

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073375.D
 Acq On : 07 Jul 2022 16:46
 Operator : JC\MD
 Sample : N3620-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20220706

Quant Time: Jul 08 03:02:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	6057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.910	114	9773	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.686	117	8610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	5736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	5014	57.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.680%	
35) Dibromofluoromethane	7.951	113	3782	58.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.340%	
50) Toluene-d8	10.381	98	10401	45.039	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.080%	
62) 4-Bromofluorobenzene	12.675	95	4556	51.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.680%	

Target Compounds			Qvalue			
3) Chloromethane	2.263	50	368	4.280	ug/l #	43
5) Bromomethane	2.763	94	54	1.565	ug/l #	2
6) Chloroethane	2.975	64	1211	28.182	ug/l #	42
11) Tert butyl alcohol	5.293	59	8330	393.263	ug/l #	89
12) 1,1-Dichloroethene	3.999	96	66	0.926	ug/l #	1
13) Acrolein	4.075	56	58	4.332	ug/l #	16
14) Allyl chloride	4.740	41	1826	12.156	ug/l #	33
16) Acetone	4.228	43	18200	370.814	ug/l	96
17) Carbon Disulfide	4.434	76	54	0.292	ug/l #	75
18) Methyl Acetate	4.799	43	1010	7.343	ug/l #	62
20) Methylene Chloride	5.010	84	407	4.719	ug/l #	82
25) 2-Butanone	7.287	43	5191	66.430	ug/l #	70
29) Tetrahydrofuran	7.663	42	54	1.009	ug/l #	29
30) Chloroform	7.751	83	1240	8.488	ug/l #	59
31) Cyclohexane	8.022	56	66	0.461	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	568	5.677	ug/l #	41
37) Ethyl Acetate	7.287	43	5191	34.339	ug/l #	67
38) Carbon Tetrachloride	8.016	117	579	5.596	ug/l #	12
40) Benzene	8.387	78	581	1.882	ug/l #	51
43) Isopropyl Acetate	8.322	43	59	0.272	ug/l #	53
47) Bromodichloromethane	9.698	83	203	1.961	ug/l #	26
48) Methyl methacrylate	9.481	41	1579	15.697	ug/l #	32
51) 4-Methyl-2-Pentanone	10.269	43	3930	28.525	ug/l #	80
52) Toluene	10.445	92	4425	23.190	ug/l	96
59) 2-Hexanone	11.028	43	958	9.122	ug/l #	57
60) Dibromochloromethane	11.181	129	66	0.881	ug/l #	11
67) Ethyl Benzene	11.780	91	1857	5.253	ug/l #	78
68) m/p-Xylenes	11.886	106	1915	14.353	ug/l	97
69) o-Xylene	12.222	106	1377	10.110	ug/l	73
70) Styrene	12.233	104	361	1.717	ug/l #	64
71) Bromoform	12.363	173	57	1.088	ug/l #	28
73) Isopropylbenzene	12.516	105	322	0.650	ug/l #	48
74) N-amyl acetate	12.327	43	60	0.242	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.780	83	77	0.468	ug/l #	25
76) 1,2,3-Trichloropropane	12.675	75	2045	13.635	ug/l #	1
77) Bromobenzene	12.722	156	224	1.945	ug/l #	1

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

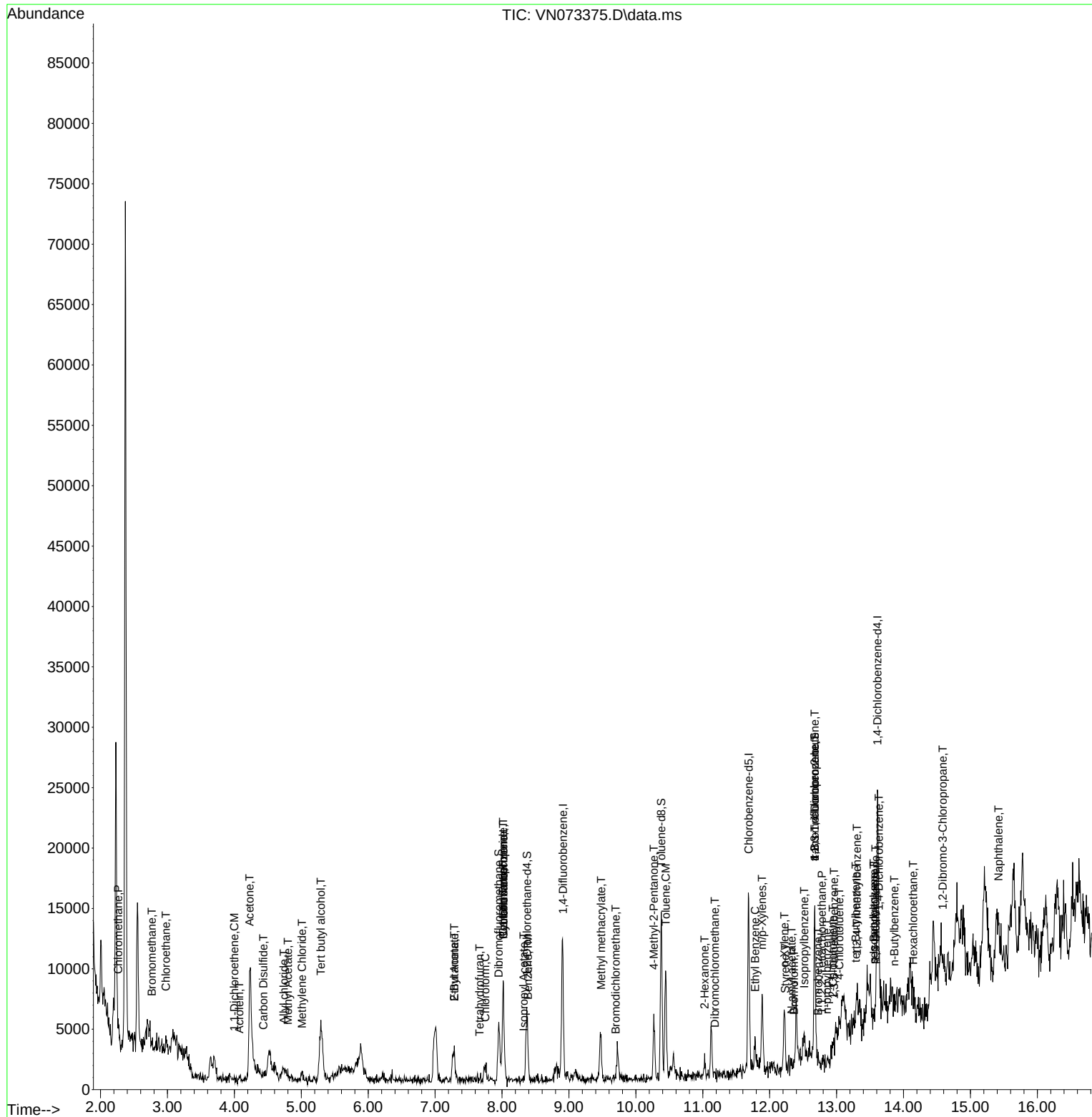
78) n-propylbenzene	12.857	91	507	0.921	ug/l	81
79) 2-Chlorotoluene	12.945	91	217	0.623	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.963	105	402	0.996	ug/l	65
81) trans-1,4-Dichloro-2-b...	12.675	75	2045	37.393	ug/l #	10
82) 4-Chlorotoluene	13.039	91	69	0.205	ug/l #	40
83) tert-Butylbenzene	13.286	119	179	0.495	ug/l #	50
84) 1,2,4-Trimethylbenzene	13.304	105	2361	5.857	ug/l	81
85) sec-Butylbenzene	13.557	105	344	0.708	ug/l	91
86) p-Isopropyltoluene	13.557	119	212	0.540	ug/l #	30
87) 1,3-Dichlorobenzene	13.580	146	57	0.276	ug/l #	25
88) 1,4-Dichlorobenzene	13.633	146	89	0.430	ug/l #	26
89) n-Butylbenzene	13.863	91	539	1.647	ug/l #	44
90) Hexachloroethane	14.145	117	65	0.888	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.586	75	53	1.327	ug/l #	1
95) Naphthalene	15.421	128	2108	4.768	ug/l #	80

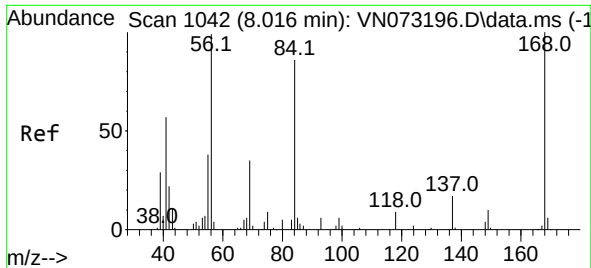
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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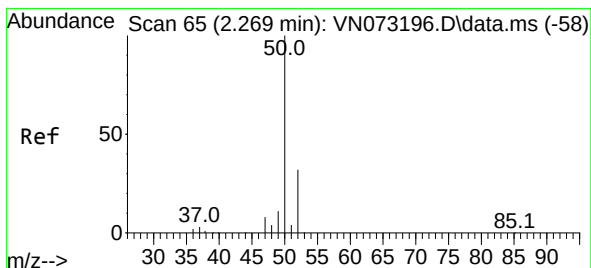
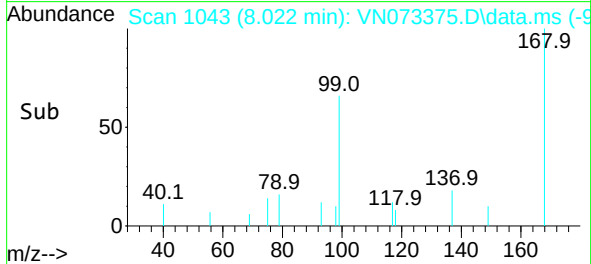
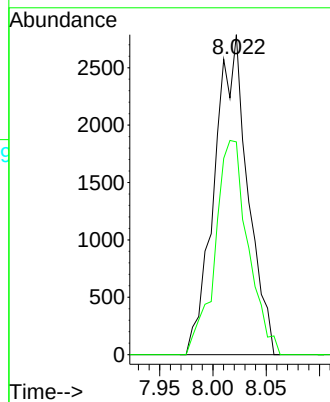
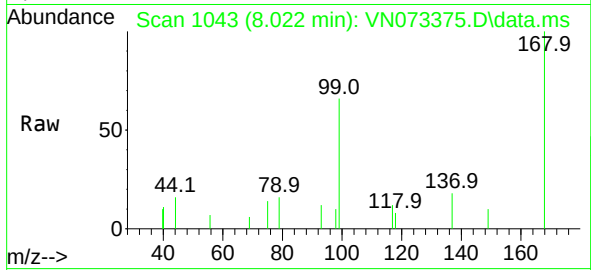




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

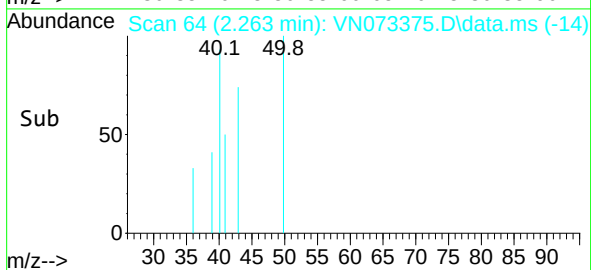
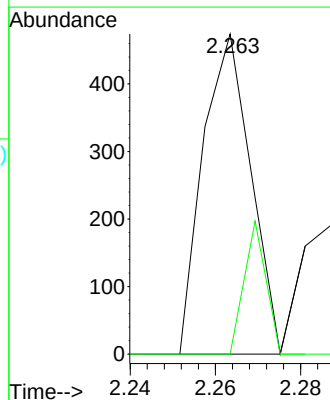
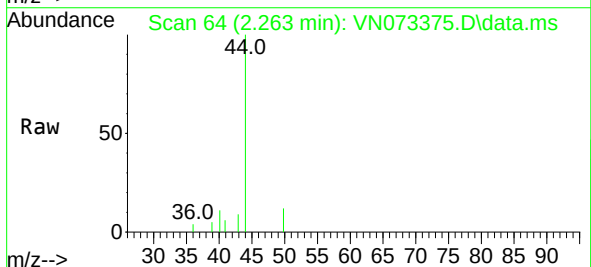
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

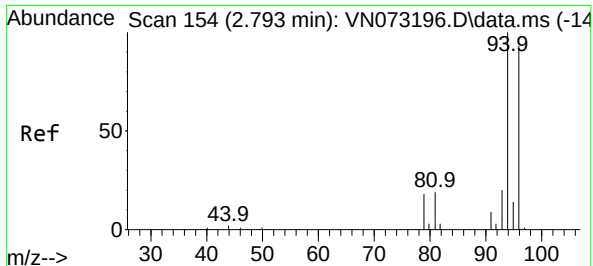
Tgt Ion:168 Resp: 6057
Ion Ratio Lower Upper
168 100
99 66.5 42.3 63.5#



#3
Chloromethane
Concen: 4.280 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

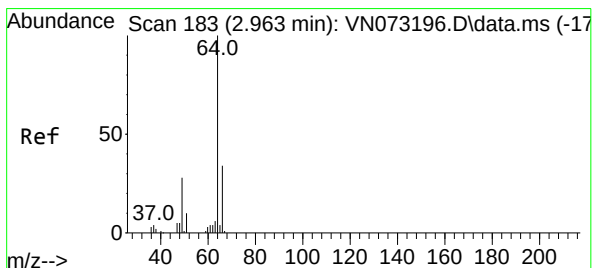
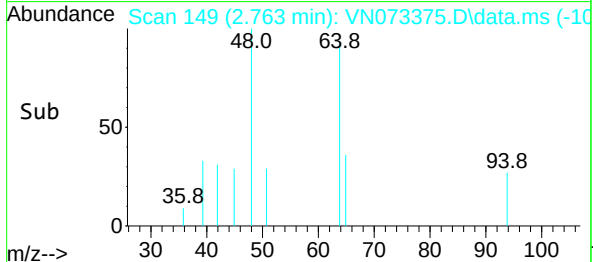
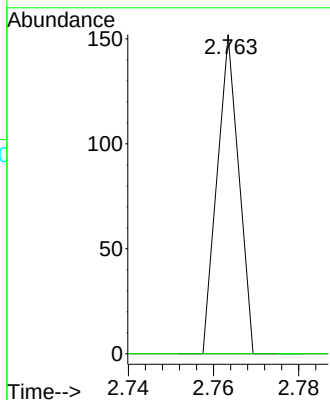
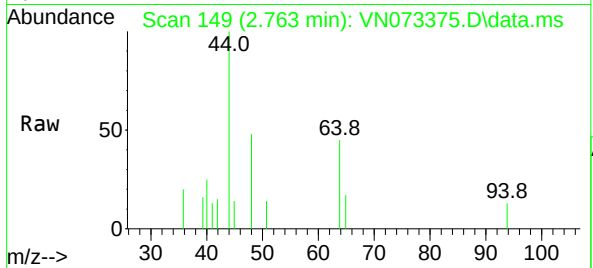




#5
Bromomethane
Concen: 1.565 ug/l
RT: 2.763 min Scan# 14
Delta R.T. -0.030 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

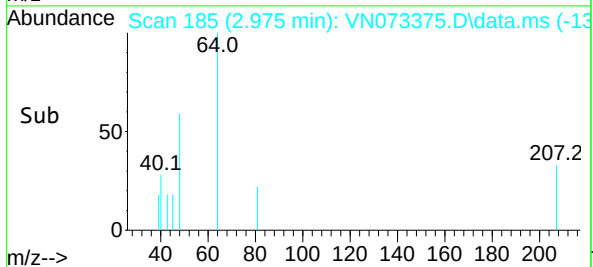
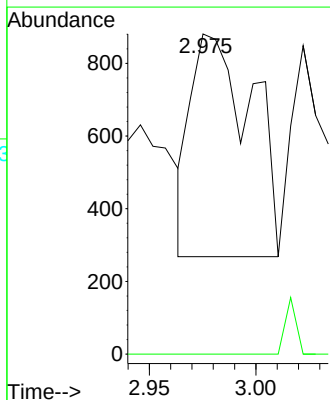
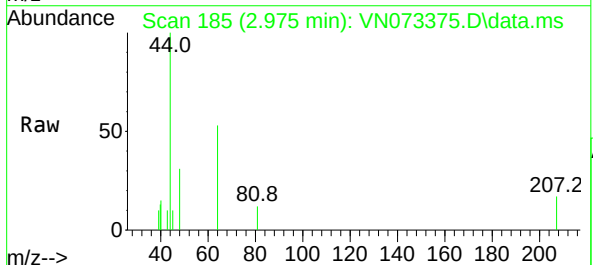
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BP-TB-20220706

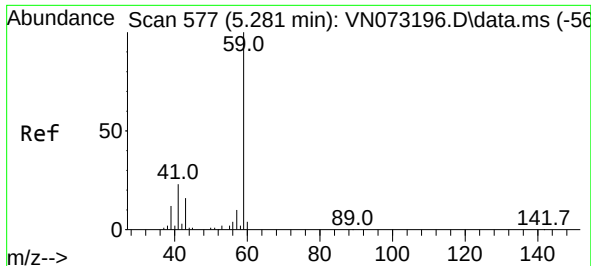
Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 28.182 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.012 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 64 Resp: 1211
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

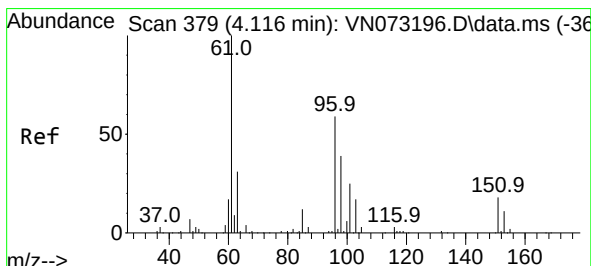
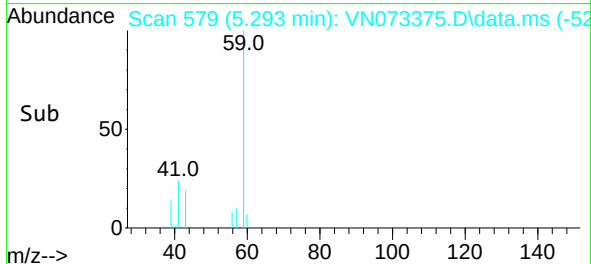
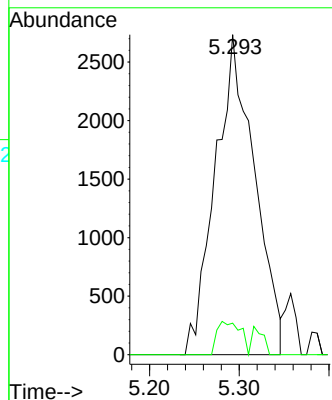
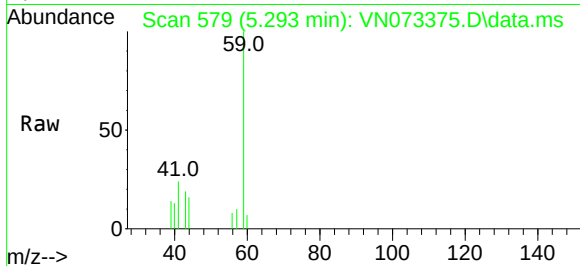




#11
Tert butyl alcohol
Concen: 393.263 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

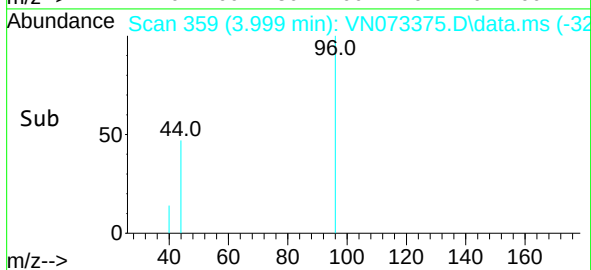
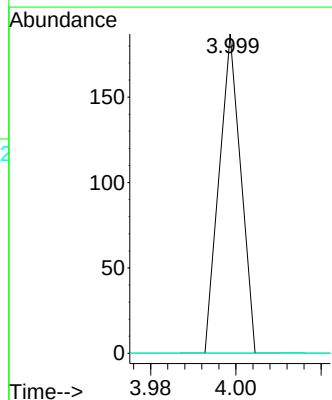
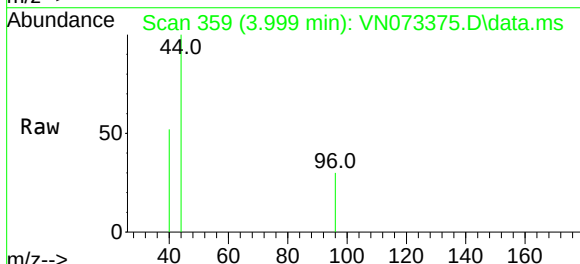
Instrument :
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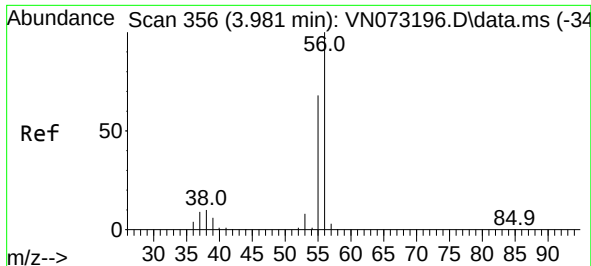
Tgt Ion: 59 Resp: 8330
Ion Ratio Lower Upper
59 100
57 6.2 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.926 ug/l
RT: 3.999 min Scan# 359
Delta R.T. -0.117 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 96 Resp: 66
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

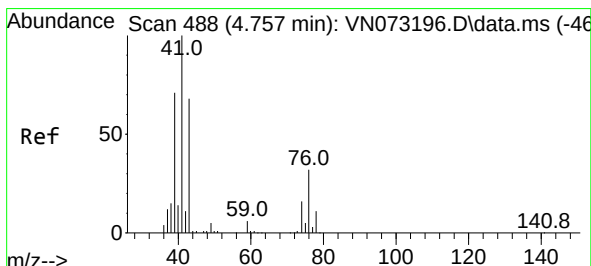
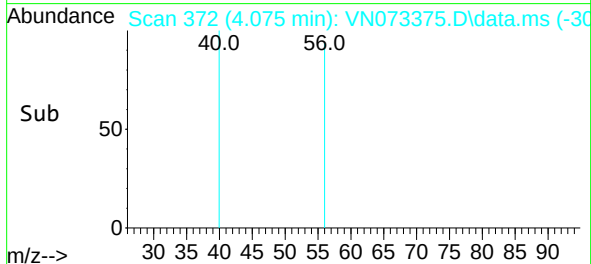
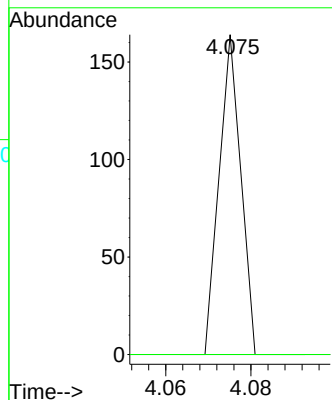
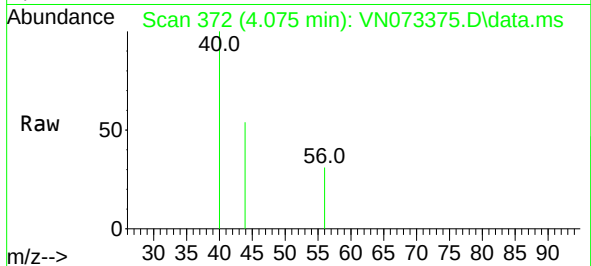




#13
Acrolein
Concen: 4.332 ug/l
RT: 4.075 min Scan# 31
Delta R.T. 0.094 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

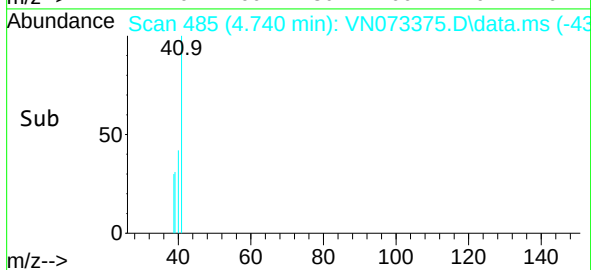
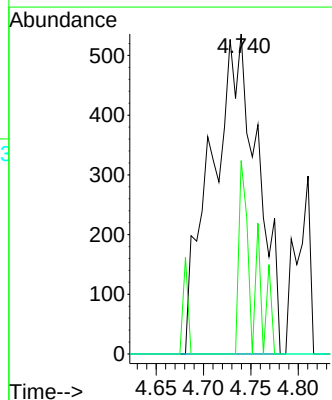
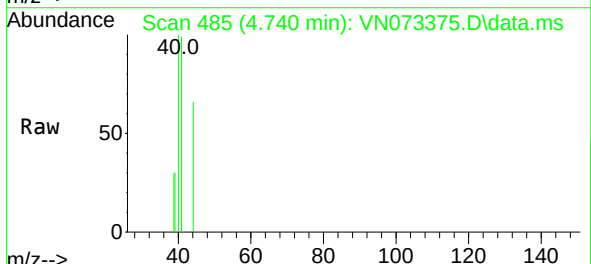
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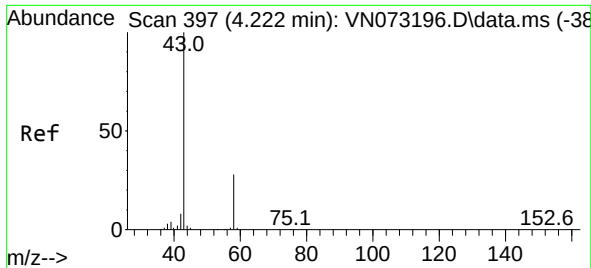
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#14
Allyl chloride
Concen: 12.156 ug/l
RT: 4.740 min Scan# 485
Delta R.T. -0.017 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 41 Resp: 1826
Ion Ratio Lower Upper
41 100
39 10.7 53.2 79.8#
76 0.0 29.9 44.9#

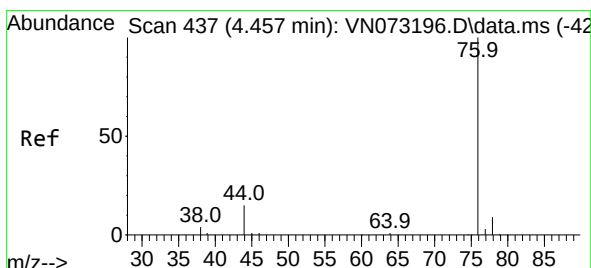
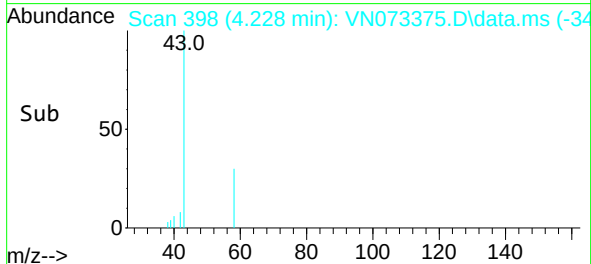
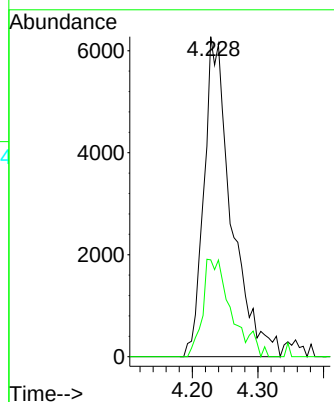
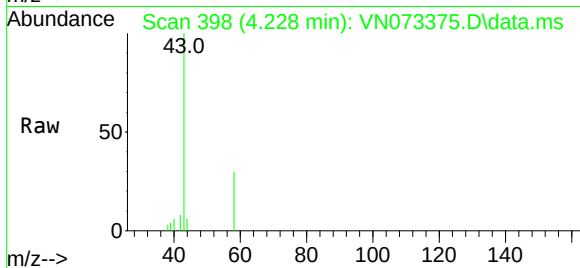




#16
Acetone
Concen: 370.814 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

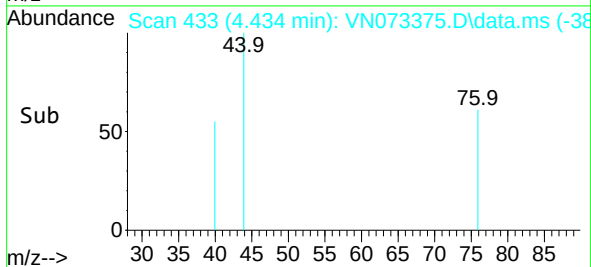
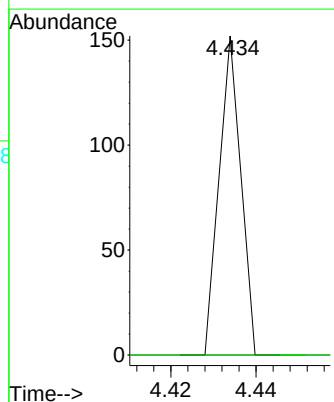
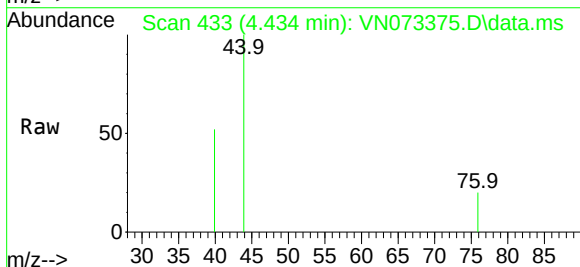
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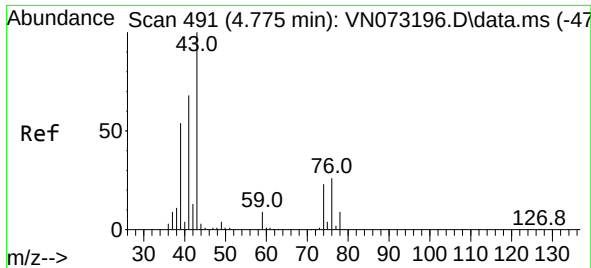
Tgt Ion: 43 Resp: 18200
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0



#17
Carbon Disulfide
Concen: 0.292 ug/l
RT: 4.434 min Scan# 433
Delta R.T. -0.023 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 76 Resp: 54
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

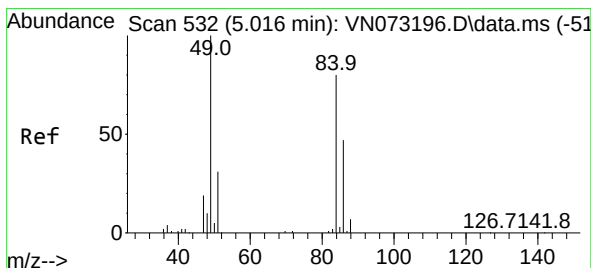
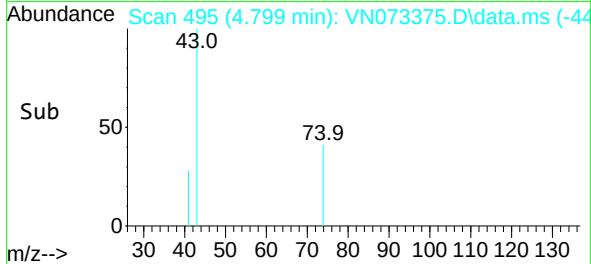
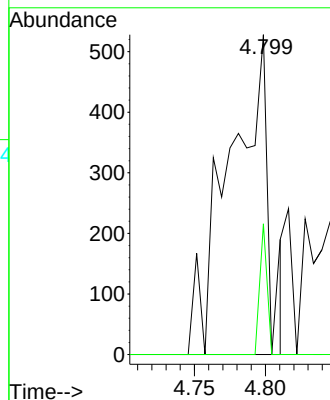
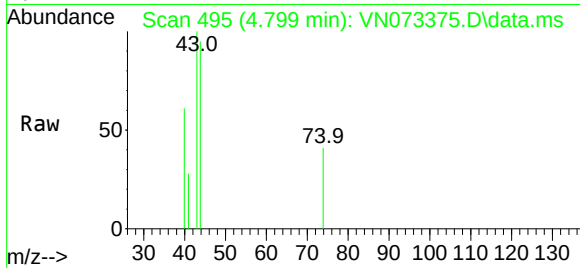




#18
Methyl Acetate
Concen: 7.343 ug/l
RT: 4.799 min Scan# 491
Delta R.T. 0.024 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

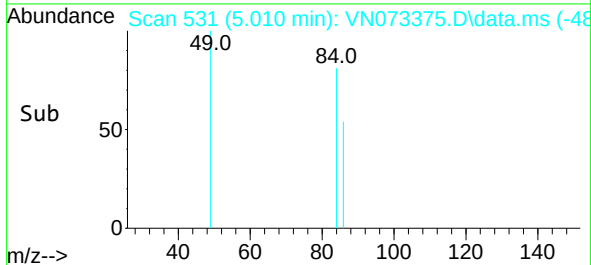
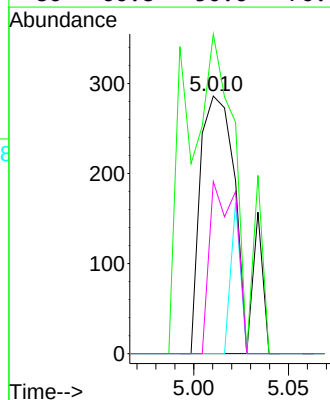
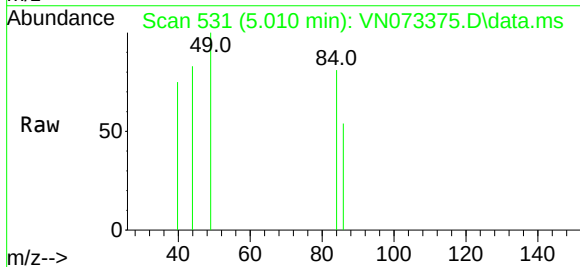
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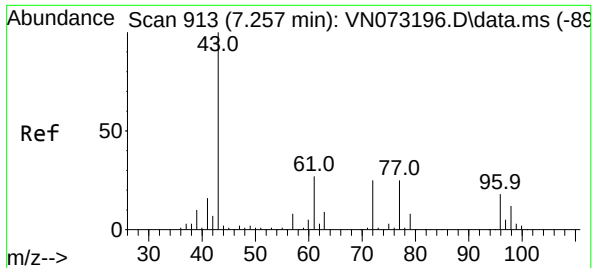
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
74 7.5 21.6 32.4#



#20
Methylene Chloride
Concen: 4.719 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 84 Resp: 407
Ion Ratio Lower Upper
84 100
49 124.1 88.3 132.5
51 0.0 28.2 42.2#
86 66.8 50.6 76.0

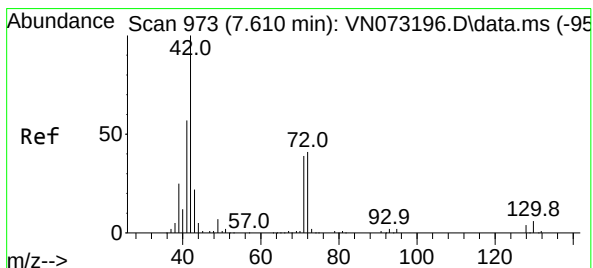
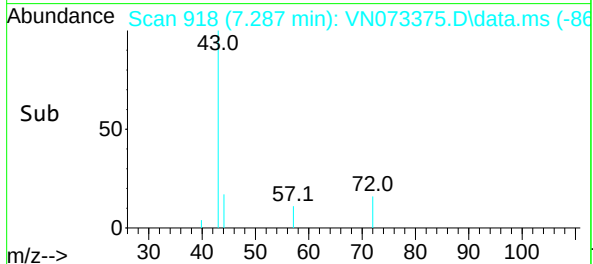
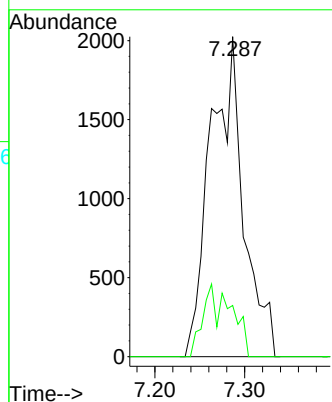
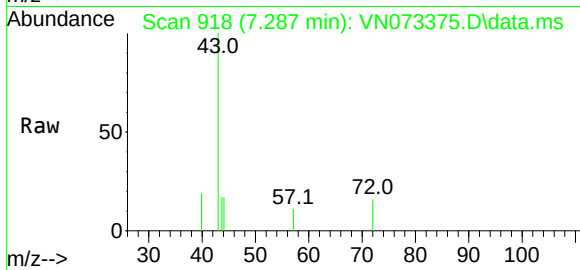




#25
2-Butanone
Concen: 66.430 ug/l
RT: 7.287 min Scan# 918
Delta R.T. 0.030 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

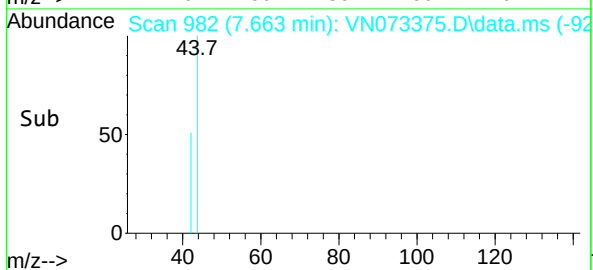
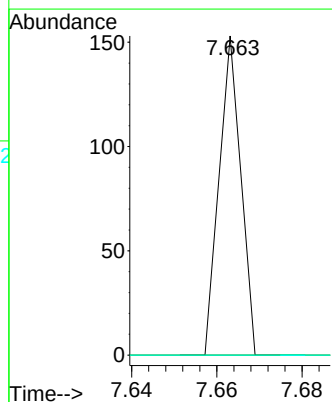
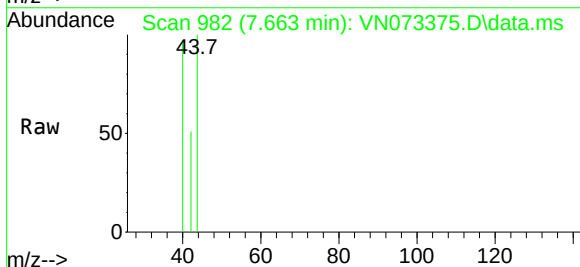
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

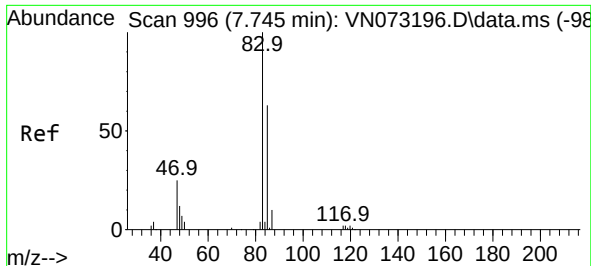
Tgt Ion: 43 Resp: 5191
Ion Ratio Lower Upper
43 100
72 13.6 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.009 ug/l
RT: 7.663 min Scan# 982
Delta R.T. 0.053 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 42 Resp: 54
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 0.0 36.6 55.0#

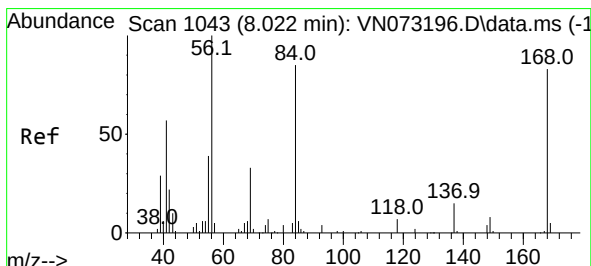
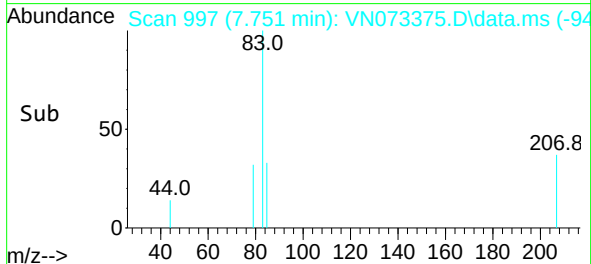
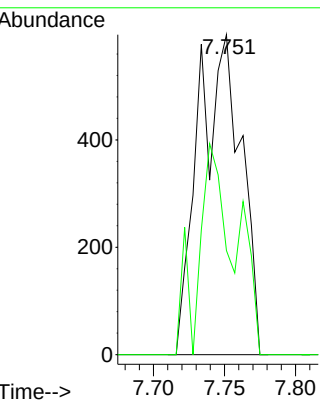
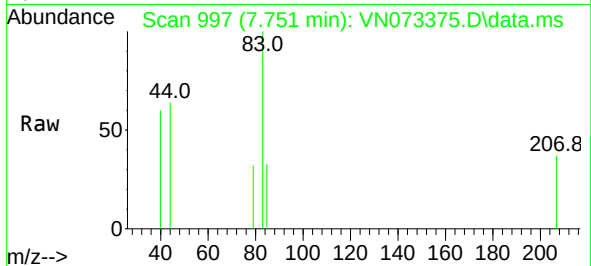




#30
Chloroform
Concen: 8.488 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

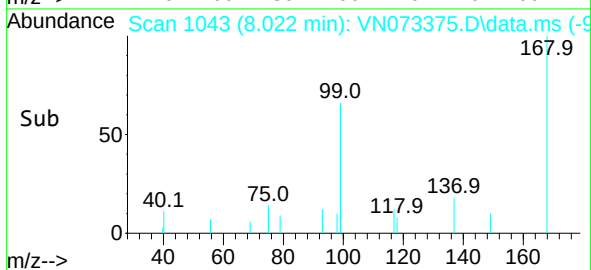
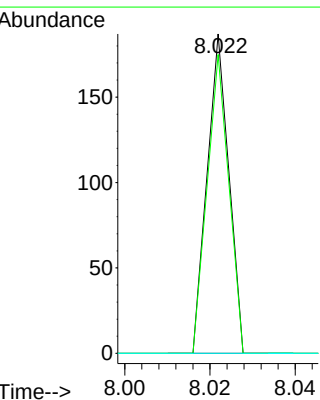
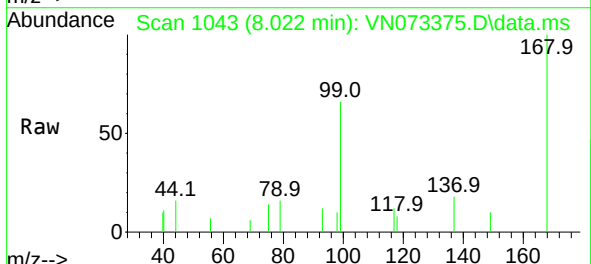
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

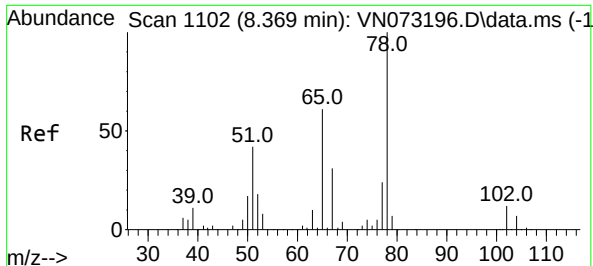
Tgt Ion: 83 Resp: 1240
Ion Ratio Lower Upper
83 100
85 32.6 51.8 77.8#



#31
Cyclohexane
Concen: 0.461 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
69 93.6 27.8 41.8#
84 0.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 57.343 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

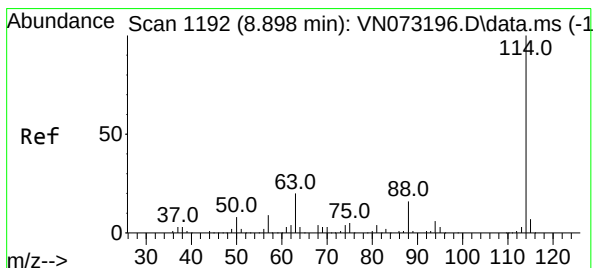
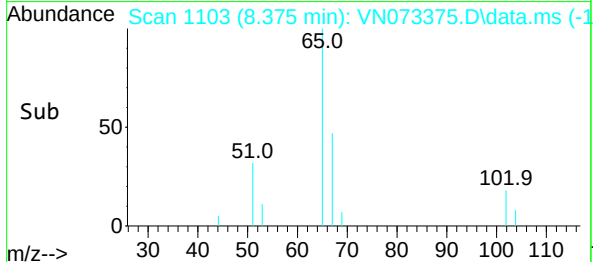
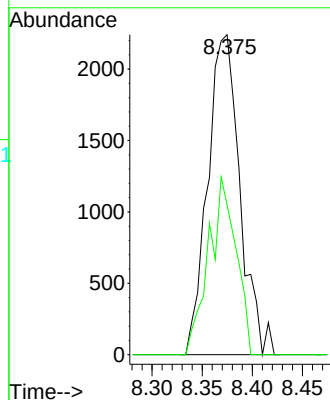
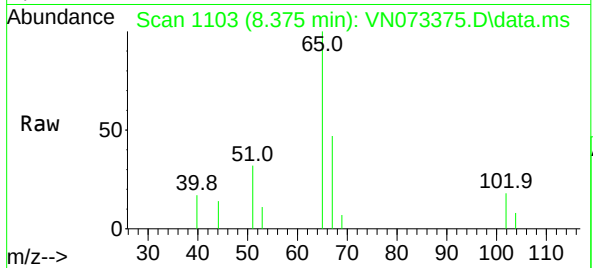
BP-TB-20220706

Tgt Ion: 65 Resp: 5014

Ion Ratio Lower Upper

65 100

67 47.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.910 min Scan# 1194

Delta R.T. 0.012 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

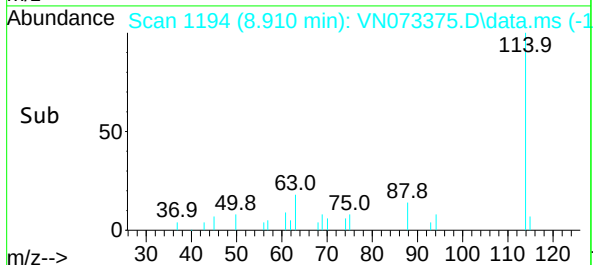
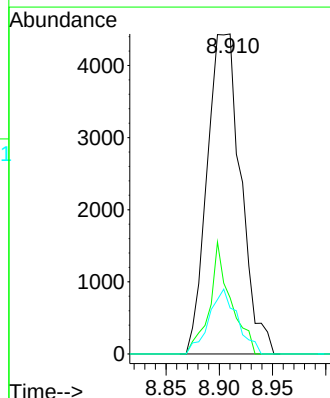
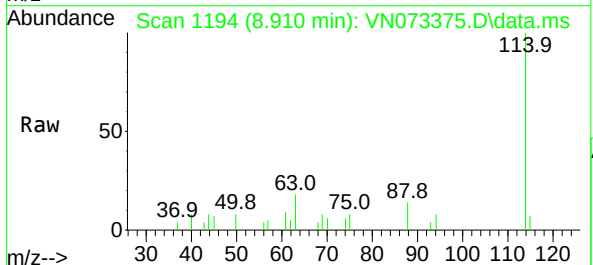
Tgt Ion: 114 Resp: 9773

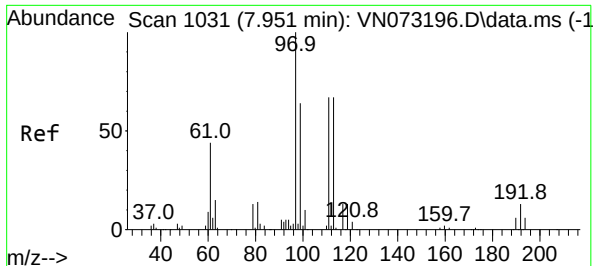
Ion Ratio Lower Upper

114 100

63 17.5 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.166 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20220706

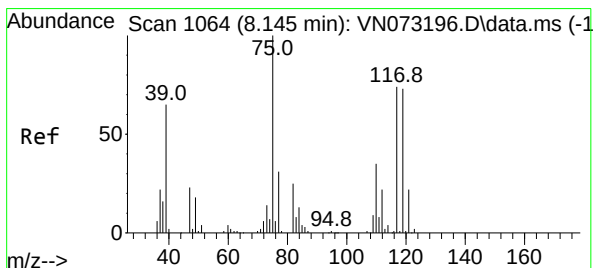
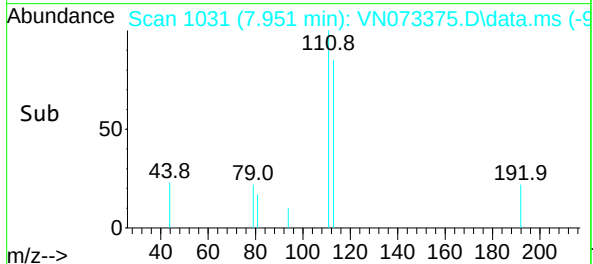
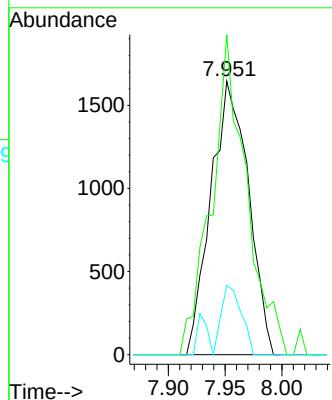
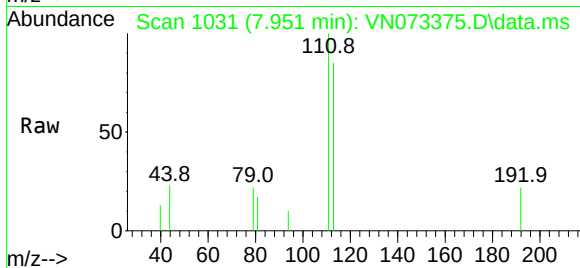
Tgt Ion:113 Resp: 3782

Ion Ratio Lower Upper

113 100

111 108.9 81.4 122.0

192 13.6 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 5.677 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

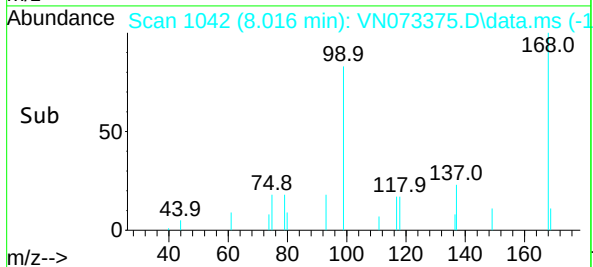
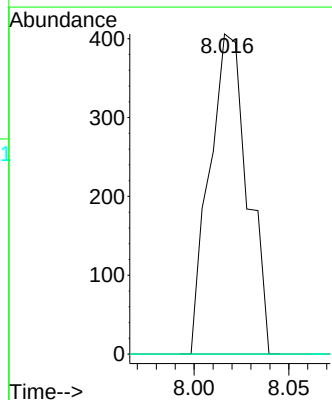
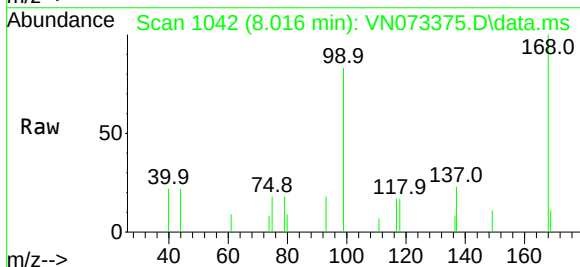
Tgt Ion: 75 Resp: 568

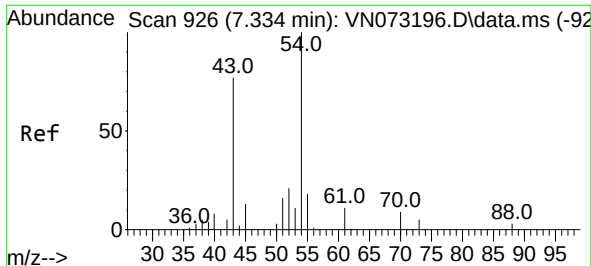
Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

77 0.0 25.1 37.7#

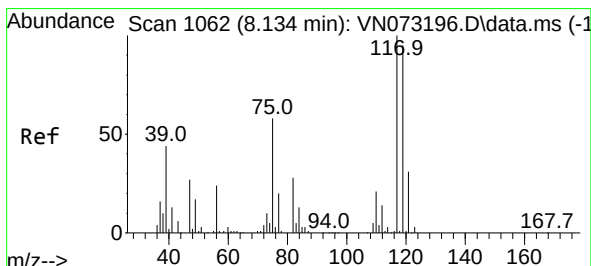
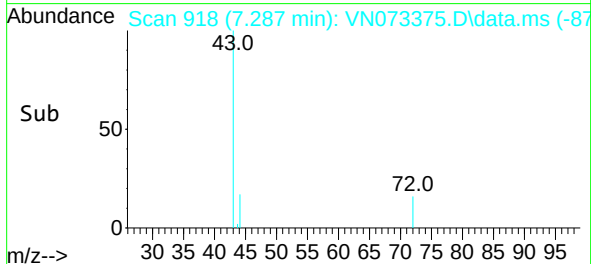
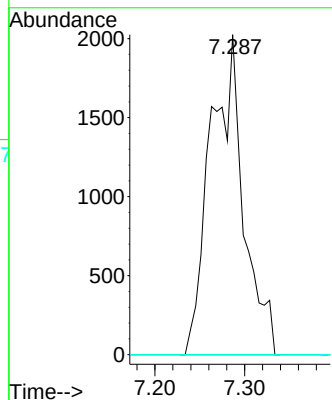
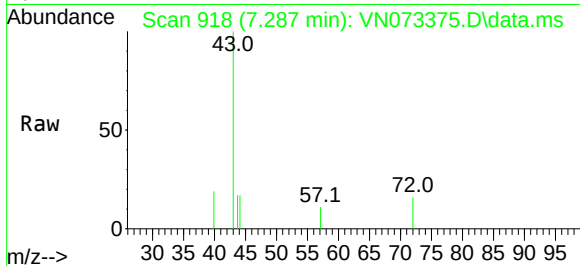




#37
Ethyl Acetate
Concen: 34.339 ug/l
RT: 7.287 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

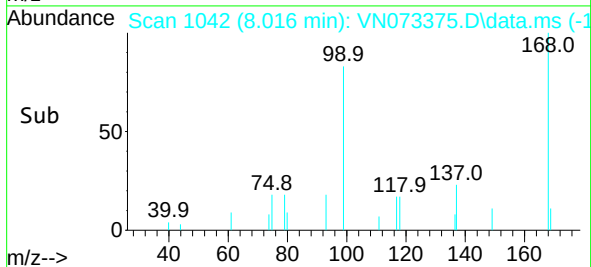
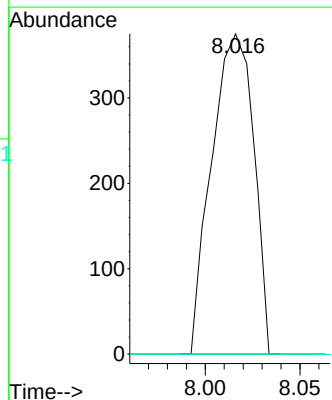
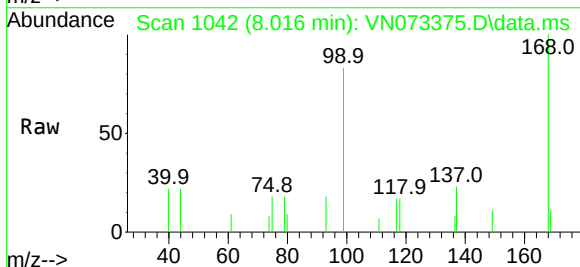
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

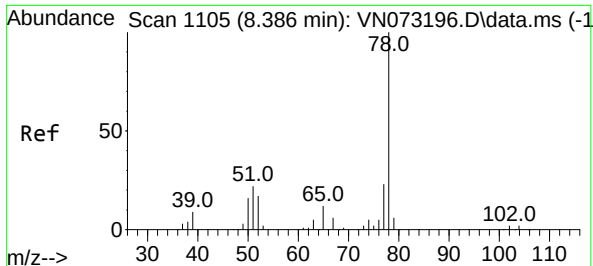
Tgt Ion: 43 Resp: 5191
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 117 Resp: 579
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 24.6 37.0#

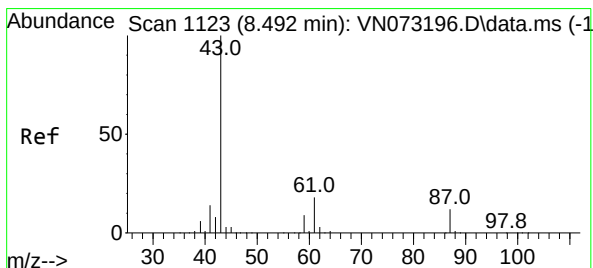
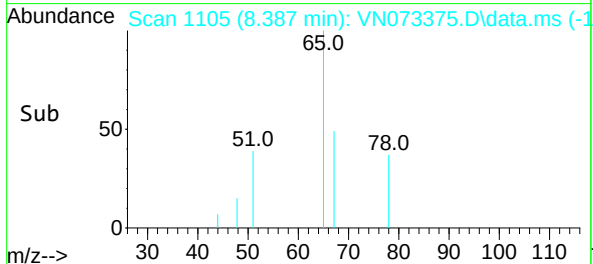
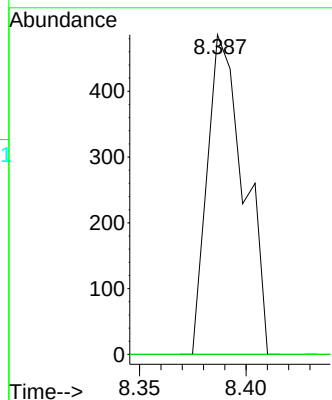
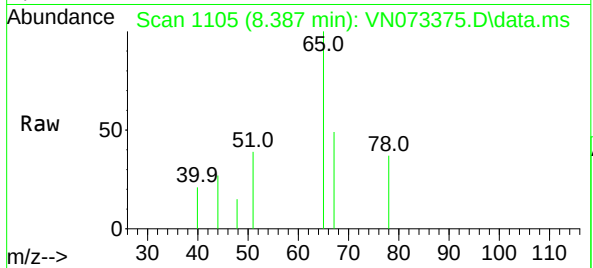




#40
Benzene
Concen: 1.882 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

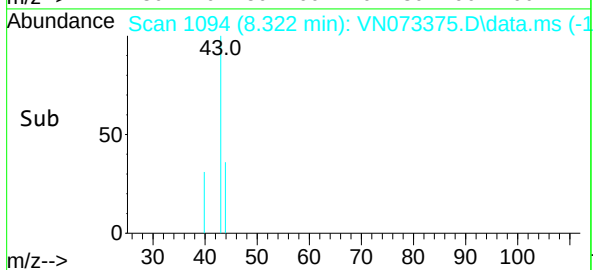
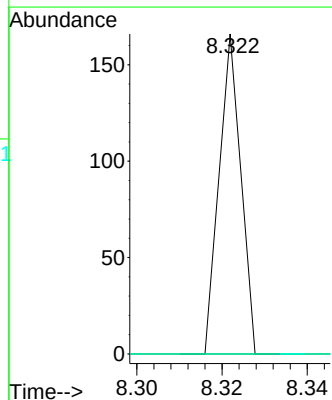
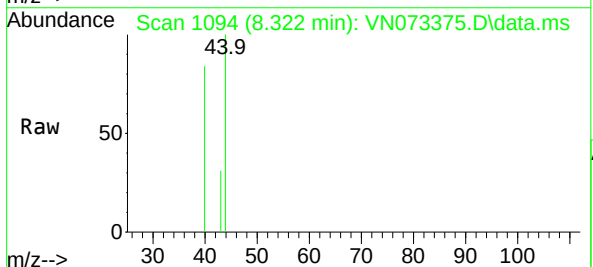
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

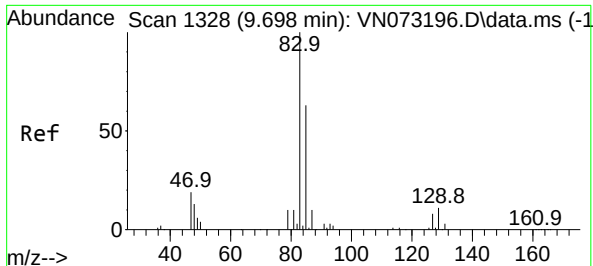
Tgt Ion: 78 Resp: 581
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



#43
Isopropyl Acetate
Concen: 0.272 ug/l
RT: 8.322 min Scan# 1094
Delta R.T. -0.170 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

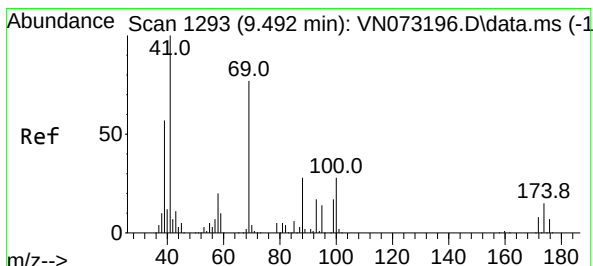
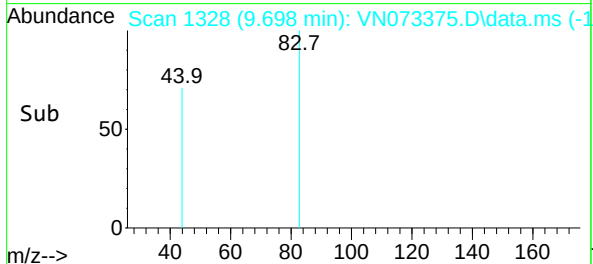
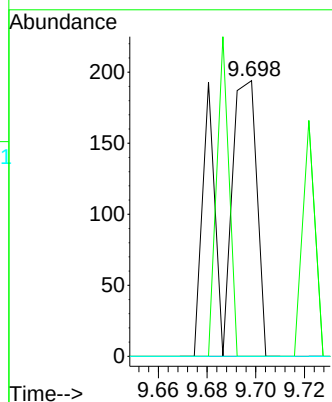
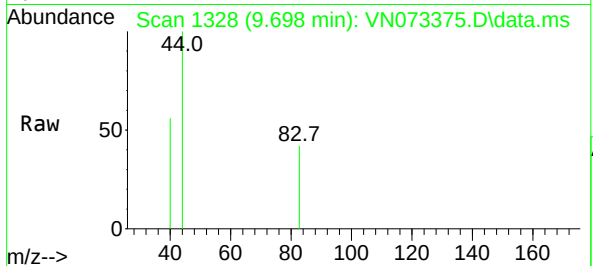




#47
Bromodichloromethane
Concen: 1.961 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

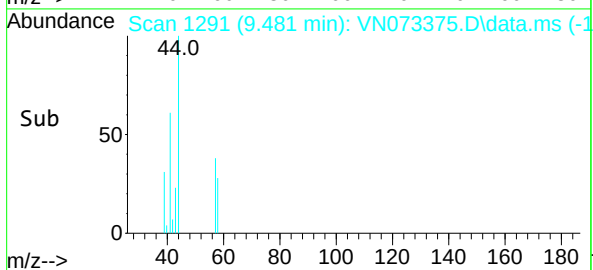
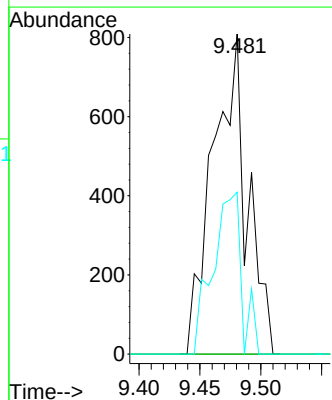
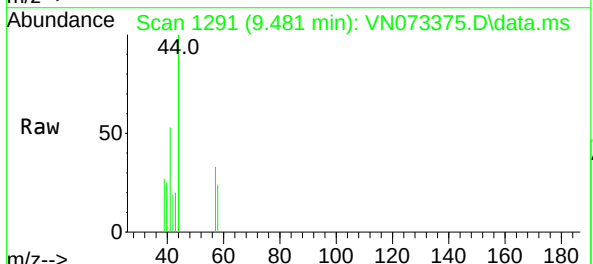
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

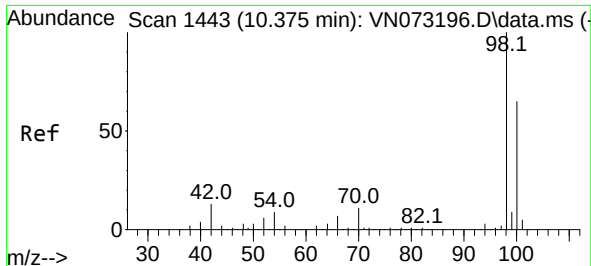
Tgt Ion: 83 Resp: 203
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 15.697 ug/l
RT: 9.481 min Scan# 1291
Delta R.T. -0.011 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 41 Resp: 1579
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 42.9 45.6 68.4#

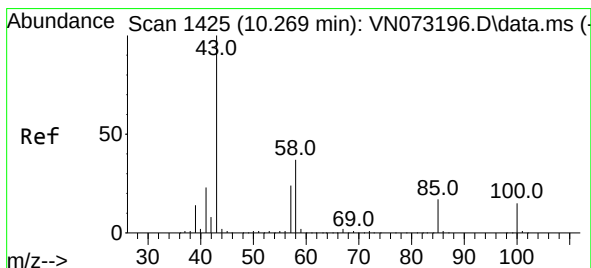
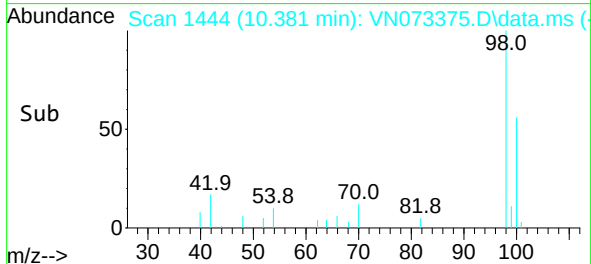
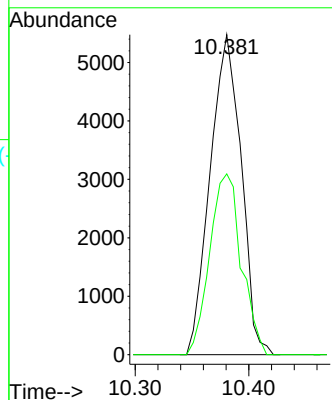
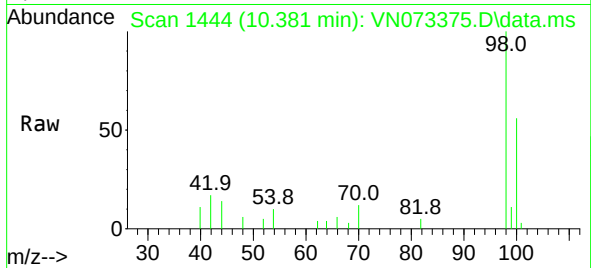




#50
Toluene-d8
Concen: 45.039 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

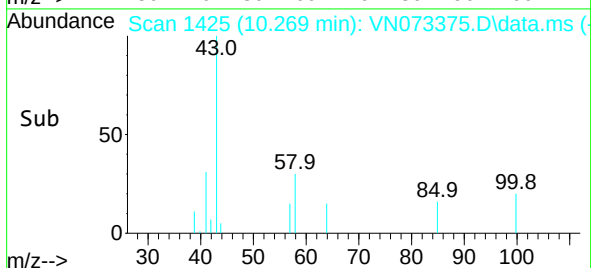
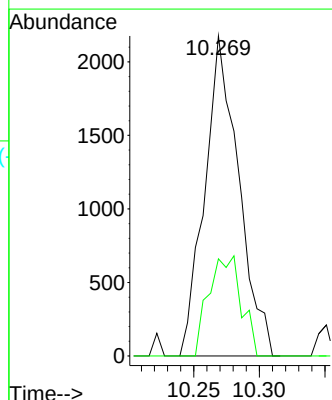
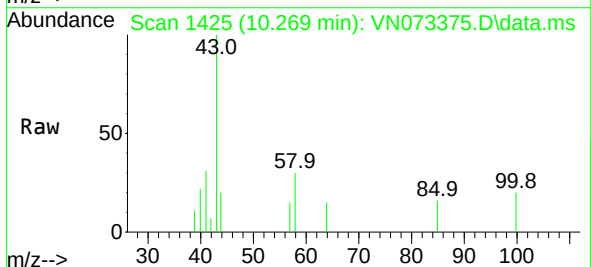
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

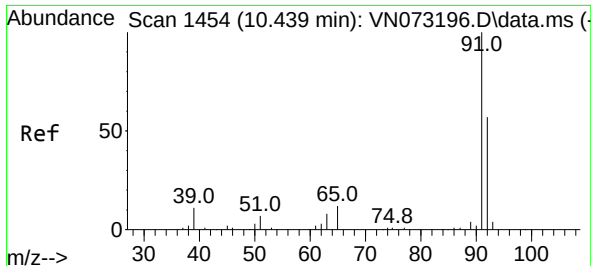
Tgt Ion: 98 Resp: 10401
Ion Ratio Lower Upper
98 100
100 57.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 28.525 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
58 29.8 34.1 51.1#

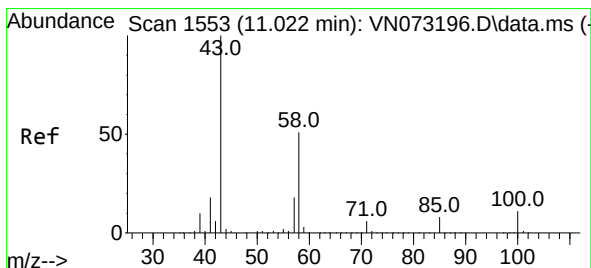
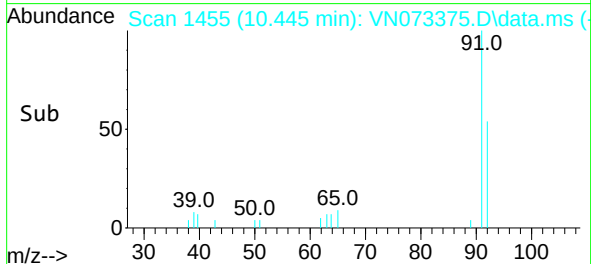
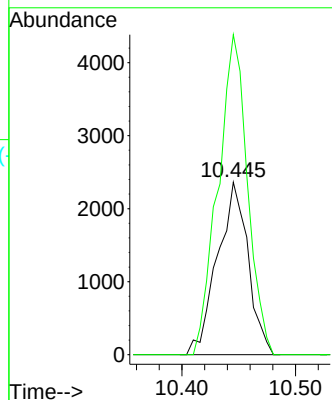
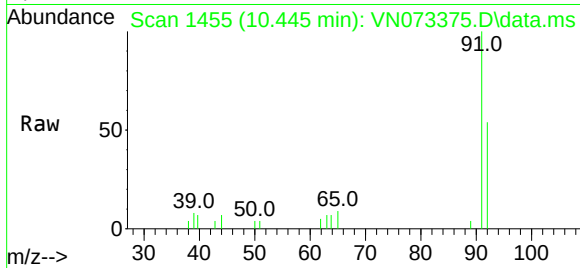




#52
Toluene
Concen: 23.190 ug/l
RT: 10.445 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

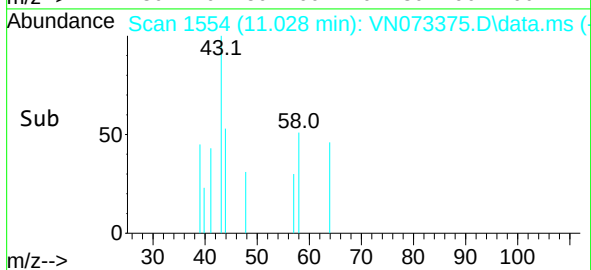
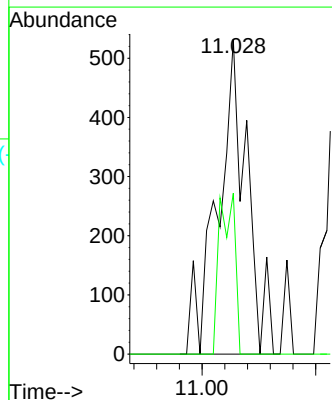
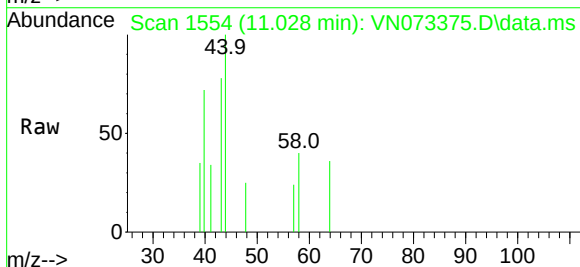
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

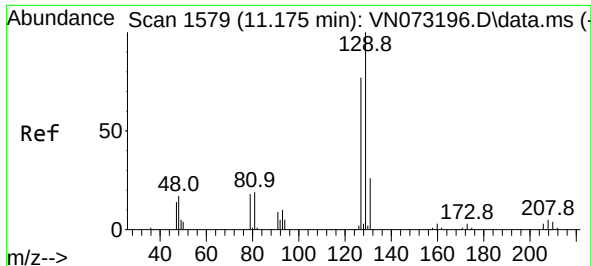
Tgt Ion: 92 Resp: 4425
Ion Ratio Lower Upper
92 100
91 178.6 138.6 207.8



#59
2-Hexanone
Concen: 9.122 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 27.0 29.7 89.1#

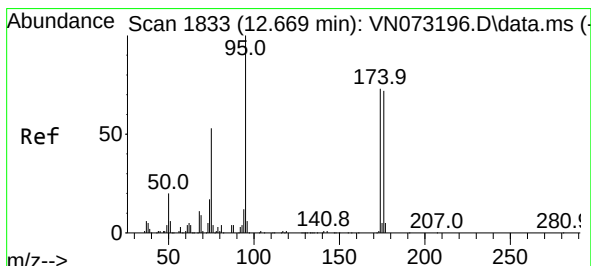
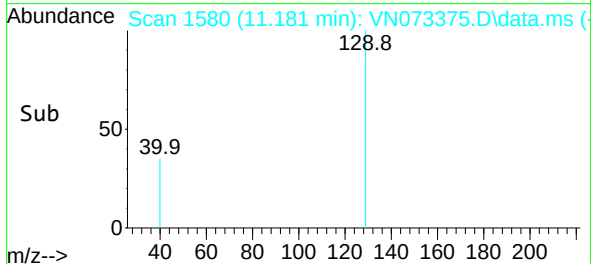
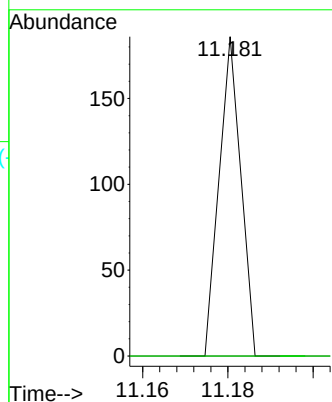
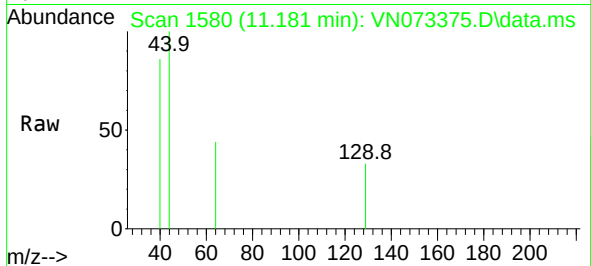




#60
Dibromochloromethane
Concen: 0.881 ug/l
RT: 11.181 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

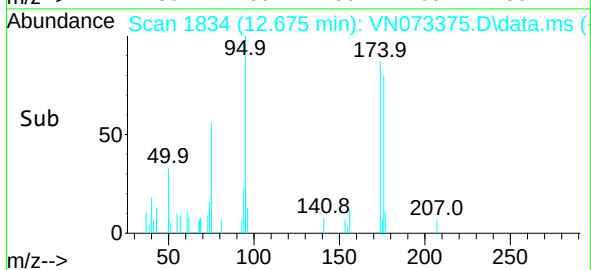
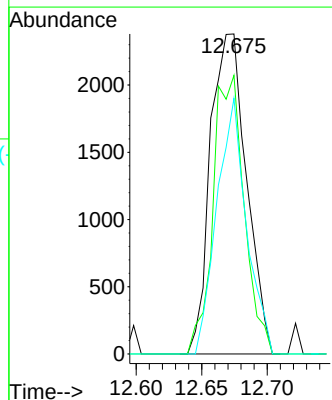
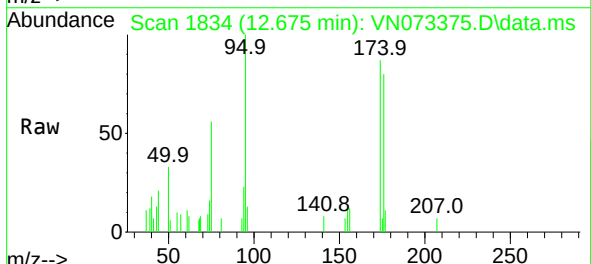
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

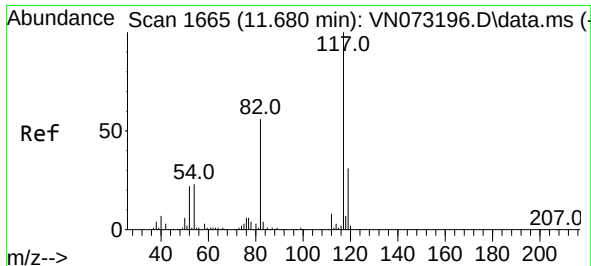
Tgt Ion:129 Resp: 66
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.337 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 95 Resp: 4556
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 65.6 0.0 163.4

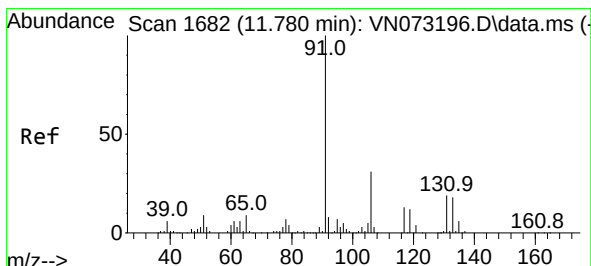
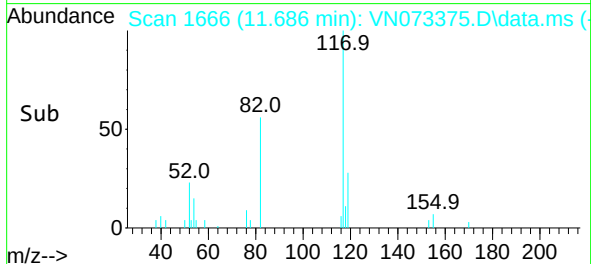
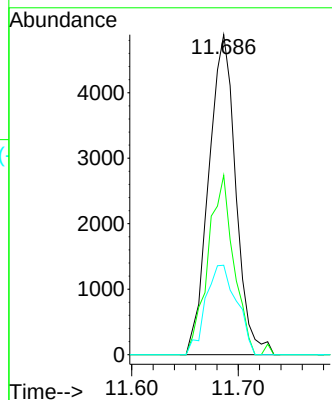
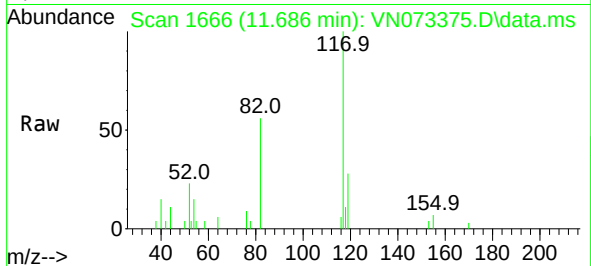




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

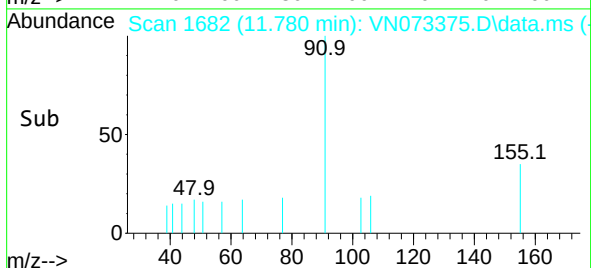
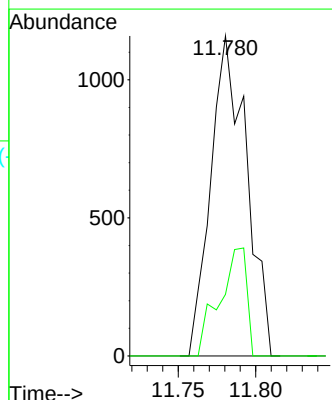
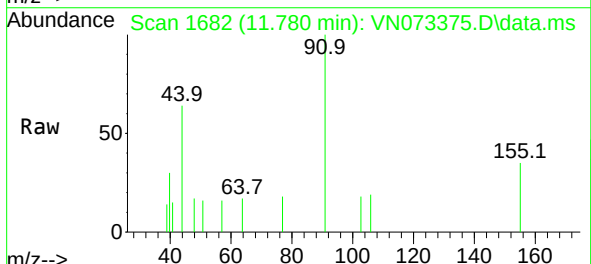
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

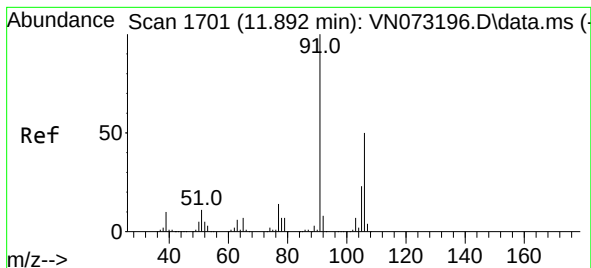
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.2	66.2
119	27.9	25.4	38.0



#67
Ethyl Benzene
Concen: 5.253 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	19.2	24.9	37.3





#68

m/p-Xylenes

Concen: 14.353 ug/l

RT: 11.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

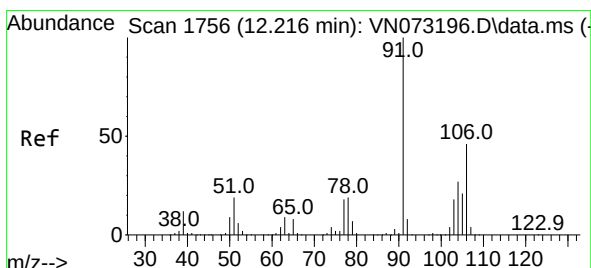
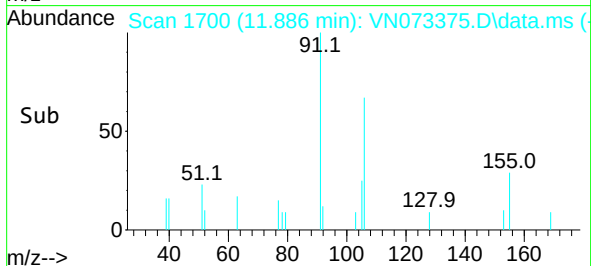
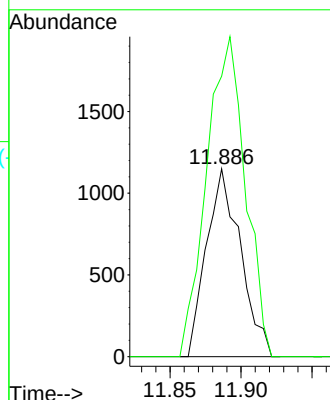
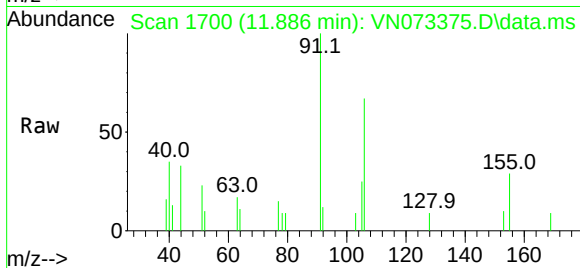
BP-TB-20220706

Tgt Ion:106 Resp: 1915

Ion Ratio Lower Upper

106 100

91 193.8 158.9 238.3



#69

o-Xylene

Concen: 10.110 ug/l

RT: 12.222 min Scan# 1757

Delta R.T. 0.006 min

Lab File: VN073375.D

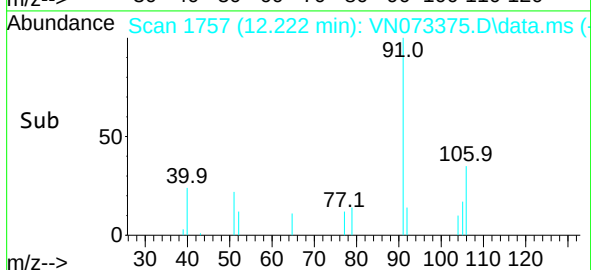
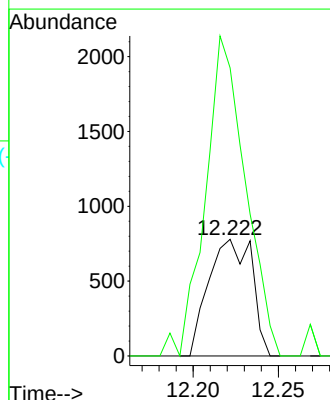
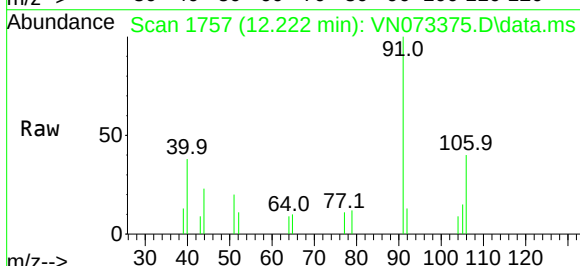
Acq: 07 Jul 2022 16:46

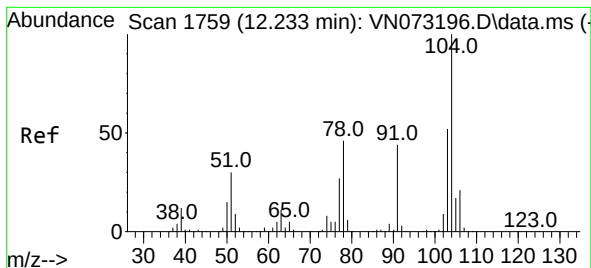
Tgt Ion:106 Resp: 1377

Ion Ratio Lower Upper

106 100

91 254.3 106.0 318.0





#70

Styrene

Concen: 1.717 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20220706

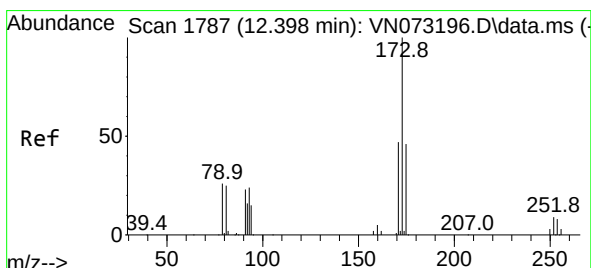
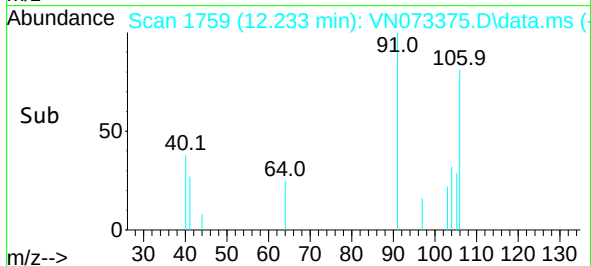
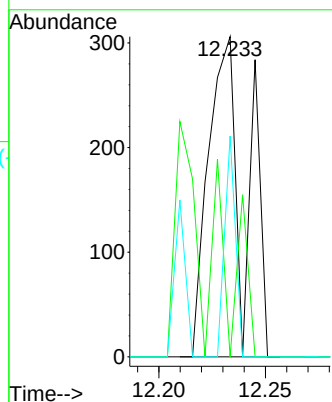
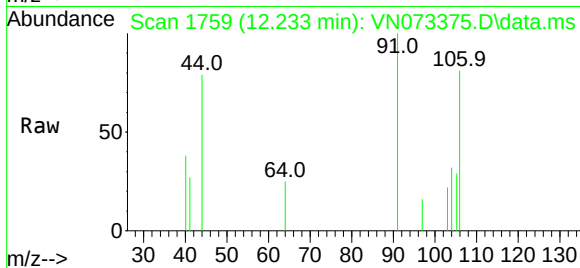
Tgt Ion:104 Resp: 361

Ion Ratio Lower Upper

104 100

78 33.5 39.5 59.3#

103 20.5 44.0 66.0#



#71

Bromoform

Concen: 1.088 ug/l

RT: 12.363 min Scan# 1781

Delta R.T. -0.035 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

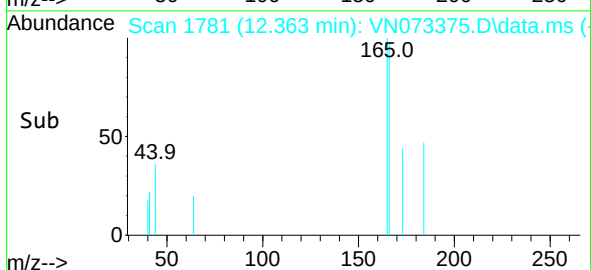
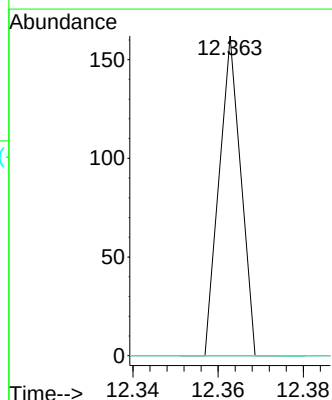
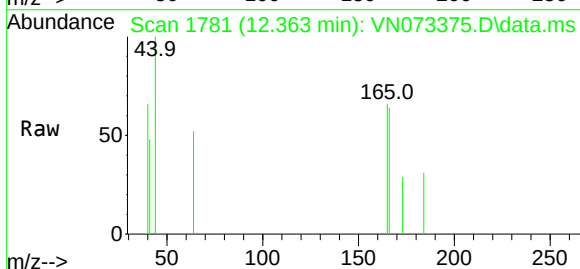
Tgt Ion:173 Resp: 57

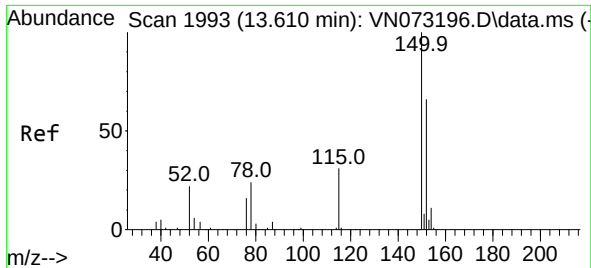
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.1 0.1#

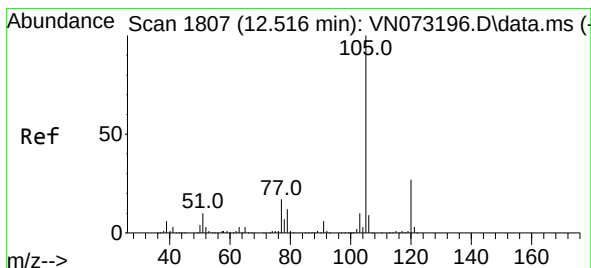
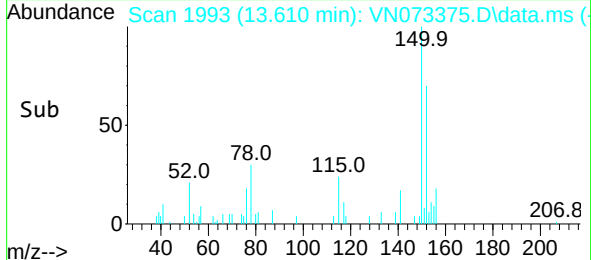
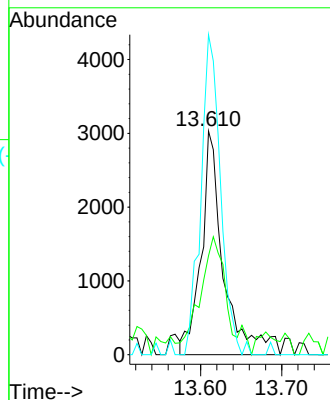
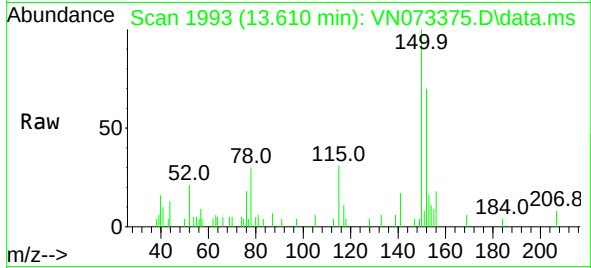




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

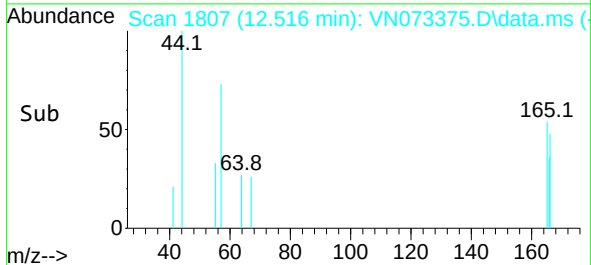
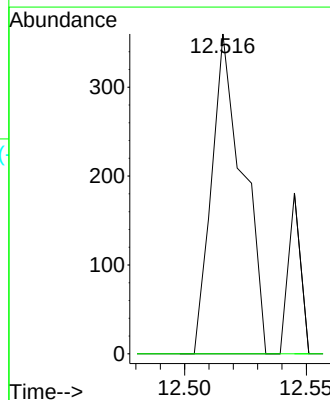
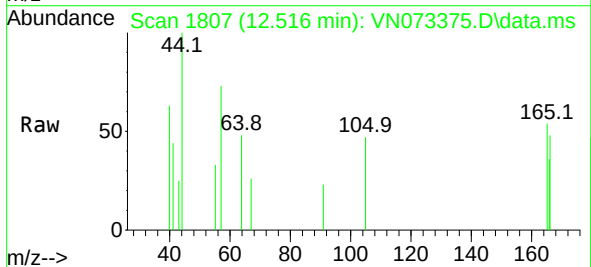
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

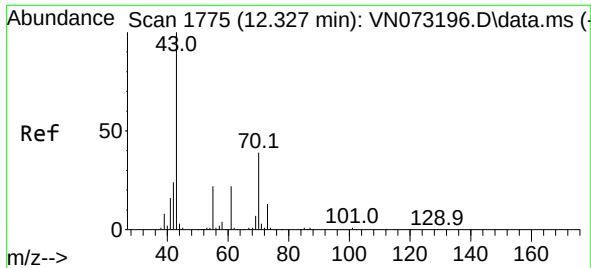
Tgt Ion:152 Resp: 5736
Ion Ratio Lower Upper
152 100
115 64.1 28.9 86.7
150 127.7 0.0 356.2



#73
Isopropylbenzene
Concen: 0.650 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion:105 Resp: 322
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.4#

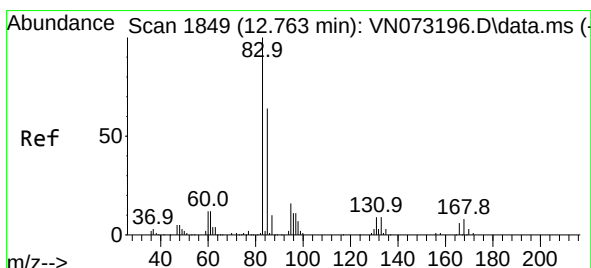
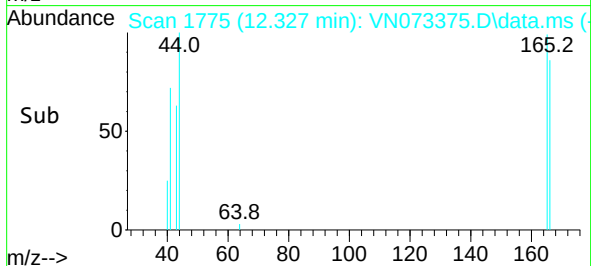
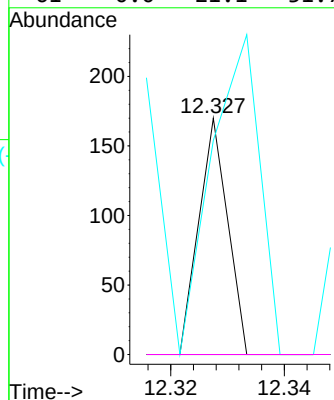
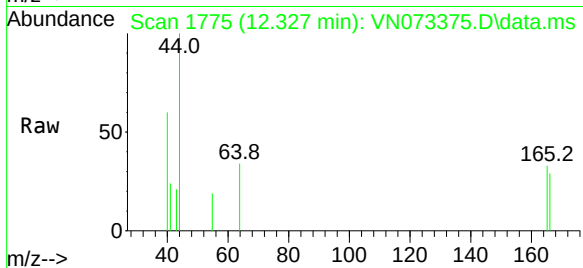




#74
N-amy1 acetate
Concen: 0.242 ug/l
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

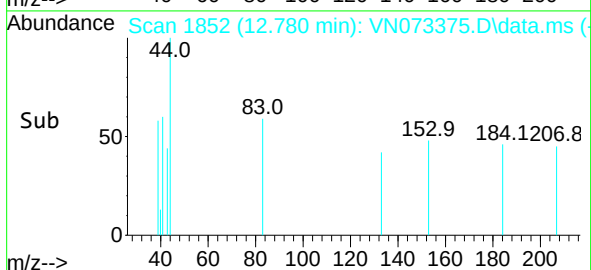
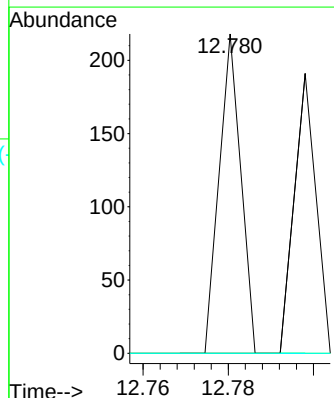
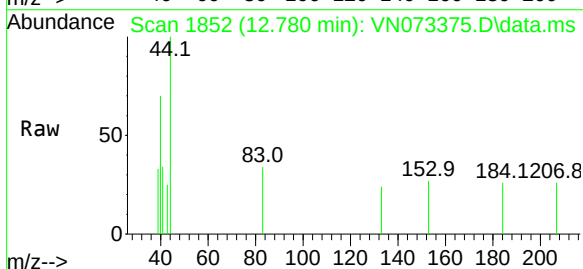
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

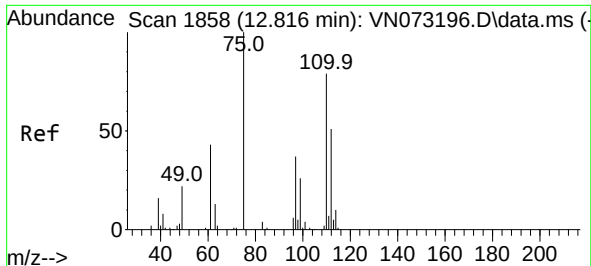
Tgt Ion: 43	Resp: 60
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.4#
55 226.7	21.1 31.7#
61 0.0	21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.468 ug/l
RT: 12.780 min Scan# 1852
Delta R.T. 0.017 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 83	Resp:	77	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.3	15.9#	
85 0.0	32.3	96.9#	

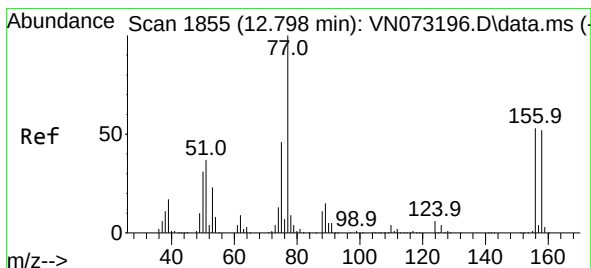
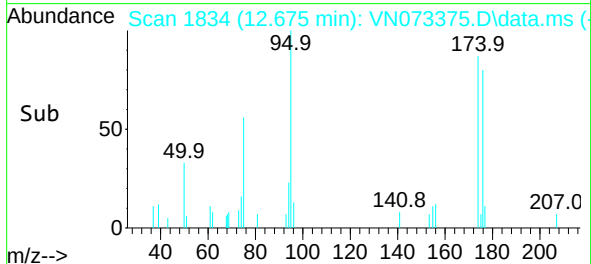
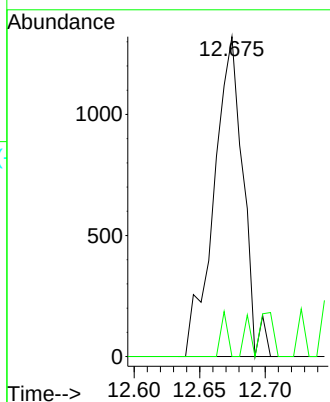
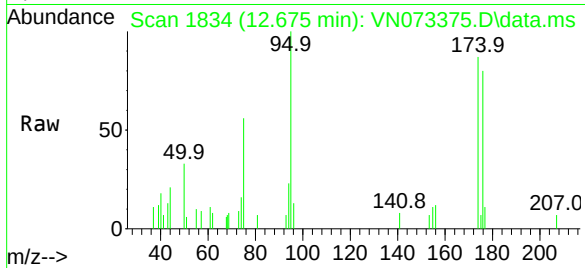




#76
1,2,3-Trichloropropane
Concen: 13.635 ug/l
RT: 12.675 min Scan# 1842
Delta R.T. -0.141 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

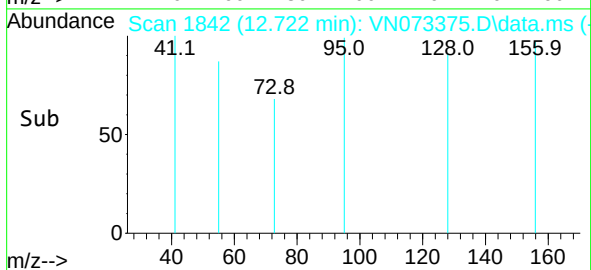
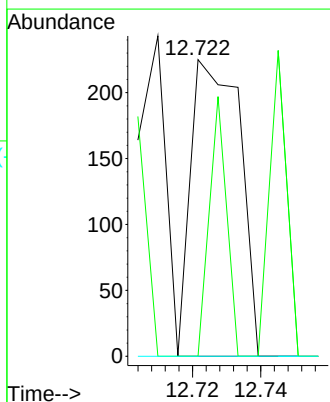
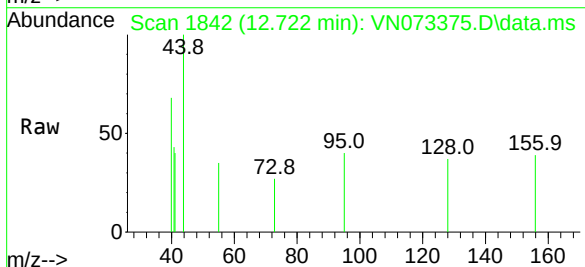
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

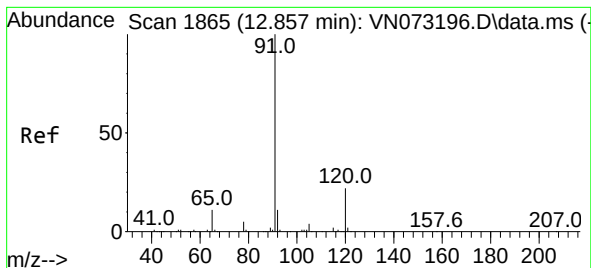
Tgt Ion: 75 Resp: 2045
Ion Ratio Lower Upper
75 100
77 3.2 98.5 295.5#



#77
Bromobenzene
Concen: 1.945 ug/l
RT: 12.722 min Scan# 1842
Delta R.T. -0.076 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 156 Resp: 224
Ion Ratio Lower Upper
156 100
77 31.3 100.5 301.5#
158 0.0 48.9 146.6#





#78

n-propylbenzene

Concen: 0.921 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

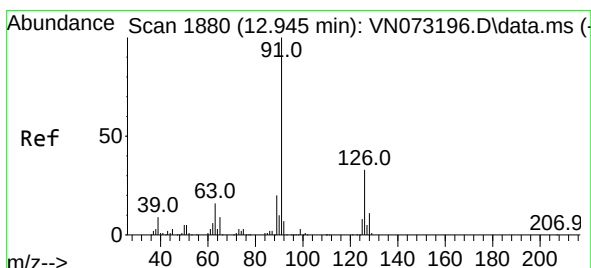
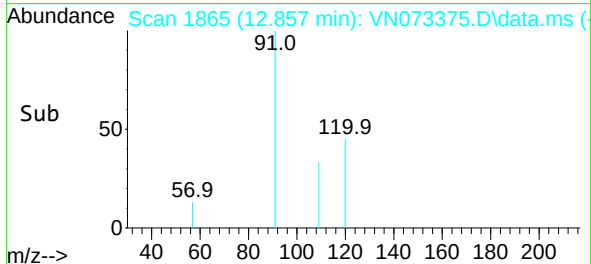
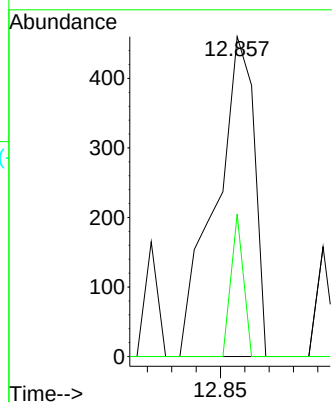
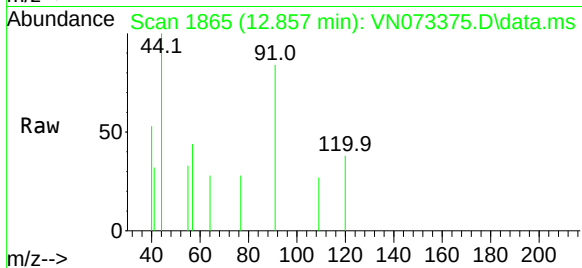
BP-TB-20220706

Tgt Ion: 91 Resp: 507

Ion Ratio Lower Upper

91 100

120 14.2 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.623 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN073375.D

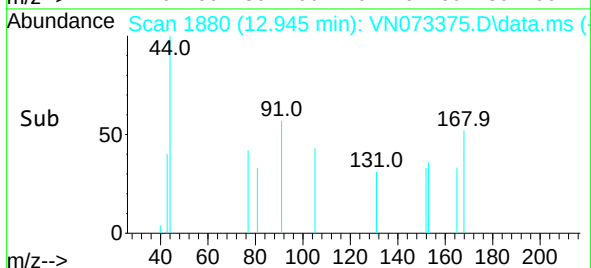
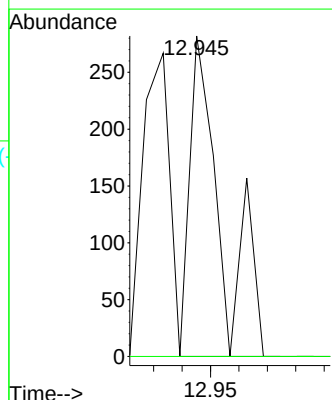
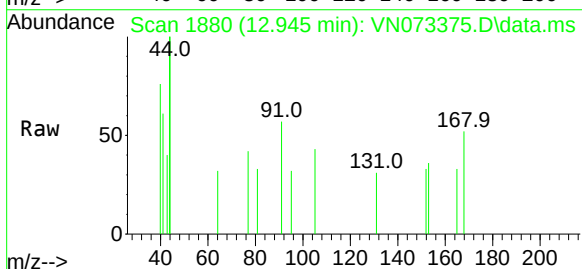
Acq: 07 Jul 2022 16:46

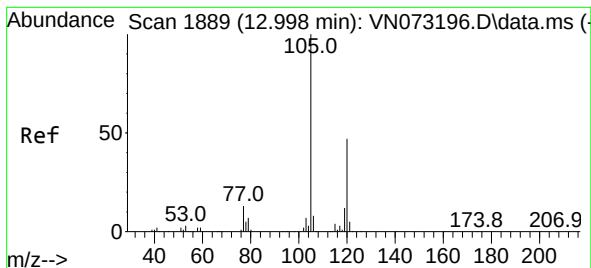
Tgt Ion: 91 Resp: 217

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.996 ug/l

RT: 12.963 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

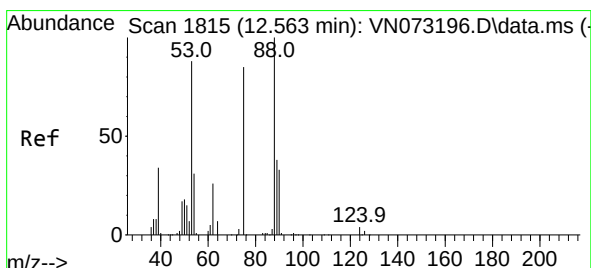
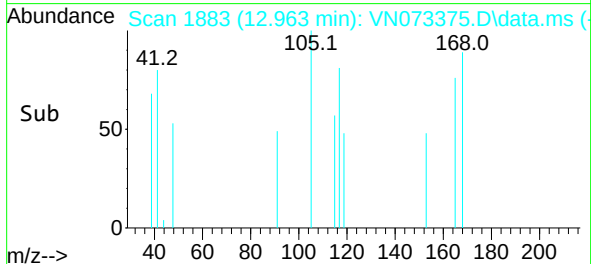
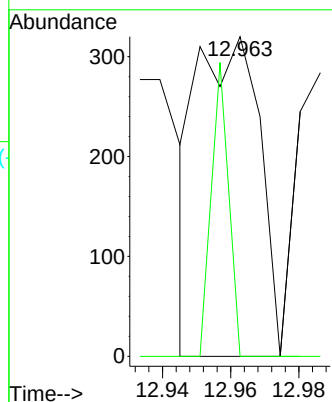
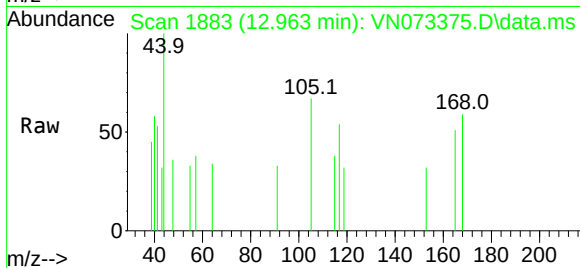
BP-TB-20220706

Tgt Ion:105 Resp: 402

Ion Ratio Lower Upper

105 100

120 25.9 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 37.393 ug/l

RT: 12.675 min Scan# 1834

Delta R.T. 0.112 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

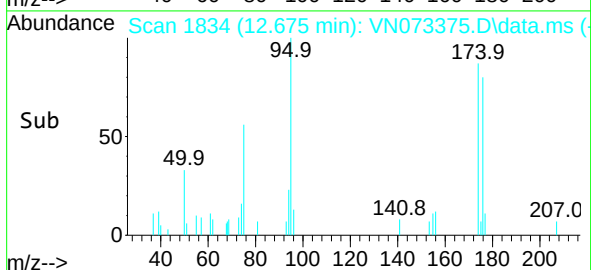
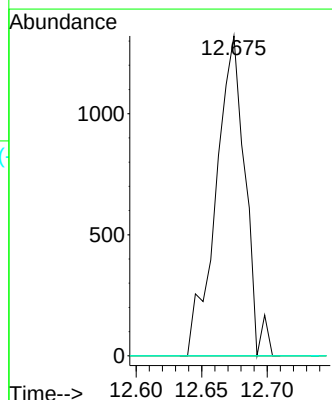
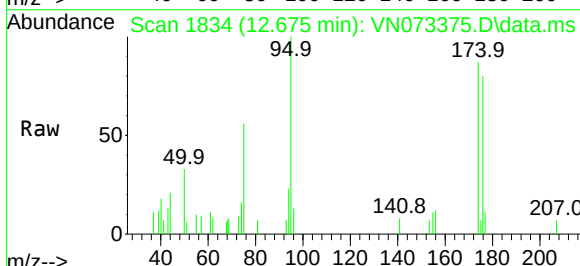
Tgt Ion: 75 Resp: 2045

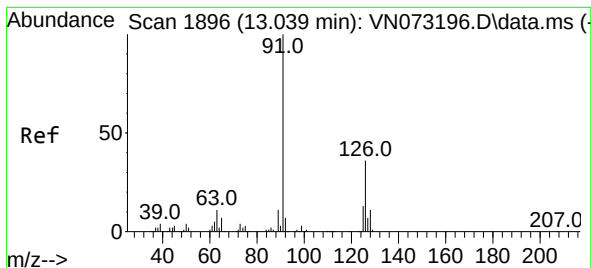
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

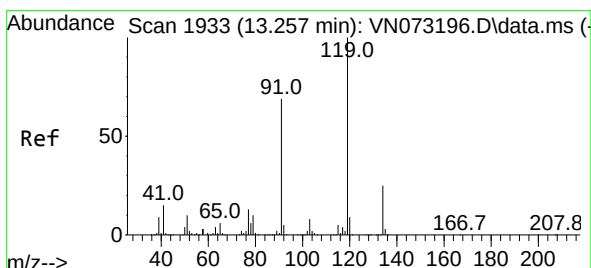
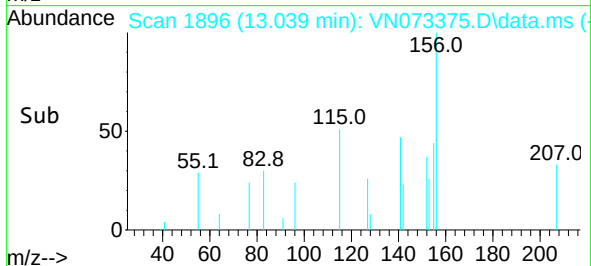
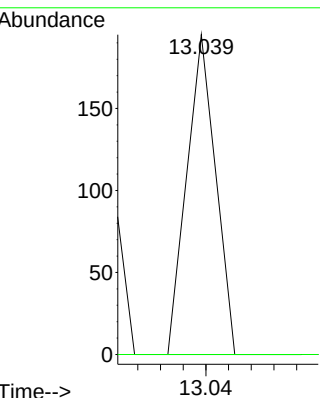
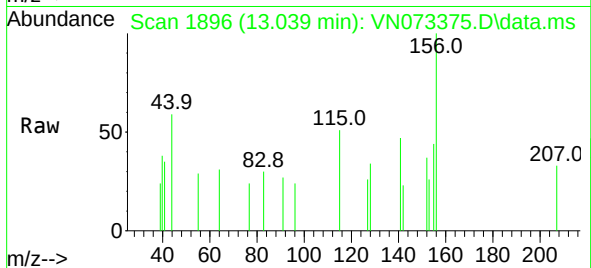




#82
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 13.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

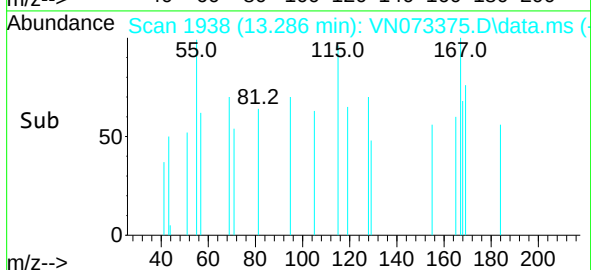
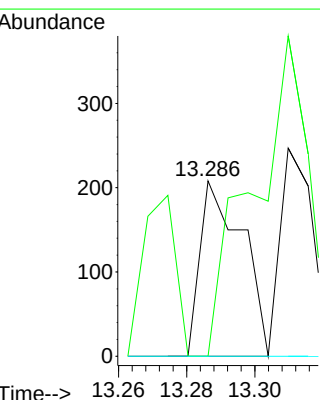
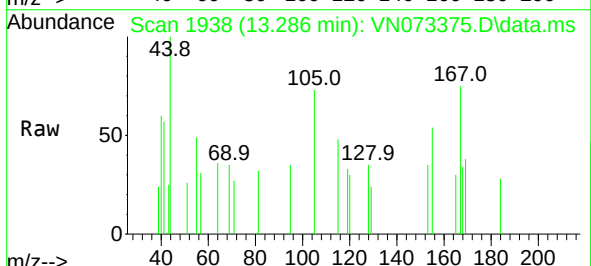
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

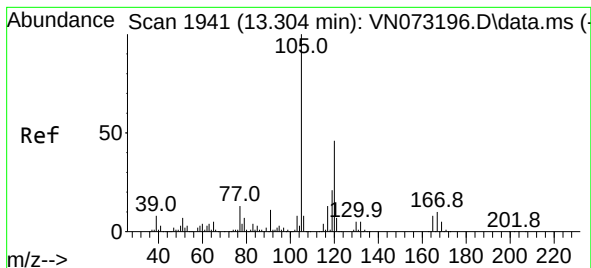
Tgt Ion: 91 Resp: 69
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 0.495 ug/l
RT: 13.286 min Scan# 1938
Delta R.T. 0.029 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 119 Resp: 179
Ion Ratio Lower Upper
119 100
91 101.1 31.6 94.8#
134 0.0 13.7 41.1#





#84

1,2,4-Trimethylbenzene

Concen: 5.857 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

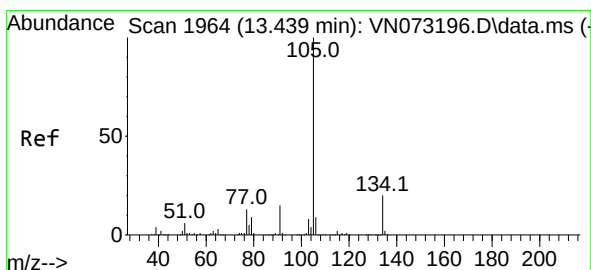
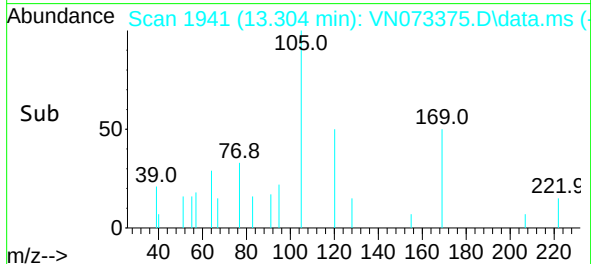
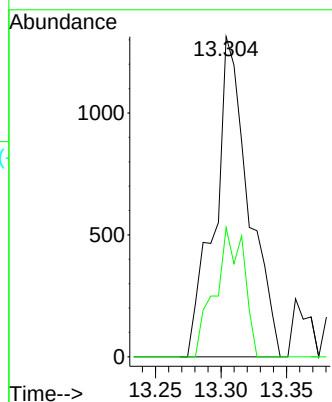
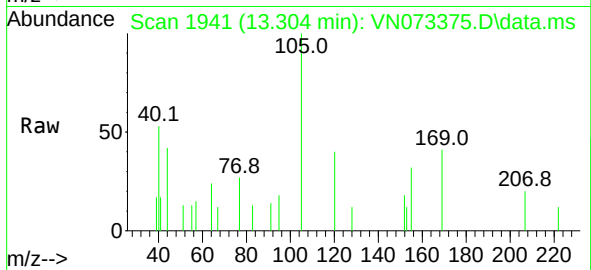
BP-TB-20220706

Tgt Ion:105 Resp: 2361

Ion Ratio Lower Upper

105 100

120 34.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.708 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.118 min

Lab File: VN073375.D

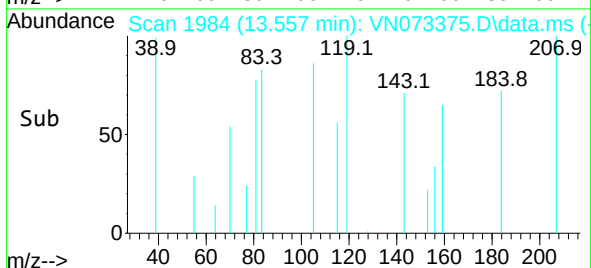
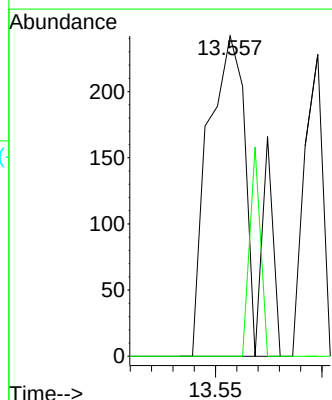
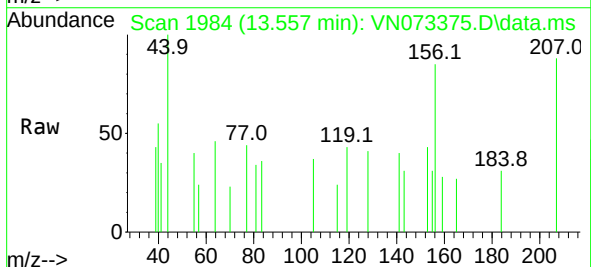
Acq: 07 Jul 2022 16:46

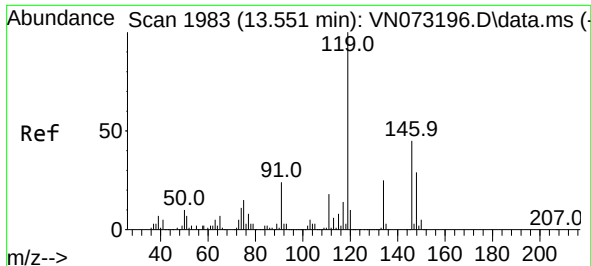
Tgt Ion:105 Resp: 344

Ion Ratio Lower Upper

105 100

134 16.3 10.4 31.1

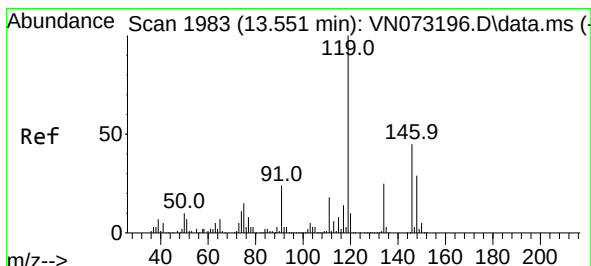
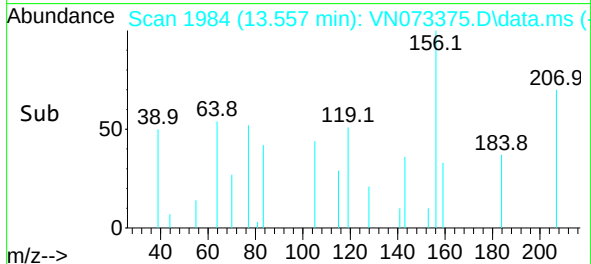
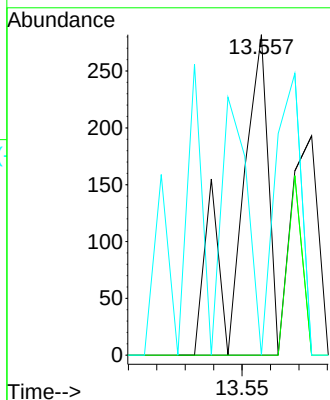
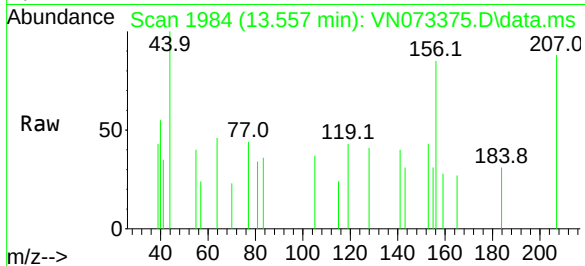




#86
p-Isopropyltoluene
Concen: 0.540 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

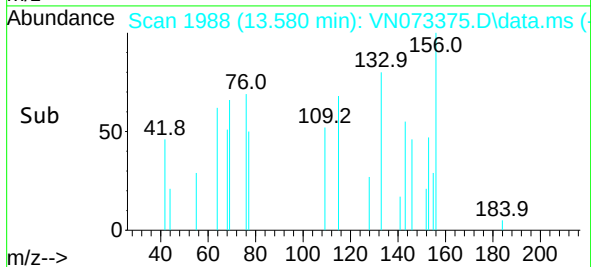
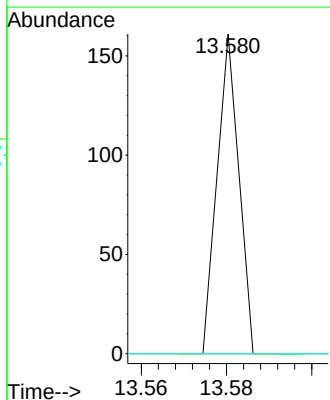
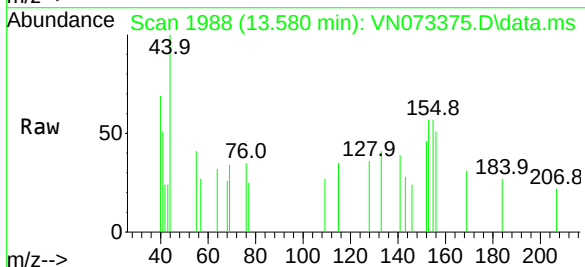
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

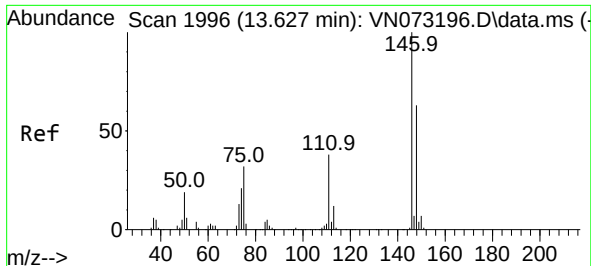
Tgt Ion:119 Resp: 212
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 67.0 11.3 33.9#



#87
1,3-Dichlorobenzene
Concen: 0.276 ug/l
RT: 13.580 min Scan# 1988
Delta R.T. 0.029 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion:146 Resp: 57
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 0.0 32.0 96.0#

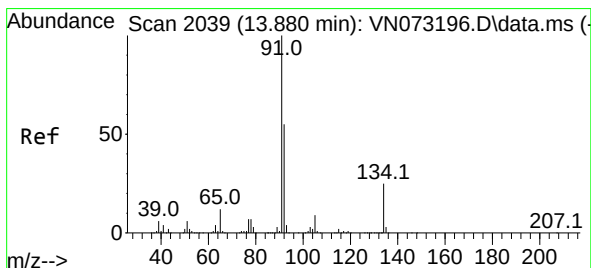
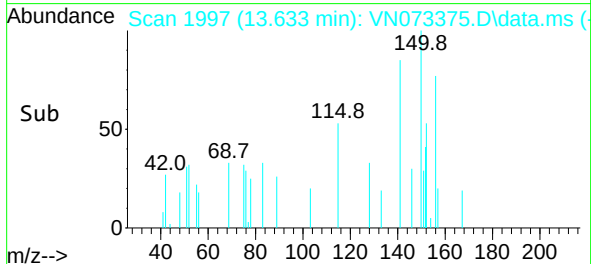
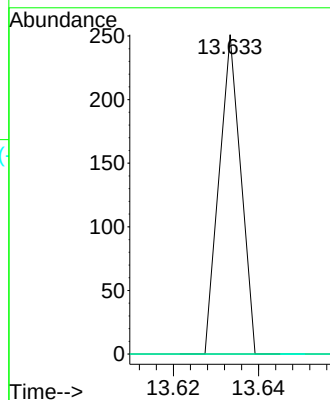
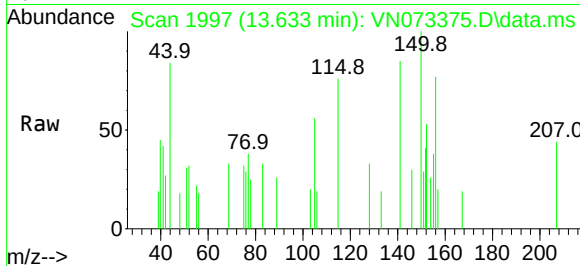




#88
1,4-Dichlorobenzene
Concen: 0.430 ug/l
RT: 13.633 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

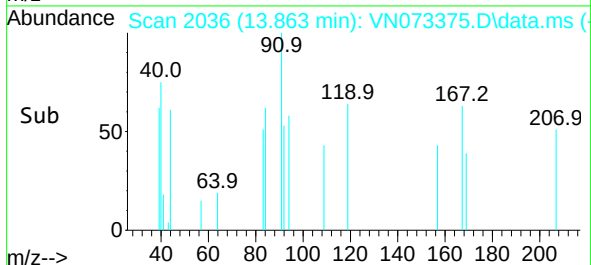
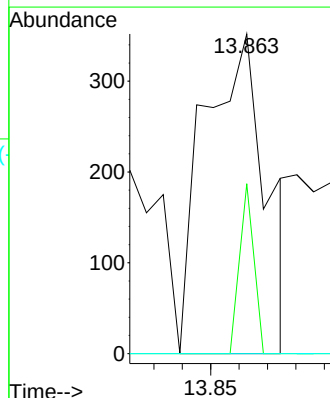
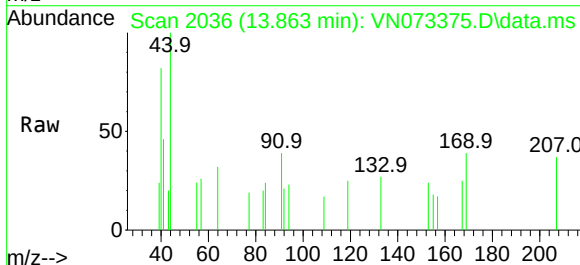
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

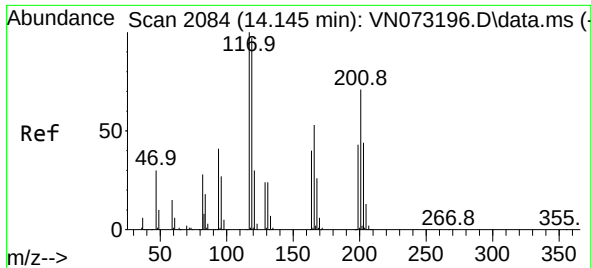
Tgt Ion:146 Resp: 89
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.1#
148 0.0 31.4 94.3#



#89
n-Butylbenzene
Concen: 1.647 ug/l
RT: 13.863 min Scan# 2036
Delta R.T. -0.017 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 91 Resp: 539
Ion Ratio Lower Upper
91 100
92 12.2 26.9 80.7#
134 0.0 13.6 40.8#

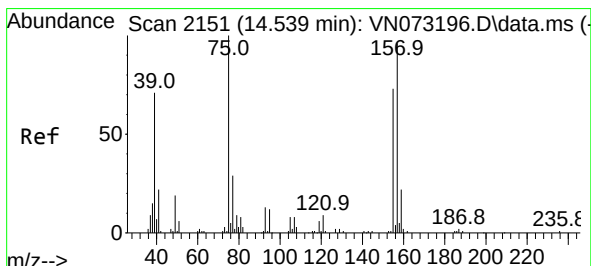
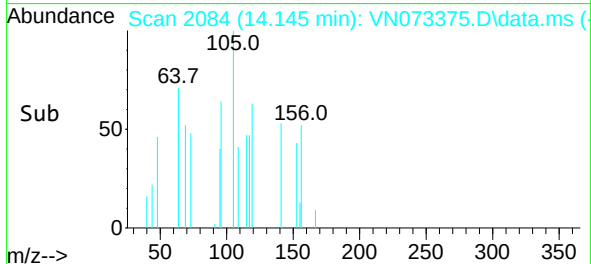
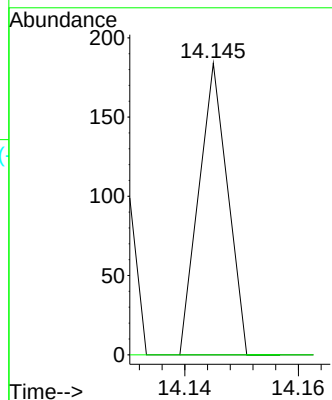
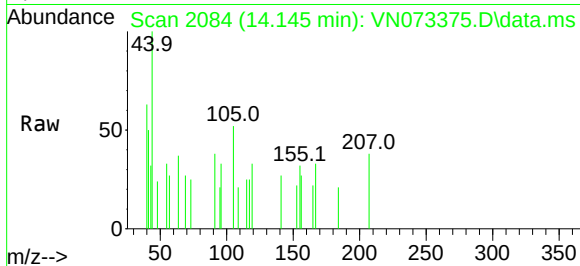




#90
Hexachloroethane
Concen: 0.888 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

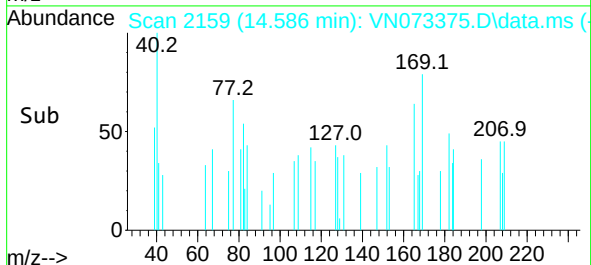
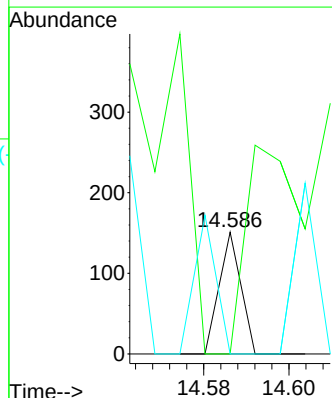
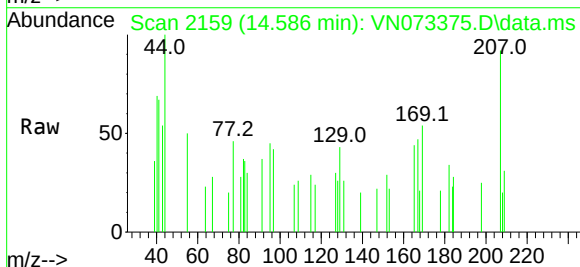
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

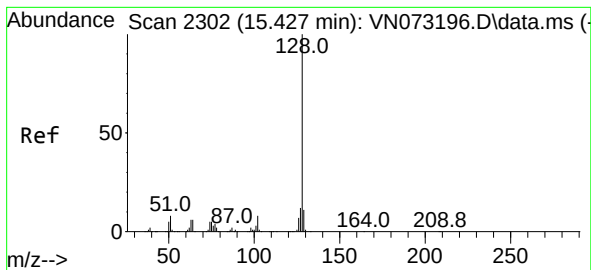
Tgt Ion:117 Resp: 65
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.327 ug/l
RT: 14.586 min Scan# 2159
Delta R.T. 0.047 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 654.7 44.9 134.5#
157 115.1 59.0 176.8





#95
Naphthalene
Concen: 4.768 ug/l
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

Tgt Ion:128 Resp: 2108
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 23.4 8.6 13.0#

