

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069131.D
 Acq On : 22 Oct 2021 12:52
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 22 13:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 12:48:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) Bromochloromethane	7.662	128	59516	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	331896	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	318278	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	135788	29.896	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.667%
60) 4-Bromofluorobenzene	12.733	95	173190	33.924	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	113.067%#
63) Toluene-d8	10.443	98	424830	29.533	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.433%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	604089	208.016	ug/l	98
3) Chloromethane	2.301	50	595605	169.664	ug/l	97
4) Vinyl Chloride	2.443	62	710429	114.137	ug/l	99
5) Bromomethane	2.821	94	427085	74.411	ug/l	99
6) Chloroethane	2.995	64	435834	88.040	ug/l	98
7) Trichlorofluoromethane	3.365	101	927666	164.082	ug/l	98
8) Diethyl Ether	3.824	74	324015	164.107	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	502155	155.322	ug/l #	70
10) 1,1-Dichloroethene	4.181	96	491365	162.700	ug/l	97
11) Methyl Iodide	4.422	142	736360	195.897	ug/l	96
12) Methyl Acetate	4.851	43	917029	172.154	ug/l	98
13) Acrolein	4.041	56	254605	1036.560	ug/l	98
14) Acrylonitrile	5.554	53	1366570	817.232	ug/l	99
15) Acetone	4.285	58	379557	782.360	ug/l	99
16) Carbon Disulfide	4.532	76	1382894	170.734	ug/l	99
17) Allyl chloride	4.840	41	858385	176.061	ug/l	92
18) Methylene Chloride	5.098	84	576991	153.925	ug/l	98
19) trans-1,2-Dichloroethene	5.597	96	539925	154.157	ug/l	94
20) Diisopropyl ether	6.498	45	1821167	163.475	ug/l	94
21) 1,1-Dichloroethane	6.388	63	1013960	157.698	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	639794	149.499	ug/l	100
23) tert-Butyl Alcohol	5.369	59	553415	877.124	ug/l #	100
24) Methyl tert-Butyl Ether	5.615	73	1876949	159.055	ug/l	98
25) Chloroform	7.820	83	1085722	145.906	ug/l	99
26) Cyclohexane	8.099	56	918868	161.723	ug/l #	98
29) 1,1-Dichloropropene	8.225	75	799957	149.867	ug/l	98
30) 2-Butanone	7.335	43	1866557	765.082	ug/l	99
31) 2,2-Dichloropropane	7.327	77	951331	153.841	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	1001683	147.867	ug/l	99
33) Carbon Tetrachloride	8.209	117	861339	143.923	ug/l	99
34) Benzene	8.461	78	2355586	148.767	ug/l	97
35) Methacrylonitrile	7.638	41	398134	166.727	ug/l	98
36) 1,2-Dichloroethane	8.531	62	861554	147.286	ug/l	100
37) Trichloroethene	9.217	130	605017	146.163	ug/l	92
38) Methylcyclohexane	9.461	83	1003373	151.089	ug/l	97
39) 1,2-Dichloropropane	9.494	63	604103	153.005	ug/l	99
40) Dibromomethane	9.579	93	427560	140.510	ug/l	97
41) Bromodichloromethane	9.764	83	874489	146.207	ug/l	97
42) Vinyl Acetate	6.433	43	6991940	784.770	ug/l	100

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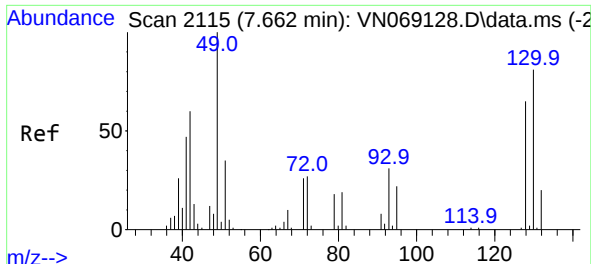
Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	762610	155.484	ug/l	99
44) Isopropyl Acetate	8.560	43	1358482	154.561	ug/l	98
45) 1,4-Dioxane	9.569	88	230304	3281.087	ug/l	96
46) Methyl methacrylate	9.561	41	650087	167.761	ug/l	92
47) n-amyl Acetate	12.387	43	1251824	168.931	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	1032313	156.681	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	1057815	156.993	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	613919	144.909	ug/l	98
51) Ethyl methacrylate	10.762	69	1044009	159.550	ug/l	92
52) 1,3-Dichloropropane	11.046	76	1031259	148.865	ug/l	99
53) Dibromochloromethane	11.240	129	689670	144.393	ug/l	100
54) 1,2-Dibromoethane	11.347	107	651879	147.119	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	1672301	897.270	ug/l	99
56) Bromoform	12.460	173	529350	153.615	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	4078990	747.287	ug/l	97
59) 2-Hexanone	11.087	43	3064286	766.297	ug/l	97
61) Tetrachloroethene	10.979	164	508396	136.674	ug/l	97
62) Toluene	10.507	91	2740736	142.751	ug/l	98
64) Chlorobenzene	11.773	112	1707078	145.148	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	639275	141.515	ug/l	100
66) Ethyl Benzene	11.846	91	3145613	145.091	ug/l	99
67) m/p-Xylenes	11.956	106	2385743	285.664	ug/l	97
68) o-Xylene	12.283	106	1205742	146.405	ug/l	97
69) Styrene	12.296	104	2075645	152.689	ug/l	97
70) Isopropylbenzene	12.581	105	3179045	145.931	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	918883	148.371	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	795862m	156.454	ug/l	
73) Bromobenzene	12.862	156	734418	148.505	ug/l	95
74) n-propylbenzene	12.921	91	3718260	149.253	ug/l	100
75) 2-Chlorotoluene	13.010	91	2245404	152.496	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	2646541	147.140	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	341941	173.455	ug/l	93
78) 4-Chlorotoluene	13.106	91	2259740	156.023	ug/l	95
79) tert-butylbenzene	13.326	119	2320823	146.756	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	2596884m	145.743	ug/l	
81) sec-Butylbenzene	13.503	105	3297151	146.461	ug/l	100
82) p-Isopropyltoluene	13.618	119	2730019	146.869	ug/l	100
83) 1,3-Dichlorobenzene	13.618	146	1303812	143.838	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	1270595	147.430	ug/l	97
85) n-Butylbenzene	13.943	91	2366420	155.287	ug/l	98
86) Hexachloroethane	14.211	117	530342	152.063	ug/l	92
87) 1,2-Dichlorobenzene	13.991	146	1215164	144.261	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.605	75	182430	166.052	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	661135	161.437	ug/l	98
90) Hexachlorobutadiene	15.372	225	314185	151.205	ug/l	99
91) Naphthalene	15.507	128	1915774	169.337	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	622389	160.021	ug/l	99

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



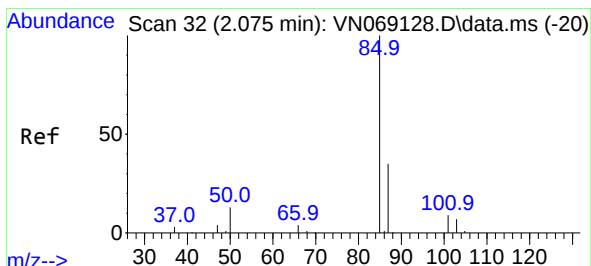
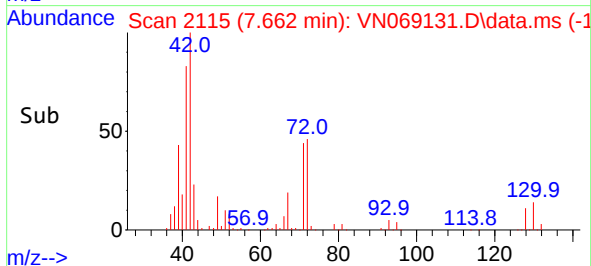
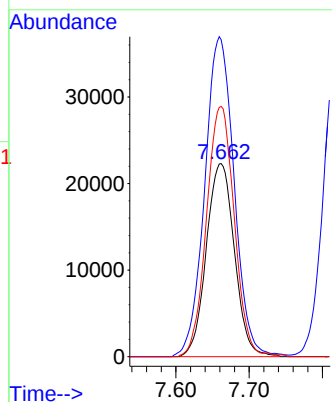
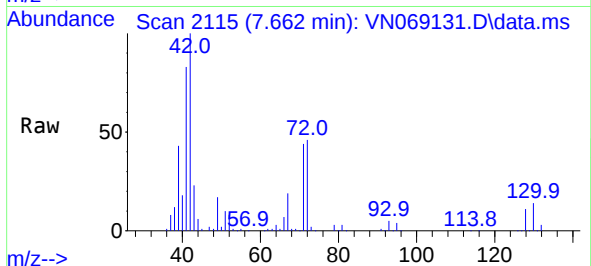
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 59510
Ion Ratio Lower Upper
128 100
49 172.5 0.0 392.3
130 127.4 0.0 320.2

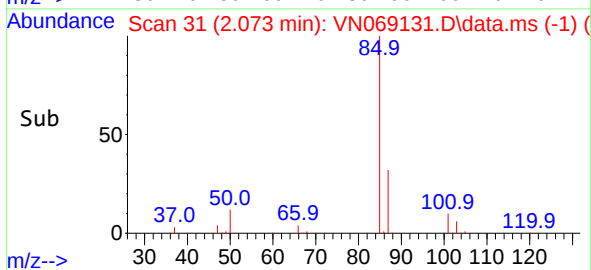
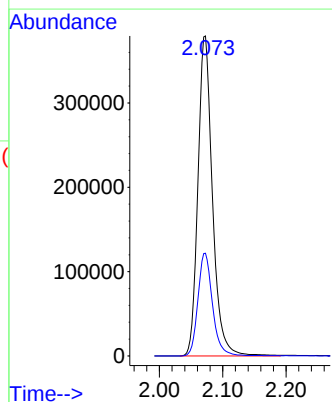
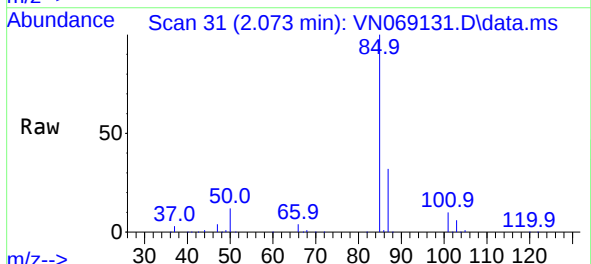
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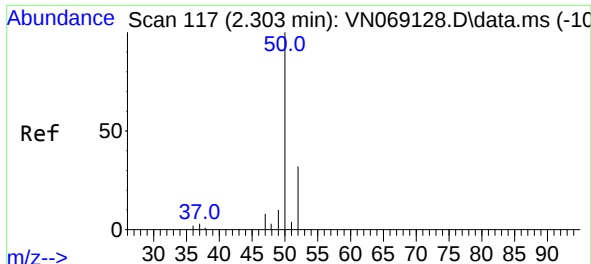
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#2
Dichlorodifluoromethane
Concen: 208.016 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Tgt Ion: 85 Resp: 604089
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





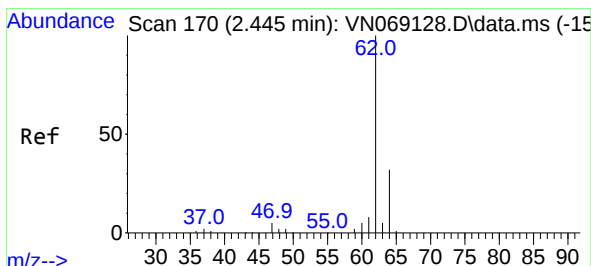
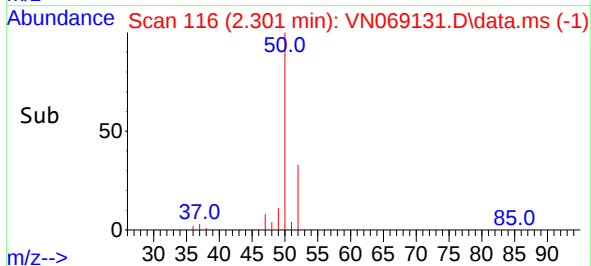
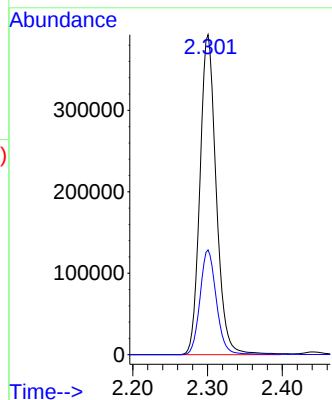
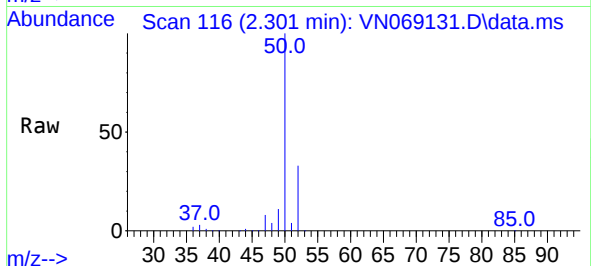
#3
Chloromethane
Concen: 169.664 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 595609
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.6

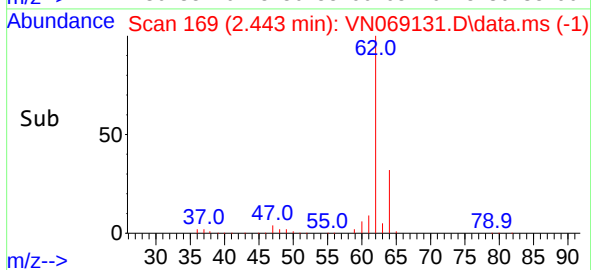
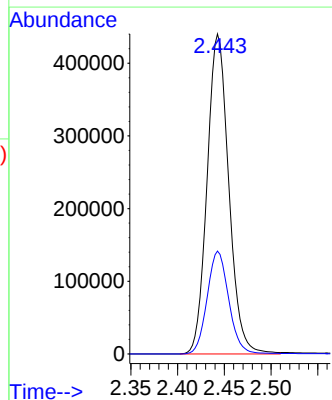
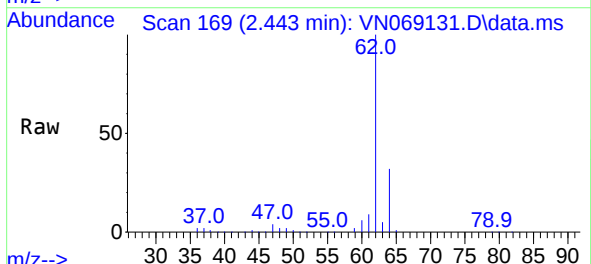
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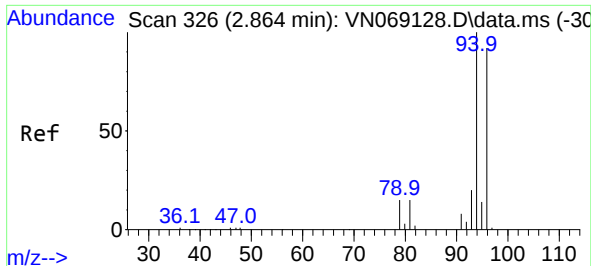
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#4
Vinyl Chloride
Concen: 114.137 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

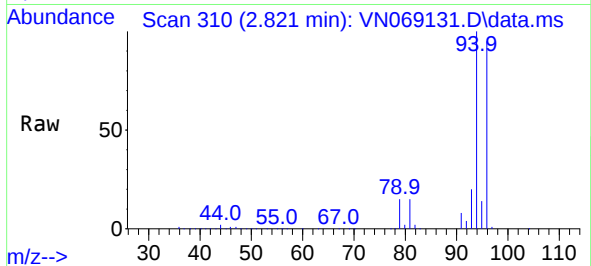
Tgt Ion: 62 Resp: 710429
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 74.411 ug/l
RT: 2.821 min Scan# 31
Delta R.T. -0.043 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

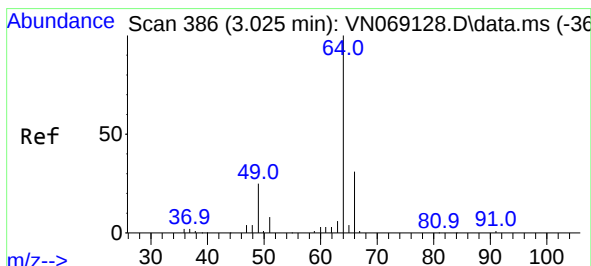
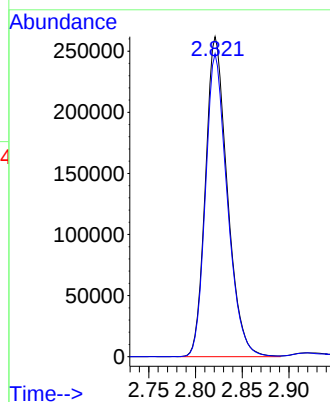
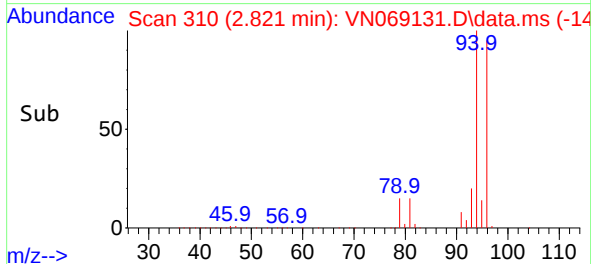
Instrument :
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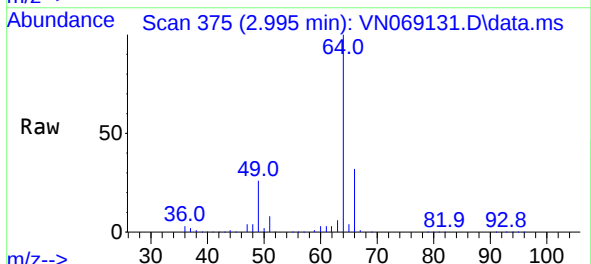
Tgt Ion: 94 Resp: 427085
Ion Ratio Lower Upper
94 100
96 94.6 75.2 112.8

Manual Integrations
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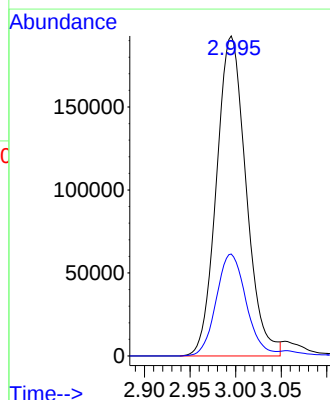
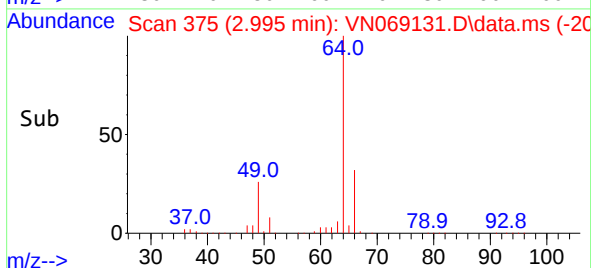
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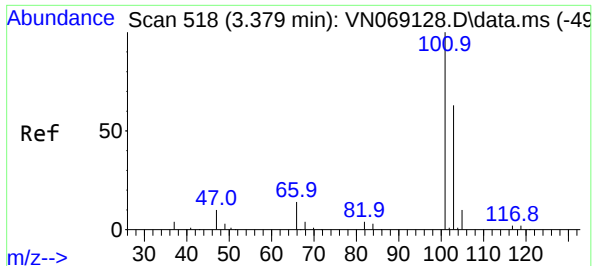


#6
Chloroethane
Concen: 88.040 ug/l
RT: 2.995 min Scan# 375
Delta R.T. -0.029 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 64 Resp: 435834
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





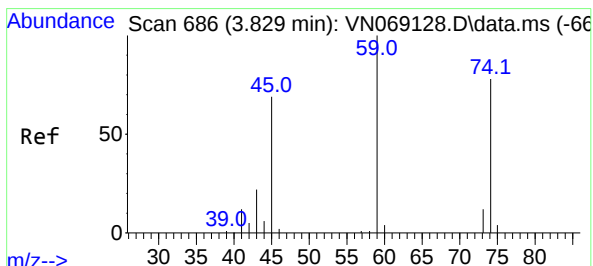
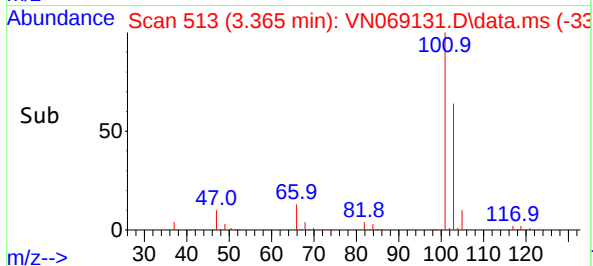
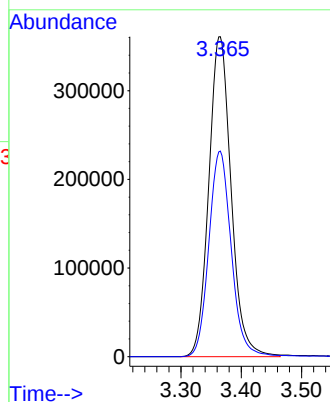
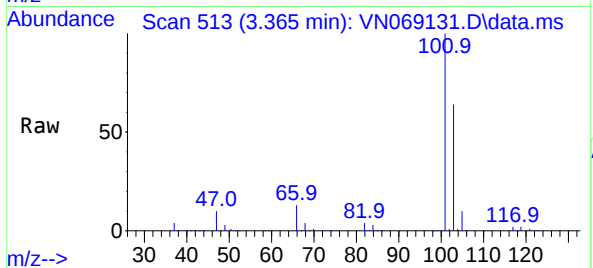
#7
Trichlorofluoromethane
Concen: 164.082 ug/l
RT: 3.365 min Scan# 518
Delta R.T. -0.013 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 92766
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

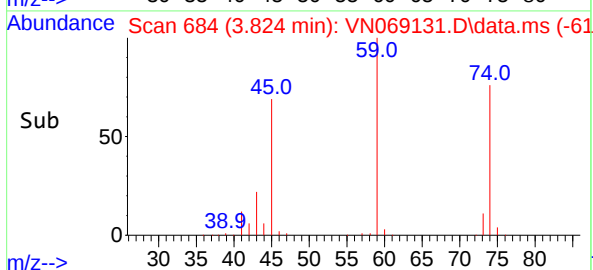
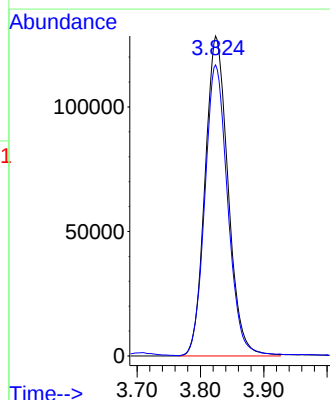
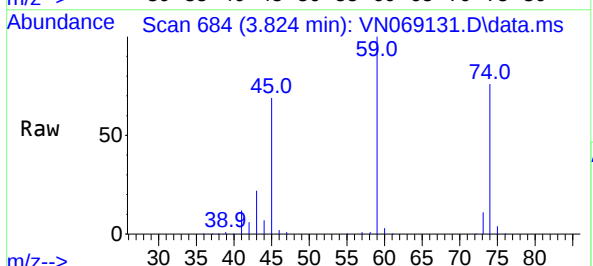
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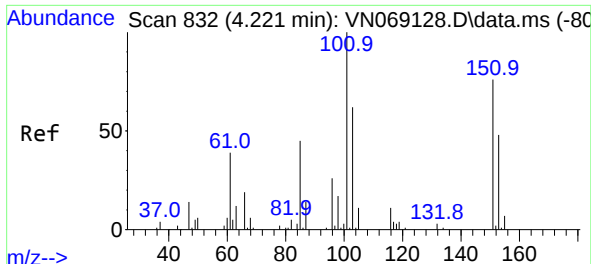
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#8
Diethyl Ether
Concen: 164.107 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Tgt Ion: 74 Resp: 324015
Ion Ratio Lower Upper
74 100
45 90.2 17.6 158.8





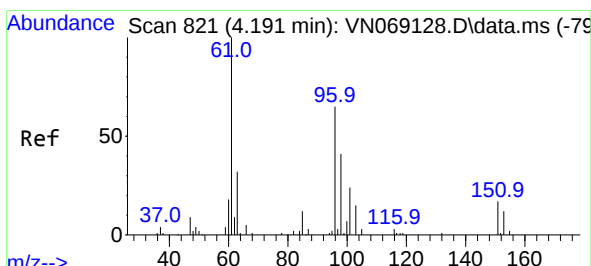
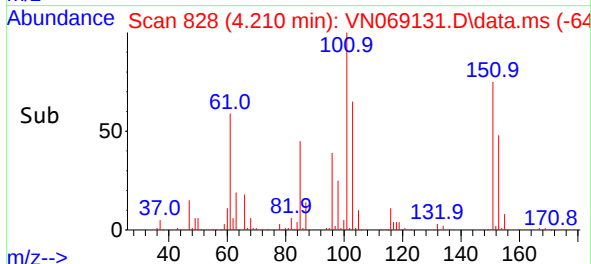
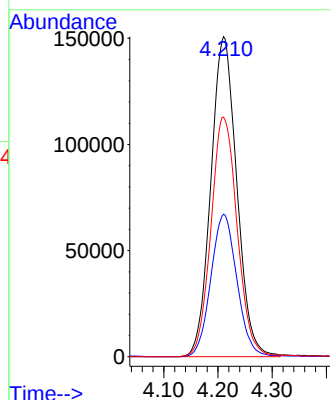
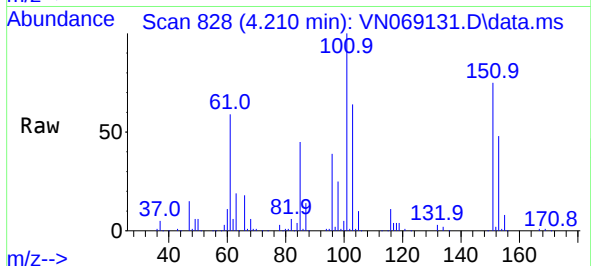
#9
1,1,2-Trichlorotrifluoroethane
Concen: 155.322 ug/l
RT: 4.210 min Scan# 81
Delta R.T. -0.011 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 50215
Ion Ratio Lower Upper
101 100
85 44.7 0.0 94.0
151 75.7 0.0 74.6

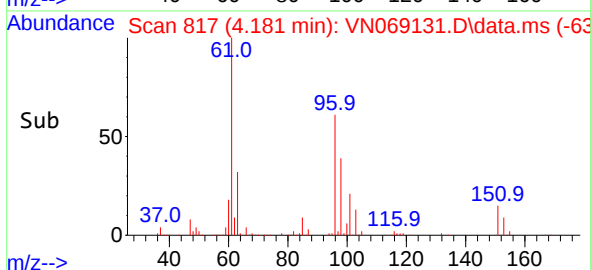
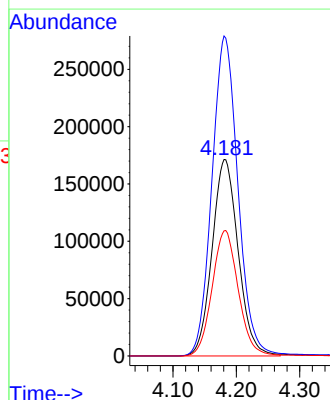
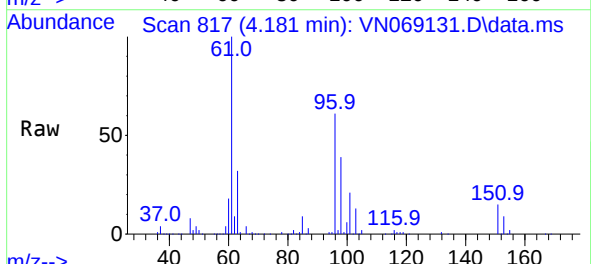
Manual Integrations
APPROVED

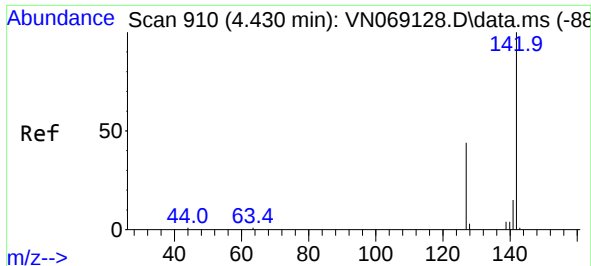
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#10
1,1-Dichloroethene
Concen: 162.700 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.011 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

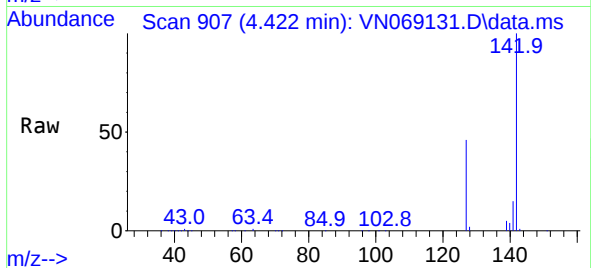
Tgt Ion: 96 Resp: 491365
Ion Ratio Lower Upper
96 100
61 162.8 126.2 189.4
98 63.7 50.9 76.3





#11
Methyl Iodide
Concen: 195.897 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.008 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

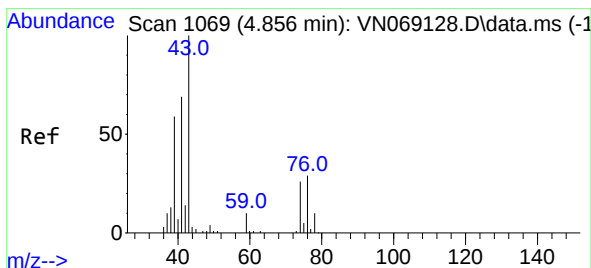
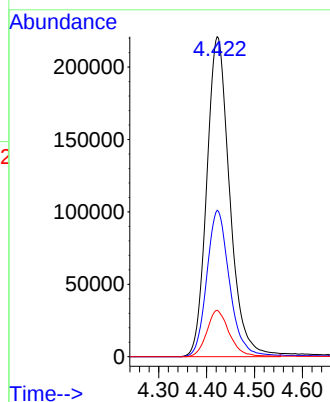
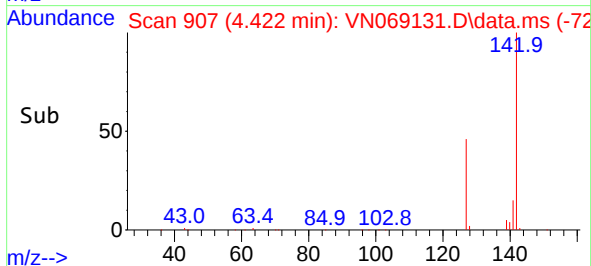
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



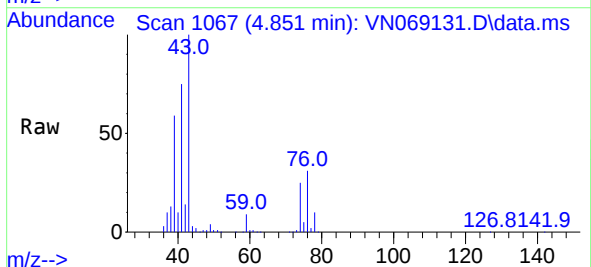
Tgt Ion:142 Resp: 736360
Ion Ratio Lower Upper
142 100
127 45.7 24.0 72.0
141 14.5 8.4 25.2

Manual Integrations
APPROVED

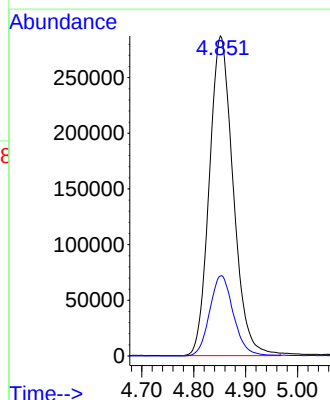
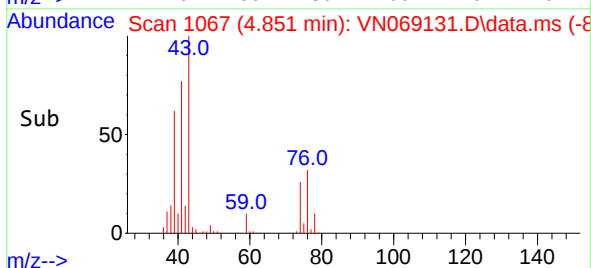
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

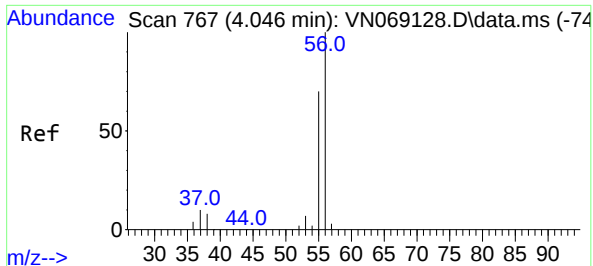


#12
Methyl Acetate
Concen: 172.154 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 43 Resp: 917029
Ion Ratio Lower Upper
43 100
74 25.0 20.8 31.2





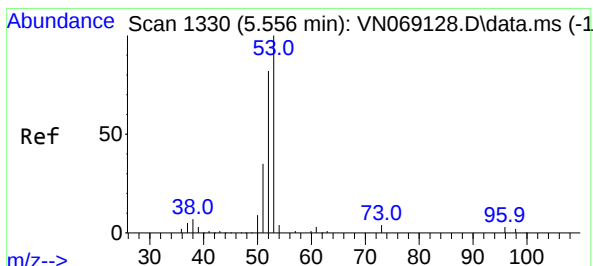
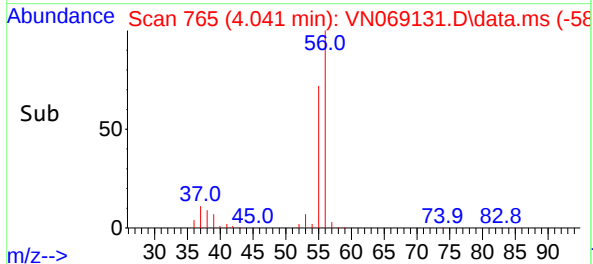
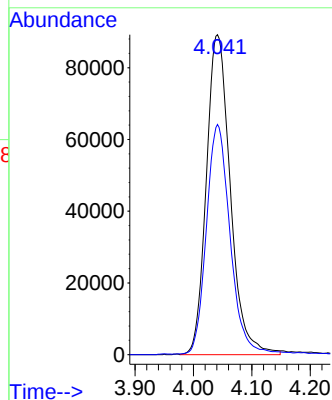
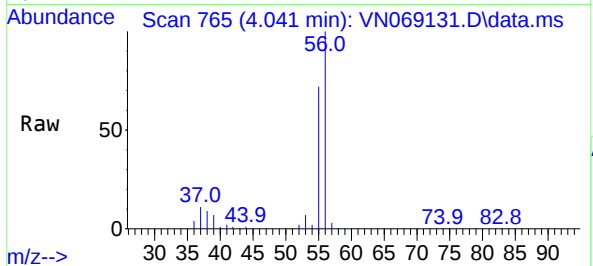
#13
Acrolein
Concen: 1036.560 ug/l
RT: 4.041 min Scan# 70
Delta R.T. -0.005 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 25460
Ion Ratio Lower Upper
56 100
55 70.0 57.6 86.4

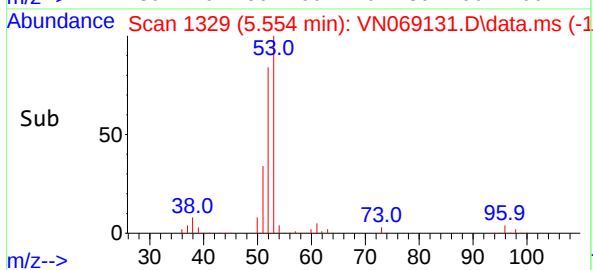
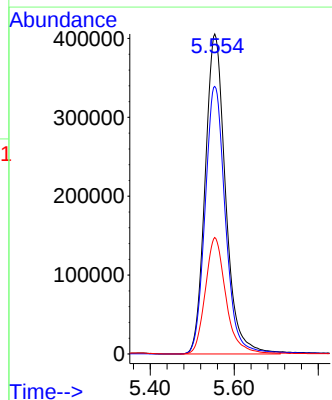
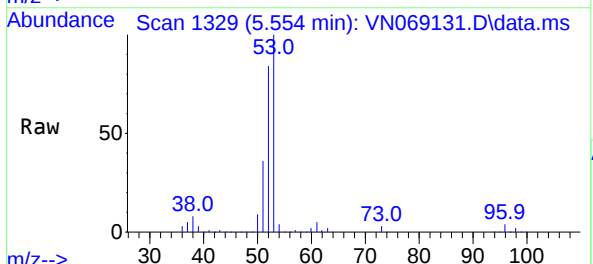
Manual Integrations
APPROVED

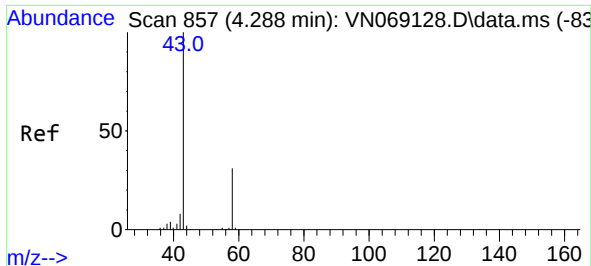
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#14
Acrylonitrile
Concen: 817.232 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

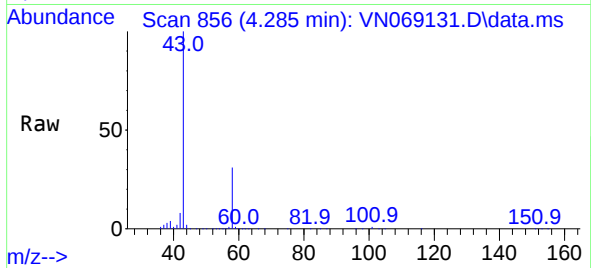
Tgt Ion: 53 Resp: 1366570
Ion Ratio Lower Upper
53 100
52 83.0 41.8 125.4
51 36.8 19.0 57.0





#15
Acetone
Concen: 782.360 ug/l
RT: 4.285 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

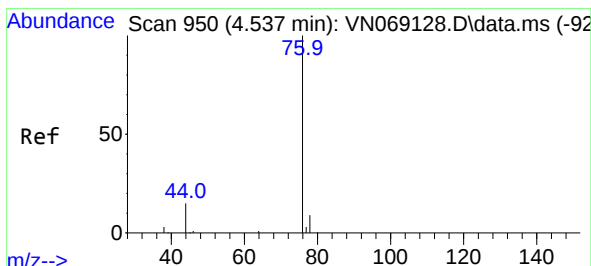
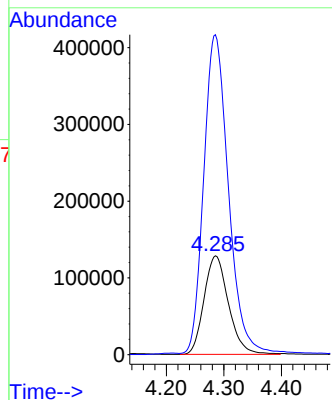
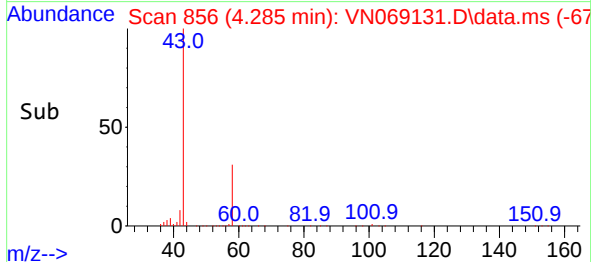
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



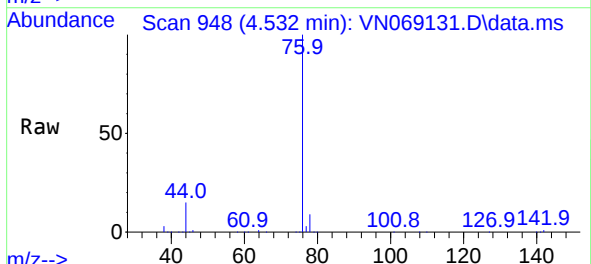
Tgt Ion: 58 Resp: 37955
Ion Ratio Lower Upper
58 100
43 323.3 256.6 384.8

Manual Integrations
APPROVED

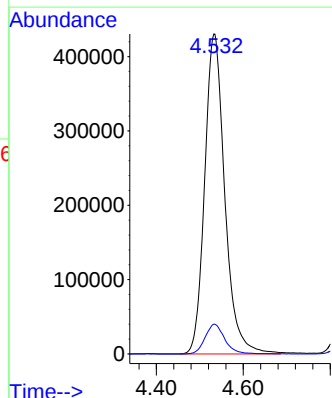
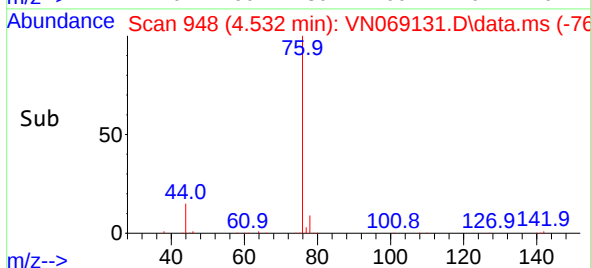
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

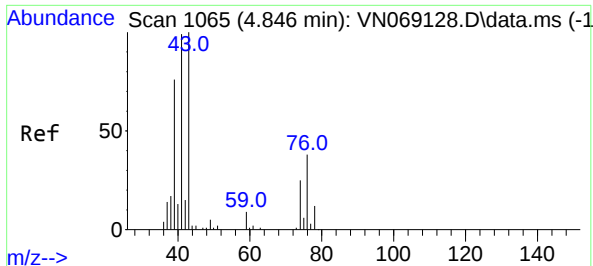


#16
Carbon Disulfide
Concen: 170.734 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.005 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



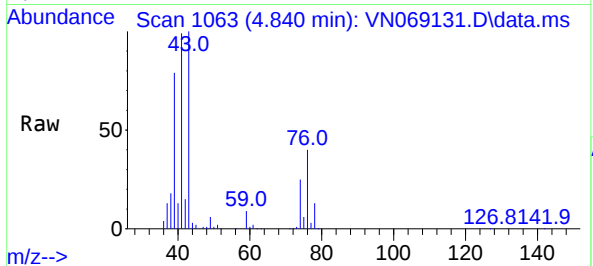
Tgt Ion: 76 Resp: 1382894
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8





#17
Allyl chloride
Concen: 176.061 ug/l
RT: 4.840 min Scan# 1065
Delta R.T. -0.005 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

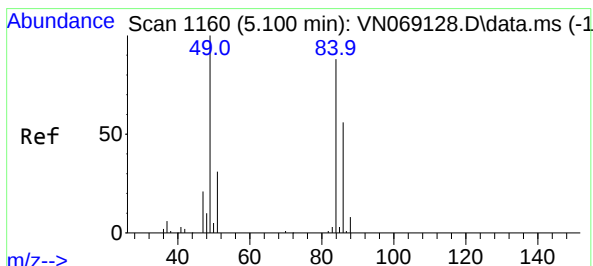
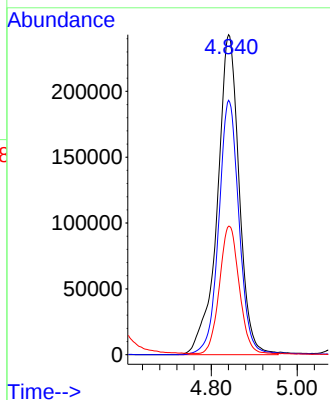
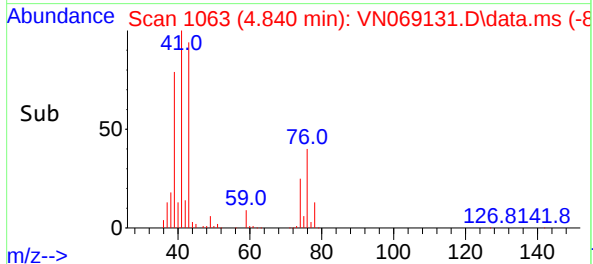
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 85838
Ion Ratio Lower Upper
41 100
39 79.5 44.6 134.0
76 39.8 19.6 58.7

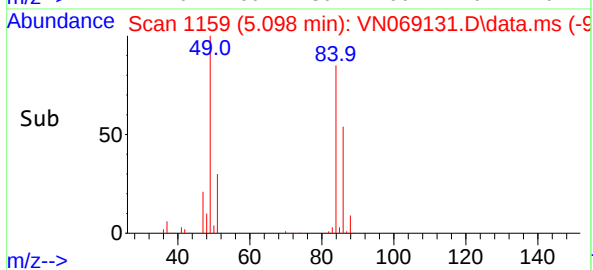
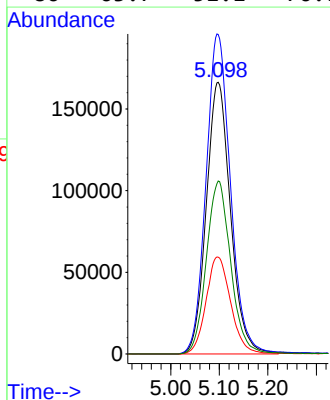
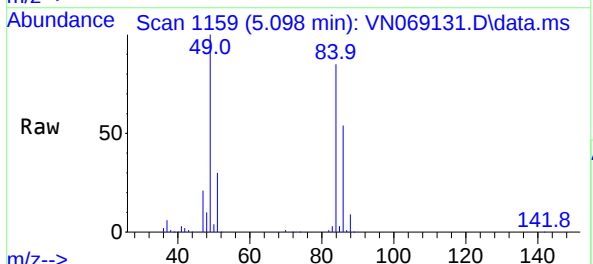
Manual Integrations
APPROVED

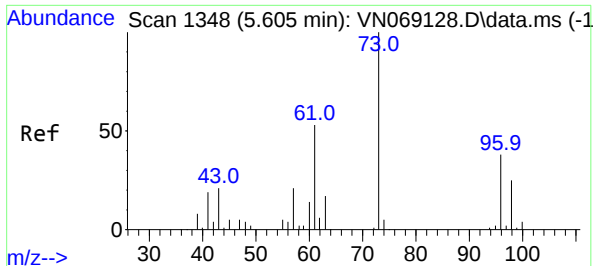
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#18
Methylene Chloride
Concen: 153.925 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

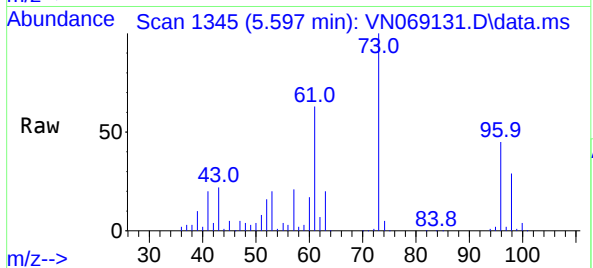
Tgt Ion: 84 Resp: 576991
Ion Ratio Lower Upper
84 100
49 117.7 91.4 137.0
51 35.7 29.4 44.0
86 63.7 51.1 76.7





trans-1,2-Dichloroethene
Concen: 154.157 ug/l
RT: 5.597 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

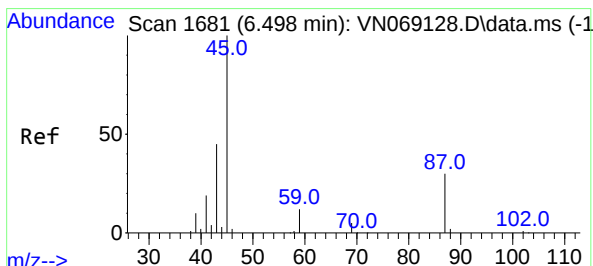
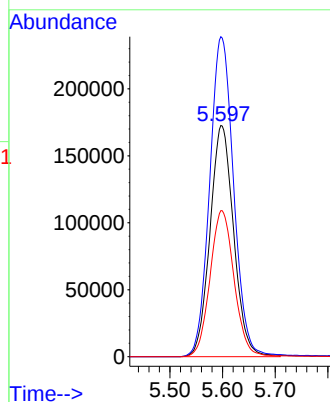
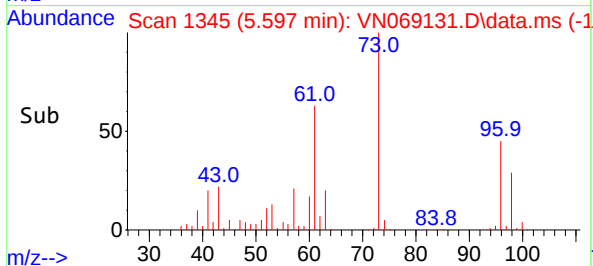
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



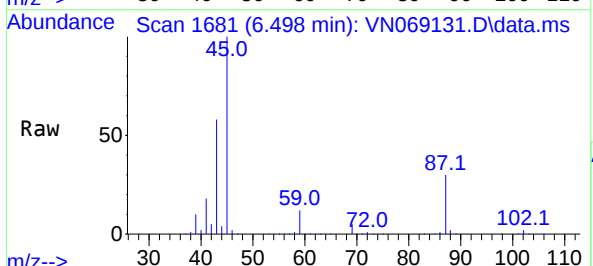
Tgt Ion: 96 Resp: 53992
Ion Ratio Lower Upper
96 100
61 138.4 102.8 154.2
98 63.2 49.3 73.9

Manual Integrations
APPROVED

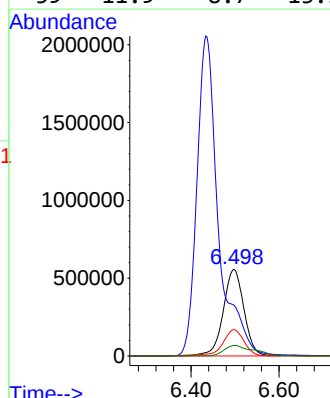
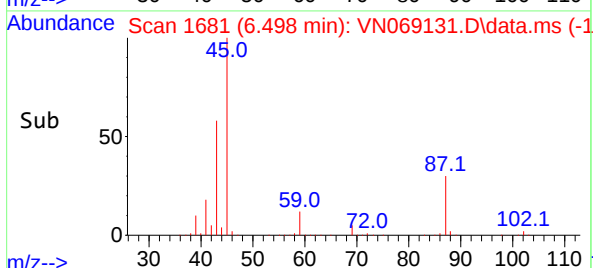
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

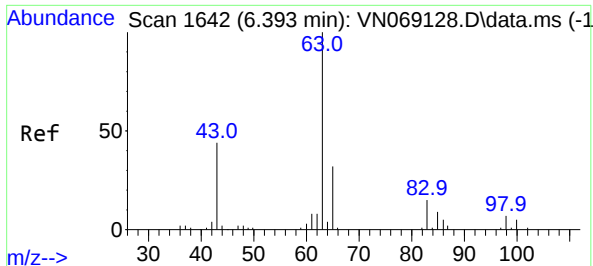


Diisopropyl ether
Concen: 163.475 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



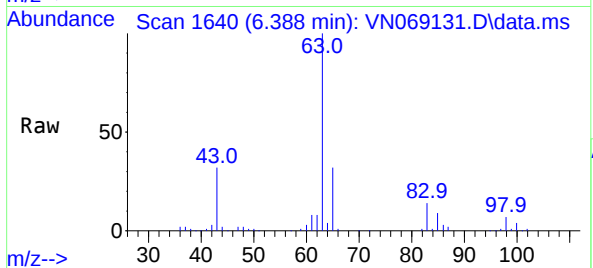
Tgt Ion: 45 Resp: 1821167
Ion Ratio Lower Upper
45 100
43 57.0 51.0 76.4
87 30.3 25.0 37.4
59 11.9 8.7 13.1





#21
1,1-Dichloroethane
Concen: 157.698 ug/l
RT: 6.388 min Scan# 1013960
Delta R.T. -0.005 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

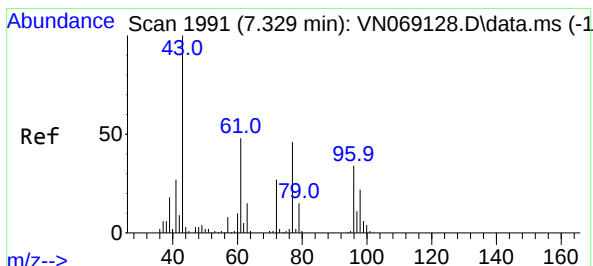
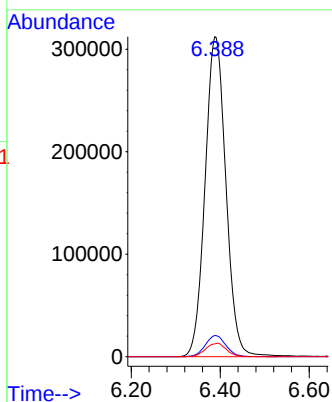
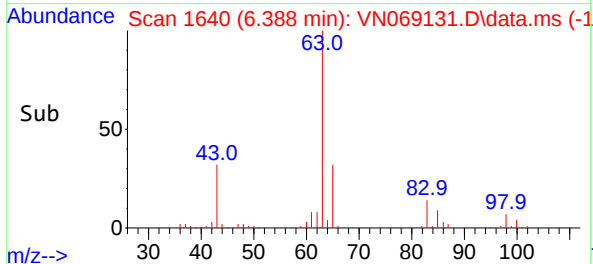
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



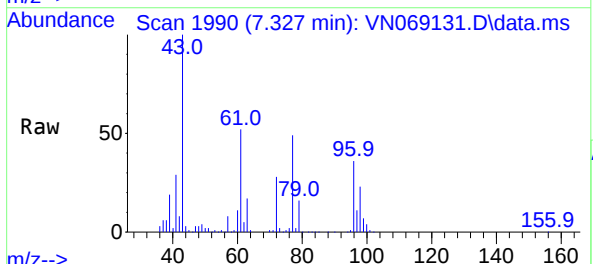
Tgt Ion: 63 Resp: 1013960
Ion Ratio Lower Upper
63 100
98 6.6 3.2 9.6
100 4.0 2.1 6.2

Manual Integrations
APPROVED

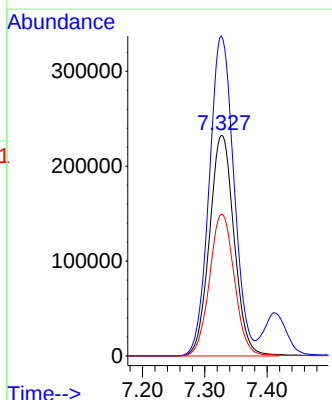
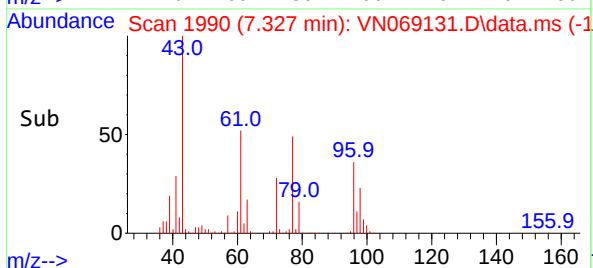
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

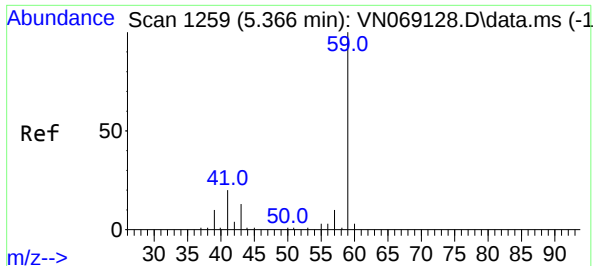


#22
cis-1,2-Dichloroethene
Concen: 149.499 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 96 Resp: 639794
Ion Ratio Lower Upper
96 100
61 145.2 115.7 173.5
98 64.6 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 877.124 ug/l

RT: 5.369 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VN069131.D

Acq: 22 Oct 2021 12:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 55341

Ion Ratio Lower Upper

59 100

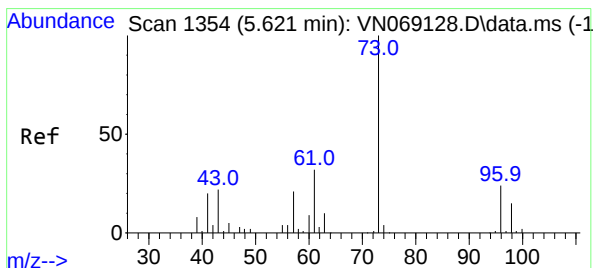
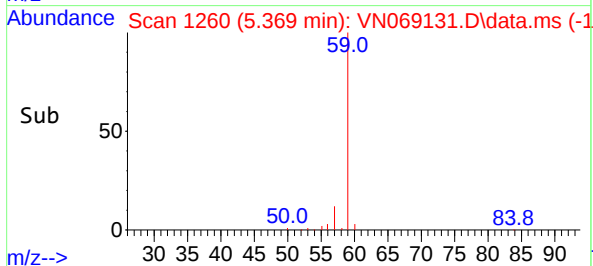
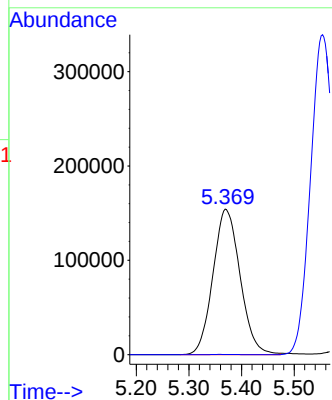
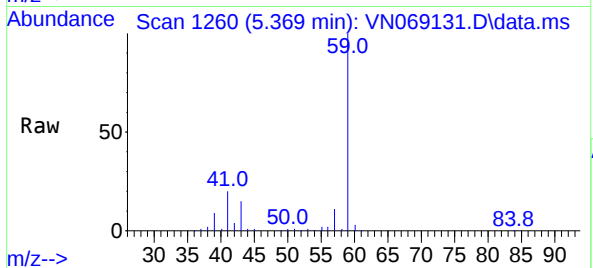
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#24

Methyl tert-Butyl Ether

Concen: 159.055 ug/l

RT: 5.615 min Scan# 1352

Delta R.T. -0.005 min

Lab File: VN069131.D

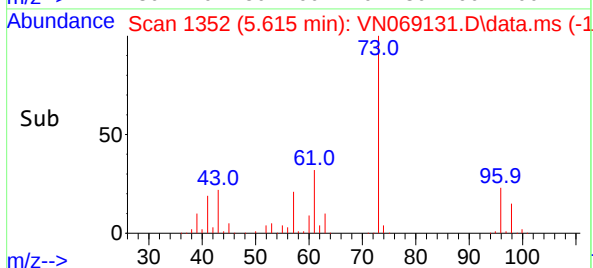
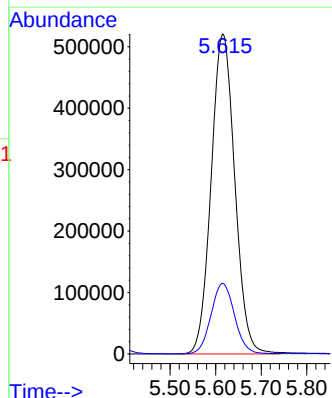
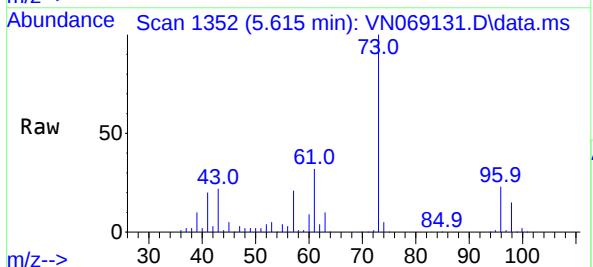
Acq: 22 Oct 2021 12:52

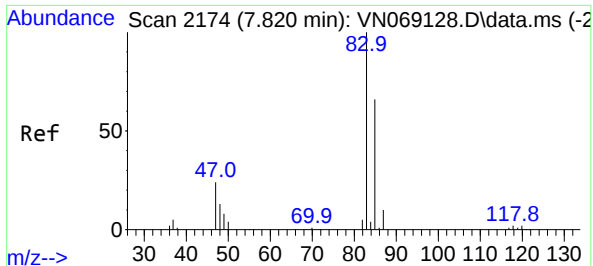
Tgt Ion: 73 Resp: 1876949

Ion Ratio Lower Upper

73 100

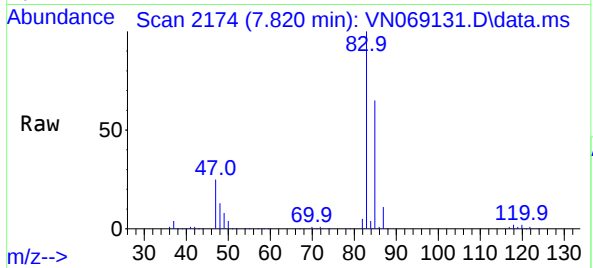
43 21.8 18.1 27.1





#25
Chloroform
Concen: 145.906 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

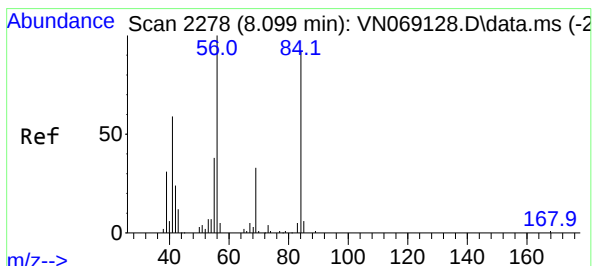
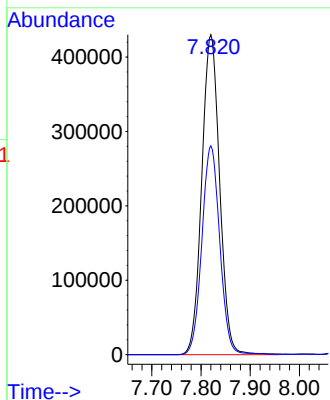
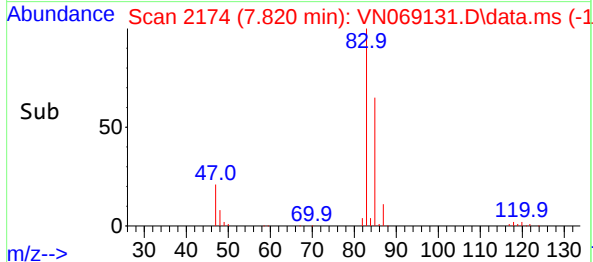
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



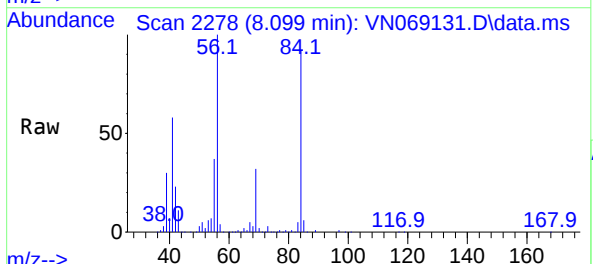
Tgt Ion: 83 Resp: 108572
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

Manual Integrations
APPROVED

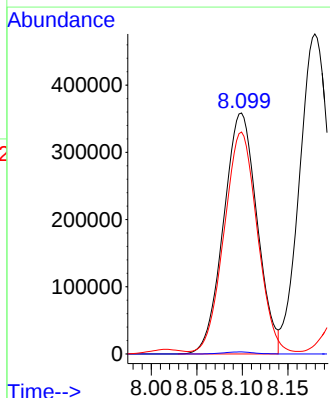
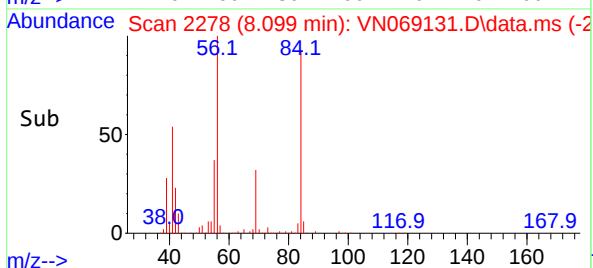
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

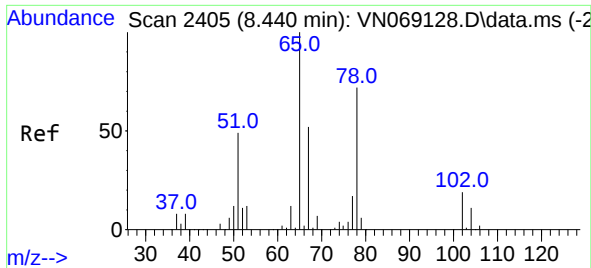


#26
Cyclohexane
Concen: 161.723 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 56 Resp: 918868
Ion Ratio Lower Upper
56 100
89 0.8 0.1 0.1#
84 91.7 74.6 111.8





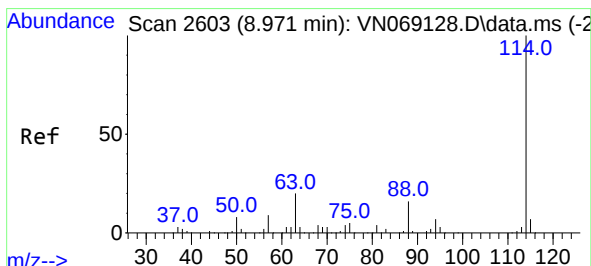
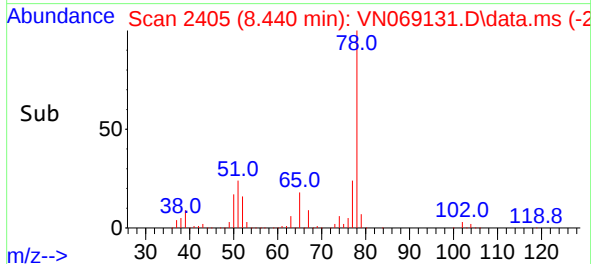
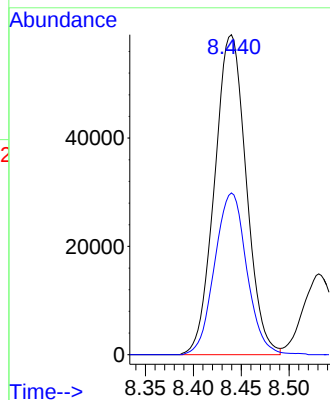
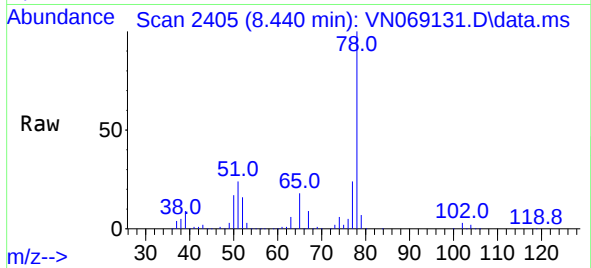
#27
1,2-Dichloroethane-d4
Concen: 29.896 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 135788
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2

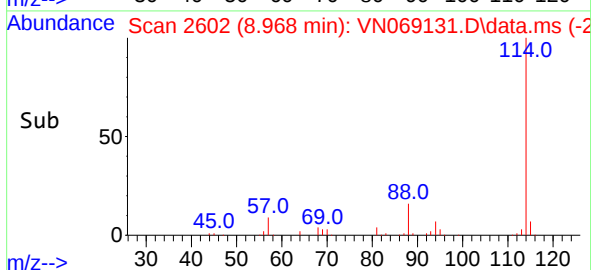
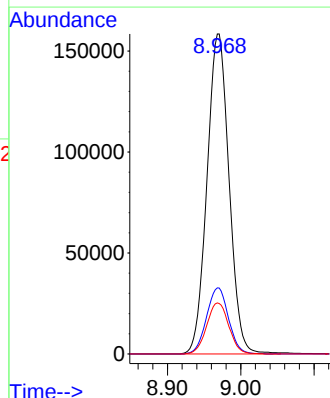
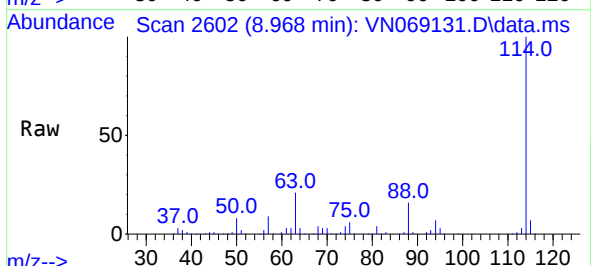
Manual Integrations
APPROVED

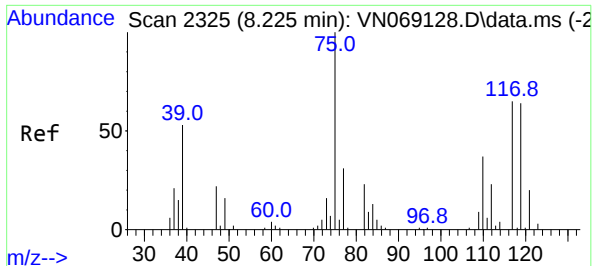
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Tgt Ion:114 Resp: 331896
Ion Ratio Lower Upper
114 100
63 20.5 15.8 23.6
88 16.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 149.867 ug/l
RT: 8.225 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :

MSVOA_N

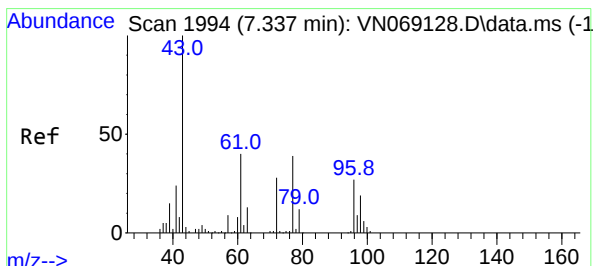
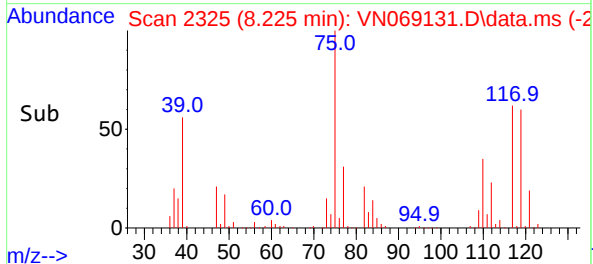
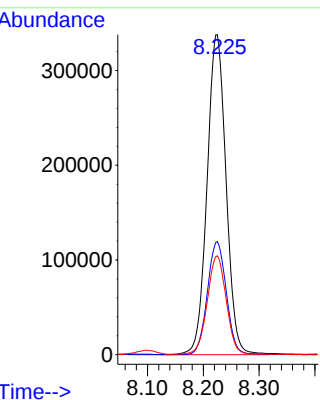
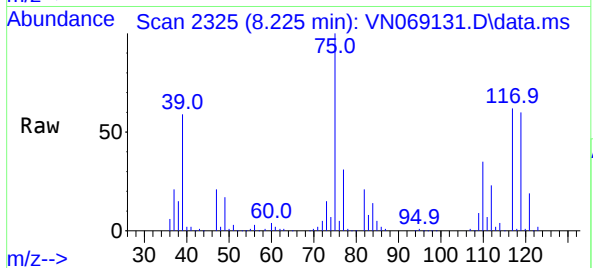
ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 79995
Ion Ratio Lower Upper
75 100
110 35.2 0.0 74.2
77 30.7 0.0 63.2

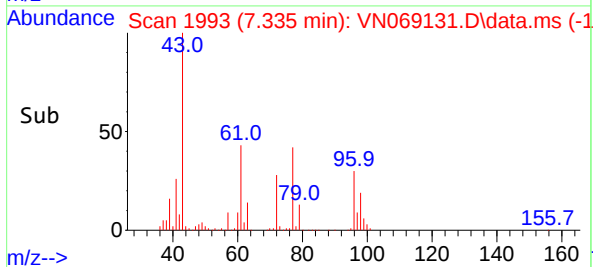
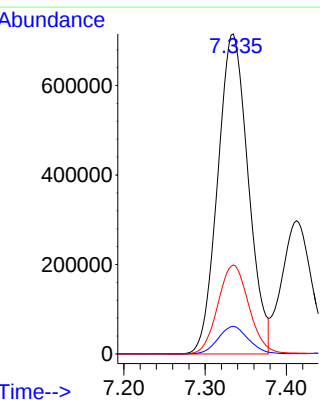
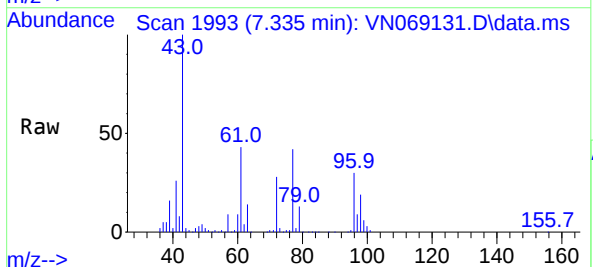
Manual Integrations
APPROVED

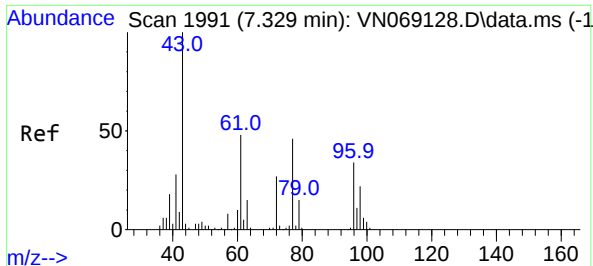
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#30
2-Butanone
Concen: 765.082 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Tgt Ion: 43 Resp: 1866557
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 28.5 23.2 34.8





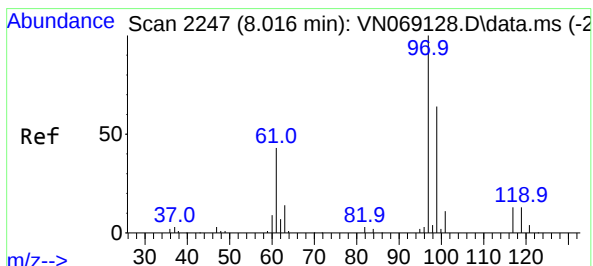
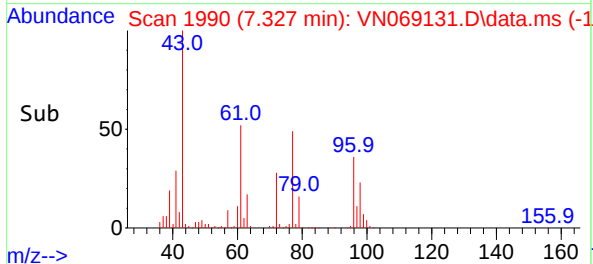
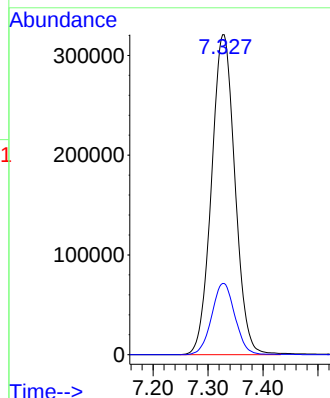
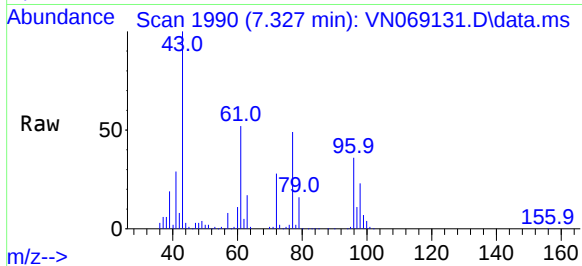
#31
2,2-Dichloropropane
Concen: 153.841 ug/l
RT: 7.327 min Scan# 1991
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 77 Resp: 95133
Ion Ratio Lower Upper
77 100
97 22.1 18.3 27.5

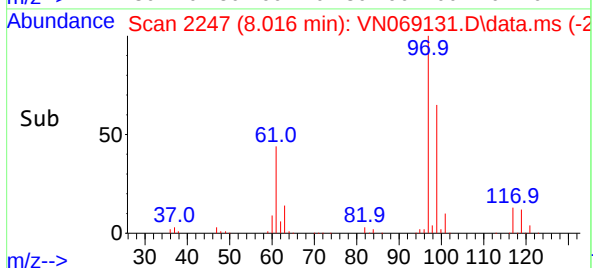
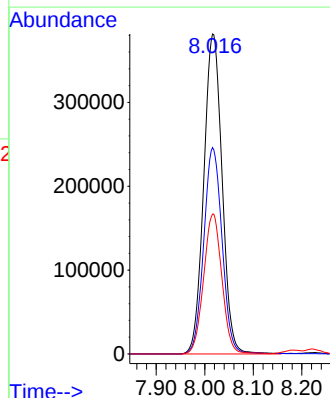
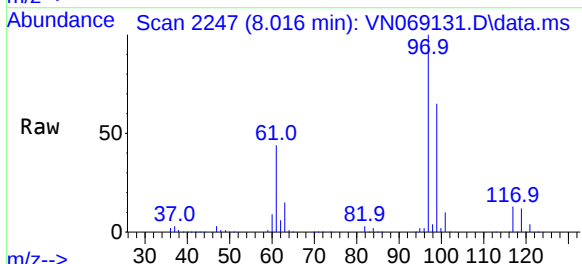
Manual Integrations
APPROVED

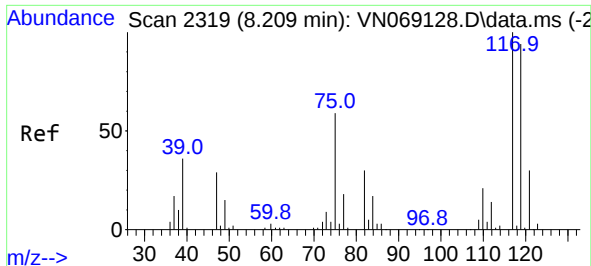
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#32
1,1,1-Trichloroethane
Concen: 147.867 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

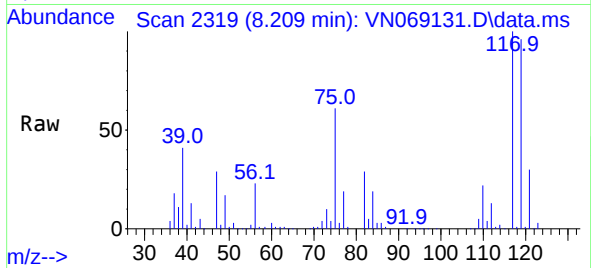
Tgt Ion: 97 Resp: 1001683
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 43.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 143.923 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

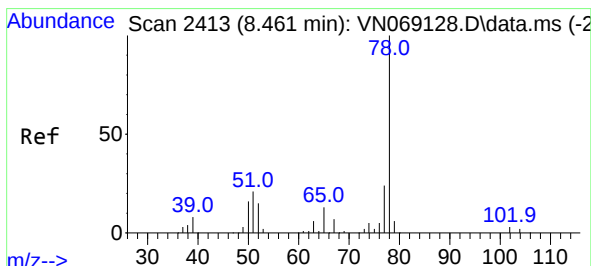
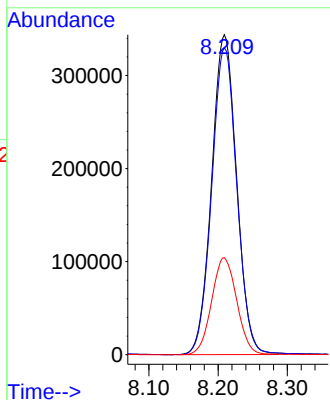
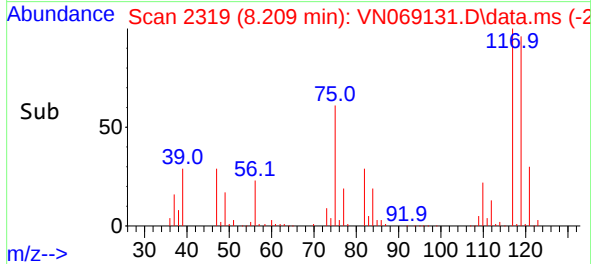
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



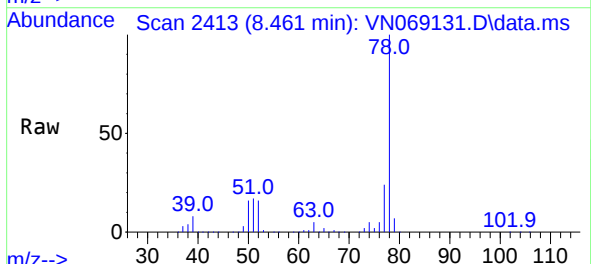
Tgt Ion: 117 Resp: 861339
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3
121 30.3 23.5 35.3

Manual Integrations
APPROVED

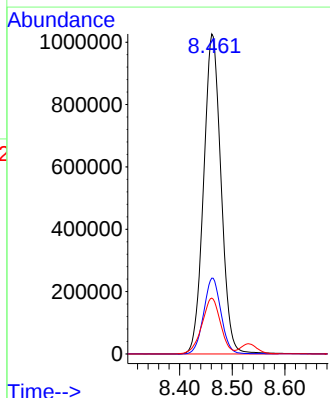
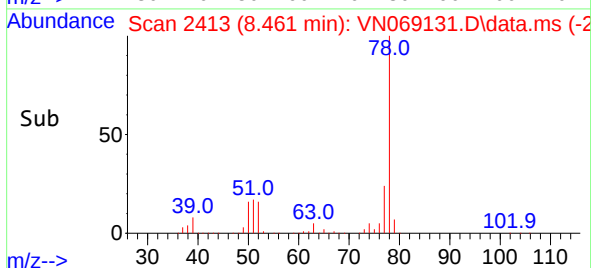
Reviewed By : John Carlone 10/25/2021
Supervised By : Mahesh Dadoda 10/25/2021

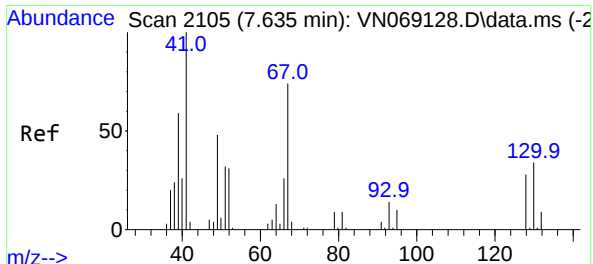


#34
Benzene
Concen: 148.767 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



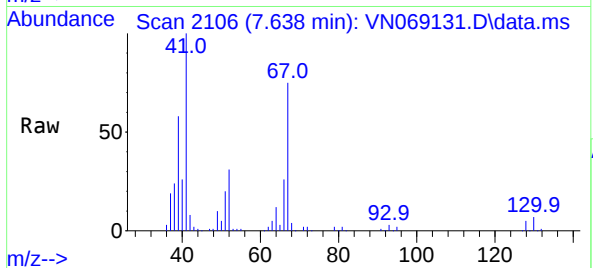
Tgt Ion: 78 Resp: 2355586
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 17.4 16.0 24.0





#35
Methacrylonitrile
Concen: 166.727 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

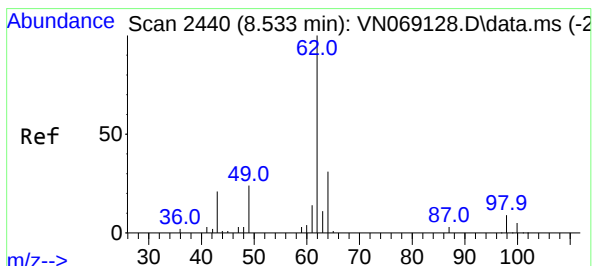
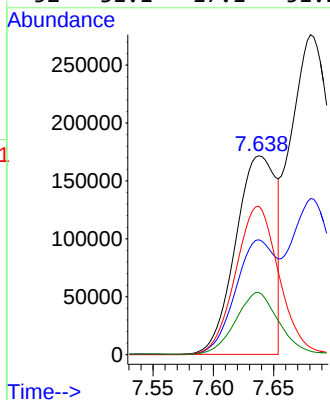
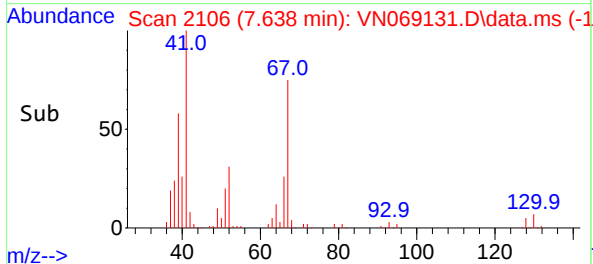
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



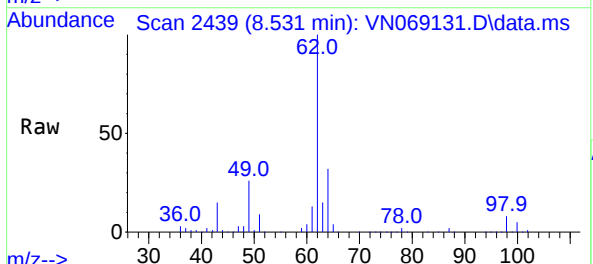
Tgt Ion: 41 Resp: 398134
Ion Ratio Lower Upper
41 100
39 57.7 28.0 83.9
67 74.8 37.7 113.1
52 31.1 17.1 51.2

Manual Integrations
APPROVED

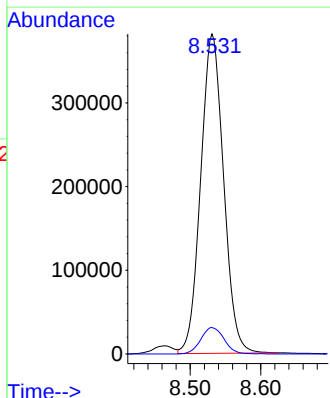
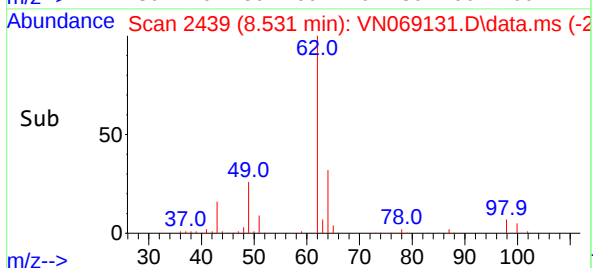
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

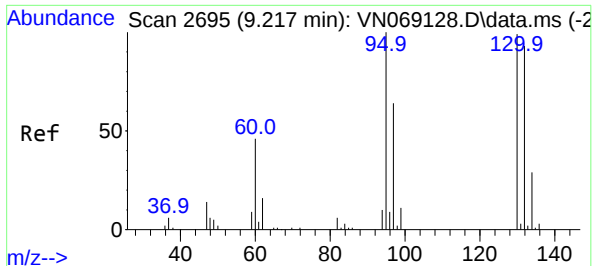


#36
1,2-Dichloroethane
Concen: 147.286 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 62 Resp: 861554
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0





#37
Trichloroethene
Concen: 146.163 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :

MSVOA_N

ClientSampleId :

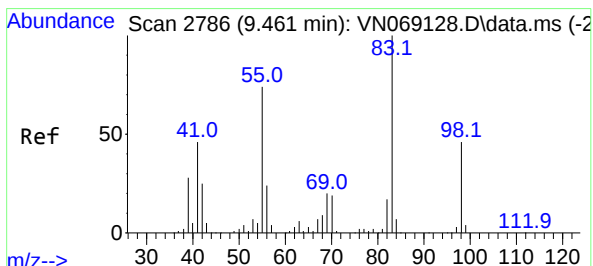
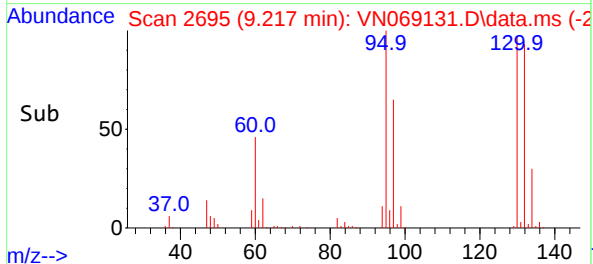
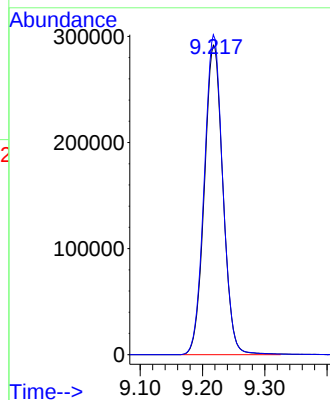
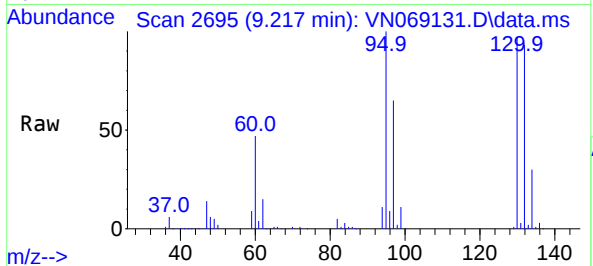
VSTDICC150

Tgt Ion:130 Resp: 60501
Ion Ratio Lower Upper
130 100
95 103.4 76.6 115.0

Manual Integrations

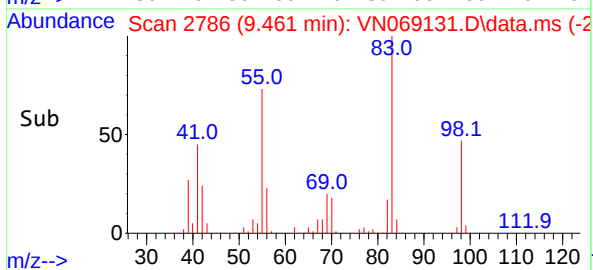
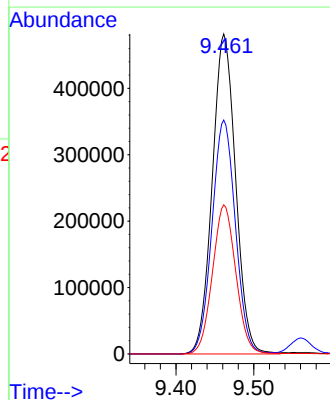
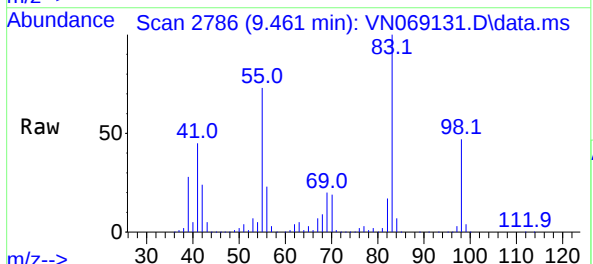
APPROVED

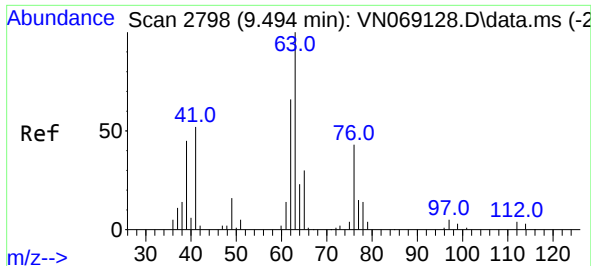
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#38
Methylcyclohexane
Concen: 151.089 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Tgt Ion: 83 Resp: 1003373
Ion Ratio Lower Upper
83 100
55 73.6 35.1 105.3
98 46.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 153.005 ug/l

RT: 9.494 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VN069131.D

Acq: 22 Oct 2021 12:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 60410

Ion Ratio Lower Upper

63 100

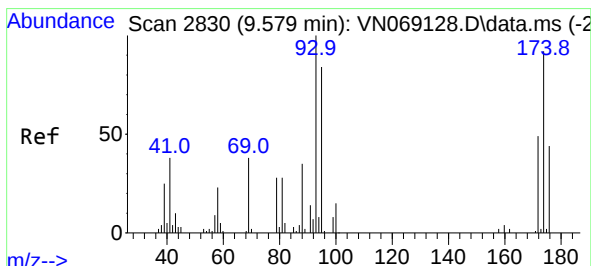
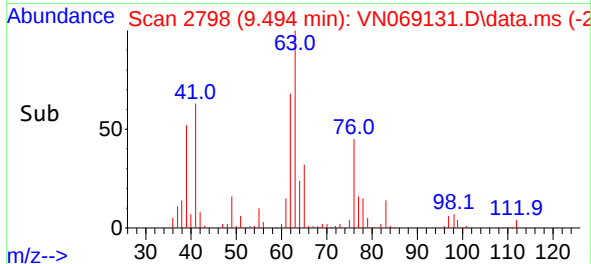
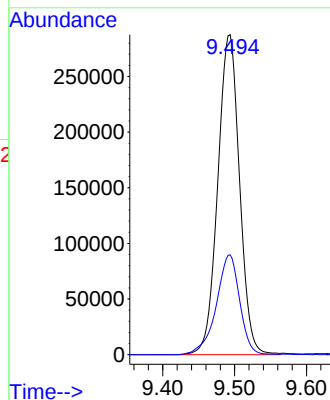
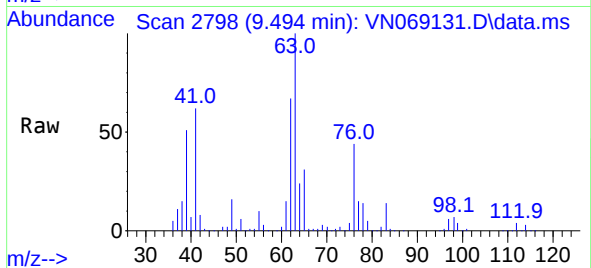
65 31.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#40

Dibromomethane

Concen: 140.510 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN069131.D

Acq: 22 Oct 2021 12:52

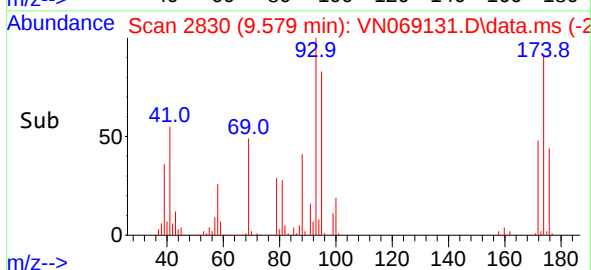
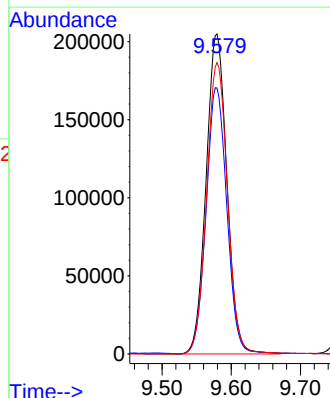
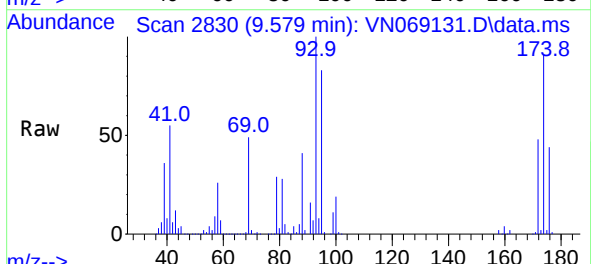
Tgt Ion: 93 Resp: 427560

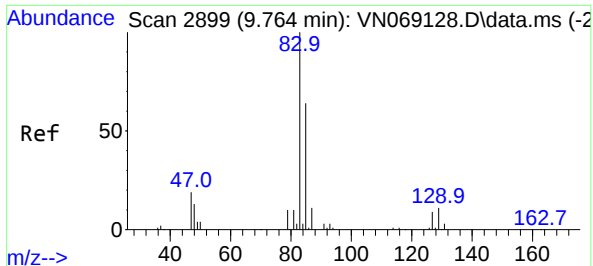
Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.8

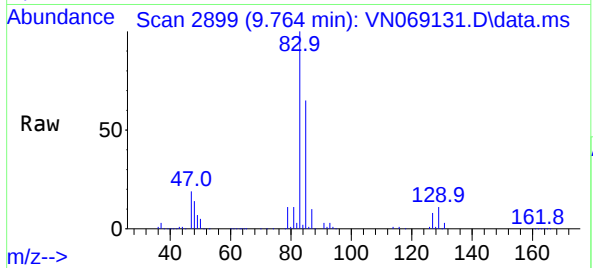
174 91.7 0.0 173.6





#41
Bromodichloromethane
Concen: 146.207 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

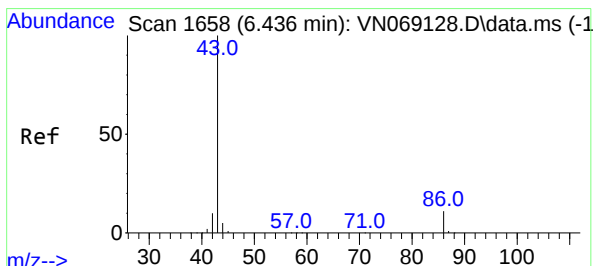
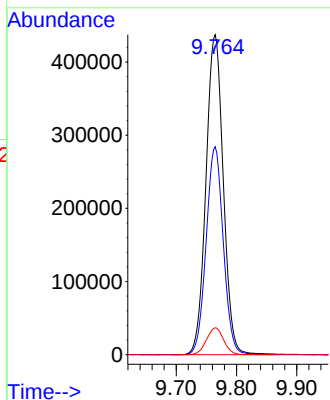
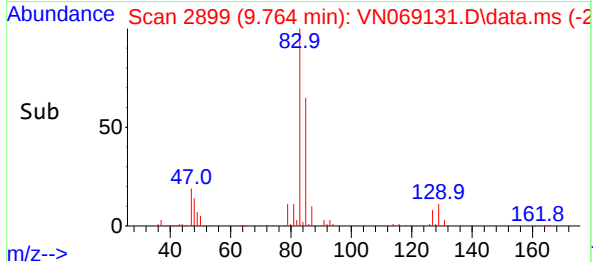
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



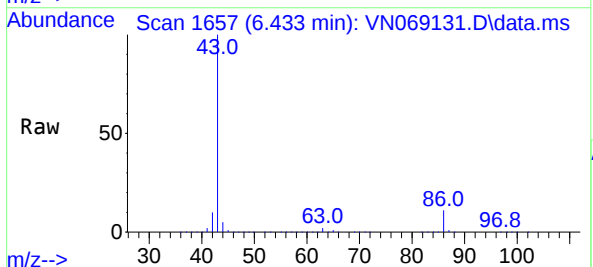
Tgt Ion: 83 Resp: 874489
Ion Ratio Lower Upper
83 100
85 65.0 54.1 81.1
127 8.4 7.6 11.4

Manual Integrations
APPROVED

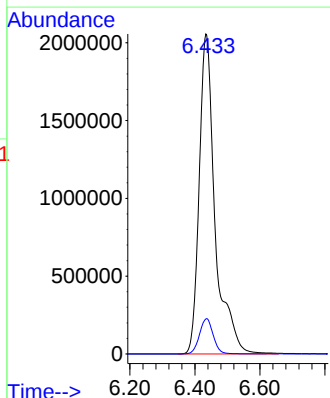
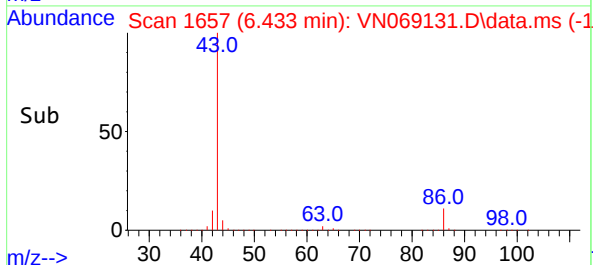
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

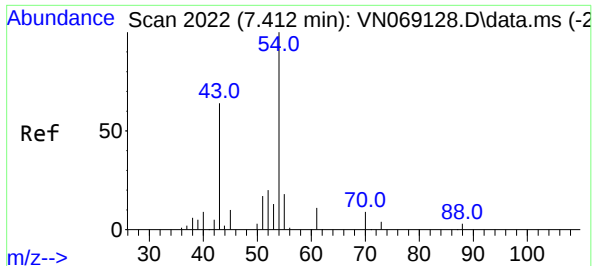


#42
Vinyl Acetate
Concen: 784.770 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 43 Resp: 6991940
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





#43

Ethyl Acetate

Concen: 155.484 ug/l

RT: 7.412 min Scan# 2022

Delta R.T. 0.000 min

Lab File: VN069131.D

Acq: 22 Oct 2021 12:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 762610

Ion Ratio Lower Upper

43 100

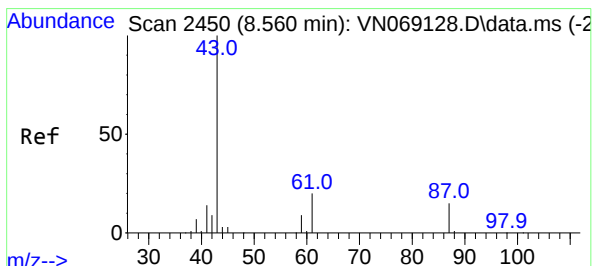
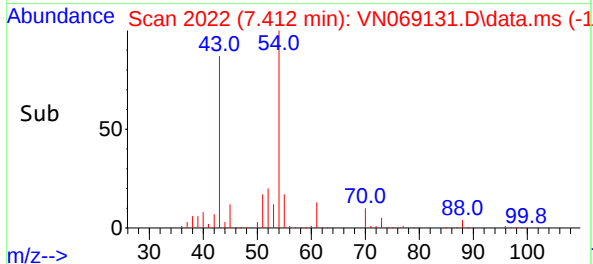
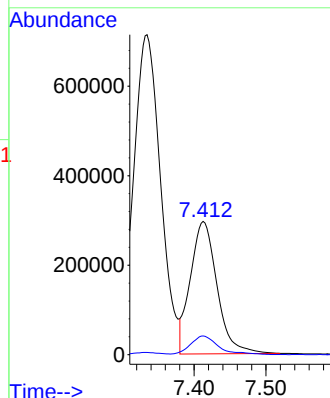
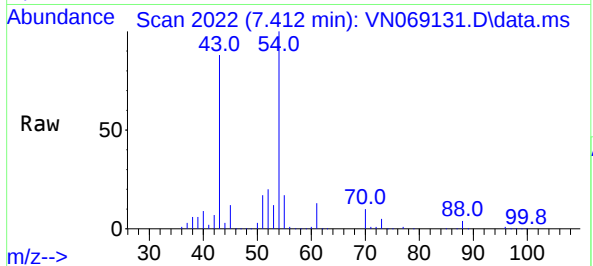
45 12.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#44

Isopropyl Acetate

Concen: 154.561 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN069131.D

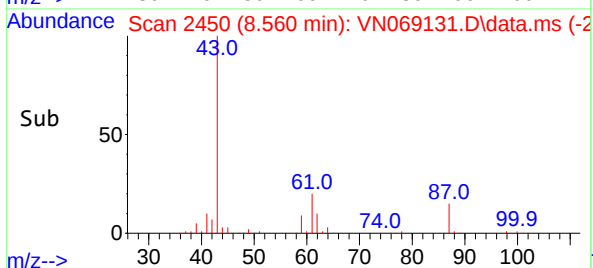
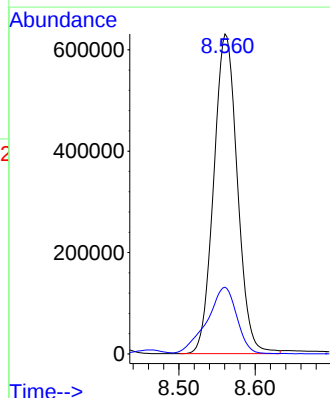
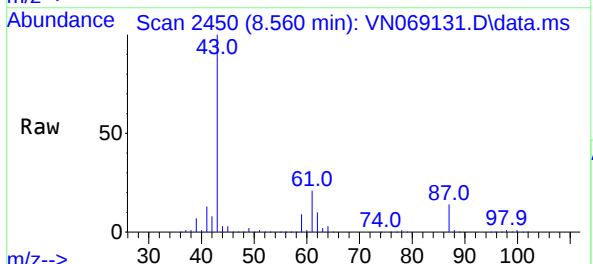
Acq: 22 Oct 2021 12:52

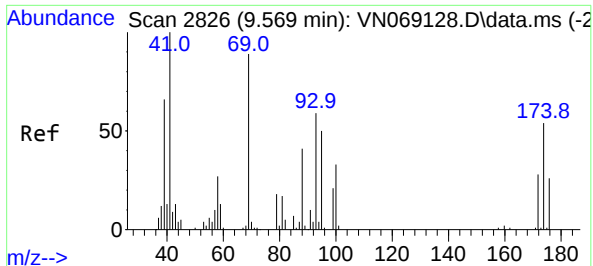
Tgt Ion: 43 Resp: 1358482

Ion Ratio Lower Upper

43 100

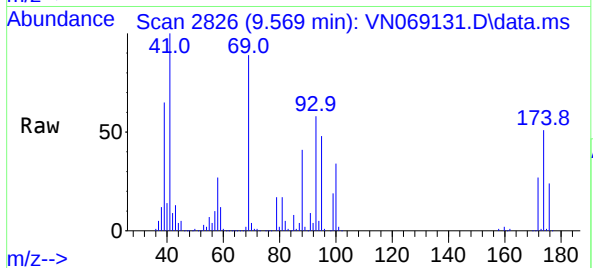
61 26.4 20.1 30.1





#45
1,4-Dioxane
Concen: 3281.087 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

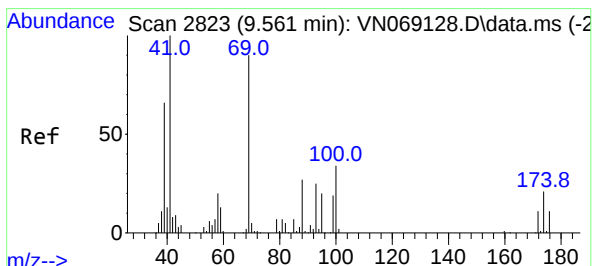
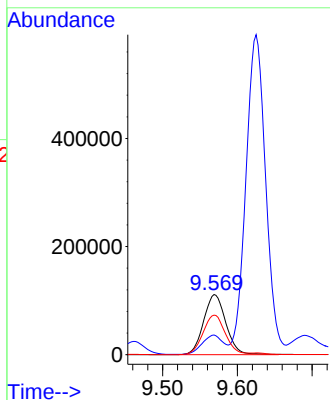
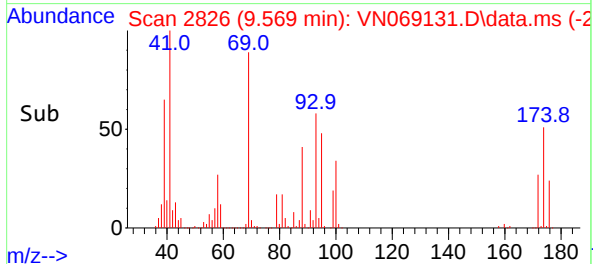
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



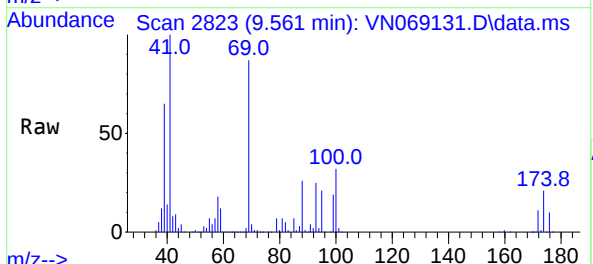
Tgt Ion: 88 Resp: 230304
Ion Ratio Lower Upper
88 100
43 30.3 25.0 37.6
58 65.9 49.4 74.2

Manual Integrations
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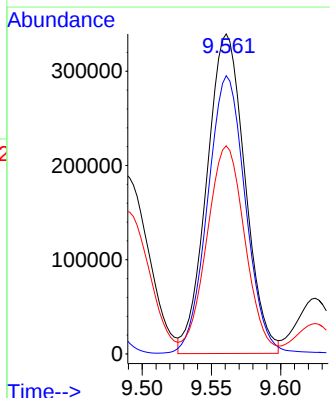
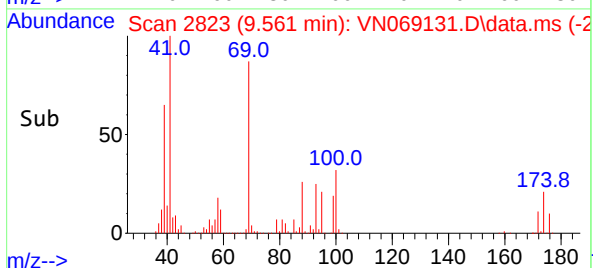
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

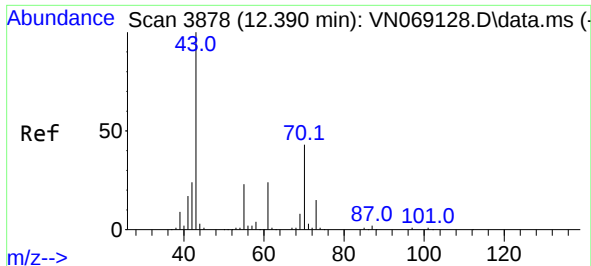


#46
Methyl methacrylate
Concen: 167.761 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 41 Resp: 650087
Ion Ratio Lower Upper
41 100
69 88.9 44.4 133.2
39 65.3 39.9 119.6





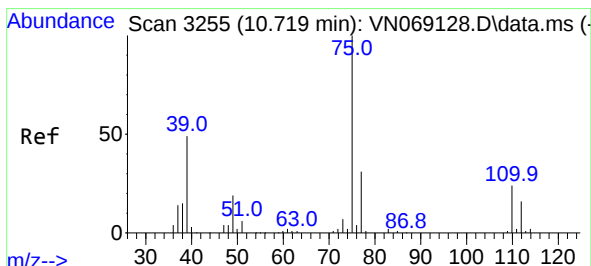
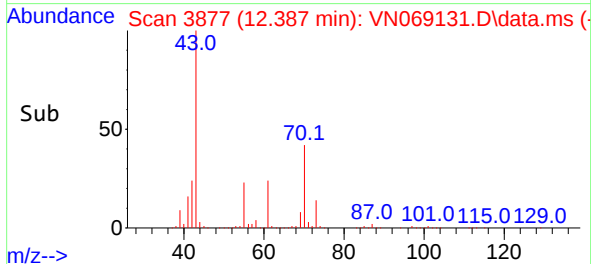
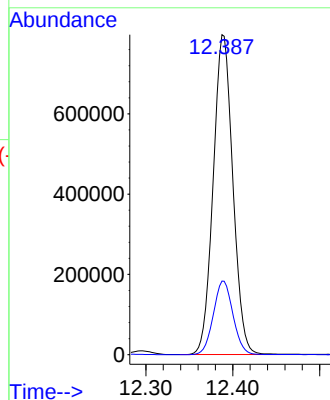
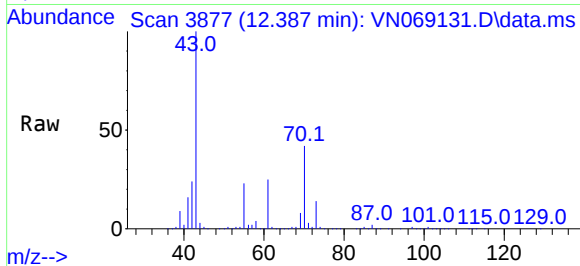
#47
n-amy1 Acetate
Concen: 168.931 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1251824
Ion Ratio Lower Upper
43 100
55 23.0 19.0 28.6

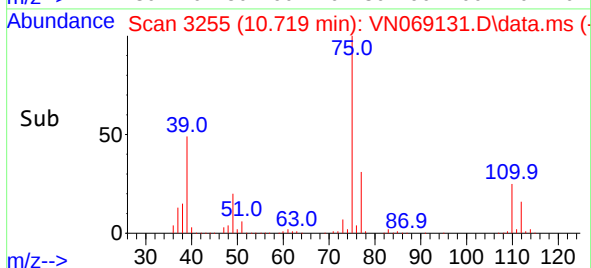
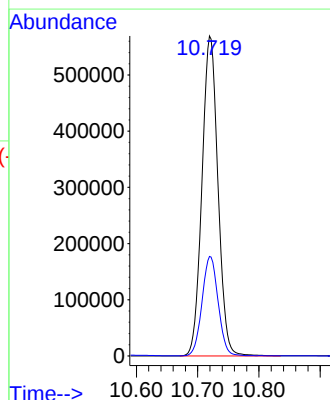
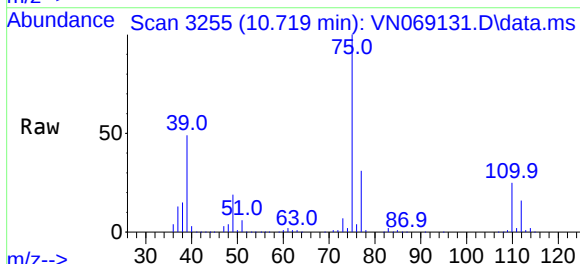
Manual Integrations
APPROVED

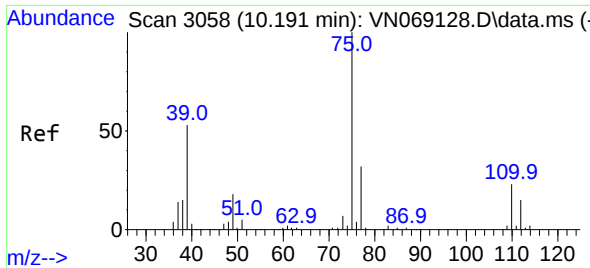
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#48
t-1,3-Dichloropropene
Concen: 156.681 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Tgt Ion: 75 Resp: 1032313
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9





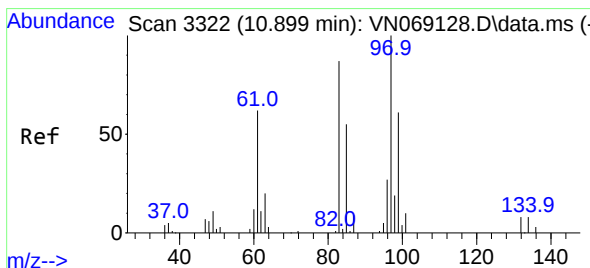
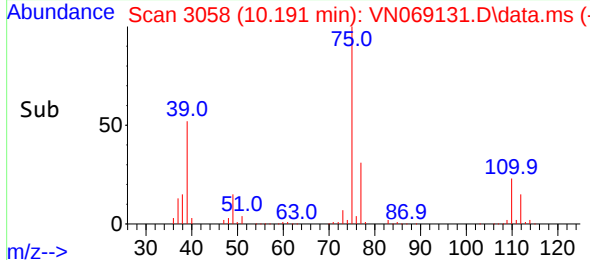
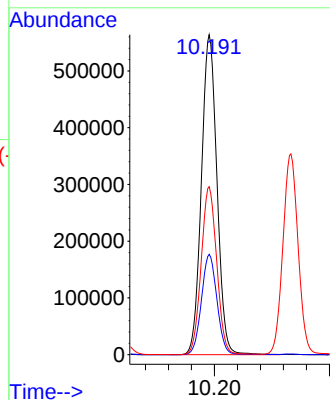
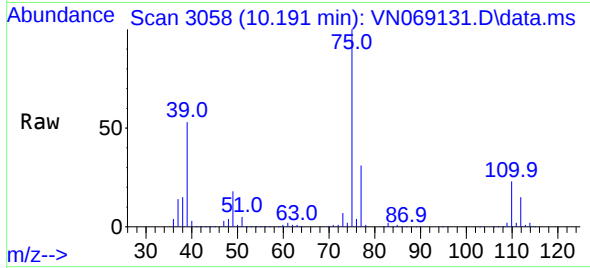
#49
 cis-1,3-Dichloropropene
 Concen: 156.993 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN069131.D
 Acq: 22 Oct 2021 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 105781
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 52.5 46.2 69.4

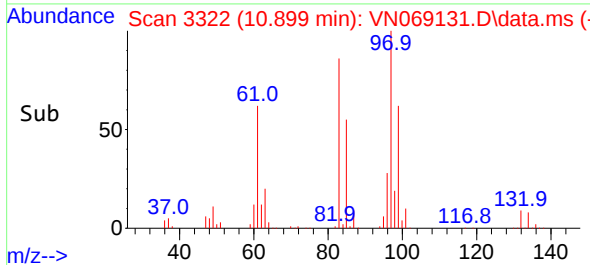
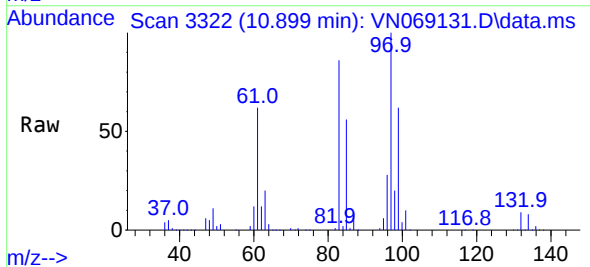
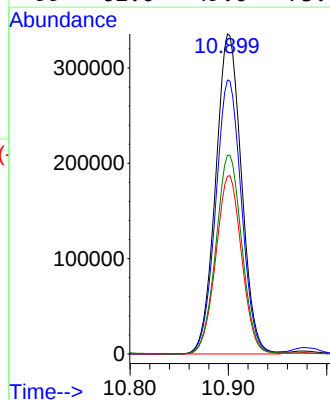
Manual Integrations
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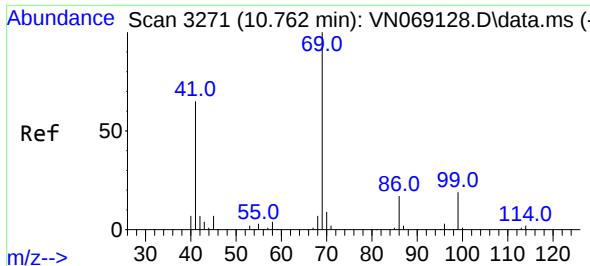
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#50
 1,1,2-Trichloroethane
 Concen: 144.909 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN069131.D
 Acq: 22 Oct 2021 12:52

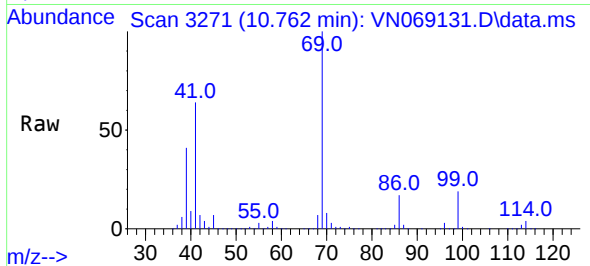
Tgt Ion: 97 Resp: 613919
 Ion Ratio Lower Upper
 97 100
 83 85.6 67.2 100.8
 85 55.6 43.0 64.4
 99 62.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 159.550 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

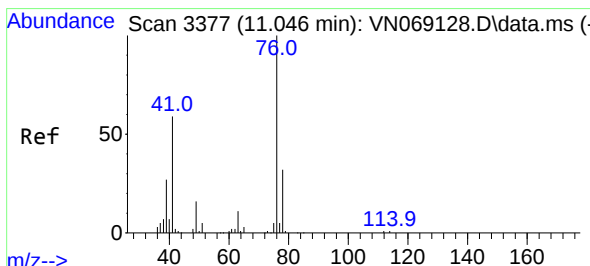
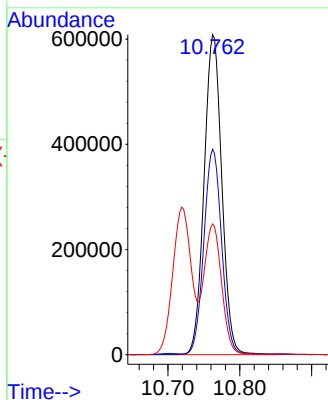
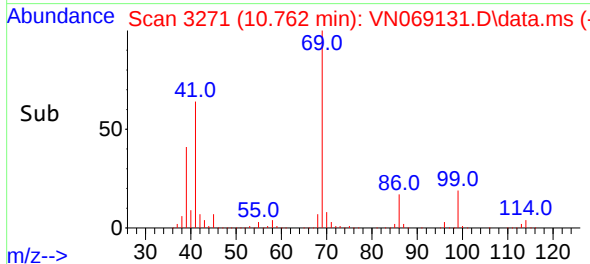
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



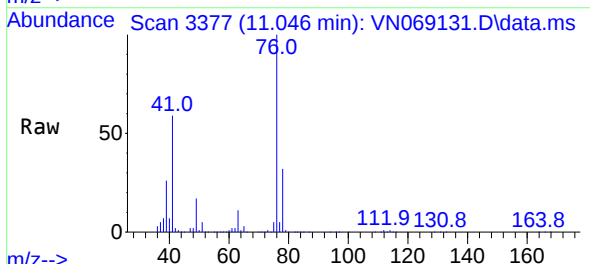
Tgt Ion: 69 Resp: 1044009
Ion Ratio Lower Upper
69 100
41 63.9 33.0 98.9
39 40.7 25.4 76.4

Manual Integrations
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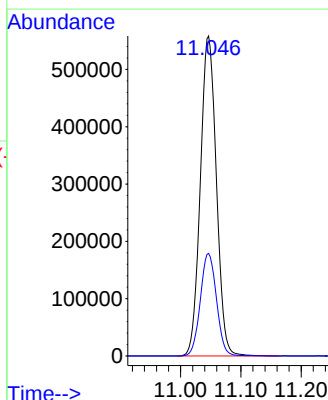
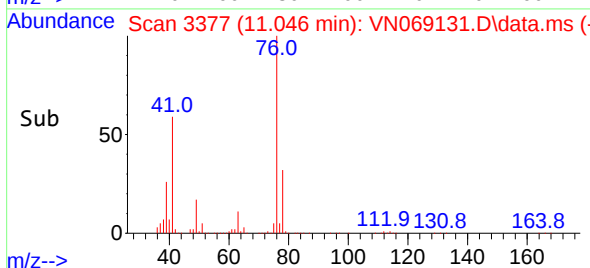
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

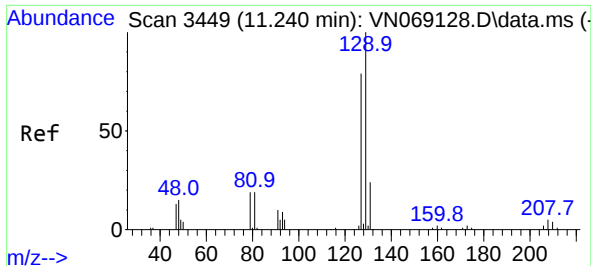


#52
1,3-Dichloropropane
Concen: 148.865 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 76 Resp: 1031259
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





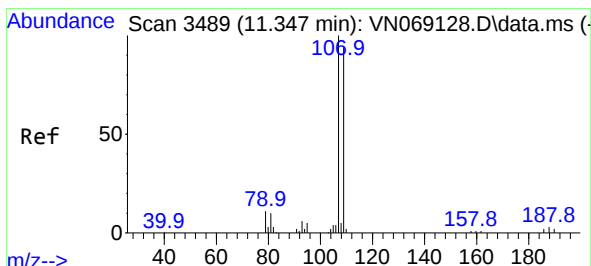
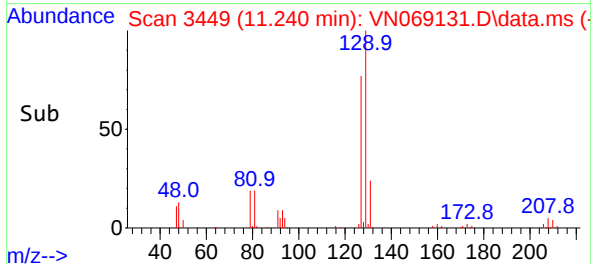
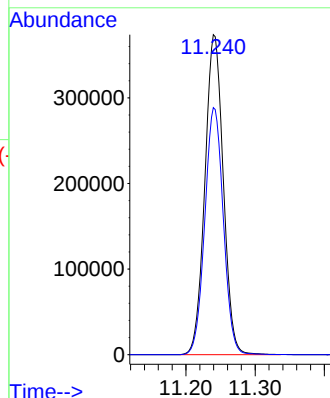
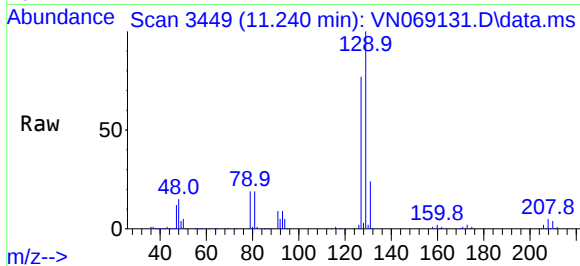
#53
Dibromochloromethane
Concen: 144.393 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 689670
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

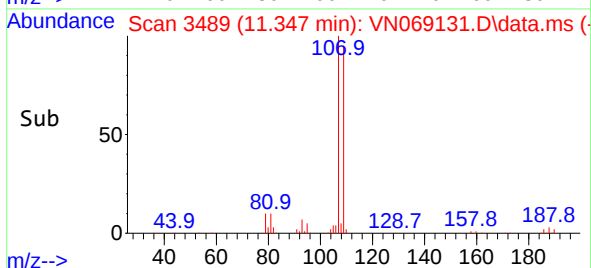
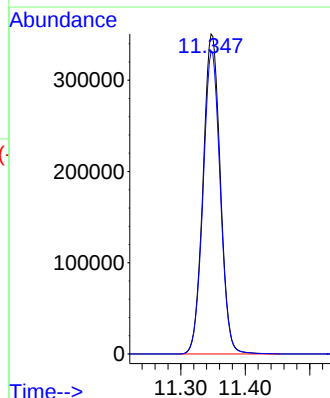
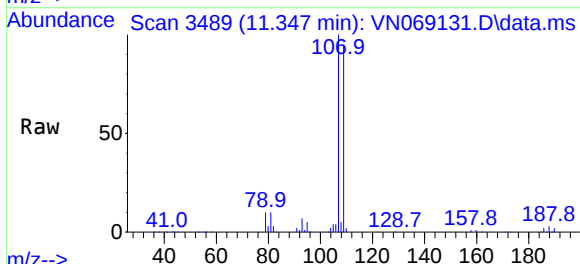
Manual Integrations
APPROVED

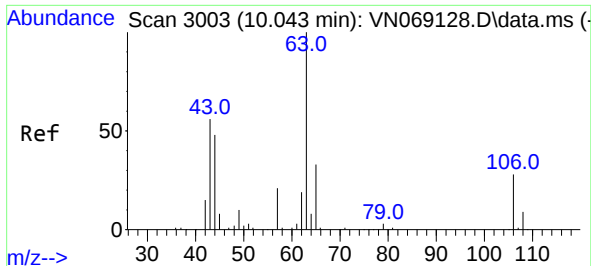
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#54
1,2-Dibromoethane
Concen: 147.119 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Tgt Ion:107 Resp: 651879
Ion Ratio Lower Upper
107 100
109 94.1 72.8 109.2





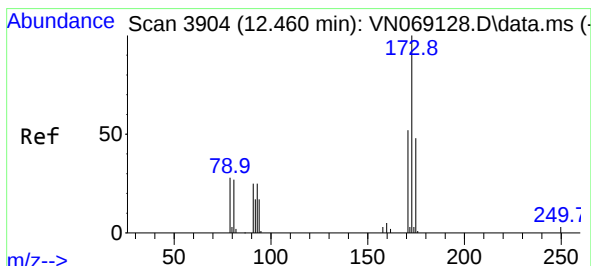
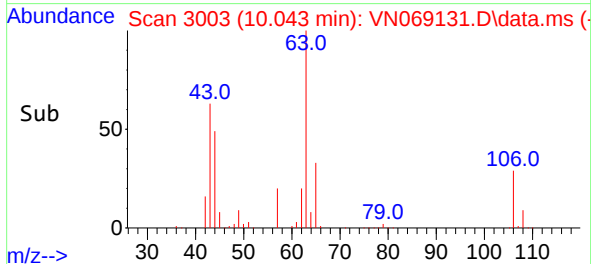
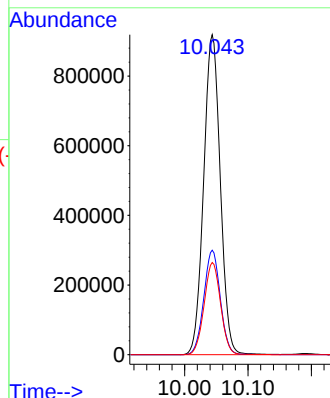
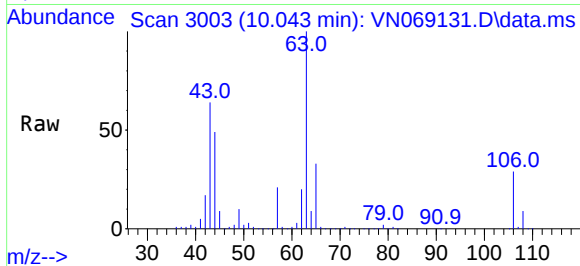
#55
2-Chloroethyl vinyl ether
Concen: 897.270 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 167230
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 28.5 23.2 34.8

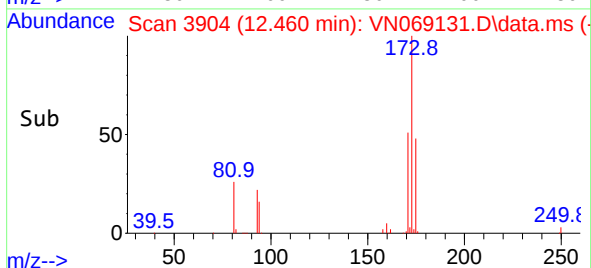
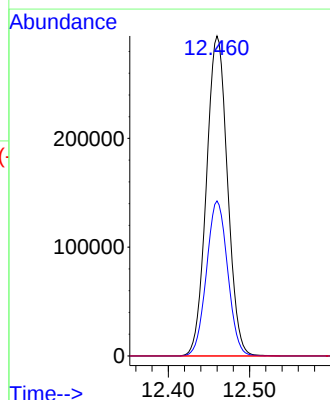
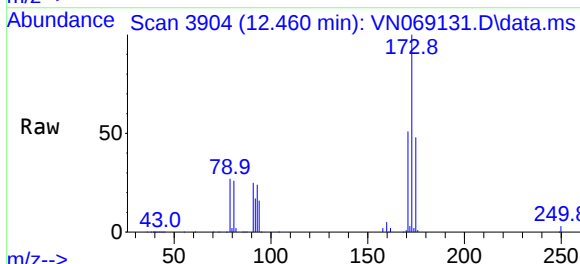
Manual Integrations
APPROVED

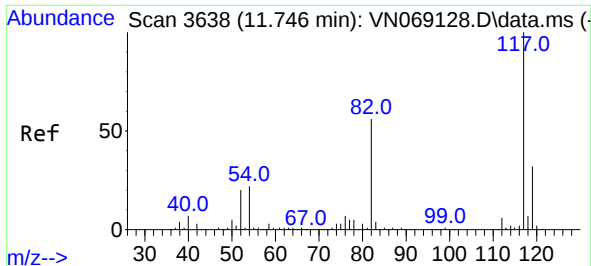
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#56
Bromoform
Concen: 153.615 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

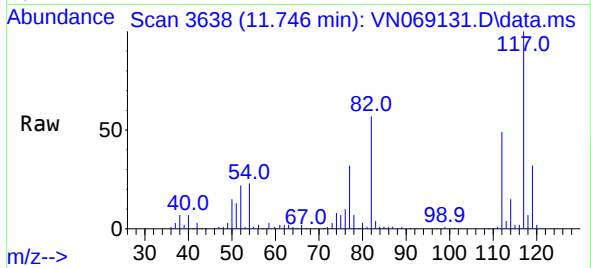
Tgt Ion:173 Resp: 529350
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

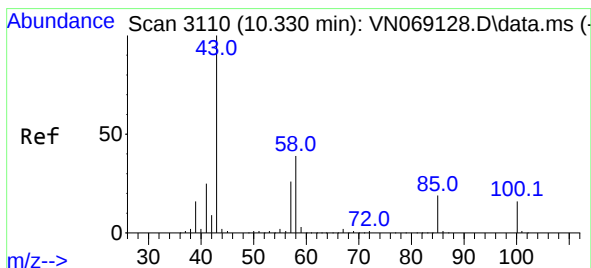
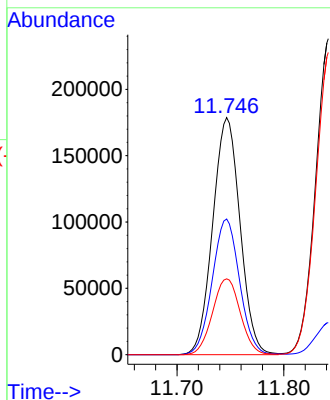
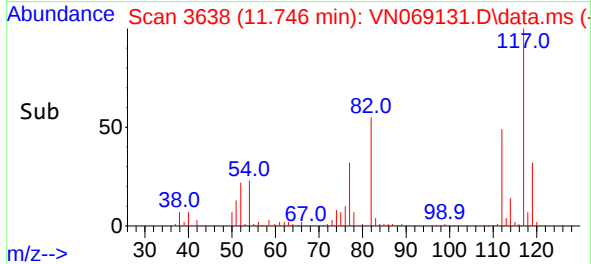
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



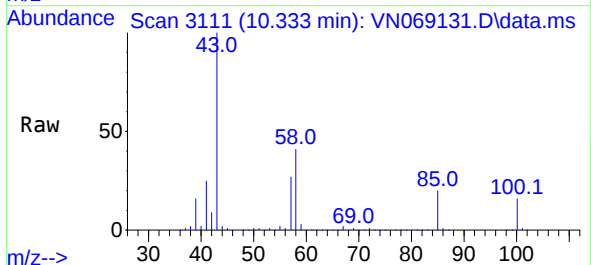
Tgt Ion: 117 Resp: 318278
Ion Ratio Lower Upper
117 100
82 57.3 43.6 65.4
119 32.6 25.8 38.6

Manual Integrations
APPROVED

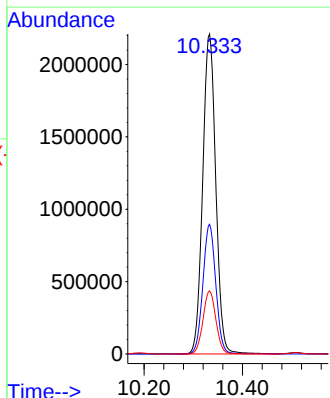
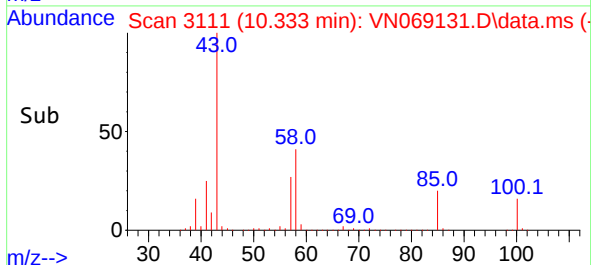
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

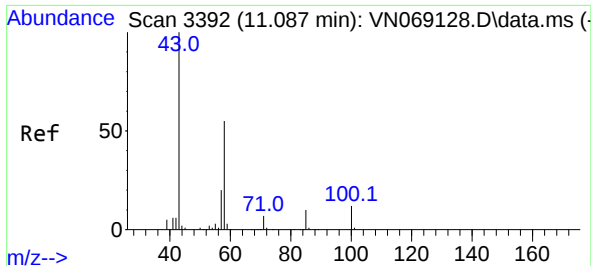


#58
4-Methyl-2-Pentanone
Concen: 747.287 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



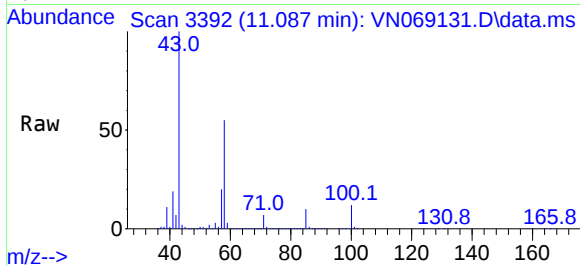
Tgt Ion: 43 Resp: 4078990
Ion Ratio Lower Upper
43 100
58 39.9 30.0 45.0
85 19.5 15.0 22.6





#59
2-Hexanone
Concen: 766.297 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

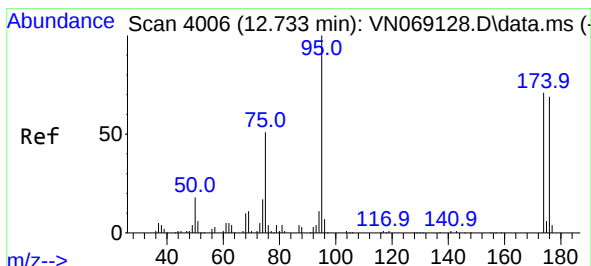
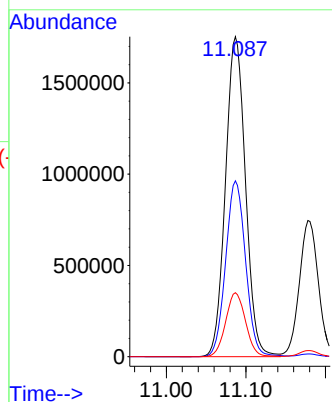
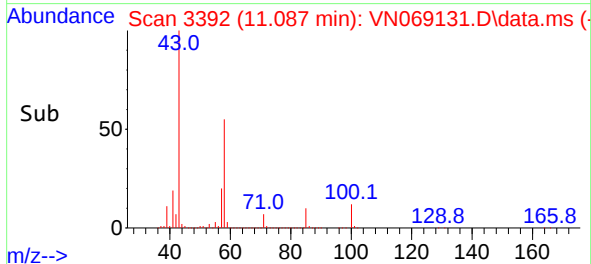
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



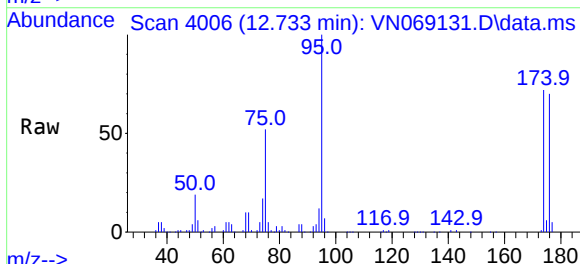
Tgt Ion: 43 Resp: 306428
Ion Ratio Lower Upper
43 100
58 54.8 42.2 63.2
57 19.9 15.0 22.4

Manual Integrations
APPROVED

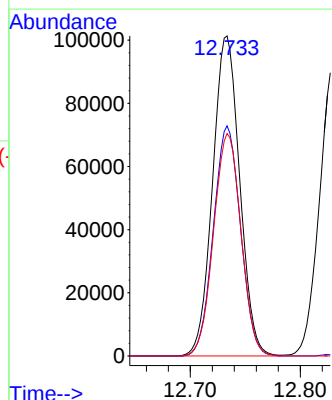
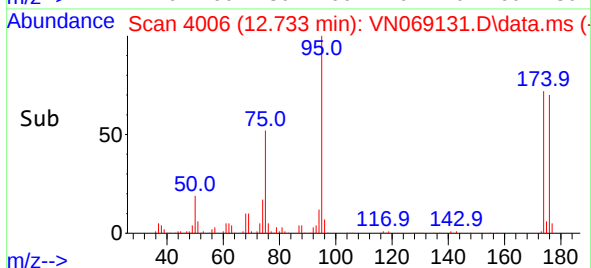
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

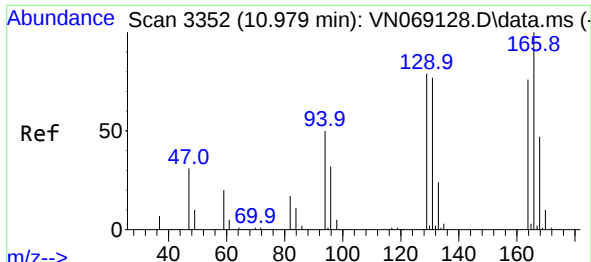


#60
4-Bromofluorobenzene
Concen: 33.924 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



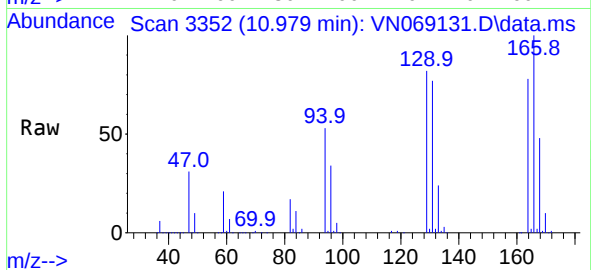
Tgt Ion: 95 Resp: 173190
Ion Ratio Lower Upper
95 100
174 72.1 62.9 94.3
176 70.5 61.0 91.4





#61
Tetrachloroethene
Concen: 136.674 ug/l
RT: 10.979 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

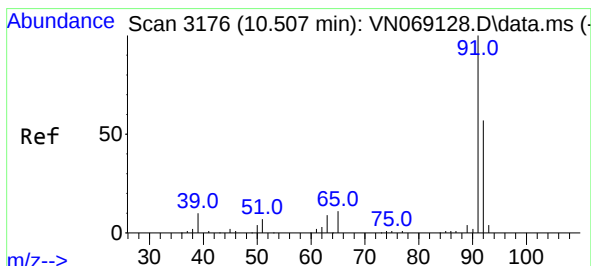
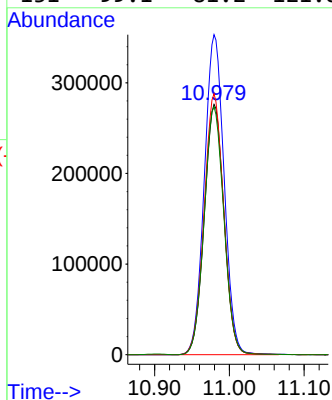
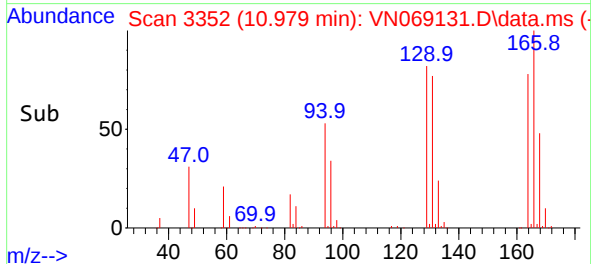
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



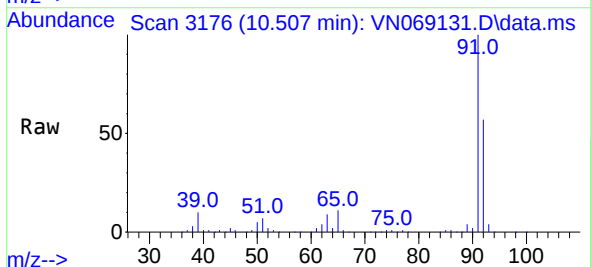
Tgt Ion:164 Resp: 508390
Ion Ratio Lower Upper
164 100
166 127.9 105.8 158.8
129 104.3 82.5 123.7
131 99.1 81.2 121.8

Manual Integrations
APPROVED

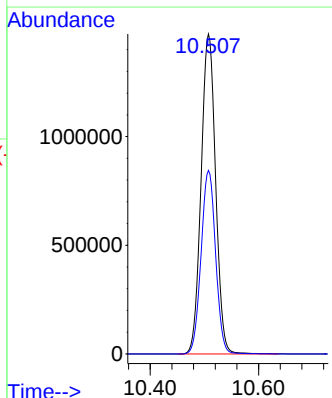
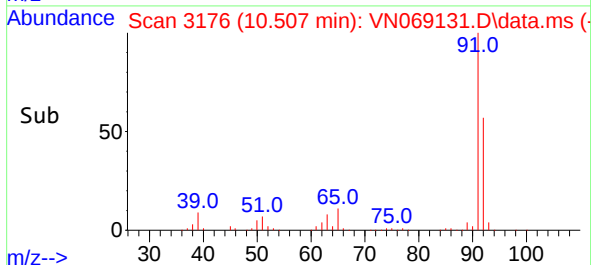
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

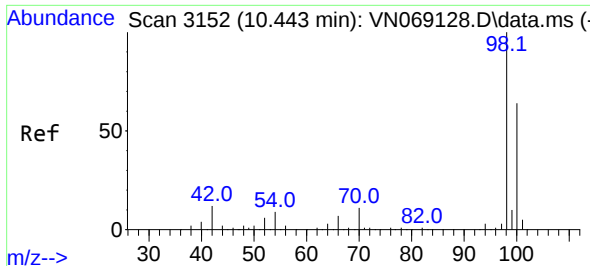


#62
Toluene
Concen: 142.751 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



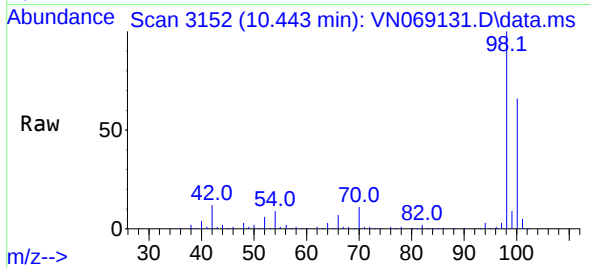
Tgt Ion: 91 Resp: 2740736
Ion Ratio Lower Upper
91 100
92 57.3 44.6 67.0





#63
Toluene-d8
Concen: 29.533 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

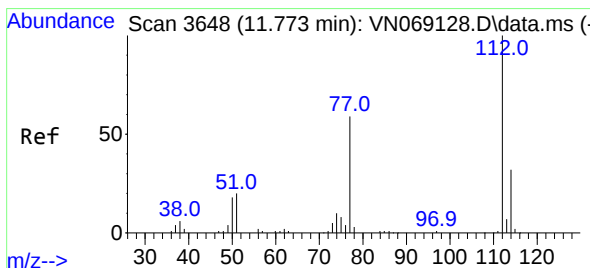
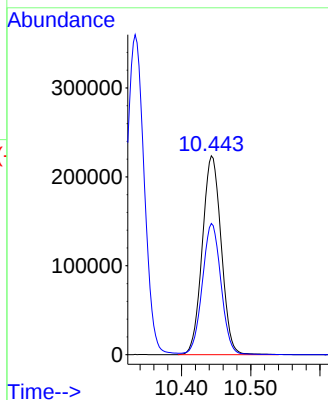
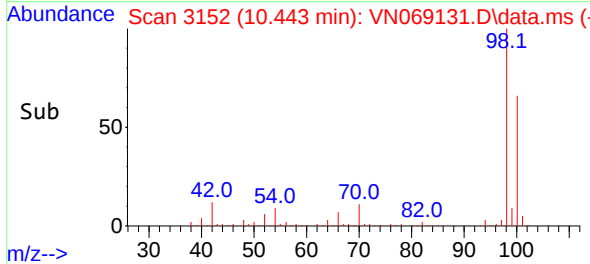
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



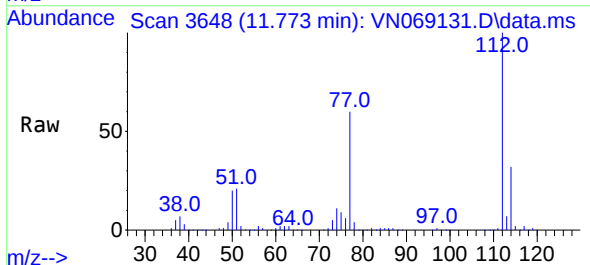
Tgt Ion: 98 Resp: 424830
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0

Manual Integrations
APPROVED

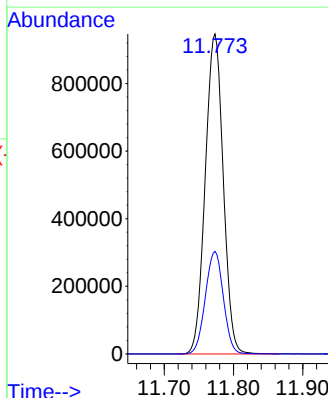
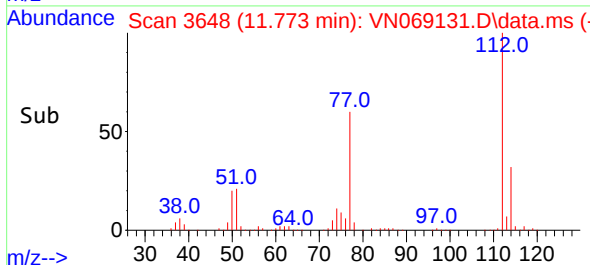
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

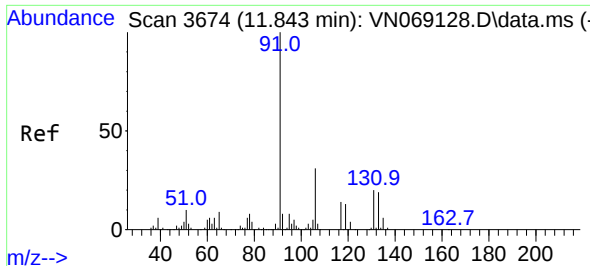


#64
Chlorobenzene
Concen: 145.148 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion:112 Resp: 1707078
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





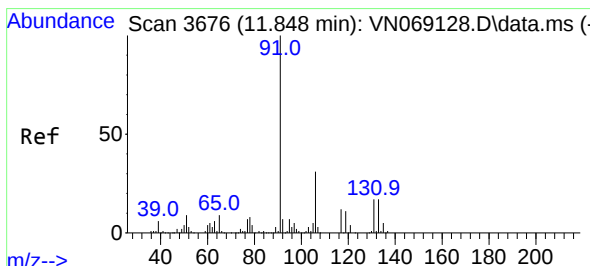
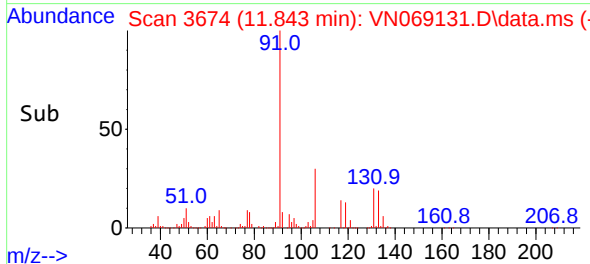
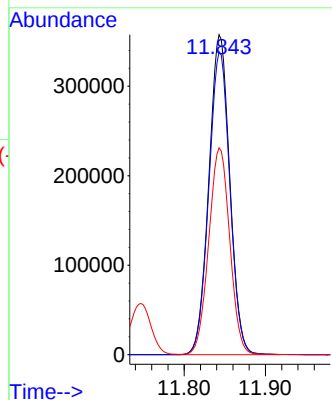
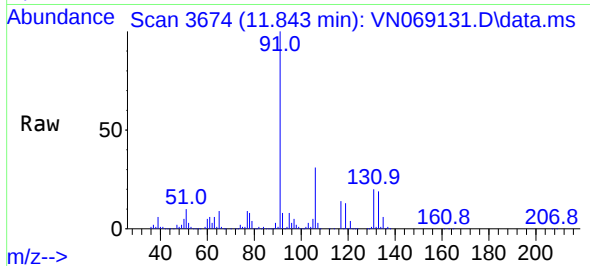
#65
1,1,1,2-Tetrachloroethane
Concen: 141.515 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:131 Resp: 639275
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.2
119 64.8 0.0 128.8

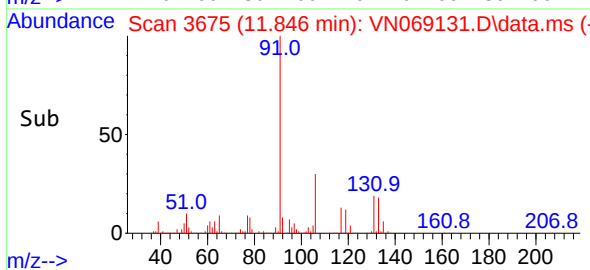
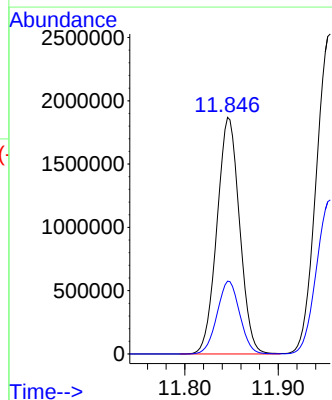
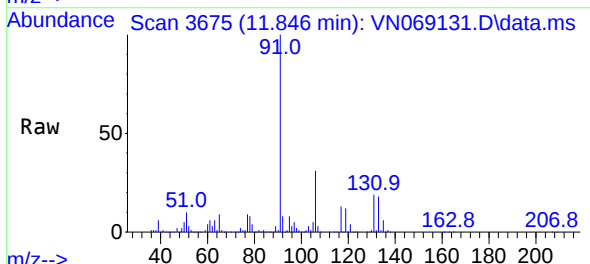
Manual Integrations
APPROVED

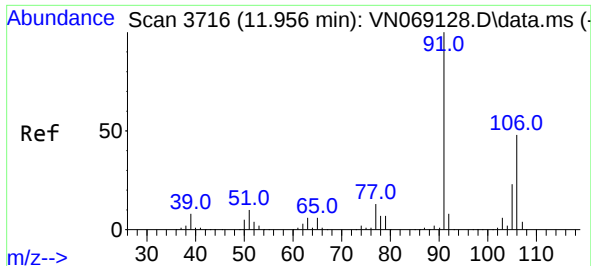
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#66
Ethyl Benzene
Concen: 145.091 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Tgt Ion: 91 Resp: 3145613
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





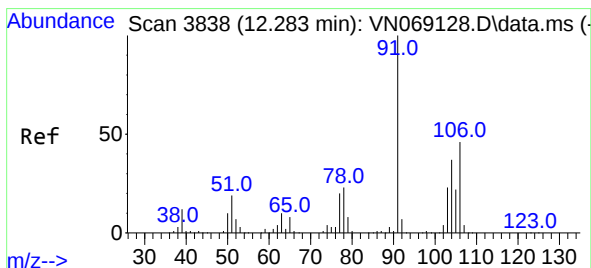
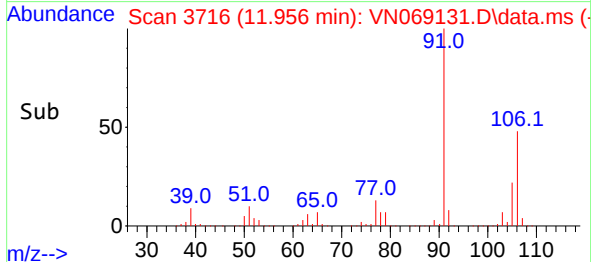
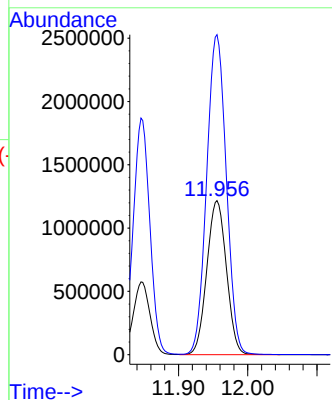
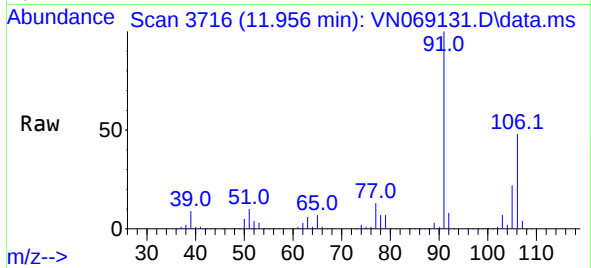
#67
m/p-Xylenes
Concen: 285.664 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 238574
Ion Ratio Lower Upper
106 100
91 208.4 162.9 244.3

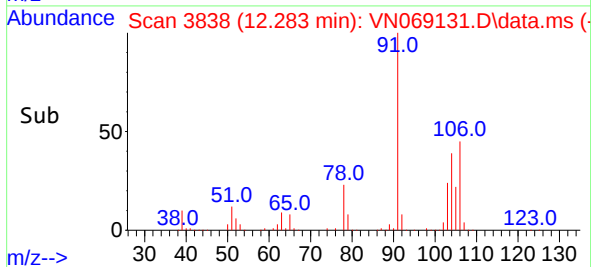
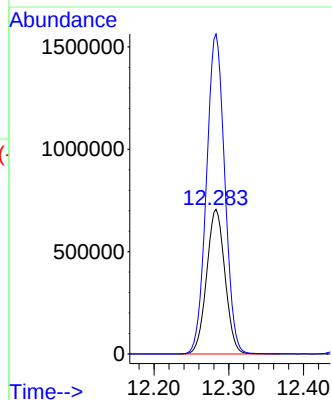
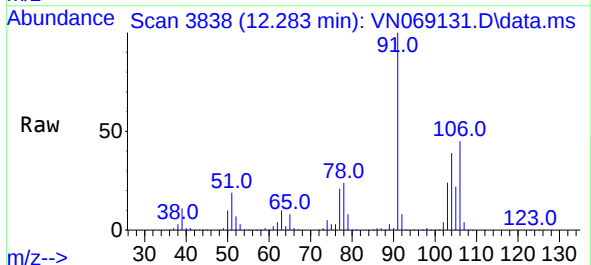
Manual Integrations
APPROVED

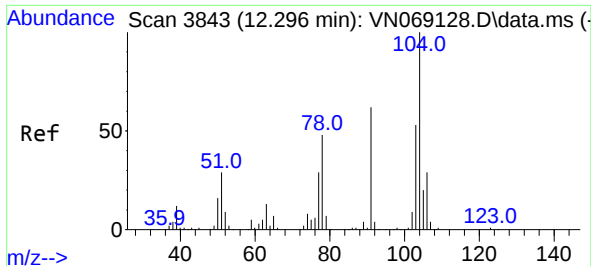
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#68
o-Xylene
Concen: 146.405 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

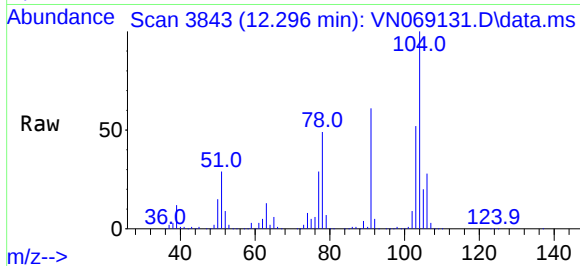
Tgt Ion:106 Resp: 1205742
Ion Ratio Lower Upper
106 100
91 220.6 107.7 323.1





#69
Styrene
Concen: 152.689 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

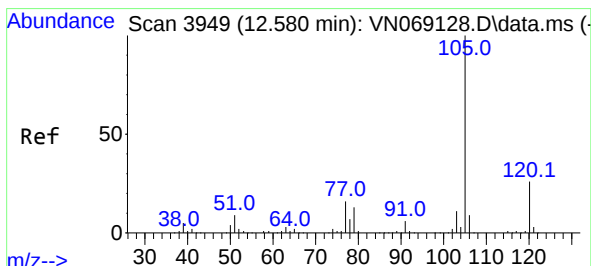
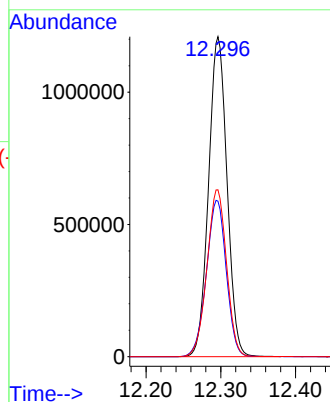
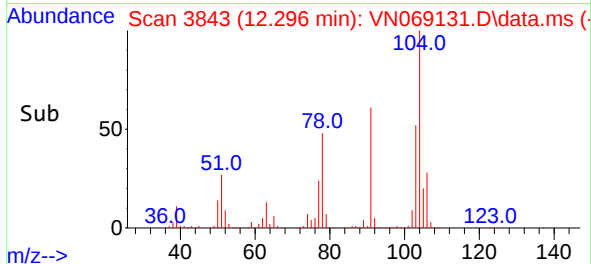
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



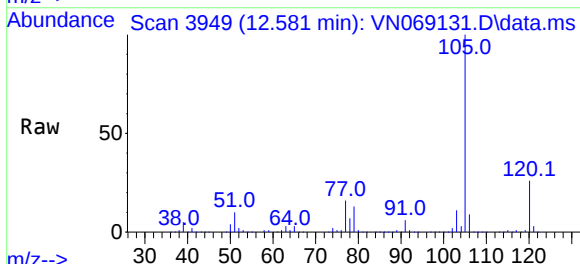
Tgt Ion:104 Resp: 2075645
Ion Ratio Lower Upper
104 100
78 52.7 40.7 61.1
103 55.5 45.8 68.8

Manual Integrations
APPROVED

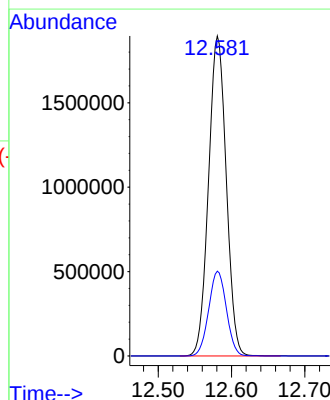
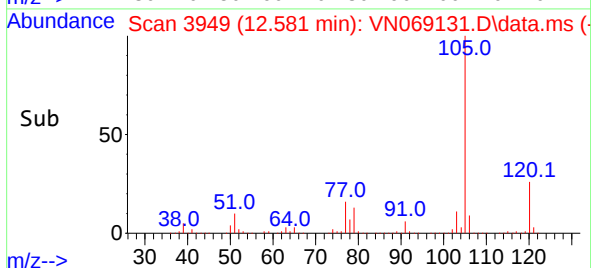
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

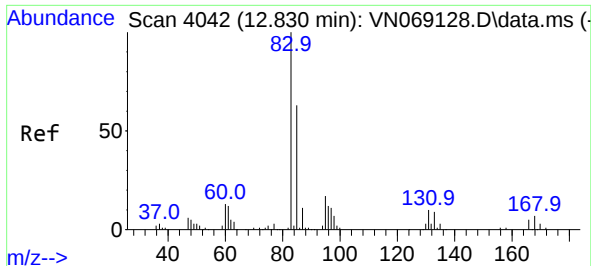


#70
Isopropylbenzene
Concen: 145.931 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



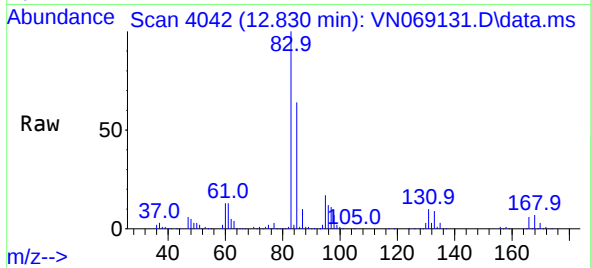
Tgt Ion:105 Resp: 3179045
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 148.371 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

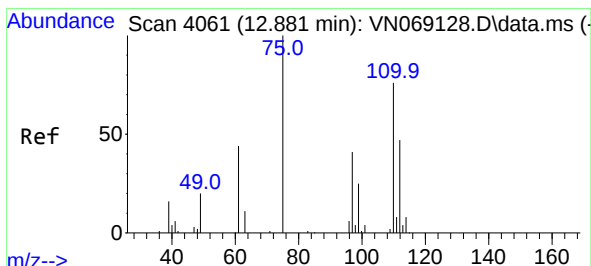
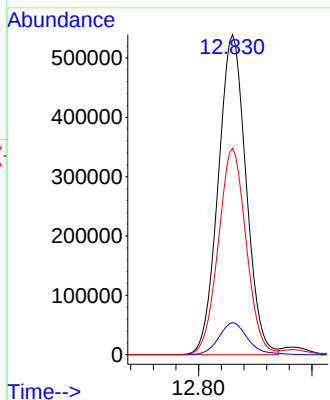
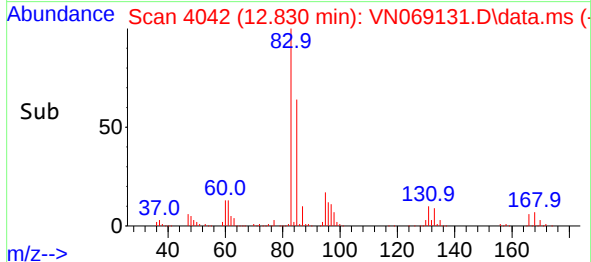
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



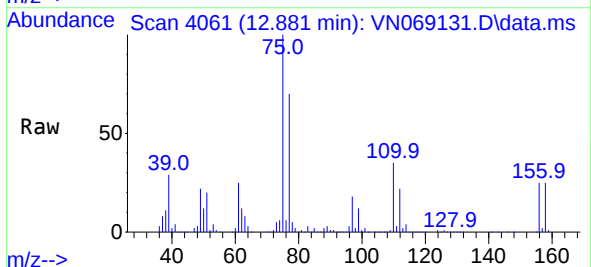
Tgt Ion: 83 Resp: 91888
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.6 33.1 99.2

Manual Integrations
APPROVED

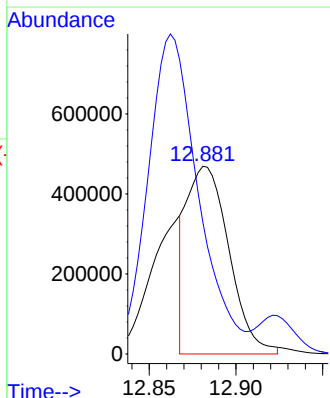
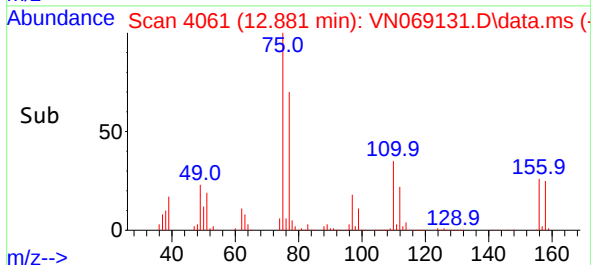
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

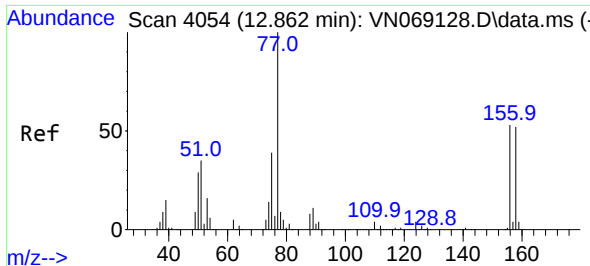


#72
1,2,3-Trichloropropane
Concen: 156.454 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



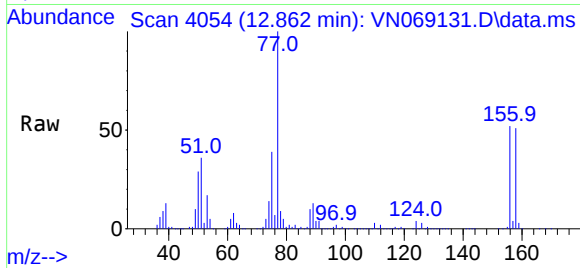
Tgt Ion: 75 Resp: 795862
Ion Ratio Lower Upper
75 100
77 202.6 0.0 378.0





#73
Bromobenzene
Concen: 148.505 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

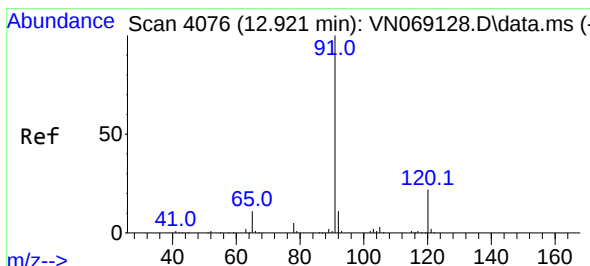
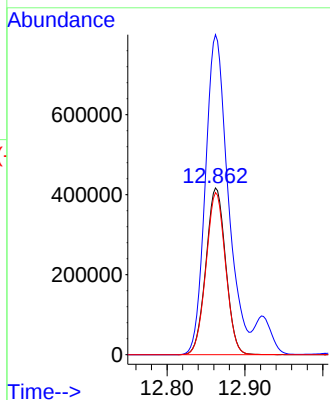
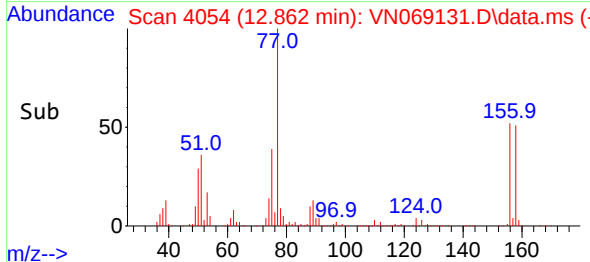
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



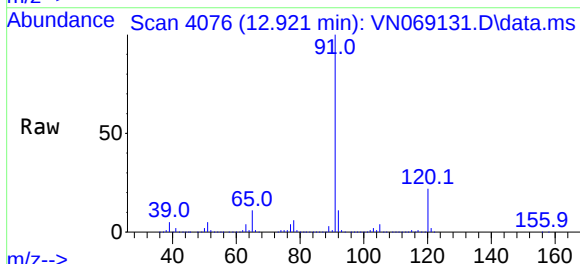
Tgt Ion:156 Resp: 734418
Ion Ratio Lower Upper
156 100
77 219.5 0.0 416.0
158 96.5 0.0 195.4

Manual Integrations
APPROVED

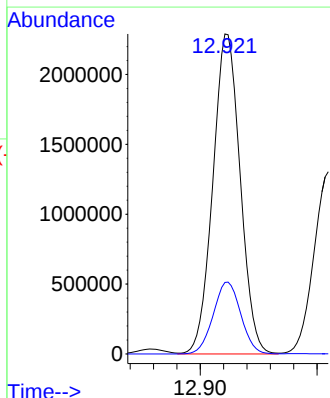
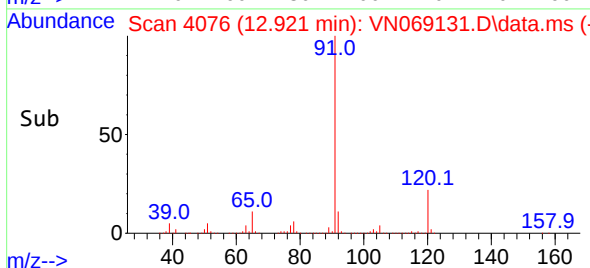
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

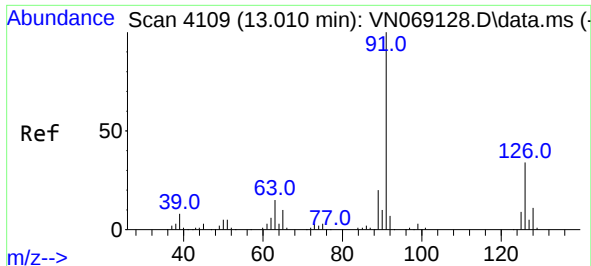


#74
n-propylbenzene
Concen: 149.253 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion: 91 Resp: 3718260
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.0





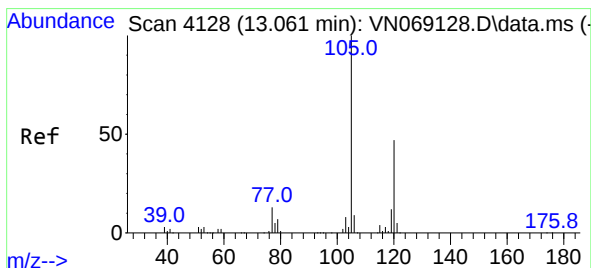
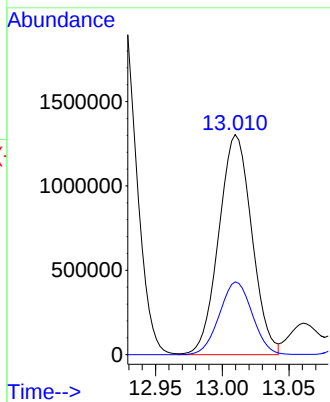
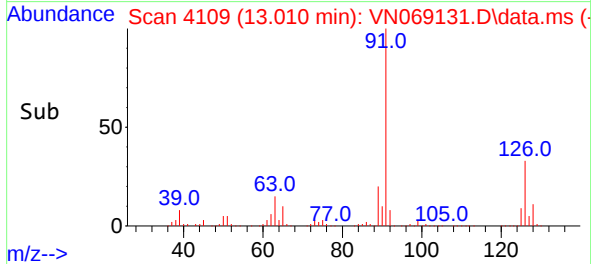
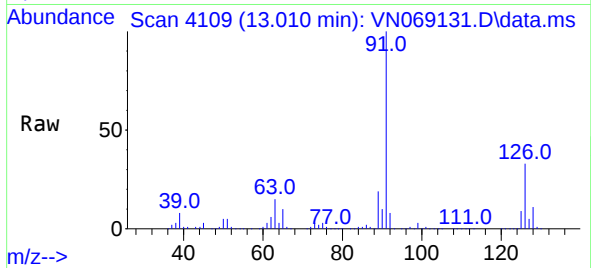
#75
2-Chlorotoluene
Concen: 152.496 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2245404
Ion Ratio Lower Upper
91 100
126 33.0 0.0 69.8

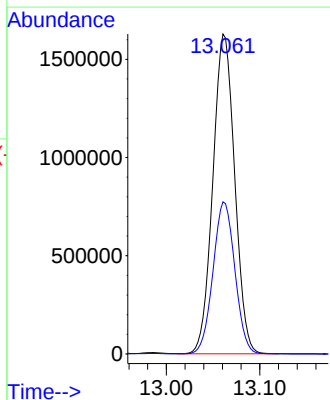
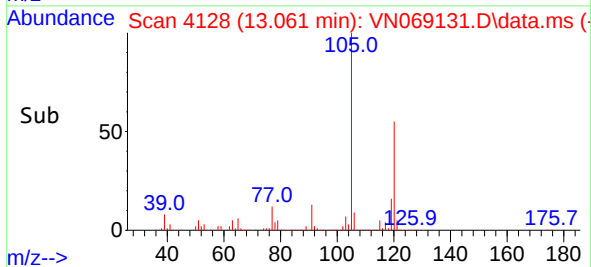
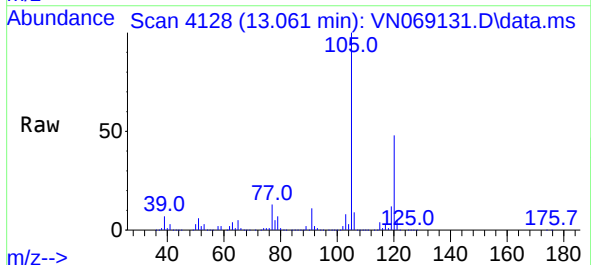
Manual Integrations
APPROVED

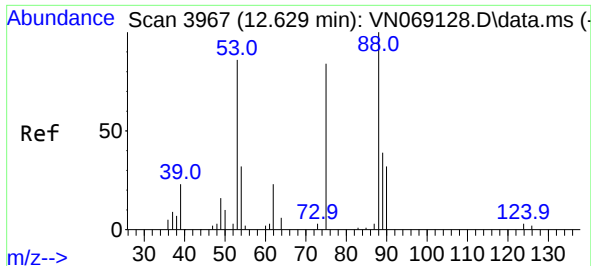
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76
1,3,5-Trimethylbenzene
Concen: 147.140 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

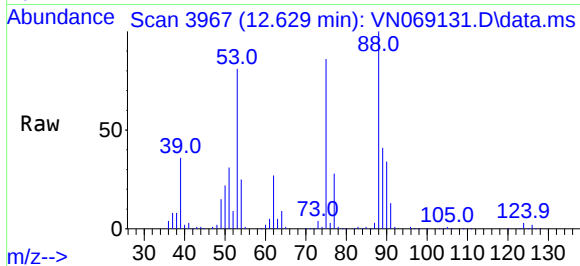
Tgt Ion:105 Resp: 2646541
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 173.455 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

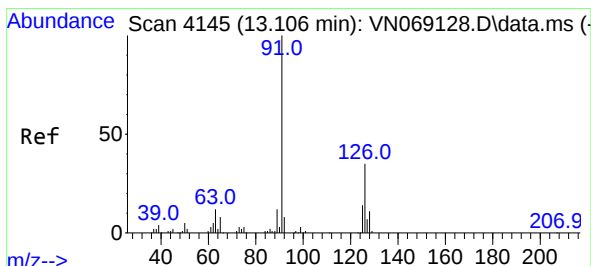
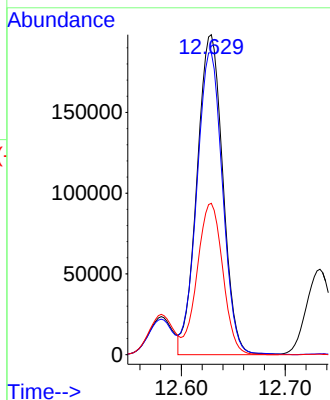
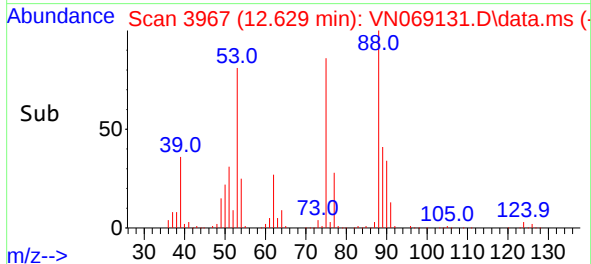
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



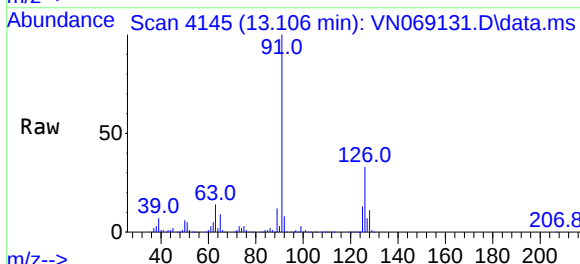
Tgt Ion: 75 Resp: 34194
Ion Ratio Lower Upper
75 100
53 94.4 51.8 155.5
89 47.4 22.9 68.7

Manual Integrations
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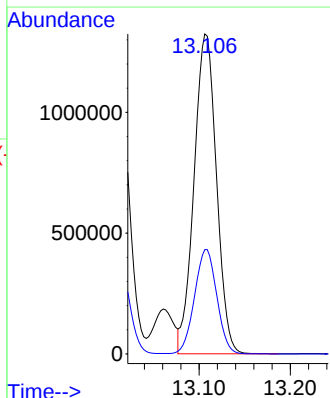
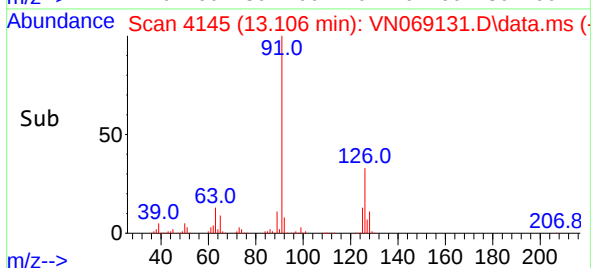
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

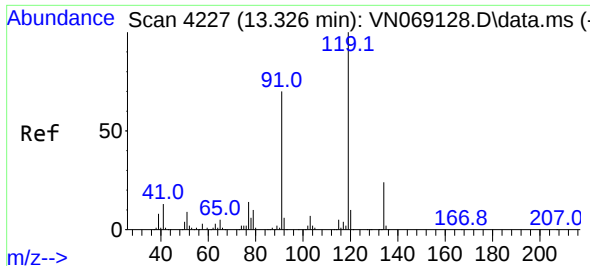


#78
4-Chlorotoluene
Concen: 156.023 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



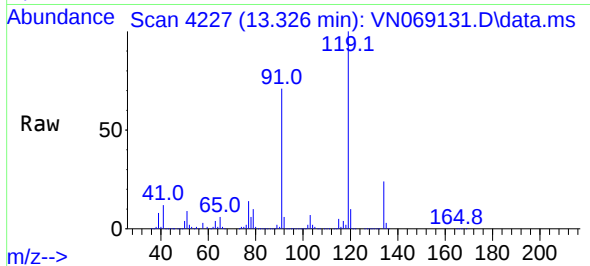
Tgt Ion: 91 Resp: 2259740
Ion Ratio Lower Upper
91 100
126 32.4 0.0 70.6





#79
tert-butylbenzene
Concen: 146.756 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

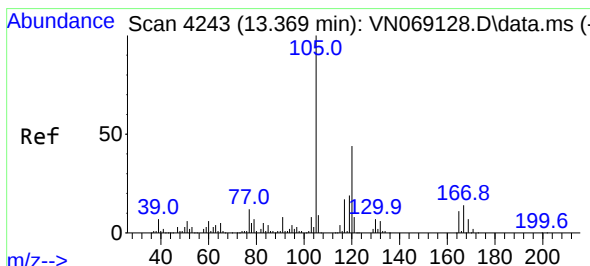
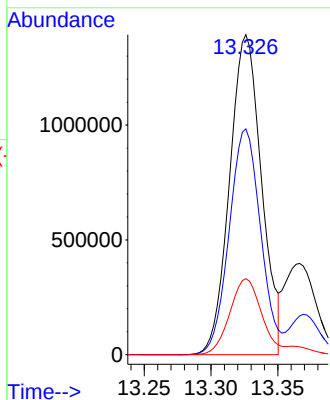
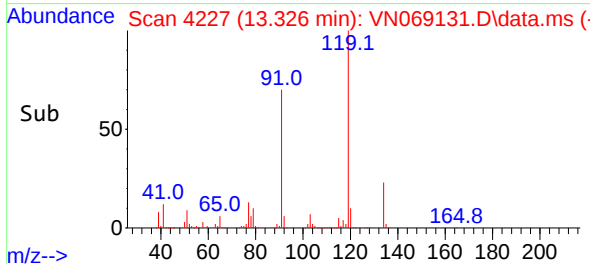
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



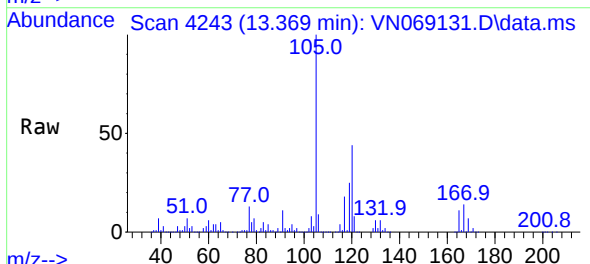
Tgt Ion:119 Resp: 232082
Ion Ratio Lower Upper
119 100
91 69.7 0.0 137.0
134 23.8 0.0 47.6

Manual Integrations
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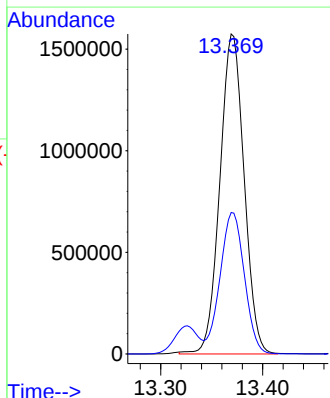
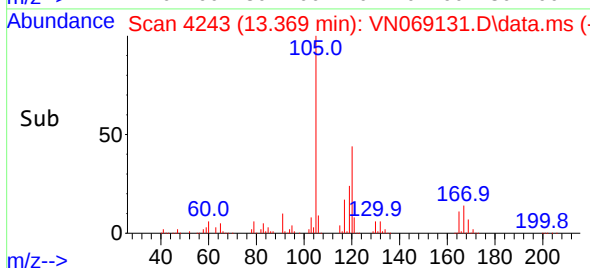
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

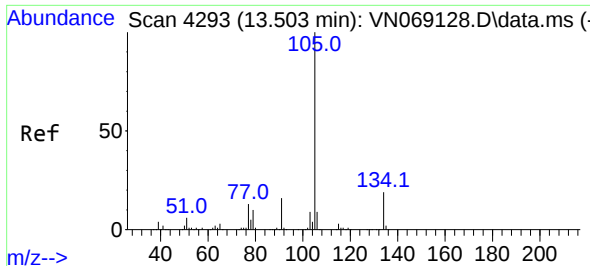


#80
1,2,4-Trimethylbenzene
Concen: 145.743 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion:105 Resp: 2596884
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





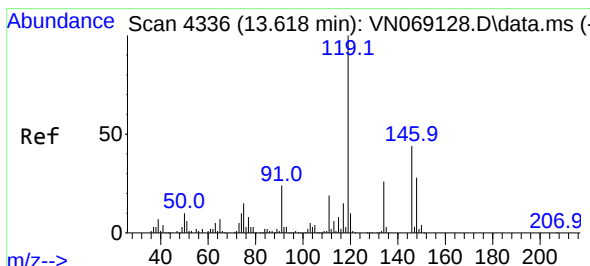
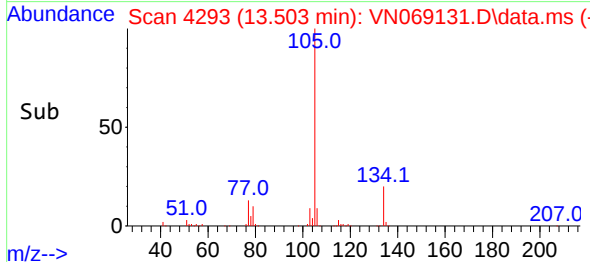
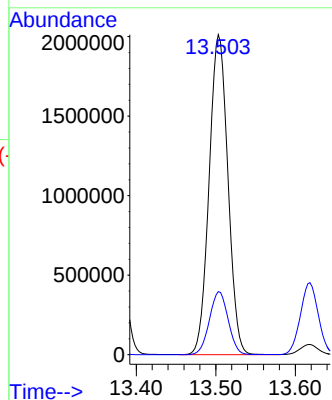
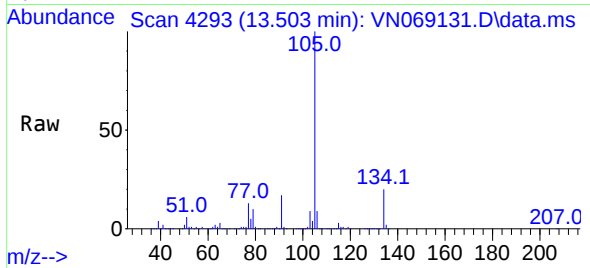
#81
 sec-Butylbenzene
 Concen: 146.461 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069131.D
 Acq: 22 Oct 2021 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 329715
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

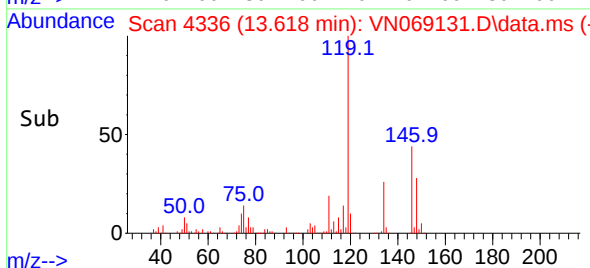
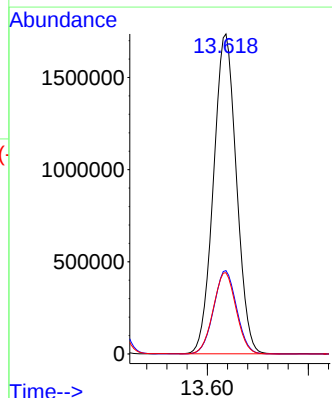
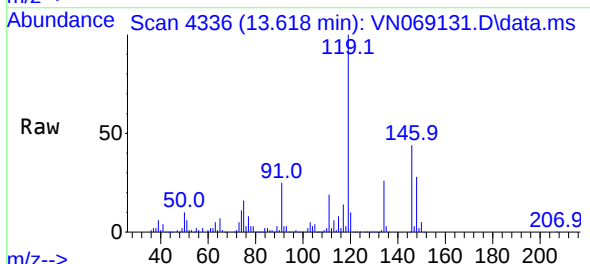
Manual Integrations
 APPROVED

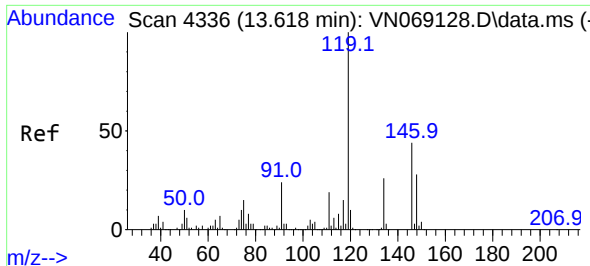
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#82
 p-Isopropyltoluene
 Concen: 146.869 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069131.D
 Acq: 22 Oct 2021 12:52

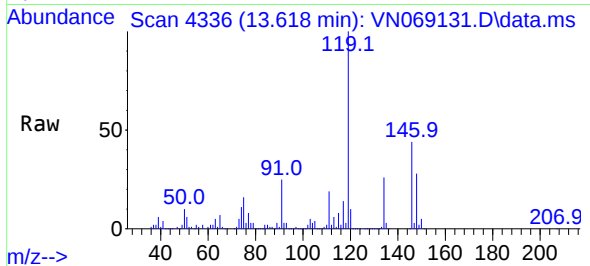
Tgt Ion:119 Resp: 2730019
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 25.4 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 143.838 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

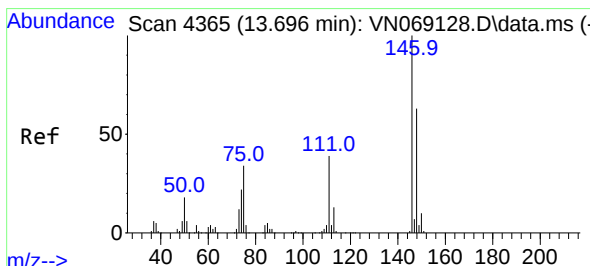
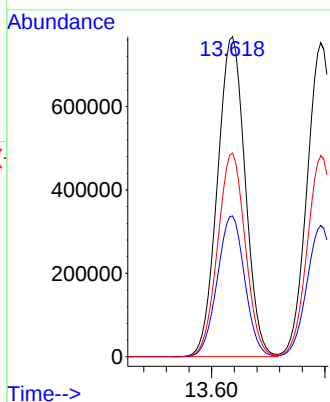
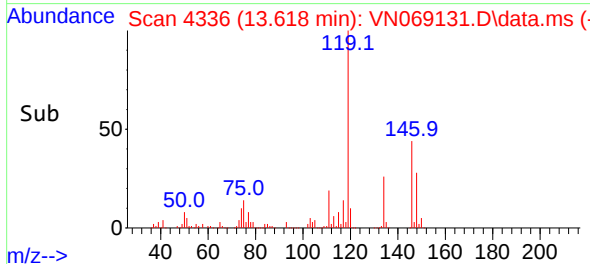
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



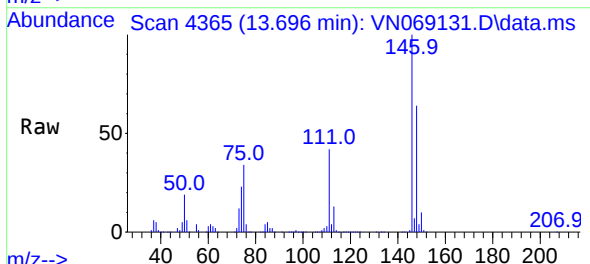
Tgt Ion:146 Resp: 130381
Ion Ratio Lower Upper
146 100
111 43.6 20.8 62.2
148 63.5 31.4 94.3

Manual Integrations
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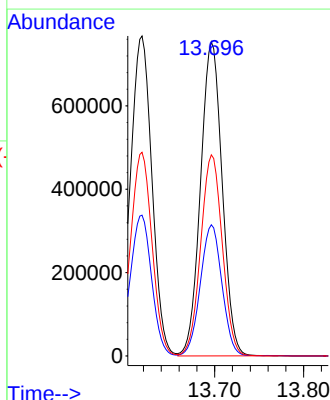
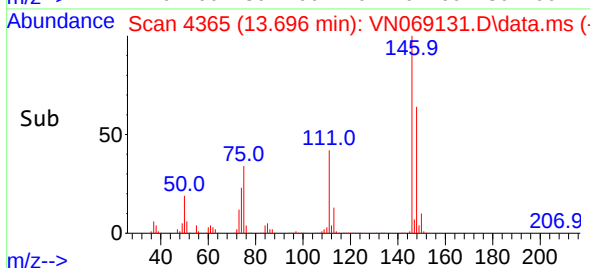
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

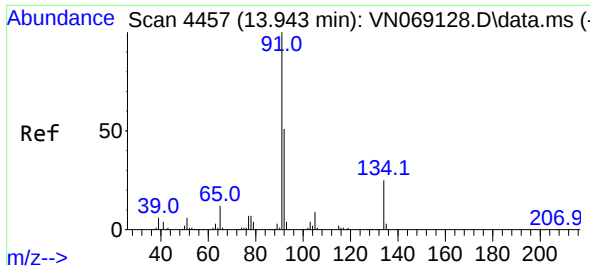


#84
1,4-Dichlorobenzene
Concen: 147.430 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



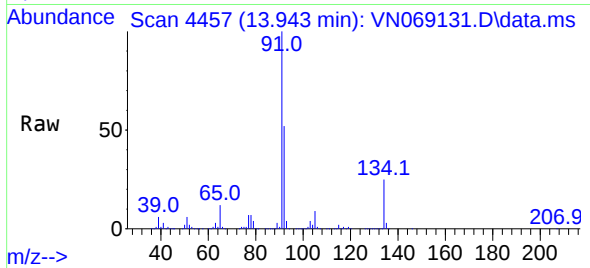
Tgt Ion:146 Resp: 1270595
Ion Ratio Lower Upper
146 100
111 41.8 19.5 58.5
148 64.1 31.1 93.5





#85
n-Butylbenzene
Concen: 155.287 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

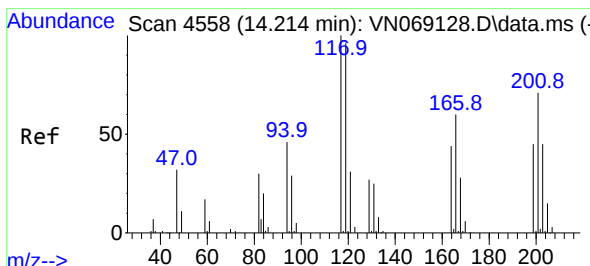
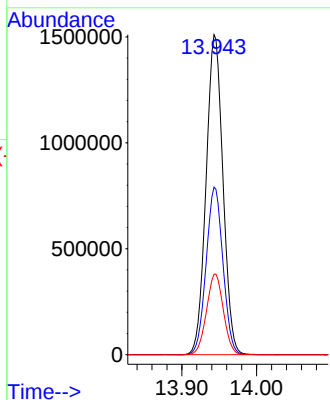
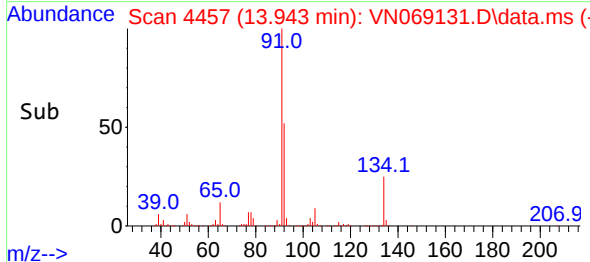
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



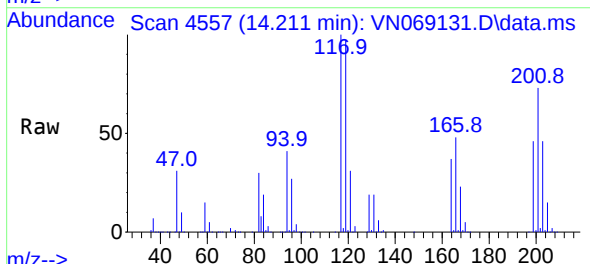
Tgt Ion: 91 Resp: 2366420
Ion Ratio Lower Upper
91 100
92 52.3 0.0 100.6
134 25.3 0.0 50.2

Manual Integrations
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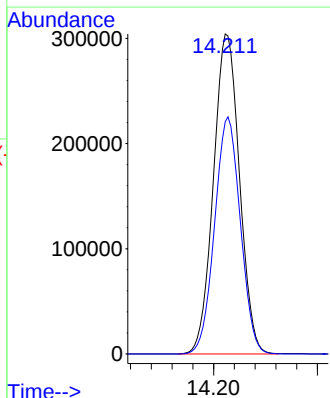
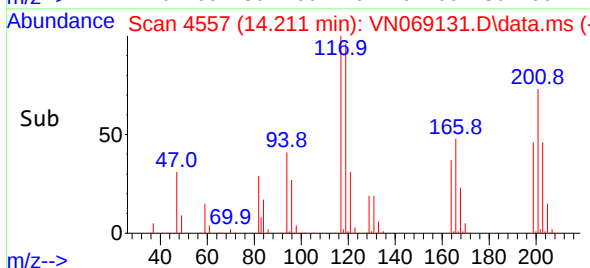
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

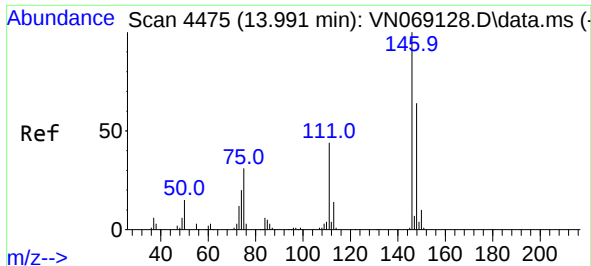


#86
Hexachloroethane
Concen: 152.063 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



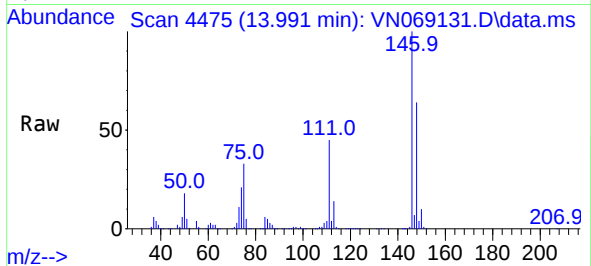
Tgt Ion:117 Resp: 530342
Ion Ratio Lower Upper
117 100
201 73.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 144.261 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

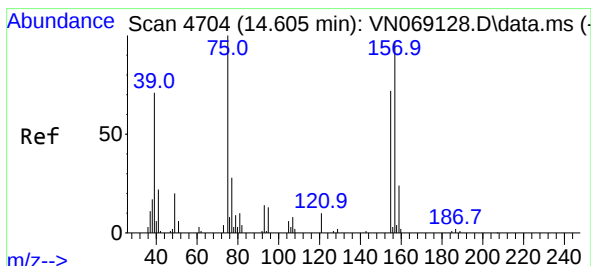
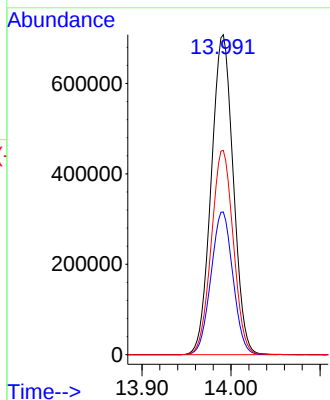
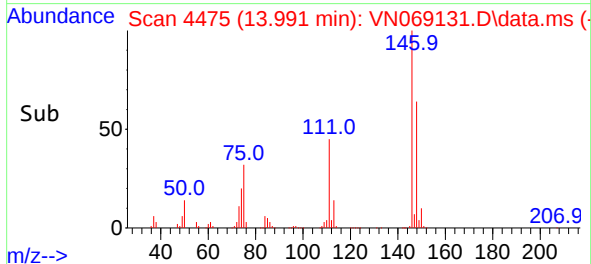
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



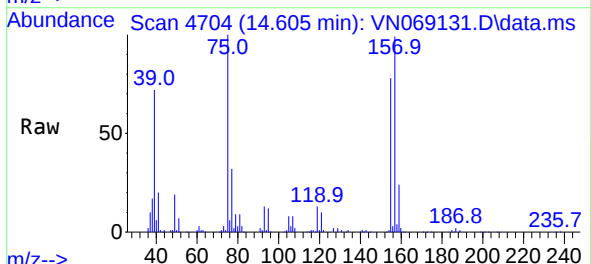
Tgt Ion:146 Resp: 1215164
Ion Ratio Lower Upper
146 100
111 44.5 21.4 64.2
148 64.1 32.5 97.4

Manual Integrations
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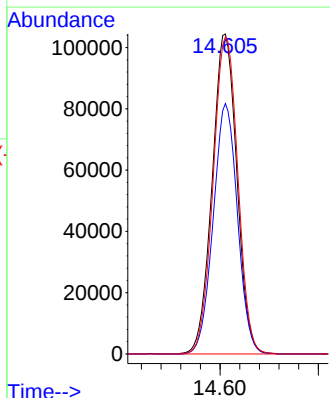
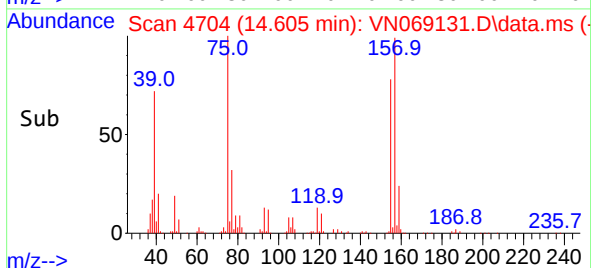
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

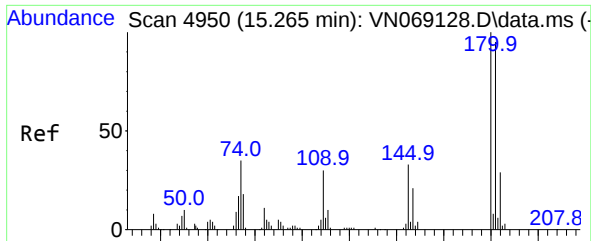


#88
1,2-Dibromo-3-Chloropropane
Concen: 166.052 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



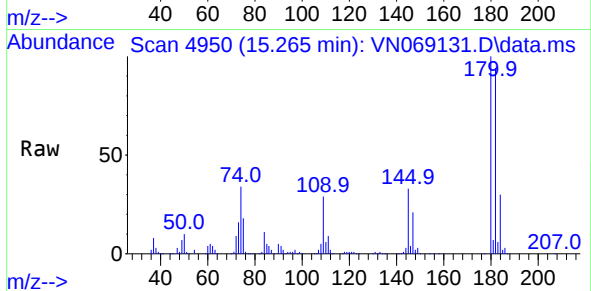
Tgt Ion: 75 Resp: 182430
Ion Ratio Lower Upper
75 100
155 76.9 63.8 95.8
157 99.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 161.437 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

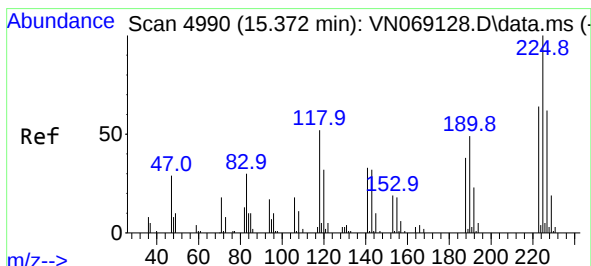
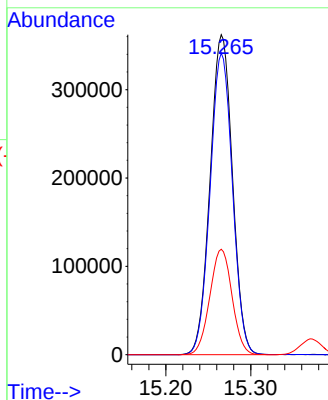
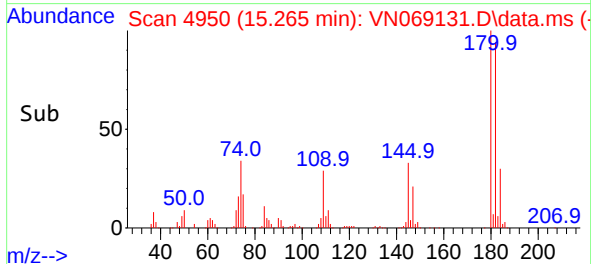
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



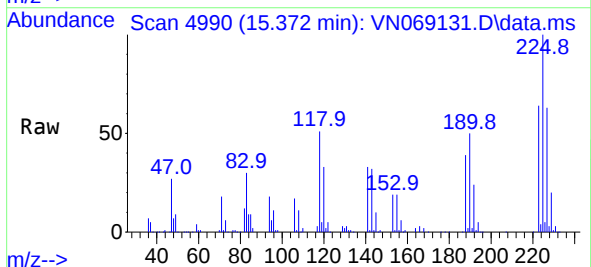
Tgt Ion:180 Resp: 661135
Ion Ratio Lower Upper
180 100
182 94.2 77.7 116.5
145 32.9 26.6 39.8

Manual Integrations
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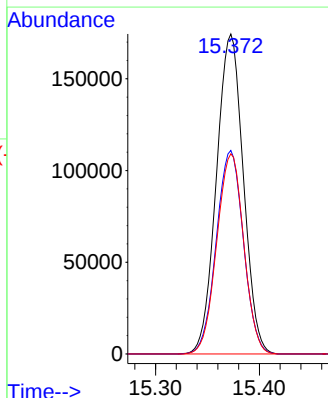
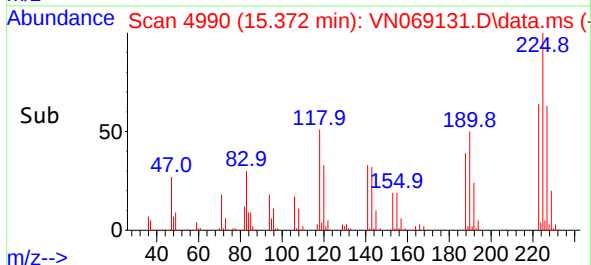
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

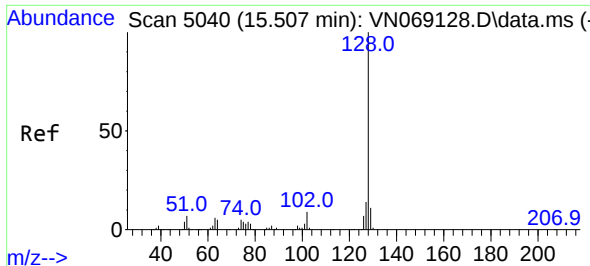


#90
Hexachlorobutadiene
Concen: 151.205 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



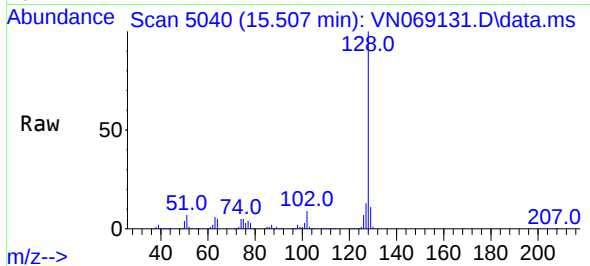
Tgt Ion:225 Resp: 314185
Ion Ratio Lower Upper
225 100
223 64.0 0.0 126.8
227 62.6 0.0 123.0





#91
Naphthalene
Concen: 169.337 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52

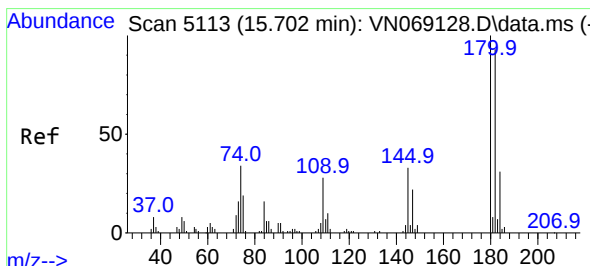
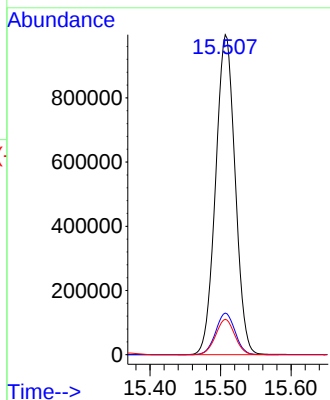
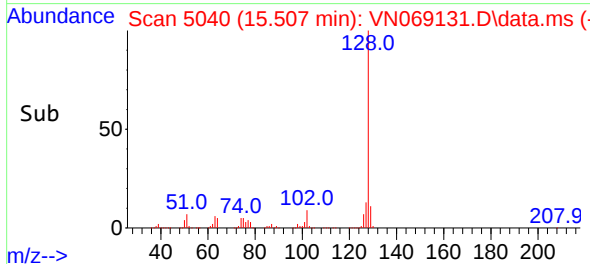
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



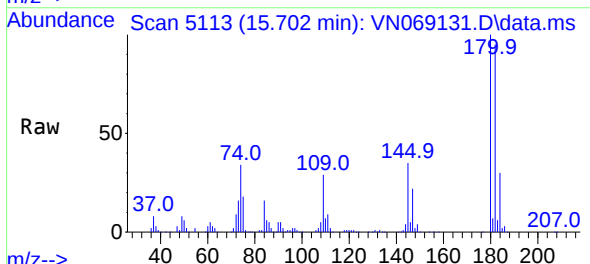
Tgt Ion:128 Resp: 1915774
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#92
1,2,3-Trichlorobenzene
Concen: 160.021 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069131.D
Acq: 22 Oct 2021 12:52



Tgt Ion:180 Resp: 622389
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.0
145 34.9 0.0 67.8

