

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076386.D
 Acq On : 24 Jan 2023 17:34
 Operator : JC\MD
 Sample : 01285-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 25 00:41:18 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)

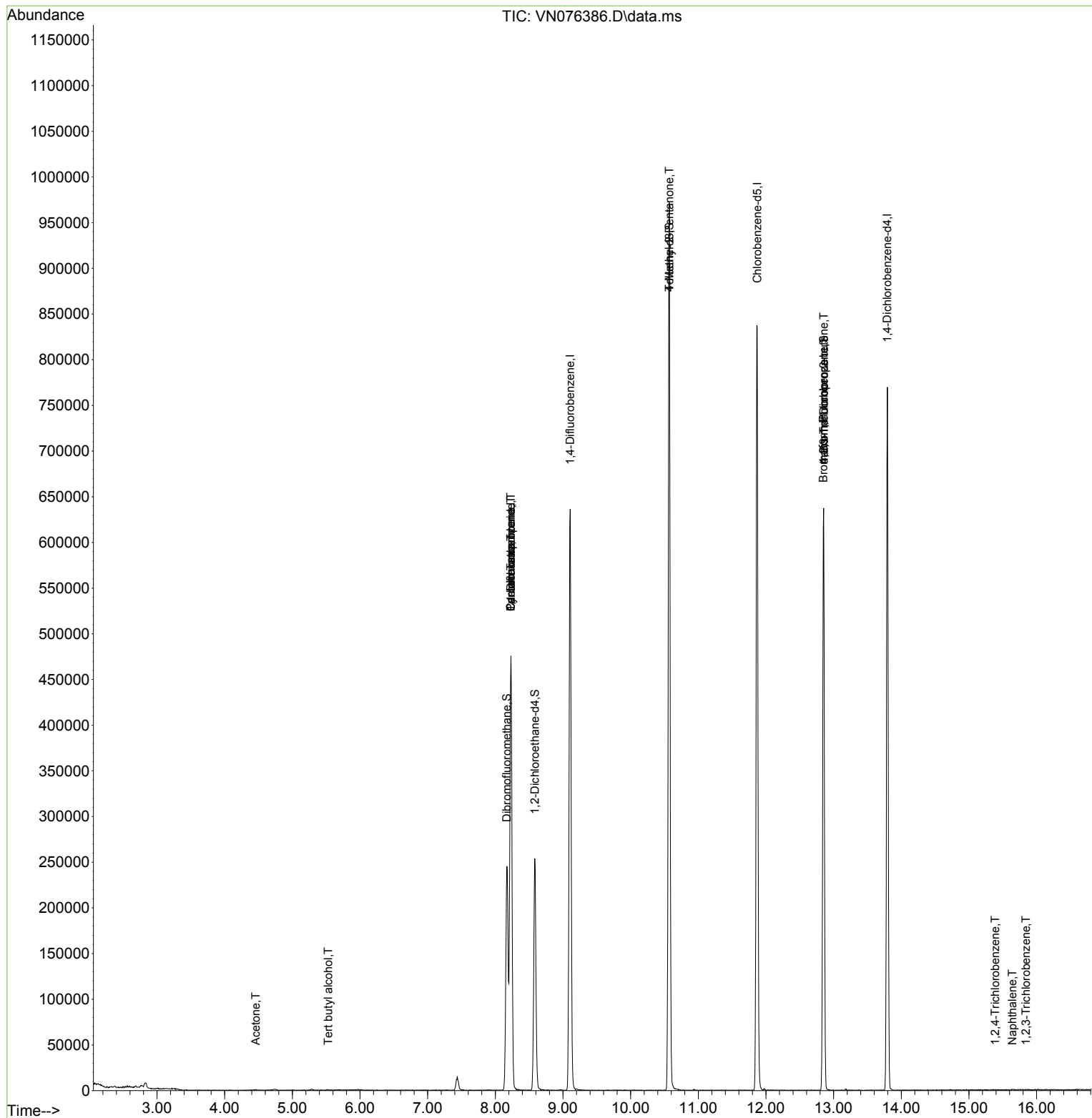
Internal Standards						
1) Pentafluorobenzene	8.230	168	361925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	510836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205368	50.678	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.360%	
35) Dibromofluoromethane	8.171	113	174550	47.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.820%	
50) Toluene-d8	10.571	98	679198	50.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.853	95	216737	49.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	368	0.679	ug/l #	72
16) Acetone	4.459	43	794	0.538	ug/l #	41
20) Methylene Chloride	5.277	84	823	Below Cal	#	59
31) Cyclohexane	8.230	56	7526	1.209	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	26708	5.159	ug/l #	49
38) Carbon Tetrachloride	8.230	117	37593	6.511	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2828	0.713	ug/l #	1
71) Bromoform	12.847	173	1199	0.413	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114776	29.368	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114776	90.203	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.388	180	121	1.337	ug/l #	50
95) Naphthalene	15.641	128	1140	1.939	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.841	180	77	1.175	ug/l #	80

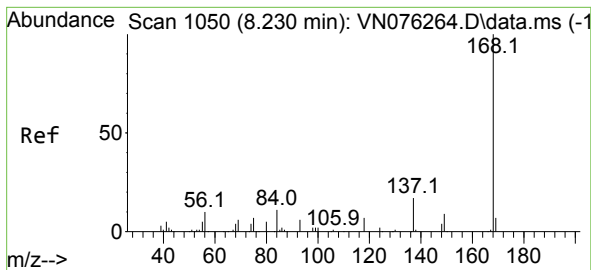
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076386.D

Acq: 24 Jan 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

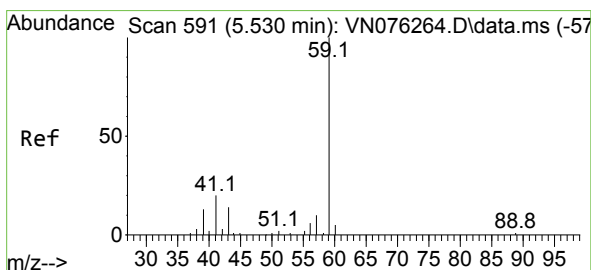
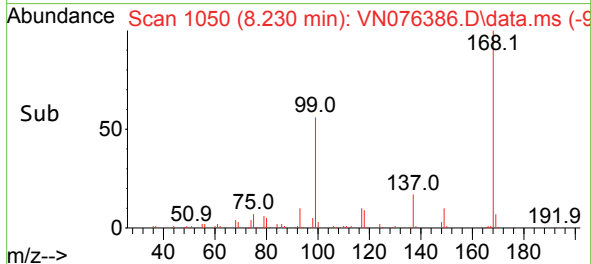
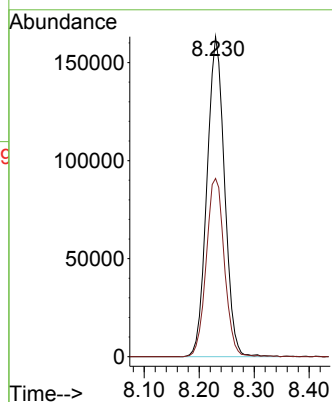
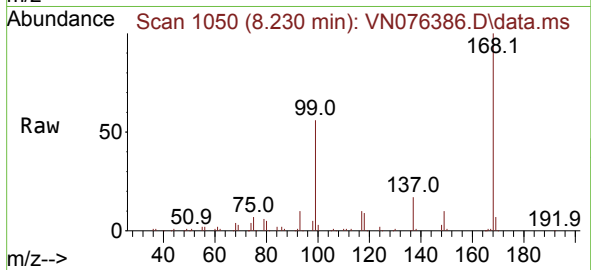
EB-2023-1-24

Tgt Ion:168 Resp: 361925

Ion Ratio Lower Upper

168 100

99 55.7 41.6 62.4



#11

Tert butyl alcohol

Concen: 0.679 ug/l

RT: 5.530 min Scan# 591

Delta R.T. -0.000 min

Lab File: VN076386.D

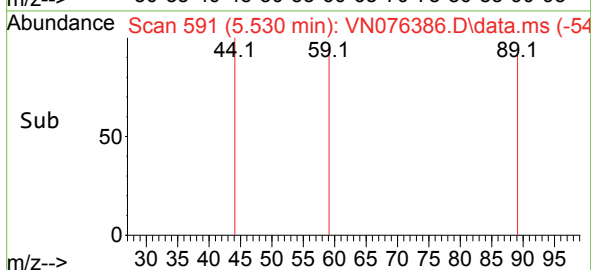
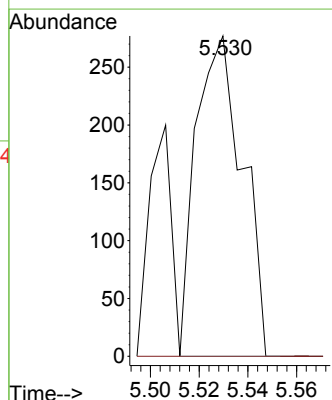
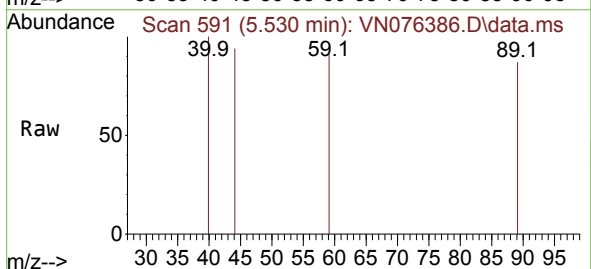
Acq: 24 Jan 2023 17:34

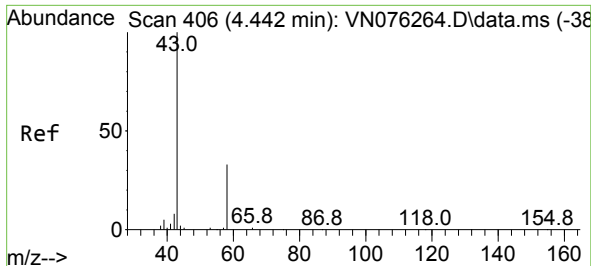
Tgt Ion: 59 Resp: 368

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#16

Acetone

Concen: 0.538 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.017 min

Lab File: VN076386.D

Acq: 24 Jan 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

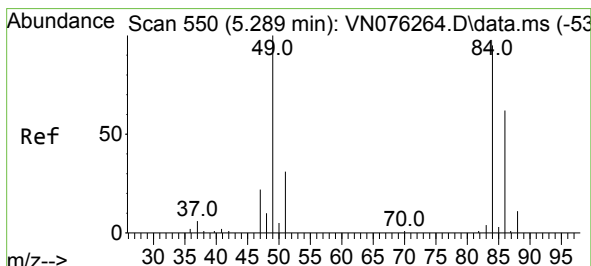
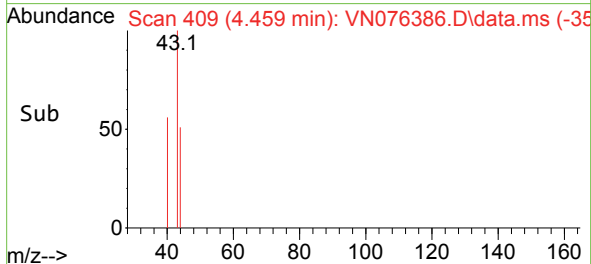
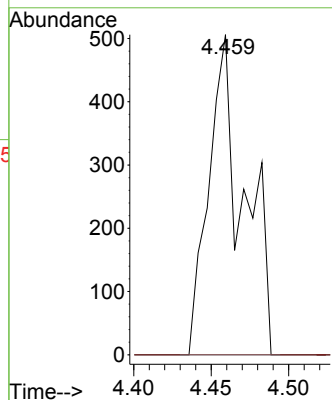
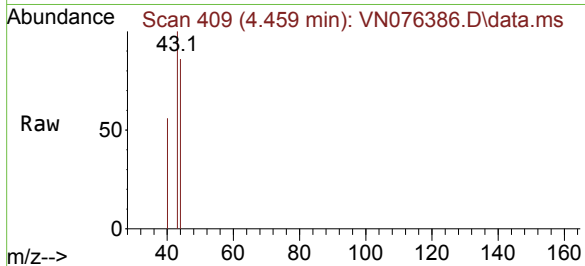
EB-2023-1-24

Tgt Ion: 43 Resp: 794

Ion Ratio Lower Upper

43 100

58 0.0 26.7 40.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.277 min Scan# 548

Delta R.T. -0.012 min

Lab File: VN076386.D

Acq: 24 Jan 2023 17:34

Tgt Ion: 84 Resp: 823

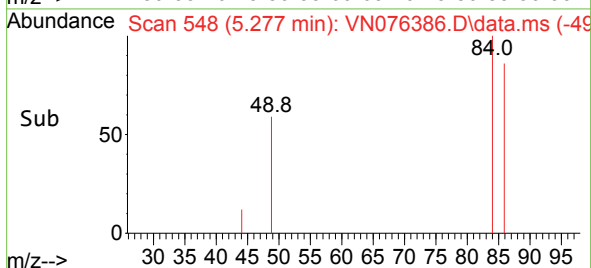
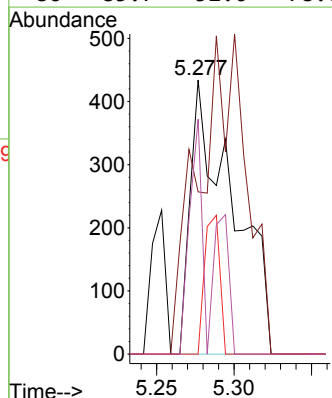
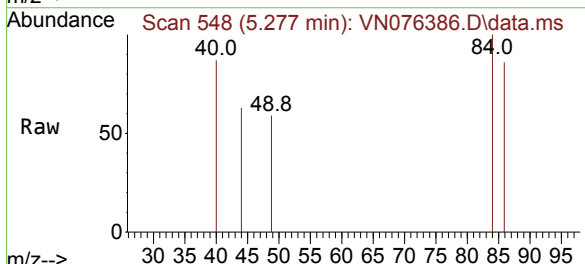
Ion Ratio Lower Upper

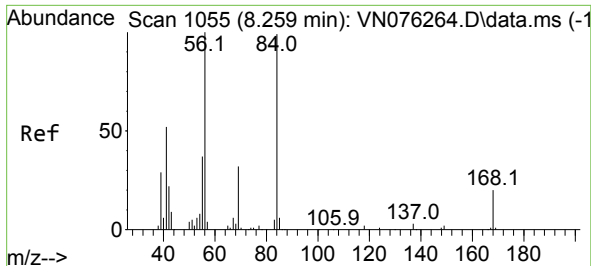
84 100

49 59.2 84.5 126.7#

51 0.0 26.0 39.0#

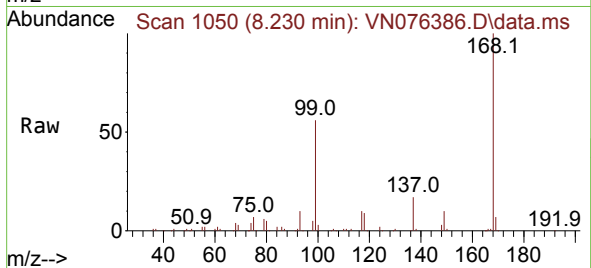
86 85.7 52.0 78.0#



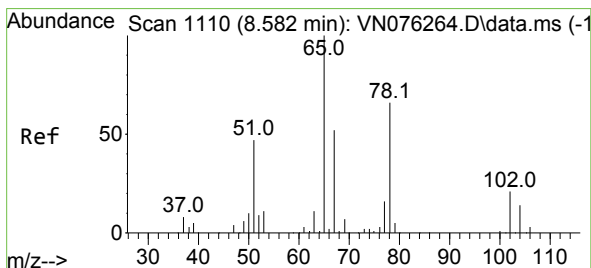
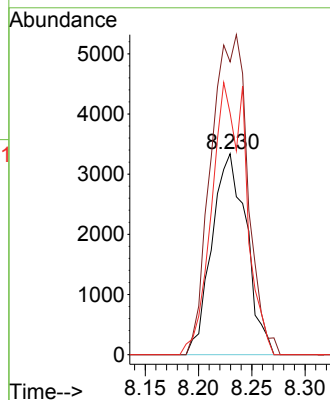
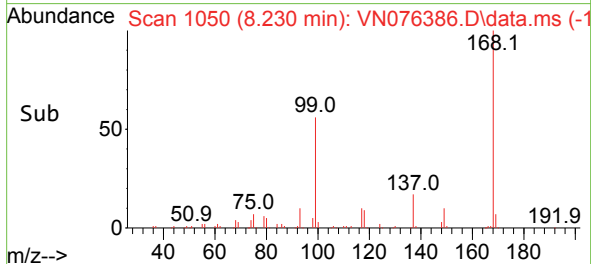


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

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

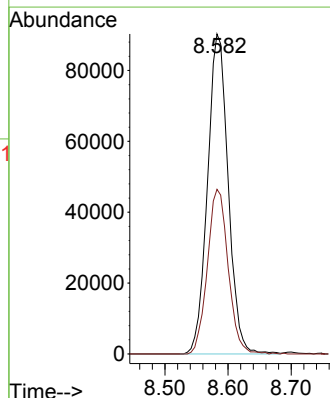
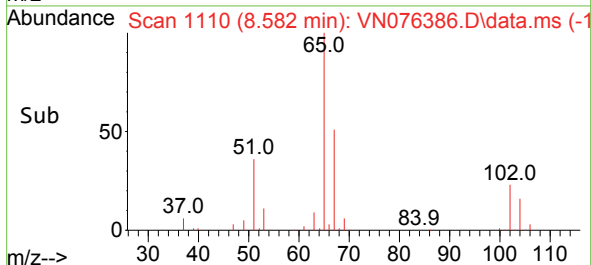
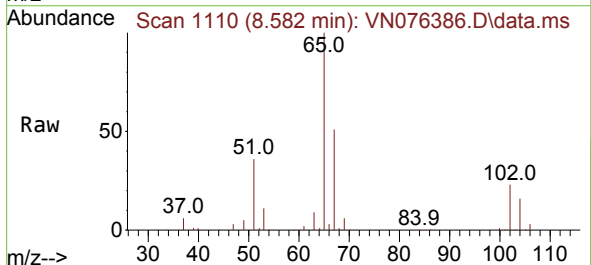


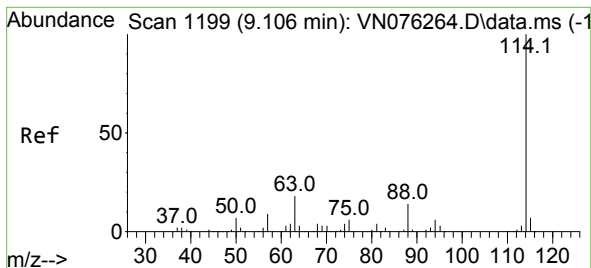
Tgt Ion: 56 Resp: 7526
Ion Ratio Lower Upper
56 100
69 145.7 25.8 38.8#
84 120.1 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 50.678 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

Tgt Ion: 65 Resp: 205368
Ion Ratio Lower Upper
65 100
67 51.8 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: VN076386.D

Acq: 24 Jan 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-1-24

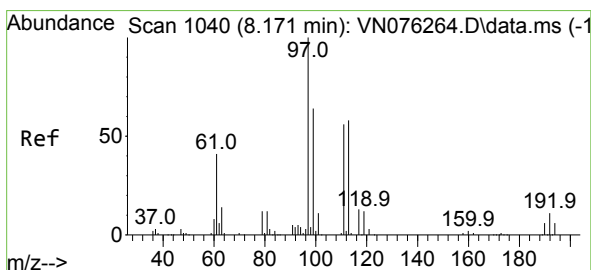
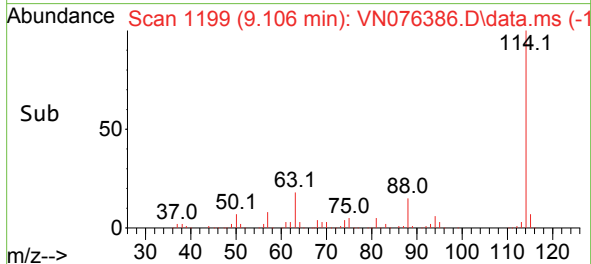
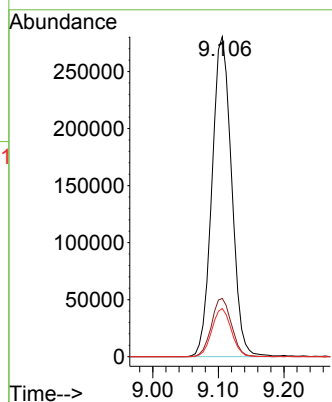
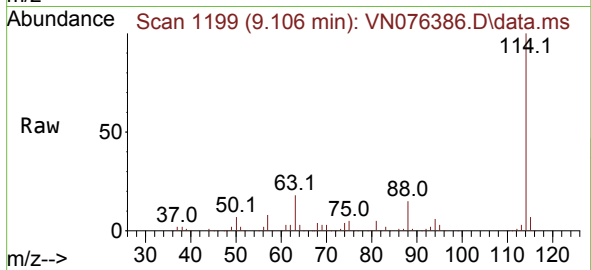
Tgt Ion:114 Resp: 582438

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 15.1 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.909 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076386.D

Acq: 24 Jan 2023 17:34

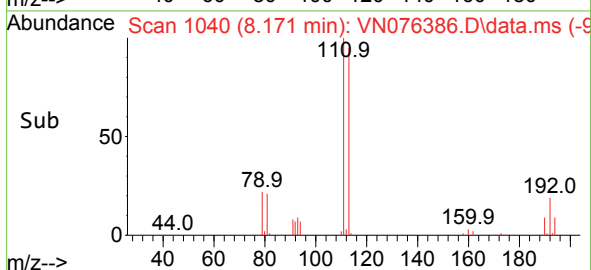
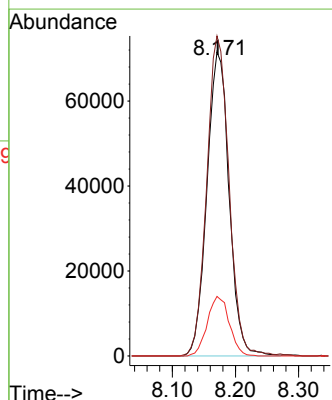
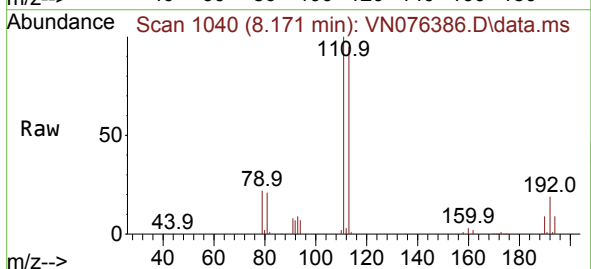
Tgt Ion:113 Resp: 174550

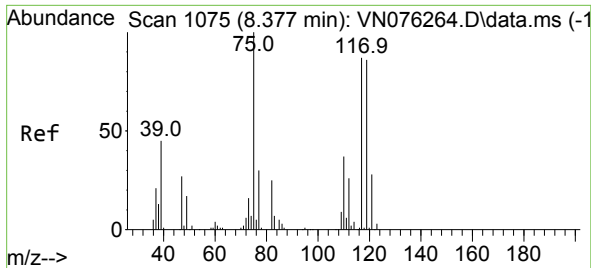
Ion Ratio Lower Upper

113 100

111 105.6 82.7 124.1

192 19.4 15.6 23.4

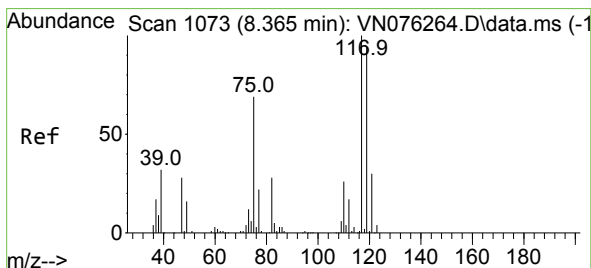
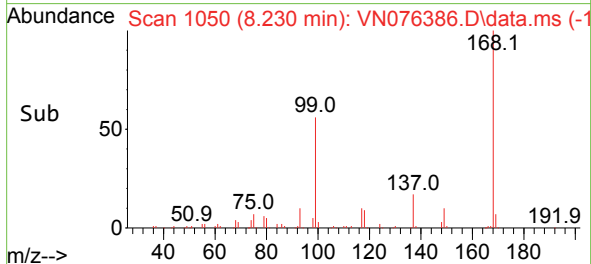
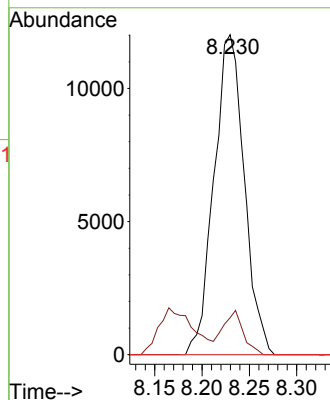
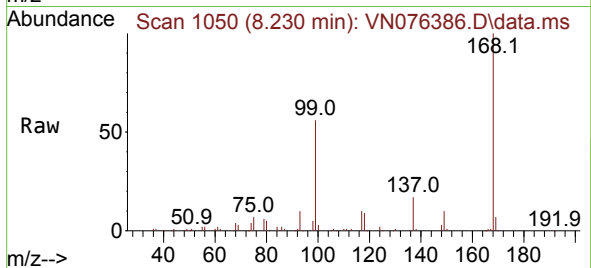




#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

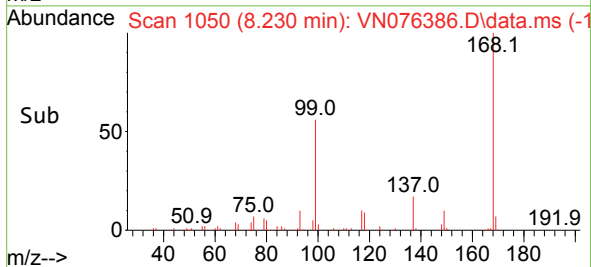
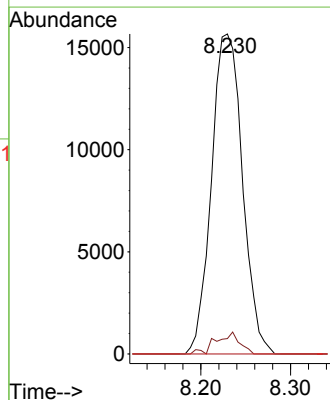
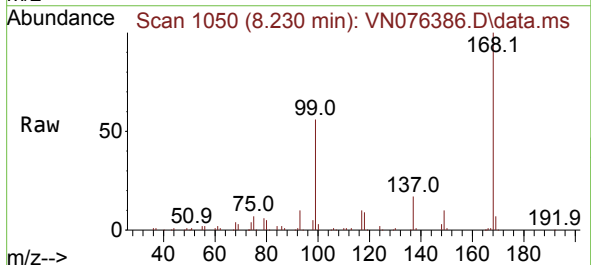
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-24

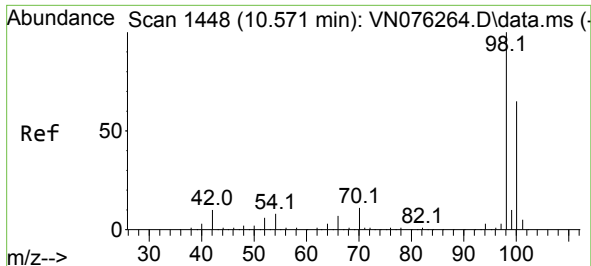
Tgt Ion: 75 Resp: 26708
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.511 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

Tgt Ion: 117 Resp: 37593
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 24.2 36.2#

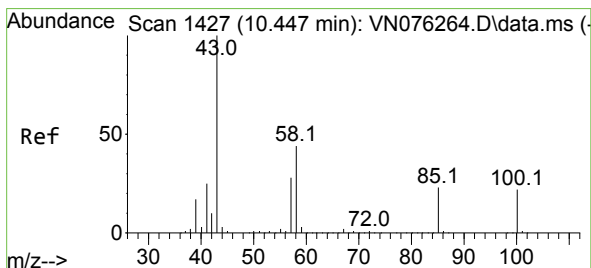
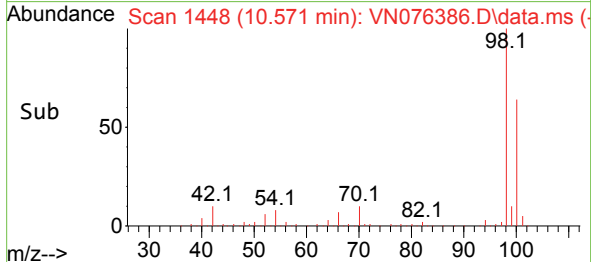
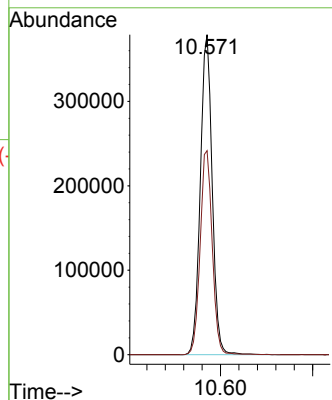
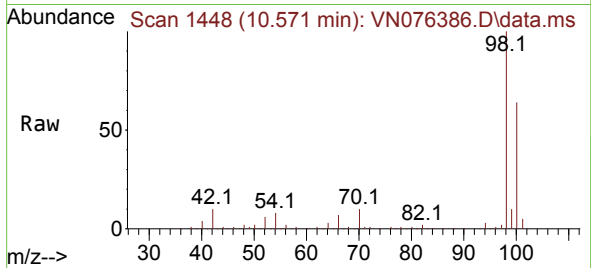




#50
Toluene-d8
Concen: 50.477 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

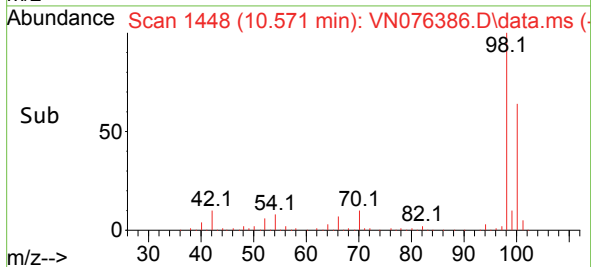
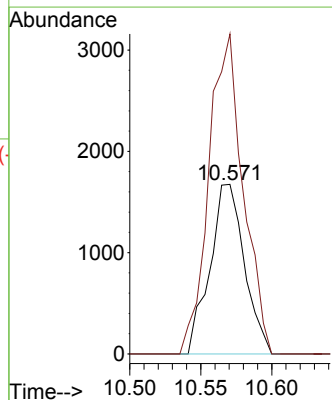
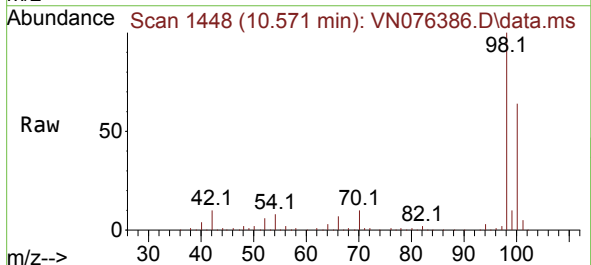
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EB-2023-1-24

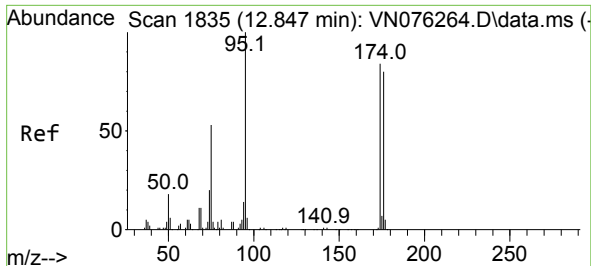
Tgt Ion: 98 Resp: 679198
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.713 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
58 188.2 35.1 52.7#

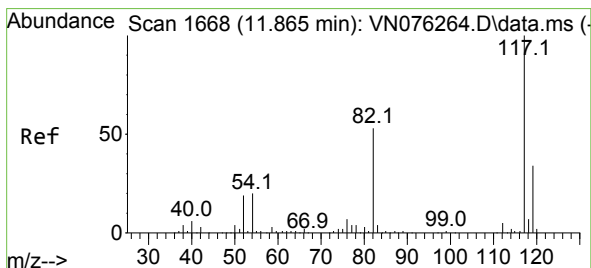
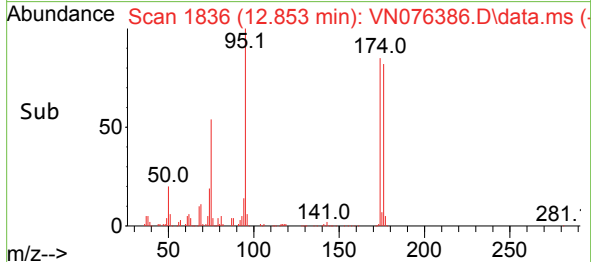
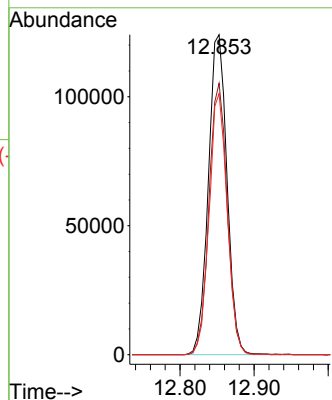
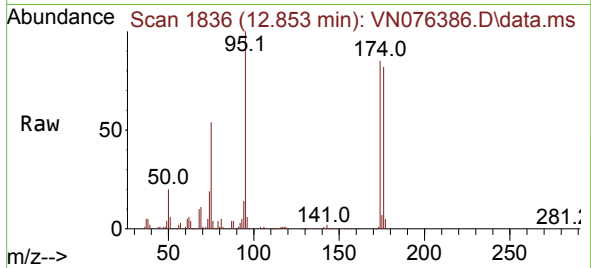




#62
4-Bromofluorobenzene
Concen: 49.342 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

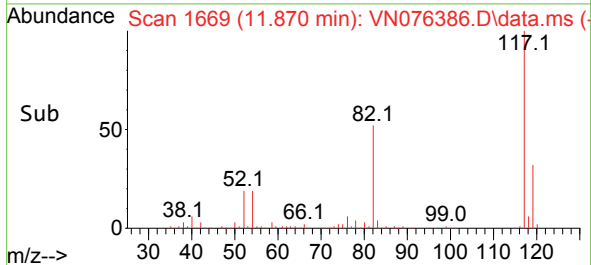
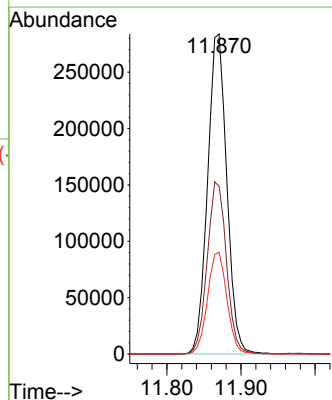
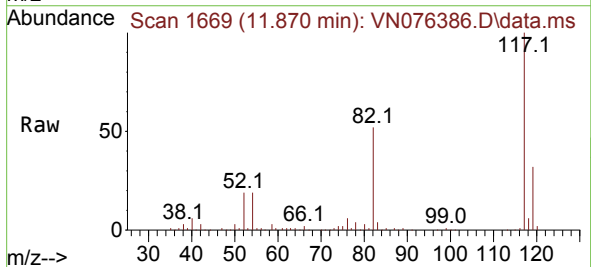
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-24

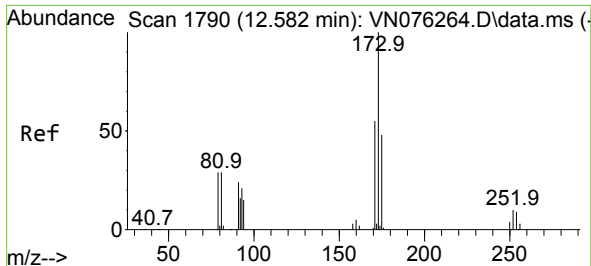
Tgt Ion: 95 Resp: 216737
Ion Ratio Lower Upper
95 100
174 82.8 0.0 174.6
176 79.1 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

Tgt Ion: 117 Resp: 510836
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 31.8 26.9 40.3

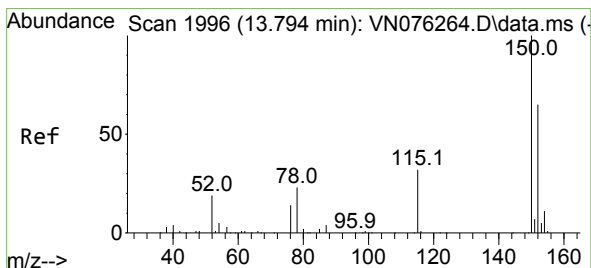
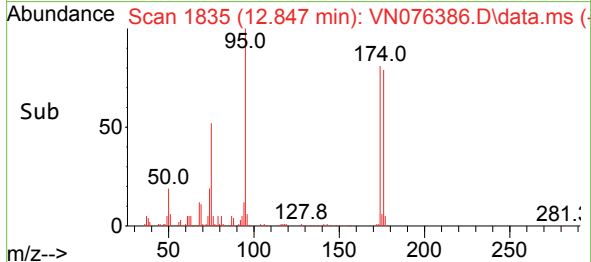
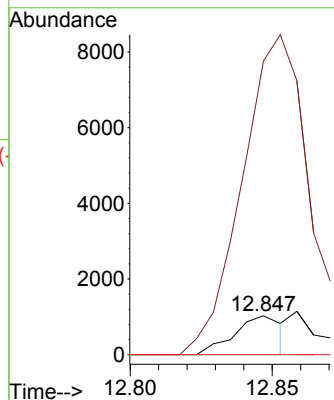
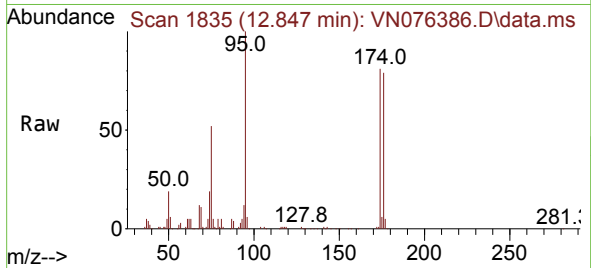




#71
Bromoform
Concen: 0.413 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

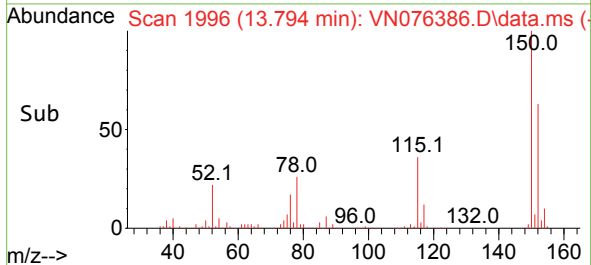
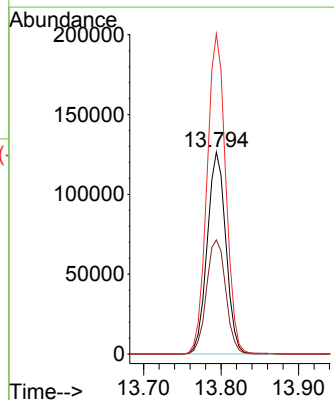
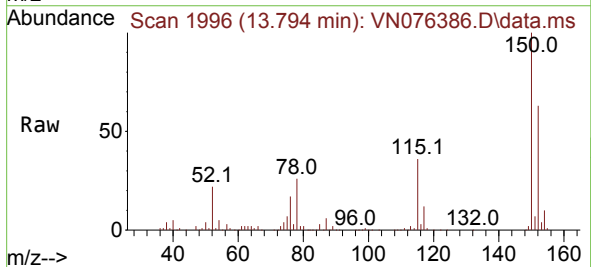
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-24

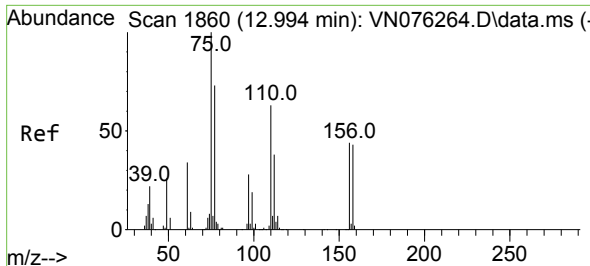
Tgt Ion:173 Resp: 1199
Ion Ratio Lower Upper
173 100
175 977.9 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

Tgt Ion:152 Resp: 211708
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.9
150 159.3 0.0 351.4

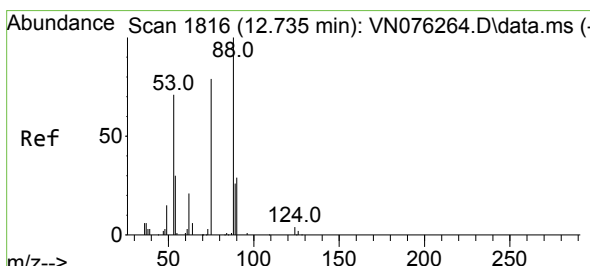
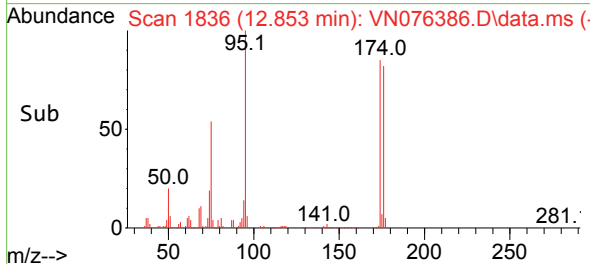
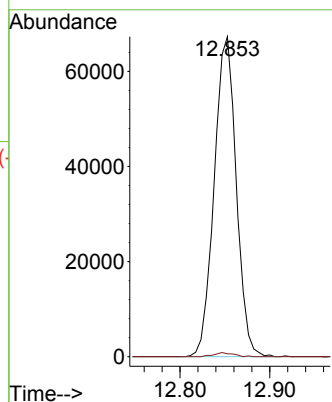
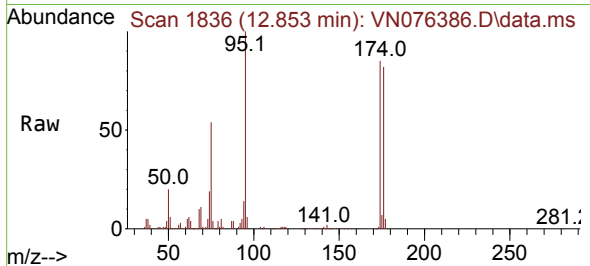




#76
1,2,3-Trichloropropane
Concen: 29.368 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

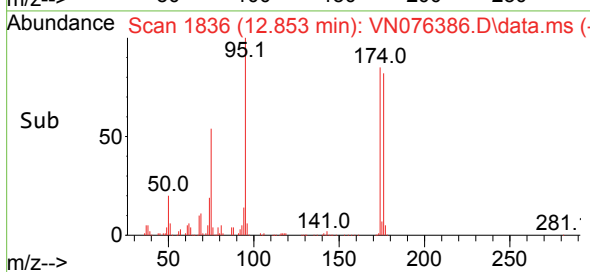
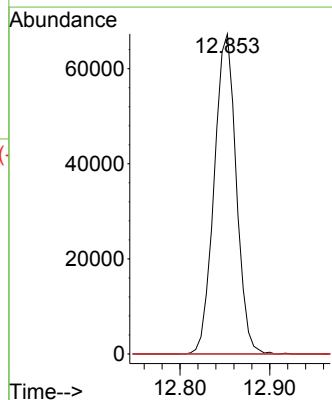
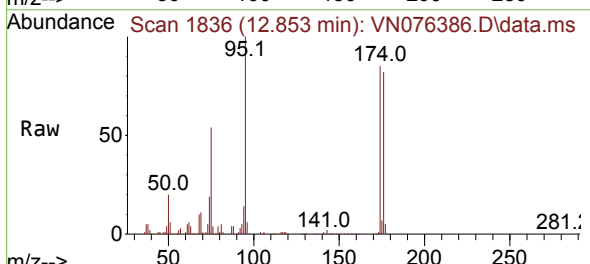
Instrument :
MSVOA_N
ClientSampleId :
EB-2023-1-24

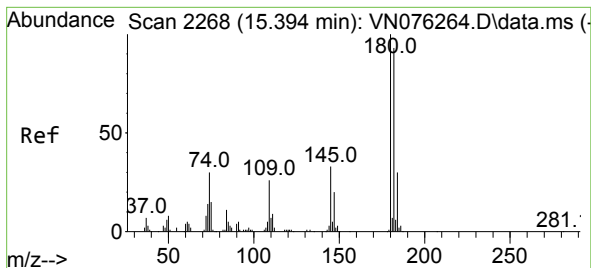
Tgt Ion: 75 Resp: 114776
Ion Ratio Lower Upper
75 100
77 1.1 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.203 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076386.D
Acq: 24 Jan 2023 17:34

Tgt Ion: 75 Resp: 114776
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: 1.337 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN076386.D

Acq: 24 Jan 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-1-24

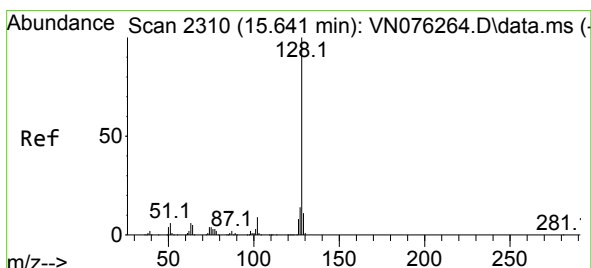
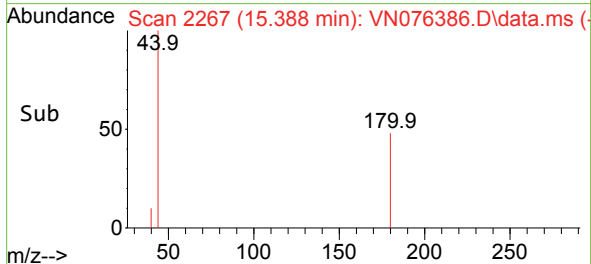
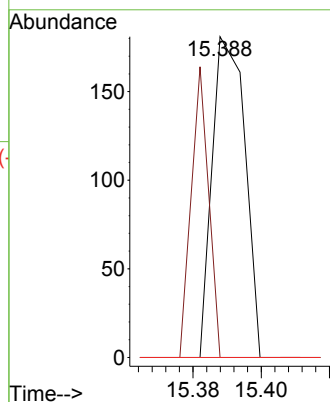
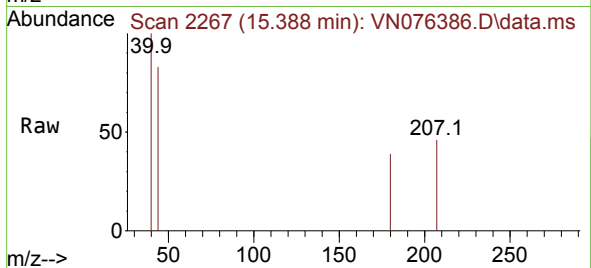
Tgt Ion:180 Resp: 121

Ion Ratio Lower Upper

180 100

182 47.9 47.0 141.2

145 0.0 15.2 45.5#



#95

Naphthalene

Concen: 1.939 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076386.D

Acq: 24 Jan 2023 17:34

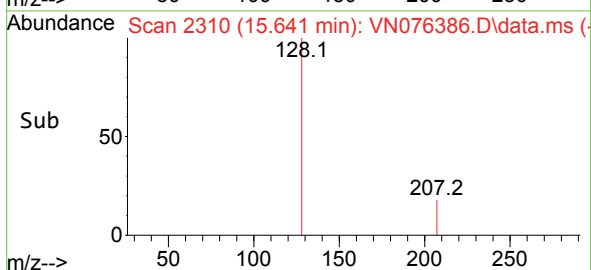
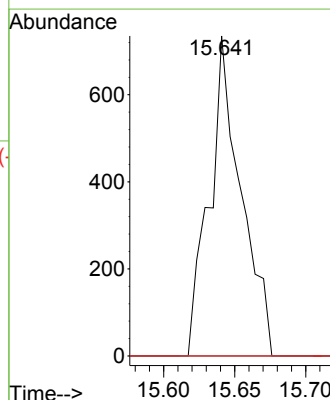
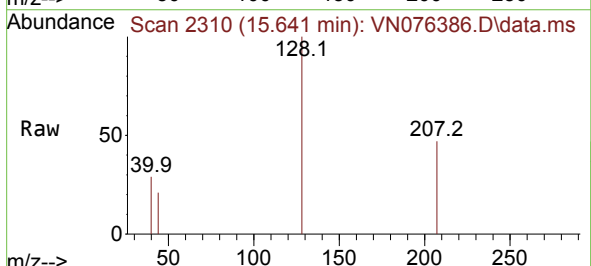
Tgt Ion:128 Resp: 1140

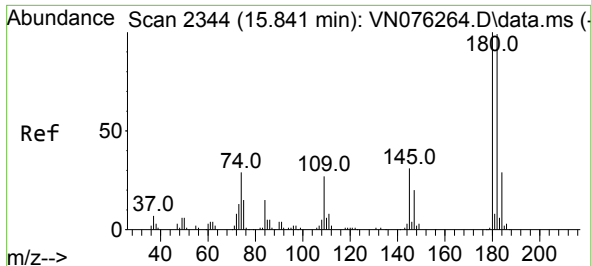
Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.175 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076386.D

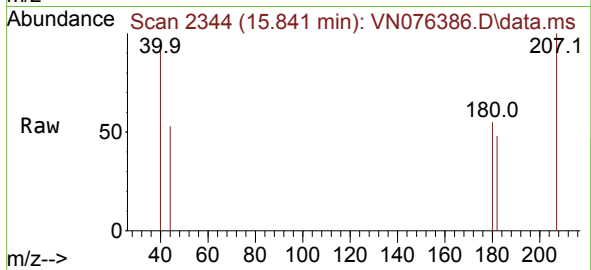
Acq: 24 Jan 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

EB-2023-1-24



Tgt Ion:180 Resp: 77

Ion Ratio Lower Upper

180 100

182 87.0 47.5 142.5

145 0.0 15.9 47.6#

