

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076387.D
 Acq On : 24 Jan 2023 17:58
 Operator : JC\MD
 Sample : 01285-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2023-1-24

Quant Time: Jan 25 00:41:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

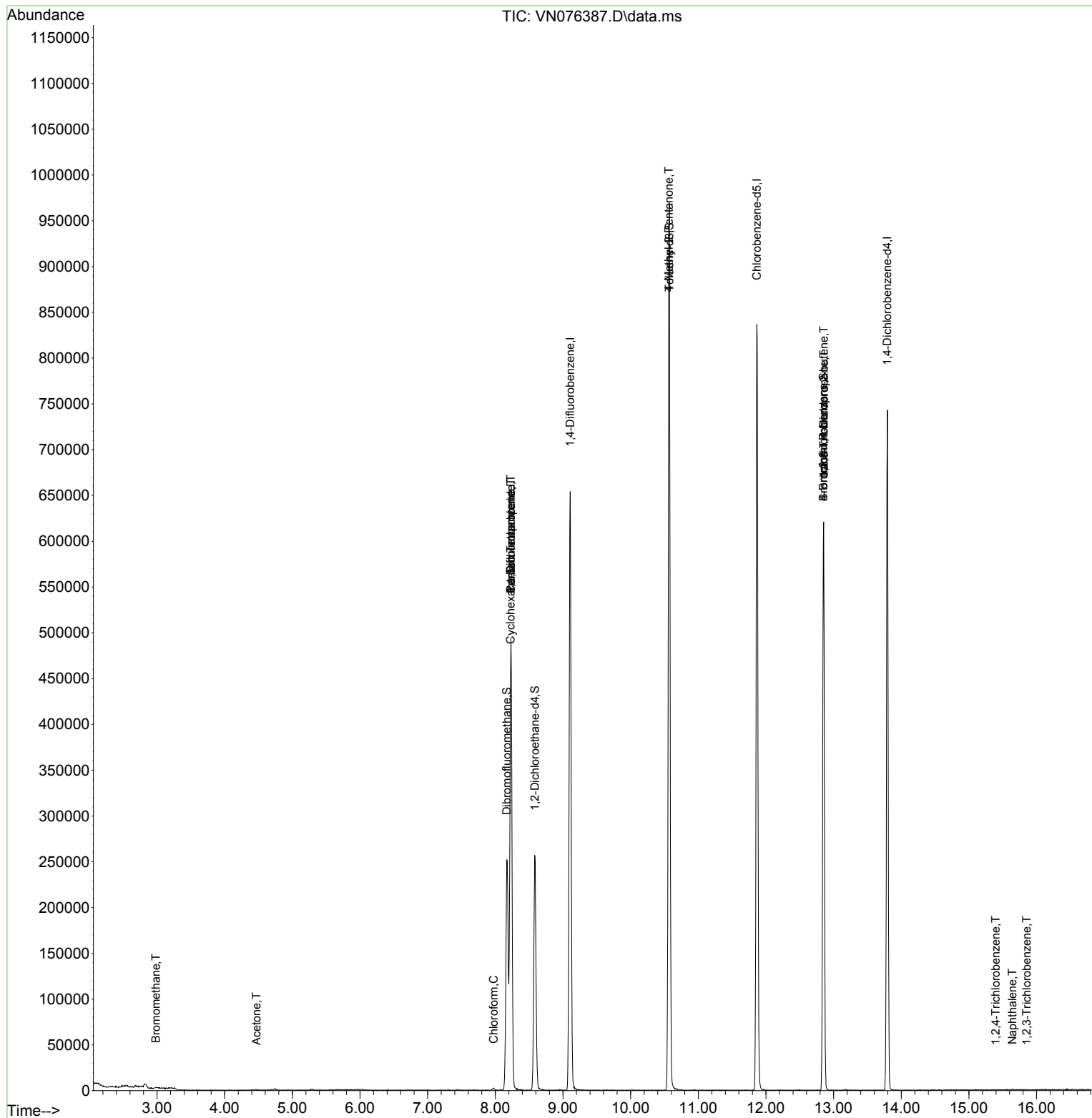
Internal Standards						
1) Pentafluorobenzene	8.230	168	364837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	509956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210447	51.517	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.040%	
35) Dibromofluoromethane	8.171	113	179205	48.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.280%	
50) Toluene-d8	10.571	98	680678	50.028	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.847	95	211422	47.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	797	0.205	ug/l	88
16) Acetone	4.471	43	958	0.658	ug/l #	41
20) Methylene Chloride	5.283	84	1067	Below Cal	#	41
30) Chloroform	7.977	83	2444	0.345	ug/l #	78
31) Cyclohexane	8.224	56	7739	1.233	ug/l #	50
36) 1,1-Dichloropropene	8.230	75	27435	5.241	ug/l #	50
38) Carbon Tetrachloride	8.230	117	37337	6.396	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	2660	0.663	ug/l #	1
71) Bromoform	12.847	173	1043	0.360	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	111522	30.060	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	111522	92.259	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.394	180	125	1.340	ug/l #	13
95) Naphthalene	15.641	128	747	1.908	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.853	180	63	1.172	ug/l #	12

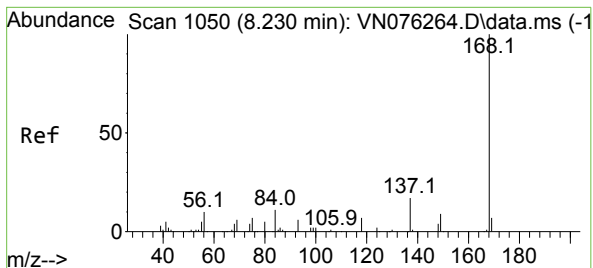
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
Data File : VN076387.D
Acq On : 24 Jan 2023 17:58
Operator : JC\MD
Sample : 01285-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB-2023-1-24

Quant Time: Jan 25 00:41:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

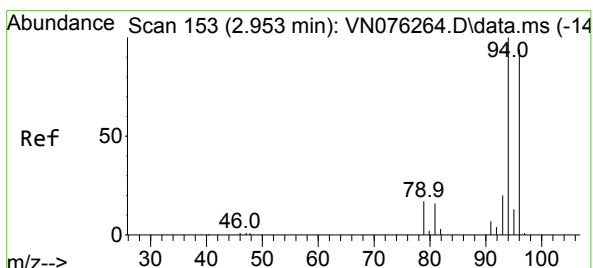
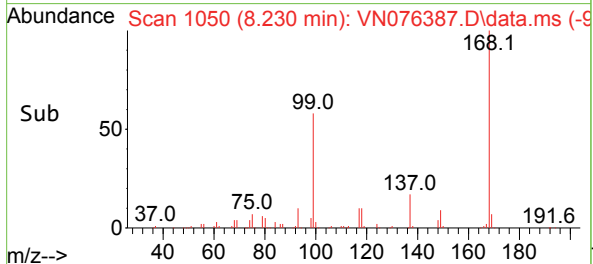
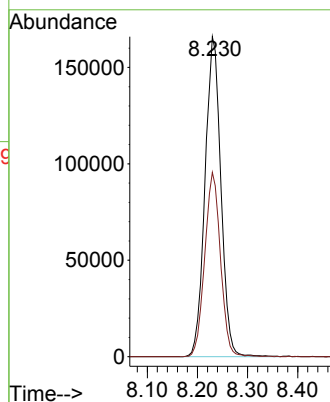
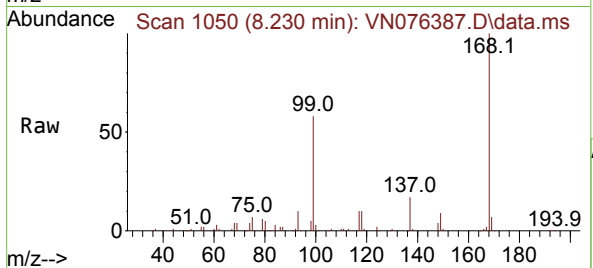
TB-2023-1-24

Tgt Ion:168 Resp: 364837

Ion Ratio Lower Upper

168 100

99 57.6 41.6 62.4



#5

Bromomethane

Concen: 0.205 ug/l

RT: 2.983 min Scan# 158

Delta R.T. 0.030 min

Lab File: VN076387.D

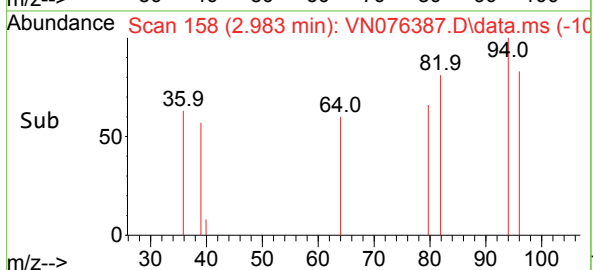
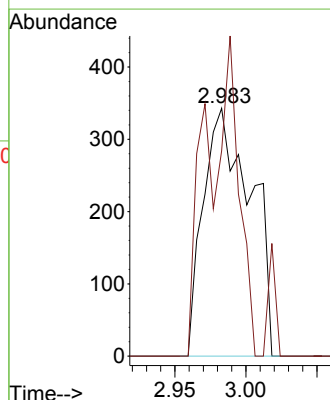
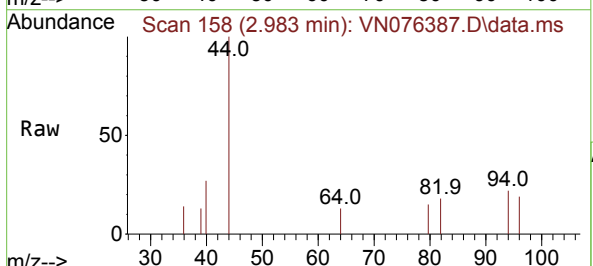
Acq: 24 Jan 2023 17:58

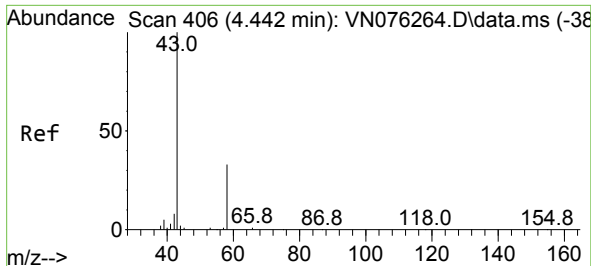
Tgt Ion: 94 Resp: 797

Ion Ratio Lower Upper

94 100

96 82.8 75.1 112.7





#16

Acetone

Concen: 0.658 ug/l

RT: 4.471 min Scan# 411

Delta R.T. 0.029 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

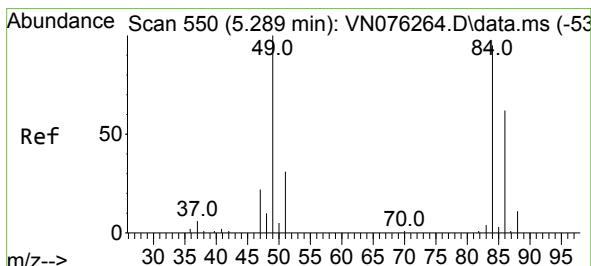
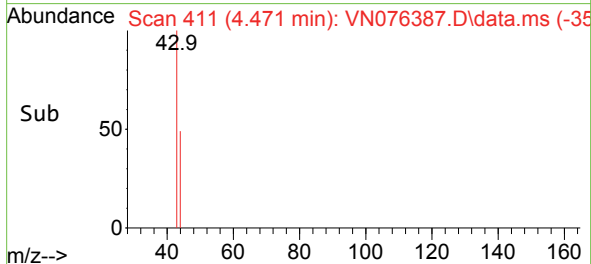
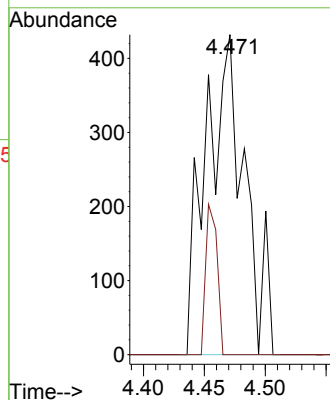
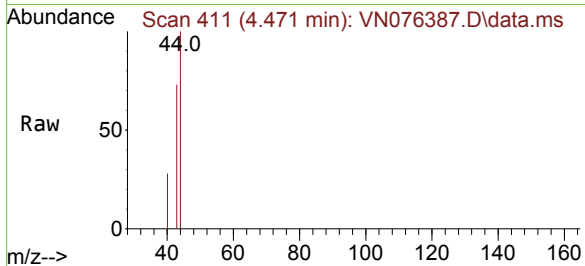
TB-2023-1-24

Tgt Ion: 43 Resp: 958

Ion Ratio Lower Upper

43 100

58 0.0 26.7 40.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.283 min Scan# 549

Delta R.T. -0.006 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

Tgt Ion: 84 Resp: 1067

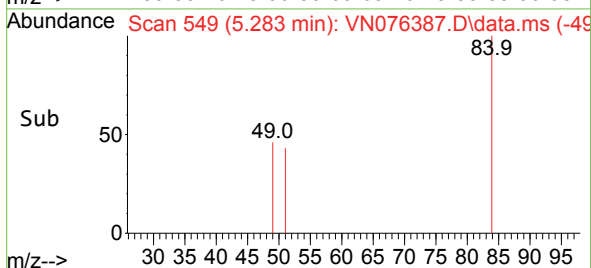
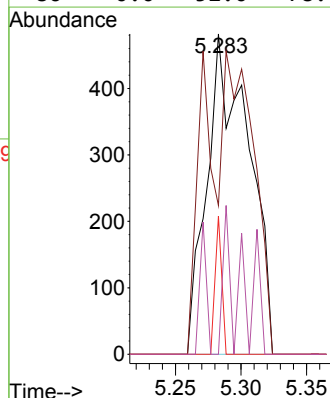
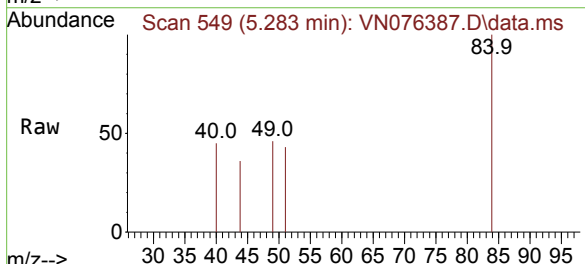
Ion Ratio Lower Upper

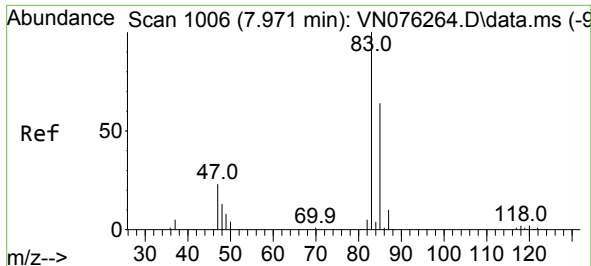
84 100

49 46.5 84.5 126.7#

51 43.2 26.0 39.0#

86 0.0 52.0 78.0#

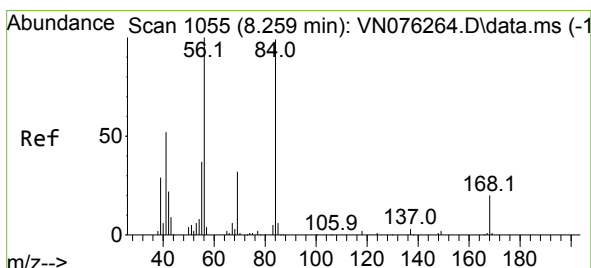
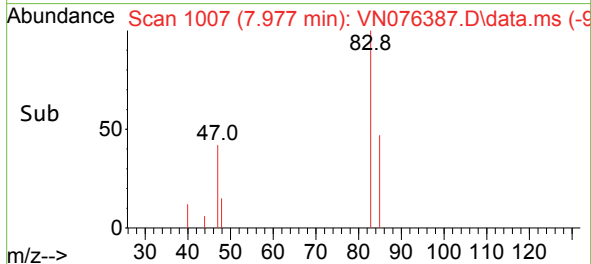
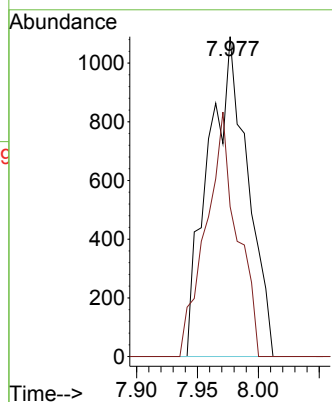
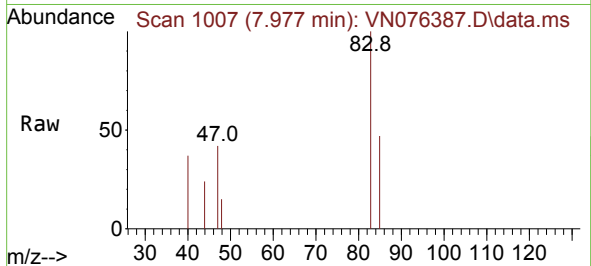




#30
Chloroform
Concen: 0.345 ug/l
RT: 7.977 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN076387.D
Acq: 24 Jan 2023 17:58

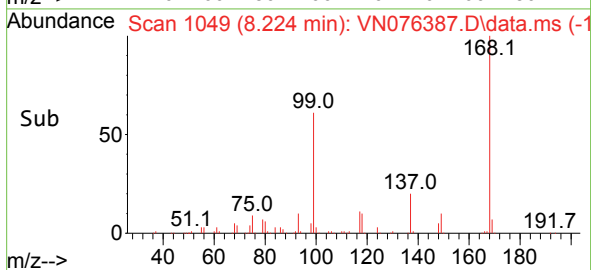
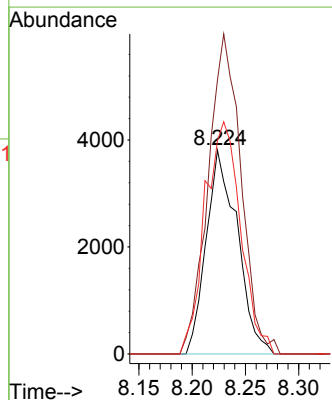
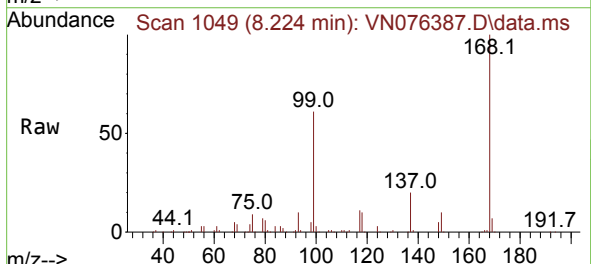
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-1-24

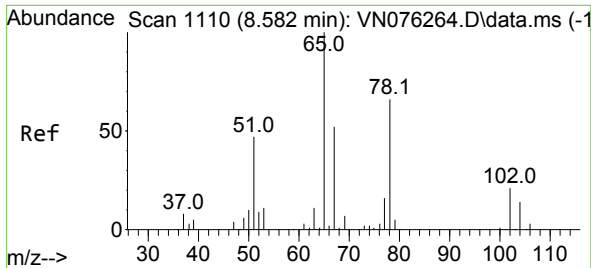
Tgt Ion: 83 Resp: 2444
Ion Ratio Lower Upper
83 100
85 46.9 51.0 76.6#



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076387.D
Acq: 24 Jan 2023 17:58

Tgt Ion: 56 Resp: 7739
Ion Ratio Lower Upper
56 100
69 134.5 25.8 38.8#
84 104.6 79.0 118.4





#33

1,2-Dichloroethane-d4

Concen: 51.517 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

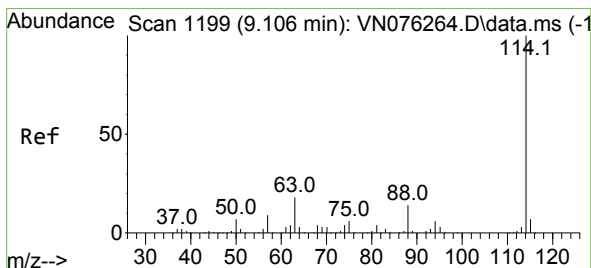
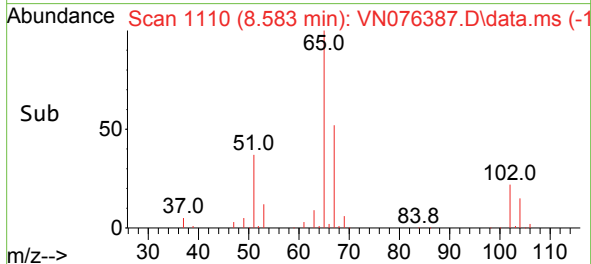
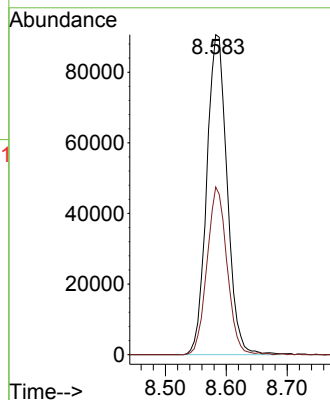
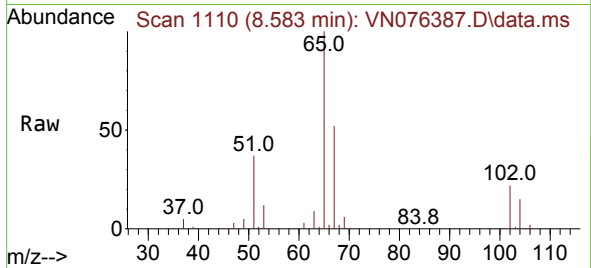
TB-2023-1-24

Tgt Ion: 65 Resp: 210447

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

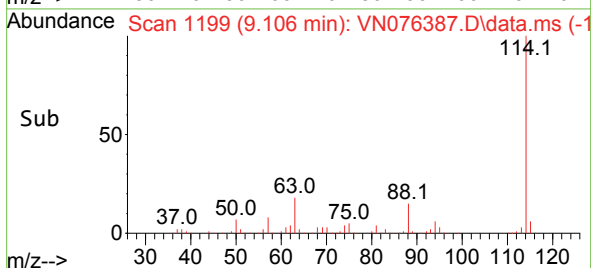
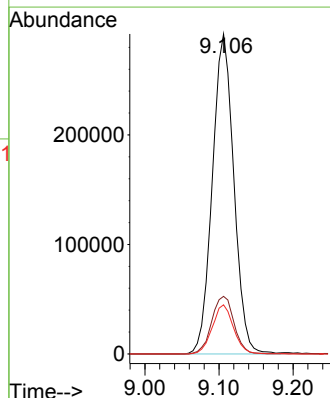
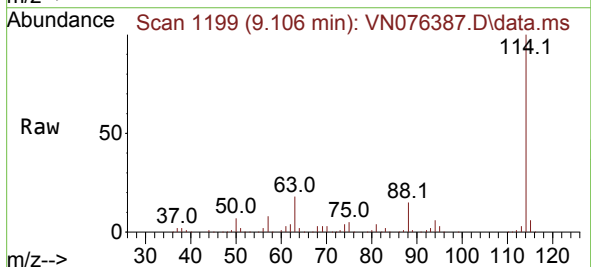
Tgt Ion:114 Resp: 588948

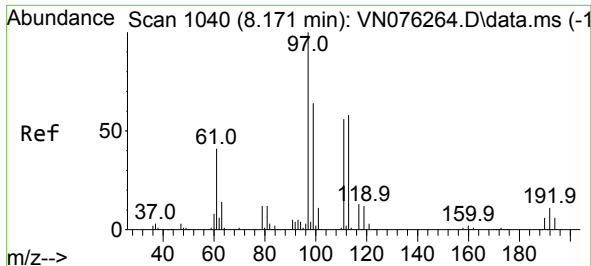
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 15.3 0.0 28.0





#35

Dibromofluoromethane

Concen: 48.643 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

TB-2023-1-24

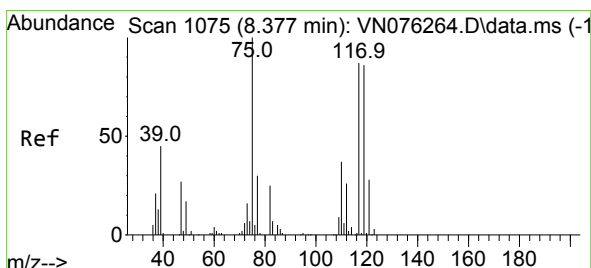
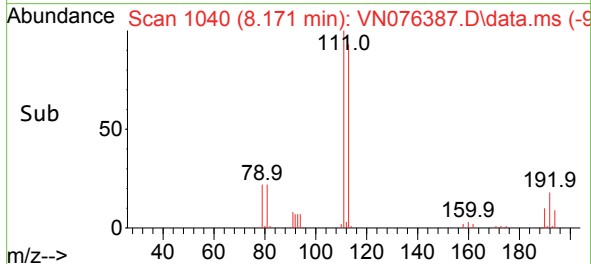
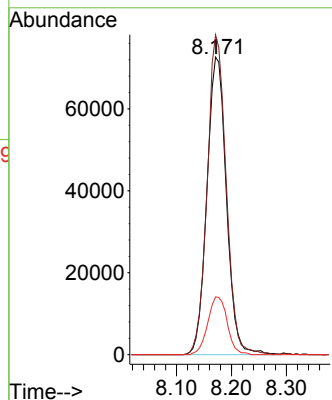
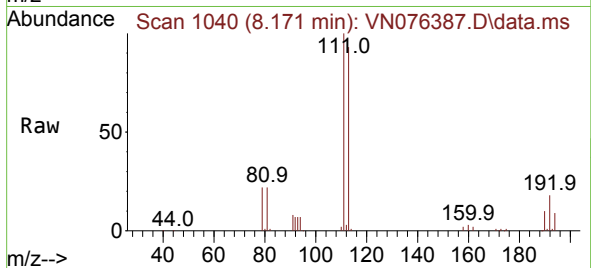
Tgt Ion:113 Resp: 179205

Ion Ratio Lower Upper

113 100

111 104.8 82.7 124.1

192 19.4 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

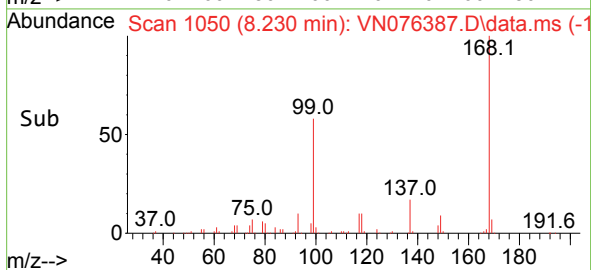
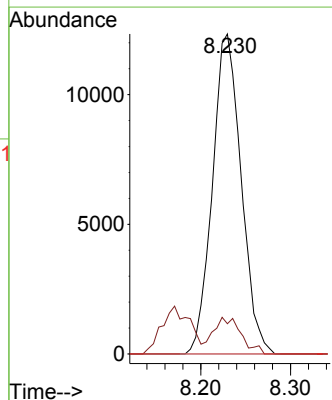
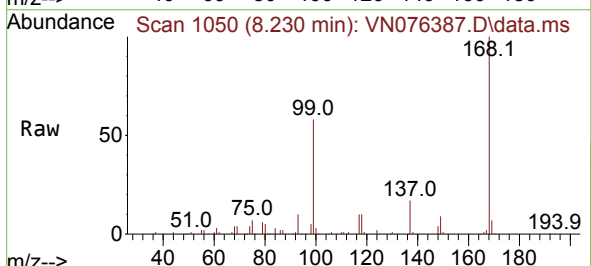
Tgt Ion: 75 Resp: 27435

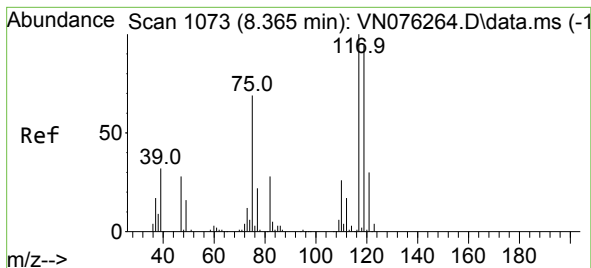
Ion Ratio Lower Upper

75 100

110 11.2 18.8 56.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.396 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

TB-2023-1-24

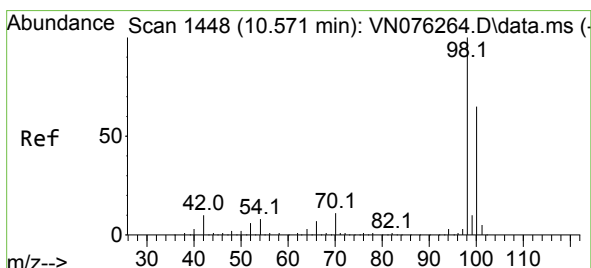
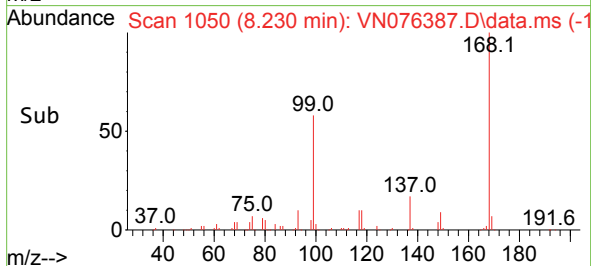
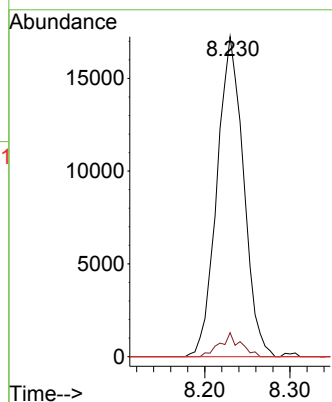
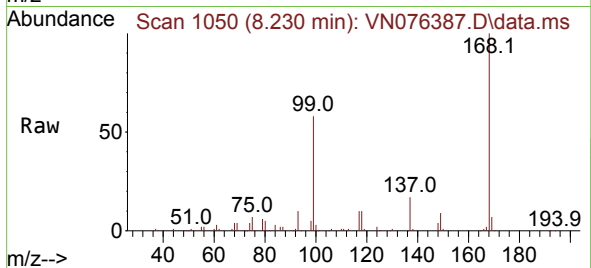
Tgt Ion:117 Resp: 37337

Ion Ratio Lower Upper

117 100

119 7.5 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 50.028 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076387.D

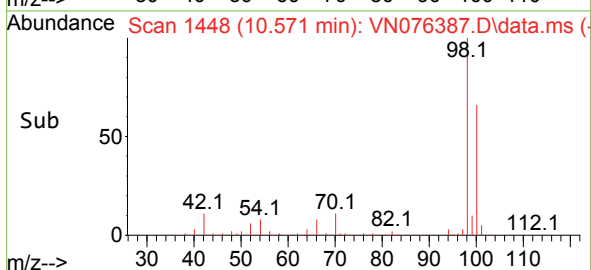
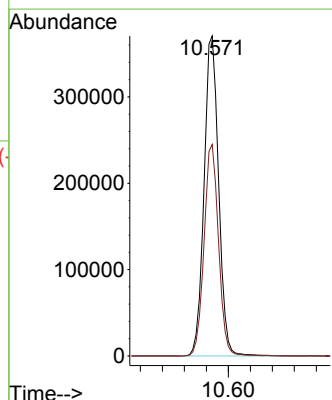
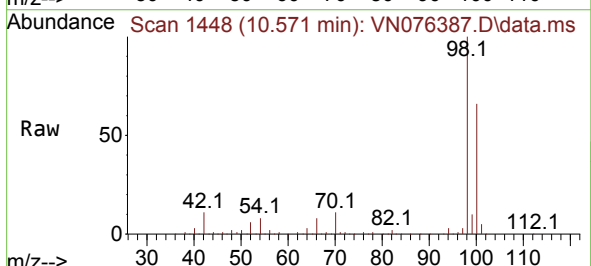
Acq: 24 Jan 2023 17:58

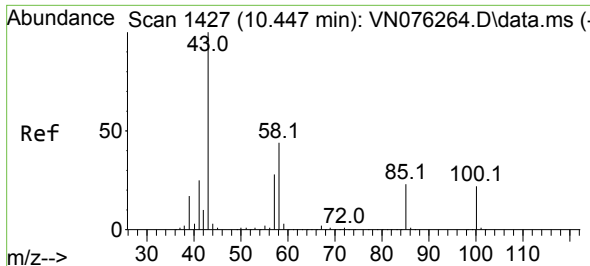
Tgt Ion: 98 Resp: 680678

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4

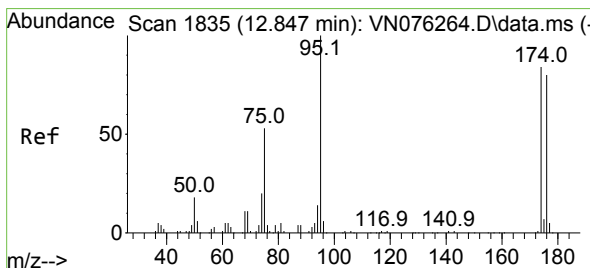
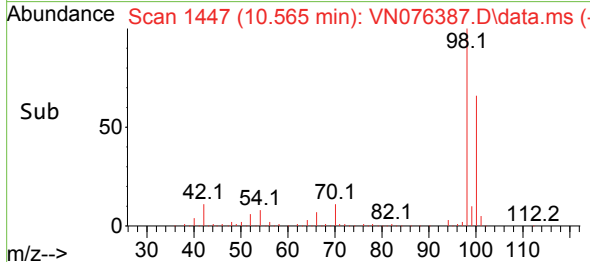
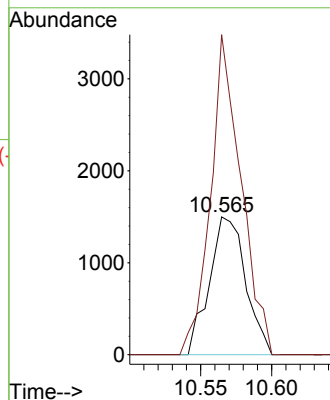
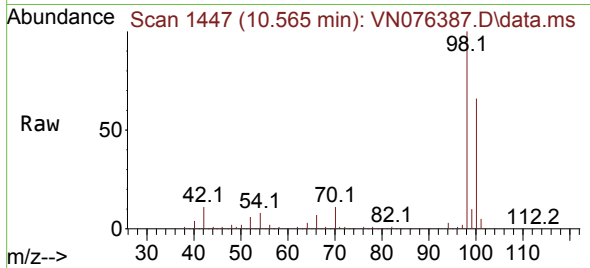




#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN076387.D
Acq: 24 Jan 2023 17:58

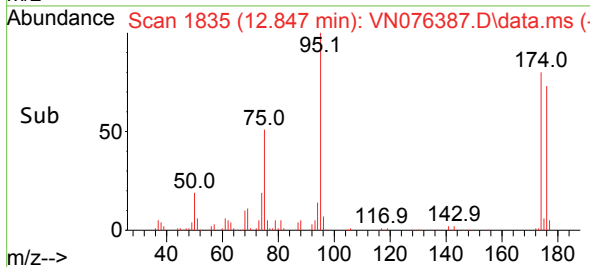
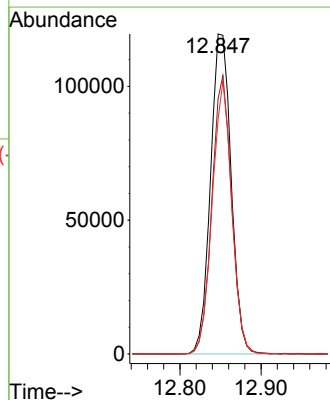
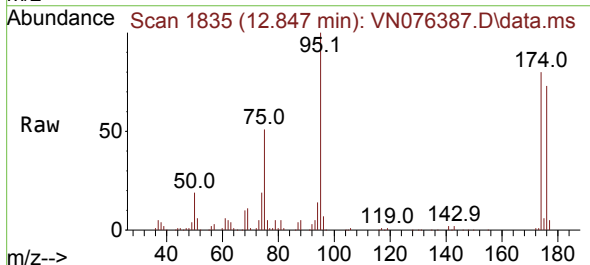
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-1-24

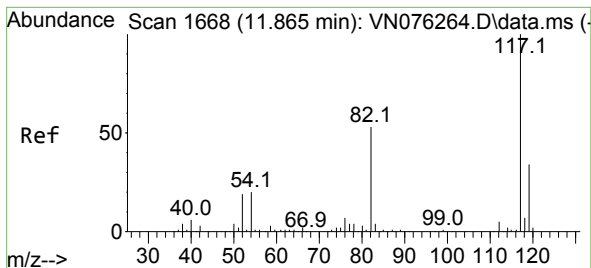
Tgt Ion: 43 Resp: 2660
Ion Ratio Lower Upper
43 100
58 195.8 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 47.599 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN076387.D
Acq: 24 Jan 2023 17:58

Tgt Ion: 95 Resp: 211422
Ion Ratio Lower Upper
95 100
174 83.1 0.0 174.6
176 80.4 0.0 167.8

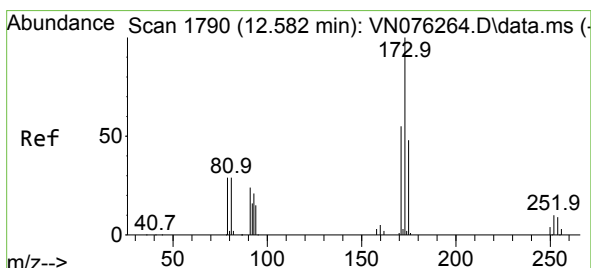
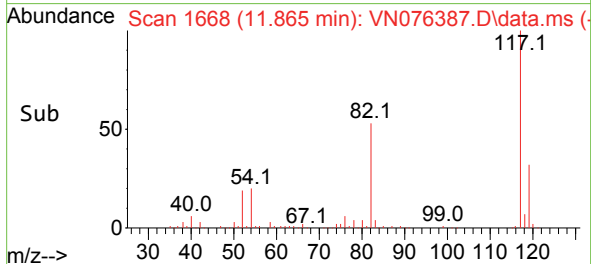
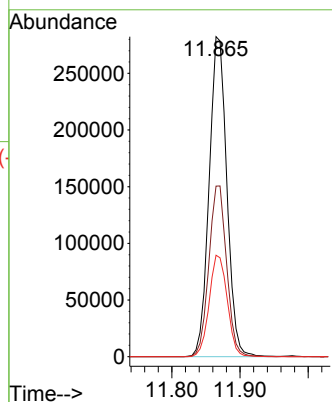
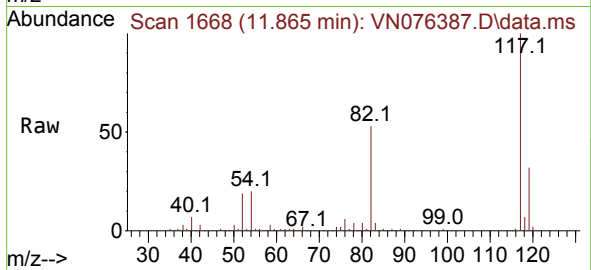




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076387.D
Acq: 24 Jan 2023 17:58

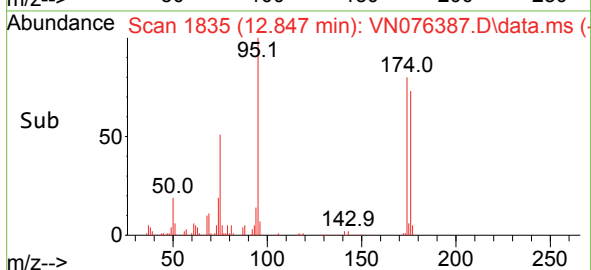
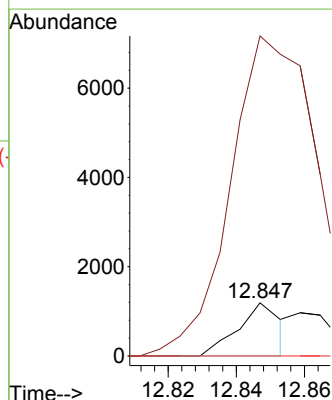
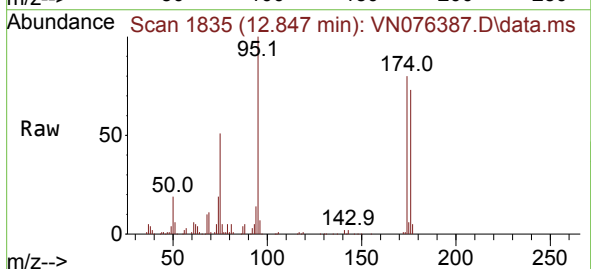
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-1-24

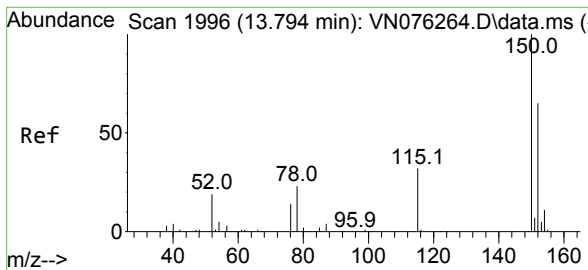
Tgt Ion:117 Resp: 509956
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 31.7 26.9 40.3



#71
Bromoform
Concen: 0.360 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076387.D
Acq: 24 Jan 2023 17:58

Tgt Ion:173 Resp: 1043
Ion Ratio Lower Upper
173 100
175 1001.8 24.1 72.4#
254 0.0 0.0 0.0

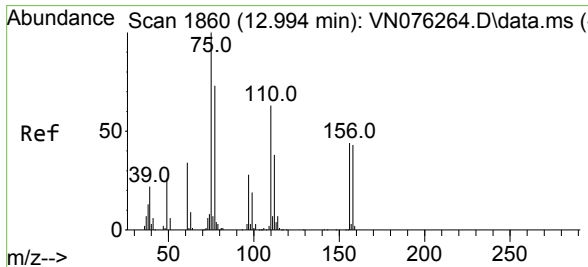
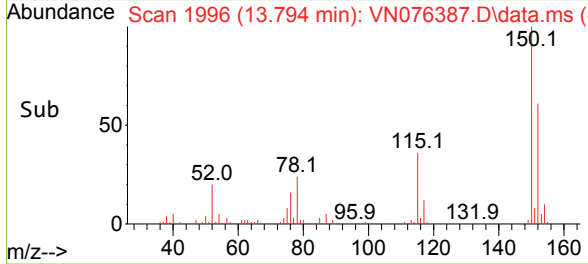
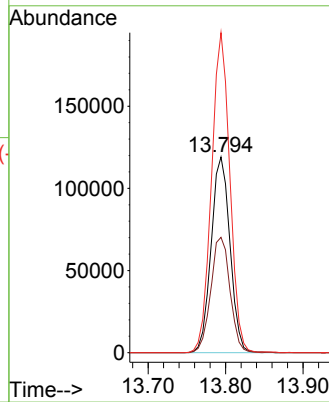
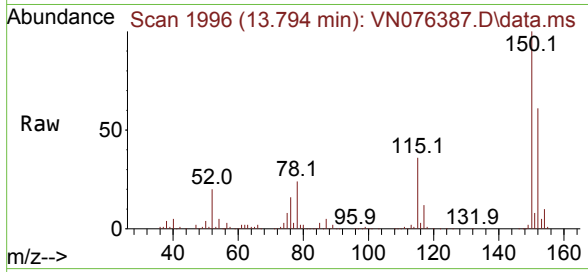




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076387.D
 Acq: 24 Jan 2023 17:58

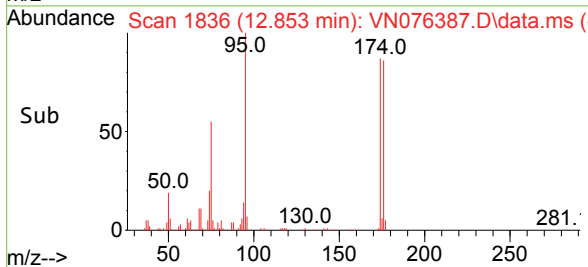
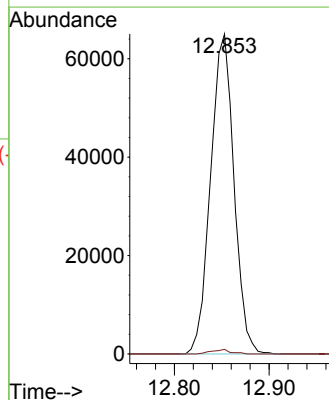
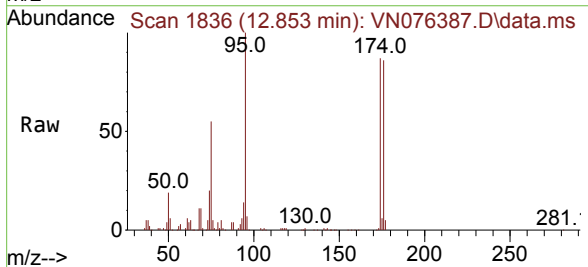
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2023-1-24

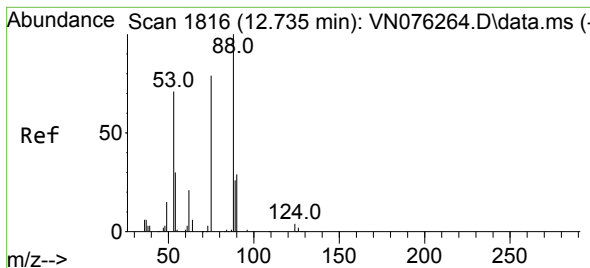
Tgt Ion:152 Resp: 201122
 Ion Ratio Lower Upper
 152 100
 115 60.2 29.6 88.9
 150 159.2 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 30.060 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076387.D
 Acq: 24 Jan 2023 17:58

Tgt Ion: 75 Resp: 111522
 Ion Ratio Lower Upper
 75 100
 77 1.2 75.2 225.6#

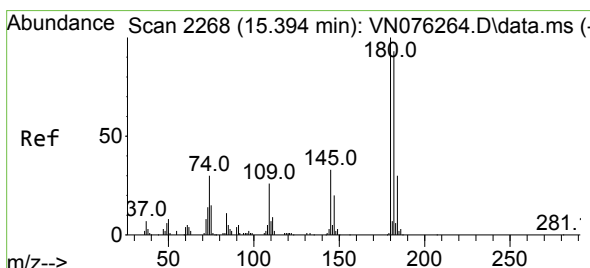
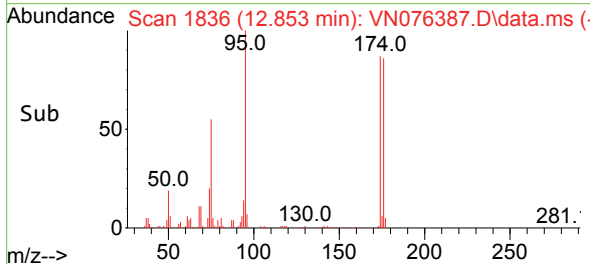
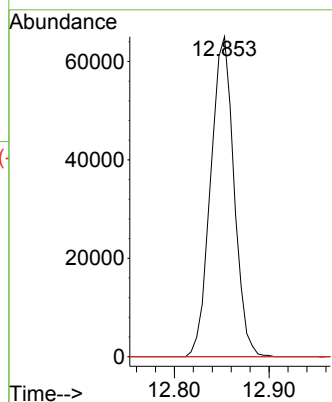
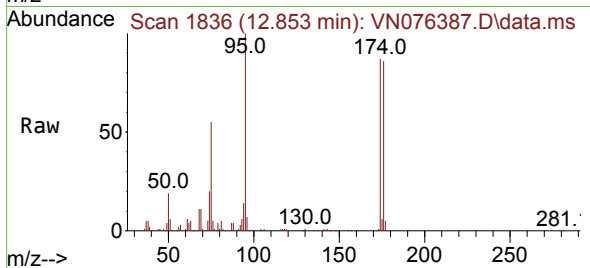




#81
trans-1,4-Dichloro-2-butene
Concen: 92.259 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076387.D
Acq: 24 Jan 2023 17:58

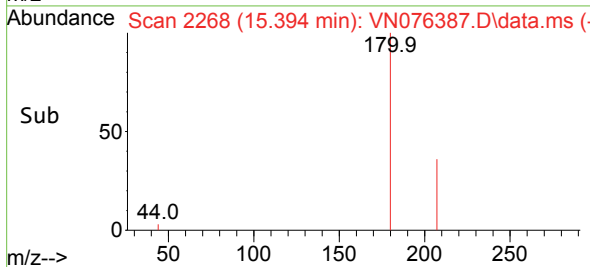
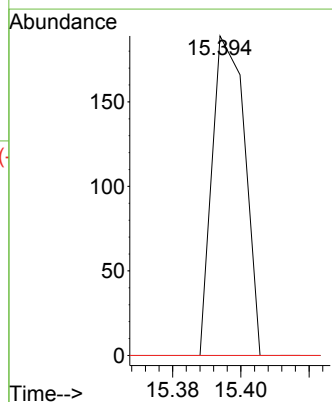
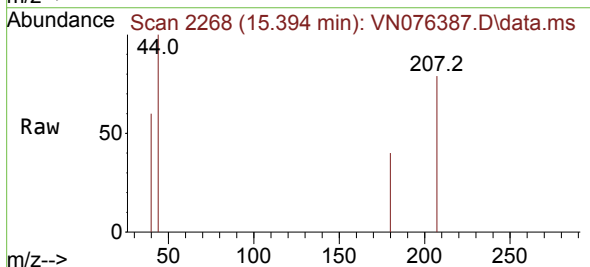
Instrument :
MSVOA_N
ClientSampleId :
TB-2023-1-24

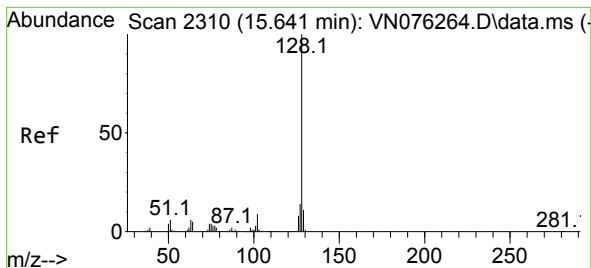
Tgt Ion: 75 Resp: 111522
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.340 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076387.D
Acq: 24 Jan 2023 17:58

Tgt Ion:180 Resp: 125
Ion Ratio Lower Upper
180 100
182 0.0 47.0 141.2#
145 0.0 15.2 45.5#





#95

Naphthalene

Concen: 1.908 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

TB-2023-1-24

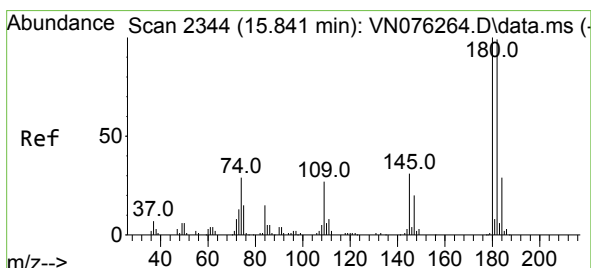
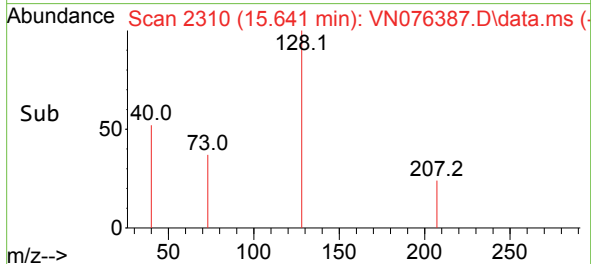
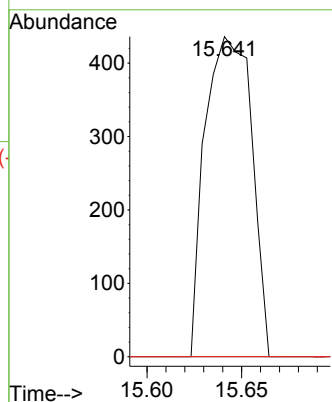
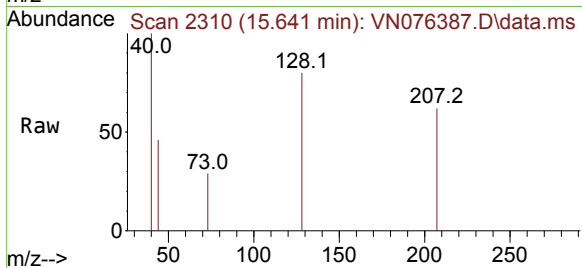
Tgt Ion:128 Resp: 747

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.172 ug/l

RT: 15.853 min Scan# 2346

Delta R.T. 0.012 min

Lab File: VN076387.D

Acq: 24 Jan 2023 17:58

Tgt Ion:180 Resp: 63

Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.5#

145 0.0 15.9 47.6#

