

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076282.D
 Acq On : 17 Jan 2023 17:55
 Operator : JC\MD
 Sample : 01190-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-1-17-23

Quant Time: Jan 18 00:56:37 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)

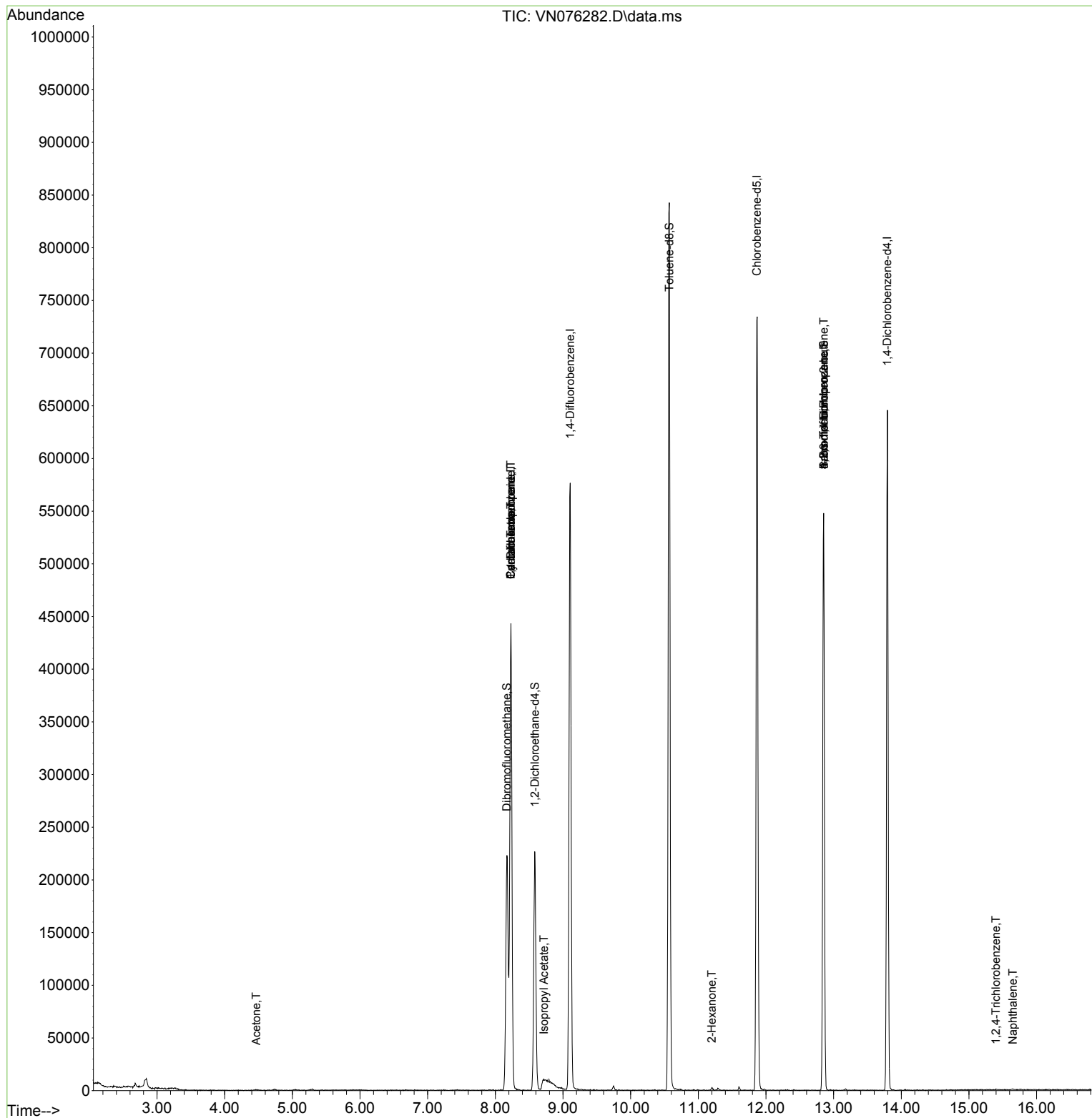
Internal Standards						
1) Pentafluorobenzene	8.230	168	331727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	535770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	180466	48.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	8.171	113	158862	47.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	10.571	98	608159	49.135	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.260%		
62) 4-Bromofluorobenzene	12.853	95	182163	45.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.160%		
Target Compounds			Qvalue			
16) Acetone	4.465	43	800	0.599	ug/l	91
20) Methylene Chloride	5.295	84	541	Below Cal	#	58
31) Cyclohexane	8.230	56	6533	1.145	ug/l #	11
36) 1,1-Dichloropropene	8.230	75	24517	5.148	ug/l #	51
38) Carbon Tetrachloride	8.230	117	34028	6.407	ug/l #	15
43) Isopropyl Acetate	8.718	43	8308	1.337	ug/l #	51
59) 2-Hexanone	11.200	43	631	0.239	ug/l #	21
71) Bromoform	12.853	173	1367	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	94193	28.390	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	94193	87.295	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.400	180	334	1.408	ug/l #	25
95) Naphthalene	15.647	128	1240	1.967	ug/l #	69

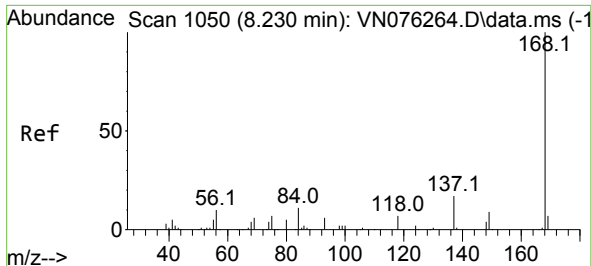
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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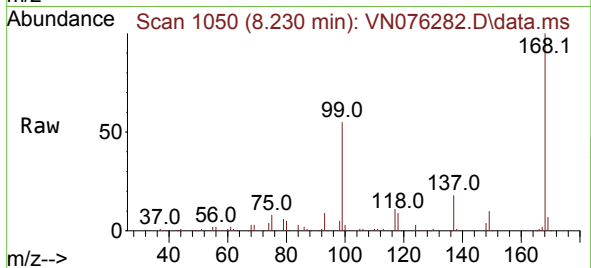
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
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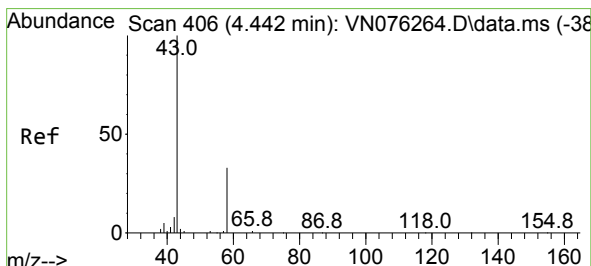
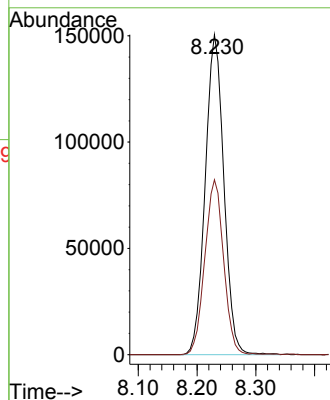
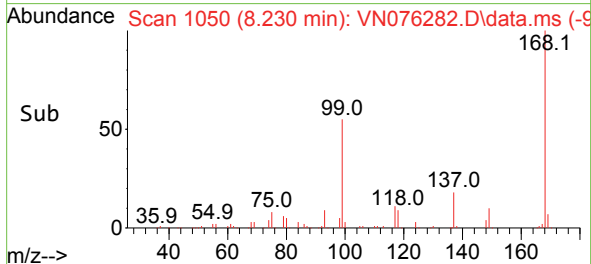


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
TB-1-17-23

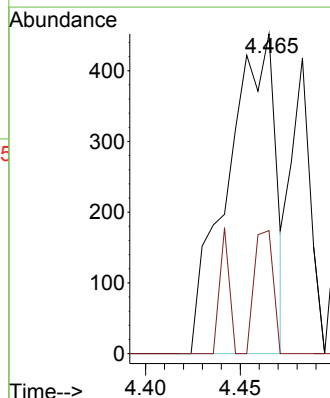
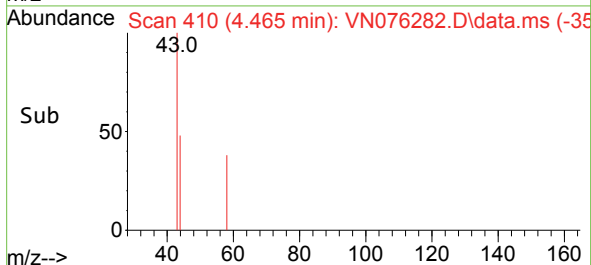
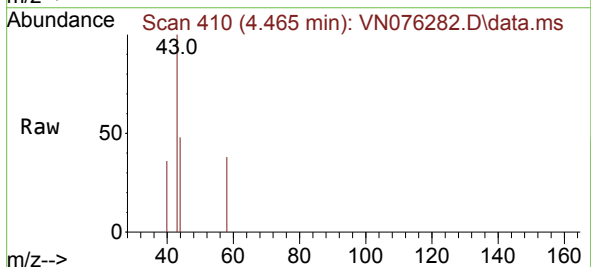


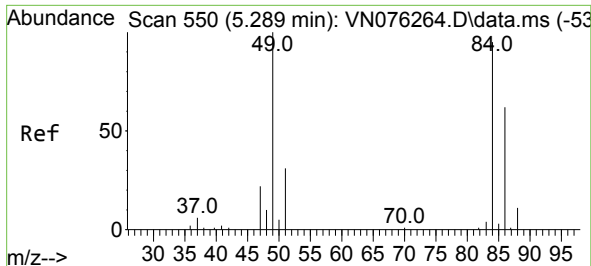
Tgt Ion:168 Resp: 331727
Ion Ratio Lower Upper
168 100
99 54.6 41.6 62.4



#16
Acetone
Concen: 0.599 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

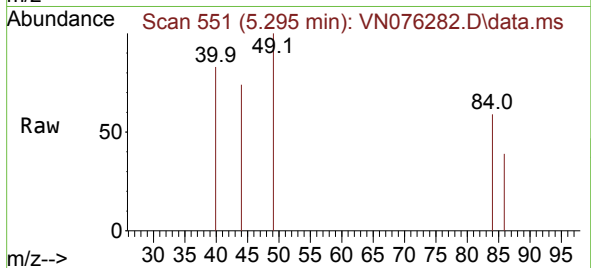
Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
58 38.5 26.7 40.1



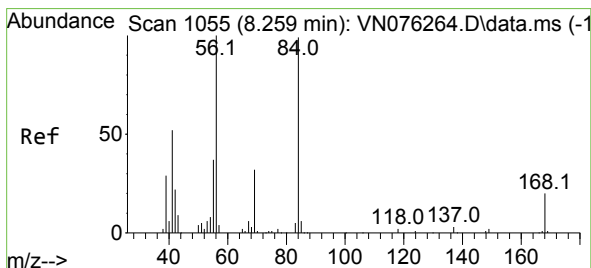
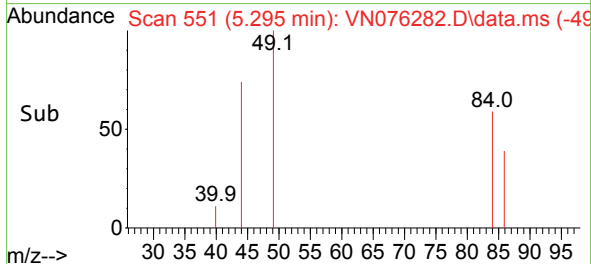
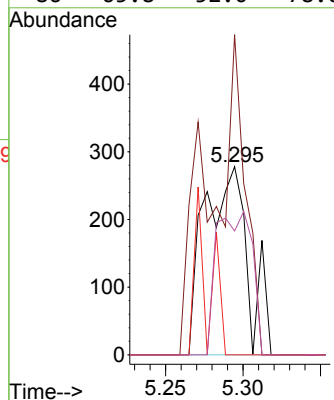


#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
TB-1-17-23

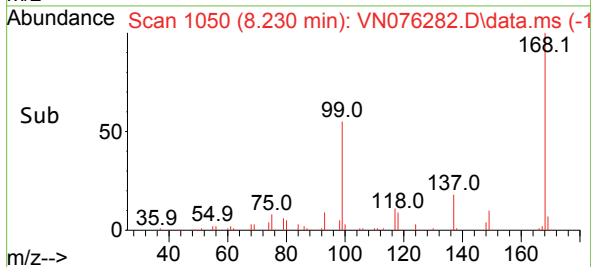
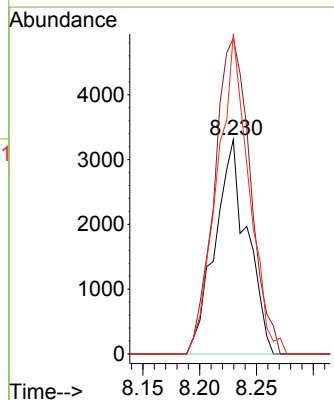
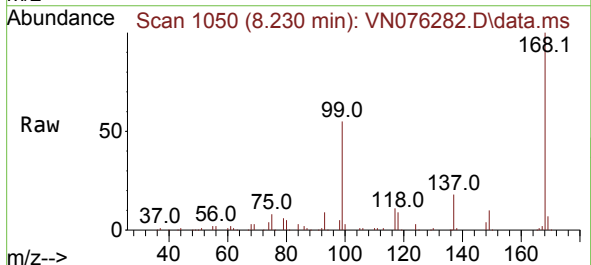


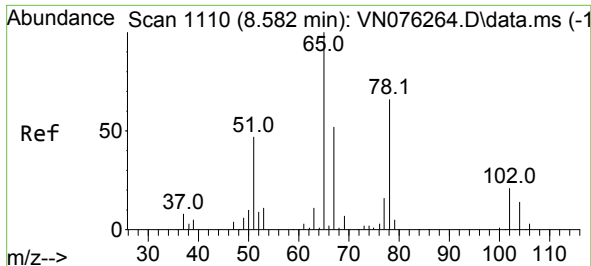
Tgt Ion:	84	Resp:	541
Ion	Ratio	Lower	Upper
84	100		
49	170.1	84.5	126.7#
51	0.0	26.0	39.0#
86	65.8	52.0	78.0



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

Tgt Ion:	56	Resp:	6533
Ion	Ratio	Lower	Upper
56	100		
69	147.2	25.8	38.8#
84	149.2	79.0	118.4#





#33

1,2-Dichloroethane-d4

Concen: 48.587 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076282.D

Acq: 17 Jan 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

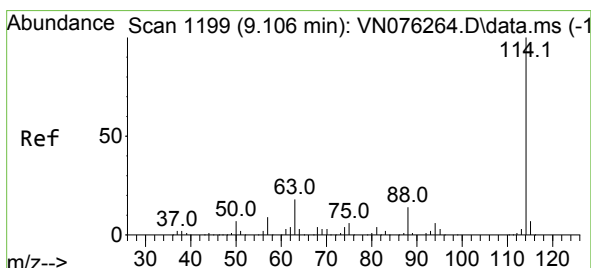
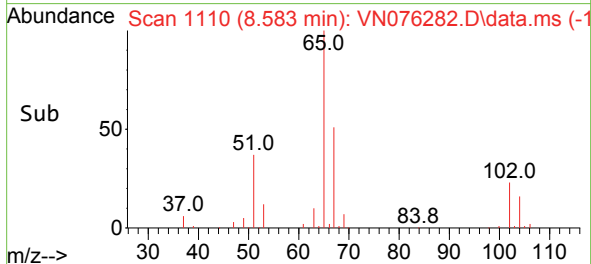
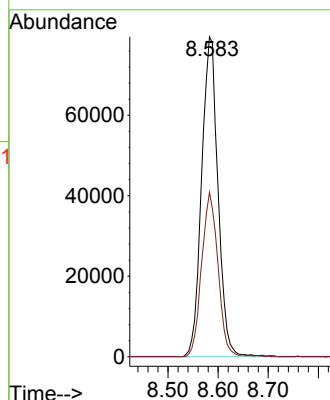
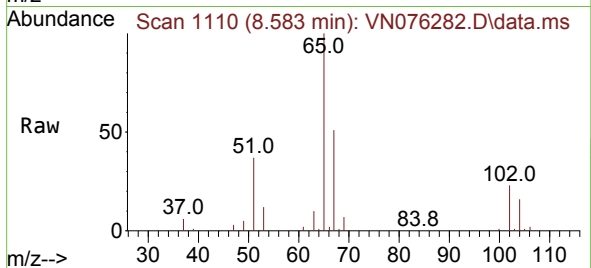
TB-1-17-23

Tgt Ion: 65 Resp: 180466

Ion Ratio Lower Upper

65 100

67 51.2 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: VN076282.D

Acq: 17 Jan 2023 17:55

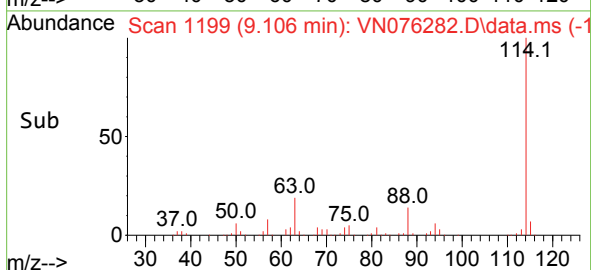
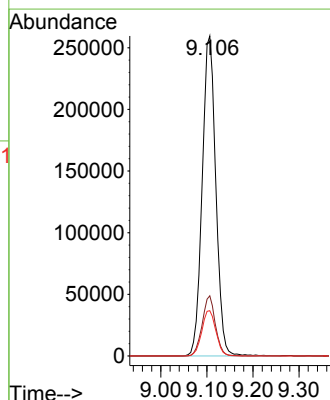
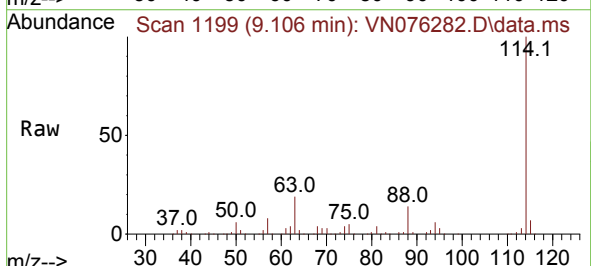
Tgt Ion: 114 Resp: 535770

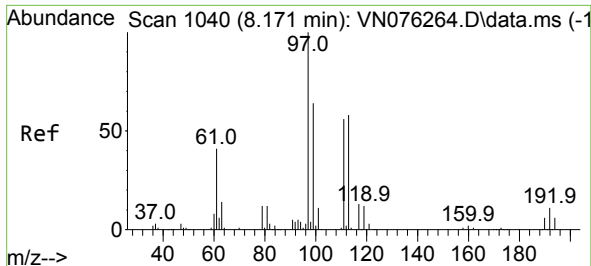
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.8

88 14.2 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.401 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076282.D

Acq: 17 Jan 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

TB-1-17-23

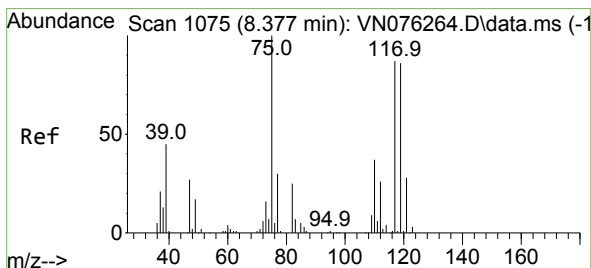
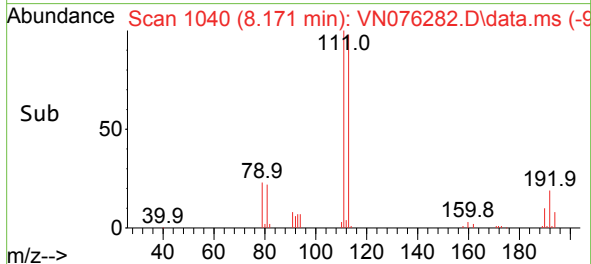
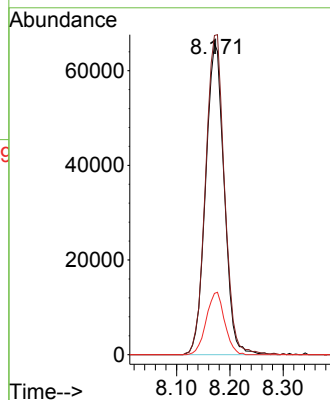
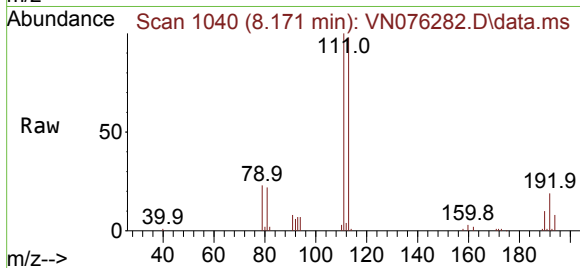
Tgt Ion:113 Resp: 158862

Ion Ratio Lower Upper

113 100

111 105.0 82.7 124.1

192 19.9 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076282.D

Acq: 17 Jan 2023 17:55

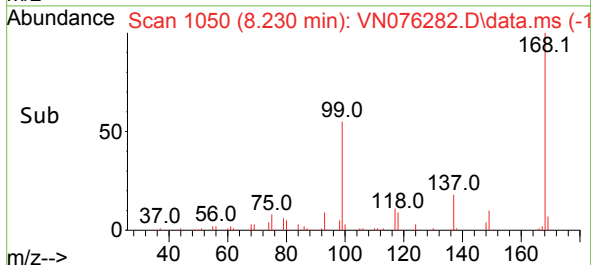
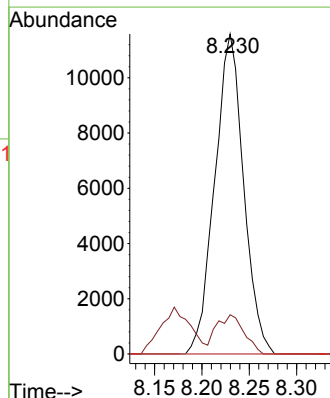
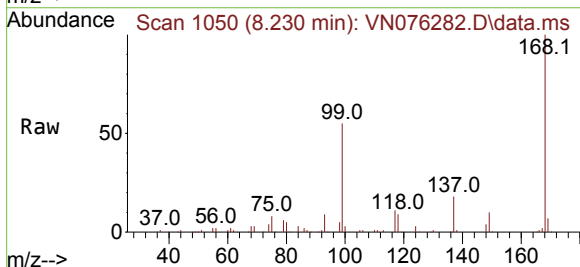
Tgt Ion: 75 Resp: 24517

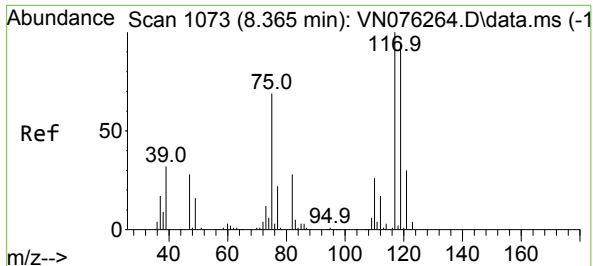
Ion Ratio Lower Upper

75 100

110 11.7 18.8 56.3#

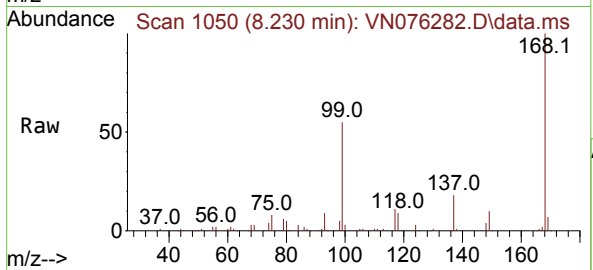
77 0.0 25.0 37.4#



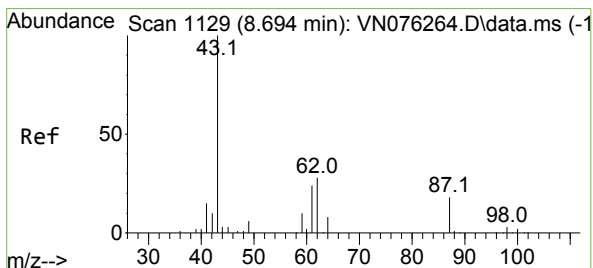
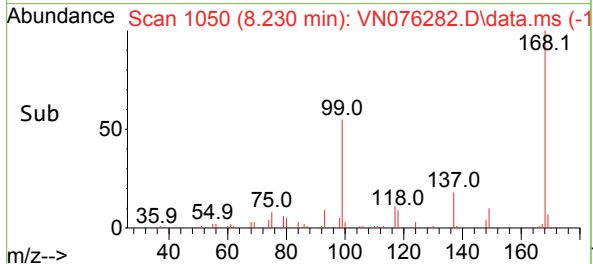
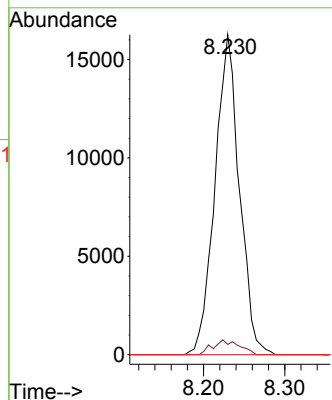


#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
TB-1-17-23

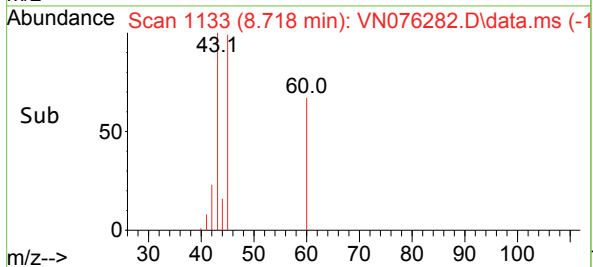
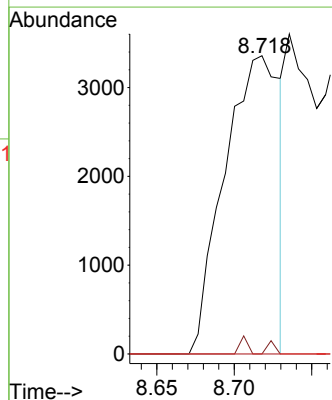
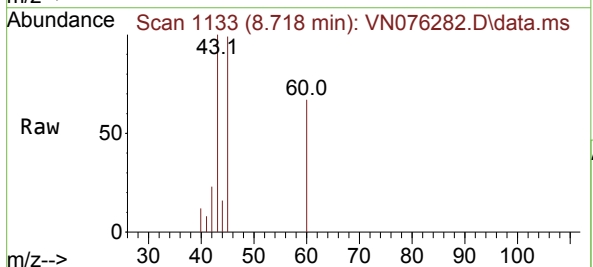


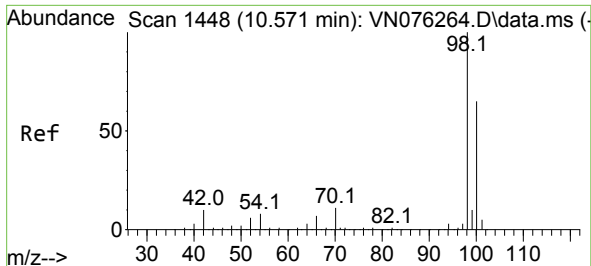
Tgt Ion:117 Resp: 34028
Ion Ratio Lower Upper
117 100
119 3.2 75.4 113.0#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 1.337 ug/l
RT: 8.718 min Scan# 1133
Delta R.T. 0.024 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

Tgt Ion: 43 Resp: 8308
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#

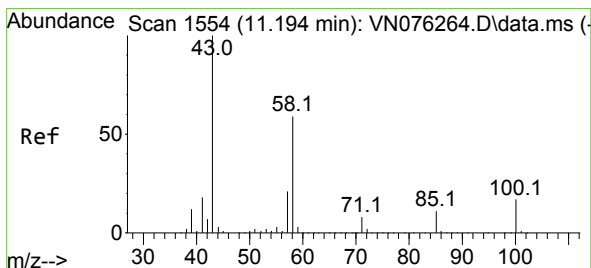
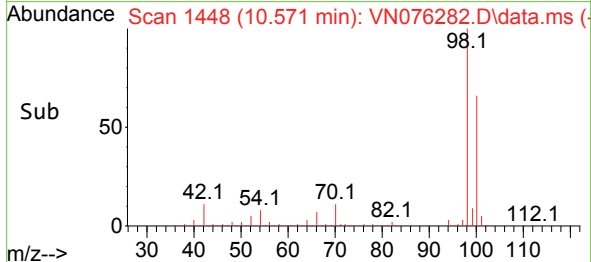
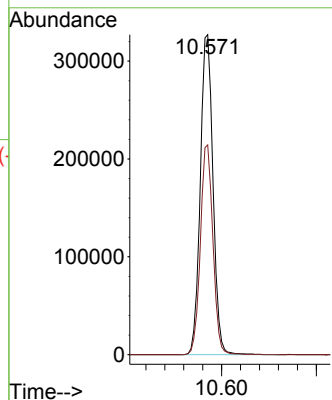
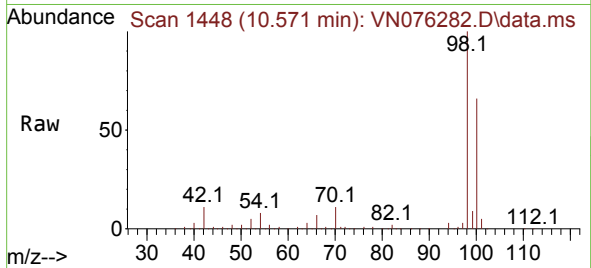




#50
Toluene-d8
Concen: 49.135 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

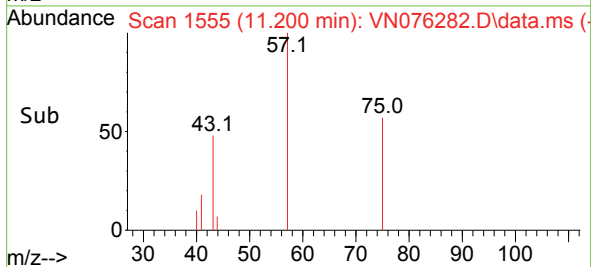
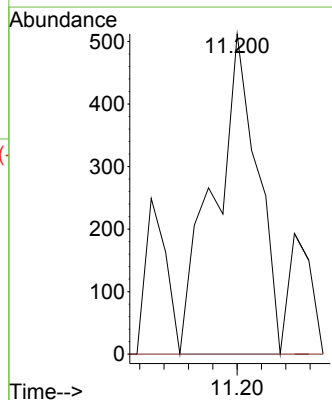
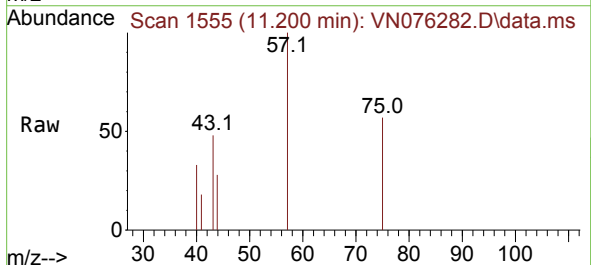
Instrument :
MSVOA_N
ClientSampleId :
TB-1-17-23

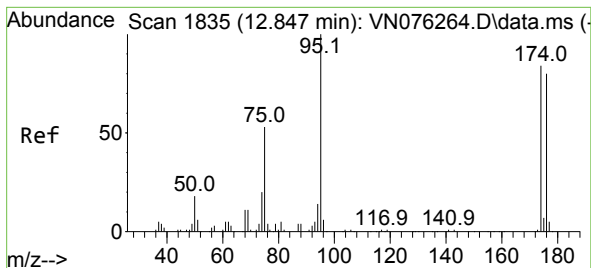
Tgt Ion: 98 Resp: 608159
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#59
2-Hexanone
Concen: 0.239 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 0.0 30.1 90.3#





#62

4-Bromofluorobenzene

Concen: 45.083 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076282.D

Acq: 17 Jan 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

TB-1-17-23

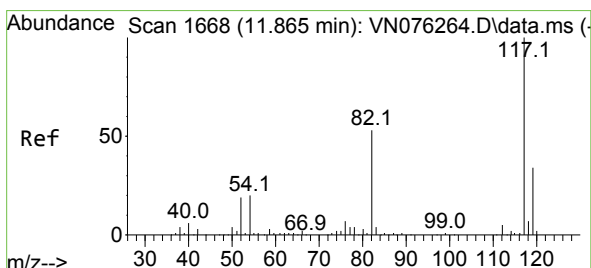
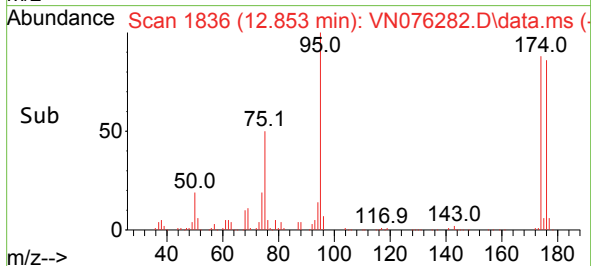
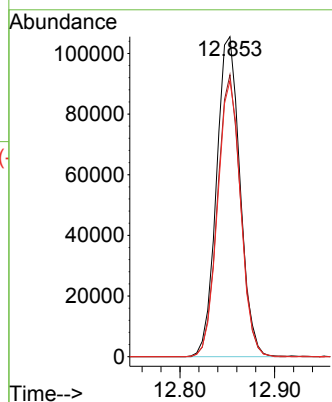
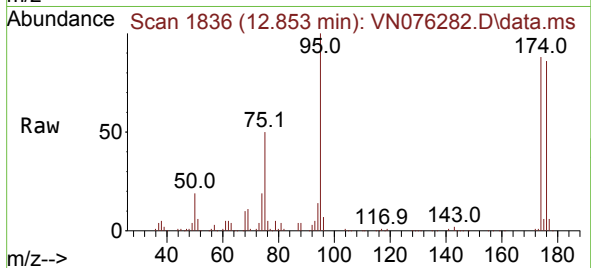
Tgt Ion: 95 Resp: 182163

Ion Ratio Lower Upper

95 100

174 86.3 0.0 174.6

176 84.5 0.0 167.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN076282.D

Acq: 17 Jan 2023 17:55

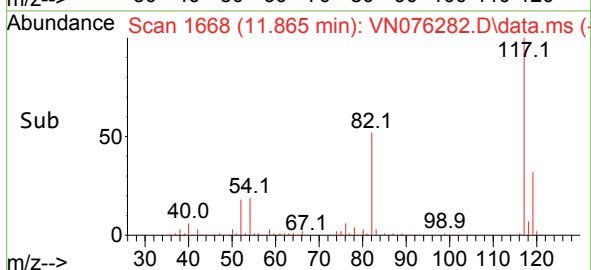
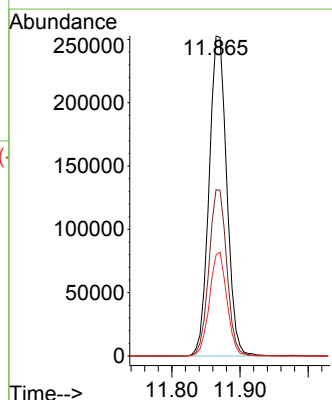
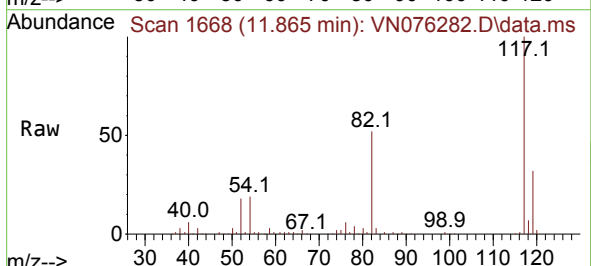
Tgt Ion: 117 Resp: 455494

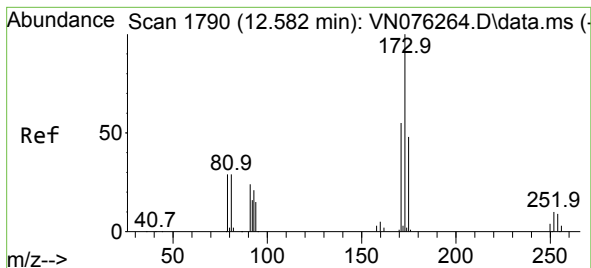
Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.2

119 31.5 26.9 40.3





#71

Bromoform

Concen: 0.528 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076282.D

Acq: 17 Jan 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

TB-1-17-23

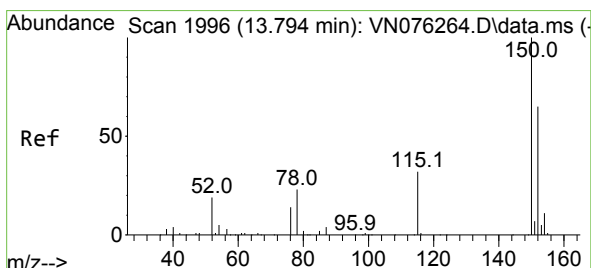
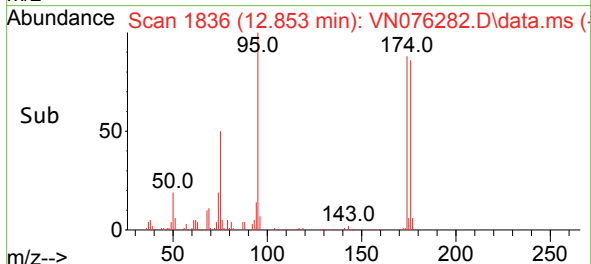
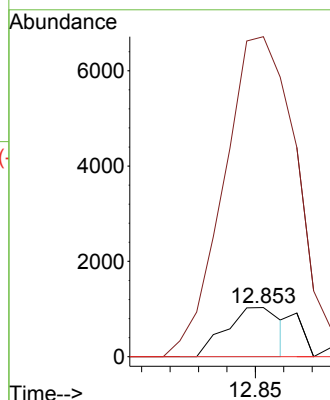
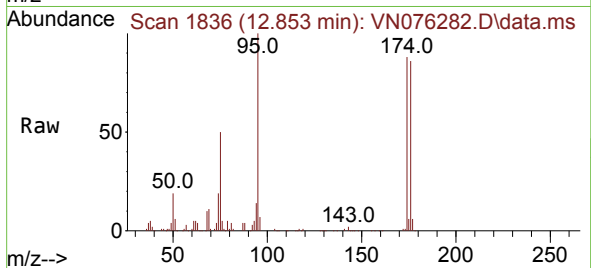
Tgt Ion:173 Resp: 1367

Ion Ratio Lower Upper

173 100

175 706.6 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: VN076282.D

Acq: 17 Jan 2023 17:55

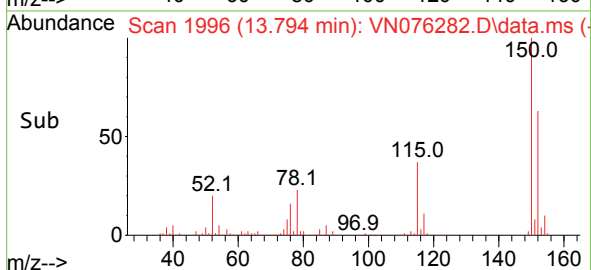
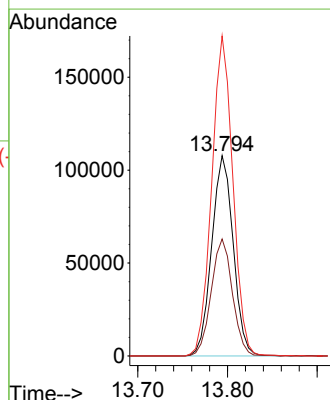
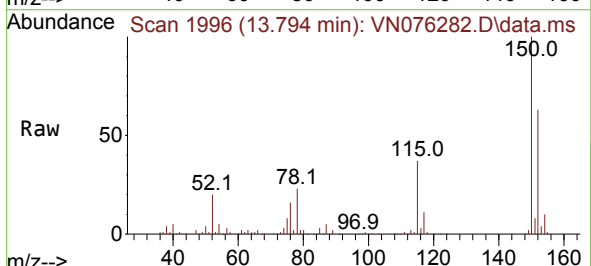
Tgt Ion:152 Resp: 179530

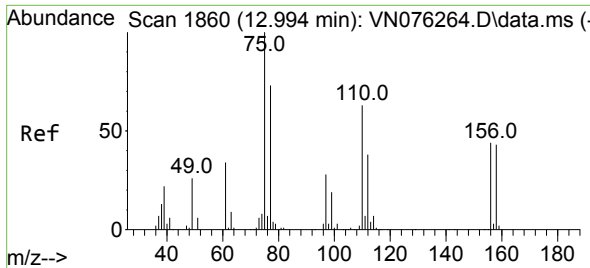
Ion Ratio Lower Upper

152 100

115 57.6 29.6 88.9

150 156.9 0.0 351.4

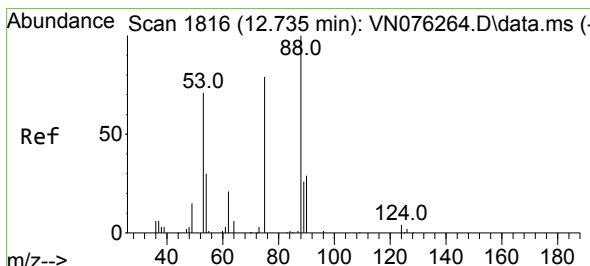
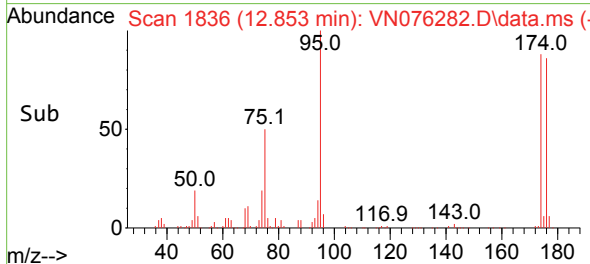
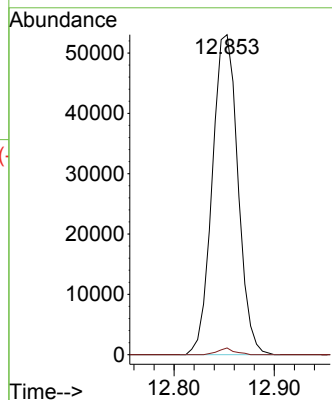
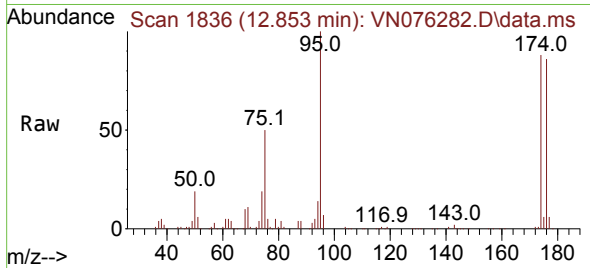




#76
1,2,3-Trichloropropane
Concen: 28.390 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

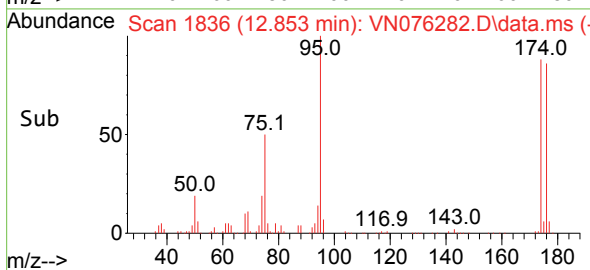
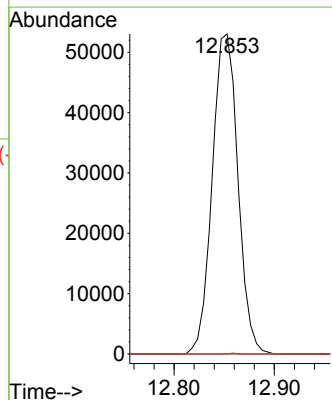
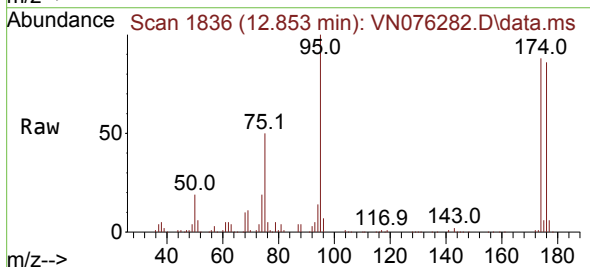
Instrument :
MSVOA_N
ClientSampleId :
TB-1-17-23

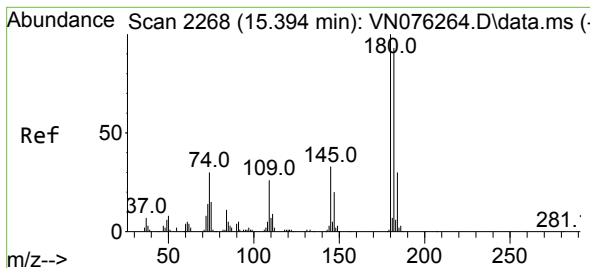
Tgt Ion: 75 Resp: 94193
Ion Ratio Lower Upper
75 100
77 1.3 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.295 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076282.D
Acq: 17 Jan 2023 17:55

Tgt Ion: 75 Resp: 94193
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.1 37.0 55.6#





#93

1,2,4-Trichlorobenzene

Concen: 1.408 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076282.D

Acq: 17 Jan 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

TB-1-17-23

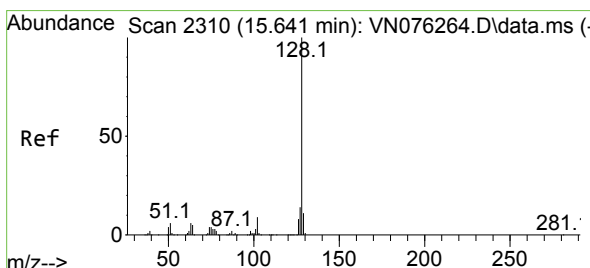
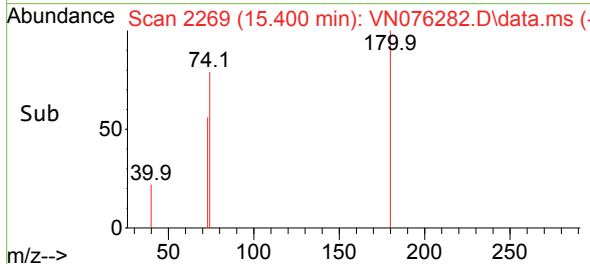
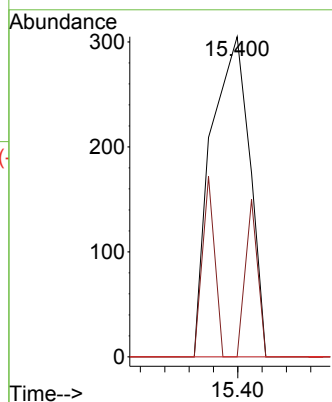
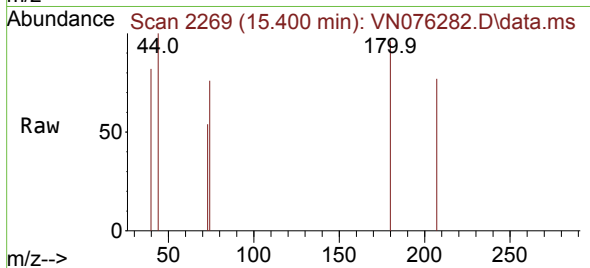
Tgt Ion:180 Resp: 334

Ion Ratio Lower Upper

180 100

182 15.9 47.0 141.2#

145 0.0 15.2 45.5#



#95

Naphthalene

Concen: 1.967 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076282.D

Acq: 17 Jan 2023 17:55

Tgt Ion:128 Resp: 1240

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

