

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076173.D
 Acq On : 10 Jan 2023 10:30
 Operator : JC\MD
 Sample : VN0110MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:01:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	320888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	449790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	173988	49.840	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.680%
35) Dibromofluoromethane	8.171	113	155268	48.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	10.571	98	594081	50.001	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	185580	47.159	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.320%

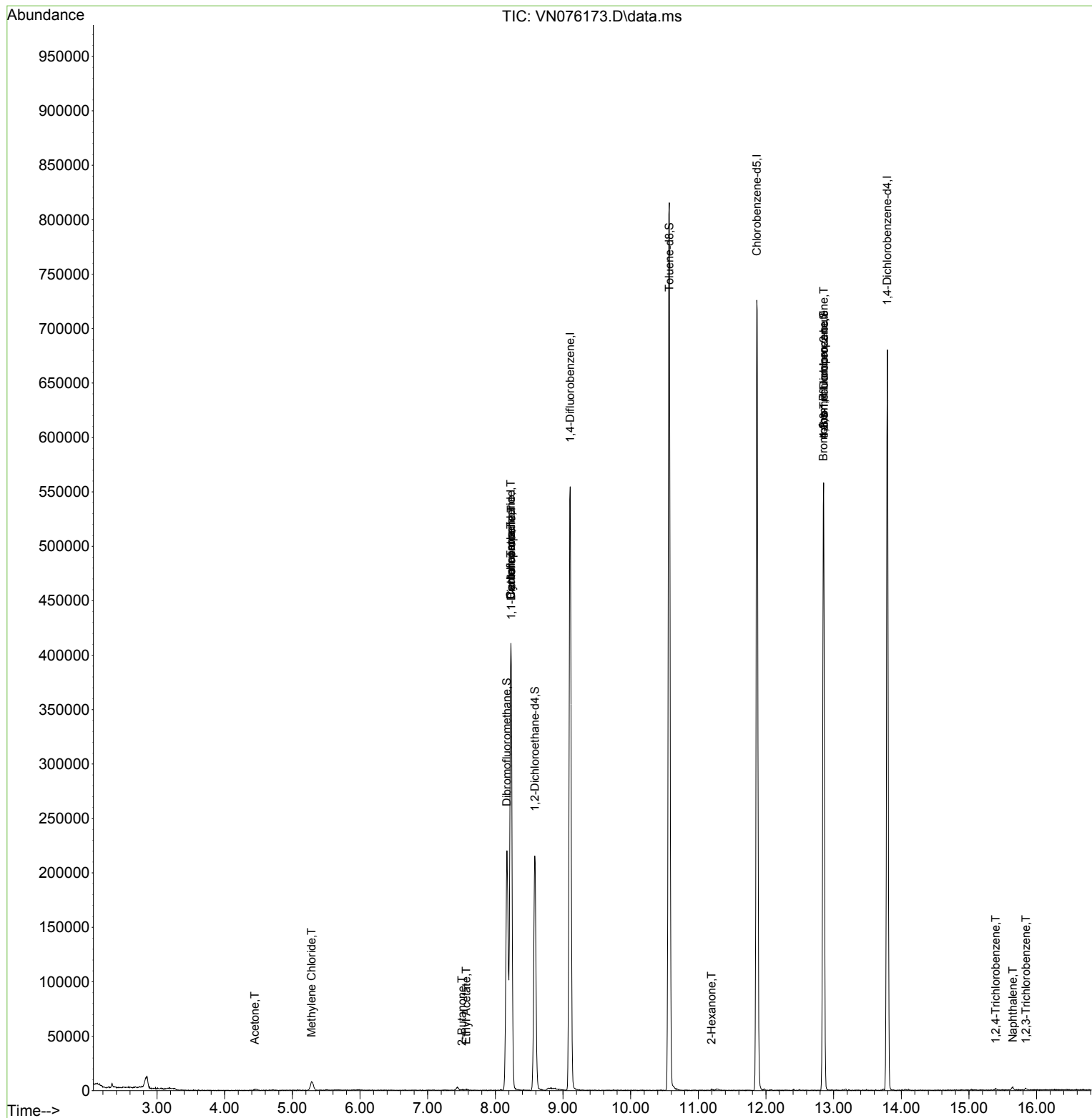
Target Compounds					Qvalue	
16) Acetone	4.448	43	2341	1.945	ug/l #	73
20) Methylene Chloride	5.283	84	7040	1.567	ug/l	90
25) 2-Butanone	7.506	43	1262	0.749	ug/l #	86
31) Cyclohexane	8.230	56	6012	1.202	ug/l #	12
36) 1,1-Dichloropropene	8.236	75	23193	5.494	ug/l #	49
37) Ethyl Acetate	7.571	43	1555	0.459	ug/l #	70
38) Carbon Tetrachloride	8.230	117	31834	6.738	ug/l #	16
59) 2-Hexanone	11.194	43	933	0.378	ug/l	67
71) Bromoform	12.847	173	1697	0.682	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	96194	24.770	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	96194	89.159	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	813	0.256	ug/l #	84
95) Naphthalene	15.647	128	3330	2.481	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.841	180	791	0.267	ug/l #	81

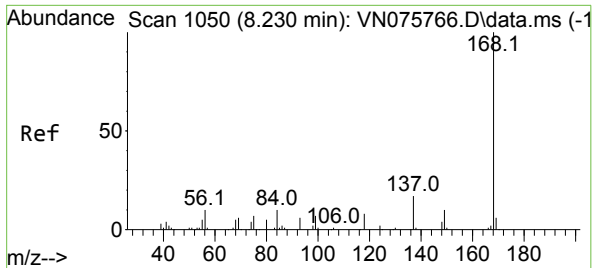
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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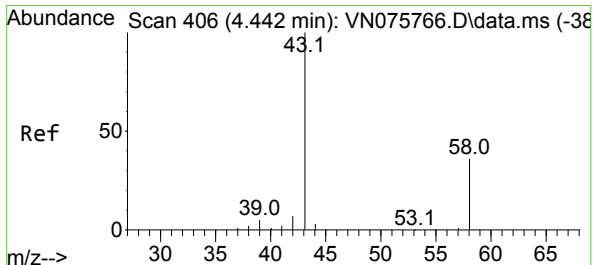
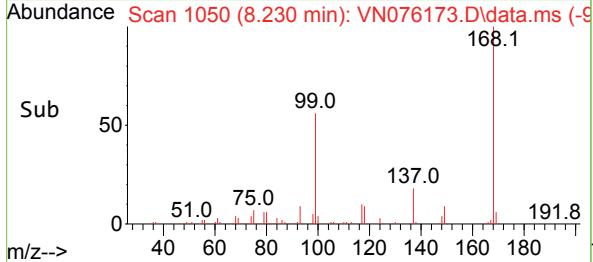
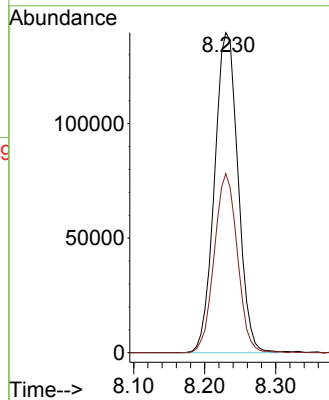
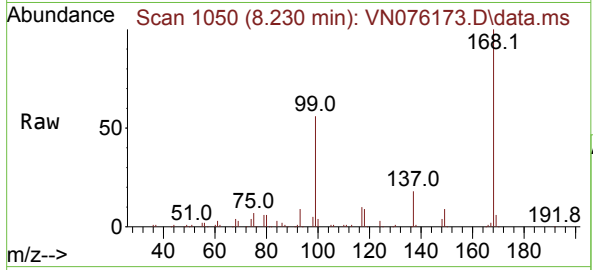




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

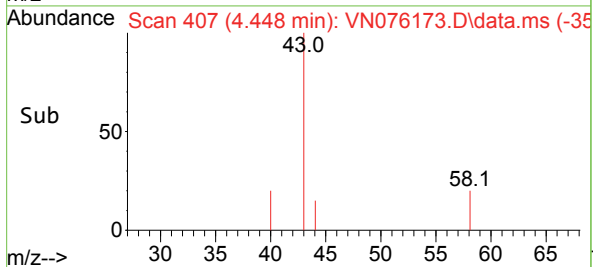
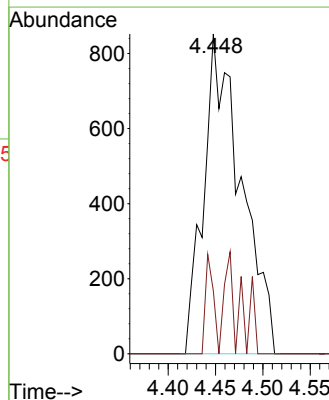
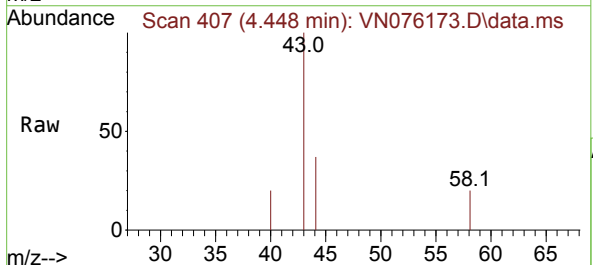
Instrument :
MSVOA_N
ClientSampleId :

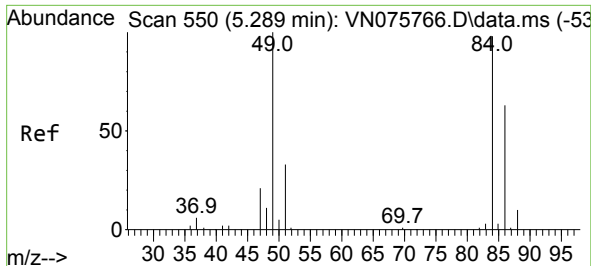
Tgt Ion:168 Resp: 320888
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#16
Acetone
Concen: 1.945 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

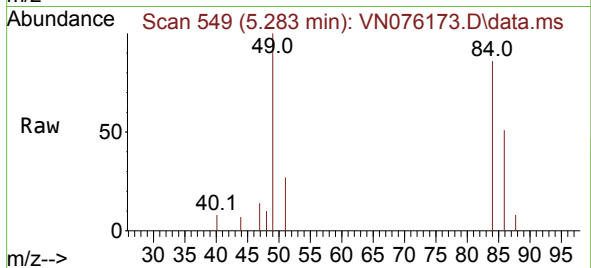
Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
58 19.7 28.6 43.0#



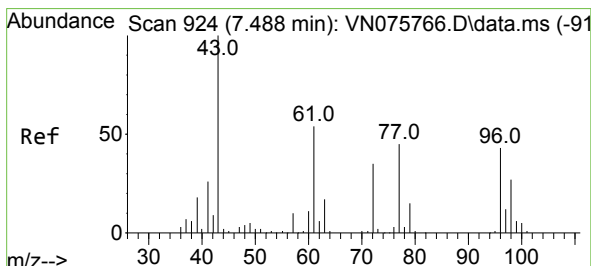
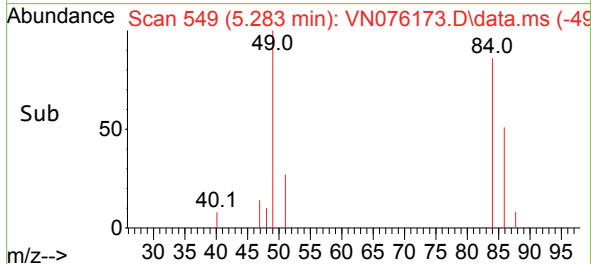
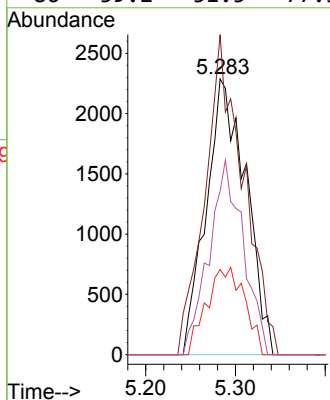


#20
Methylene Chloride
Concen: 1.567 ug/l
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :

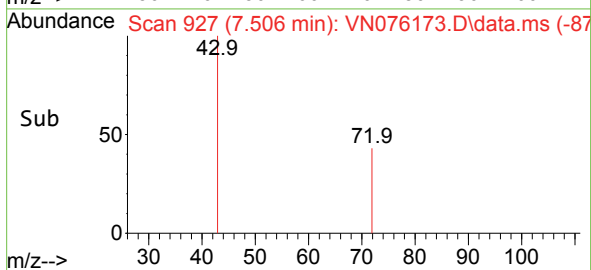
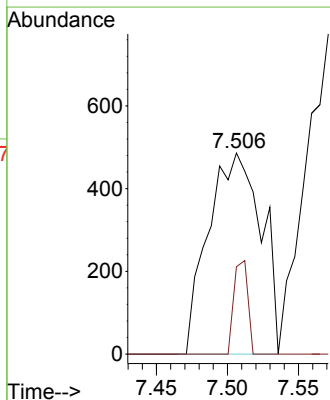
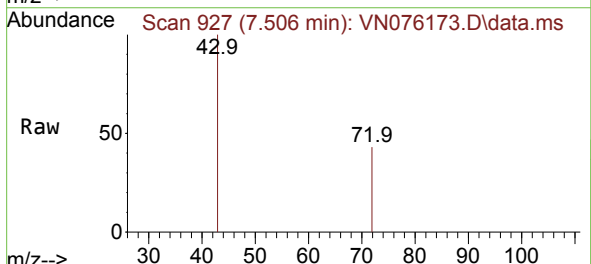


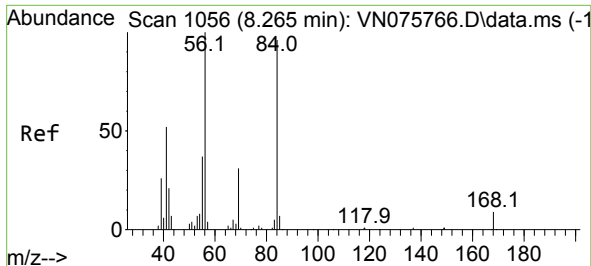
Tgt Ion: 84	Resp:	7040	
Ion	Ratio	Lower	Upper
84	100		
49	116.0	81.8	122.6
51	30.8	26.7	40.1
86	59.2	51.5	77.3



#25
2-Butanone
Concen: 0.749 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

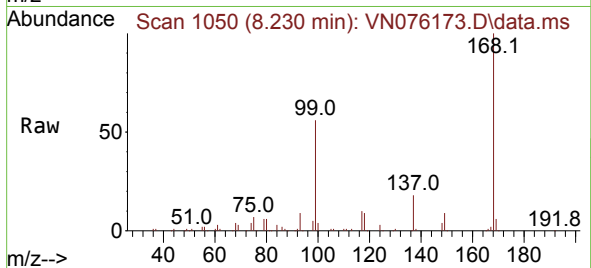
Tgt Ion: 43	Resp:	1262	
Ion Ratio	Lower	Upper	
43	100		
72	43.4	28.0	42.0#



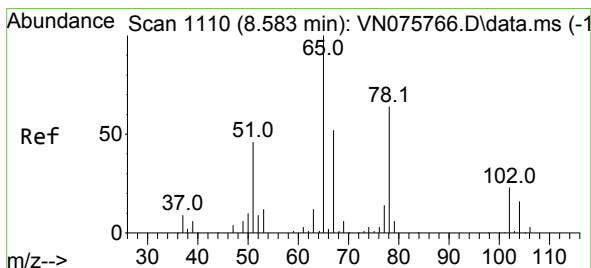
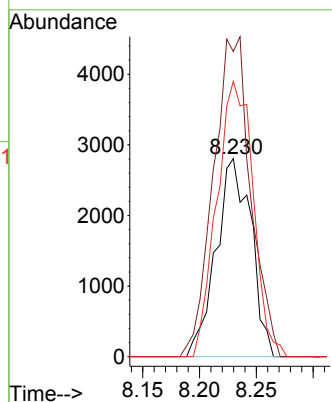
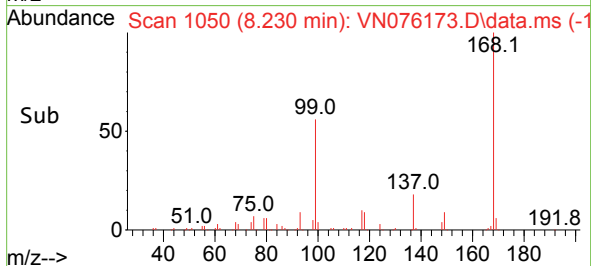


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :

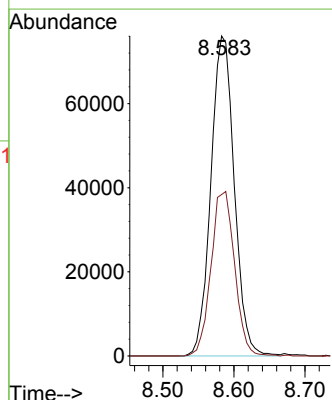
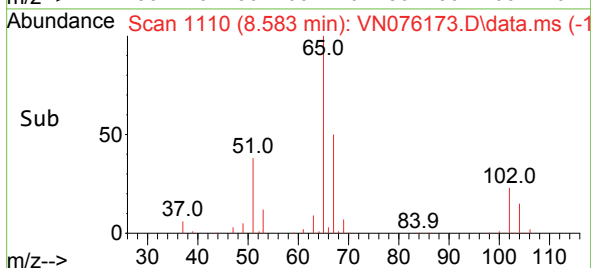
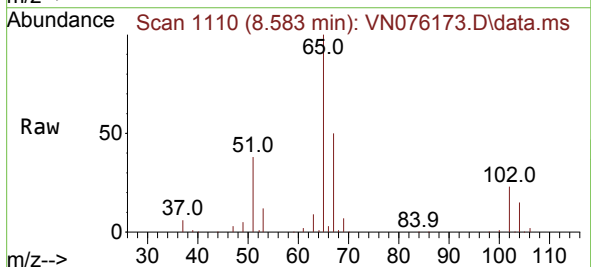


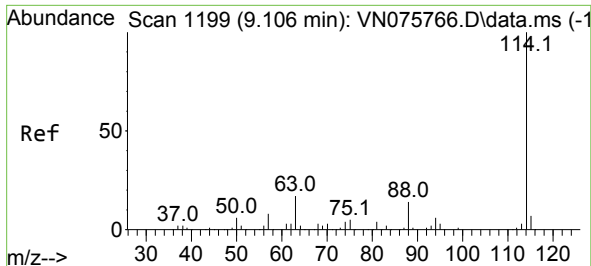
Tgt Ion: 56 Resp: 6012
Ion Ratio Lower Upper
56 100
69 154.0 24.7 37.1#
84 139.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 49.840 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

Tgt Ion: 65 Resp: 173988
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076173.D

Acq: 10 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

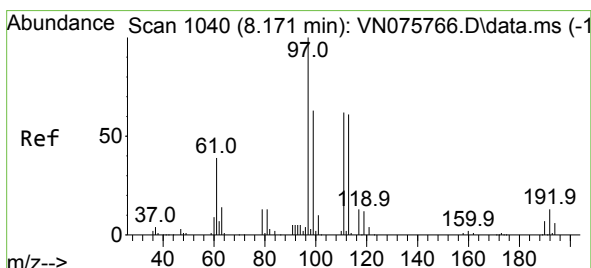
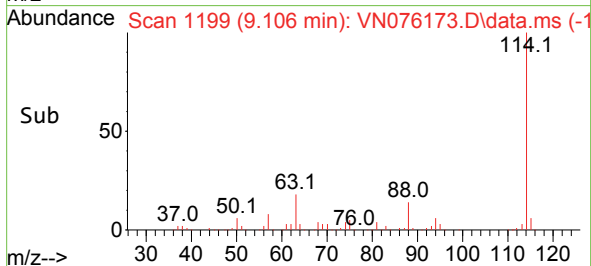
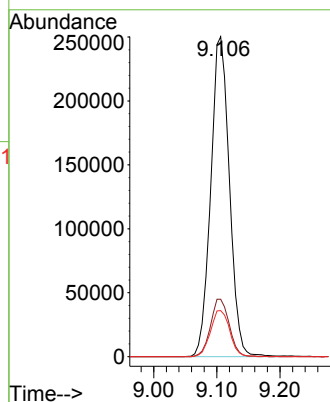
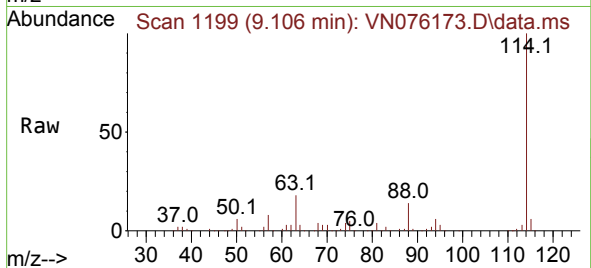
Tgt Ion:114 Resp: 513133

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.861 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076173.D

Acq: 10 Jan 2023 10:30

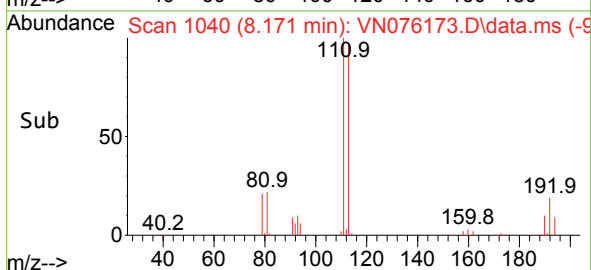
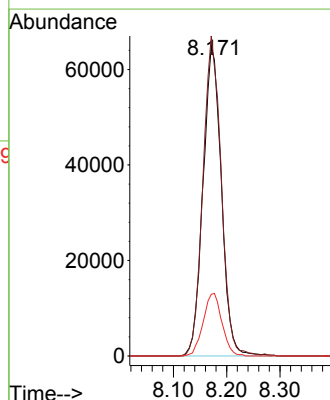
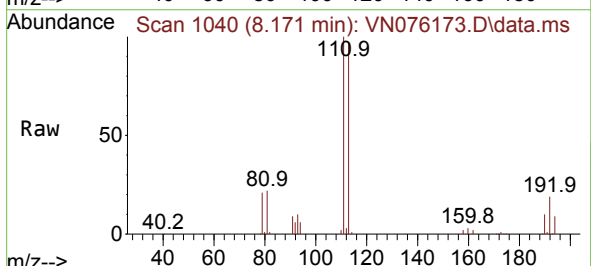
Tgt Ion:113 Resp: 155268

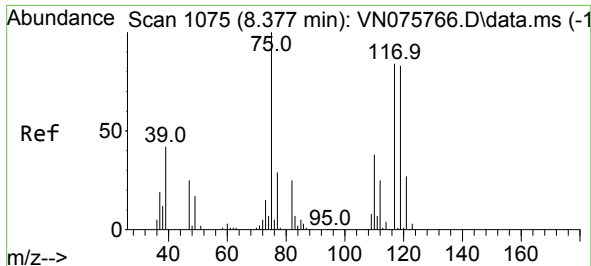
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 20.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.494 ug/l

RT: 8.236 min Scan# 1

Delta R.T. -0.141 min

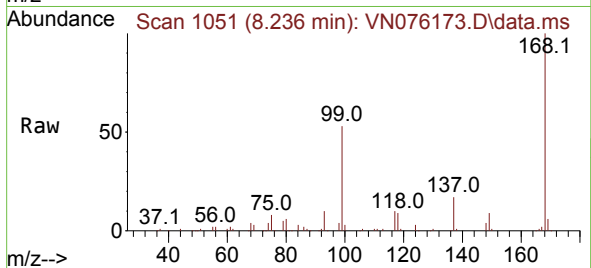
Lab File: VN076173.D

Acq: 10 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :



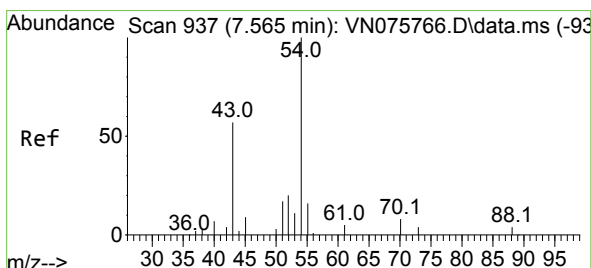
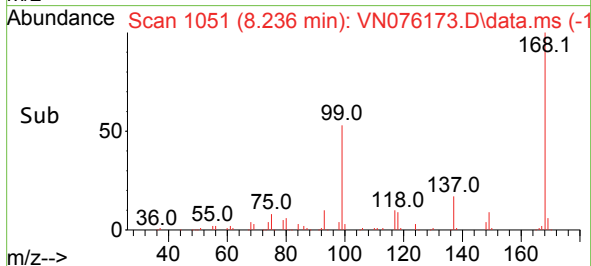
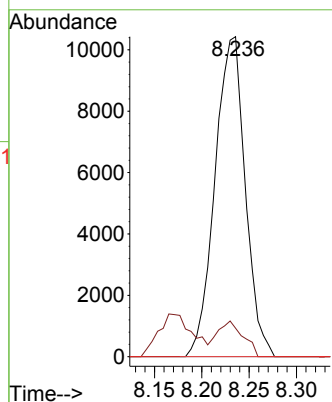
Tgt Ion: 75 Resp: 23193

Ion Ratio Lower Upper

75 100

110 9.6 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 0.459 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076173.D

Acq: 10 Jan 2023 10:30

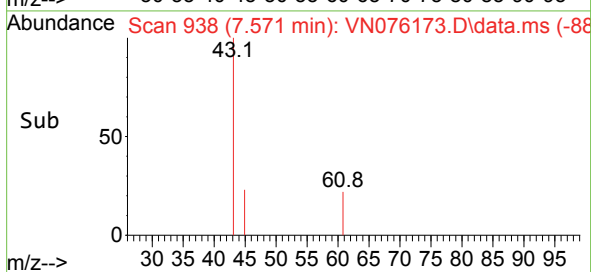
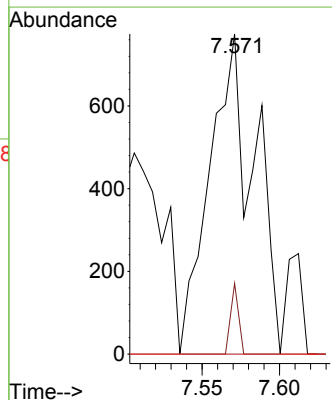
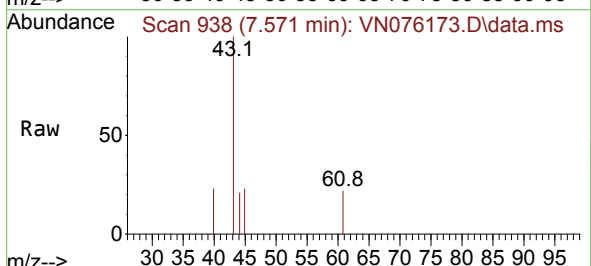
Tgt Ion: 43 Resp: 1555

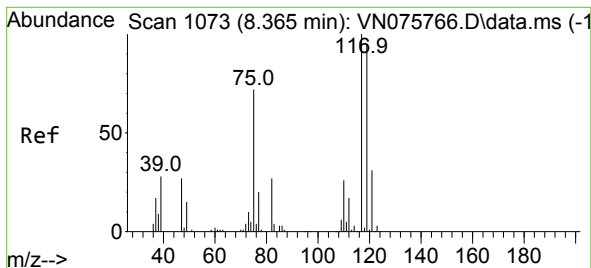
Ion Ratio Lower Upper

43 100

61 3.9 13.0 19.4#

70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 6.738 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

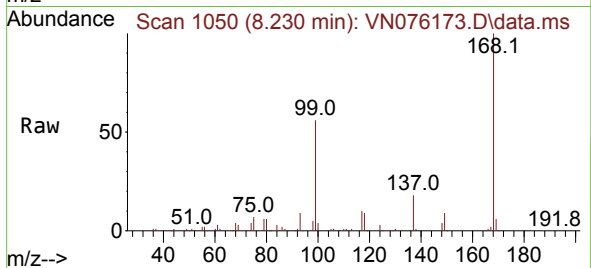
Lab File: VN076173.D

Acq: 10 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :



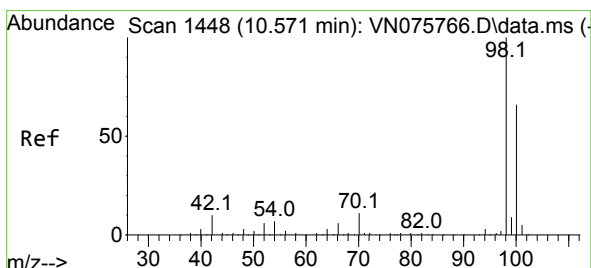
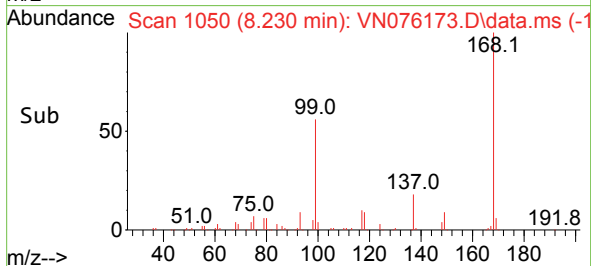
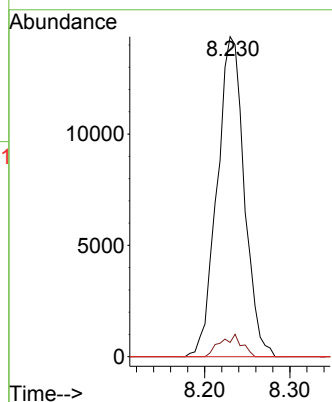
Tgt Ion:117 Resp: 31834

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 50.001 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076173.D

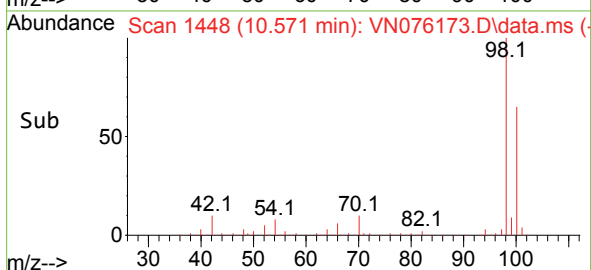
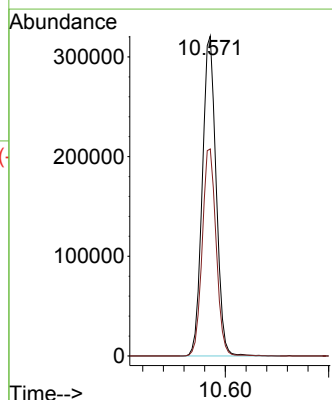
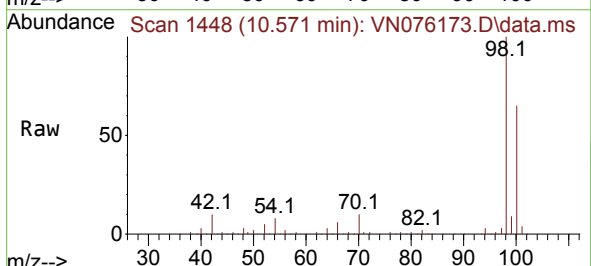
Acq: 10 Jan 2023 10:30

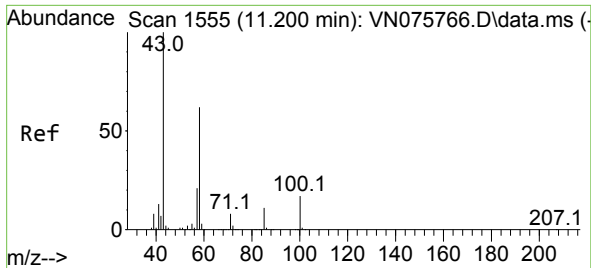
Tgt Ion: 98 Resp: 594081

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

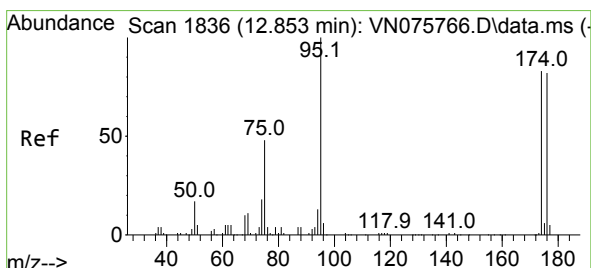
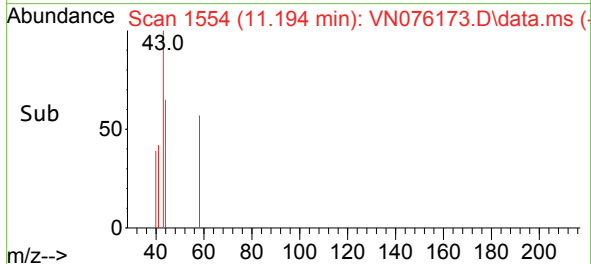
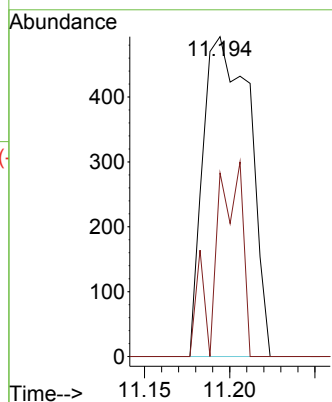
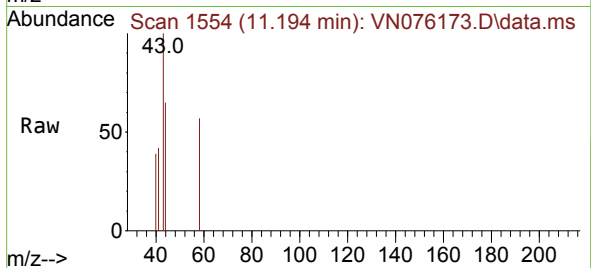




#59
2-Hexanone
Concen: 0.378 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

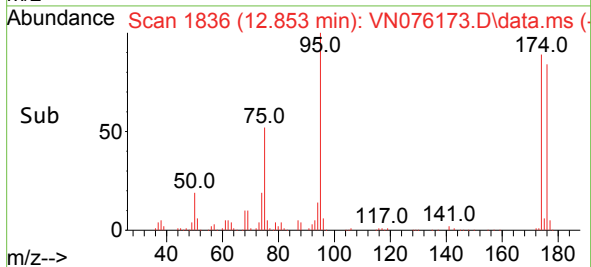
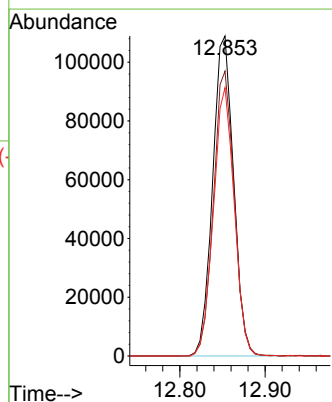
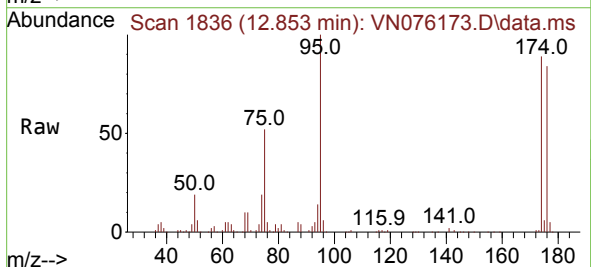
Instrument :
MSVOA_N
ClientSampleId :

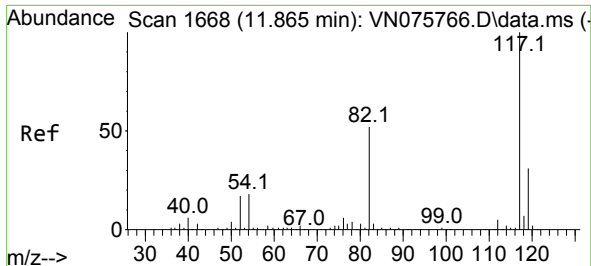
Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
58 36.0 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 47.159 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

Tgt Ion: 95 Resp: 185580
Ion Ratio Lower Upper
95 100
174 88.6 0.0 171.6
176 83.4 0.0 169.2

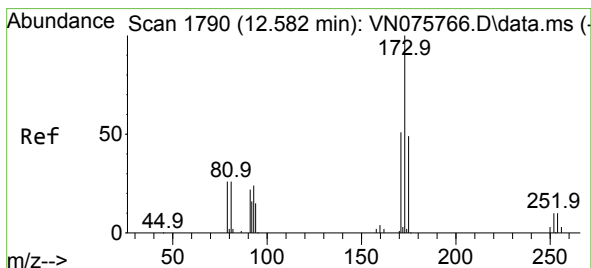
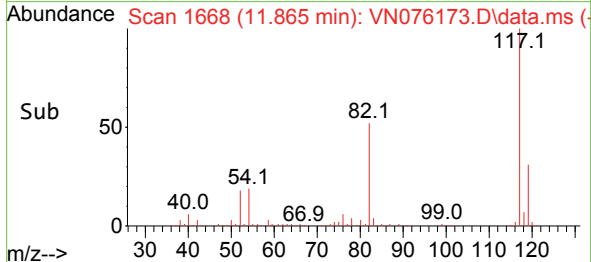
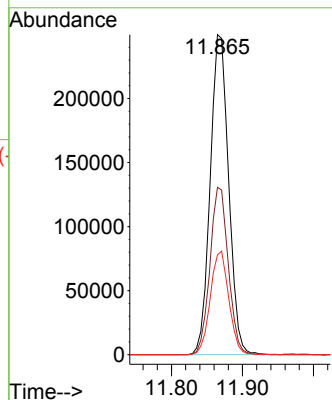
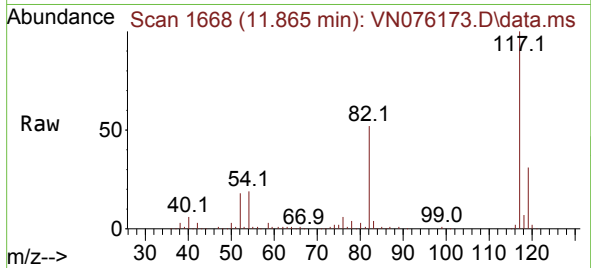




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

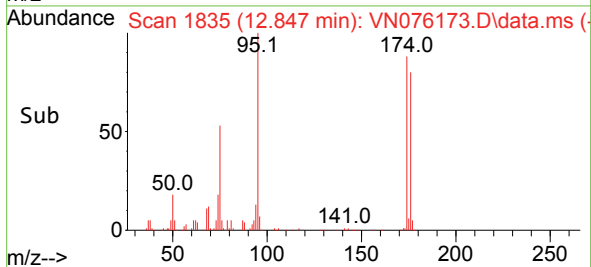
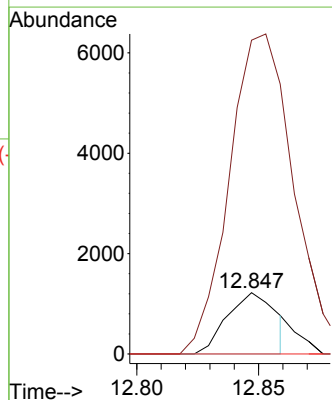
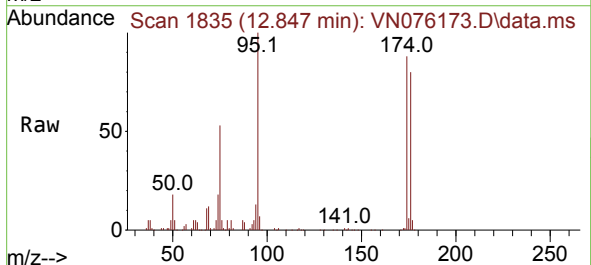
Instrument :
MSVOA_N
ClientSampleId :

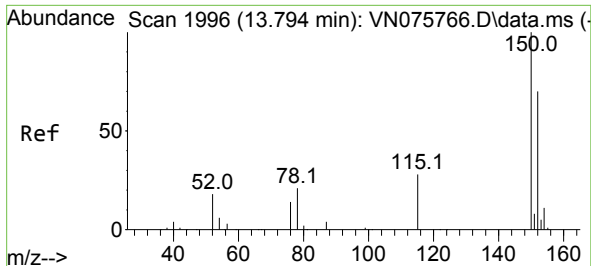
Tgt Ion:117 Resp: 449790
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 31.2 24.6 37.0



#71
Bromoform
Concen: 0.682 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

Tgt Ion:173 Resp: 1697
Ion Ratio Lower Upper
173 100
175 557.2 24.3 72.8#
254 0.0 0.0 0.0

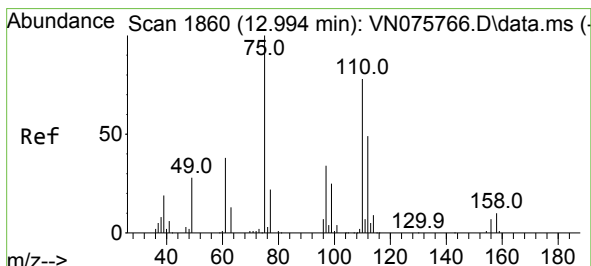
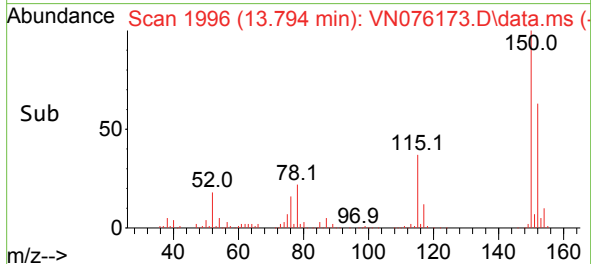
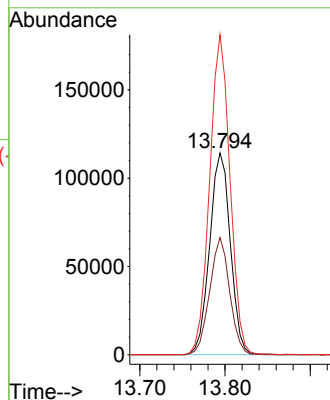
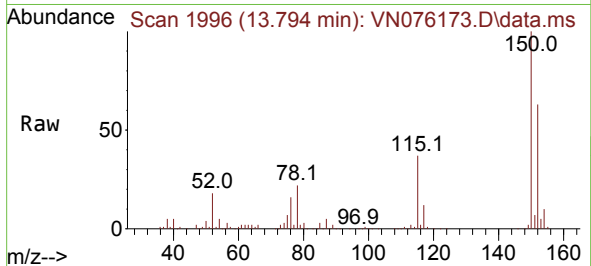




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076173.D
 Acq: 10 Jan 2023 10:30

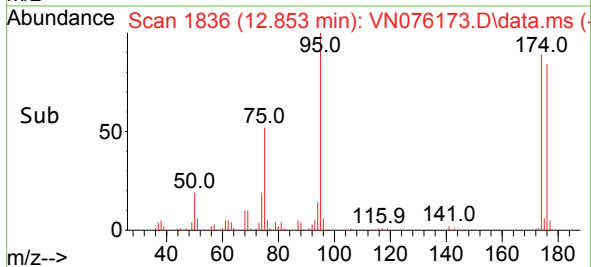
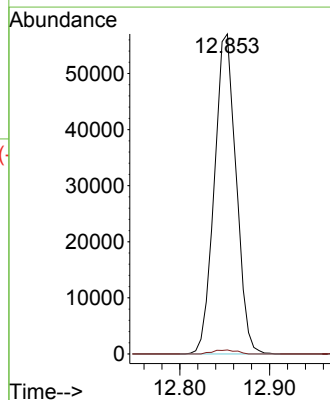
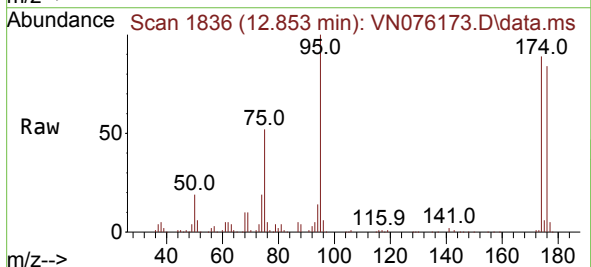
Instrument :
 MSVOA_N
 ClientSampleId :

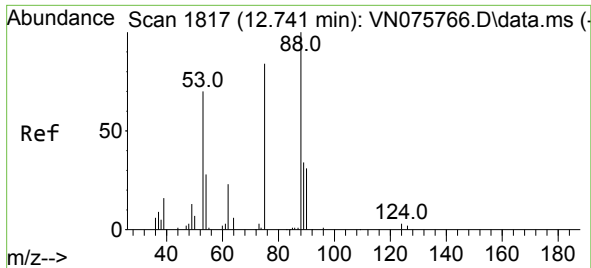
Tgt Ion:152 Resp: 192657
 Ion Ratio Lower Upper
 152 100
 115 56.2 29.1 87.4
 150 155.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 24.770 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076173.D
 Acq: 10 Jan 2023 10:30

Tgt Ion: 75 Resp: 96194
 Ion Ratio Lower Upper
 75 100
 77 1.4 82.6 247.8#

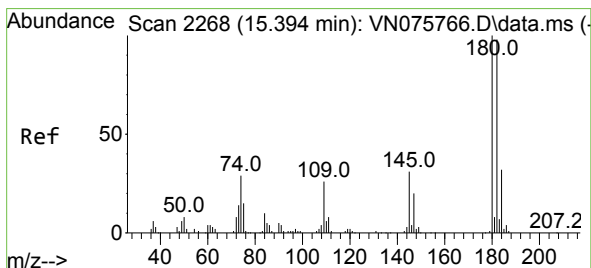
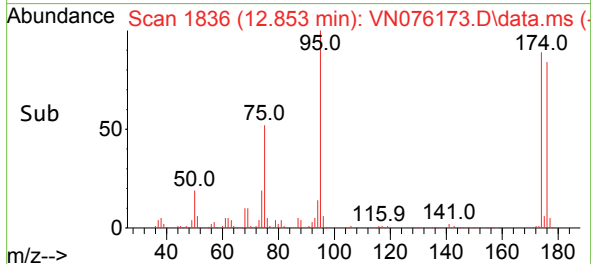
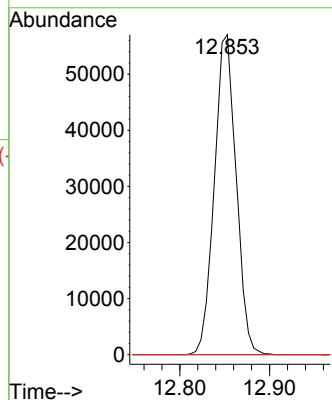
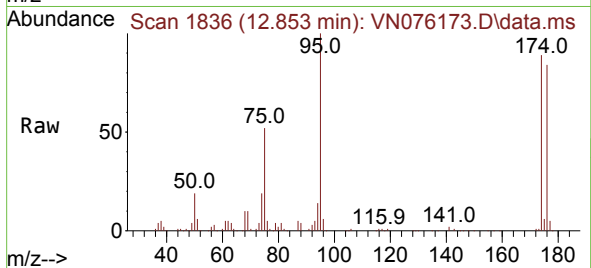




#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.159 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.112 min
 Lab File: VN076173.D
 Acq: 10 Jan 2023 10:30

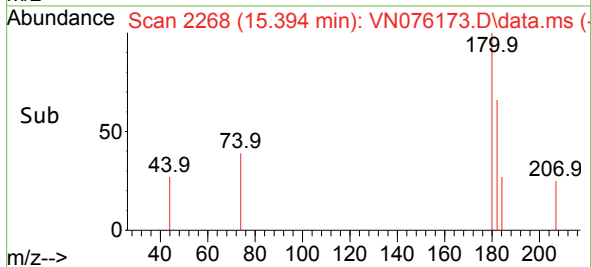
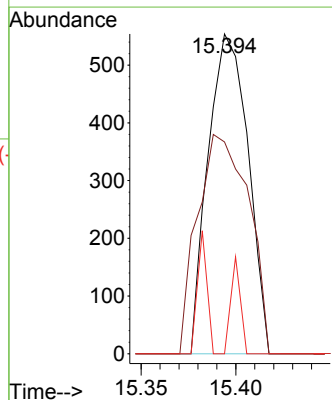
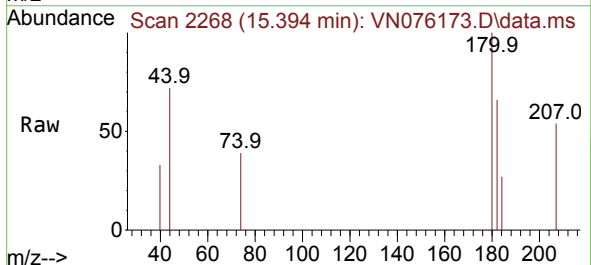
Instrument :
 MSVOA_N
 ClientSampleId :

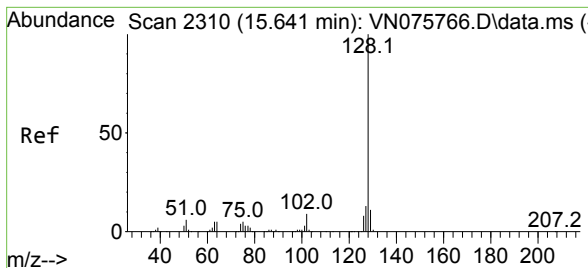
Tgt Ion: 75 Resp: 96194
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.0 39.5 59.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.256 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: VN076173.D
 Acq: 10 Jan 2023 10:30

Tgt Ion:180 Resp: 813
 Ion Ratio Lower Upper
 180 100
 182 87.7 47.5 142.5
 145 7.3 15.3 45.8#

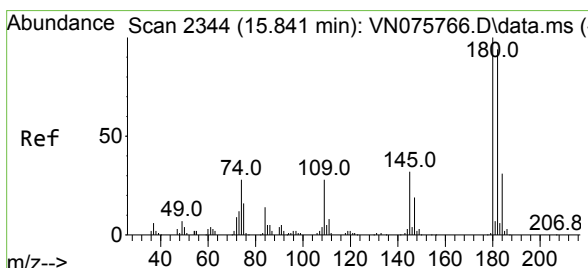
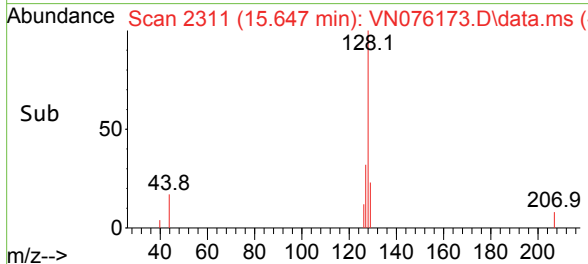
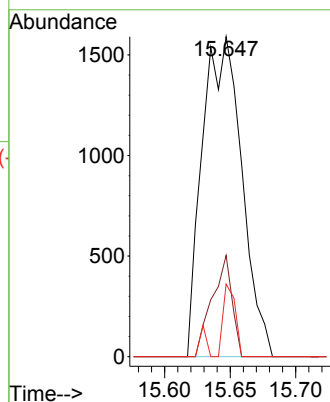
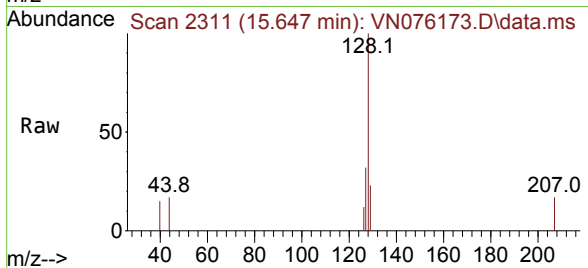




#95
Naphthalene
Concen: 2.481 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3330
Ion Ratio Lower Upper
128 100
127 16.0 10.4 15.6#
129 6.9 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.267 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076173.D
Acq: 10 Jan 2023 10:30

Tgt Ion:180 Resp: 791
Ion Ratio Lower Upper
180 100
182 104.9 47.0 141.0
145 8.3 16.0 47.9#

