

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070028.D
 Acq On : 13 Dec 2021 11:35
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 13 13:24:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 13 13:20:37 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

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

Internal Standards						
1) Bromochloromethane	7.659	128	170678	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	966235	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	914637	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	459368	31.033	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.433%			
60) 4-Bromofluorobenzene	12.731	95	463306	31.654	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.500%			
63) Toluene-d8	10.441	98	1242348	29.418	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.067%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	1352068	107.205	ug/l	98
3) Chloromethane	2.303	50	1486813	113.067	ug/l	97
4) Vinyl Chloride	2.448	62	1409385	105.701	ug/l	100
5) Bromomethane	2.842	94	747747	87.564	ug/l	99
6) Chloroethane	3.014	64	805203	95.715	ug/l	96
7) Trichlorofluoromethane	3.376	101	1811057	92.668	ug/l	97
8) Diethyl Ether	3.824	74	721744	116.994	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.210	101	1066371	117.916	ug/l #	71
10) 1,1-Dichloroethene	4.178	96	1021473	119.760	ug/l	84
11) Methyl Iodide	4.420	142	1482067	124.713	ug/l	97
12) Methyl Acetate	4.854	43	2580223	105.041	ug/l #	89
13) Acrolein	4.039	56	1009490	1494.726	ug/l	100
14) Acrylonitrile	5.554	53	3773183	563.025	ug/l	99
15) Acetone	4.285	58	1320768	591.461	ug/l	76
16) Carbon Disulfide	4.527	76	3080280	144.479	ug/l	98
17) Allyl chloride	4.841	41	2364406	130.426	ug/l	88
18) Methylene Chloride	5.095	84	1220495	112.323	ug/l #	86
19) trans-1,2-Dichloroethene	5.597	96	1089486	116.400	ug/l #	83
20) Diisopropyl ether	6.498	45	4493419	115.676	ug/l #	93
21) 1,1-Dichloroethane	6.388	63	2337155	118.596	ug/l	98
22) cis-1,2-Dichloroethene	7.327	96	1305464	112.456	ug/l	89
23) tert-Butyl Alcohol	5.374	59	1155602	495.469	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	3753885	109.818	ug/l	95
25) Chloroform	7.818	83	2295293	112.647	ug/l	99
26) Cyclohexane	8.094	56	2189501	117.021	ug/l #	85
29) 1,1-Dichloropropene	8.223	75	1736600	117.739	ug/l	95
30) 2-Butanone	7.335	43	6131566	574.325	ug/l #	91
31) 2,2-Dichloropropane	7.327	77	1869274	119.879	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	2018043	117.200	ug/l	94
33) Carbon Tetrachloride	8.206	117	1784397	125.473	ug/l	99
34) Benzene	8.461	78	5064129	112.903	ug/l	100
35) Methacrylonitrile	7.638	41	1155532	118.010	ug/l	89
36) 1,2-Dichloroethane	8.531	62	1989989	115.079	ug/l	98
37) Trichloroethene	9.218	130	1222697	112.835	ug/l	93
38) Methylcyclohexane	9.459	83	2119064	116.125	ug/l	88
39) 1,2-Dichloropropane	9.488	63	1369447	115.279	ug/l	99
40) Dibromomethane	9.577	93	892007	112.118	ug/l	95
41) Bromodichloromethane	9.762	83	1899969	127.230	ug/l	95
42) Vinyl Acetate	6.434	43	18385894	609.389	ug/l #	95

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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	2172398	109.800	ug/l	97
44) Isopropyl Acetate	8.560	43	3523471	114.230	ug/l	95
45) 1,4-Dioxane	9.569	88	482517	1927.058	ug/l #	85
46) Methyl methacrylate	9.561	41	1767688	124.431	ug/l	82
47) n-amyl Acetate	12.388	43	2752742	116.215	ug/l	97
48) t-1,3-Dichloropropene	10.717	75	2054060	128.170	ug/l	99
49) cis-1,3-Dichloropropene	10.188	75	2179707	124.990	ug/l	94
50) 1,1,2-Trichloroethane	10.896	97	1235142	109.325	ug/l	97
51) Ethyl methacrylate	10.760	69	2144675	113.224	ug/l	89
52) 1,3-Dichloropropane	11.044	76	2185193	111.974	ug/l	99
53) Dibromochloromethane	11.237	129	1401685	129.833	ug/l	100
54) 1,2-Dibromoethane	11.344	107	1307021	111.706	ug/l	97
55) 2-Chloroethyl vinyl ether	10.041	63	2132573	494.958	ug/l	96
56) Bromoform	12.457	173	1090275	140.829	ug/l #	99
58) 4-Methyl-2-Pentanone	10.331	43	11346583	565.153	ug/l #	95
59) 2-Hexanone	11.084	43	8549821	559.839	ug/l	95
61) Tetrachloroethene	10.977	164	1065732	108.562	ug/l	93
62) Toluene	10.505	91	5505234	109.533	ug/l	98
64) Chlorobenzene	11.771	112	3322349	110.177	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.841	131	1258925	118.586	ug/l	99
66) Ethyl Benzene	11.843	91	6310586	113.435	ug/l	100
67) m/p-Xylenes	11.953	106	4623019	223.736	ug/l	95
68) o-Xylene	12.280	106	2302259	111.279	ug/l	94
69) Styrene	12.294	104	3829491	114.171	ug/l	96
70) Isopropylbenzene	12.578	105	6090047	112.556	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	1951054	109.278	ug/l	98
72) 1,2,3-Trichloropropane	12.878	75	1798727m	103.419	ug/l	
73) Bromobenzene	12.860	156	1402347	112.434	ug/l	91
74) n-propylbenzene	12.919	91	7173679	115.444	ug/l	99
75) 2-Chlorotoluene	13.007	91	4301217	113.706	ug/l	96
76) 1,3,5-Trimethylbenzene	13.058	105	5029593	113.256	ug/l	100
77) t-1,4-Dichloro-2-butene	12.626	75	642229	136.792	ug/l	93
78) 4-Chlorotoluene	13.104	91	4214918	116.352	ug/l	94
79) tert-butylbenzene	13.324	119	4356799	111.526	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	4886682m	112.801	ug/l	
81) sec-Butylbenzene	13.501	105	6221140	113.819	ug/l	99
82) p-Isopropyltoluene	13.616	119	5018056	115.062	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	2442697	114.547	ug/l	99
84) 1,4-Dichlorobenzene	13.694	146	2384605	115.266	ug/l	98
85) n-Butylbenzene	13.943	91	4417730	121.369	ug/l	99
86) Hexachloroethane	14.211	117	978615	135.584	ug/l	87
87) 1,2-Dichlorobenzene	13.989	146	2328145	113.122	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	406012	129.906	ug/l	97
89) 1,2,4-Trichlorobenzene	15.263	180	1203339	121.943	ug/l	98
90) Hexachlorobutadiene	15.370	225	631899	118.415	ug/l	99
91) Naphthalene	15.504	128	3356321	118.068	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	1134856	116.984	ug/l	99

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

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Manual Integrations

APPROVED

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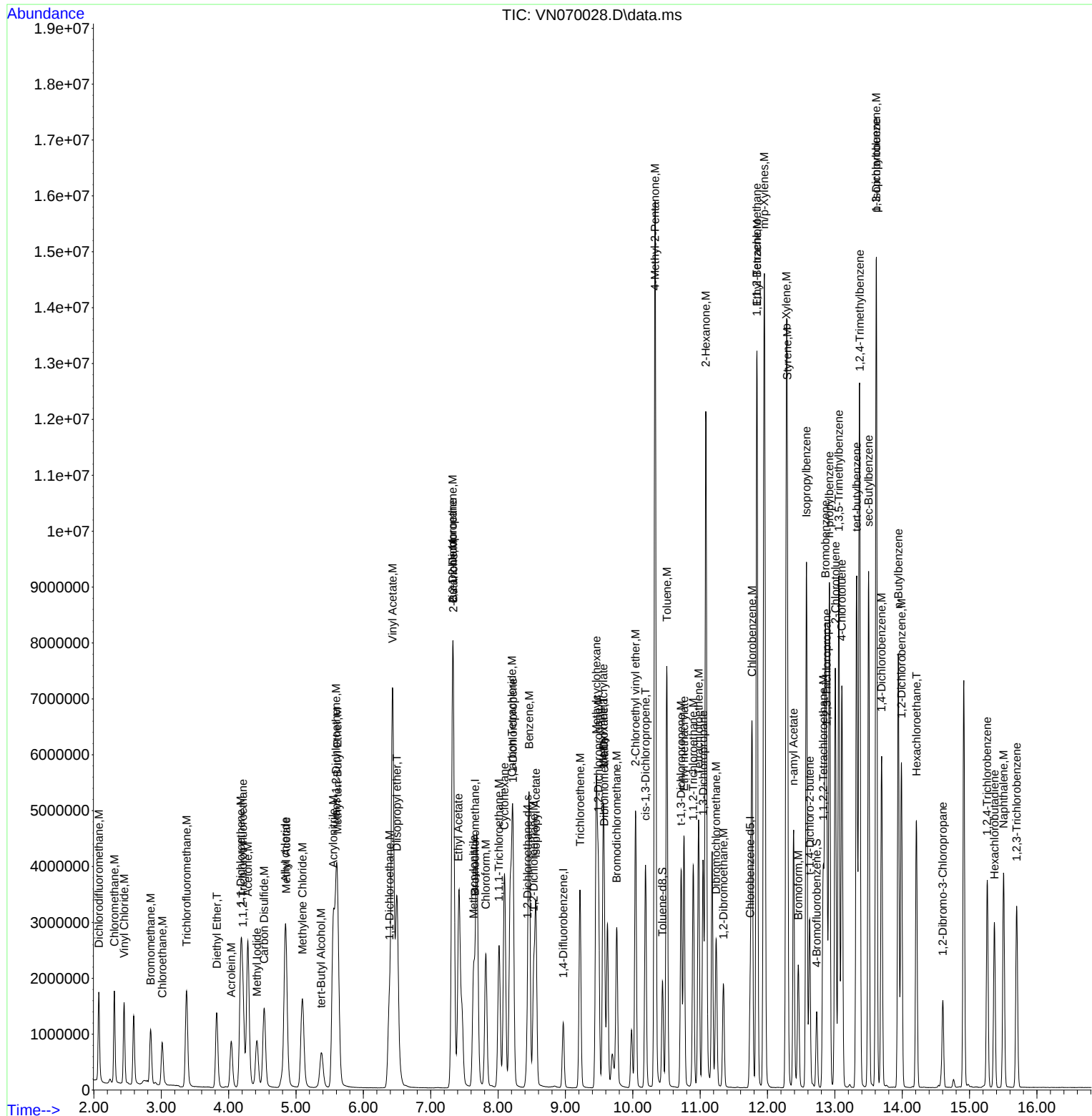
Quant Time: Dec 13 13:24:14 2021

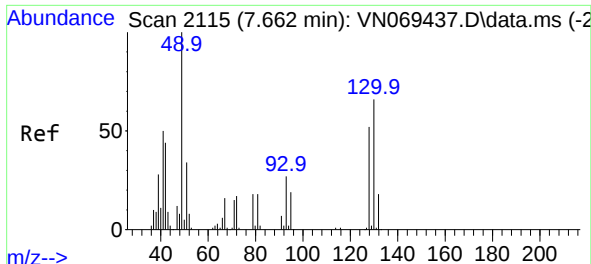
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Mon Dec 13 13:20:37 2021

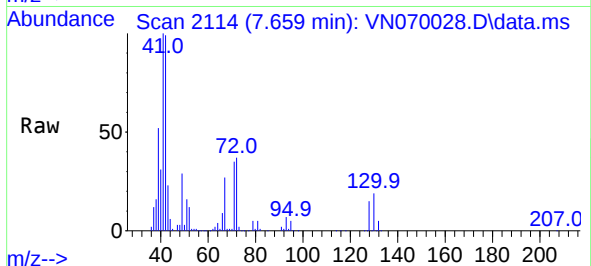
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

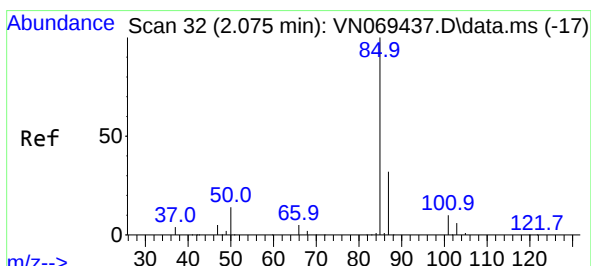
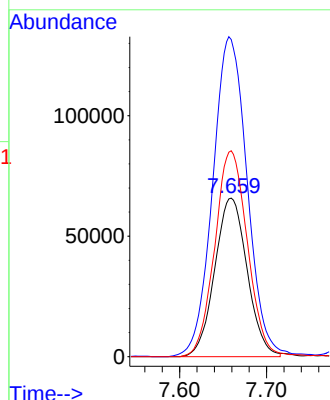
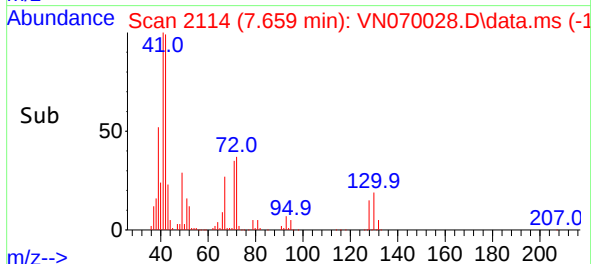
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



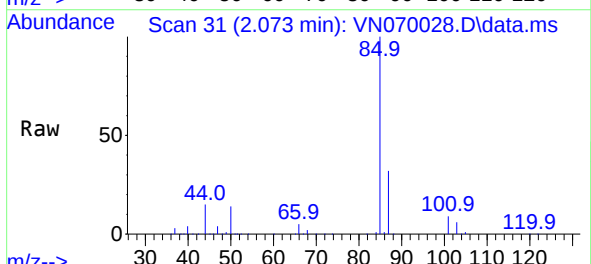
Tgt Ion:128 Resp: 170678
Ion Ratio Lower Upper
128 100
49 215.0 0.0 392.3
130 131.4 0.0 320.2

Manual Integrations
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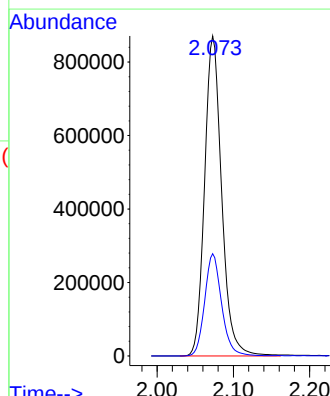
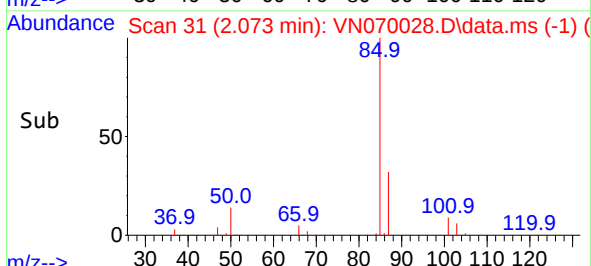
Reviewed By :John Carlone 12/14/2021
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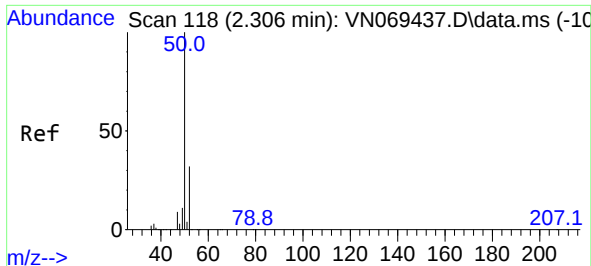


#2
Dichlorodifluoromethane
Concen: 107.205 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion: 85 Resp: 1352068
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7





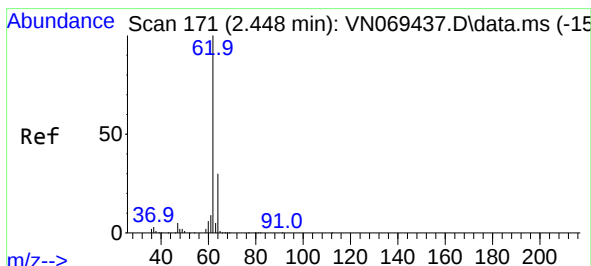
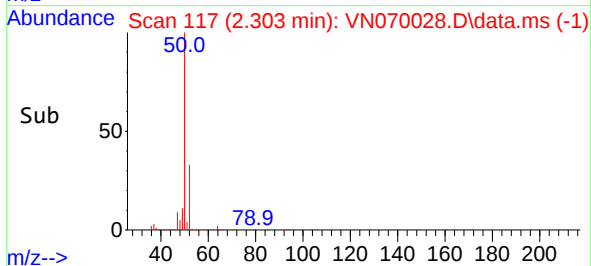
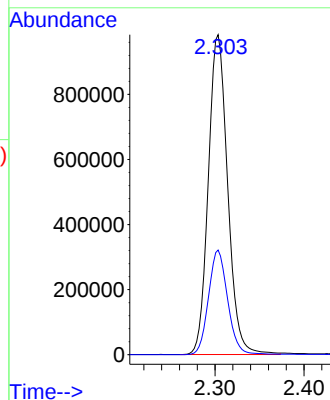
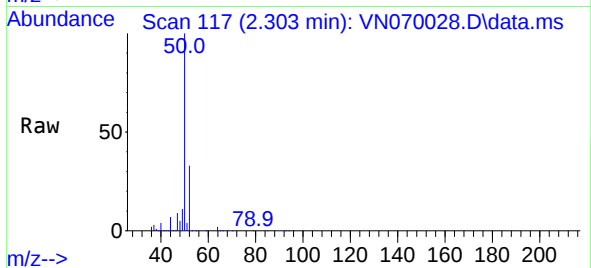
#3
Chloromethane
Concen: 113.067 ug/l
RT: 2.303 min Scan# 118
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
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Tgt Ion: 50 Resp: 148681
Ion Ratio Lower Upper
50 100
52 32.7 27.8 41.6

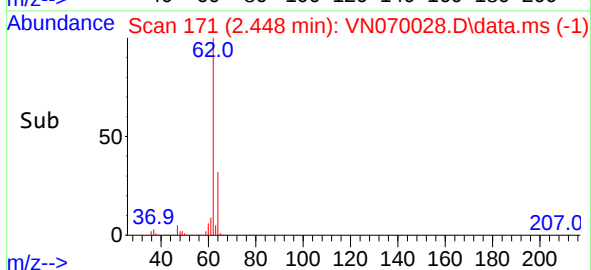
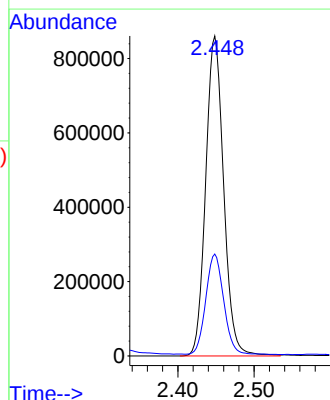
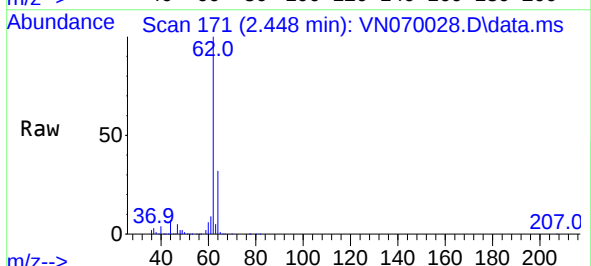
Manual Integrations
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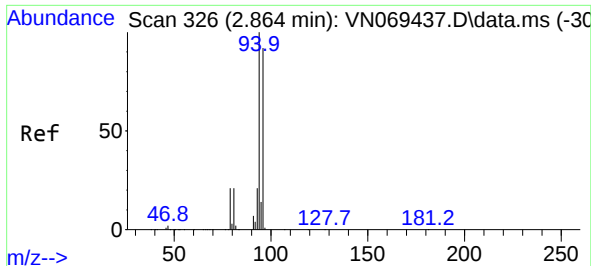
Reviewed By :John Carlone 12/14/2021
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#4
Vinyl Chloride
Concen: 105.701 ug/l
RT: 2.448 min Scan# 171
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

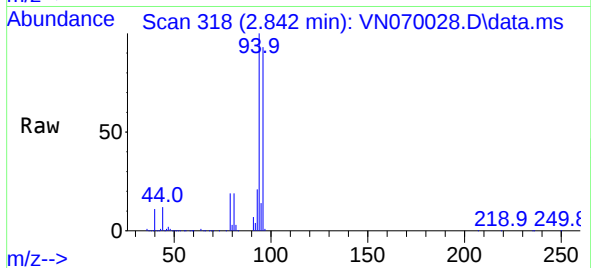
Tgt Ion: 62 Resp: 1409385
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5
Bromomethane
Concen: 87.564 ug/l
RT: 2.842 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

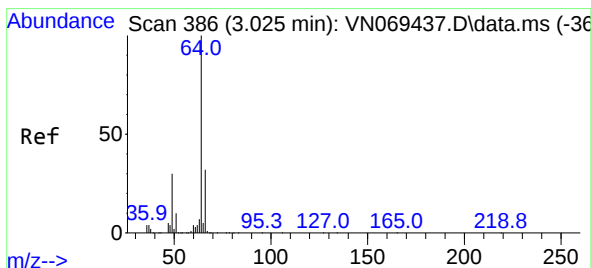
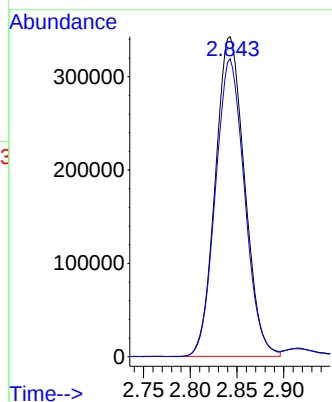
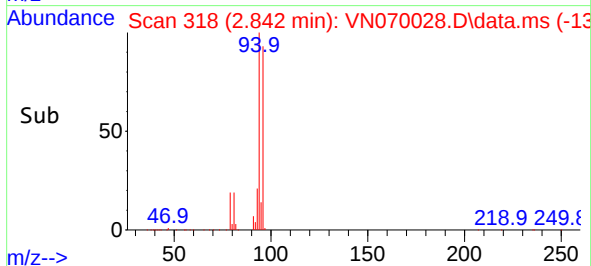
Instrument :
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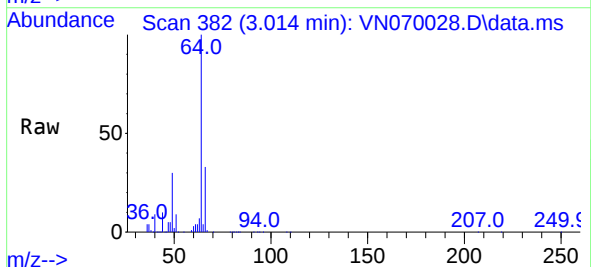
Tgt Ion: 94 Resp: 74774
Ion Ratio Lower Upper
94 100
96 93.1 75.2 112.8

Manual Integrations
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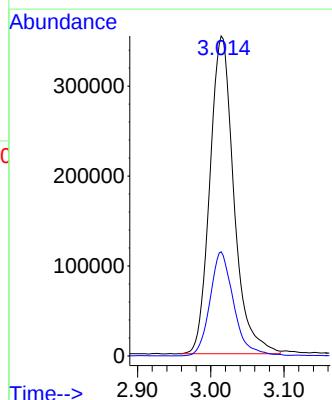
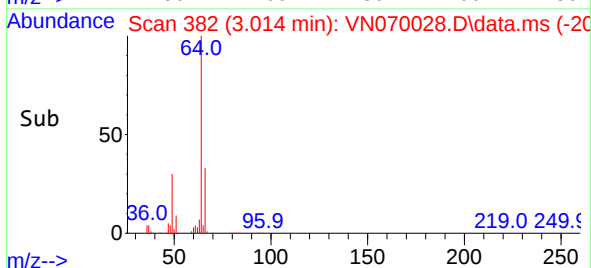
Reviewed By :John Carlone 12/14/2021
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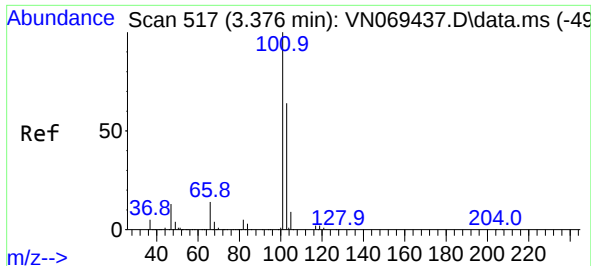


#6
Chloroethane
Concen: 95.715 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.016 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion: 64 Resp: 805203
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8





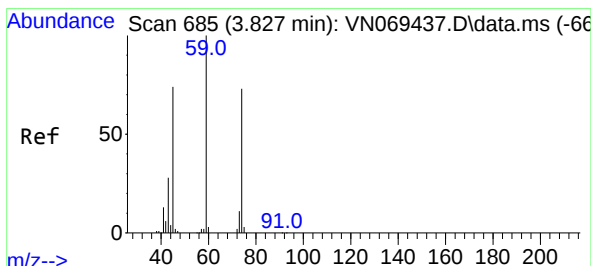
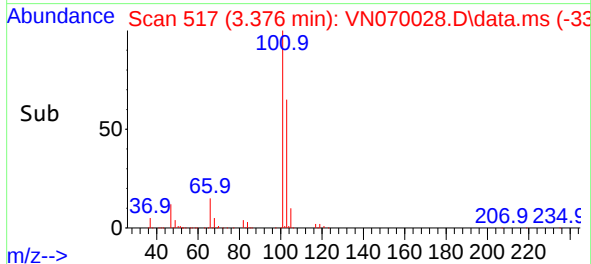
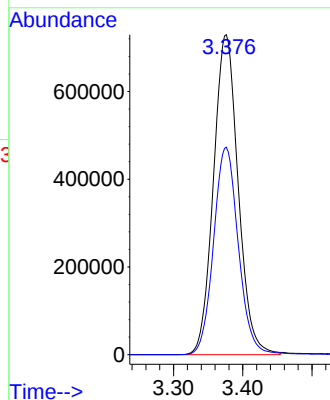
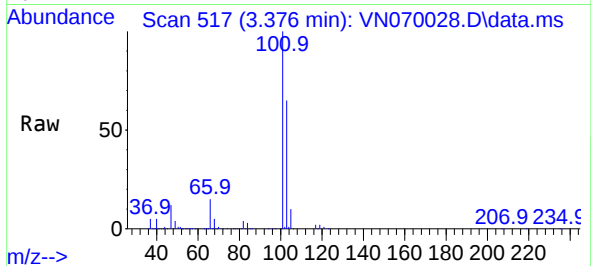
#7
Trichlorofluoromethane
Concen: 92.668 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.008 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 181105
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1

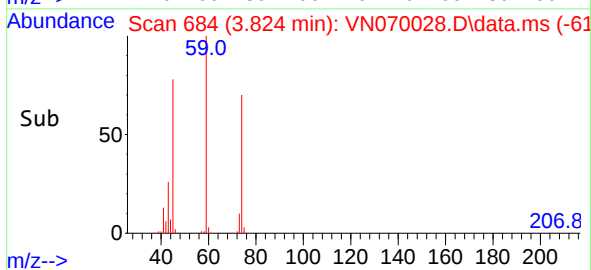
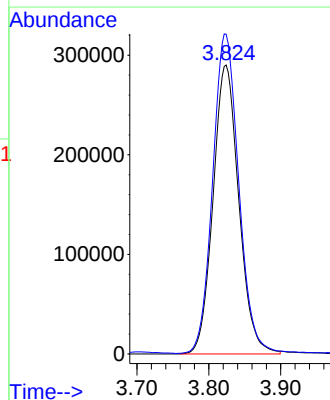
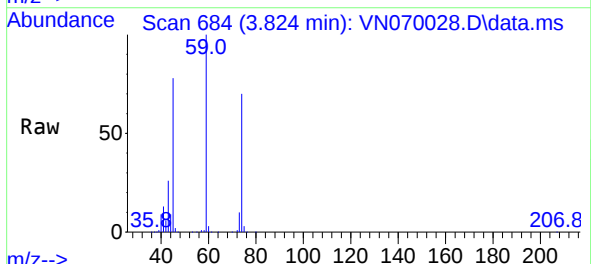
Manual Integrations
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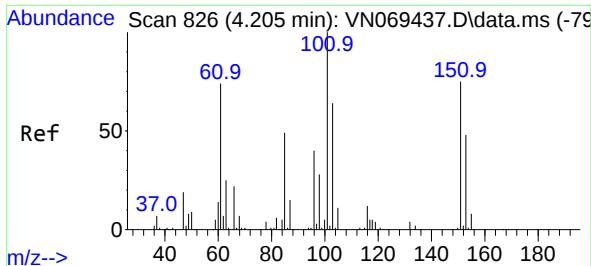
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#8
Diethyl Ether
Concen: 116.994 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Tgt Ion: 74 Resp: 721744
Ion Ratio Lower Upper
74 100
45 111.7 17.6 158.8





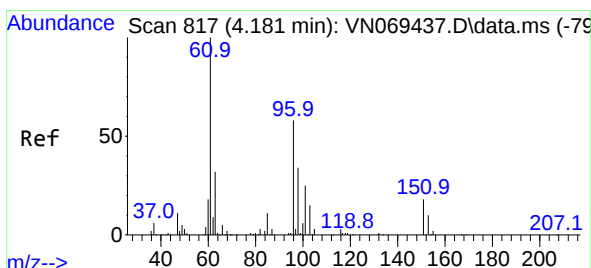
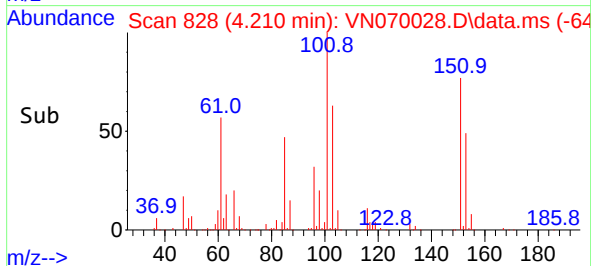
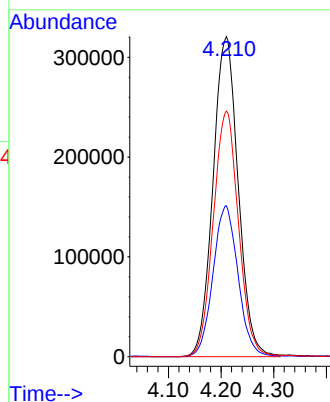
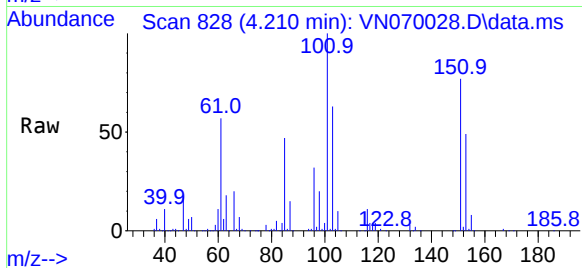
#9
1,1,2-Trichlorotrifluoroethane
Concen: 117.916 ug/l
RT: 4.210 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 106637
Ion Ratio Lower Upper
101 100
85 46.9 0.0 94.0
151 76.9 0.0 74.6

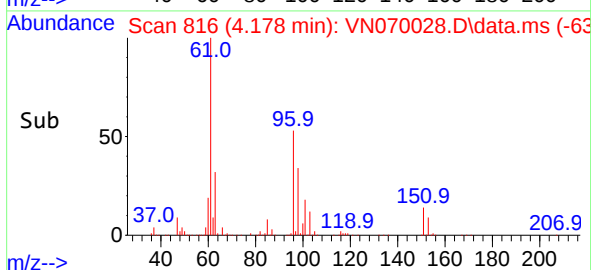
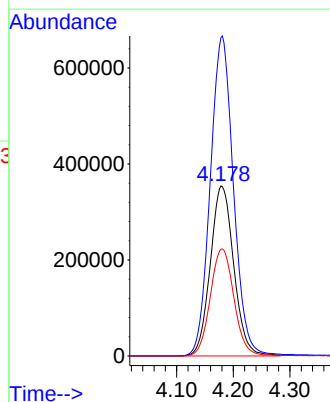
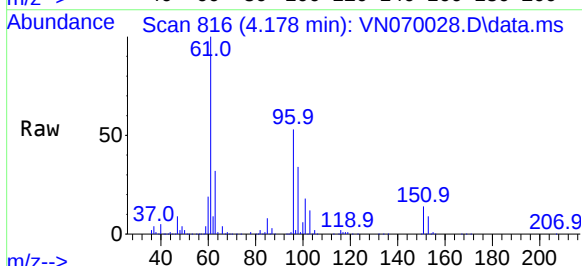
Manual Integrations
APPROVED

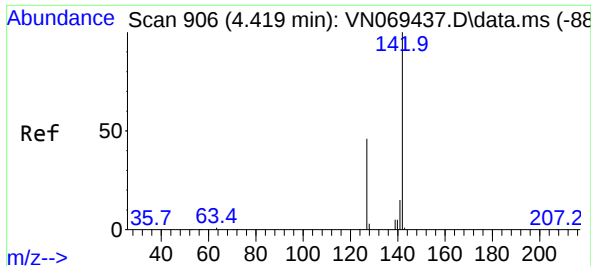
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
1,1-Dichloroethene
Concen: 119.760 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.010 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

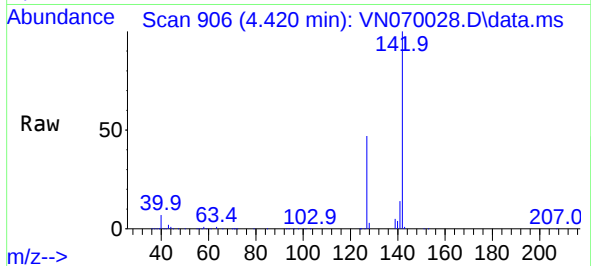
Tgt Ion: 96 Resp: 1021473
Ion Ratio Lower Upper
96 100
61 187.3 126.2 189.4
98 62.8 50.9 76.3





#11
Methyl Iodide
Concen: 124.713 ug/l
RT: 4.420 min Scan# 906
Delta R.T. -0.008 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

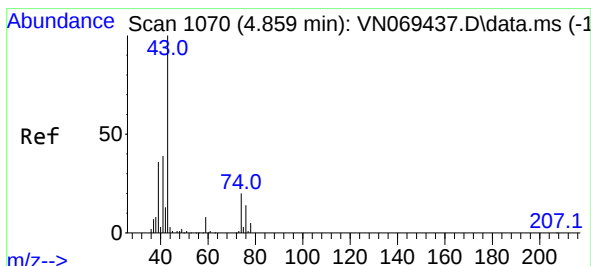
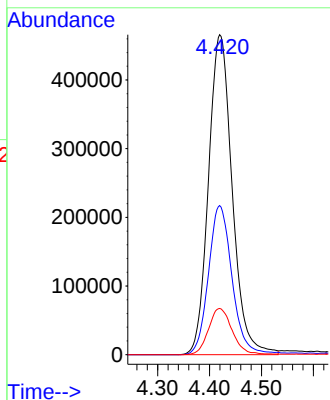
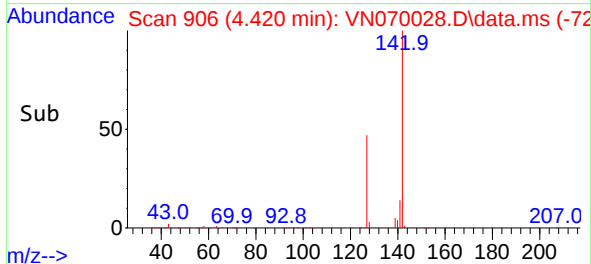
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



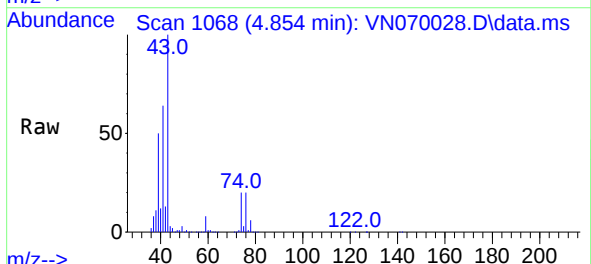
Tgt Ion:142 Resp: 148206
Ion Ratio Lower Upper
142 100
127 46.5 24.0 72.0
141 14.4 8.4 25.2

Manual Integrations
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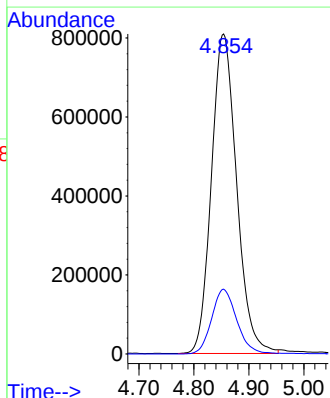
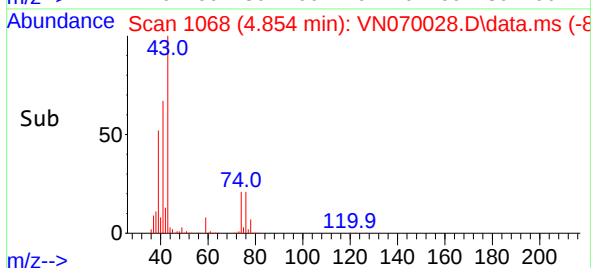
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

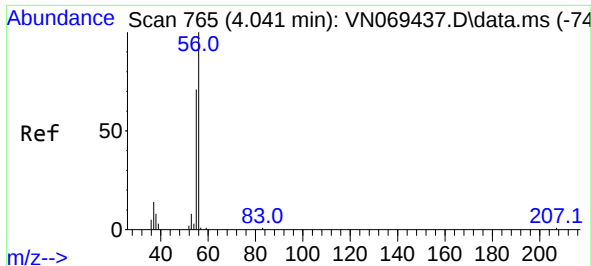


#12
Methyl Acetate
Concen: 105.041 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



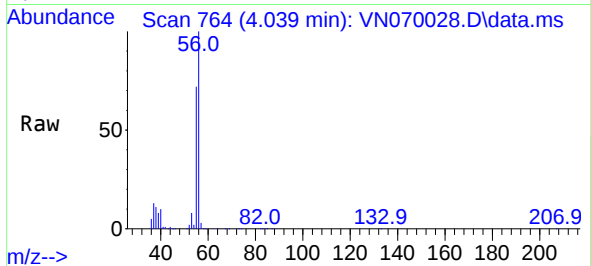
Tgt Ion: 43 Resp: 2580223
Ion Ratio Lower Upper
43 100
74 20.3 20.8 31.2#





#13
Acrolein
Concen: 1494.726 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

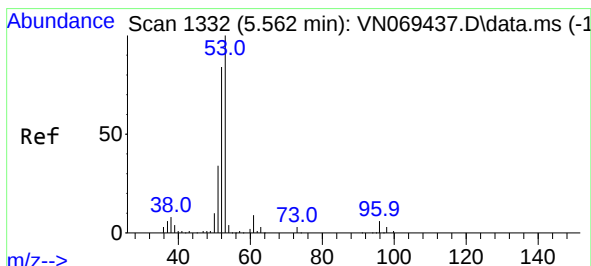
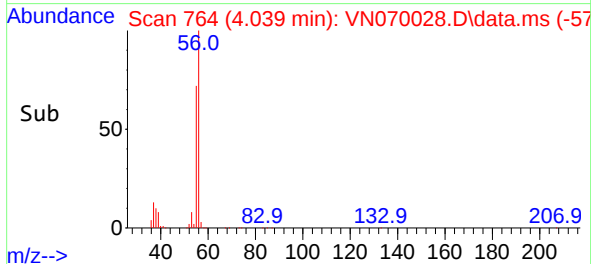
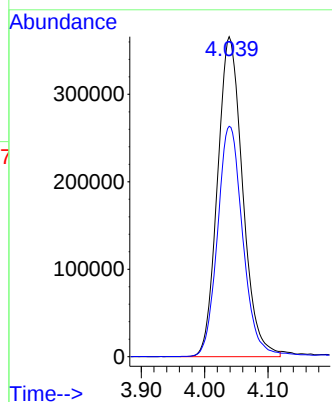
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 1009490
Ion Ratio Lower Upper
56 100
55 71.9 57.6 86.4

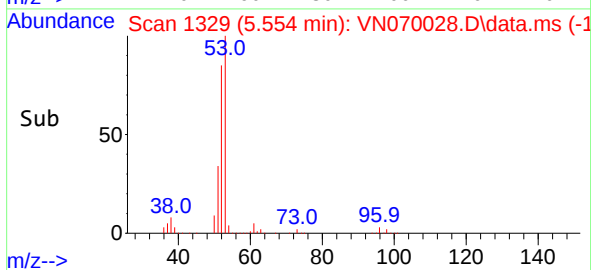
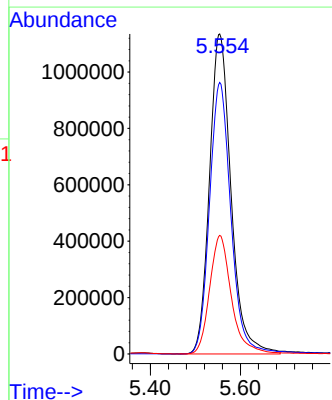
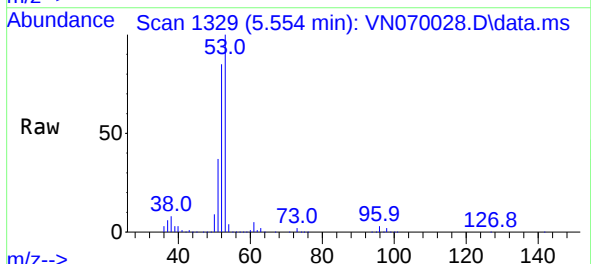
Manual Integrations
APPROVED

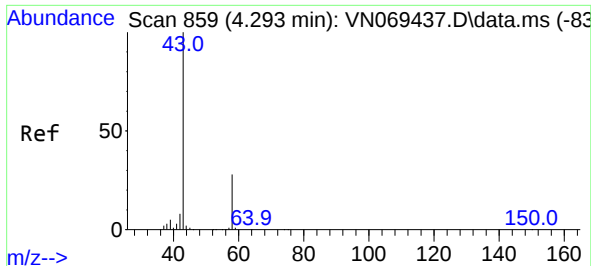
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#14
Acrylonitrile
Concen: 563.025 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.005 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

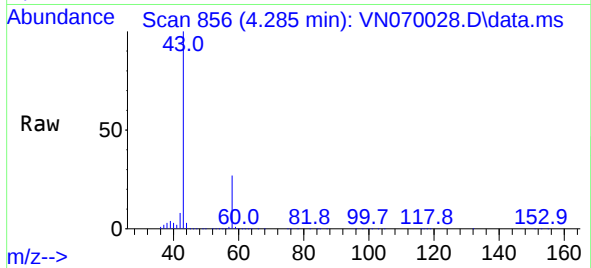
Tgt Ion: 53 Resp: 3773183
Ion Ratio Lower Upper
53 100
52 84.2 41.8 125.4
51 37.2 19.0 57.0





#15
Acetone
Concen: 591.461 ug/l
RT: 4.285 min Scan# 859
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

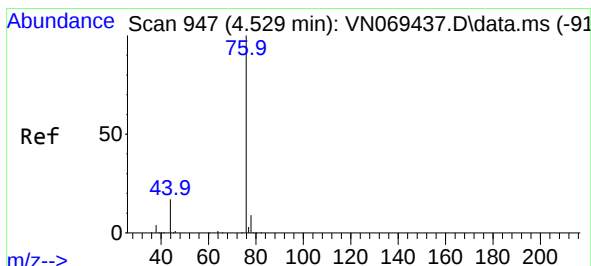
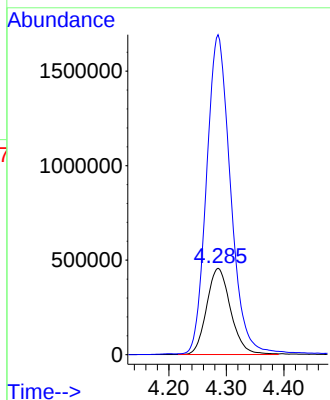
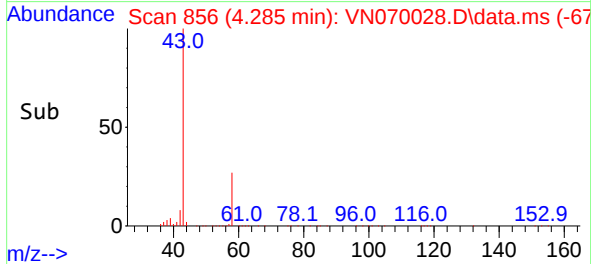
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



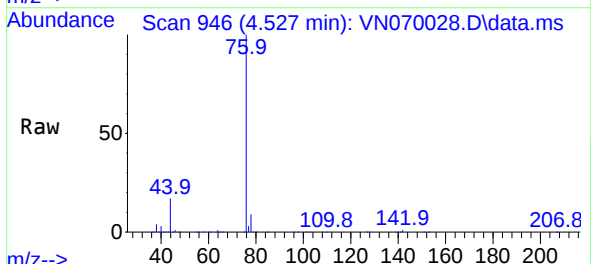
Tgt Ion: 58 Resp: 1320768
Ion Ratio Lower Upper
58 100
43 369.9 256.6 384.8

Manual Integrations
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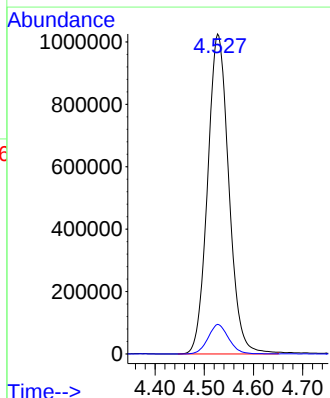
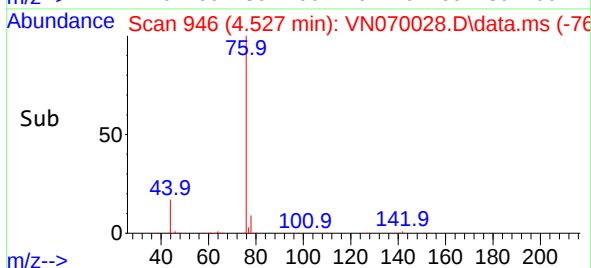
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

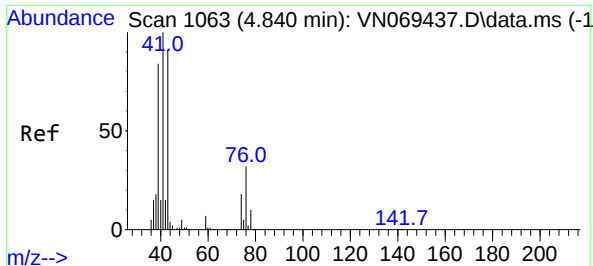


#16
Carbon Disulfide
Concen: 144.479 ug/l
RT: 4.527 min Scan# 946
Delta R.T. -0.005 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion: 76 Resp: 3080280
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17
Allyl chloride
Concen: 130.426 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

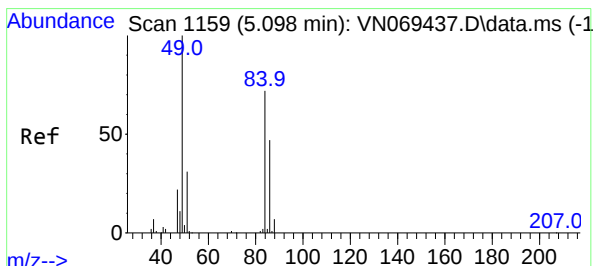
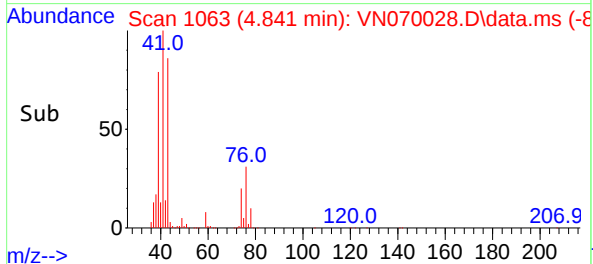
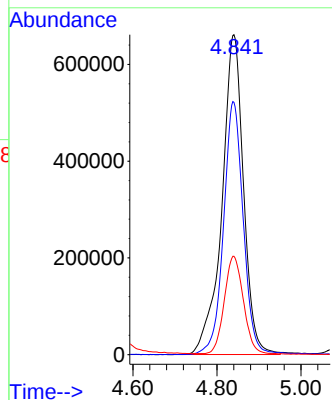
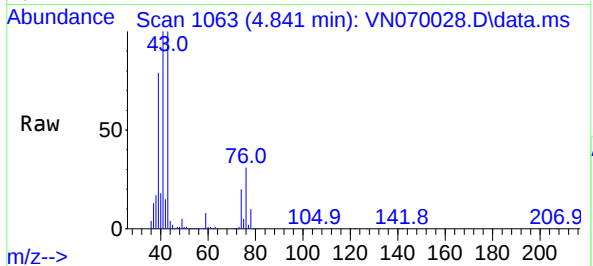
VSTDICC100

Tgt Ion: 41 Resp: 2364400
Ion Ratio Lower Upper
41 100
39 78.8 44.6 134.0
76 30.5 19.6 58.7

Manual Integrations

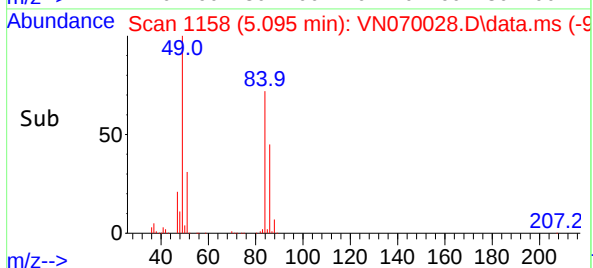
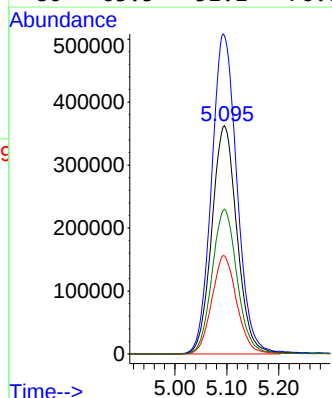
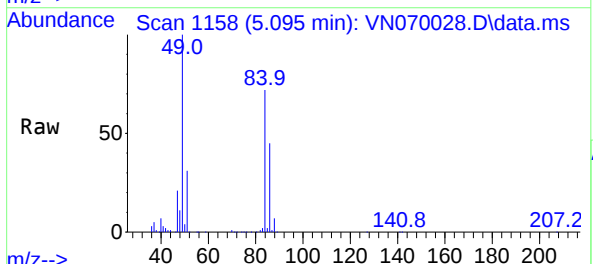
APPROVED

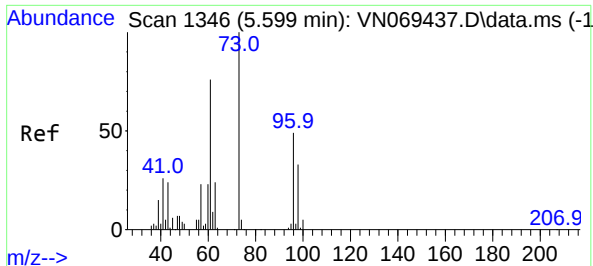
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#18
Methylene Chloride
Concen: 112.323 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Tgt Ion: 84 Resp: 1220495
Ion Ratio Lower Upper
84 100
49 139.4 91.4 137.0#
51 42.9 29.4 44.0
86 63.5 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 116.400 ug/l

RT: 5.597 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN070028.D

Acq: 13 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 108948

Ion Ratio Lower Upper

96 100

61 155.7 102.8 154.2

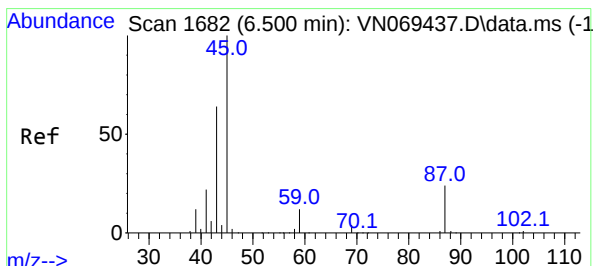
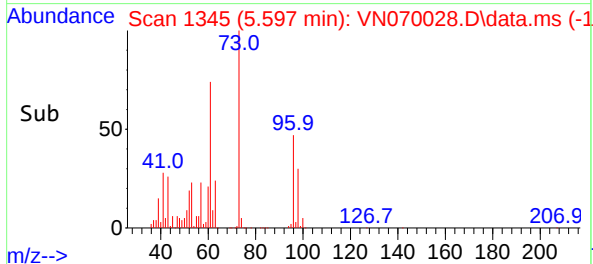
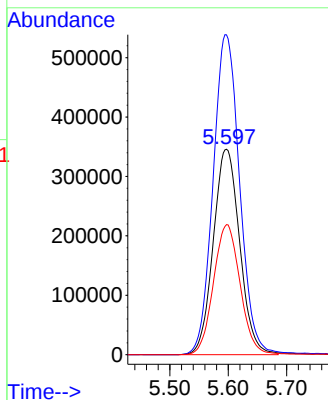
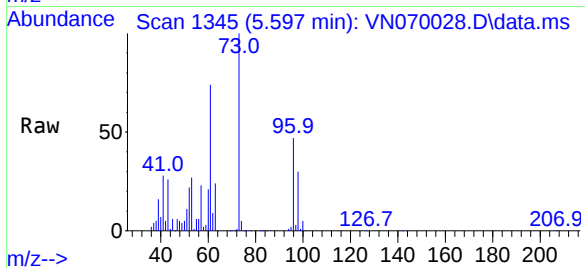
98 63.3 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#20

Diisopropyl ether

Concen: 115.676 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. -0.002 min

Lab File: VN070028.D

Acq: 13 Dec 2021 11:35

Tgt Ion: 45 Resp: 4493419

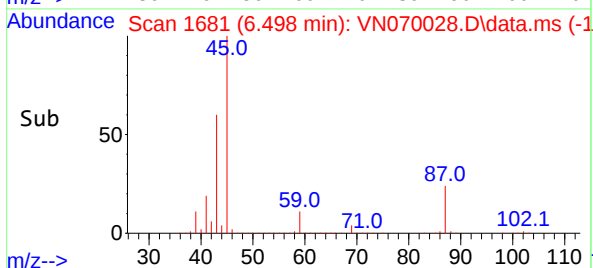
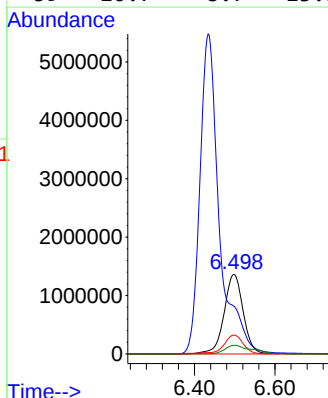
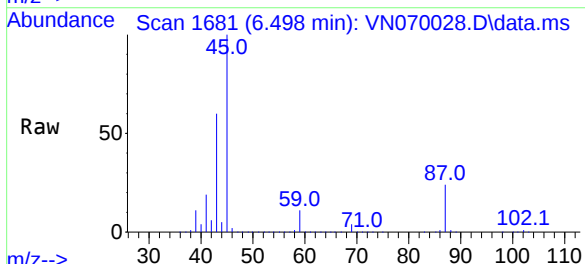
Ion Ratio Lower Upper

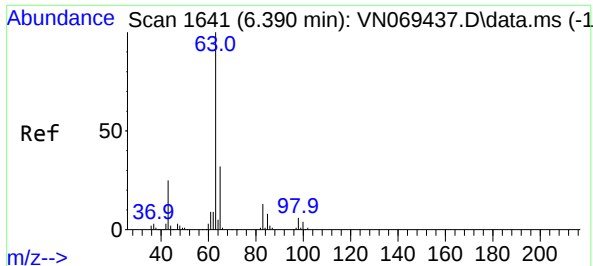
45 100

43 59.8 51.0 76.4

87 23.6 25.0 37.4

59 10.7 8.7 13.1





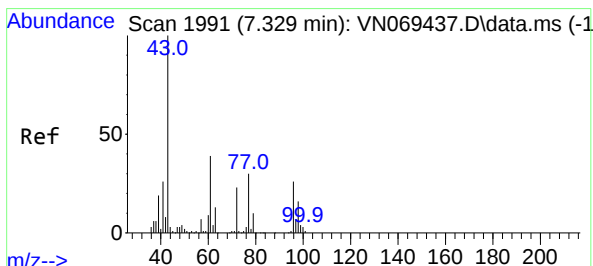
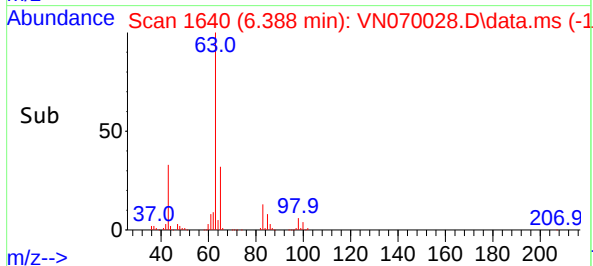
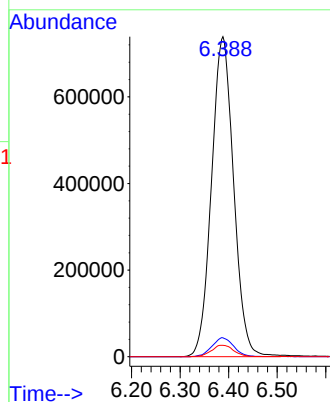
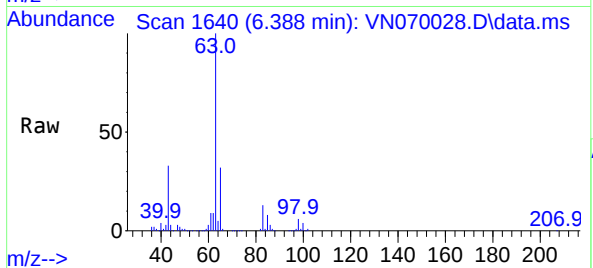
#21
1,1-Dichloroethane
Concen: 118.596 ug/l
RT: 6.388 min Scan# 10
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 233715
Ion Ratio Lower Upper
63 100
98 5.9 3.2 9.6
100 3.6 2.1 6.2

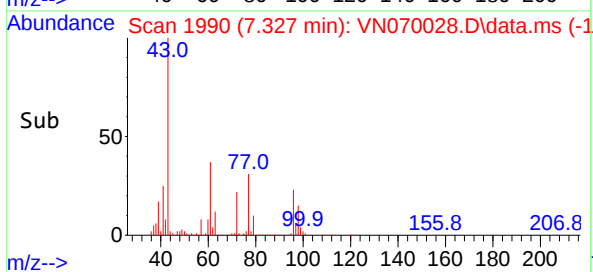
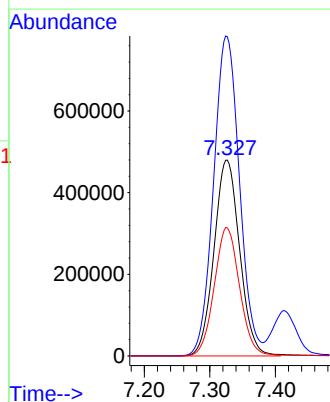
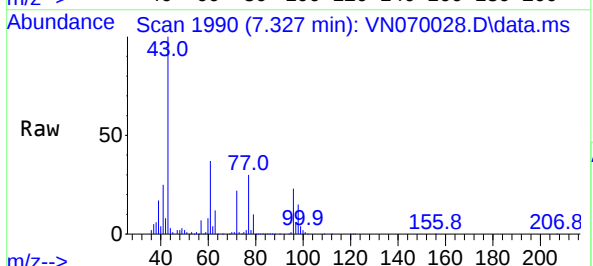
Manual Integrations
APPROVED

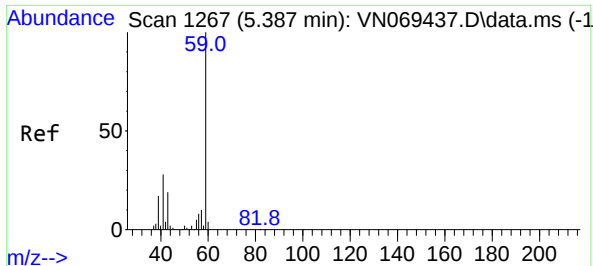
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#22
cis-1,2-Dichloroethene
Concen: 112.456 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Tgt Ion: 96 Resp: 1305464
Ion Ratio Lower Upper
96 100
61 164.4 115.7 173.5
98 64.6 51.6 77.4





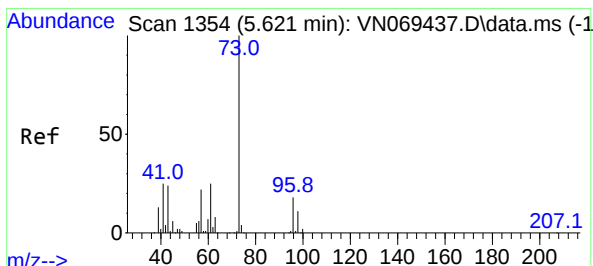
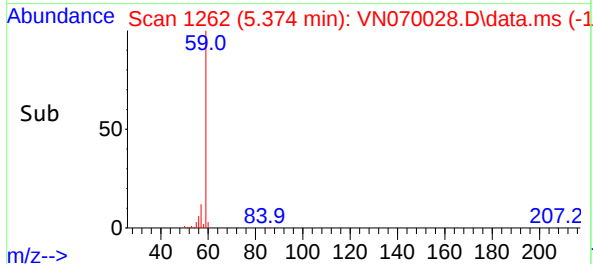
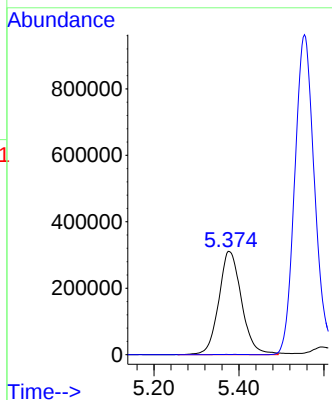
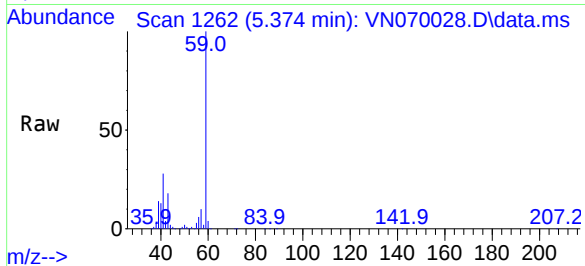
#23
tert-Butyl Alcohol
Concen: 495.469 ug/l
RT: 5.374 min Scan# 1155602
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 1155602
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

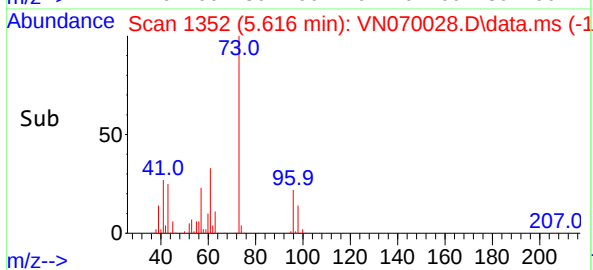
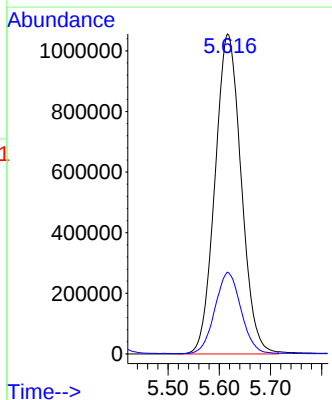
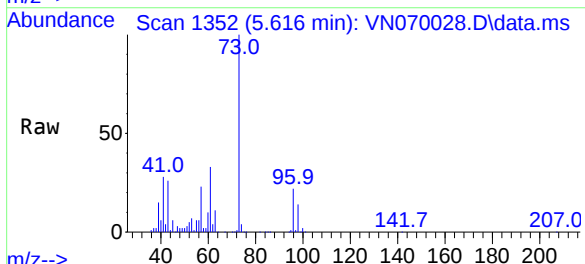
Manual Integrations
APPROVED

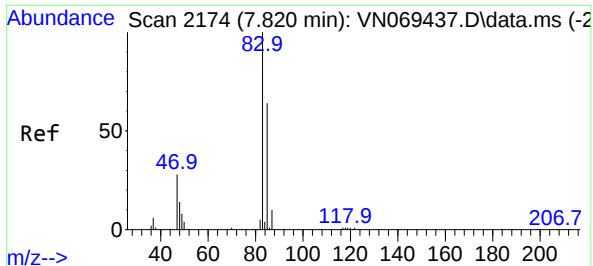
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#24
Methyl tert-Butyl Ether
Concen: 109.818 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Tgt Ion: 73 Resp: 3753885
Ion Ratio Lower Upper
73 100
43 25.2 18.1 27.1





#25

Chloroform

Concen: 112.647 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN070028.D

Acq: 13 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 229529

Ion Ratio Lower Upper

83 100

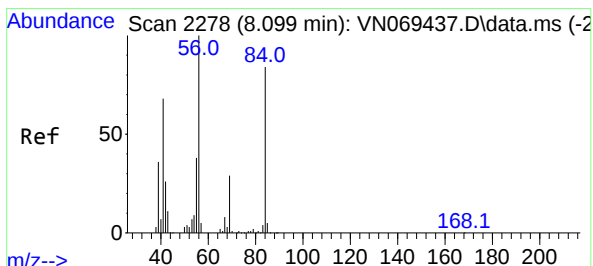
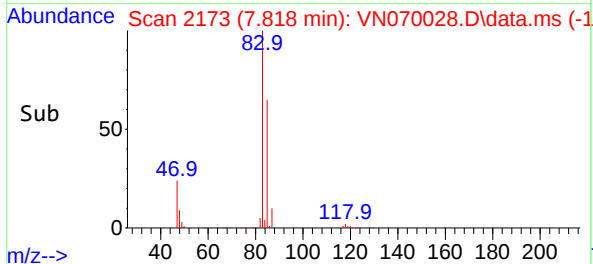
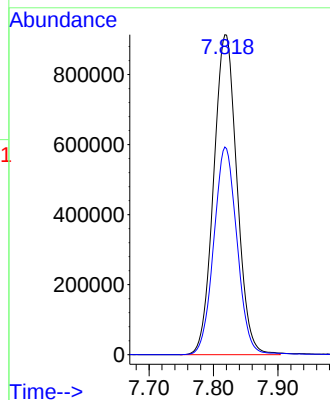
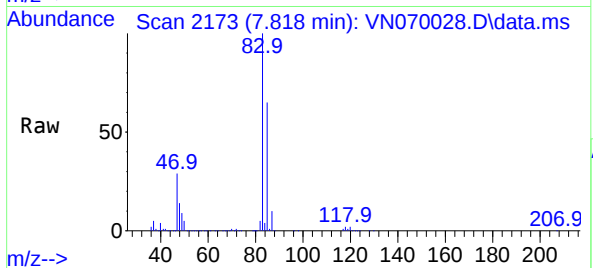
85 64.9 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#26

Cyclohexane

Concen: 117.021 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.002 min

Lab File: VN070028.D

Acq: 13 Dec 2021 11:35

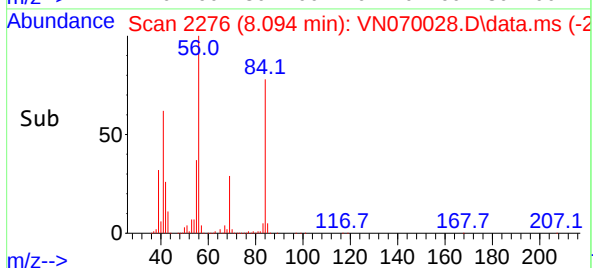
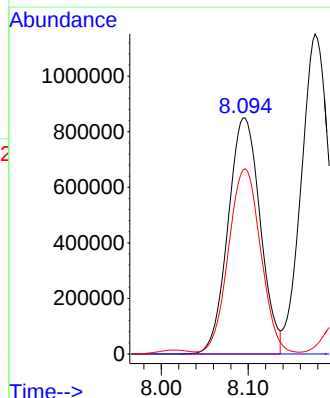
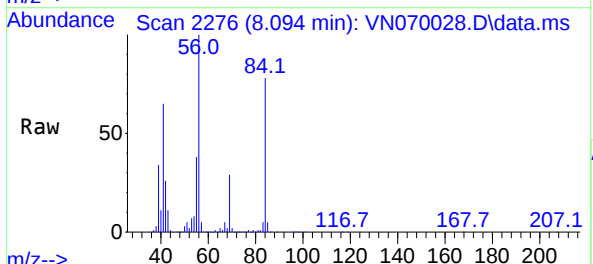
Tgt Ion: 56 Resp: 2189501

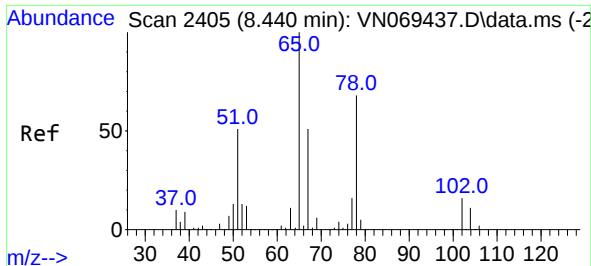
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 78.7 74.6 111.8





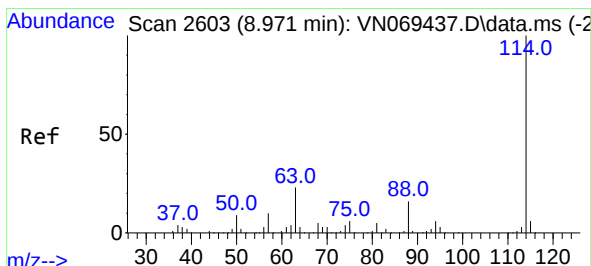
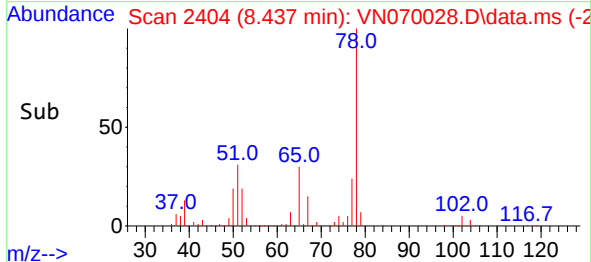
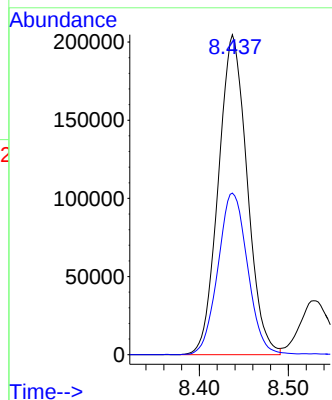
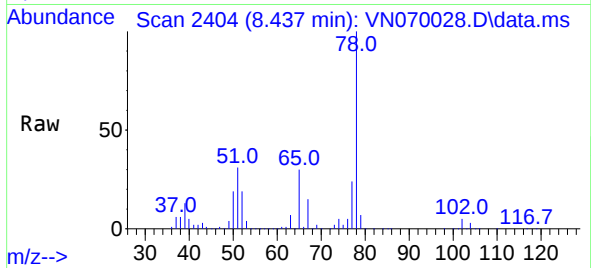
#27
1,2-Dichloroethane-d4
Concen: 31.033 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 459368
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2

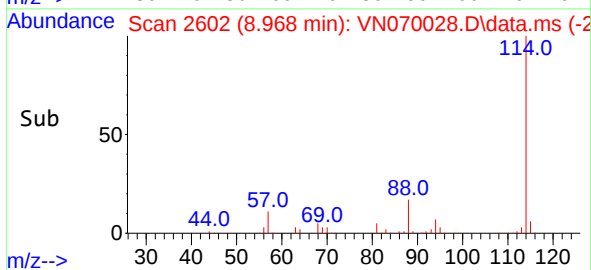
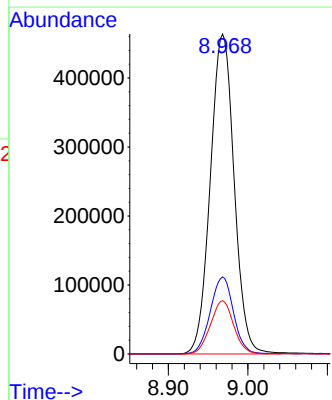
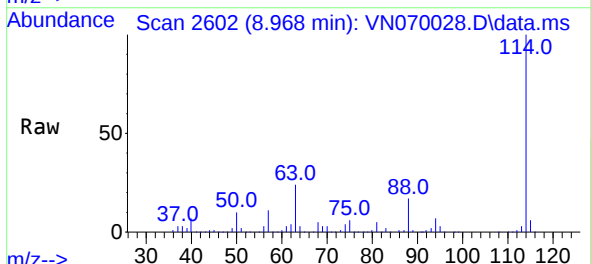
Manual Integrations
APPROVED

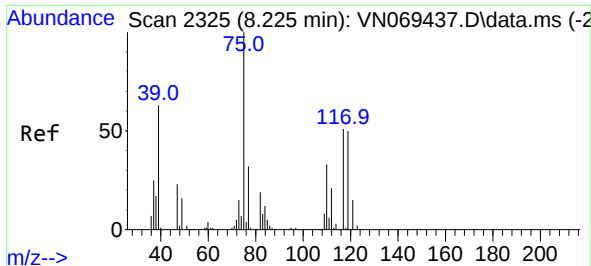
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

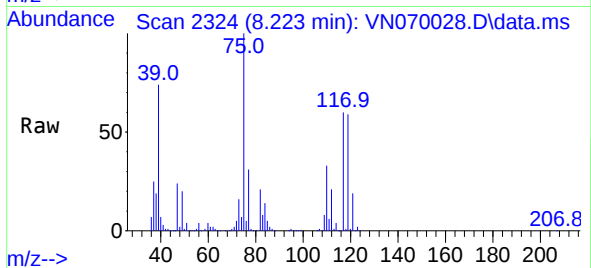
Tgt Ion:114 Resp: 966235
Ion Ratio Lower Upper
114 100
63 23.6 15.8 23.6
88 16.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 117.739 ug/l
RT: 8.223 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

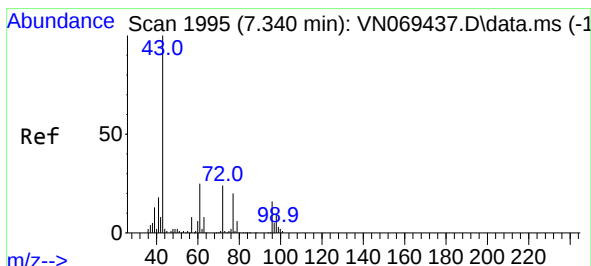
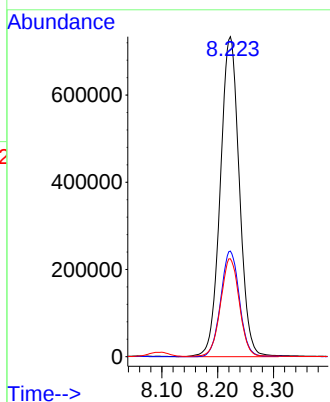
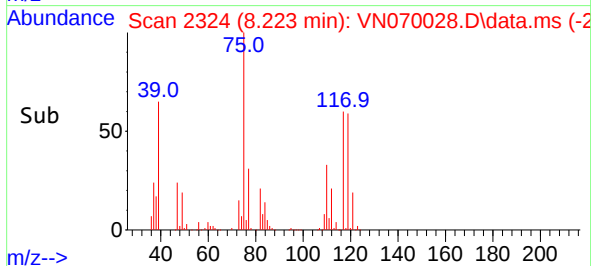
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



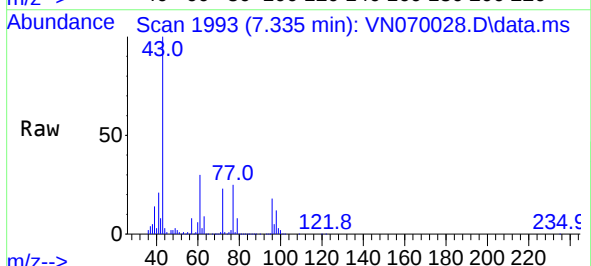
Tgt Ion: 75 Resp: 1736600
Ion Ratio Lower Upper
75 100
110 32.5 0.0 74.2
77 30.1 0.0 63.2

Manual Integrations
APPROVED

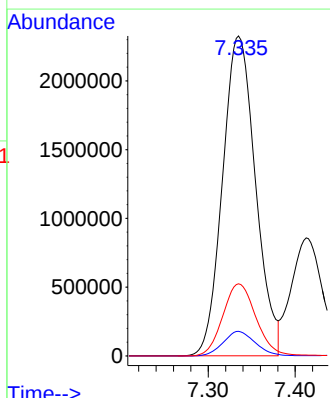
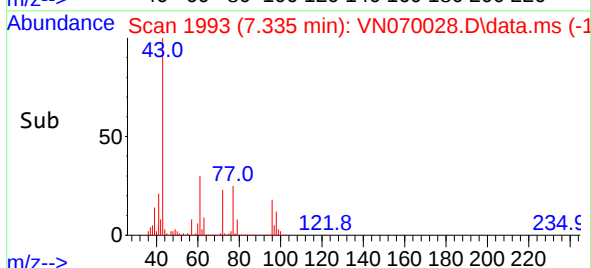
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

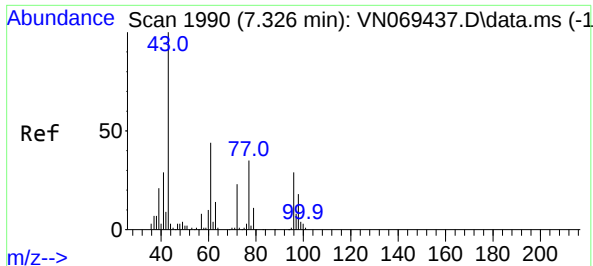


#30
2-Butanone
Concen: 574.325 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



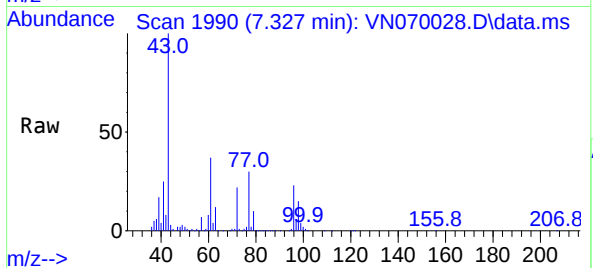
Tgt Ion: 43 Resp: 6131566
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 22.9 23.2 34.8





#31
2,2-Dichloropropane
Concen: 119.879 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

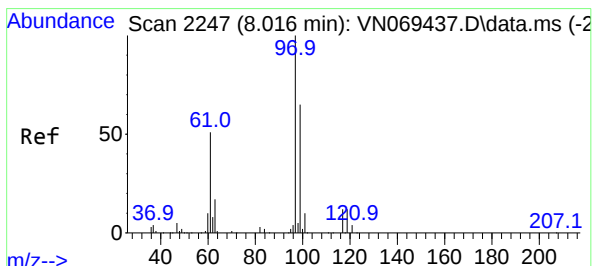
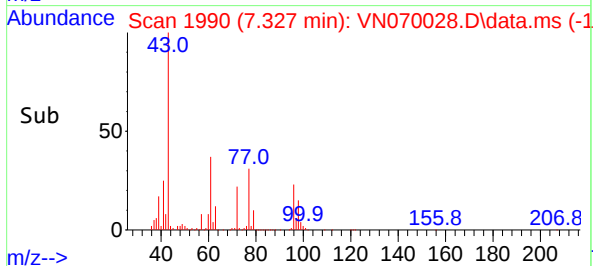
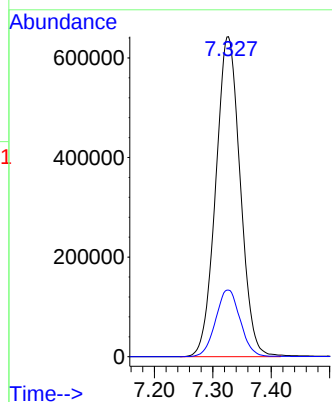
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 77 Resp: 1869274
Ion Ratio Lower Upper
77 100
97 21.0 18.3 27.5

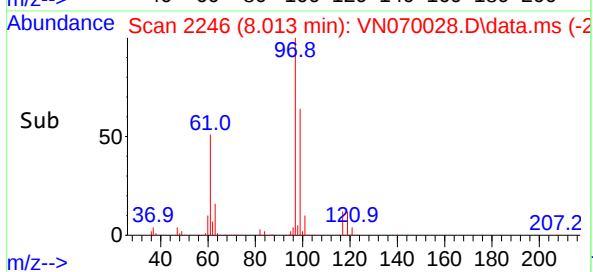
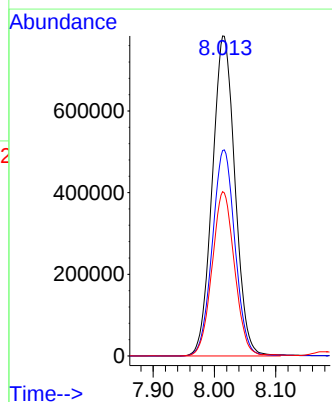
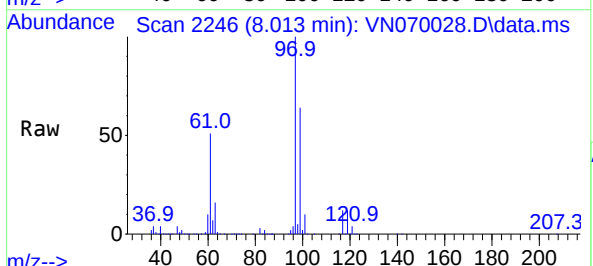
Manual Integrations
APPROVED

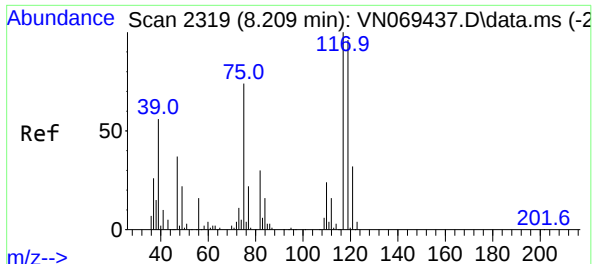
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 117.200 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

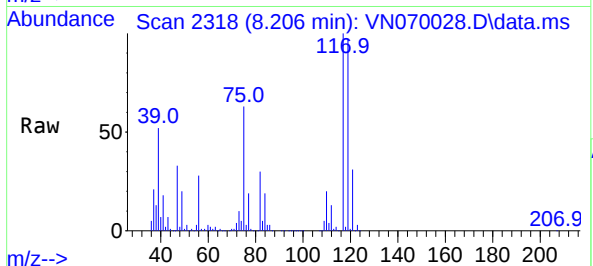
Tgt Ion: 97 Resp: 2018043
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 50.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 125.473 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

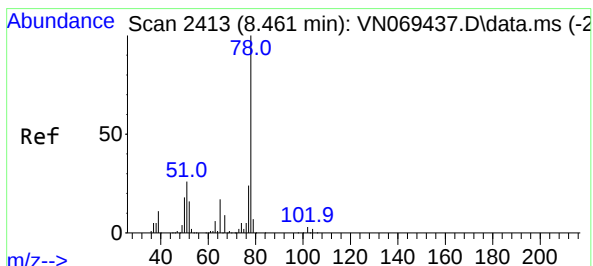
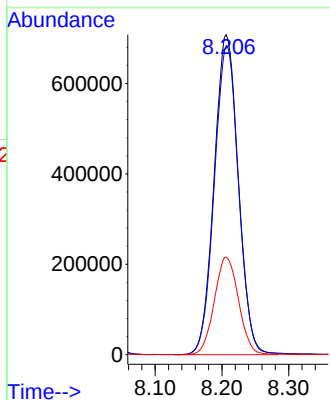
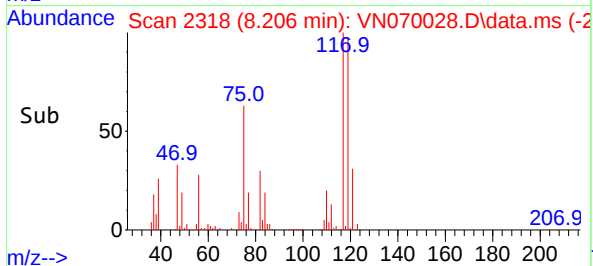
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



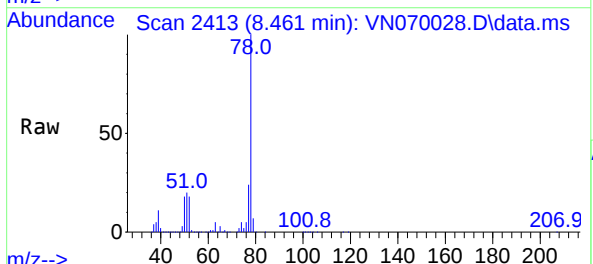
Tgt Ion: 117 Resp: 178439
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3
121 30.5 23.5 35.3

Manual Integrations
APPROVED

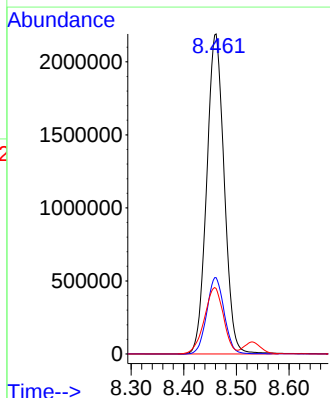
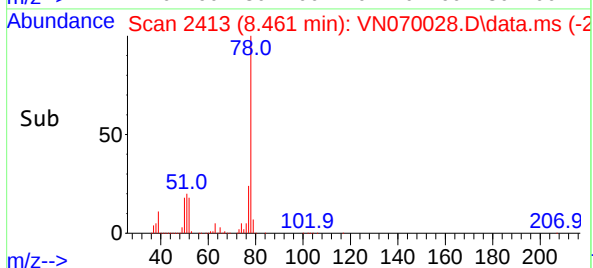
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

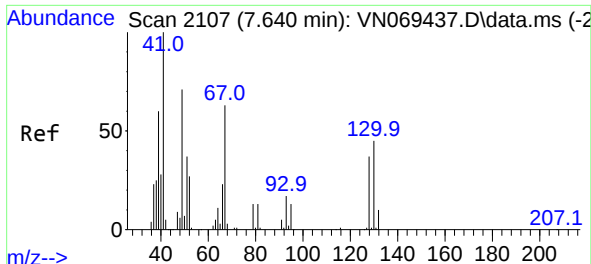


#34
Benzene
Concen: 112.903 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



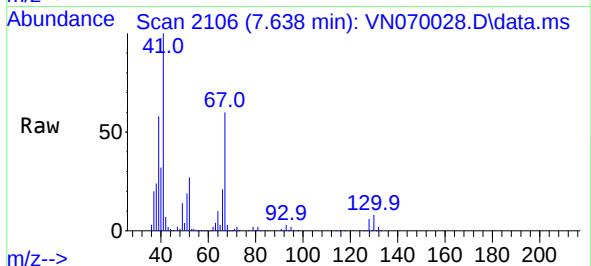
Tgt Ion: 78 Resp: 5064129
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 20.4 16.0 24.0





#35
Methacrylonitrile
Concen: 118.010 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

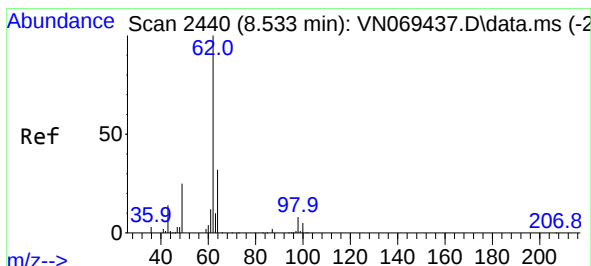
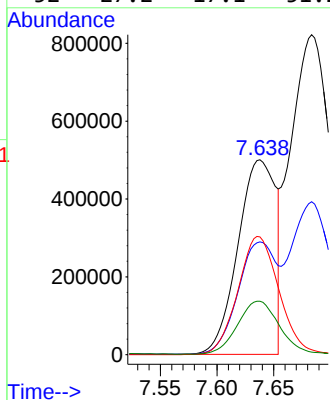
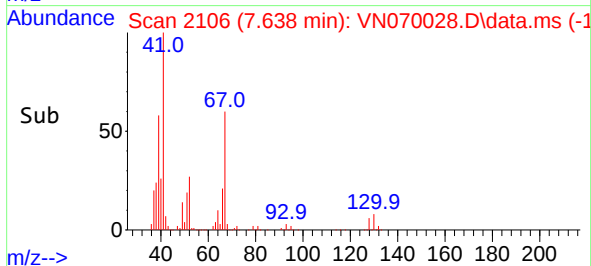
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 115553
Ion Ratio Lower Upper
41 100
39 57.8 28.0 83.9
67 60.5 37.7 113.1
52 27.2 17.1 51.2

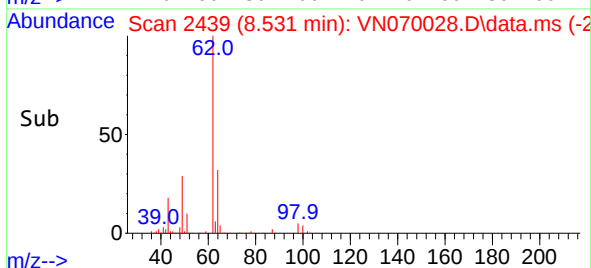
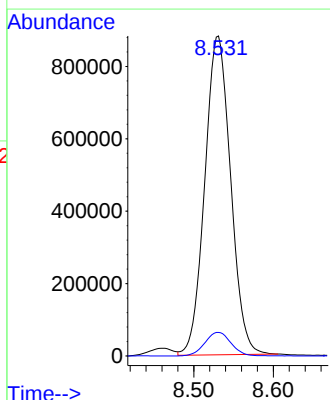
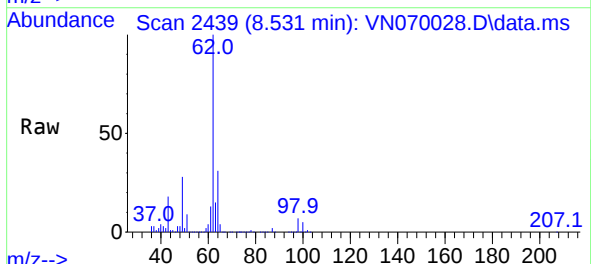
Manual Integrations
APPROVED

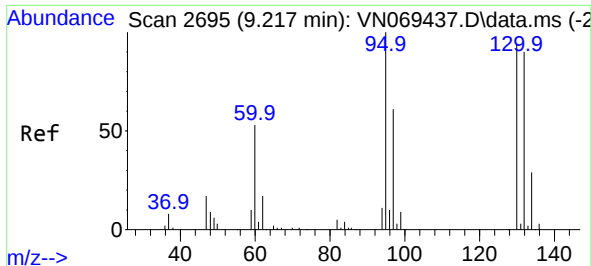
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#36
1,2-Dichloroethane
Concen: 115.079 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

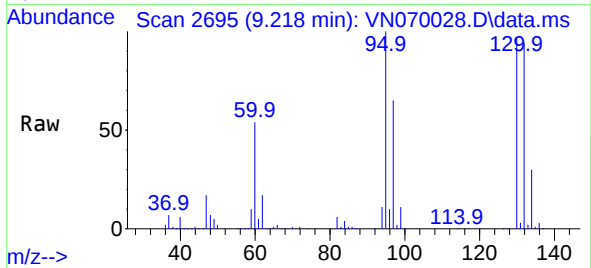
Tgt Ion: 62 Resp: 1989989
Ion Ratio Lower Upper
62 100
98 7.5 6.6 10.0





#37
Trichloroethene
Concen: 112.835 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

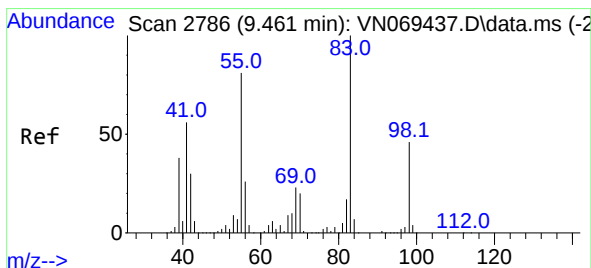
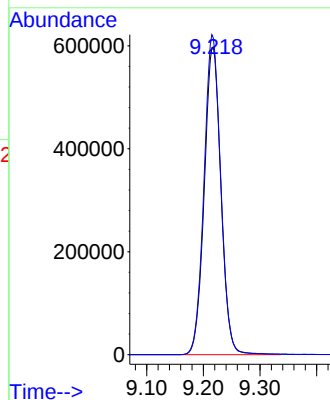
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:130 Resp: 122269
Ion Ratio Lower Upper
130 100
95 102.9 76.6 115.0

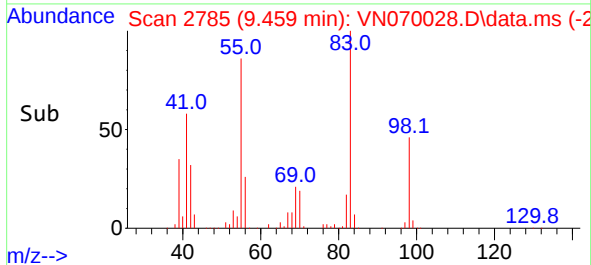
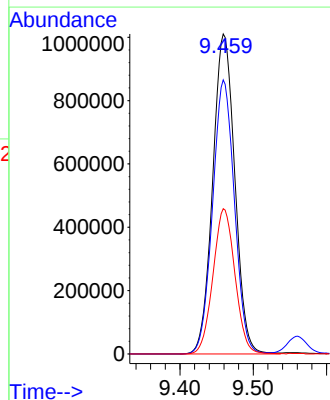
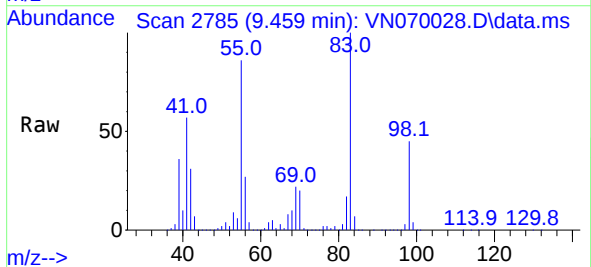
Manual Integrations
APPROVED

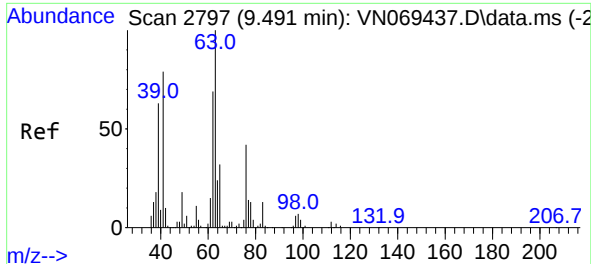
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#38
Methylcyclohexane
Concen: 116.125 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

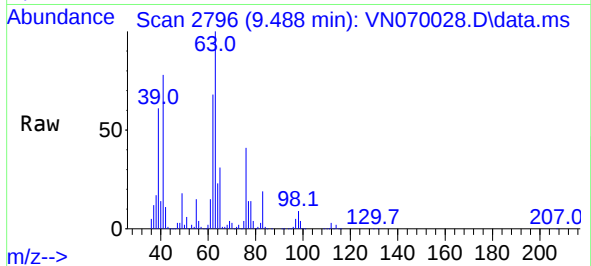
Tgt Ion: 83 Resp: 2119064
Ion Ratio Lower Upper
83 100
55 84.7 35.1 105.3
98 45.1 23.4 70.2





#39
1,2-Dichloropropane
Concen: 115.279 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

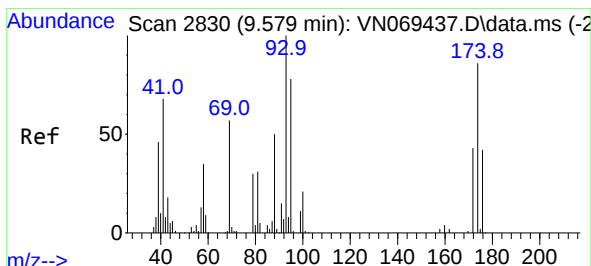
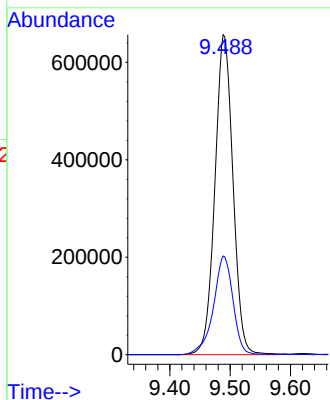
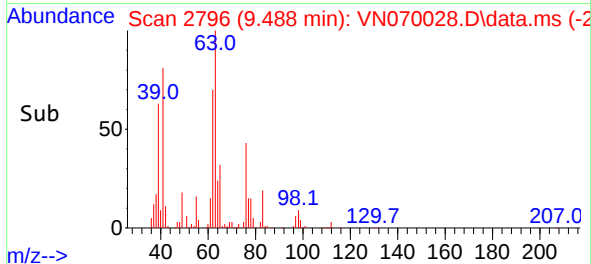
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



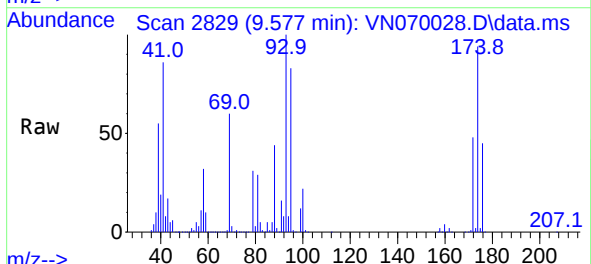
Tgt Ion: 63 Resp: 136944
Ion Ratio Lower Upper
63 100
65 30.9 24.2 36.4

Manual Integrations
APPROVED

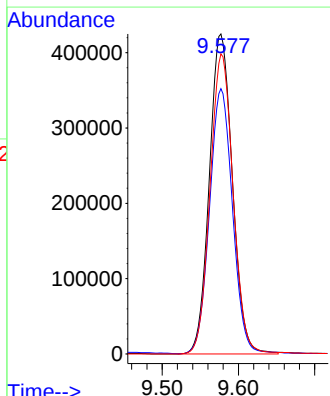
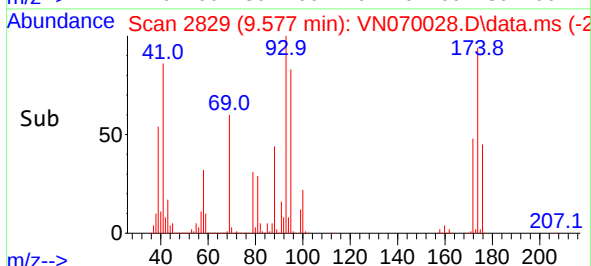
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

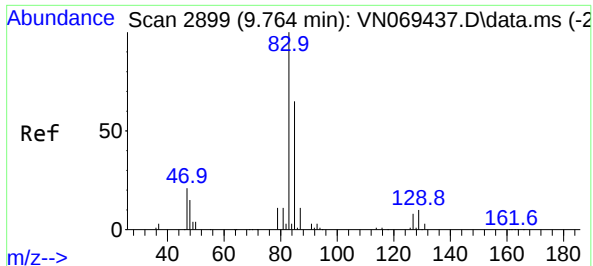


#40
Dibromomethane
Concen: 112.118 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



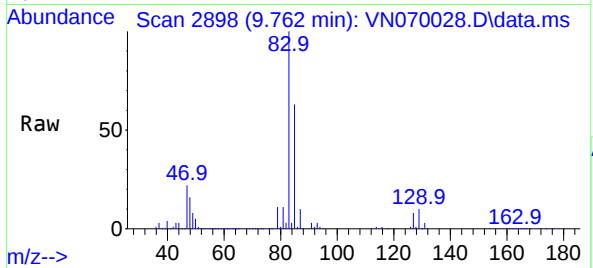
Tgt Ion: 93 Resp: 892007
Ion Ratio Lower Upper
93 100
95 82.7 0.0 168.8
174 93.6 0.0 173.6





#41
Bromodichloromethane
Concen: 127.230 ug/l
RT: 9.762 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

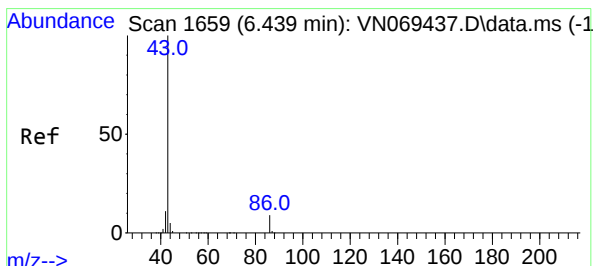
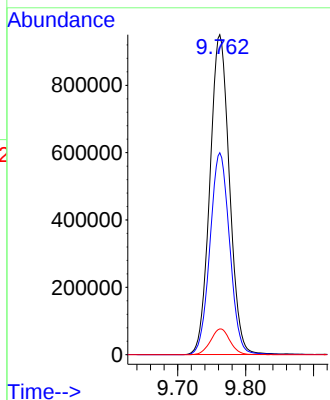
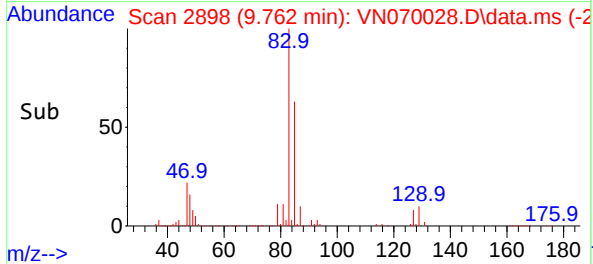
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



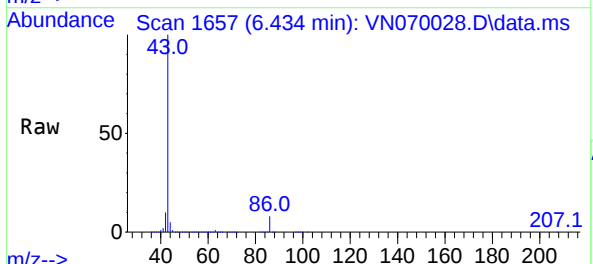
Tgt Ion: 83 Resp: 1899969
Ion Ratio Lower Upper
83 100
85 63.1 54.1 81.1
127 8.1 7.6 11.4

Manual Integrations
APPROVED

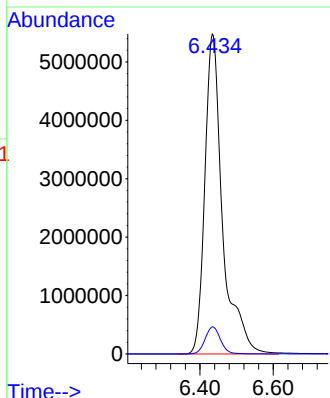
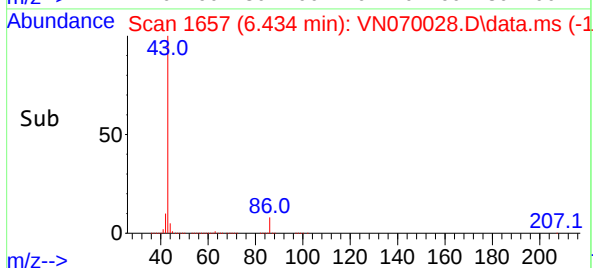
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

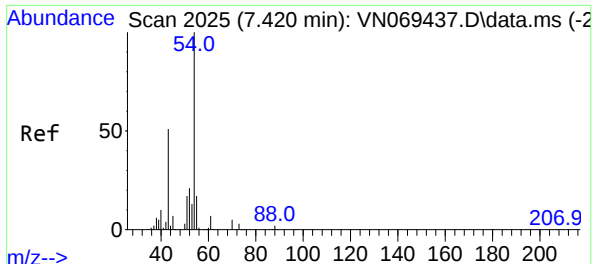


#42
Vinyl Acetate
Concen: 609.389 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion: 43 Resp:18385894
Ion Ratio Lower Upper
43 100
86 7.4 7.5 11.3#





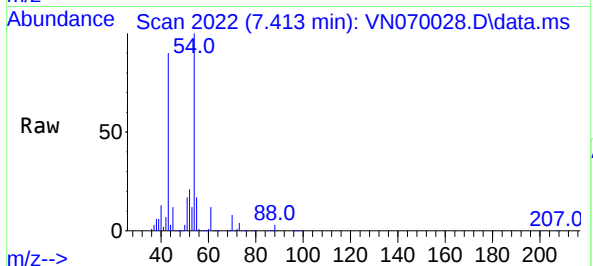
#43
Ethyl Acetate
Concen: 109.800 ug/l
RT: 7.413 min Scan# 2025
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

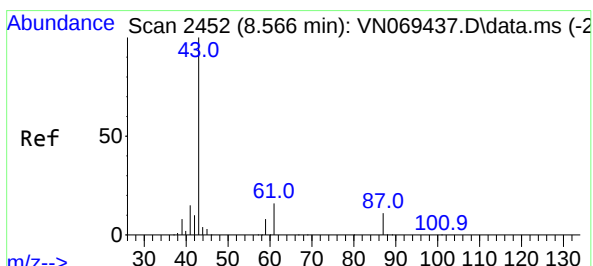
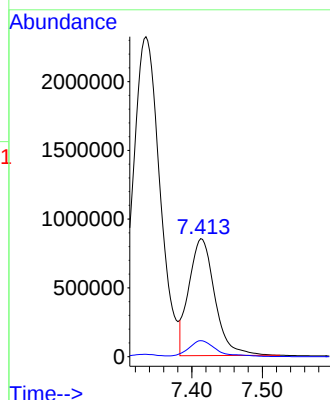
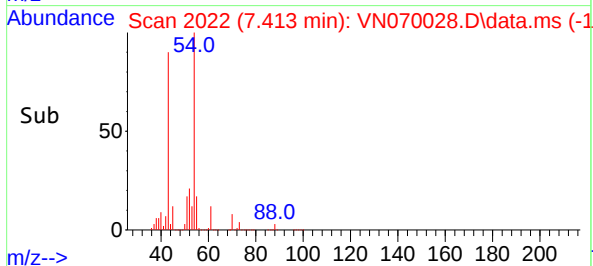


Tgt Ion: 43 Resp: 2172398
Ion Ratio Lower Upper
43 100
45 14.4 10.6 16.0

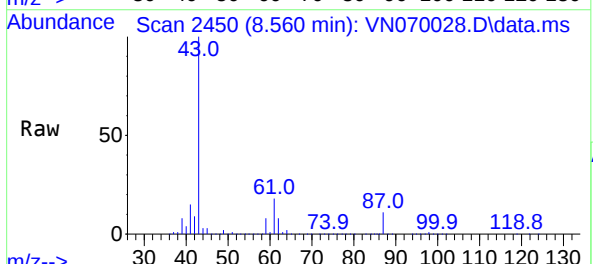
Manual Integrations

APPROVED

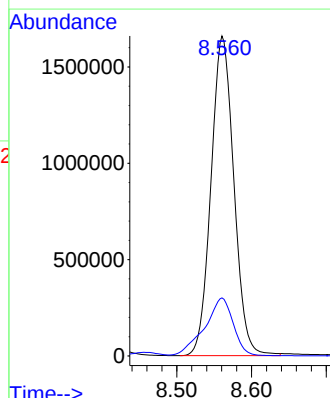
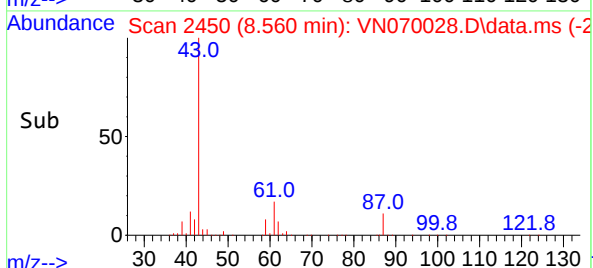
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

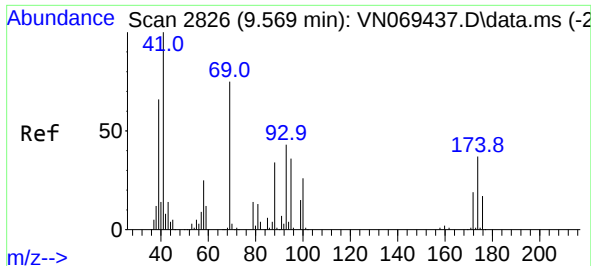


#44
Isopropyl Acetate
Concen: 114.230 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion: 43 Resp: 3523471
Ion Ratio Lower Upper
43 100
61 22.7 20.1 30.1





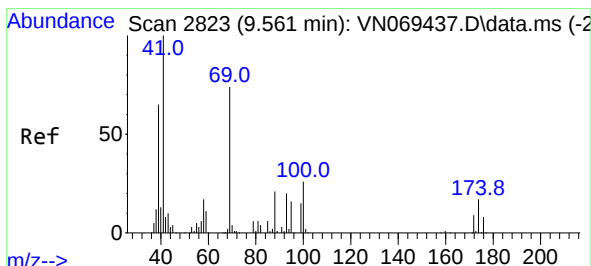
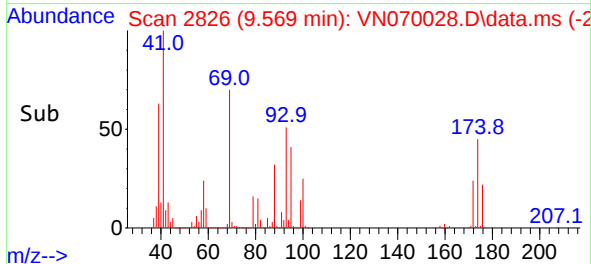
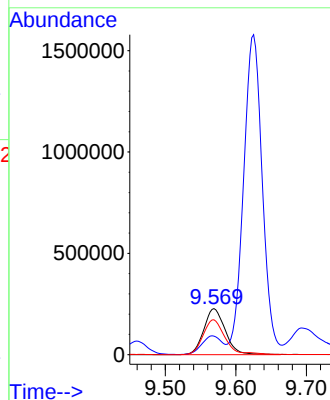
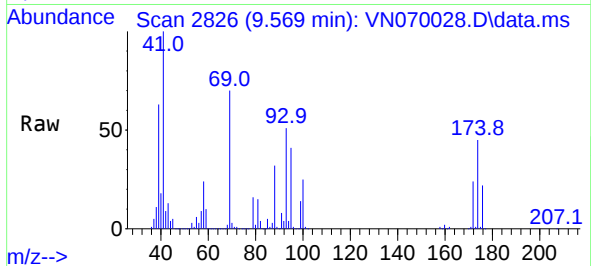
#45
1,4-Dioxane
Concen: 1927.058 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.005 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 482517
Ion Ratio Lower Upper
88 100
43 37.2 25.0 37.6
58 74.4 49.4 74.2

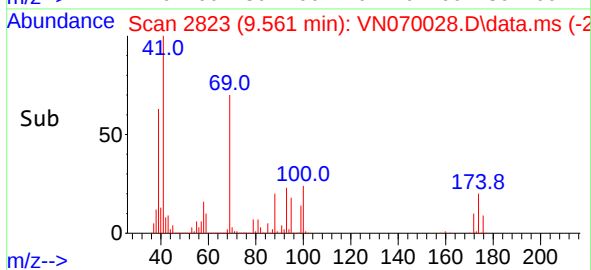
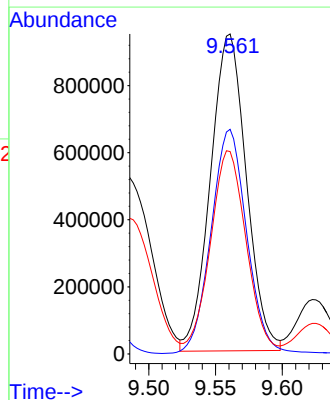
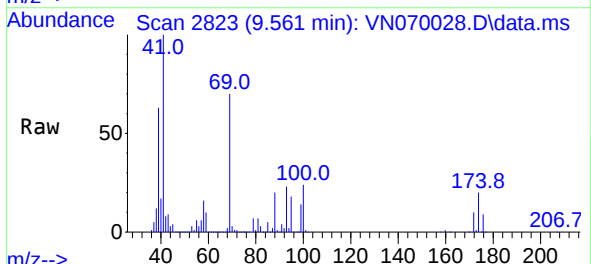
Manual Integrations
APPROVED

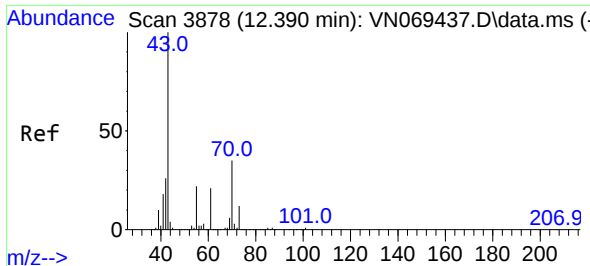
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#46
Methyl methacrylate
Concen: 124.431 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

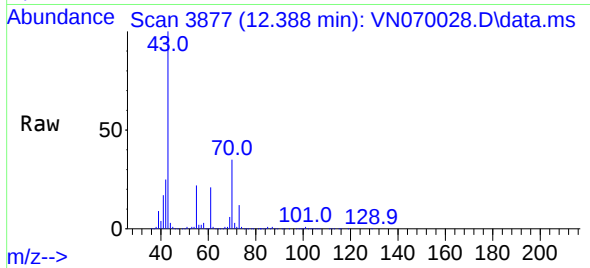
Tgt Ion: 41 Resp: 1767688
Ion Ratio Lower Upper
41 100
69 72.3 44.4 133.2
39 63.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 116.215 ug/l
RT: 12.388 min Scan# 3878
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

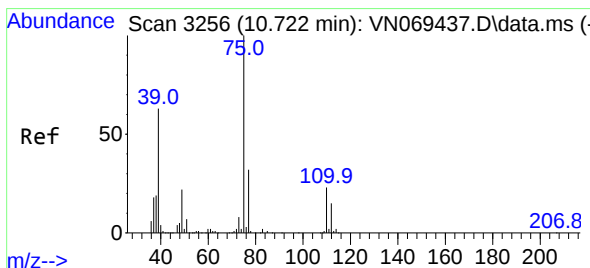
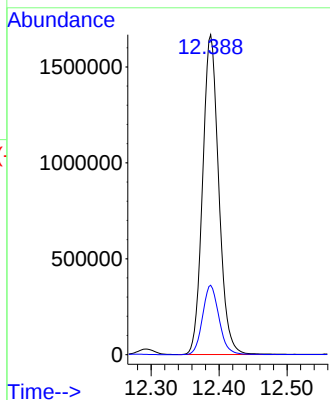
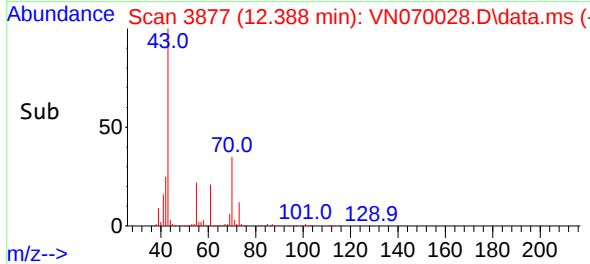
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



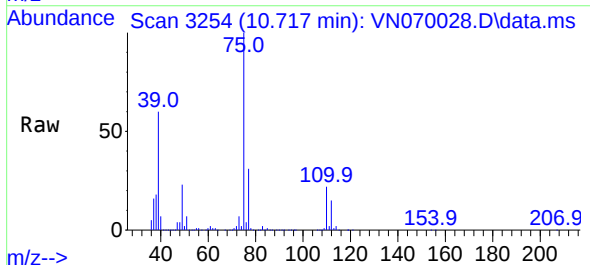
Tgt Ion: 43 Resp: 275274
Ion Ratio Lower Upper
43 100
55 22.2 19.0 28.6

Manual Integrations
APPROVED

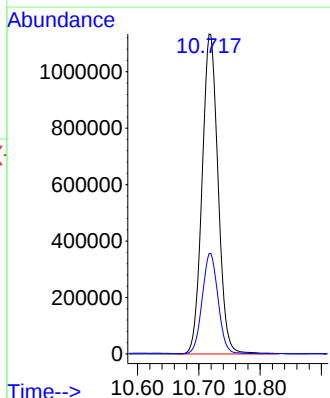
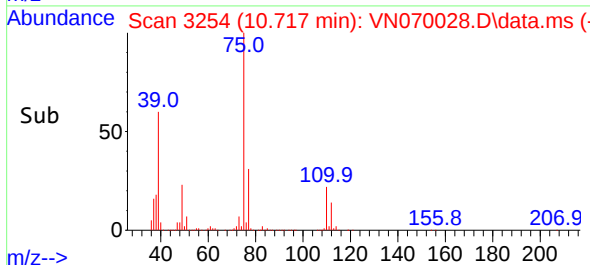
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

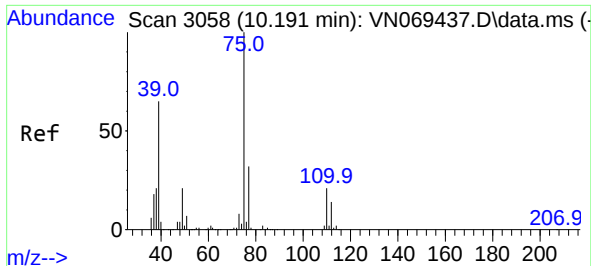


#48
t-1,3-Dichloropropene
Concen: 128.170 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



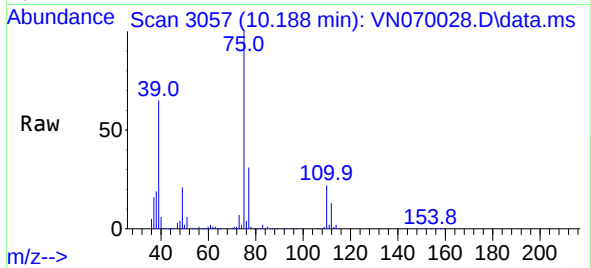
Tgt Ion: 75 Resp: 2054060
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 124.990 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

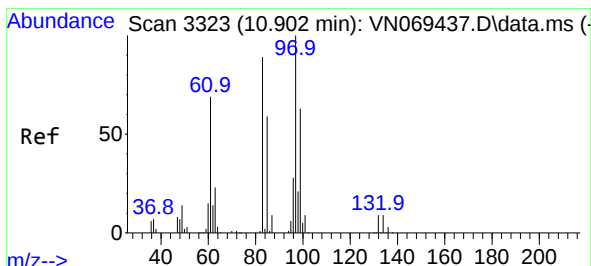
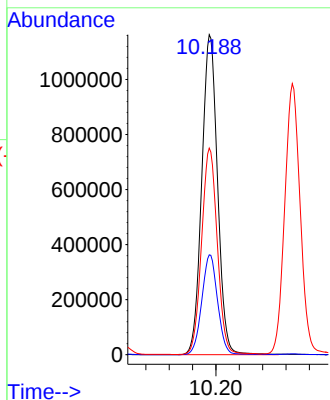
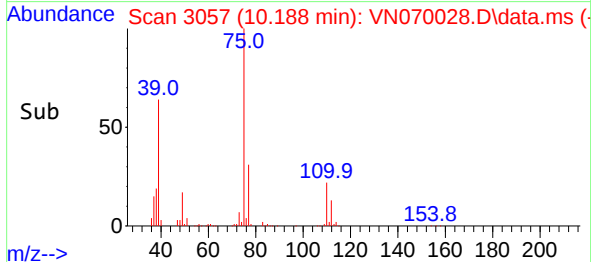
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



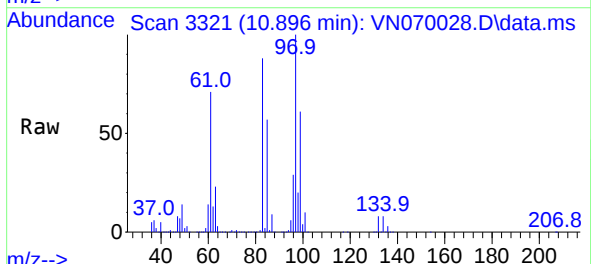
Tgt Ion: 75 Resp: 217970
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 64.5 46.2 69.4

Manual Integrations
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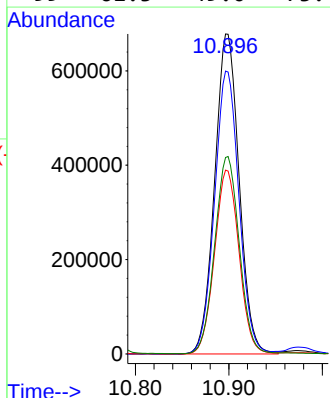
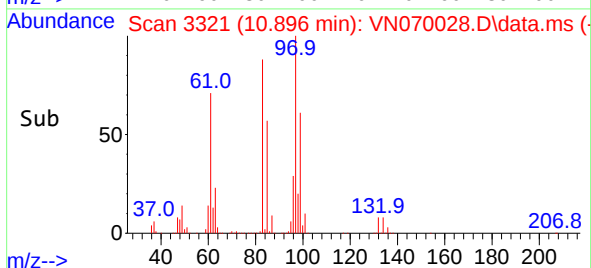
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

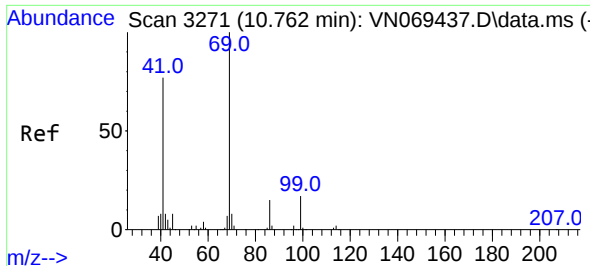


#50
1,1,2-Trichloroethane
Concen: 109.325 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



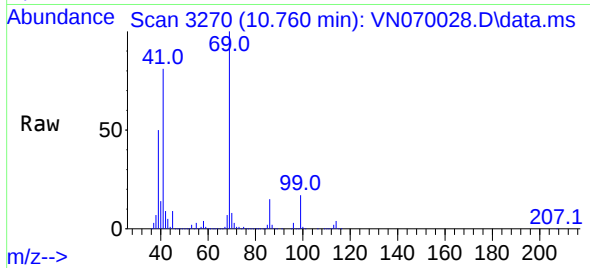
Tgt Ion: 97 Resp: 1235142
Ion Ratio Lower Upper
97 100
83 88.4 67.2 100.8
85 57.4 43.0 64.4
99 61.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 113.224 ug/l
RT: 10.760 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

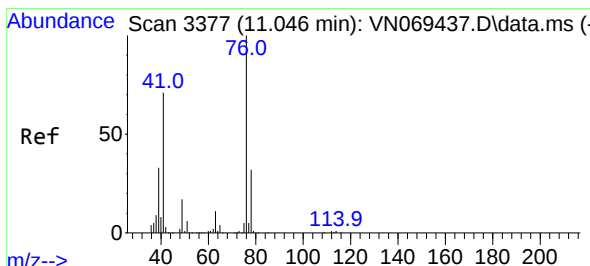
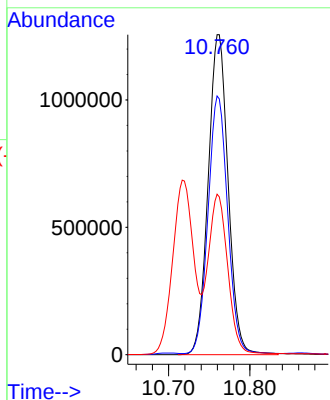
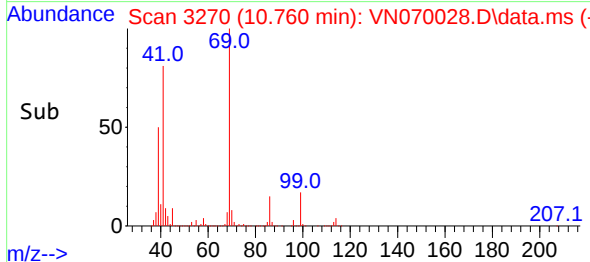
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 2144679
Ion Ratio Lower Upper
69 100
41 80.5 33.0 98.9
39 49.8 25.4 76.4

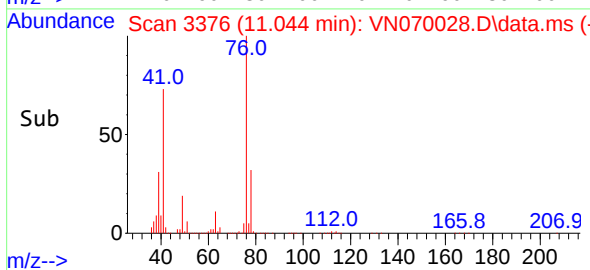
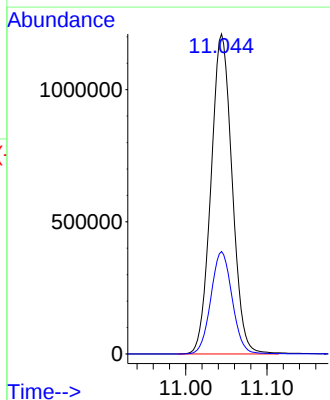
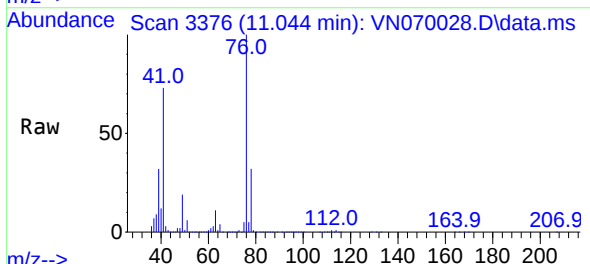
Manual Integrations
APPROVED

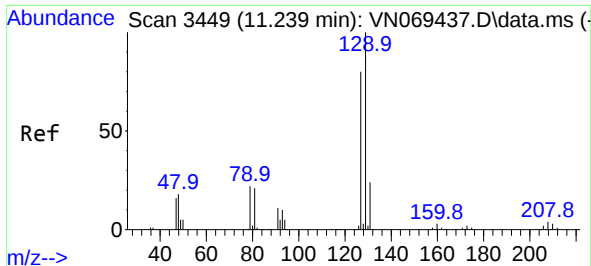
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#52
1,3-Dichloropropane
Concen: 111.974 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Tgt Ion: 76 Resp: 2185193
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





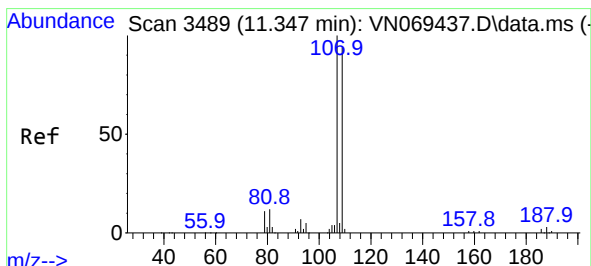
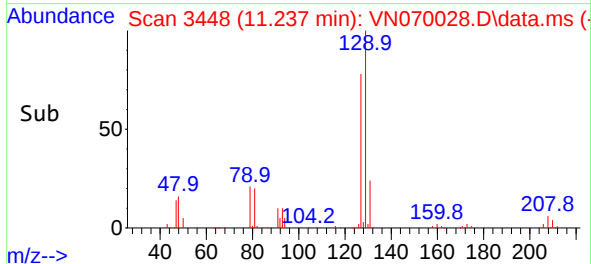
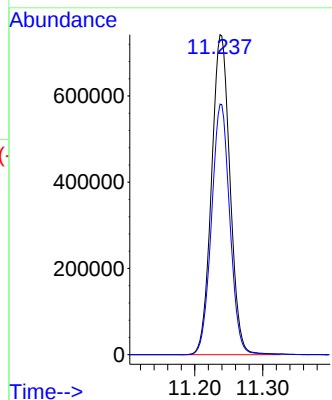
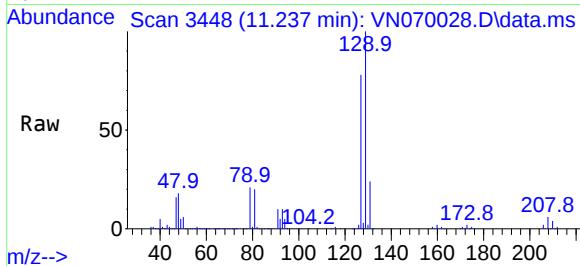
#53
Dibromochloromethane
Concen: 129.833 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 140168
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

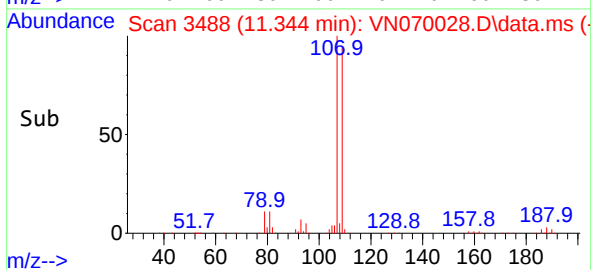
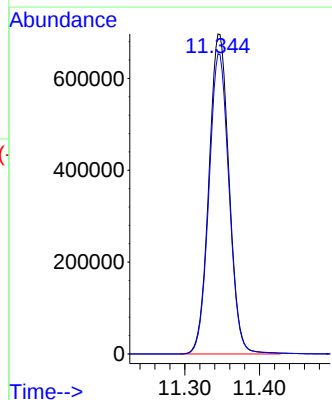
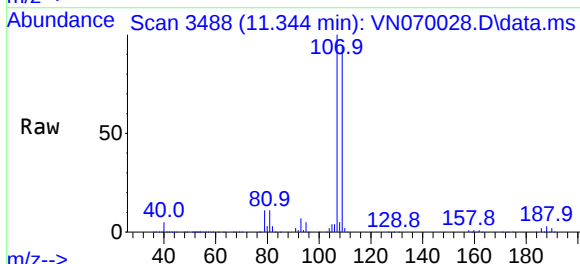
Manual Integrations
APPROVED

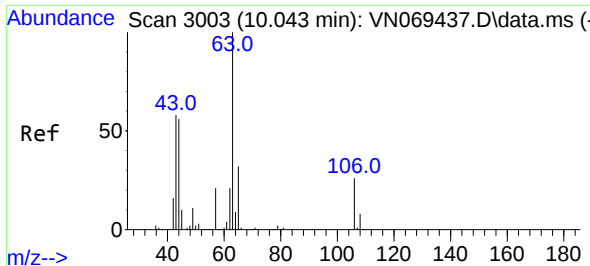
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
1,2-Dibromoethane
Concen: 111.706 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

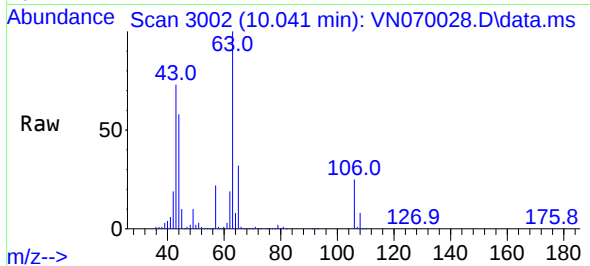
Tgt Ion:107 Resp: 1307021
Ion Ratio Lower Upper
107 100
109 93.4 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 494.958 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

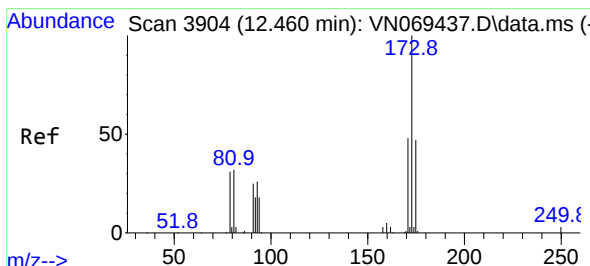
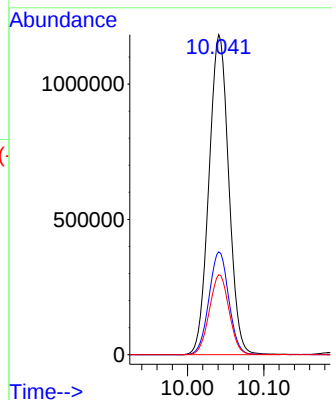
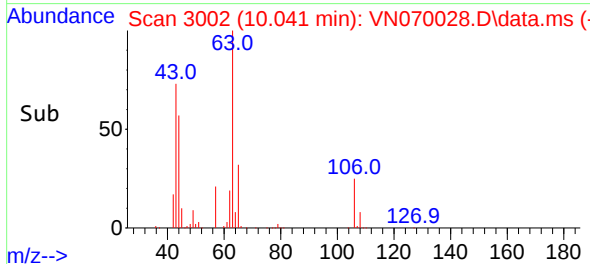
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



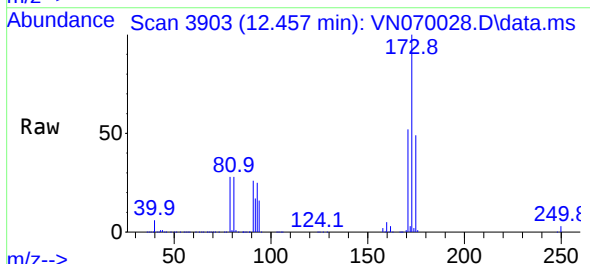
Tgt Ion: 63 Resp: 213257
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 24.9 23.2 34.8

Manual Integrations
APPROVED

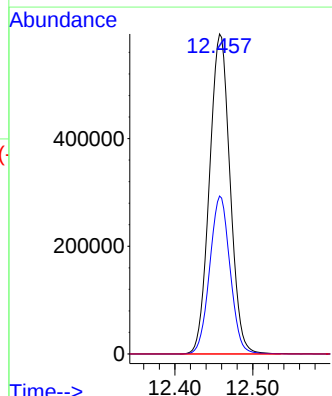
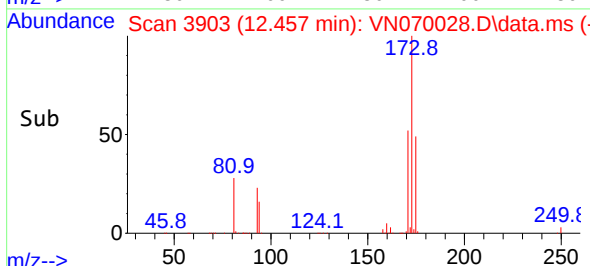
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

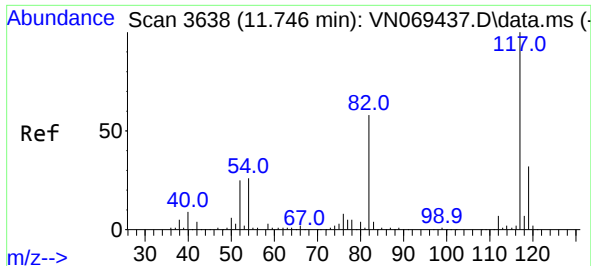


#56
Bromoform
Concen: 140.829 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion:173 Resp: 1090275
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :

MSVOA_N

ClientSampleId :

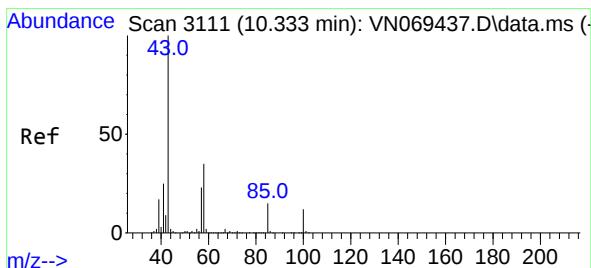
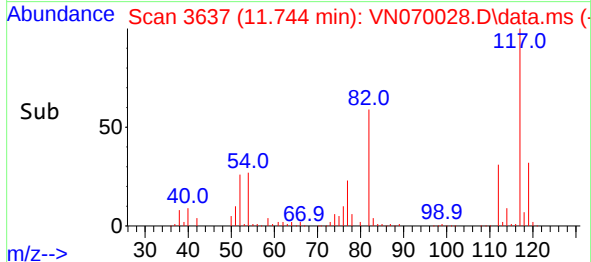
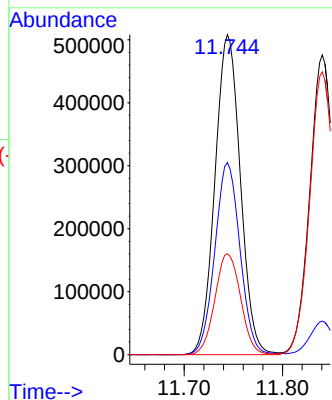
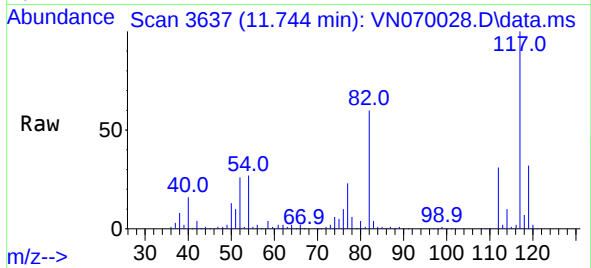
VSTDICC100

Tgt Ion:117 Resp: 91463
Ion Ratio Lower Upper
117 100
82 59.6 43.6 65.4
119 32.0 25.8 38.6

Manual Integrations

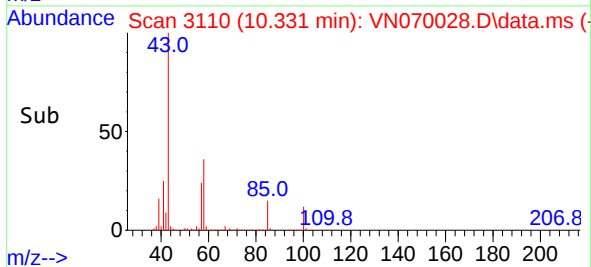
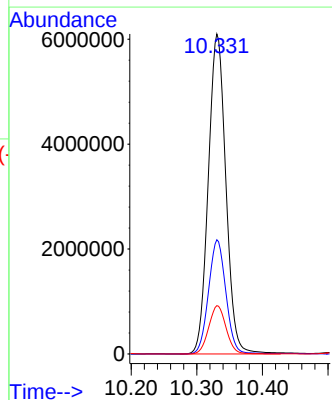
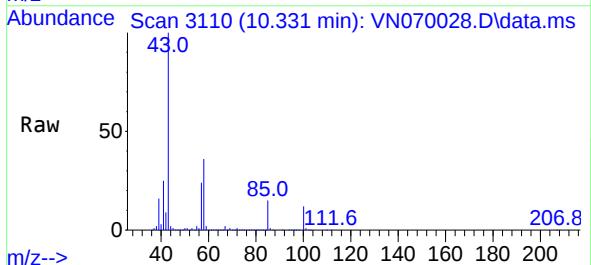
APPROVED

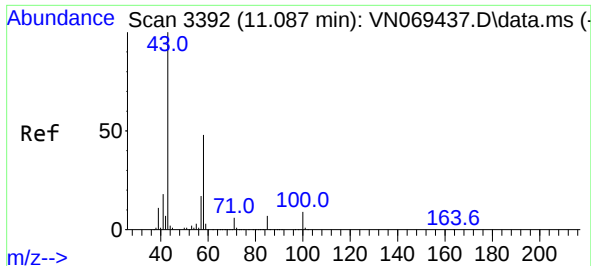
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#58
4-Methyl-2-Pentanone
Concen: 565.153 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Tgt Ion: 43 Resp:11346583
Ion Ratio Lower Upper
43 100
58 35.3 30.0 45.0
85 15.0 15.0 22.6#





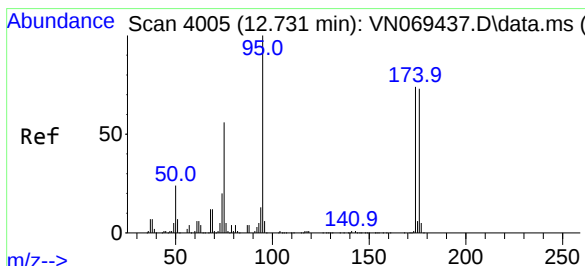
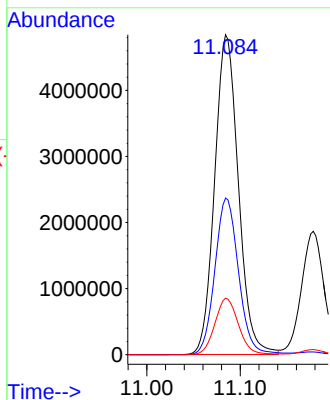
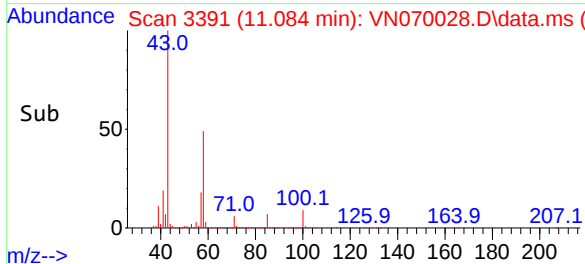
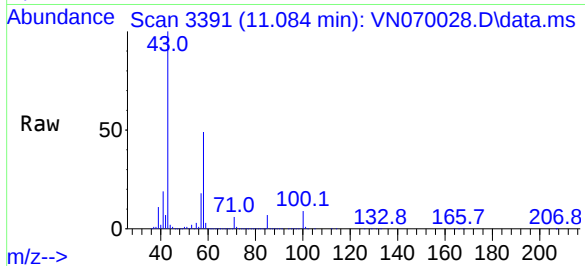
#59
2-Hexanone
Concen: 559.839 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 854982
Ion Ratio Lower Upper
43 100
58 49.0 42.2 63.2
57 17.6 15.0 22.4

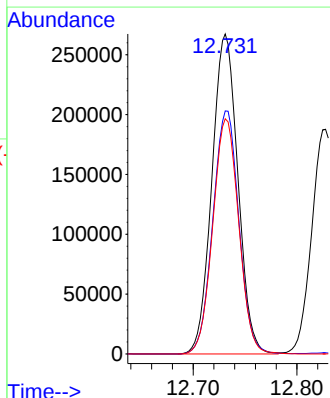
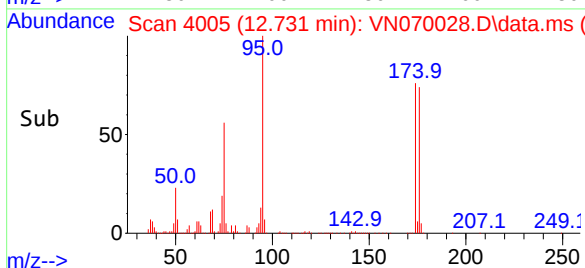
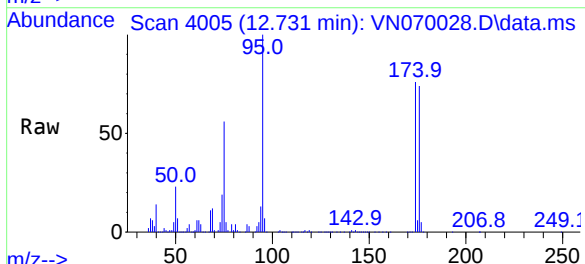
Manual Integrations
APPROVED

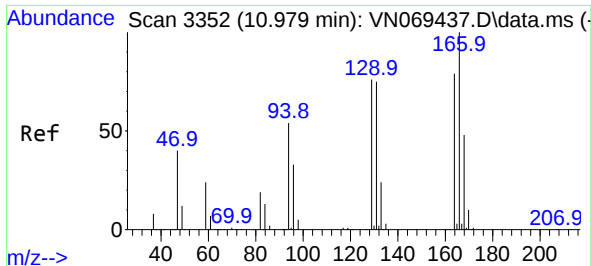
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#60
4-Bromofluorobenzene
Concen: 31.654 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

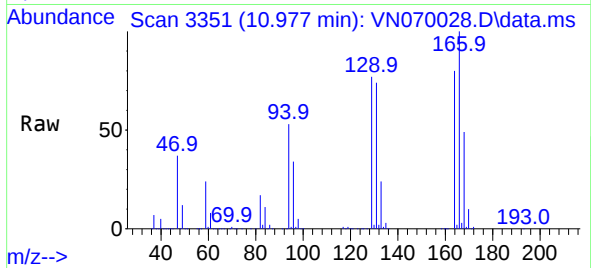
Tgt Ion: 95 Resp: 463306
Ion Ratio Lower Upper
95 100
174 76.4 62.9 94.3
176 73.7 61.0 91.4





#61
Tetrachloroethene
Concen: 108.562 ug/l
RT: 10.977 min Scan# 3175
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

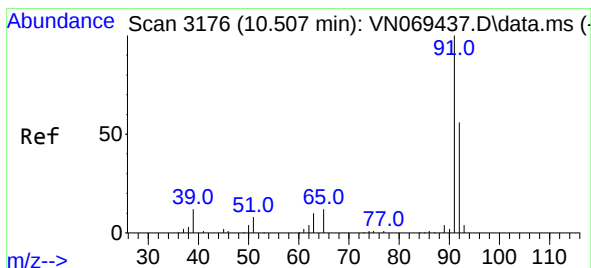
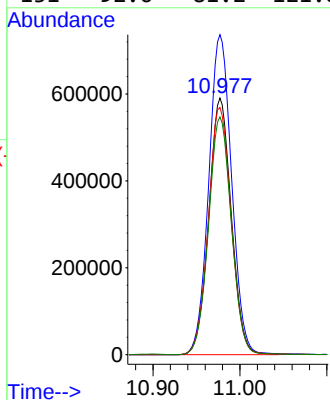
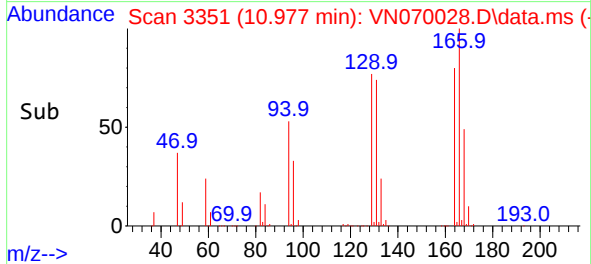
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



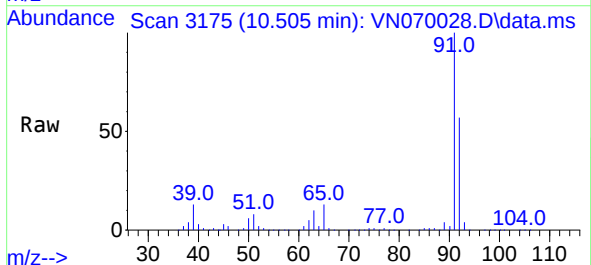
Tgt Ion:164 Resp: 106573
Ion Ratio Lower Upper
164 100
166 124.6 105.8 158.8
129 96.3 82.5 123.7
131 92.6 81.2 121.8

Manual Integrations
APPROVED

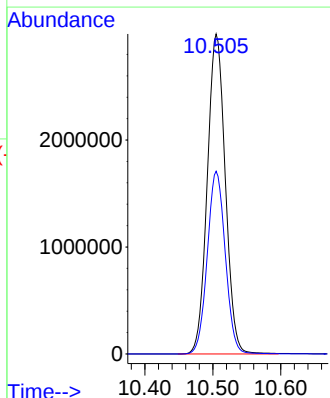
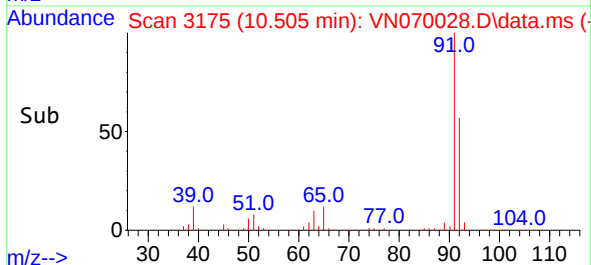
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

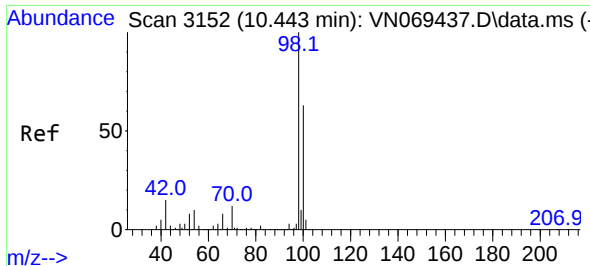


#62
Toluene
Concen: 109.533 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion: 91 Resp: 5505234
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0





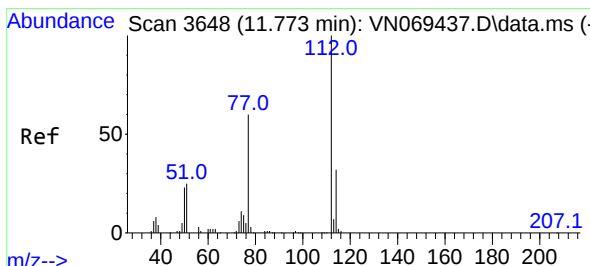
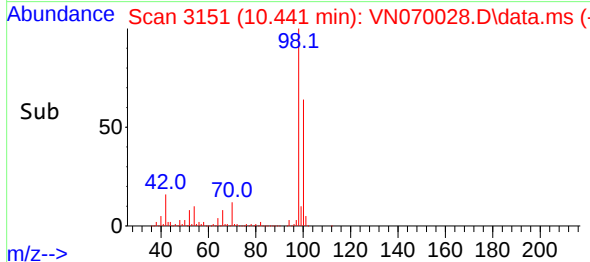
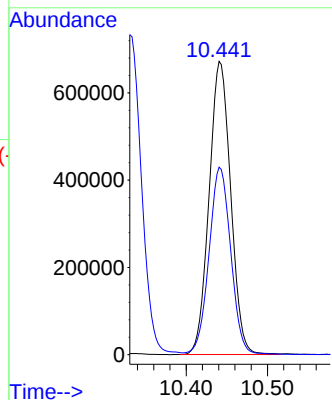
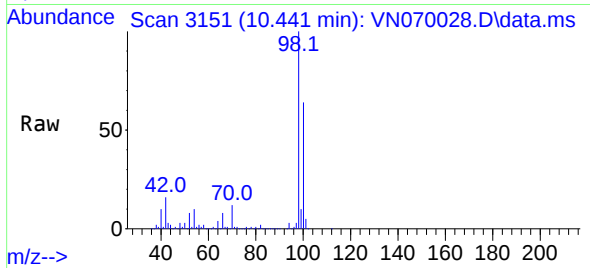
#63
Toluene-d8
Concen: 29.418 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 1242348
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0

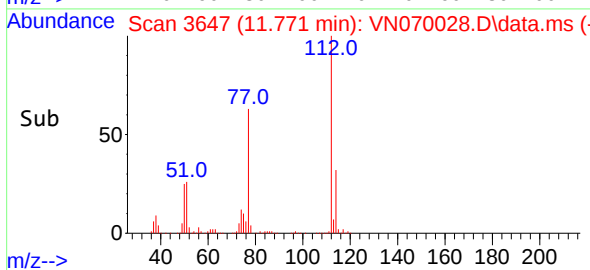
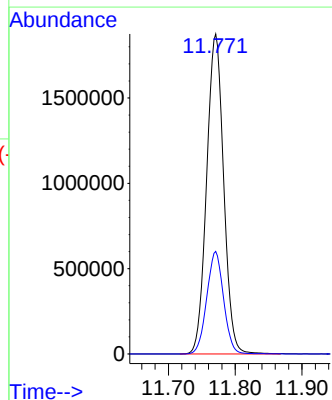
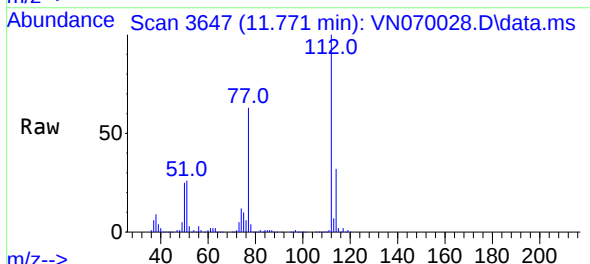
Manual Integrations
APPROVED

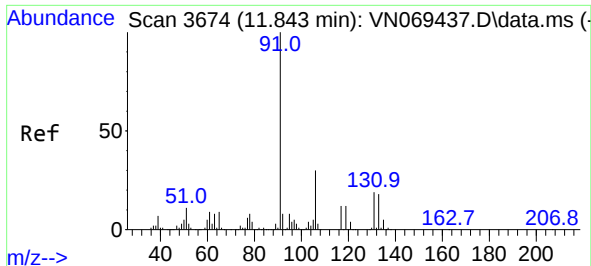
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#64
Chlorobenzene
Concen: 110.177 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Tgt Ion:112 Resp: 3322349
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





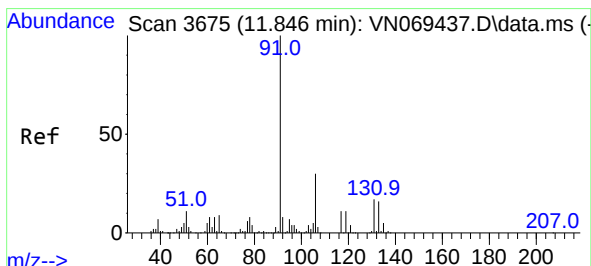
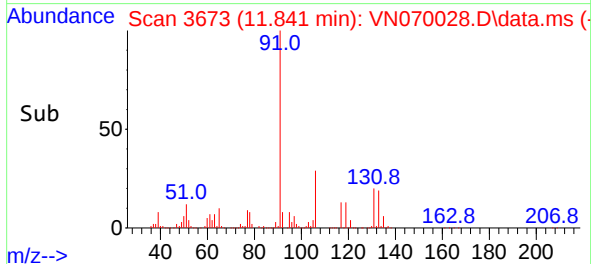
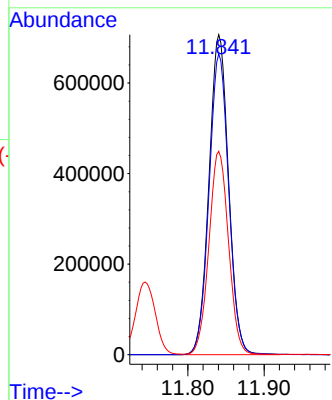
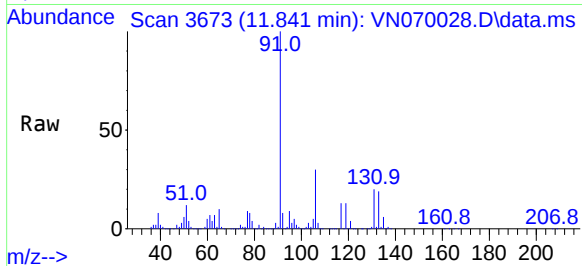
#65
1,1,1,2-Tetrachloroethane
Concen: 118.586 ug/l
RT: 11.841 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 125892
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.2
119 63.6 0.0 128.8

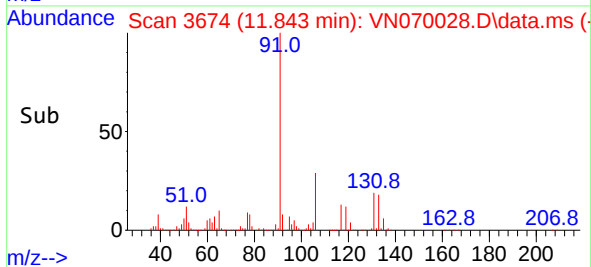
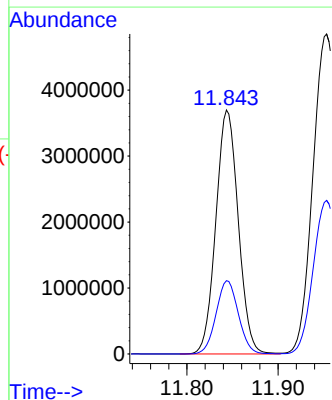
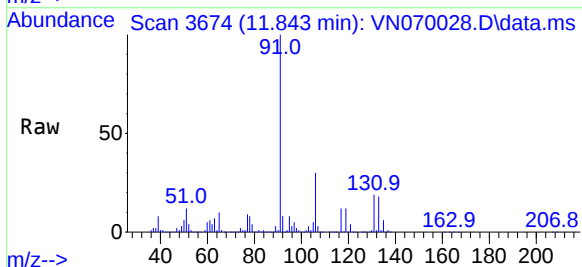
Manual Integrations
APPROVED

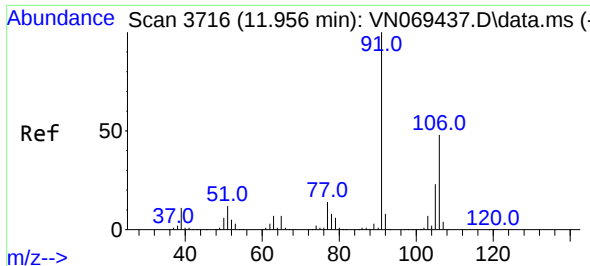
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#66
Ethyl Benzene
Concen: 113.435 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Tgt Ion: 91 Resp: 6310586
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0





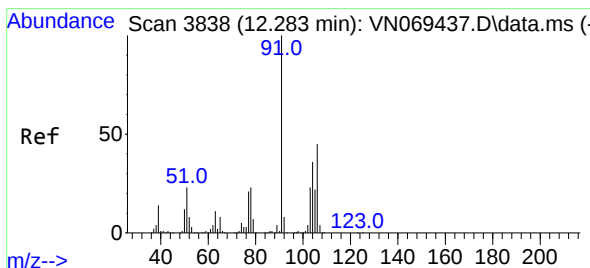
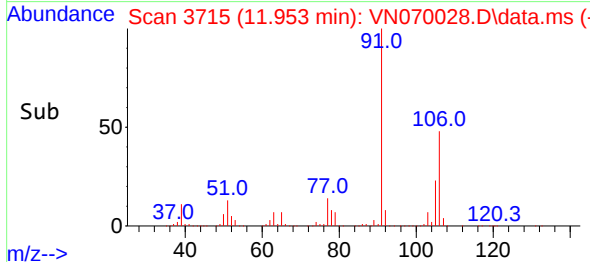
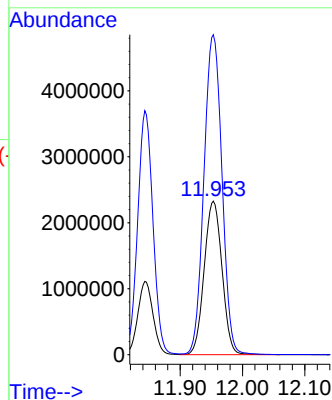
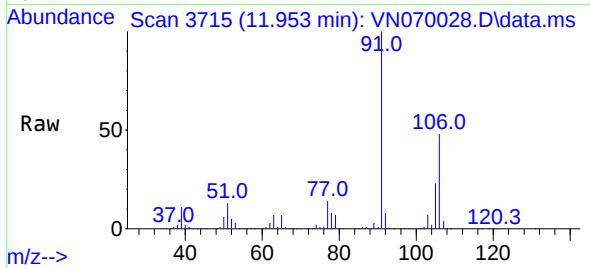
#67
m/p-Xylenes
Concen: 223.736 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 4623019
Ion Ratio Lower Upper
106 100
91 210.9 162.9 244.3

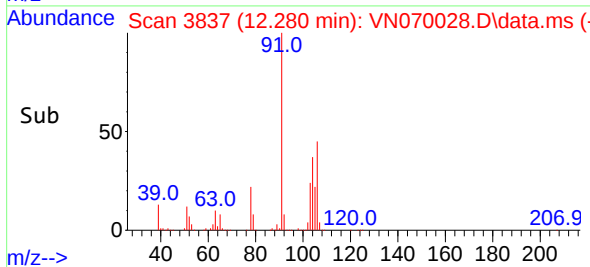
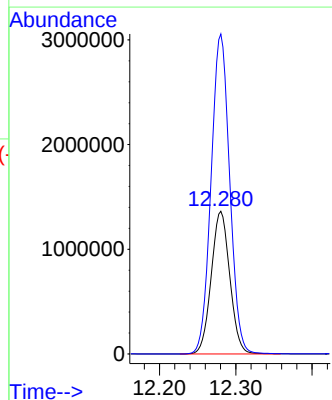
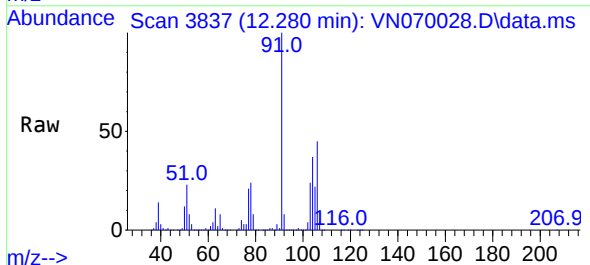
Manual Integrations
APPROVED

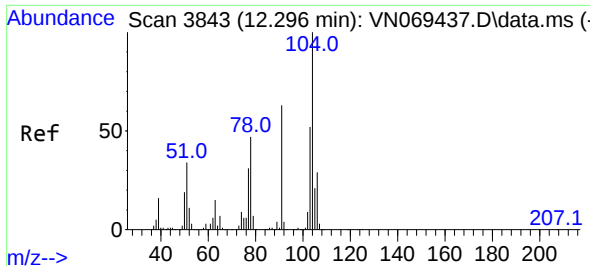
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#68
o-Xylene
Concen: 111.279 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

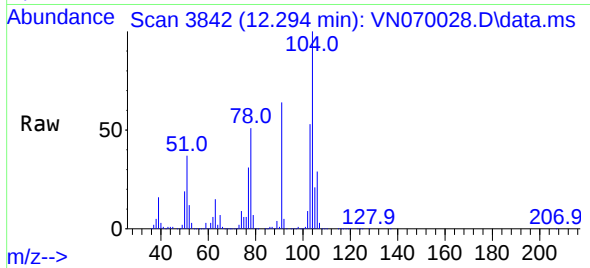
Tgt Ion:106 Resp: 2302259
Ion Ratio Lower Upper
106 100
91 224.8 107.7 323.1





#69
Styrene
Concen: 114.171 ug/l
RT: 12.294 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

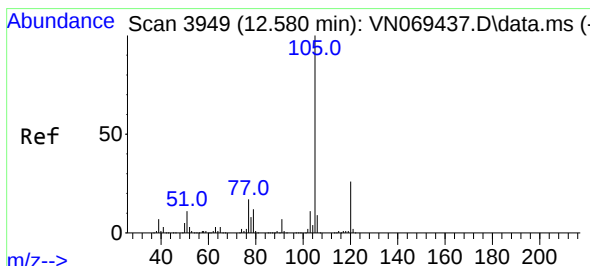
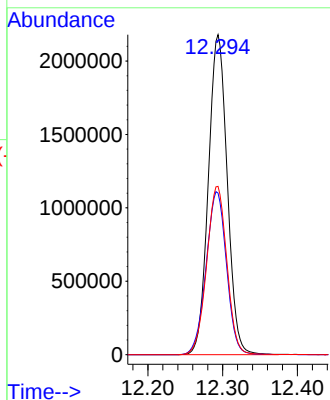
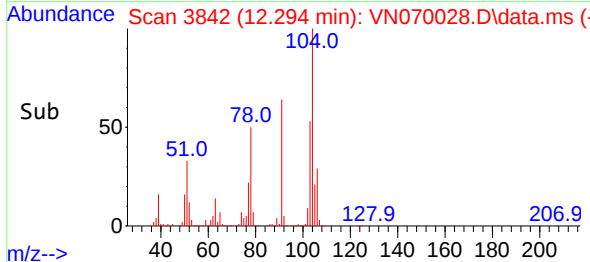
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



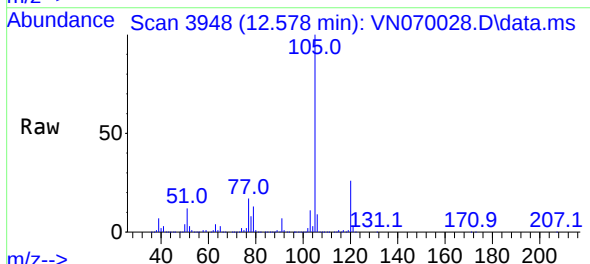
Tgt Ion:104 Resp: 382949
Ion Ratio Lower Upper
104 100
78 55.1 40.7 61.1
103 56.2 45.8 68.8

Manual Integrations
APPROVED

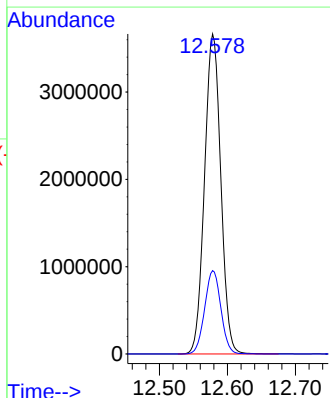
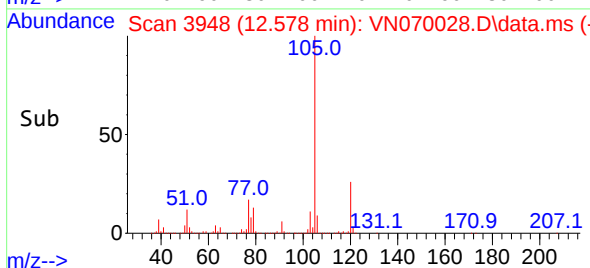
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

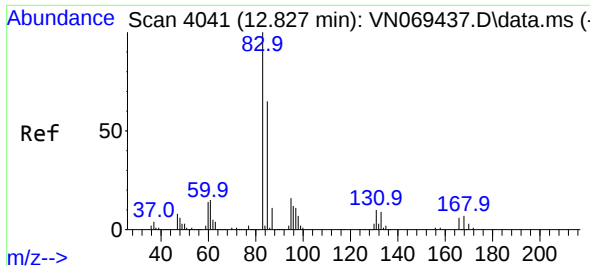


#70
Isopropylbenzene
Concen: 112.556 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion:105 Resp: 6090047
Ion Ratio Lower Upper
105 100
120 26.0 18.3 34.1





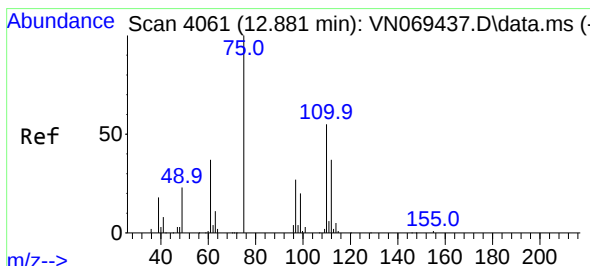
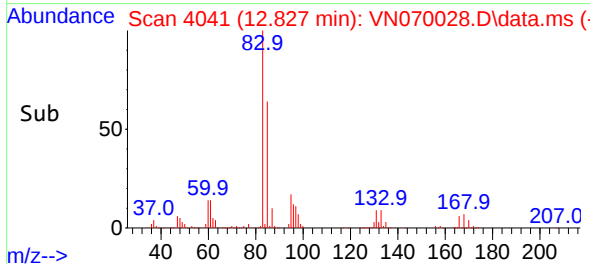
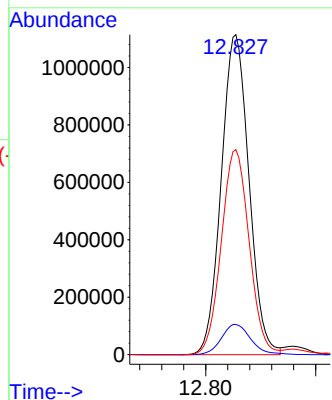
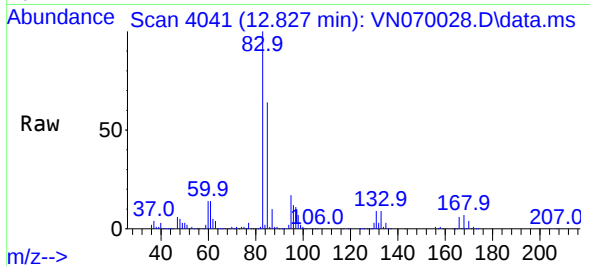
#71
1,1,2,2-Tetrachloroethane
Concen: 109.278 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 1951054
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.3 33.1 99.2

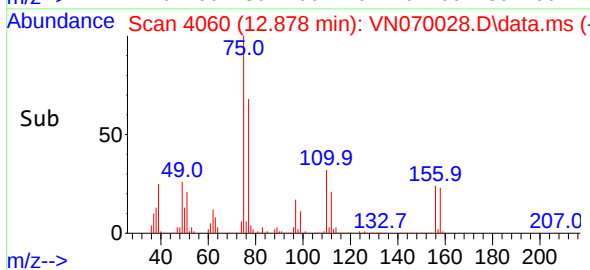
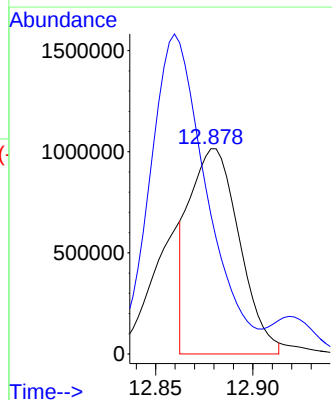
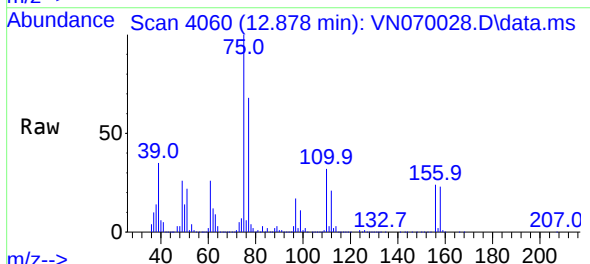
Manual Integrations
APPROVED

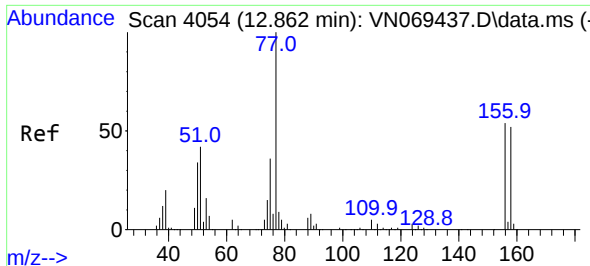
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#72
1,2,3-Trichloropropane
Concen: 103.419 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

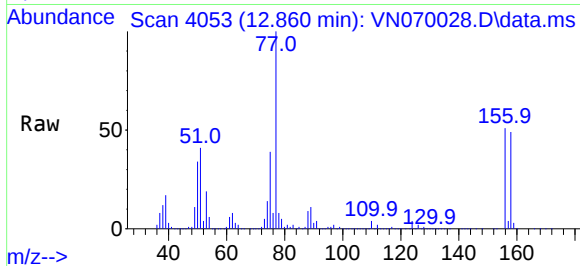
Tgt Ion: 75 Resp: 1798727
Ion Ratio Lower Upper
75 100
77 177.5 0.0 378.0





#73
Bromobenzene
Concen: 112.434 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

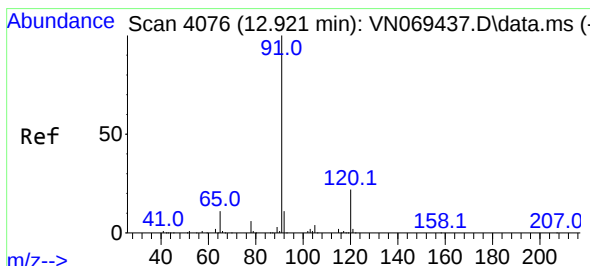
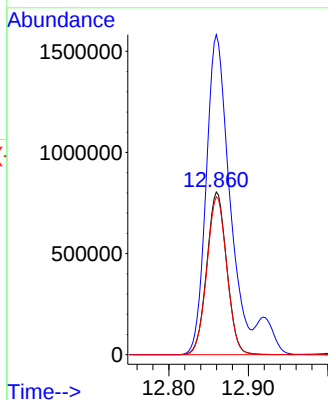
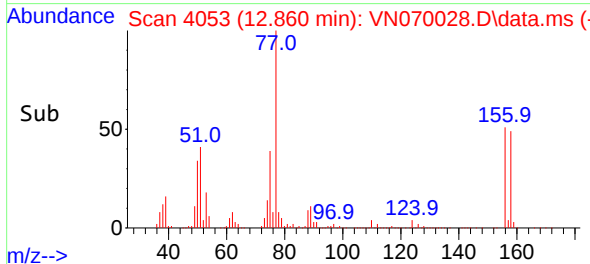
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



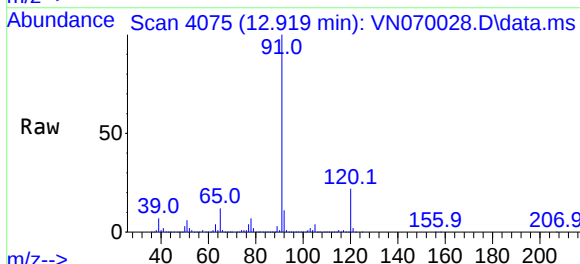
Tgt Ion:156 Resp: 140234
Ion Ratio Lower Upper
156 100
77 227.7 0.0 416.0
158 97.2 0.0 195.4

Manual Integrations
APPROVED

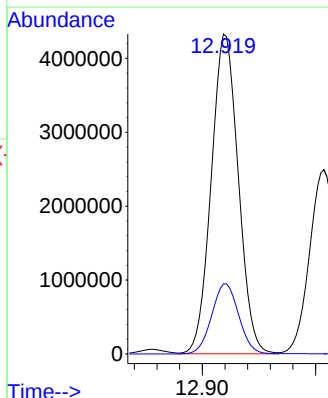
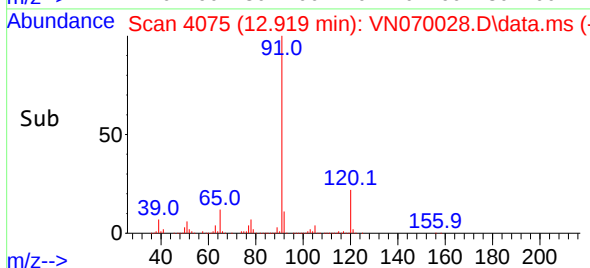
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

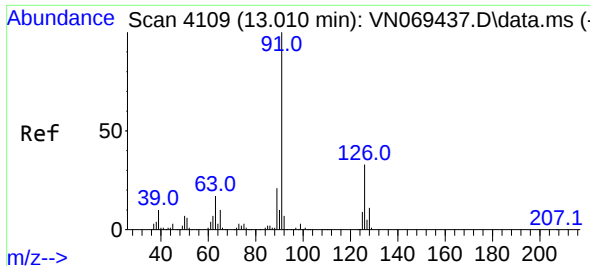


#74
n-propylbenzene
Concen: 115.444 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion: 91 Resp: 7173679
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





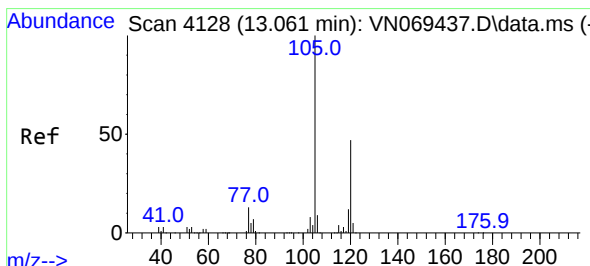
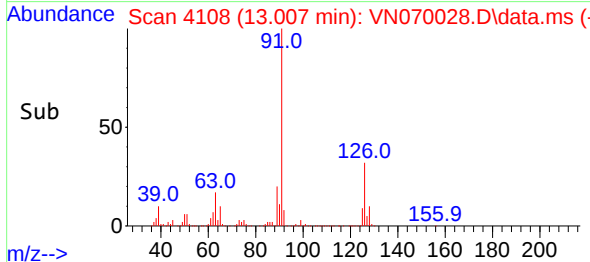
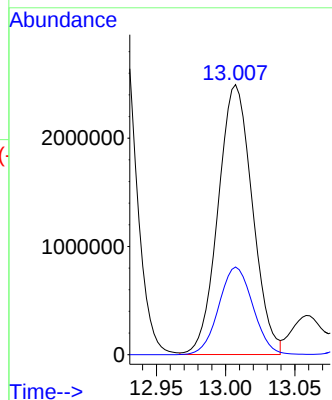
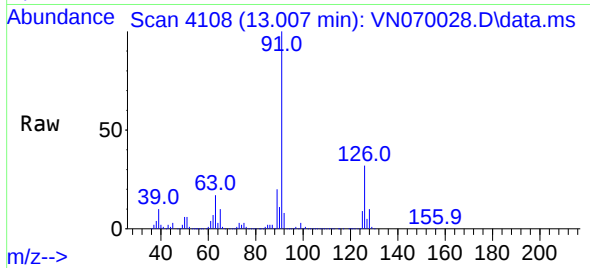
#75
2-Chlorotoluene
Concen: 113.706 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 430121
Ion Ratio Lower Upper
91 100
126 32.4 0.0 69.8

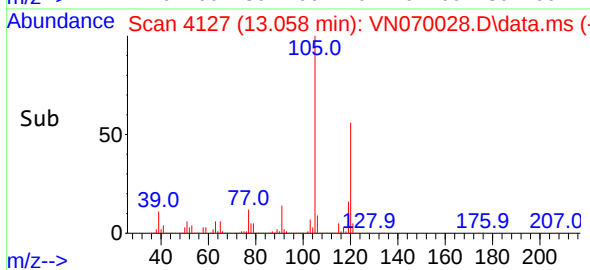
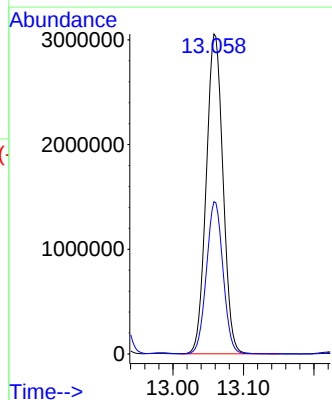
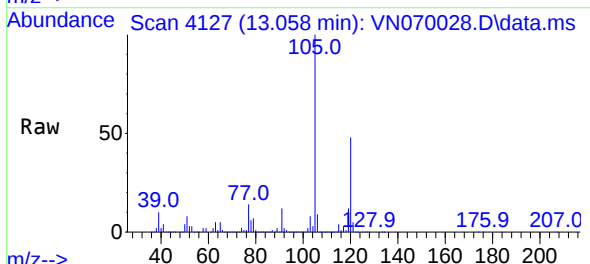
Manual Integrations
APPROVED

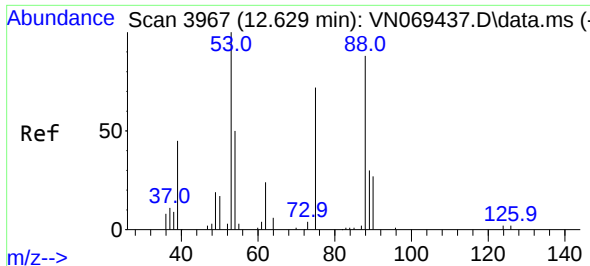
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#76
1,3,5-Trimethylbenzene
Concen: 113.256 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

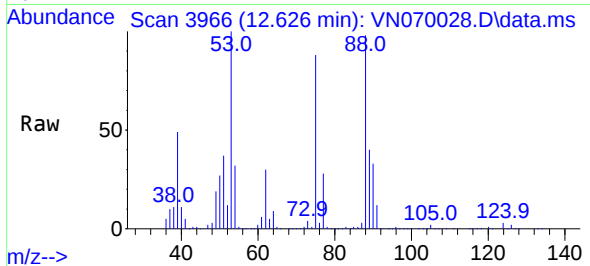
Tgt Ion:105 Resp: 5029593
Ion Ratio Lower Upper
105 100
120 47.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 136.792 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

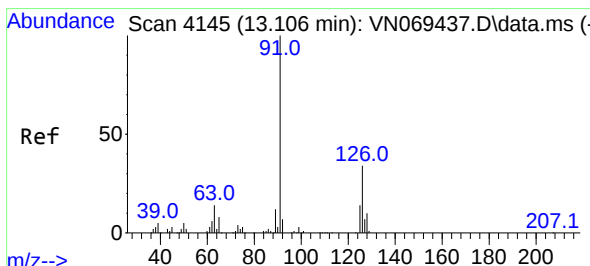
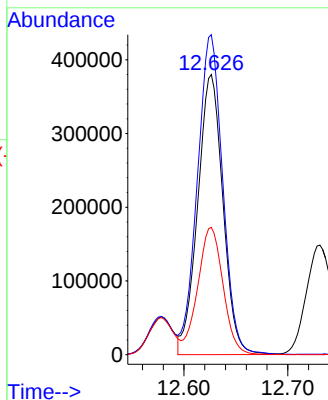
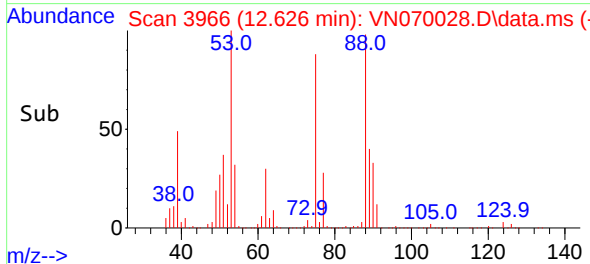
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



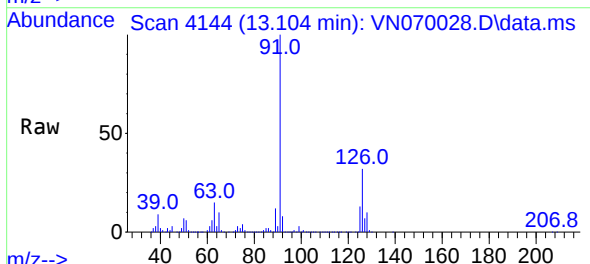
Tgt Ion: 75 Resp: 642229
Ion Ratio Lower Upper
75 100
53 114.3 51.8 155.5
89 45.5 22.9 68.7

Manual Integrations
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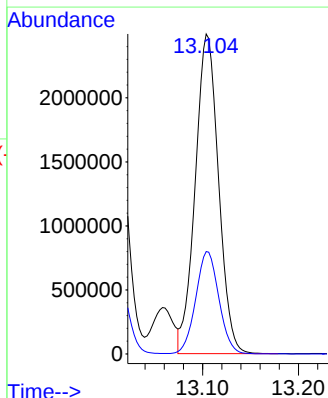
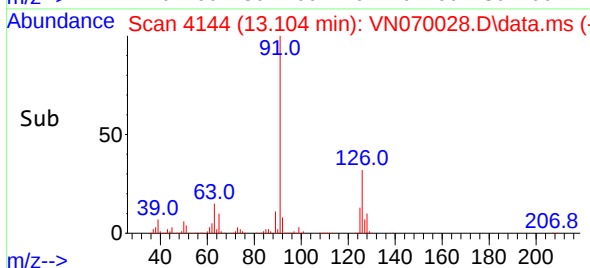
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

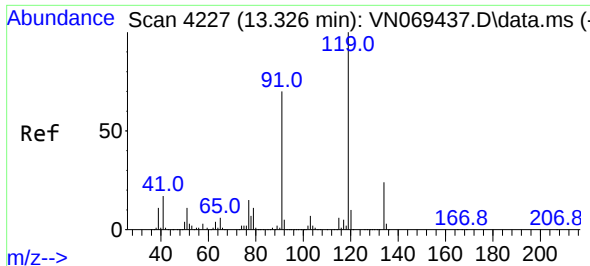


#78
4-Chlorotoluene
Concen: 116.352 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



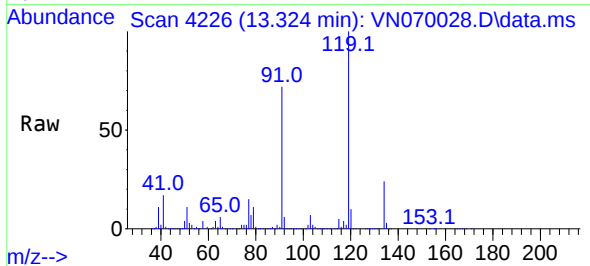
Tgt Ion: 91 Resp: 4214918
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6





#79
tert-butylbenzene
Concen: 111.526 ug/l
RT: 13.324 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

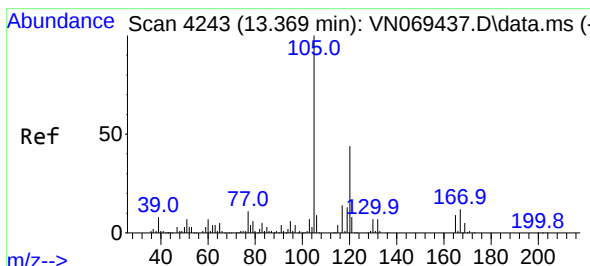
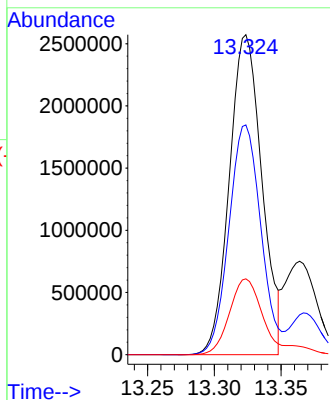
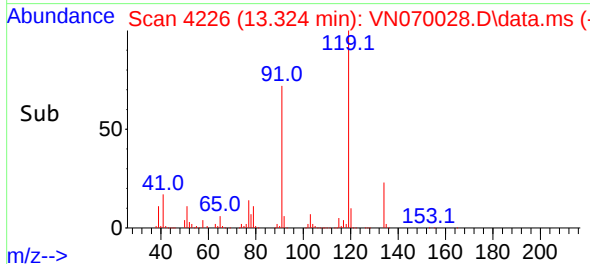
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



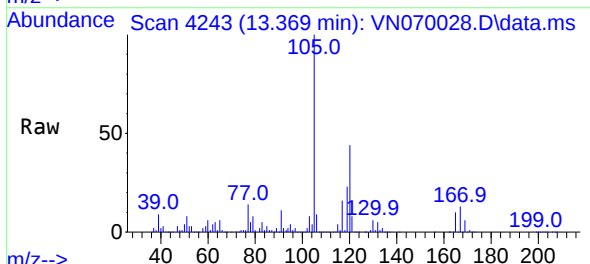
Tgt Ion:119 Resp: 4356799
Ion Ratio Lower Upper
119 100
91 70.6 0.0 137.0
134 23.8 0.0 47.6

Manual Integrations
APPROVED

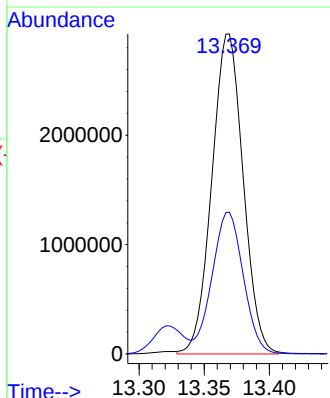
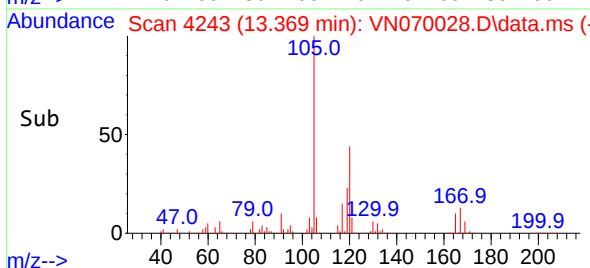
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

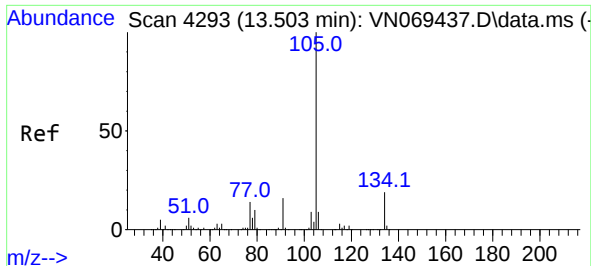


#80
1,2,4-Trimethylbenzene
Concen: 112.801 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion:105 Resp: 4886682
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





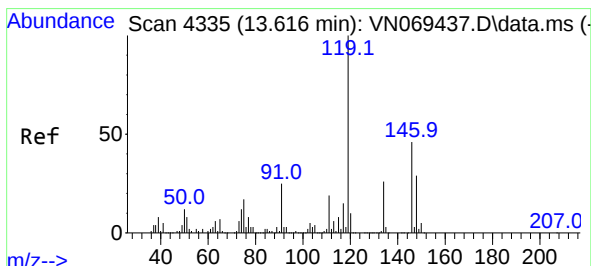
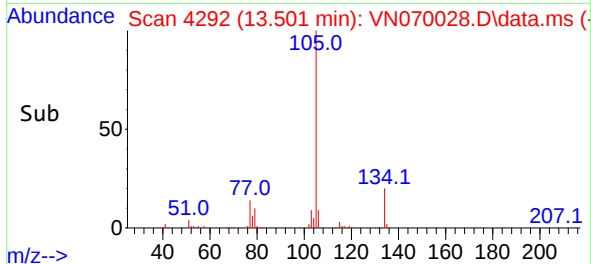
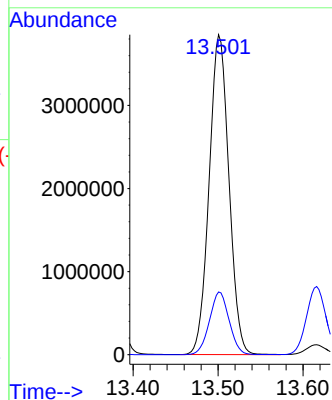
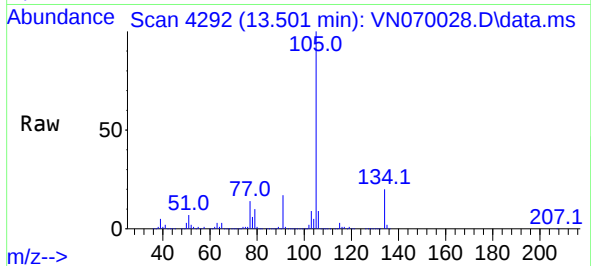
#81
 sec-Butylbenzene
 Concen: 113.819 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. 0.000 min
 Lab File: VN070028.D
 Acq: 13 Dec 2021 11:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 6221140
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

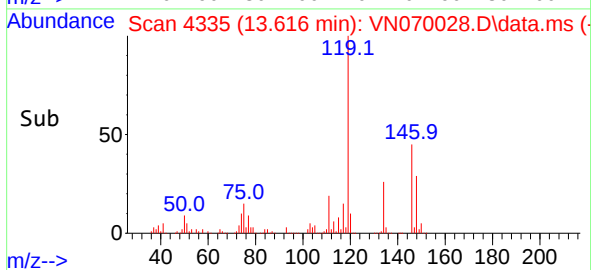
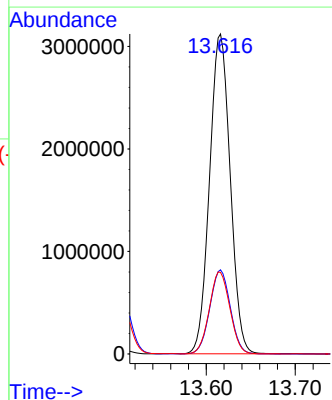
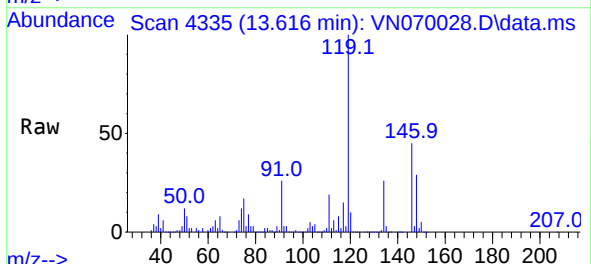
Manual Integrations
 APPROVED

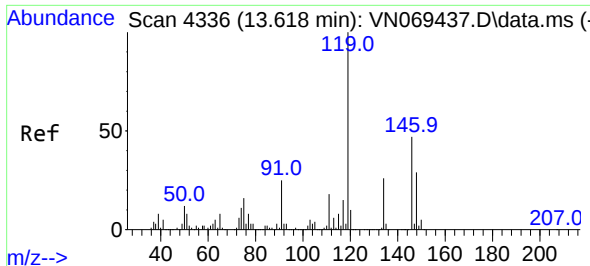
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#82
 p-Isopropyltoluene
 Concen: 115.062 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070028.D
 Acq: 13 Dec 2021 11:35

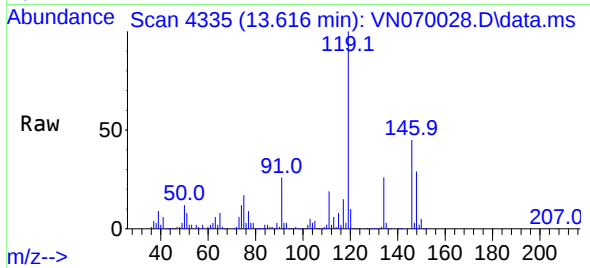
Tgt Ion:119 Resp: 5018056
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 25.6 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 114.547 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

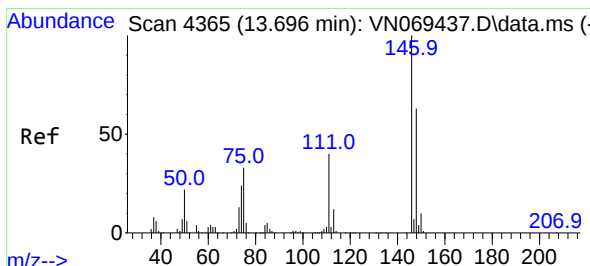
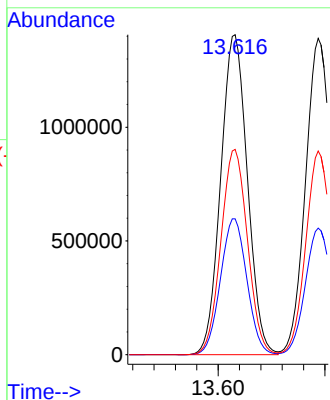
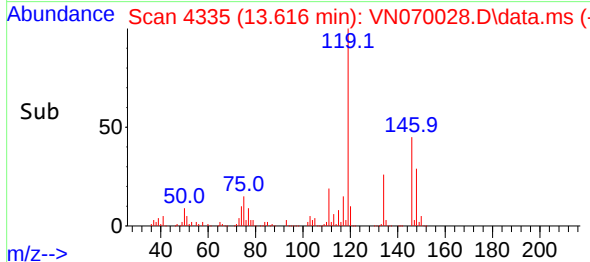
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



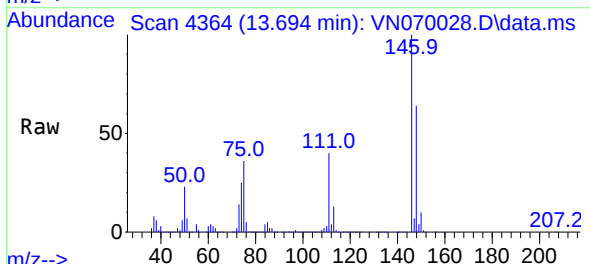
Tgt Ion:146 Resp: 244269
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.2
148 63.9 31.4 94.3

Manual Integrations
APPROVED

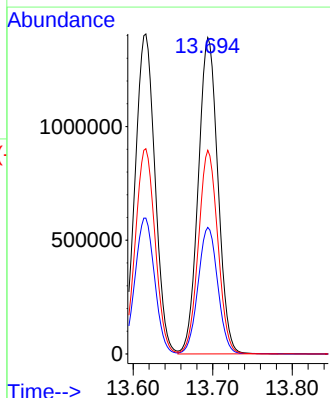
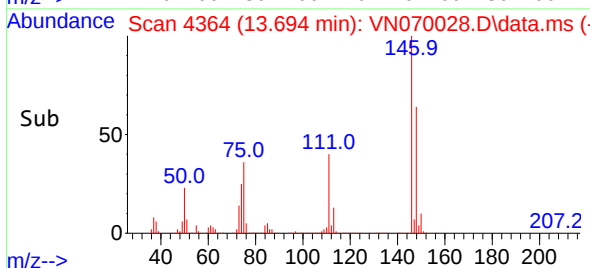
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

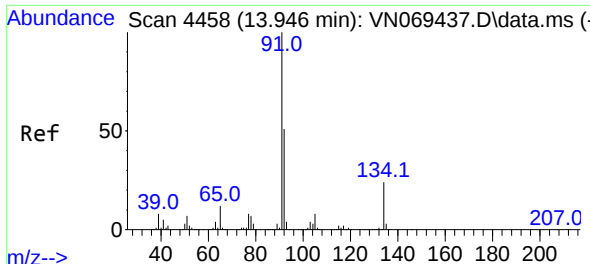


#84
1,4-Dichlorobenzene
Concen: 115.266 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion:146 Resp: 2384605
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 63.7 31.1 93.5





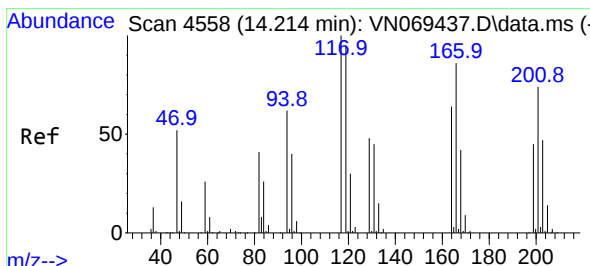
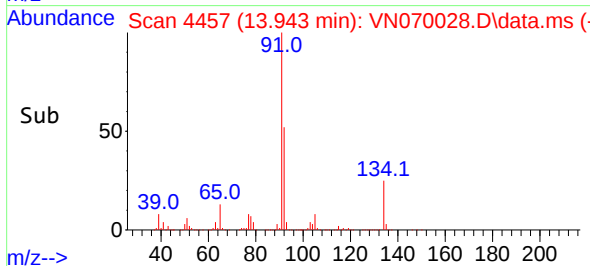
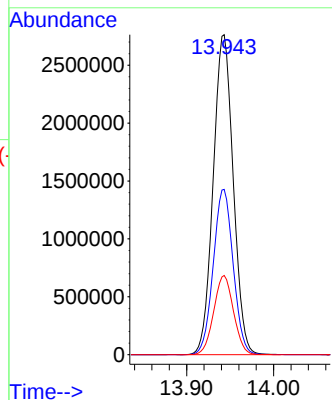
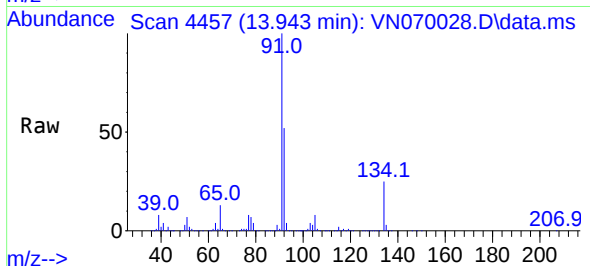
#85
n-Butylbenzene
Concen: 121.369 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 4417730
Ion Ratio Lower Upper
91 100
92 51.4 0.0 100.6
134 24.5 0.0 50.2

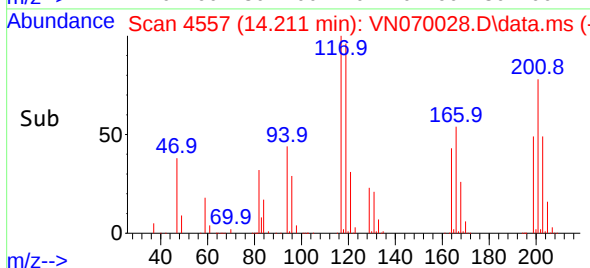
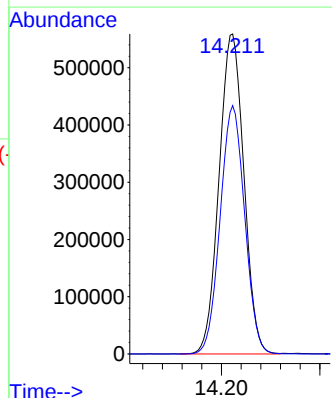
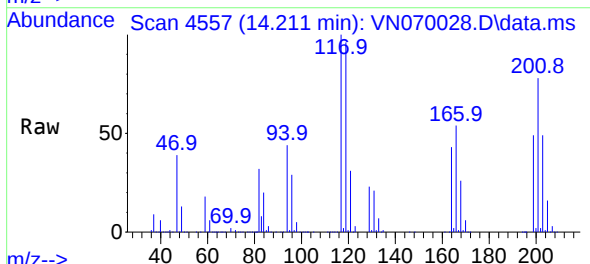
Manual Integrations
APPROVED

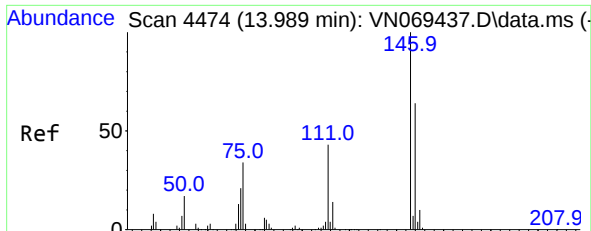
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#86
Hexachloroethane
Concen: 135.584 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

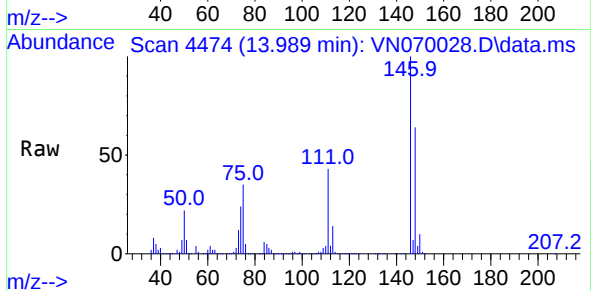
Tgt Ion:117 Resp: 978615
Ion Ratio Lower Upper
117 100
201 76.7 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 113.122 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

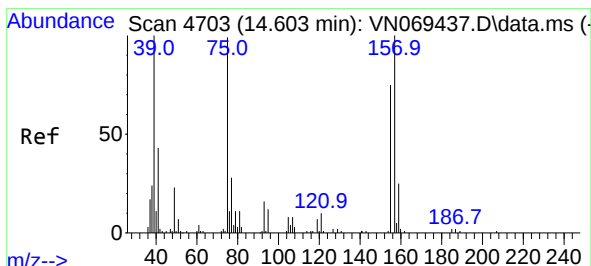
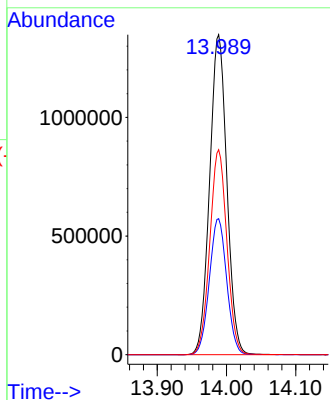
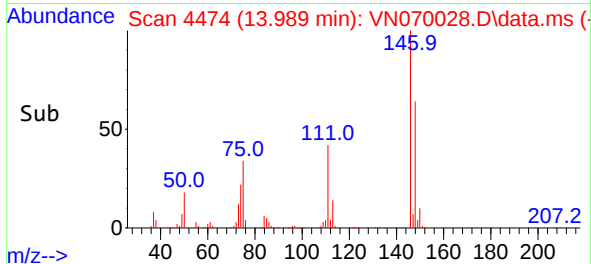
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



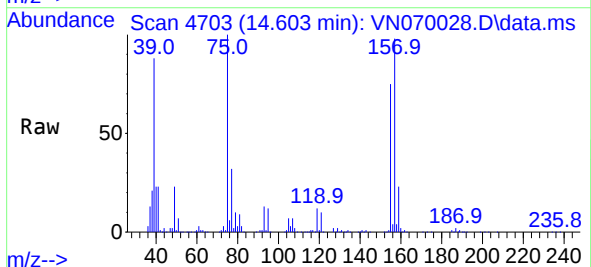
Tgt Ion:146 Resp: 232814
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.2
148 63.9 32.5 97.4

Manual Integrations
APPROVED

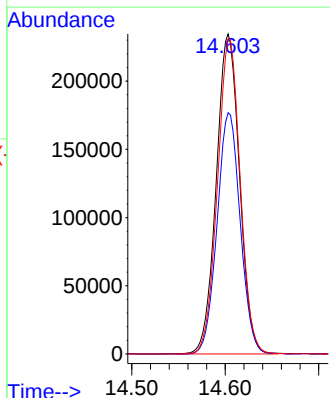
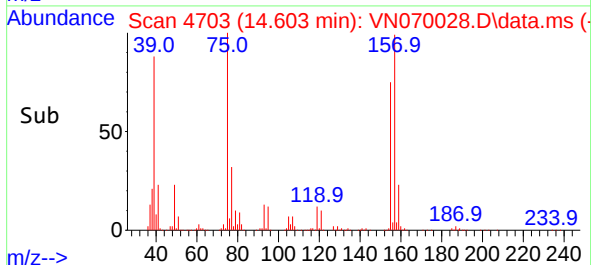
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

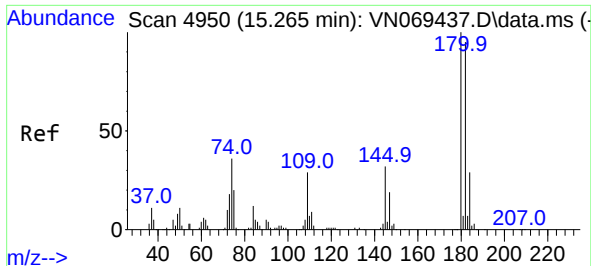


#88
1,2-Dibromo-3-Chloropropane
Concen: 129.906 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion: 75 Resp: 406012
Ion Ratio Lower Upper
75 100
155 75.0 63.8 95.8
157 96.3 77.9 116.9





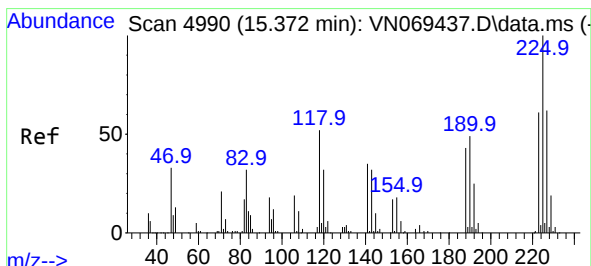
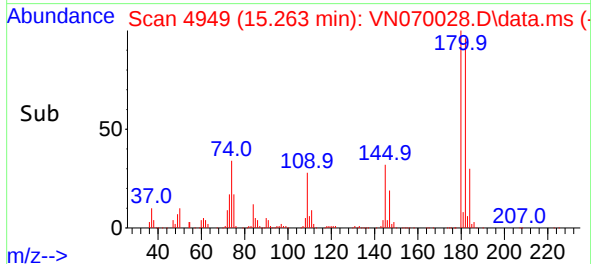
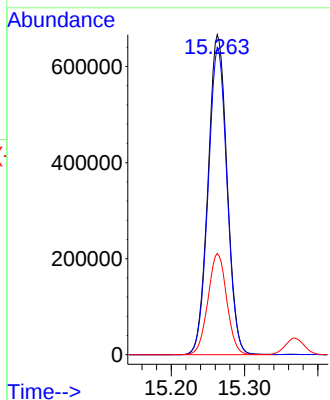
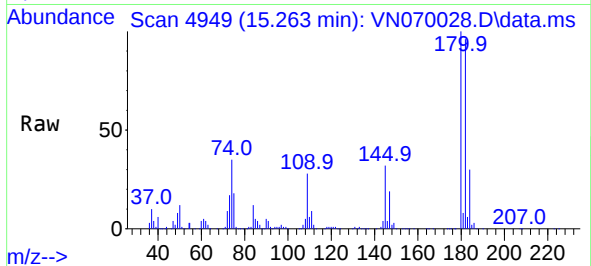
#89
1,2,4-Trichlorobenzene
Concen: 121.943 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:180 Resp: 1203339
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 31.2 26.6 39.8

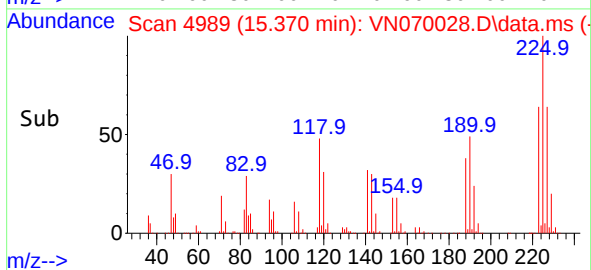
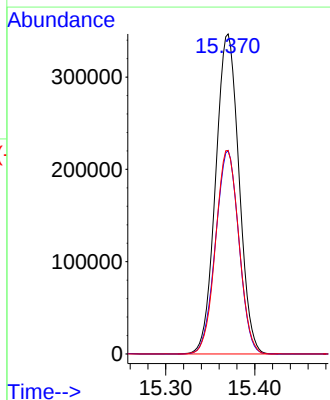
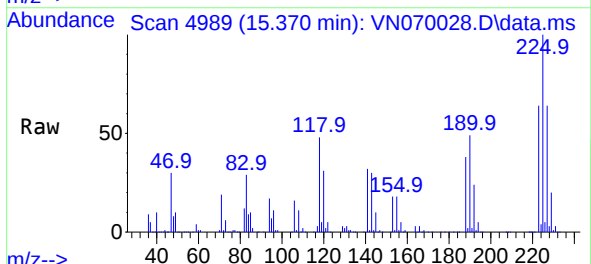
Manual Integrations
APPROVED

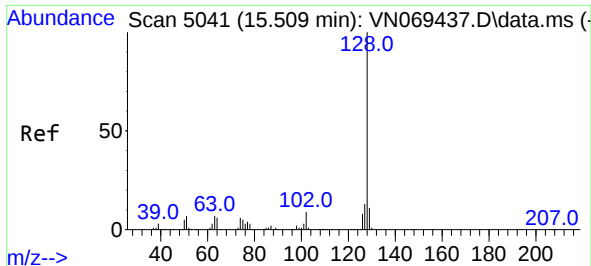
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#90
Hexachlorobutadiene
Concen: 118.415 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

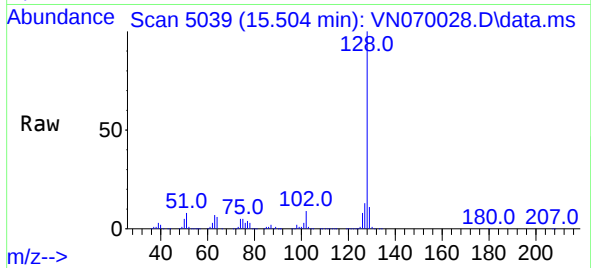
Tgt Ion:225 Resp: 631899
Ion Ratio Lower Upper
225 100
223 63.5 0.0 126.8
227 63.5 0.0 123.0





#91
Naphthalene
Concen: 118.068 ug/l
RT: 15.504 min Scan# 5041
Delta R.T. -0.005 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35

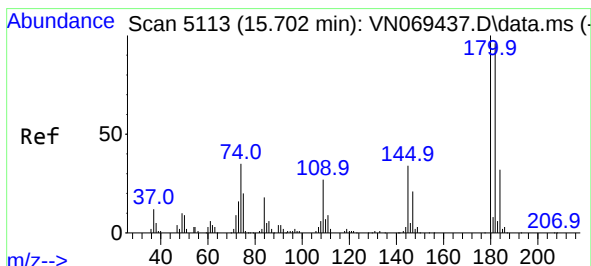
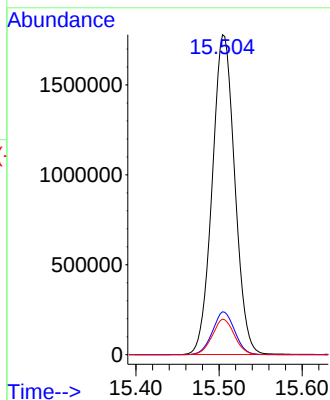
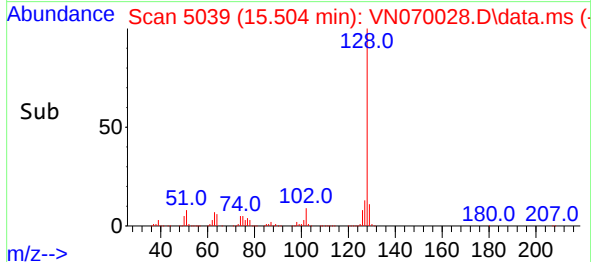
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



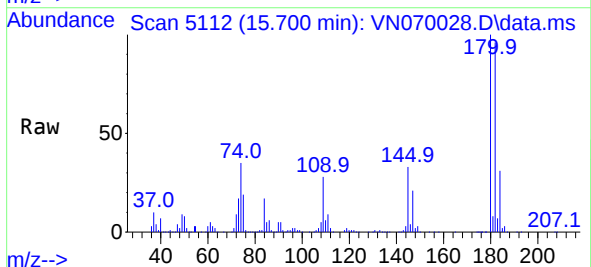
Tgt Ion:128 Resp: 335632
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#92
1,2,3-Trichlorobenzene
Concen: 116.984 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070028.D
Acq: 13 Dec 2021 11:35



Tgt Ion:180 Resp: 1134856
Ion Ratio Lower Upper
180 100
182 95.1 0.0 190.0
145 32.5 0.0 67.8

