

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077356.D
 Acq On : 17 Apr 2023 14:43
 Operator : JC\MD
 Sample : 02355-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20230413

Quant Time: Apr 18 04:41:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

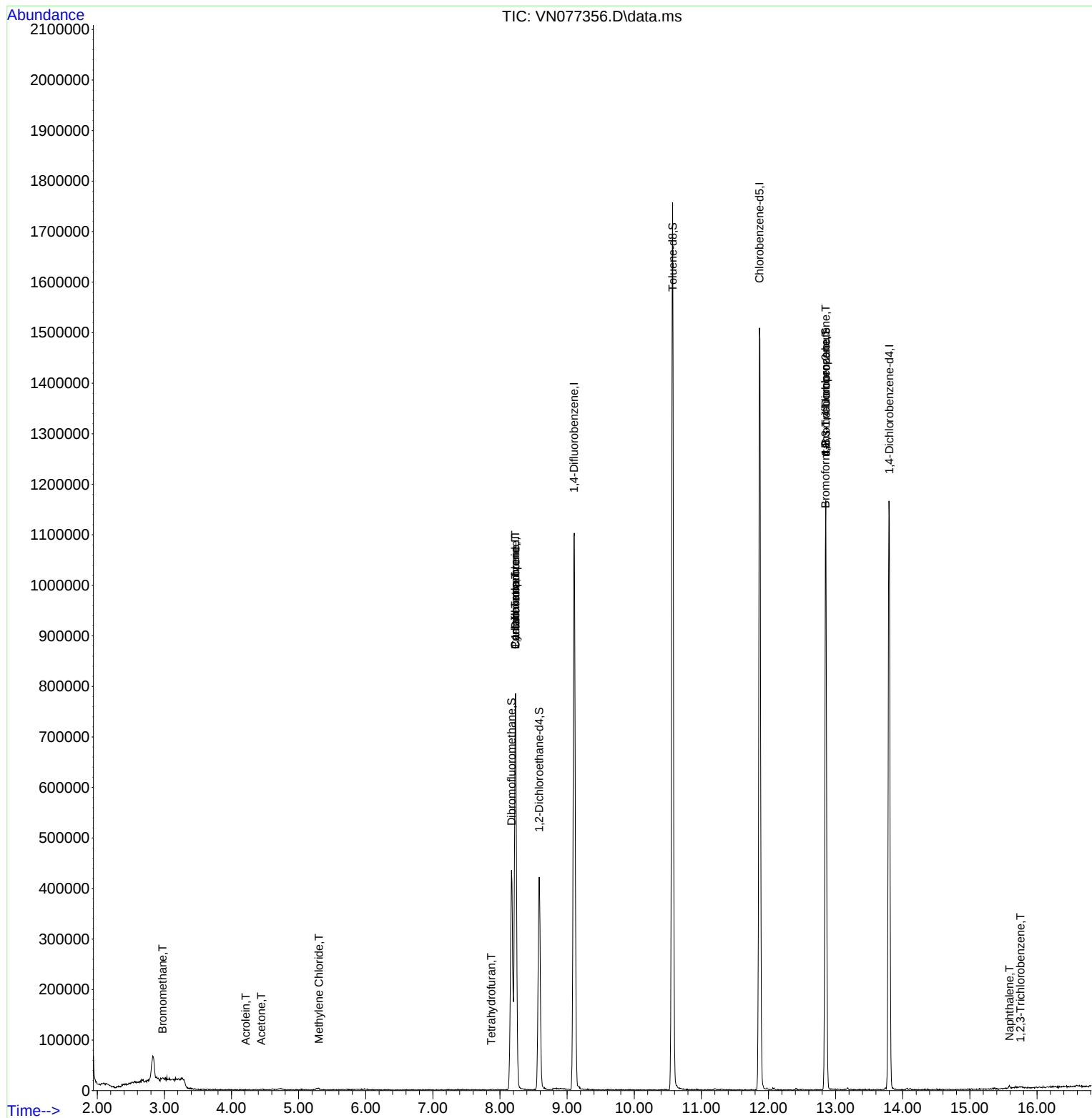
Internal Standards						
1) Pentafluorobenzene	8.230	168	550599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1033846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	926347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	324243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	327741	43.552	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.100%
35) Dibromofluoromethane	8.172	113	310934	46.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.960%
50) Toluene-d8	10.571	98	1265104	47.483	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.854	95	407777	46.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.040%
Target Compounds						
					Qvalue	
5) Bromomethane	2.972	94	3767	0.440	ug/l #	51
13) Acrolein	4.213	56	294	0.202	ug/l #	1
16) Acetone	4.442	43	996	0.359	ug/l #	39
20) Methylene Chloride	5.301	84	1915	0.244	ug/l #	85
29) Tetrahydrofuran	7.872	42	836	0.289	ug/l #	25
31) Cyclohexane	8.230	56	12958	1.108	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	45684	4.667	ug/l #	51
38) Carbon Tetrachloride	8.230	117	58317	5.815	ug/l #	15
71) Bromoform	12.848	173	1708	0.314	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	216274	28.011	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	216274	63.034	ug/l #	13
95) Naphthalene	15.589	128	4130	0.257	ug/l	97
96) 1,2,3-Trichlorobenzene	15.753	180	899	0.220	ug/l #	74

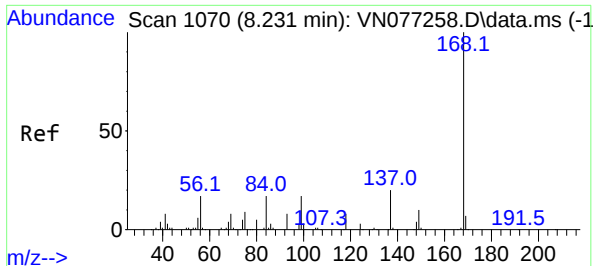
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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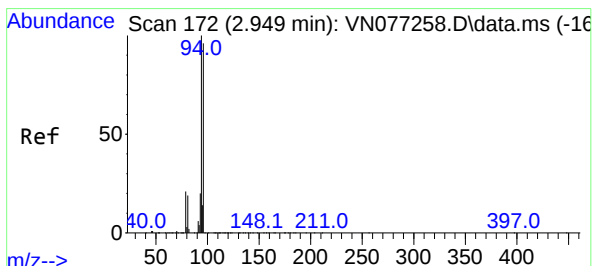
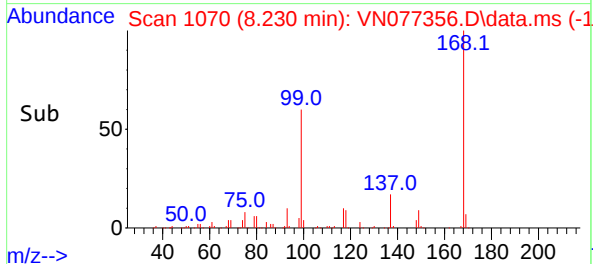
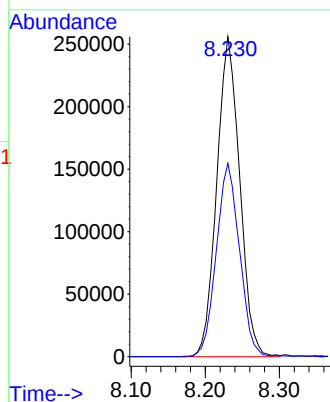
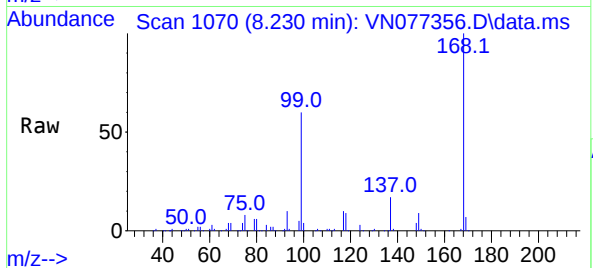




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

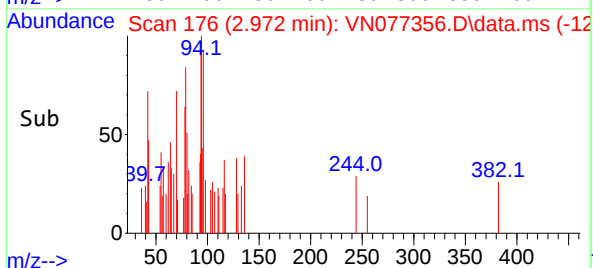
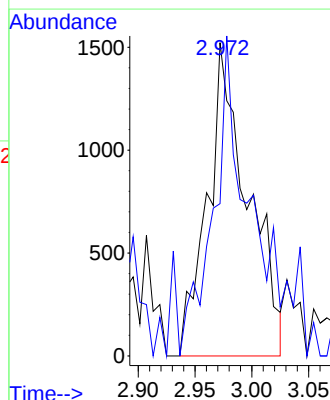
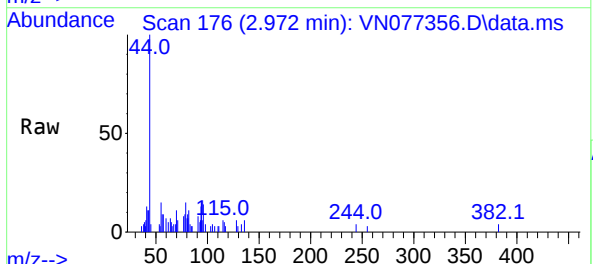
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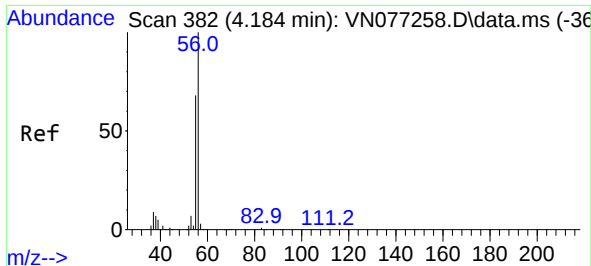
Tgt Ion:168 Resp: 550599
Ion Ratio Lower Upper
168 100
99 60.4 50.6 75.8



#5
Bromomethane
Concen: 0.440 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.023 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion: 94 Resp: 3767
Ion Ratio Lower Upper
94 100
96 48.6 77.0 115.4#

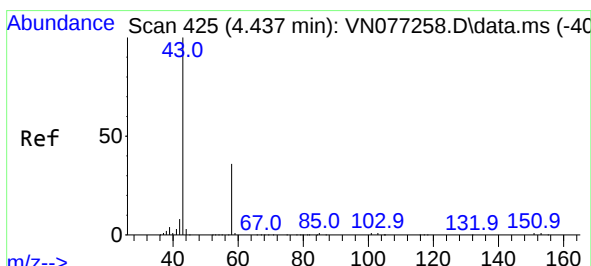
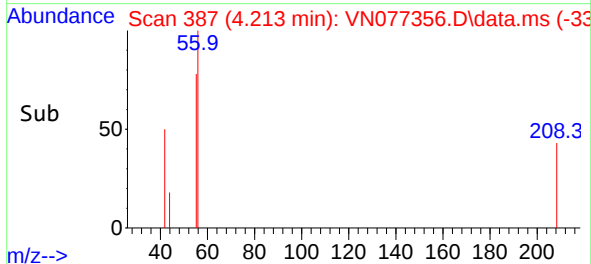
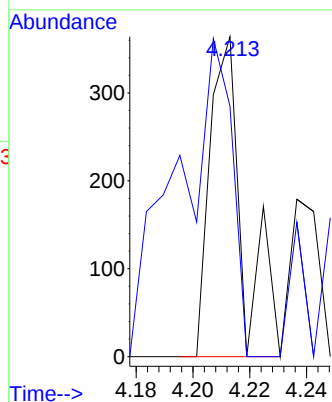
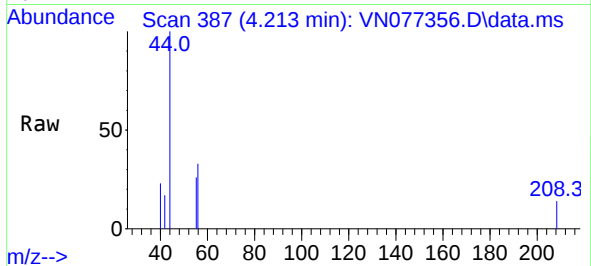




#13
Acrolein
Concen: 0.202 ug/l
RT: 4.213 min Scan# 387
Delta R.T. 0.029 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

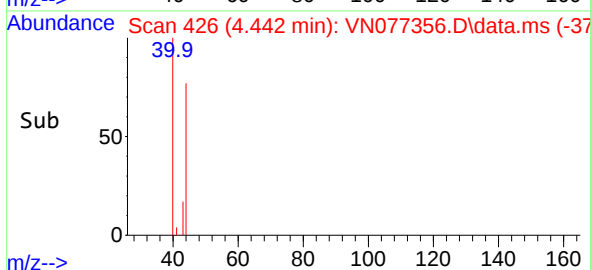
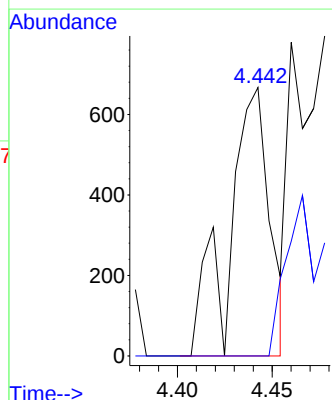
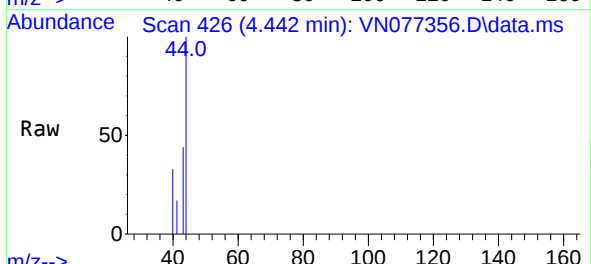
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230413

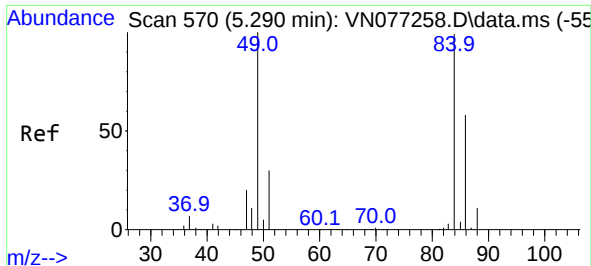
Tgt Ion: 56 Resp: 294
Ion Ratio Lower Upper
56 100
55 165.3 54.2 81.2#



#16
Acetone
Concen: 0.359 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

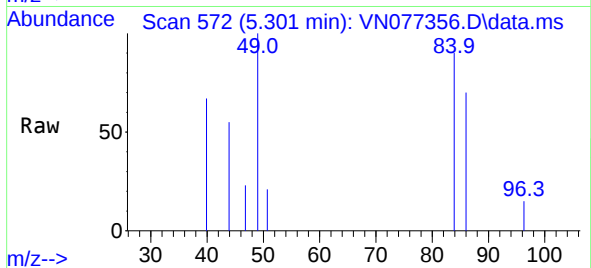
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#





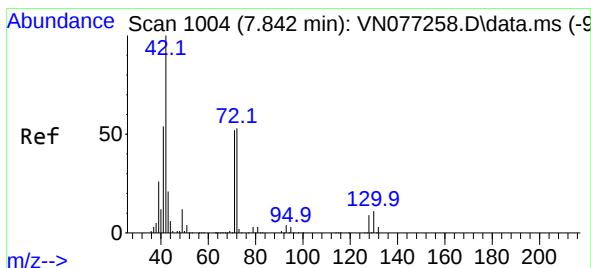
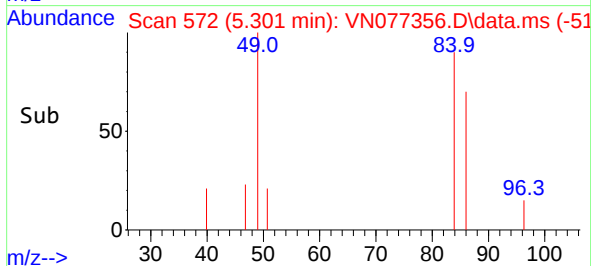
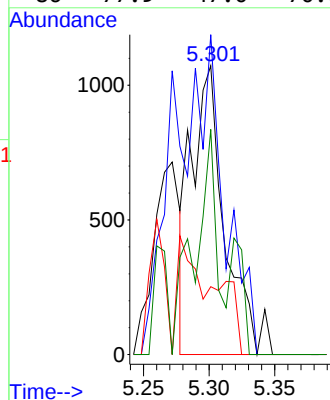
#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 5.301 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230413



Tgt Ion: 84 Resp: 1915

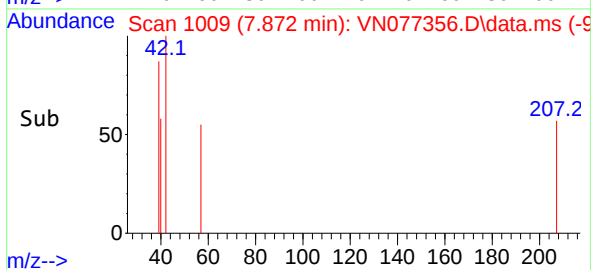
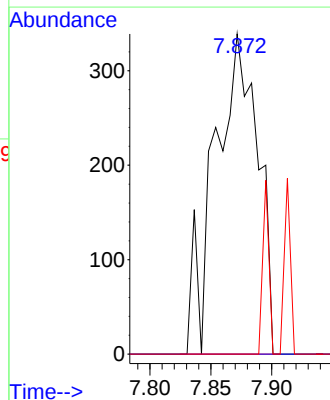
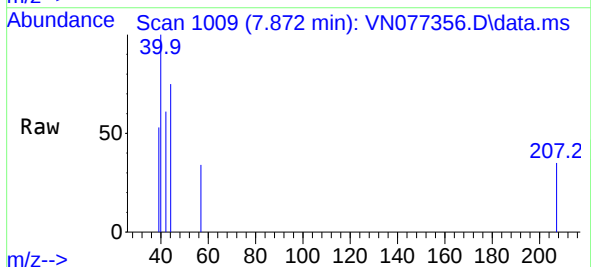
Ion	Ratio	Lower	Upper
84	100		
49	110.7	80.6	121.0
51	23.5	24.4	36.6#
86	77.9	47.0	70.6#

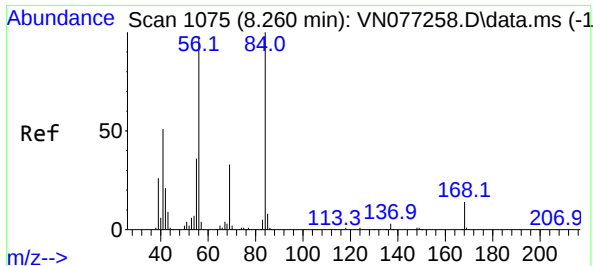


#29
Tetrahydrofuran
Concen: 0.289 ug/l
RT: 7.872 min Scan# 1009
Delta R.T. 0.030 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion: 42 Resp: 836

Ion	Ratio	Lower	Upper
42	100		
72	0.0	44.6	66.8#
71	0.0	41.3	61.9#

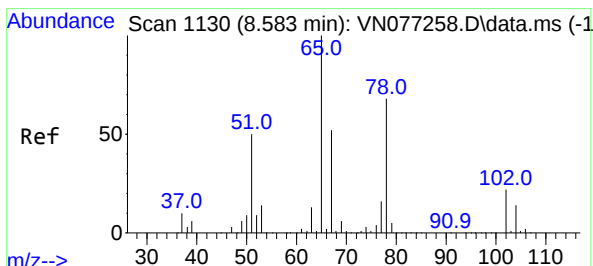
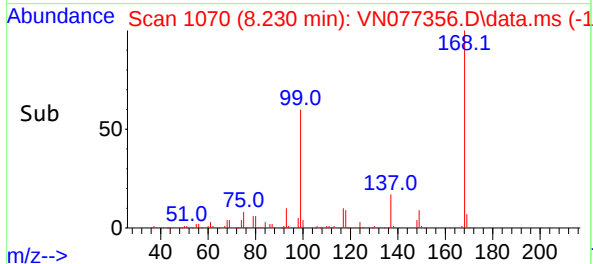
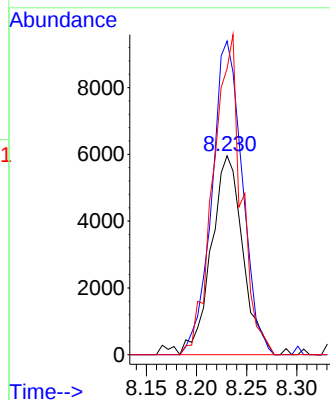
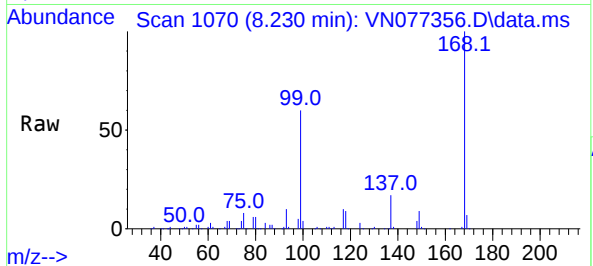




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.030 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

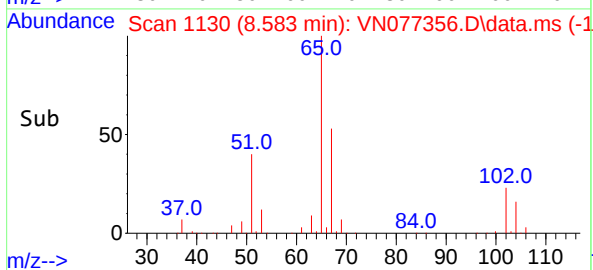
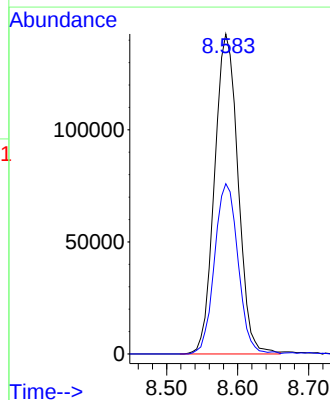
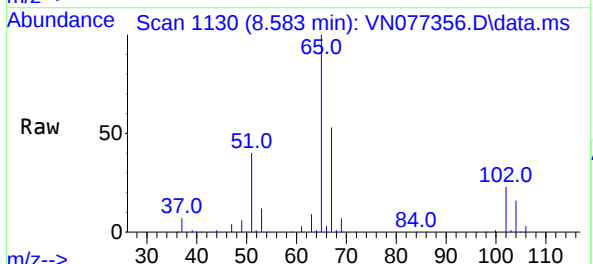
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230413

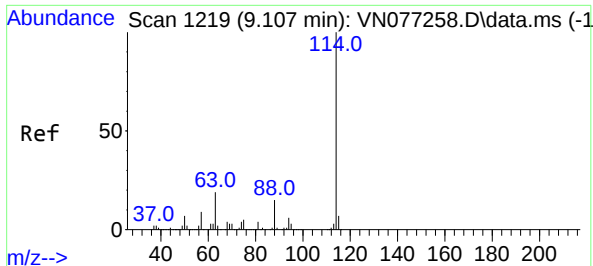
Tgt Ion: 56 Resp: 12958
Ion Ratio Lower Upper
56 100
69 157.7 26.6 40.0#
84 143.8 81.8 122.8#



#33
1,2-Dichloroethane-d4
Concen: 43.552 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion: 65 Resp: 327741
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077356.D

Acq: 17 Apr 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20230413

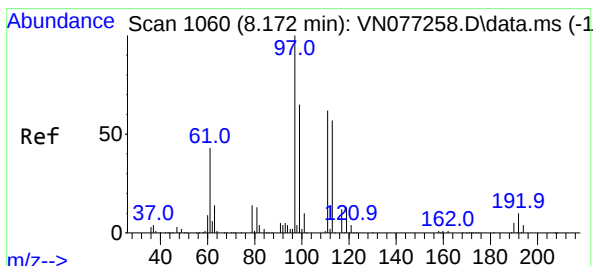
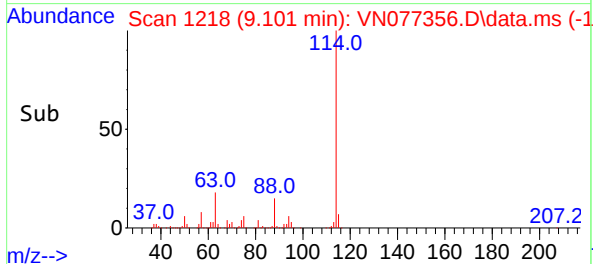
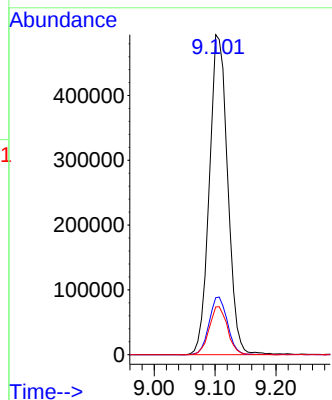
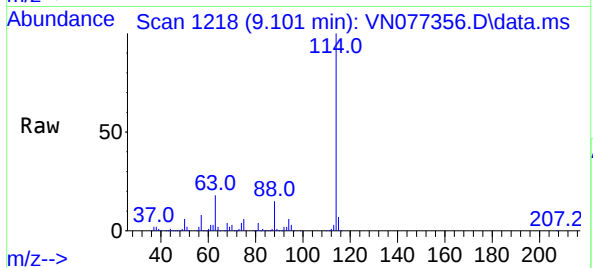
Tgt Ion:114 Resp: 1033846

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.8

88 14.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.980 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077356.D

Acq: 17 Apr 2023 14:43

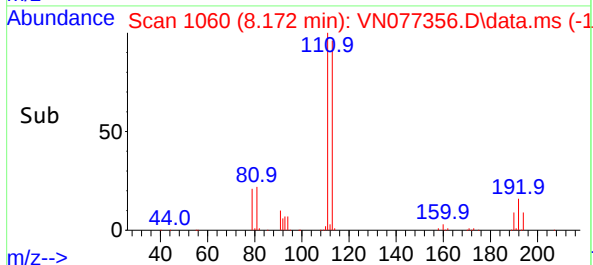
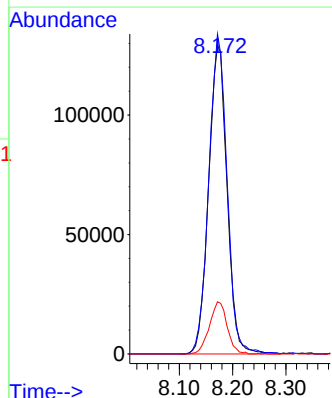
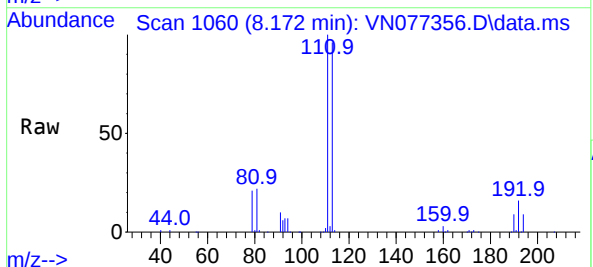
Tgt Ion:113 Resp: 310934

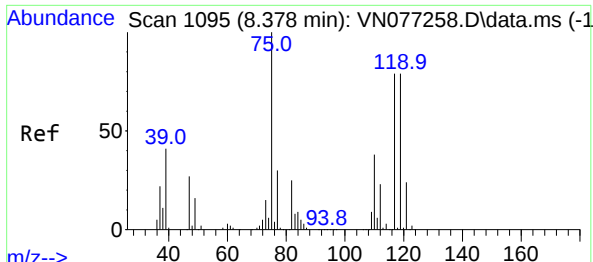
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

192 16.3 13.5 20.3

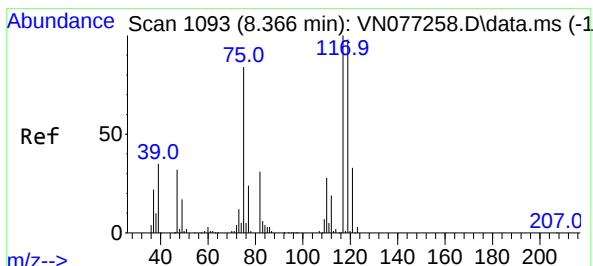
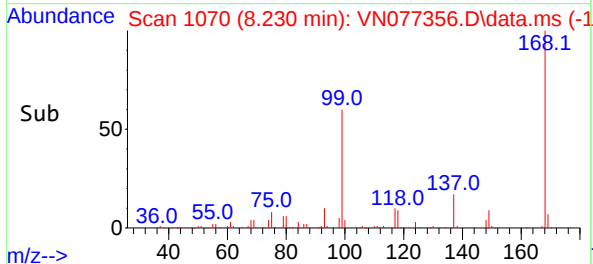
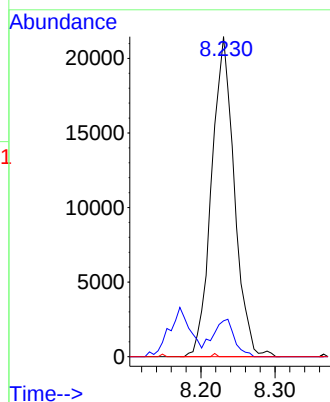
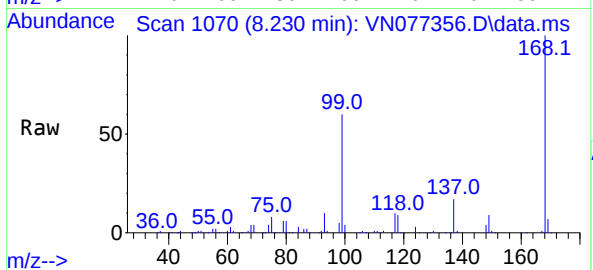




#36
1,1-Dichloropropene
Concen: 4.667 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.148 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

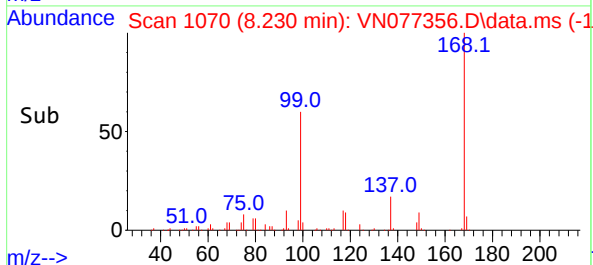
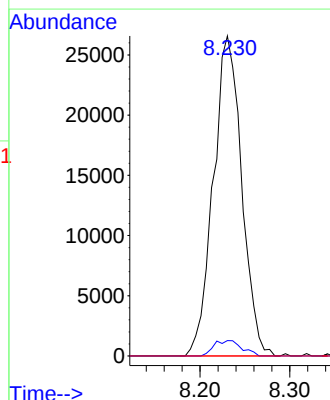
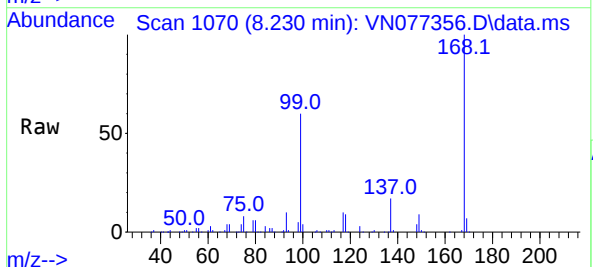
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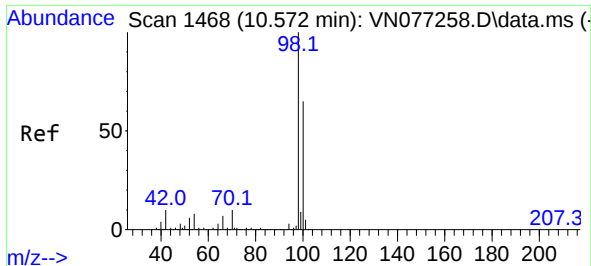
Tgt Ion: 75 Resp: 45684
Ion Ratio Lower Upper
75 100
110 11.2 17.8 53.5#
77 0.2 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.136 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion: 117 Resp: 58317
Ion Ratio Lower Upper
117 100
119 4.8 78.5 117.7#
121 0.0 26.6 40.0#

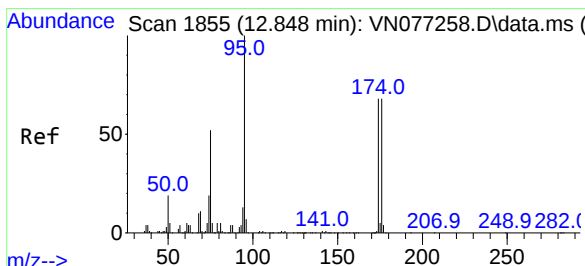
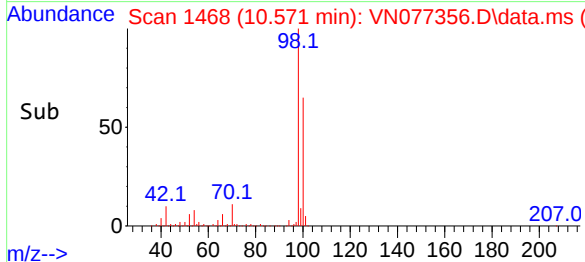
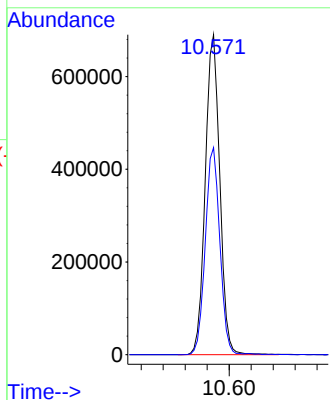
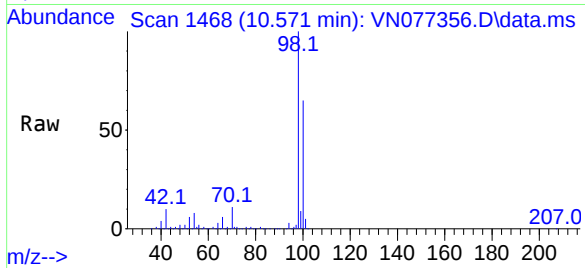




#50
Toluene-d8
Concen: 47.483 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

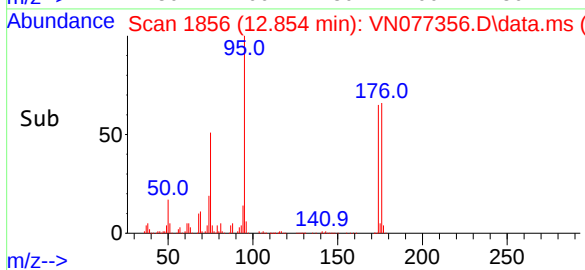
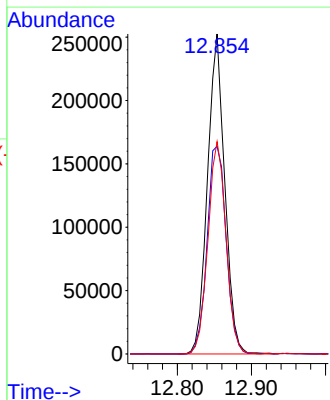
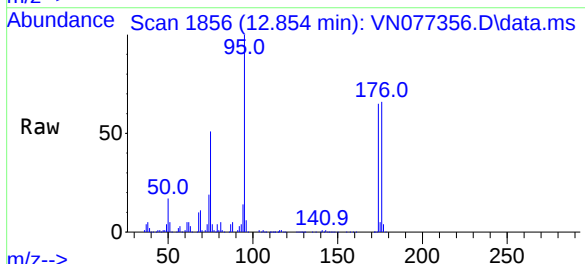
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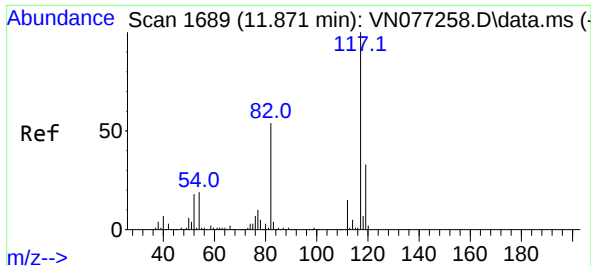
Tgt Ion: 98 Resp: 1265104
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 46.018 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion: 95 Resp: 407777
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.8
176 69.3 0.0 139.6

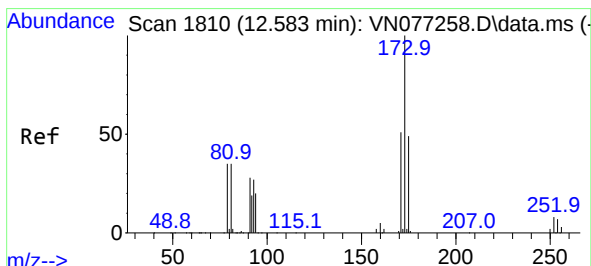
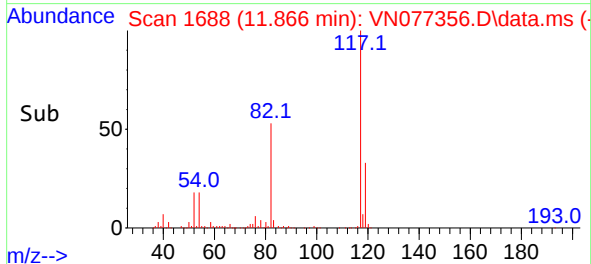
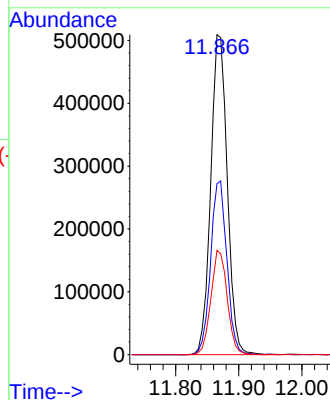
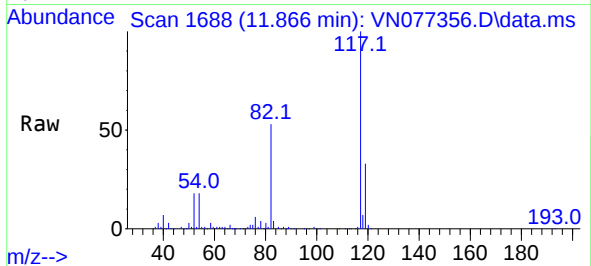




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

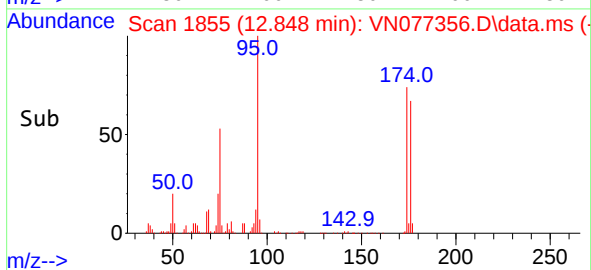
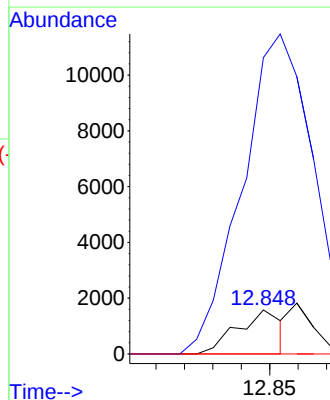
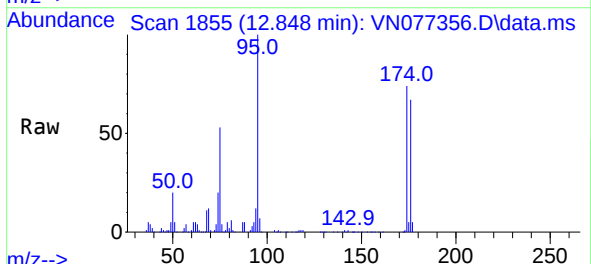
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230413

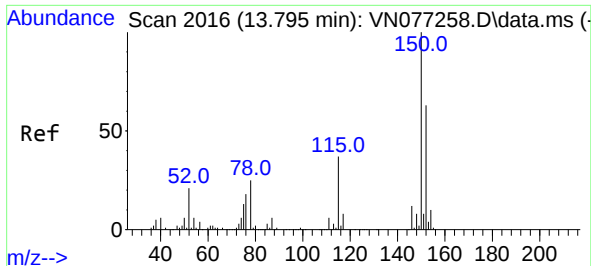
Tgt Ion:117 Resp: 926347
Ion Ratio Lower Upper
117 100
82 53.4 42.9 64.3
119 32.6 26.2 39.4



#71
Bromoform
Concen: 0.314 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion:173 Resp: 1708
Ion Ratio Lower Upper
173 100
175 938.1 24.1 72.4#
254 0.0 0.1 0.1#

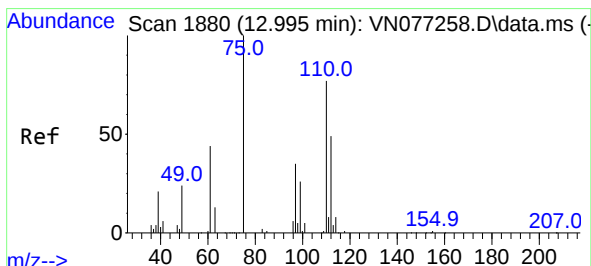
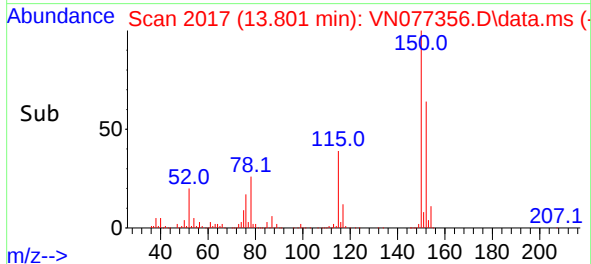
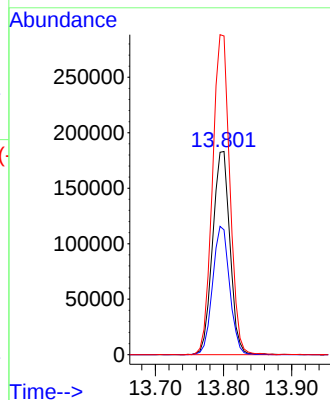
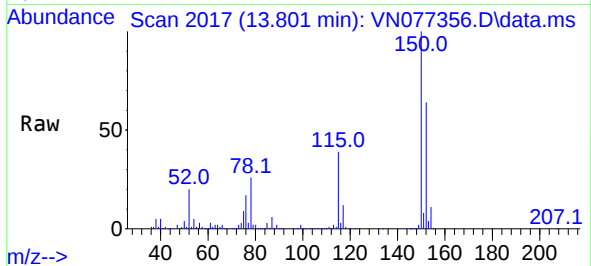




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

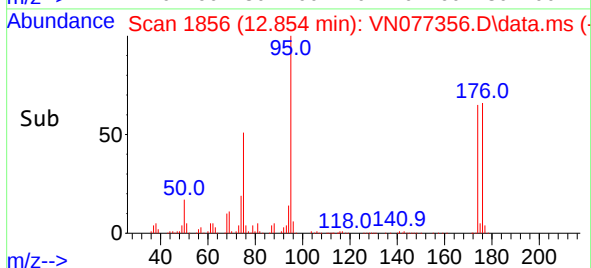
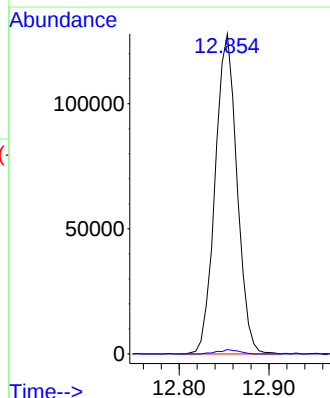
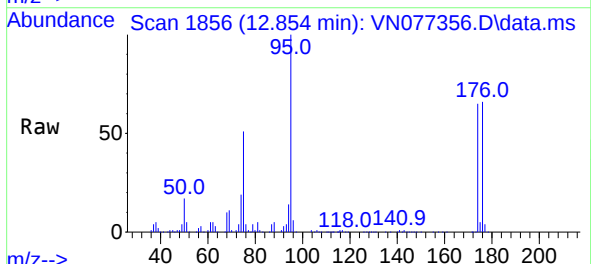
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230413

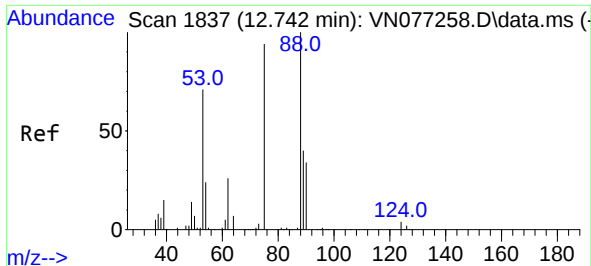
Tgt Ion:152 Resp: 324243
Ion Ratio Lower Upper
152 100
115 62.0 32.1 96.3
150 157.5 0.0 354.8



#76
1,2,3-Trichloropropane
Concen: 28.011 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

Tgt Ion: 75 Resp: 216274
Ion Ratio Lower Upper
75 100
77 1.3 88.3 264.9#

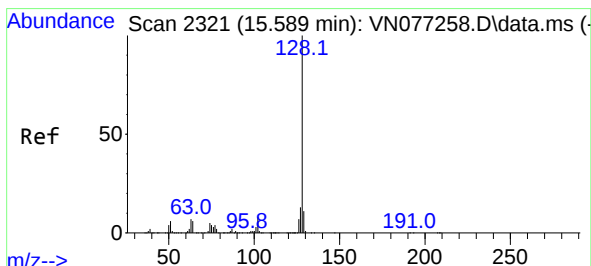
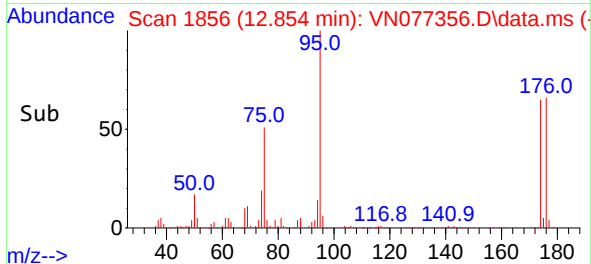
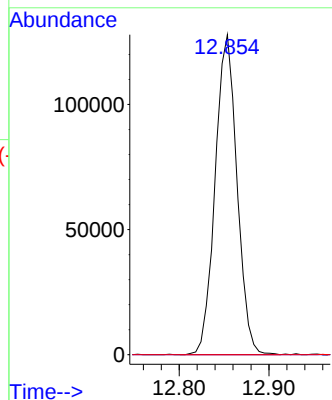
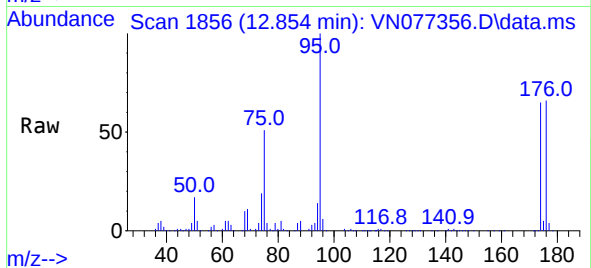




#81
trans-1,4-Dichloro-2-butene
Concen: 63.034 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

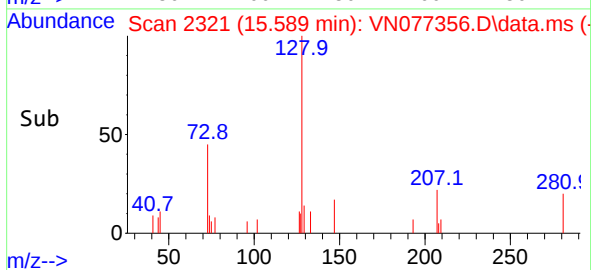
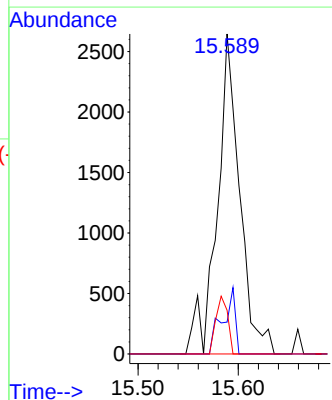
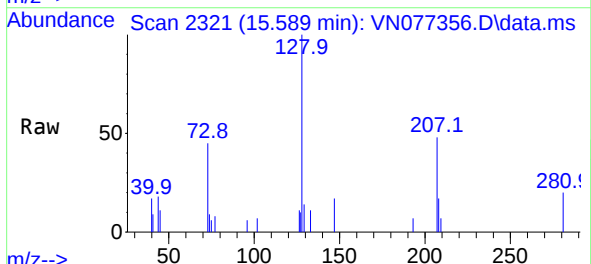
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20230413

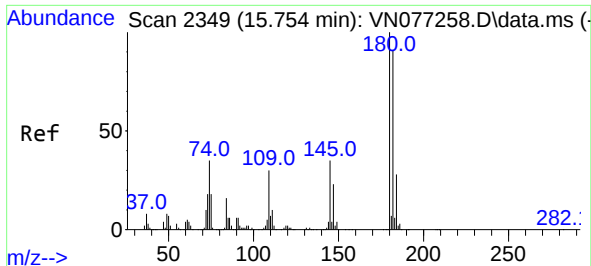
Tgt Ion: 75 Resp: 216274
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#



#95
Naphthalene
Concen: 0.257 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077356.D
Acq: 17 Apr 2023 14:43

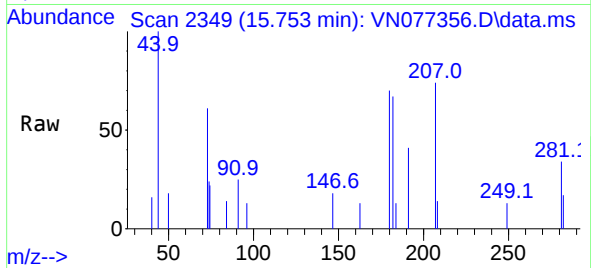
Tgt Ion:128 Resp: 4130
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.4
129 9.5 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.220 ug/l
 RT: 15.753 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN077356.D
 Acq: 17 Apr 2023 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20230413



Tgt Ion:	180	Resp:	899
Ion	Ratio	Lower	Upper
180	100		
182	76.1	46.9	140.8
145	8.0	17.6	52.8#

