

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071914.D
 Acq On : 08 Apr 2022 14:55
 Operator : JC\MD
 Sample : N2341-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220407

Quant Time: Apr 09 05:21:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

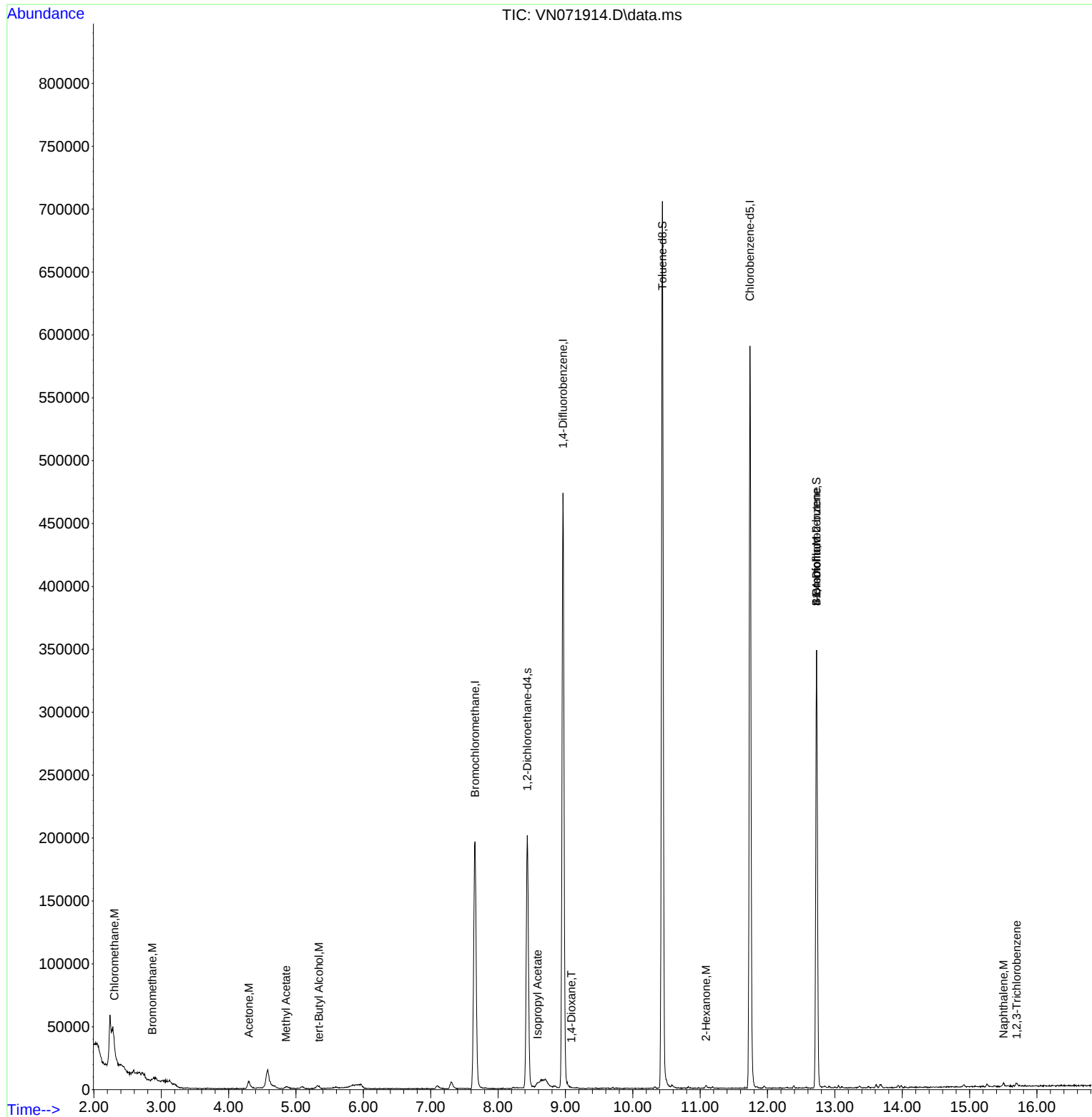
Internal Standards						
1) Bromochloromethane	7.657	128	82581	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	449417	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	371813	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	167557	28.798	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.000%
60) 4-Bromofluorobenzene	12.727	95	125515	22.767	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.900%
63) Toluene-d8	10.439	98	514256	30.469	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.567%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	2833	0.468	ug/l #	74
5) Bromomethane	2.869	94	913	0.223	ug/l #	66
12) Methyl Acetate	4.851	43	1490	0.221	ug/l	95
15) Acetone	4.299	58	2102	2.392	ug/l #	13
23) tert-Butyl Alcohol	5.340	59	694	0.637	ug/l #	100
44) Isopropyl Acetate	8.586	43	3335	0.265	ug/l #	54
45) 1,4-Dioxane	9.086	88	58	0.456	ug/l #	4
56) Bromoform	12.727	173	1125	0.246	ug/l #	1
59) 2-Hexanone	11.086	43	2141	0.415	ug/l #	87
77) t-1,4-Dichloro-2-butene	12.727	75	59234	25.375	ug/l #	8
91) Naphthalene	15.504	128	3936	7.117	ug/l #	91
92) 1,2,3-Trichlorobenzene	15.698	180	1144	0.275	ug/l	79

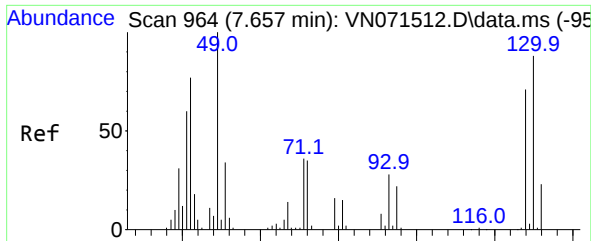
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
Data File : VN071914.D
Acq On : 08 Apr 2022 14:55
Operator : JC\MD
Sample : N2341-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

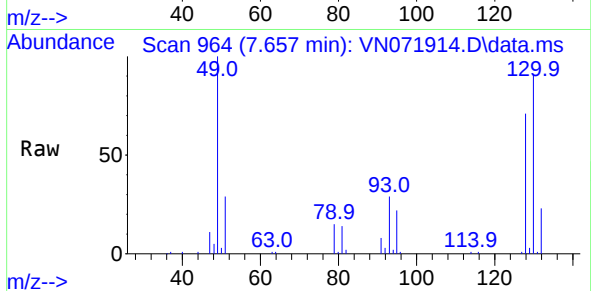
Quant Time: Apr 09 05:21:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration



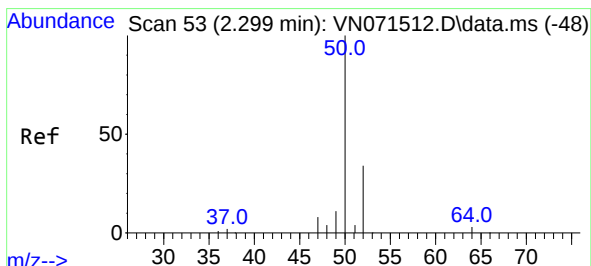
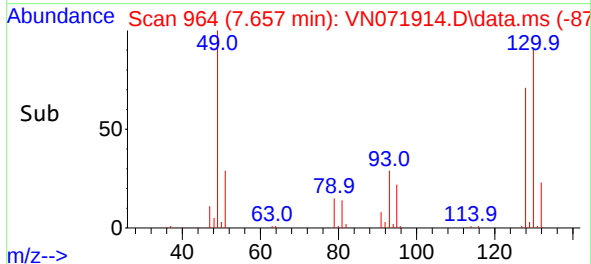
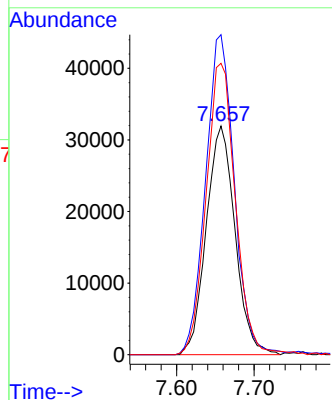


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

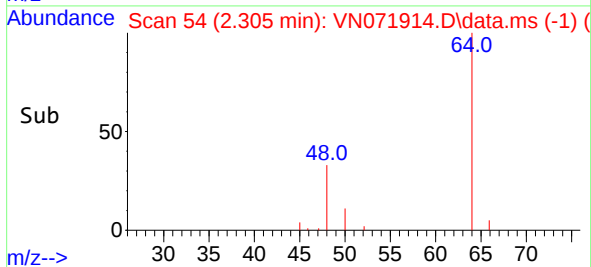
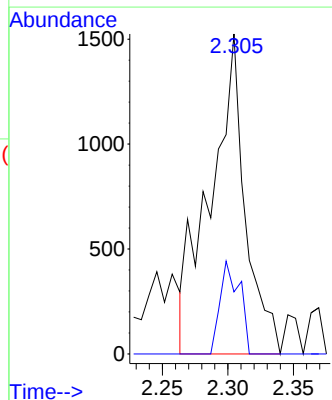
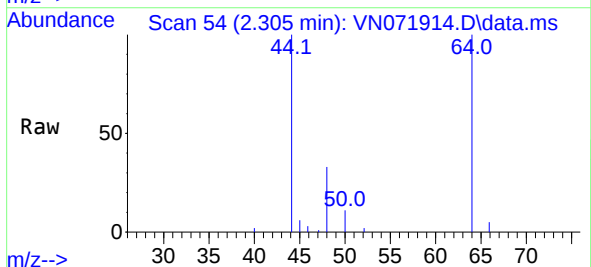


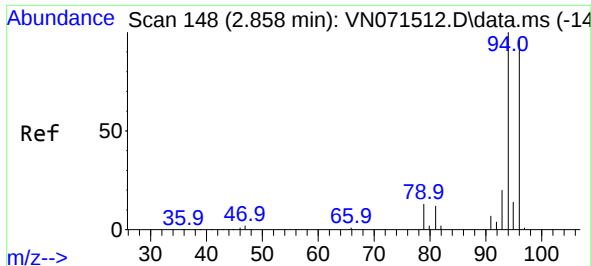
Tgt Ion:128 Resp: 82581
Ion Ratio Lower Upper
128 100
49 139.6 0.0 392.3
130 129.3 0.0 320.2



#3
Chloromethane
Concen: 0.468 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Tgt Ion: 50 Resp: 2833
Ion Ratio Lower Upper
50 100
52 19.4 27.8 41.6#

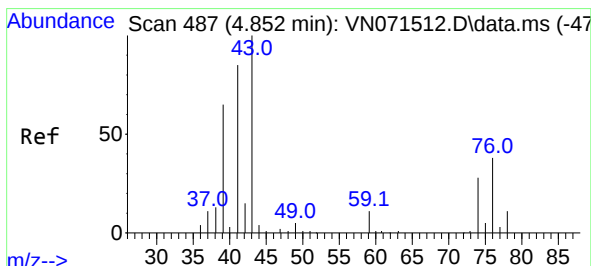
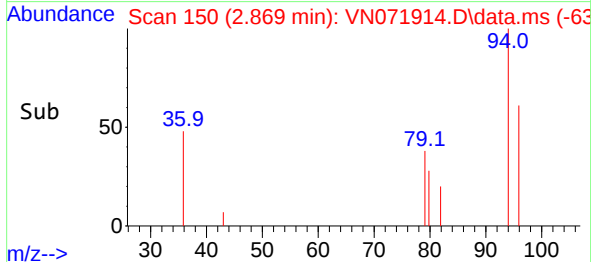
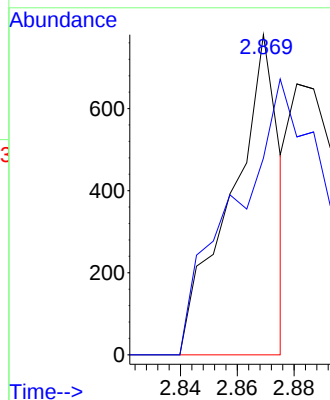
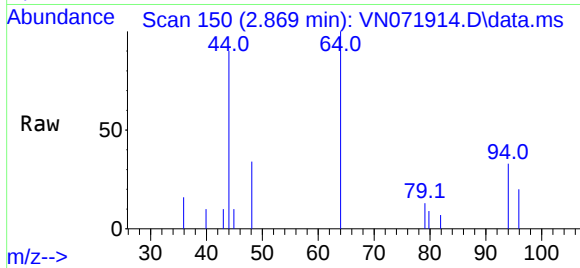




#5
Bromomethane
Concen: 0.223 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

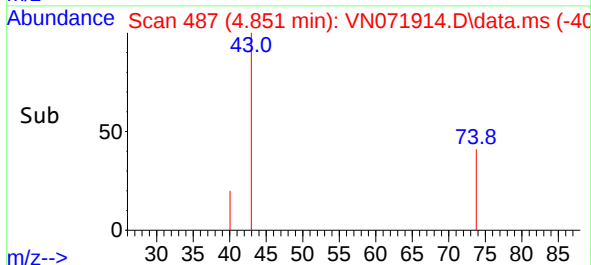
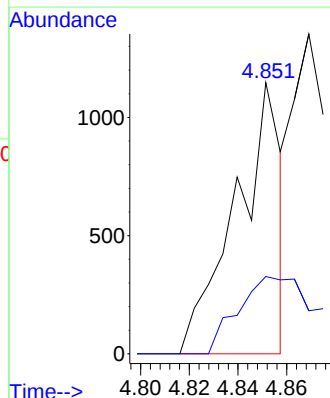
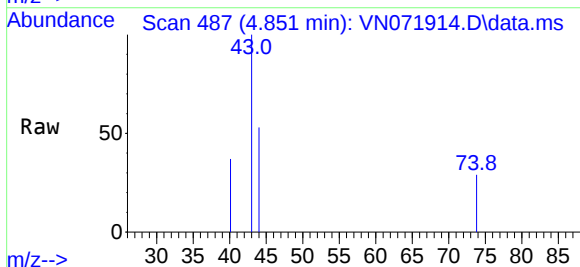
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

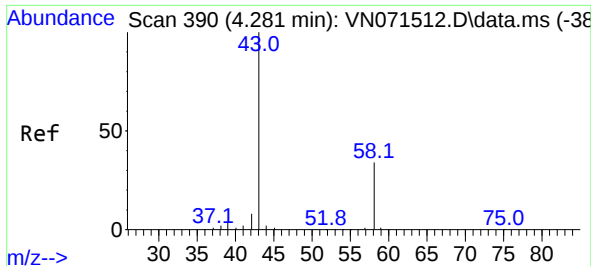
Tgt Ion: 94 Resp: 913
Ion Ratio Lower Upper
94 100
96 61.4 75.2 112.8#



#12
Methyl Acetate
Concen: 0.221 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Tgt Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
74 23.7 20.8 31.2





#15

Acetone

Concen: 2.392 ug/l

RT: 4.299 min Scan# 390

Delta R.T. 0.018 min

Lab File: VN071914.D

Acq: 08 Apr 2022 14:55

Instrument :

MSVOA_N

ClientSampleId :

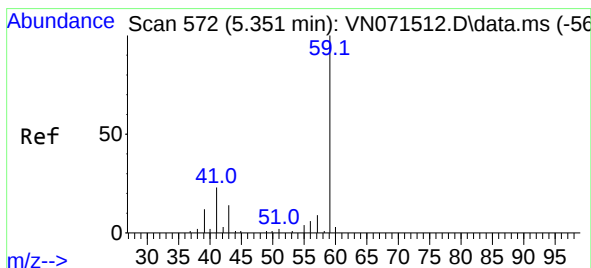
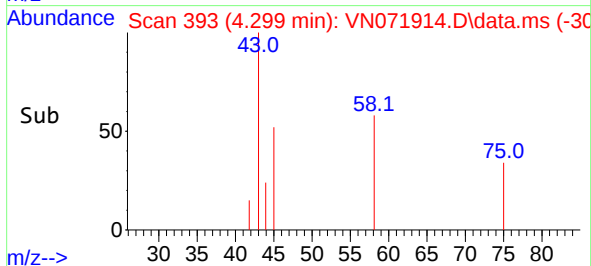
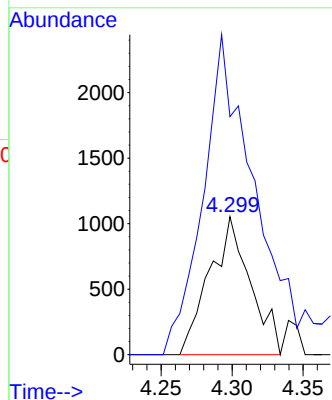
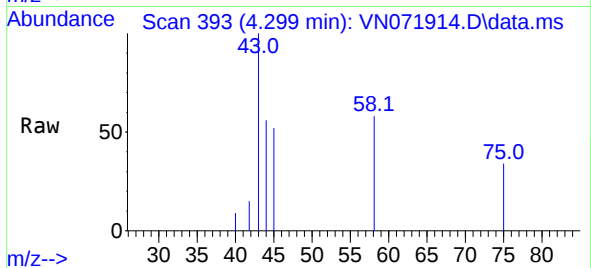
TT-TB-20220407

Tgt Ion: 58 Resp: 2102

Ion Ratio Lower Upper

58 100

43 142.6 256.6 384.8#



#23

tert-Butyl Alcohol

Concen: 0.637 ug/l

RT: 5.340 min Scan# 570

Delta R.T. -0.012 min

Lab File: VN071914.D

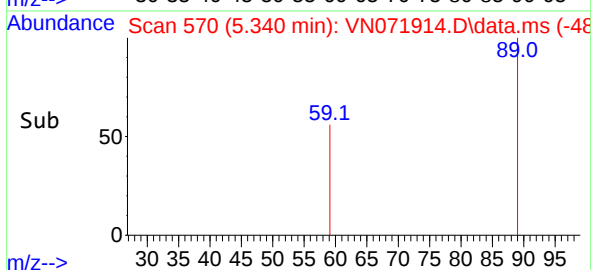
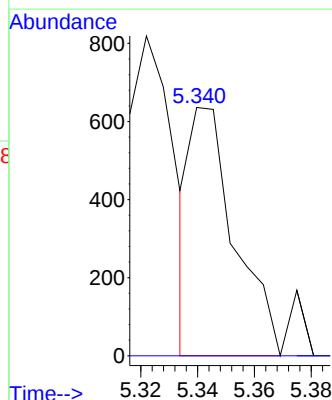
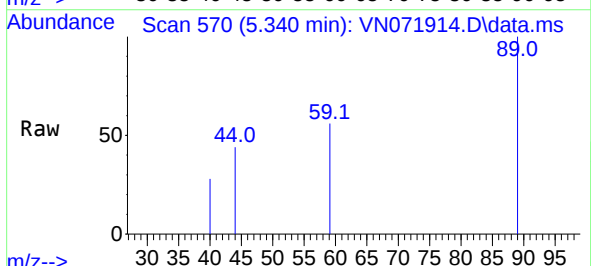
Acq: 08 Apr 2022 14:55

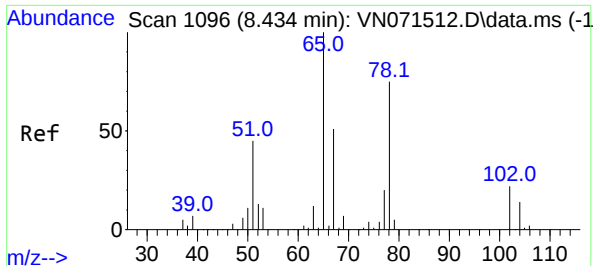
Tgt Ion: 59 Resp: 694

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

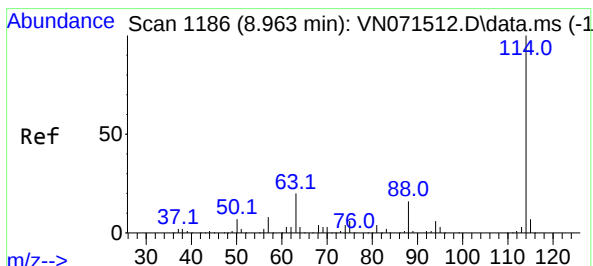
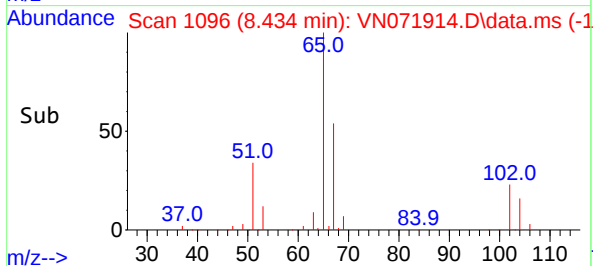
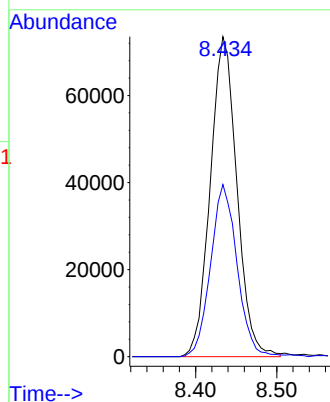
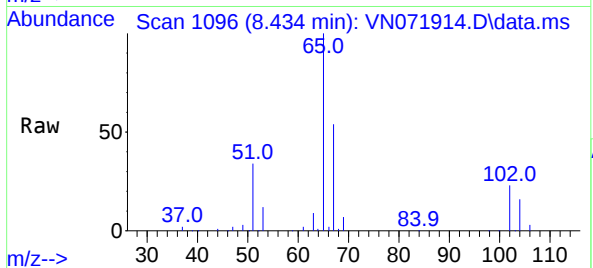




#27
1,2-Dichloroethane-d4
Concen: 28.798 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

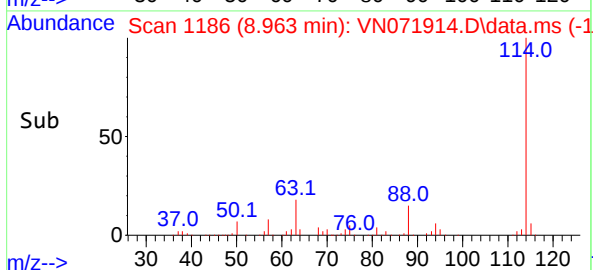
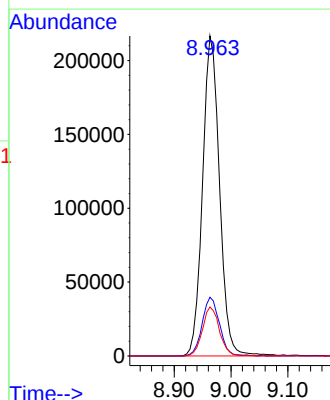
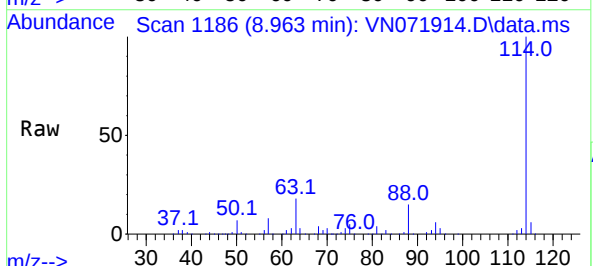
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

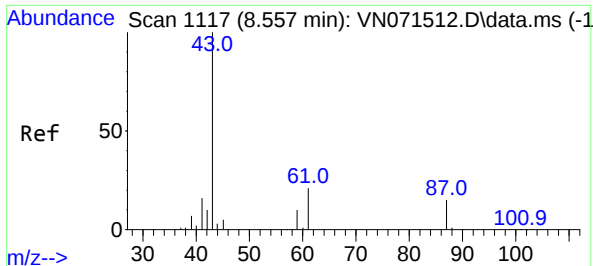
Tgt Ion: 65 Resp: 167557
Ion Ratio Lower Upper
65 100
67 53.5 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Tgt Ion: 114 Resp: 449417
Ion Ratio Lower Upper
114 100
63 18.5 15.8 23.6
88 15.3 11.6 17.4

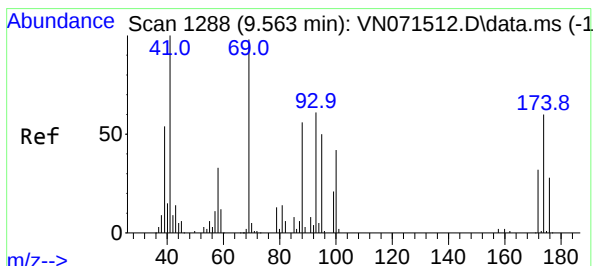
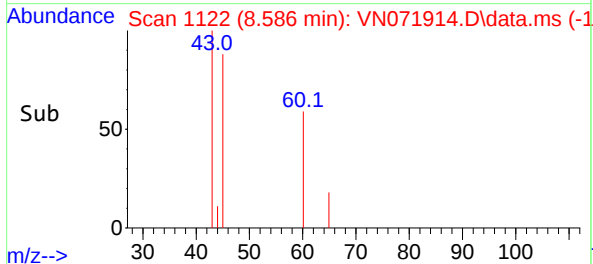
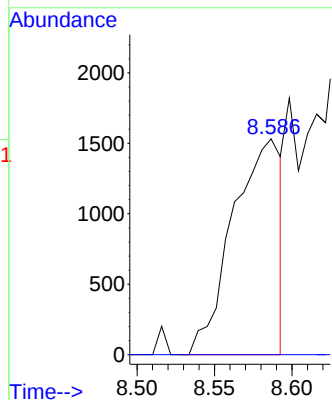
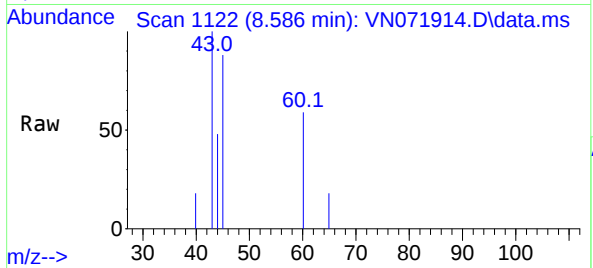




#44
Isopropyl Acetate
Concen: 0.265 ug/l
RT: 8.586 min Scan# 1117
Delta R.T. 0.029 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

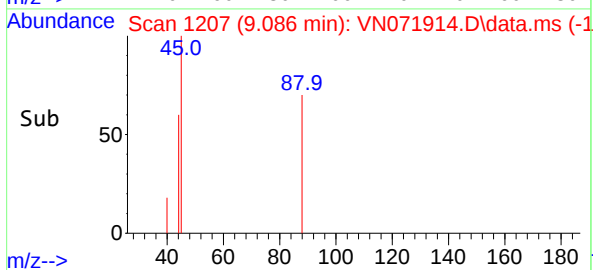
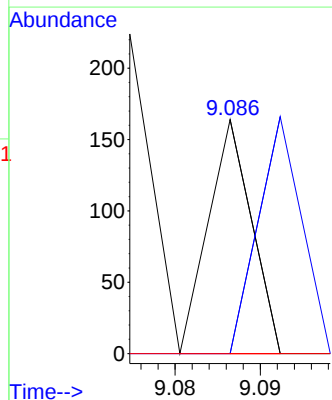
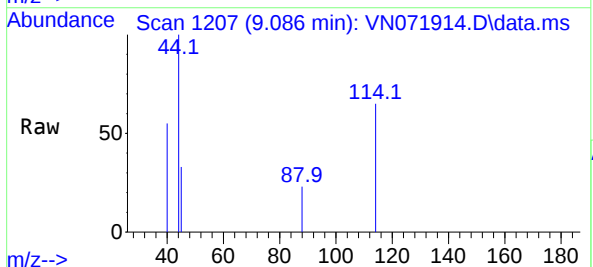
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

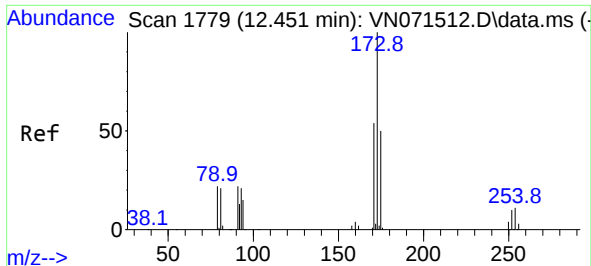
Tgt Ion: 43 Resp: 3335
Ion Ratio Lower Upper
43 100
61 2.1 20.1 30.1#



#45
1,4-Dioxane
Concen: 0.456 ug/l
RT: 9.086 min Scan# 1207
Delta R.T. -0.477 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 101.7 25.0 37.6#
58 0.0 49.4 74.2#

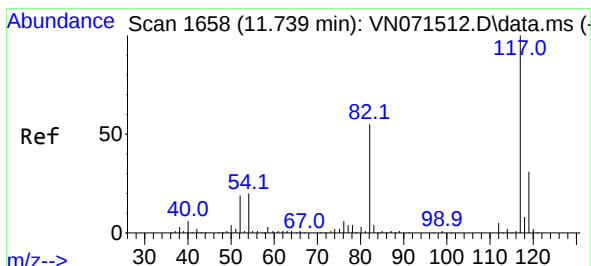
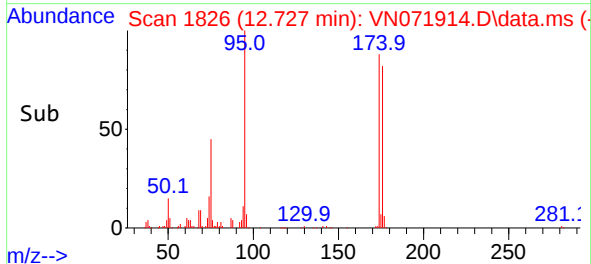
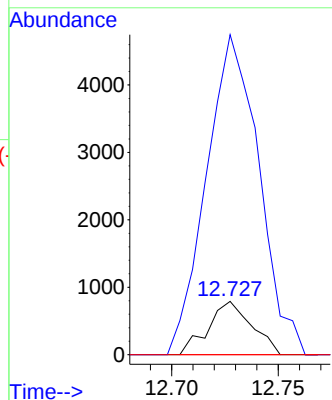
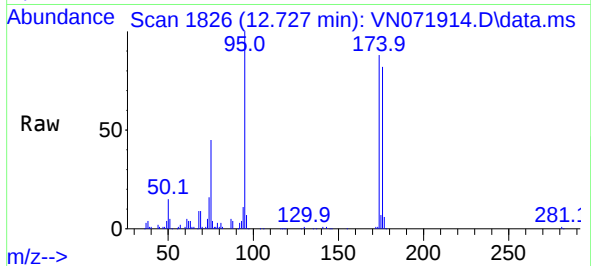




#56
Bromoform
Concen: 0.246 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.276 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

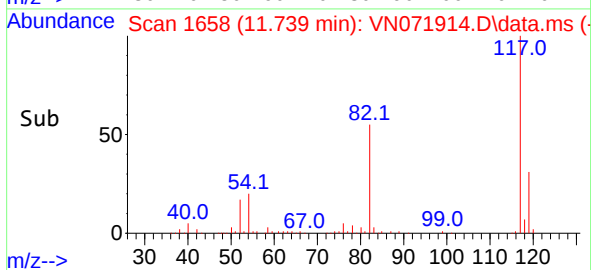
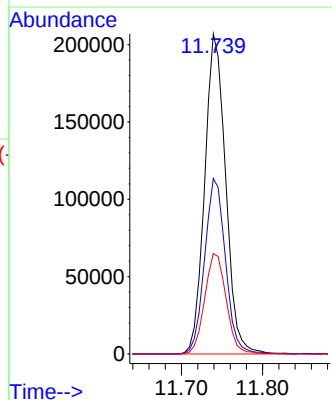
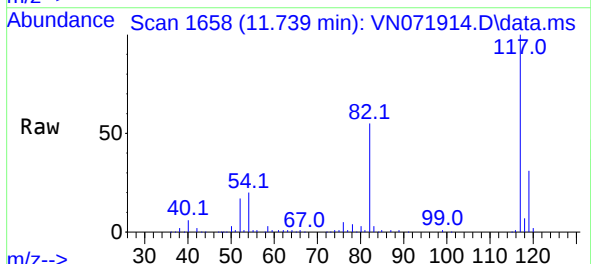
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

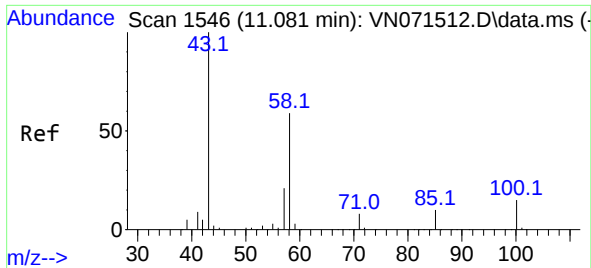
Tgt Ion:173 Resp: 1125
Ion Ratio Lower Upper
173 100
175 725.7 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Tgt Ion:117 Resp: 371813
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 32.0 25.8 38.6

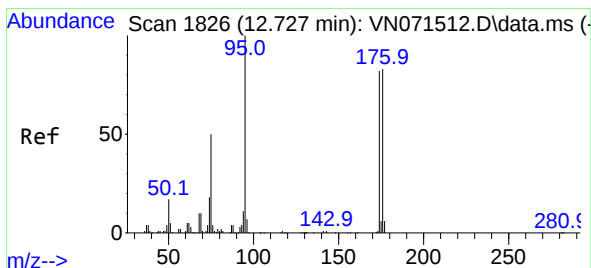
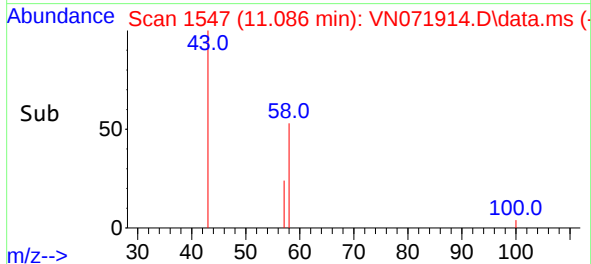
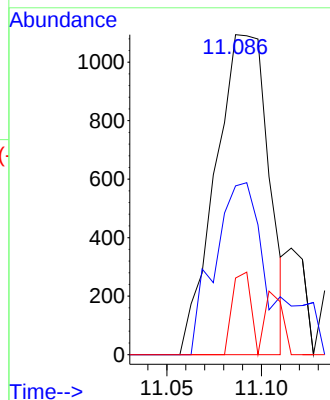
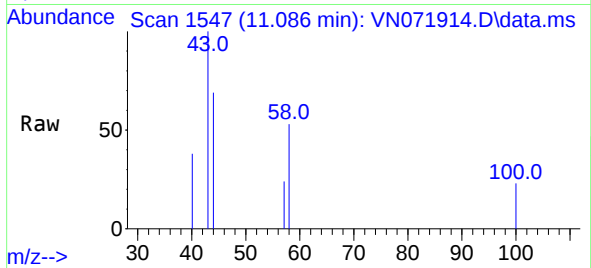




#59
2-Hexanone
Concen: 0.415 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

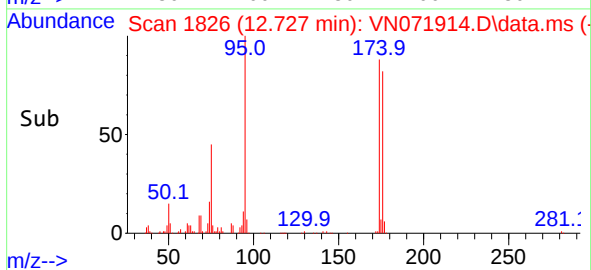
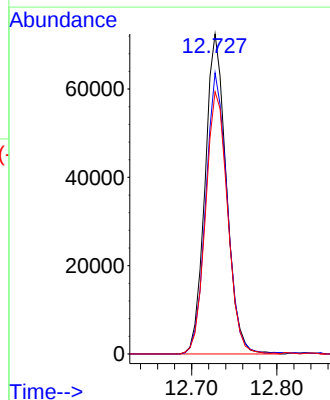
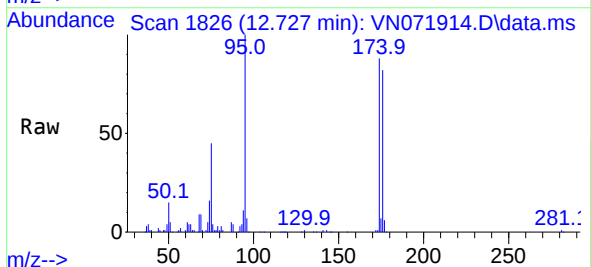
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

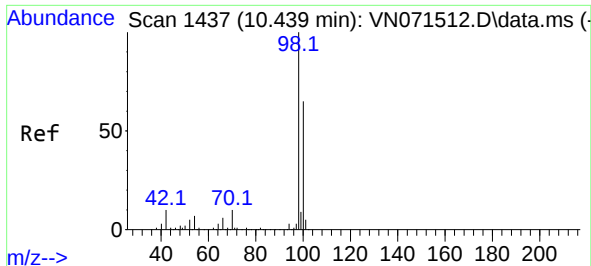
Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
58 45.9 42.2 63.2
57 9.0 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 22.767 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Tgt Ion: 95 Resp: 125515
Ion Ratio Lower Upper
95 100
174 88.7 62.9 94.3
176 84.7 61.0 91.4

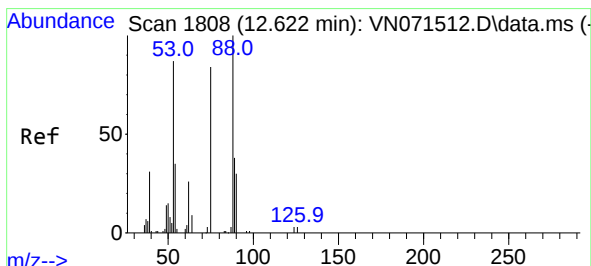
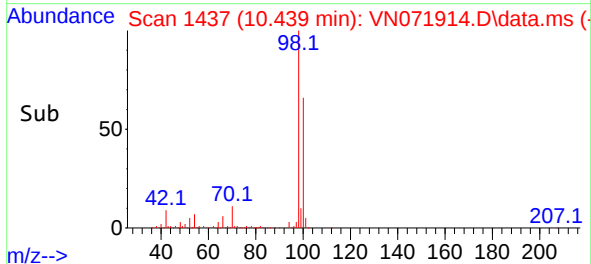
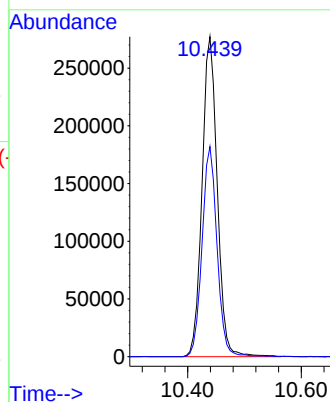
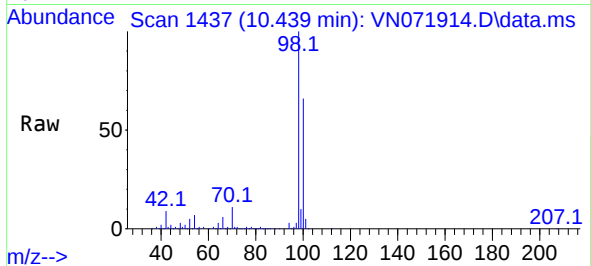




#63
Toluene-d8
Concen: 30.469 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

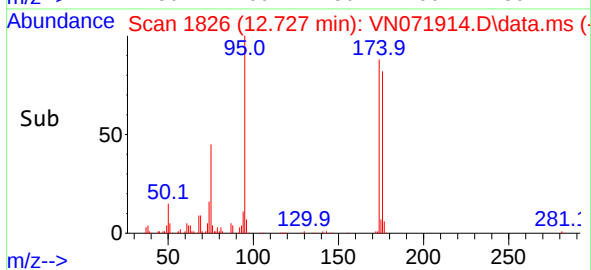
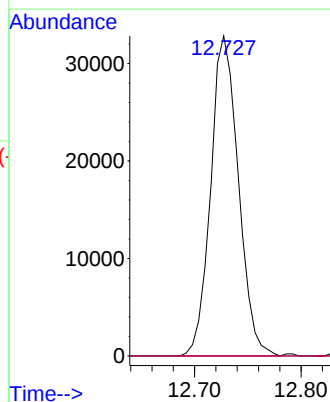
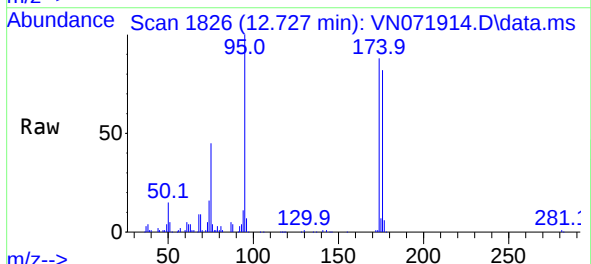
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

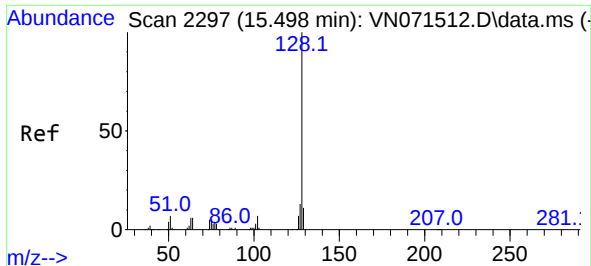
Tgt Ion: 98 Resp: 514256
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 25.375 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Tgt Ion: 75 Resp: 59234
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#

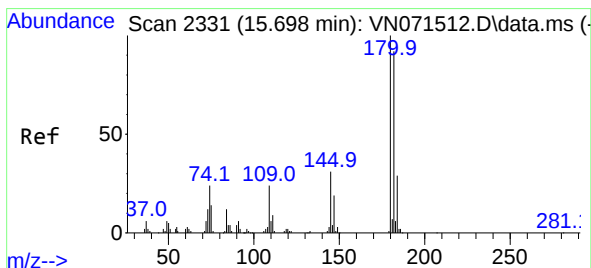
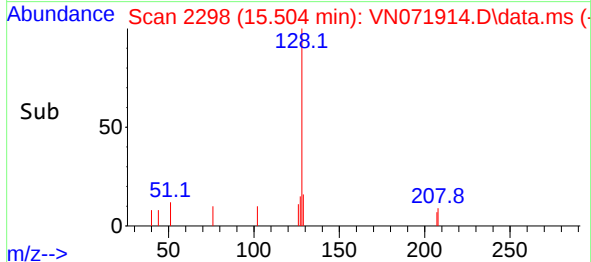
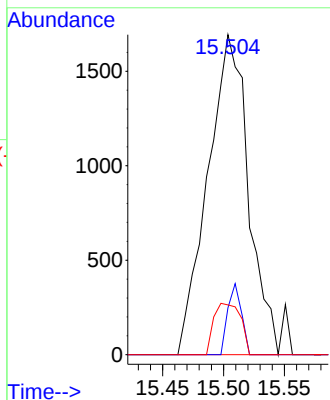
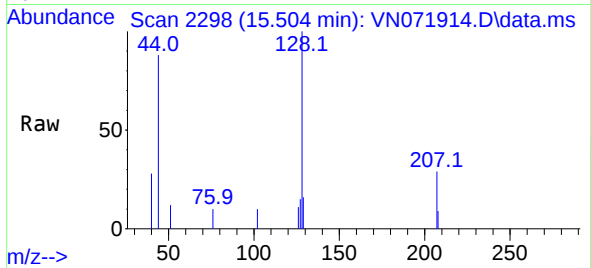




#91
Naphthalene
Concen: 7.117 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220407

Tgt Ion:128 Resp: 3936
Ion Ratio Lower Upper
128 100
127 7.4 10.7 16.1#
129 10.5 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 0.275 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071914.D
Acq: 08 Apr 2022 14:55

Tgt Ion:180 Resp: 1144
Ion Ratio Lower Upper
180 100
182 117.2 0.0 190.0
145 24.5 0.0 67.8

