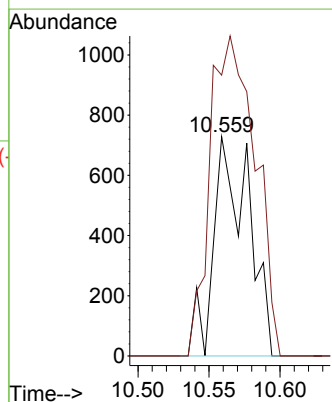
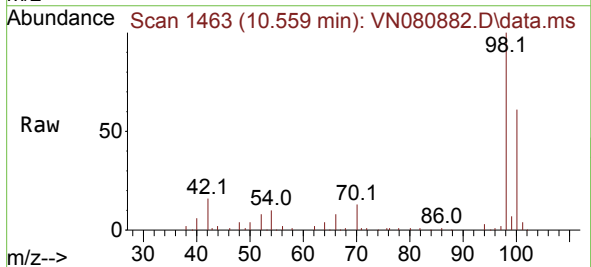
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

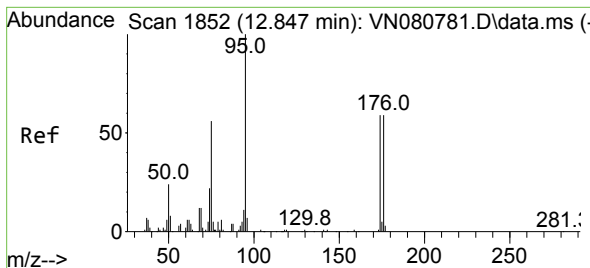
Tgt Ion: 98 Resp: 221653
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
58 188.3 29.4 44.0#

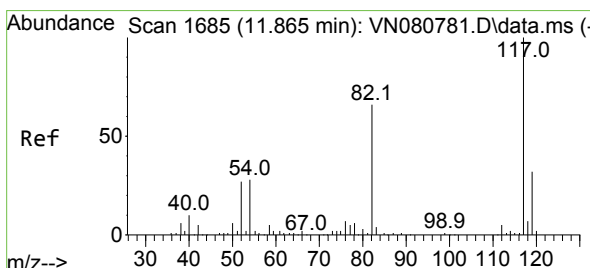
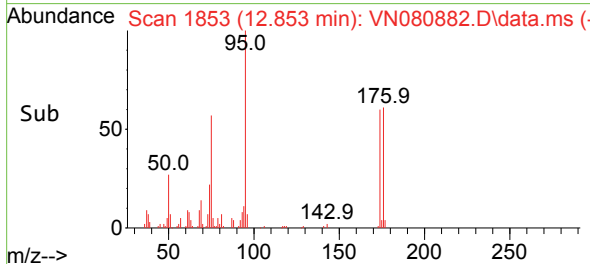
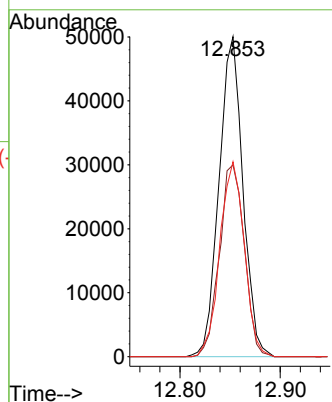
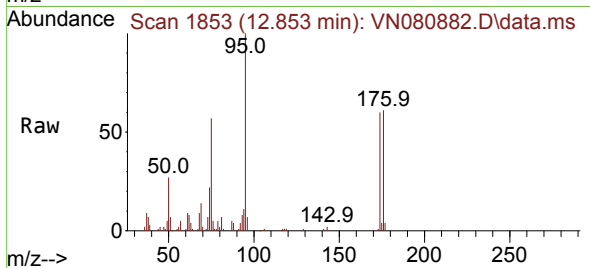




#62
4-Bromofluorobenzene
Concen: 47.697 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

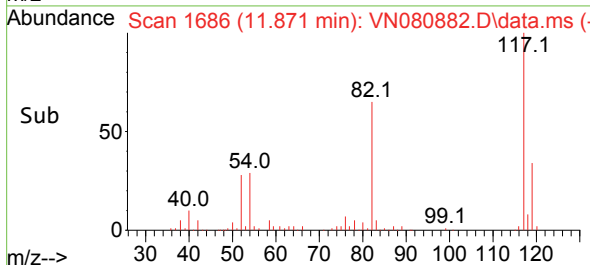
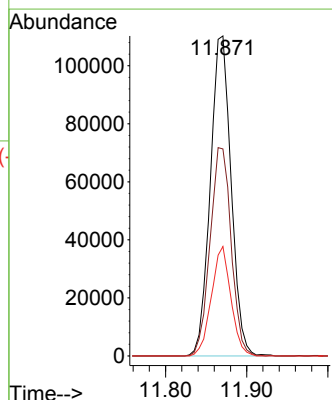
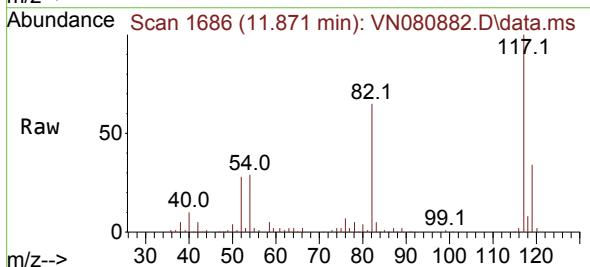
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

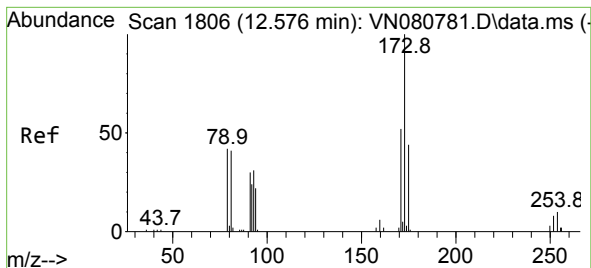
Tgt Ion: 95 Resp: 82400
Ion Ratio Lower Upper
95 100
174 62.5 0.0 120.4
176 62.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion: 117 Resp: 196298
Ion Ratio Lower Upper
117 100
82 64.7 52.7 79.1
119 34.2 25.3 37.9





#71

Bromoform

Concen: 0.374 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN080882.D

Acq: 02 Feb 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

FB-20240201

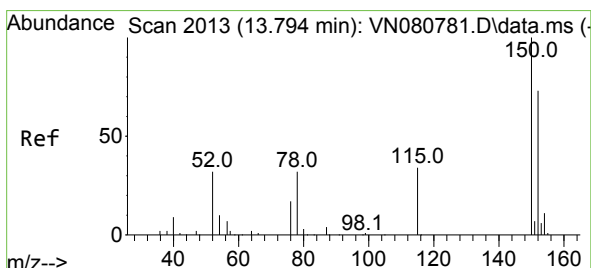
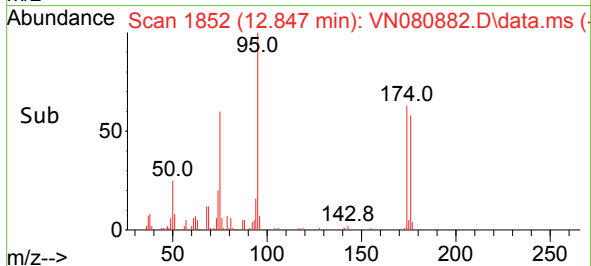
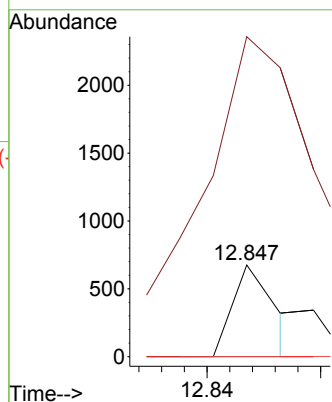
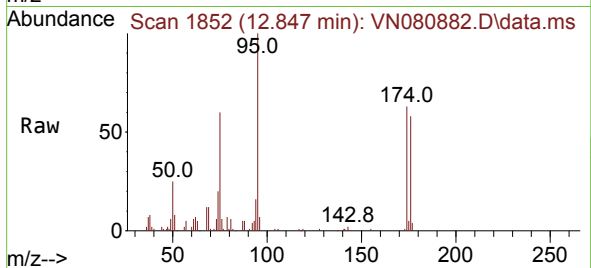
Tgt Ion:173 Resp: 352

Ion Ratio Lower Upper

173 100

175 717.0 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: VN080882.D

Acq: 02 Feb 2024 18:39

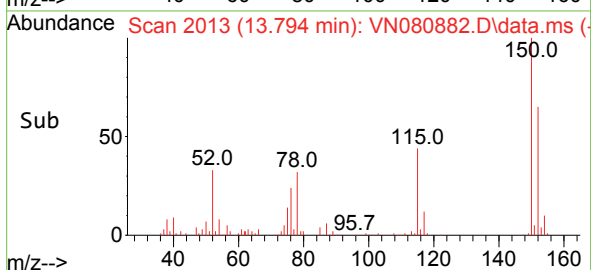
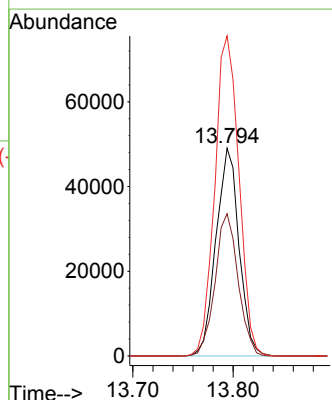
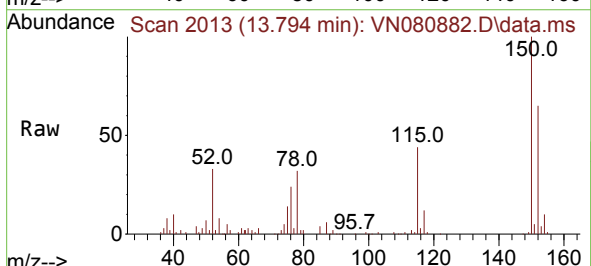
Tgt Ion:152 Resp: 78246

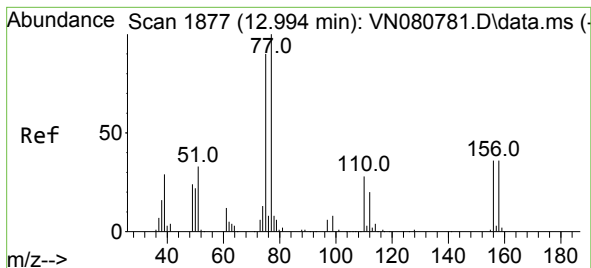
Ion Ratio Lower Upper

152 100

115 68.5 32.3 96.8

150 161.3 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 21.310 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080882.D

Acq: 02 Feb 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

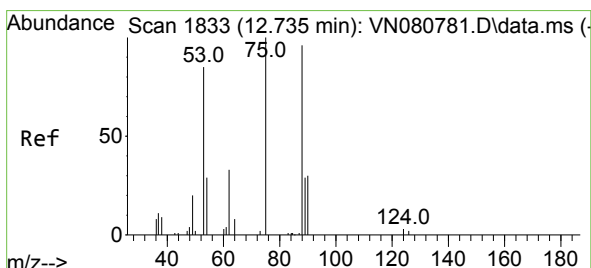
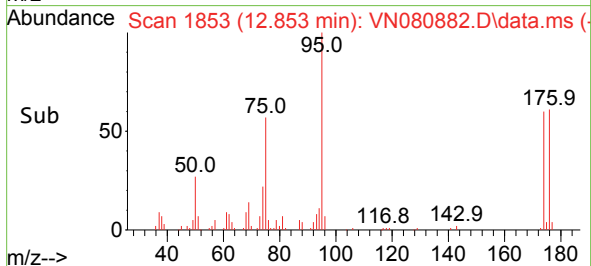
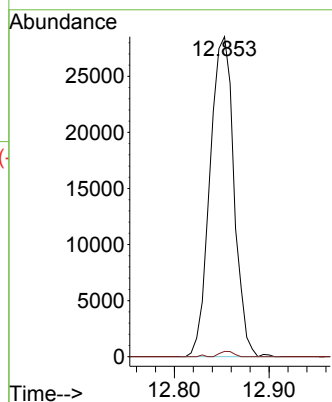
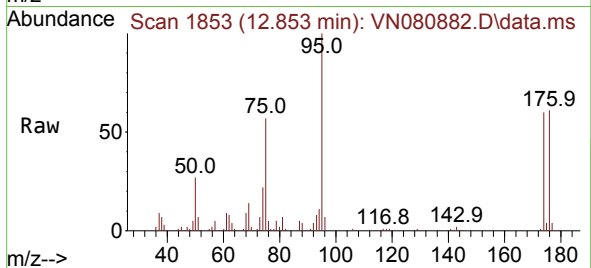
FB-20240201

Tgt Ion: 75 Resp: 50289

Ion Ratio Lower Upper

75 100

77 1.0 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.898 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN080882.D

Acq: 02 Feb 2024 18:39

Tgt Ion: 75 Resp: 50289

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.2 33.4 50.0#

