

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068466.D
 Acq On : 13 Sep 2021 19:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2021
 Supervised By : Mahesh Dadoda 09/14/2021

Quant Time: Sep 14 04:29:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	99024	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	516616	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	471624	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	179278	30.656	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.200%			
60) 4-Bromofluorobenzene	12.733	95	199586	29.690	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.967%			
63) Toluene-d8	10.446	98	635551	30.977	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.267%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	89963	19.946	ug/l	100
3) Chloromethane	2.303	50	87609	20.080	ug/l	99
4) Vinyl Chloride	2.443	62	139836	20.222	ug/l	99
5) Bromomethane	2.858	94	138396	20.149	ug/l	95
6) Chloroethane	3.017	64	98709	19.999	ug/l	97
7) Trichlorofluoromethane	3.376	101	167365	19.635	ug/l	100
8) Diethyl Ether	3.827	74	52334	19.466	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.215	101	91324	18.809	ug/l	99
10) 1,1-Dichloroethene	4.183	96	86538	19.177	ug/l	97
11) Methyl Iodide	4.425	142	126592	18.067	ug/l	99
12) Methyl Acetate	4.856	43	92667	19.746	ug/l	96
13) Acrolein	4.049	56	28116	74.482	ug/l	98
14) Acrylonitrile	5.556	53	197013	96.860	ug/l	99
15) Acetone	4.291	58	50339	90.814	ug/l	97
16) Carbon Disulfide	4.535	76	216120	18.558	ug/l	100
17) Allyl chloride	4.846	41	109888	19.502	ug/l	97
18) Methylene Chloride	5.098	84	103090	19.084	ug/l	98
19) trans-1,2-Dichloroethene	5.599	96	96731	19.131	ug/l	97
20) Diisopropyl ether	6.498	45	251501	20.123	ug/l	97
21) 1,1-Dichloroethane	6.393	63	161674	19.463	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	116292	19.129	ug/l	97
23) tert-Butyl Alcohol	5.366	59	76984m	93.658	ug/l	
24) Methyl tert-Butyl Ether	5.618	73	299629	19.500	ug/l	100
25) Chloroform	7.820	83	193205	19.435	ug/l	99
26) Cyclohexane	8.099	56	133760	19.047	ug/l #	97
29) 1,1-Dichloropropene	8.225	75	132254	19.100	ug/l	98
30) 2-Butanone	7.337	43	248015	93.846	ug/l #	69
31) 2,2-Dichloropropane	7.327	77	139529	17.510	ug/l	97
32) 1,1,1-Trichloroethane	8.021	97	182333	19.391	ug/l	99
33) Carbon Tetrachloride	8.209	117	170846	19.438	ug/l	99
34) Benzene	8.464	78	411167	19.473	ug/l	97
35) Methacrylonitrile	7.640	41	50481	19.806	ug/l	98
36) 1,2-Dichloroethane	8.533	62	139405	19.609	ug/l	99
37) Trichloroethene	9.217	130	126679	18.723	ug/l	99
38) Methylcyclohexane	9.461	83	165272	18.569	ug/l	99
39) 1,2-Dichloropropane	9.494	63	96232	19.364	ug/l	95
40) Dibromomethane	9.579	93	77504	18.982	ug/l	97
41) Bromodichloromethane	9.764	83	150653	19.092	ug/l	97
42) Vinyl Acetate	6.436	43	940701	96.609	ug/l	99

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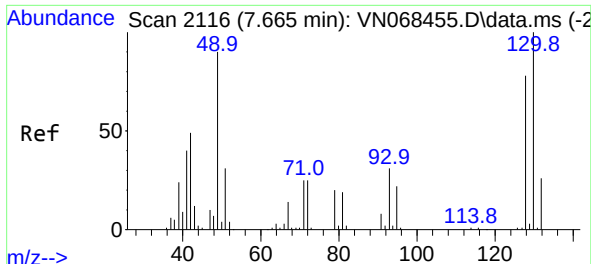
Manual Integrations
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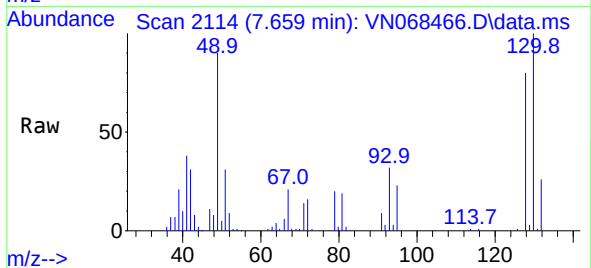
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	112191m	20.127	ug/l	
44) Isopropyl Acetate	8.563	43	185790	19.472	ug/l	99
45) 1,4-Dioxane	9.569	88	37513	388.827	ug/l	96
46) Methyl methacrylate	9.561	41	72959	18.905	ug/l	98
47) n-amyl Acetate	12.393	43	127075	18.968	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	149357	18.695	ug/l	97
49) cis-1,3-Dichloropropene	10.191	75	162335	18.906	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	112598	19.083	ug/l	97
51) Ethyl methacrylate	10.765	69	141392	18.664	ug/l	95
52) 1,3-Dichloropropane	11.046	76	170935	19.480	ug/l	98
53) Dibromochloromethane	11.242	129	134278	18.507	ug/l	100
54) 1,2-Dibromoethane	11.350	107	118684	18.755	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	94516	73.700	ug/l	98
56) Bromoform	12.460	173	101598	17.434	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	551861	99.402	ug/l	99
59) 2-Hexanone	11.087	43	382044	99.290	ug/l	100
61) Tetrachloroethene	10.979	164	128225	18.909	ug/l	98
62) Toluene	10.507	91	481843	19.412	ug/l	100
64) Chlorobenzene	11.773	112	313560	19.153	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.846	131	128391	19.216	ug/l	99
66) Ethyl Benzene	11.848	91	514773	19.082	ug/l	99
67) m/p-Xylenes	11.956	106	432930	38.933	ug/l	99
68) o-Xylene	12.286	106	212273	19.334	ug/l	99
69) Styrene	12.296	104	336429	19.325	ug/l	99
70) Isopropylbenzene	12.581	105	534969	19.191	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	150248	19.801	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	120314m	19.047	ug/l	
73) Bromobenzene	12.862	156	147616	18.654	ug/l	97
74) n-propylbenzene	12.924	91	566587	18.847	ug/l	100
75) 2-Chlorotoluene	13.010	91	354011	19.567	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	453060	19.466	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	36505	17.513	ug/l	95
78) 4-Chlorotoluene	13.106	91	337997	19.467	ug/l	100
79) tert-butylbenzene	13.326	119	421976	19.735	ug/l	98
80) 1,2,4-Trimethylbenzene	13.372	105	441351m	19.601	ug/l	
81) sec-Butylbenzene	13.503	105	543544	19.232	ug/l	100
82) p-Isopropyltoluene	13.618	119	450114	18.568	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	259207	18.845	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	252522	19.164	ug/l	98
85) n-Butylbenzene	13.946	91	303990	17.630	ug/l	100
86) Hexachloroethane	14.214	117	82358	18.495	ug/l	98
87) 1,2-Dichlorobenzene	13.991	146	263311	19.921	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	26482	20.640	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	105897	16.582	ug/l	98
90) Hexachlorobutadiene	15.372	225	69467	17.199	ug/l	99
91) Naphthalene	15.509	128	268052	19.457	ug/l	99
92) 1,2,3-Trichlorobenzene	15.705	180	102151	16.985	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

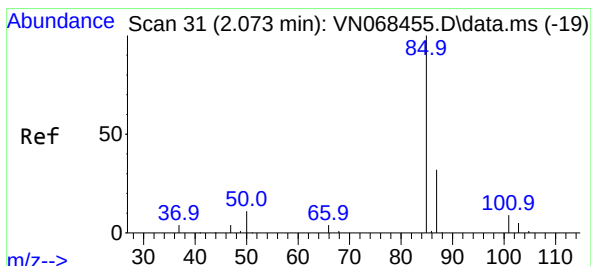
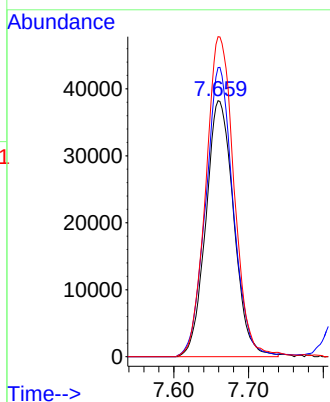
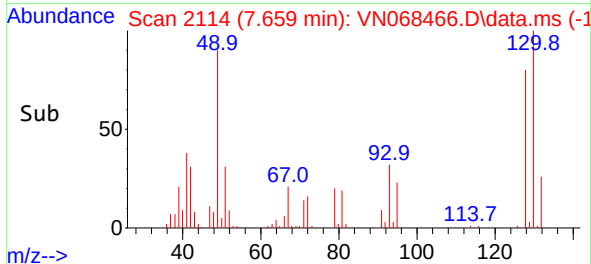
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



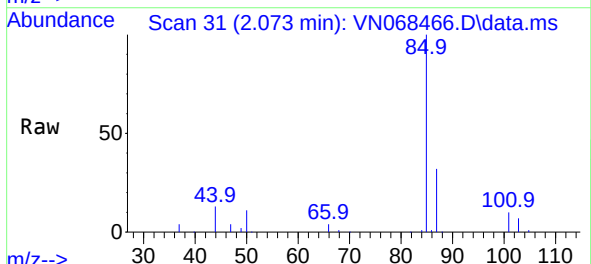
Tgt Ion:128 Resp: 99024
Ion Ratio Lower Upper
128 100
49 111.7 0.0 292.5
130 126.0 0.0 325.0

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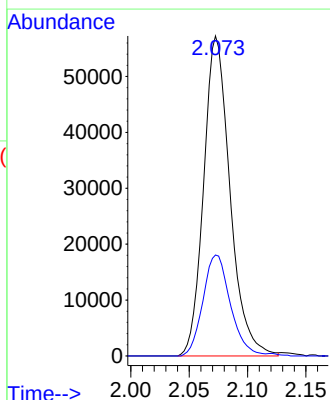
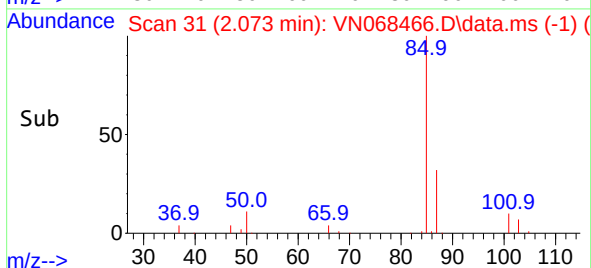
Reviewed By :John Carlone 09/14/2021
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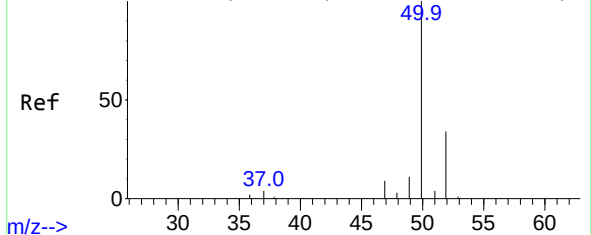
#2
Dichlorodifluoromethane
Concen: 19.946 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



Tgt Ion: 85 Resp: 89963
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.3



Abundance Scan 117 (2.303 min): VN068455.D\data.ms (-10)



#3

Chloromethane

Concen: 20.080 ug/l

RT: 2.303 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN068466.D

Acq: 13 Sep 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 87609

Ion Ratio Lower Upper

50 100

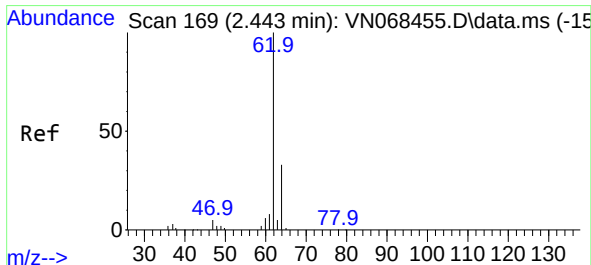
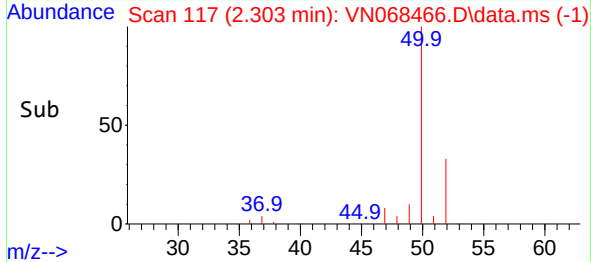
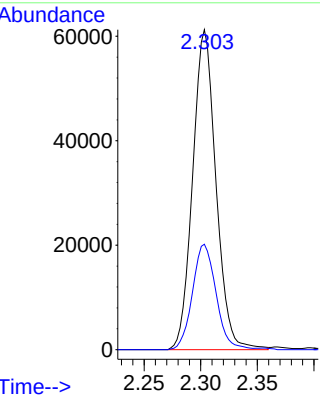
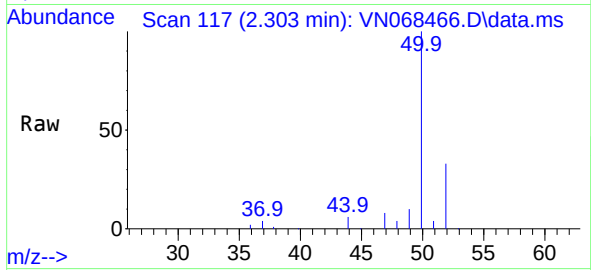
52 32.9 27.0 40.4

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#4

Vinyl Chloride

Concen: 20.222 ug/l

RT: 2.443 min Scan# 169

Delta R.T. -0.000 min

Lab File: VN068466.D

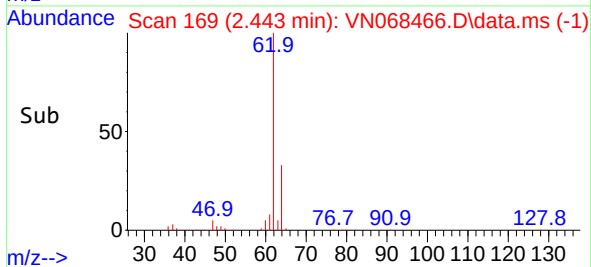
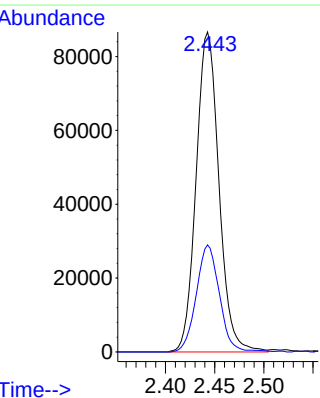
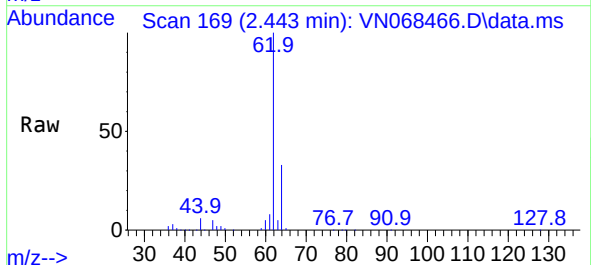
Acq: 13 Sep 2021 19:59

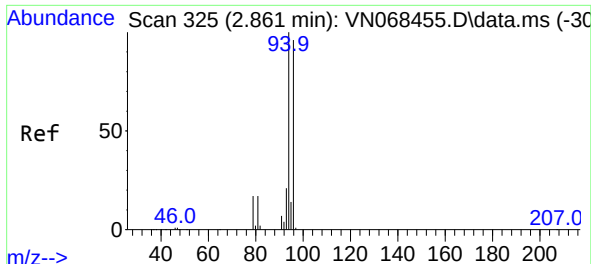
Tgt Ion: 62 Resp: 139836

Ion Ratio Lower Upper

62 100

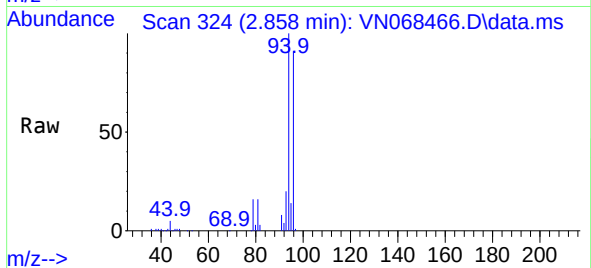
64 33.4 26.1 39.1





#5
Bromomethane
Concen: 20.149 ug/l
RT: 2.858 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

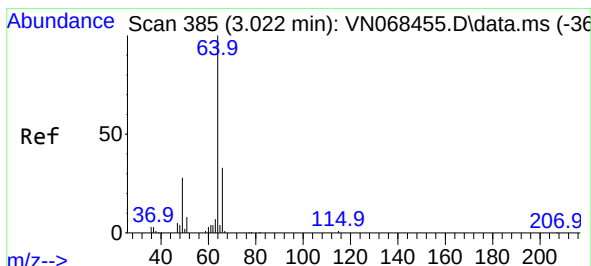
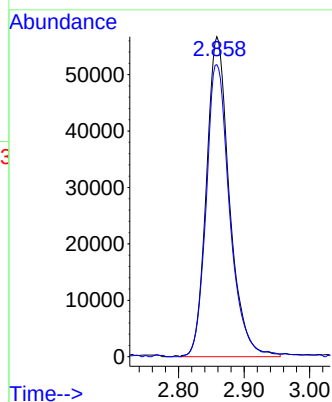
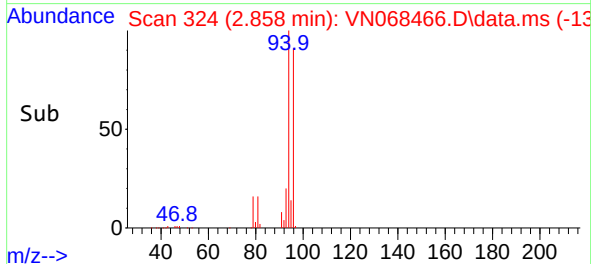
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 138390
Ion Ratio Lower Upper
94 100
96 91.3 77.0 115.4

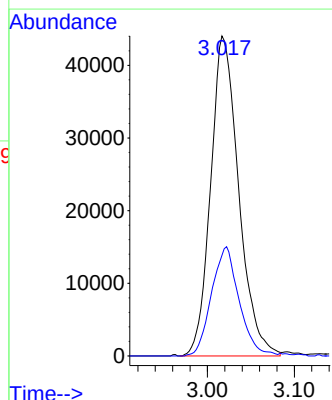
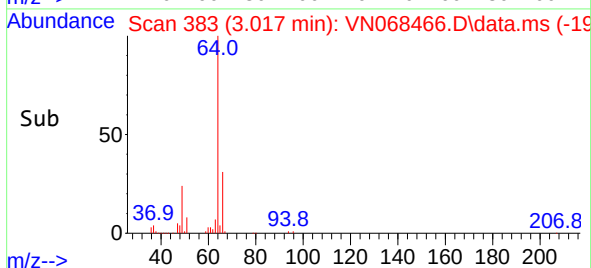
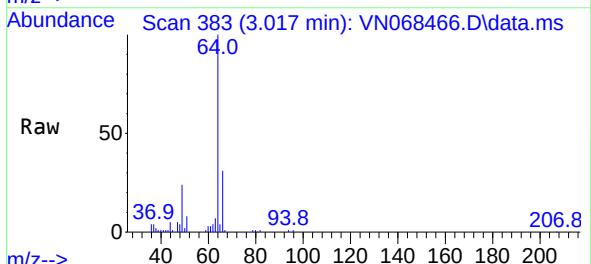
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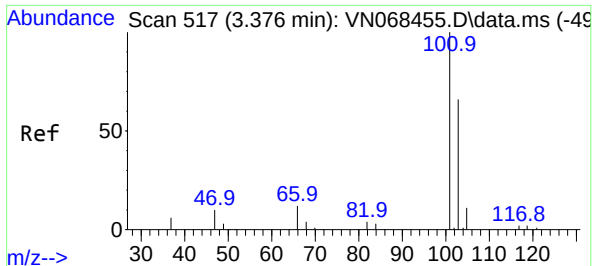
Reviewed By :John Carlone 09/14/2021
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#6
Chloroethane
Concen: 19.999 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN068466.D
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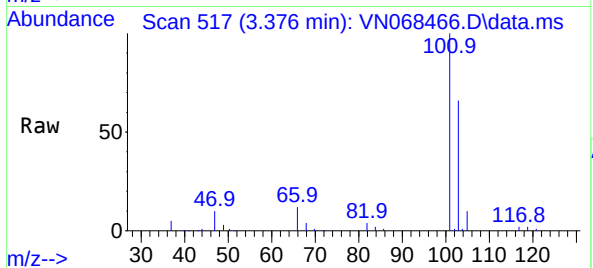
Tgt Ion: 64 Resp: 98709
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.635 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

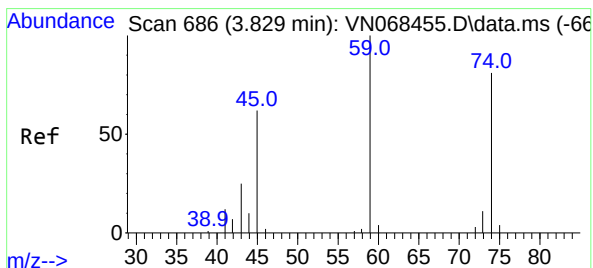
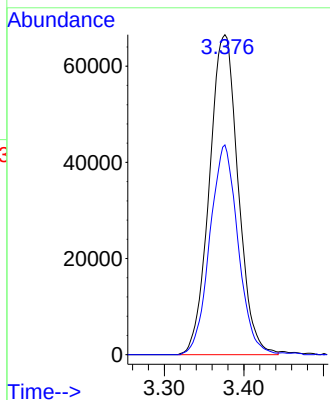
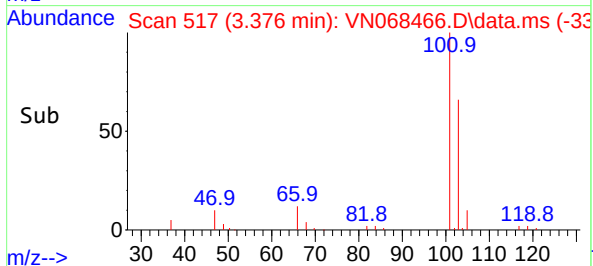
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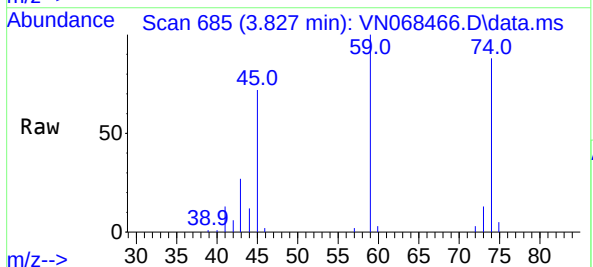
Tgt Ion:101 Resp: 16736
Ion Ratio Lower Upper
101 100
103 65.6 52.4 78.6

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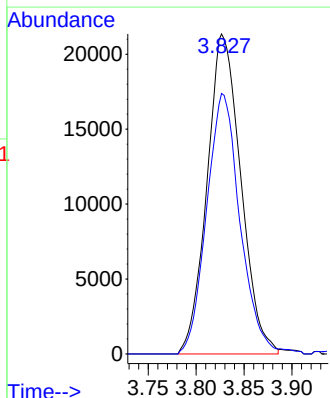
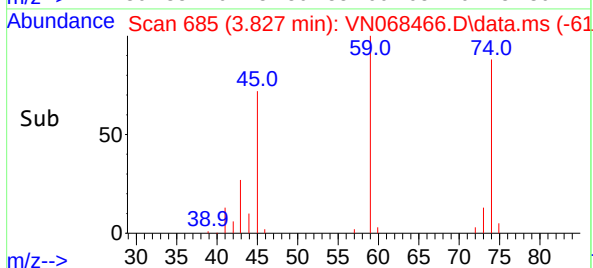
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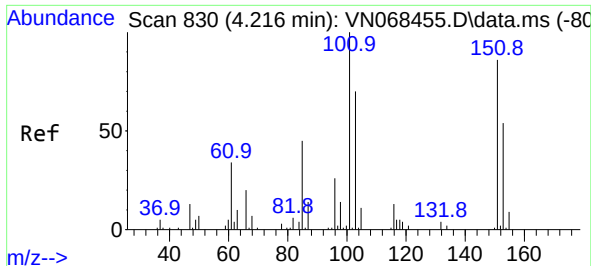


#8
Diethyl Ether
Concen: 19.466 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



Tgt Ion: 74 Resp: 52334
Ion Ratio Lower Upper
74 100
45 79.9 16.2 146.0





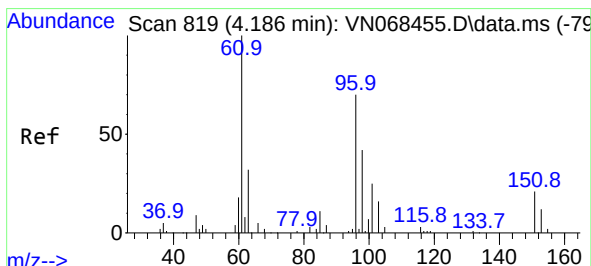
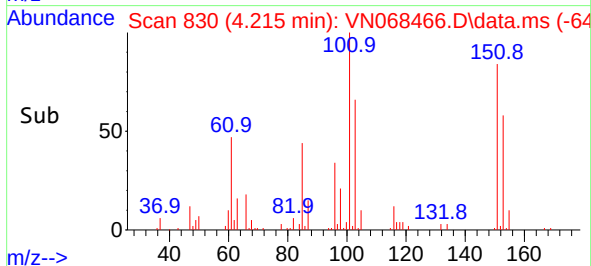
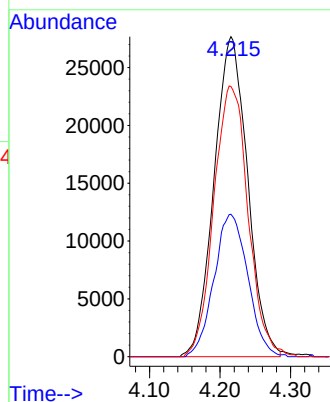
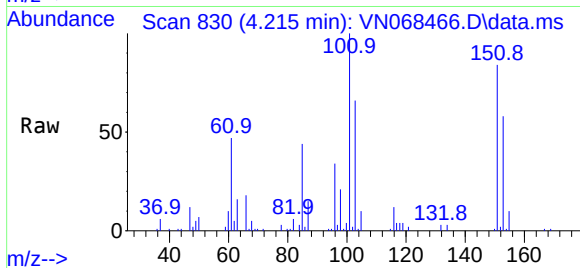
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.809 ug/l
RT: 4.215 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 91324
Ion Ratio Lower Upper
101 100
85 44.9 0.0 89.2
151 86.5 0.0 176.4

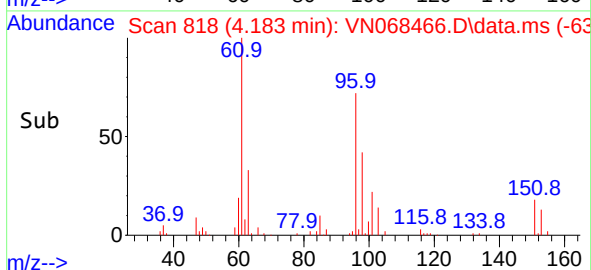
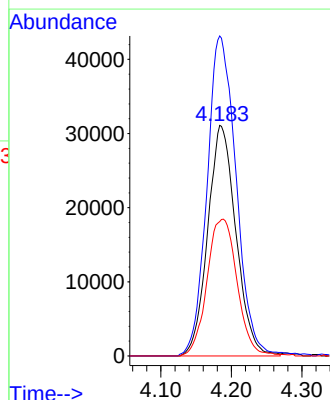
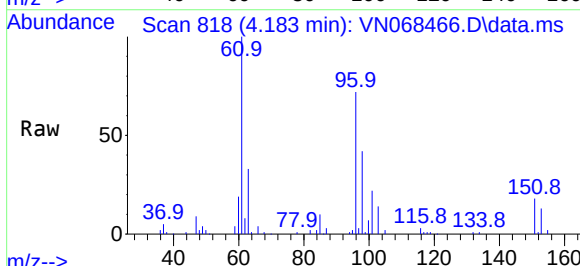
Manual Integrations
APPROVED

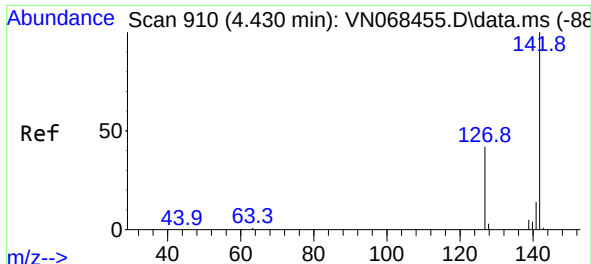
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#10
1,1-Dichloroethene
Concen: 19.177 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Tgt Ion: 96 Resp: 86538
Ion Ratio Lower Upper
96 100
61 138.1 114.1 171.1
98 58.3 48.3 72.5





#11

Methyl Iodide

Concen: 18.067 ug/l

RT: 4.425 min Scan# 90

Delta R.T. -0.005 min

Lab File: VN068466.D

Acq: 13 Sep 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

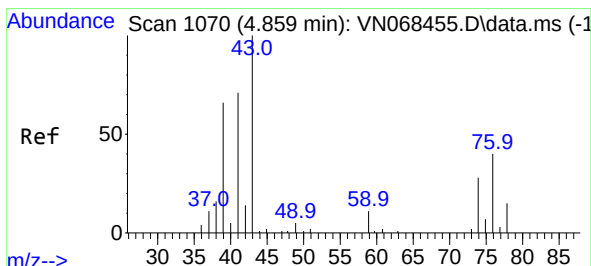
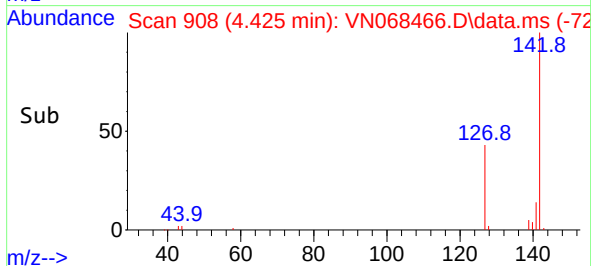
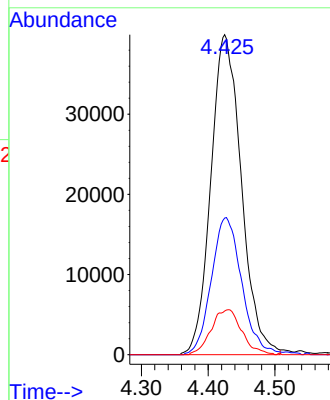
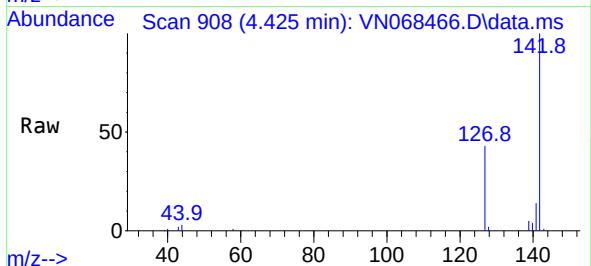
VSTDCCC020EC

Tgt Ion:142 Resp: 126592
 Ion Ratio Lower Upper
 142 100
 127 42.6 20.9 62.8
 141 13.6 6.8 20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#12

Methyl Acetate

Concen: 19.746 ug/l

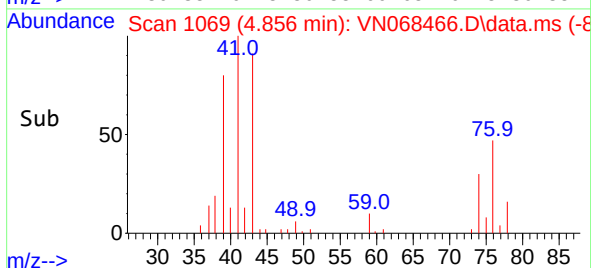
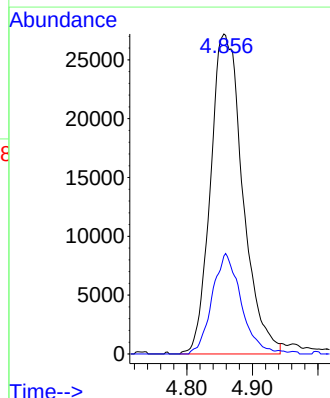
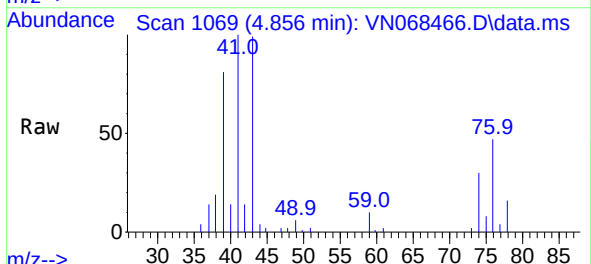
RT: 4.856 min Scan# 1069

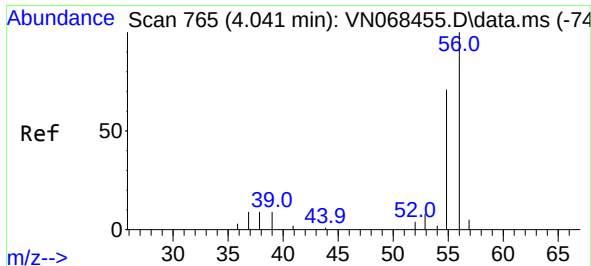
Delta R.T. -0.003 min

Lab File: VN068466.D

Acq: 13 Sep 2021 19:59

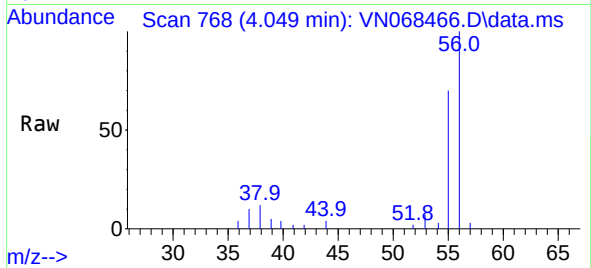
Tgt Ion: 43 Resp: 92667
 Ion Ratio Lower Upper
 43 100
 74 30.6 22.6 34.0





#13
Acrolein
Concen: 74.482 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

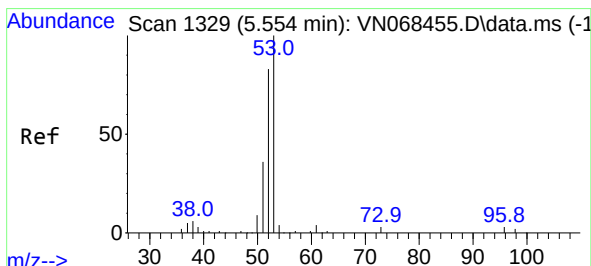
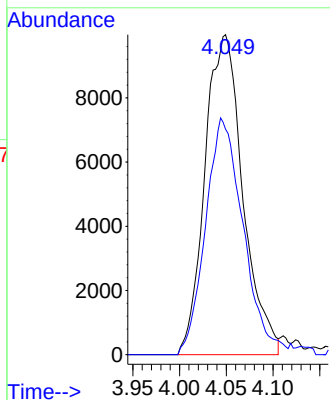
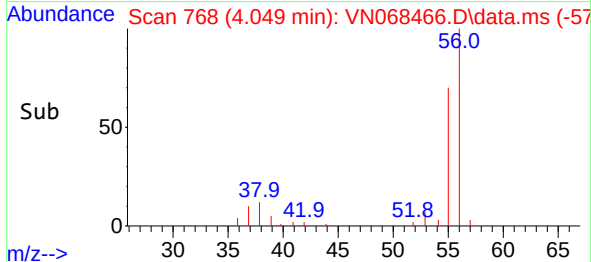
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



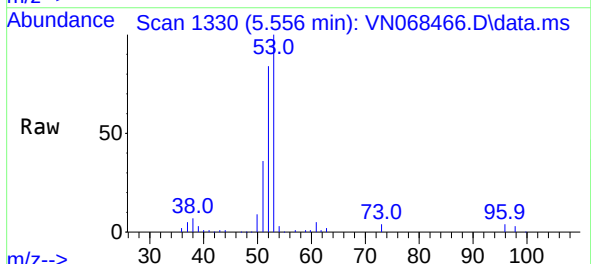
Tgt Ion: 56 Resp: 28110
Ion Ratio Lower Upper
56 100
55 73.4 57.2 85.8

Manual Integrations
APPROVED

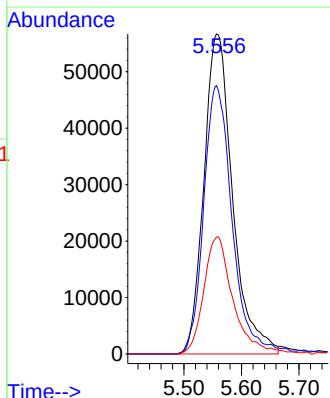
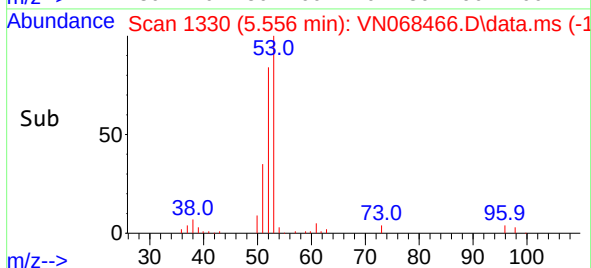
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

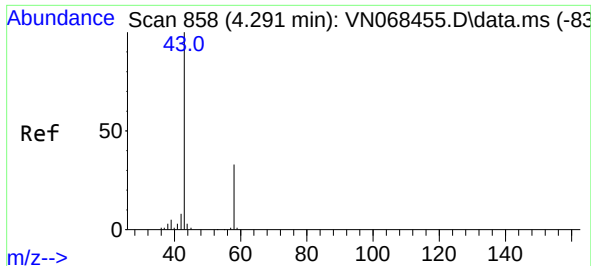


#14
Acrylonitrile
Concen: 96.860 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



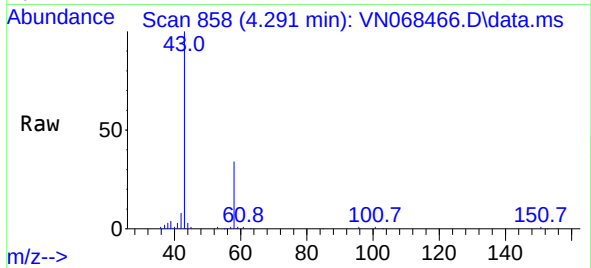
Tgt Ion: 53 Resp: 197013
Ion Ratio Lower Upper
53 100
52 81.6 41.5 124.5
51 35.3 17.9 53.7





#15
Acetone
Concen: 90.814 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

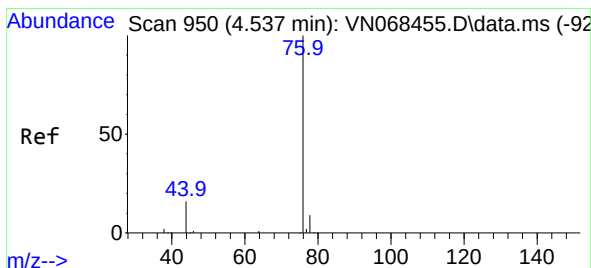
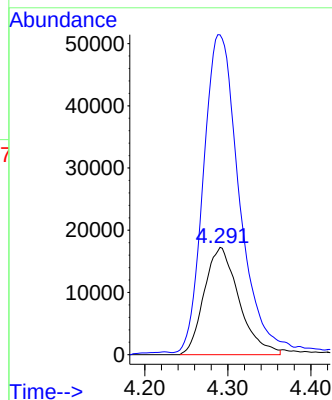
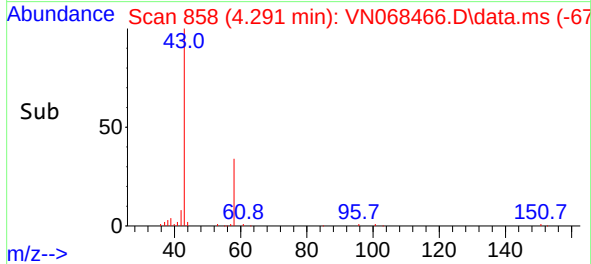
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 50339
Ion Ratio Lower Upper
58 100
43 293.7 239.9 359.9

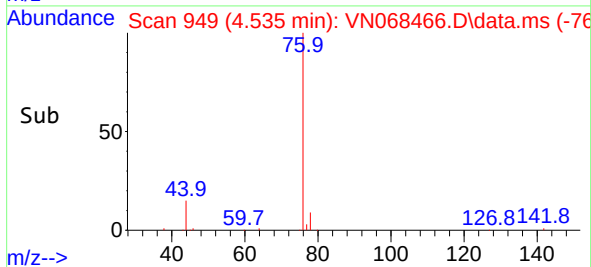
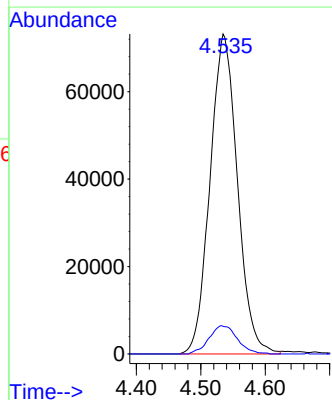
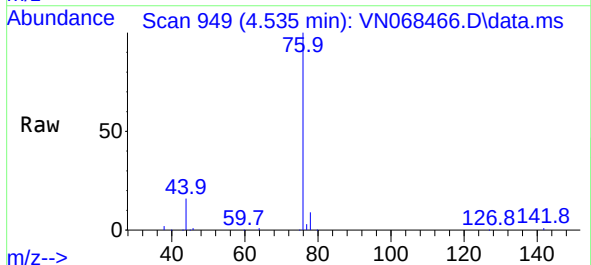
Manual Integrations
APPROVED

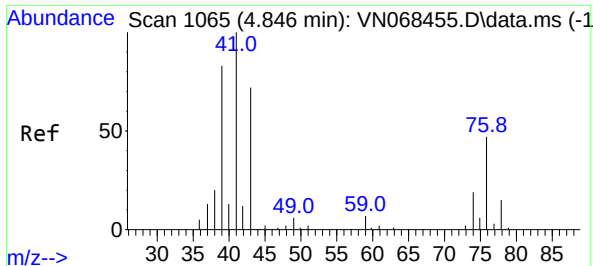
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#16
Carbon Disulfide
Concen: 18.558 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

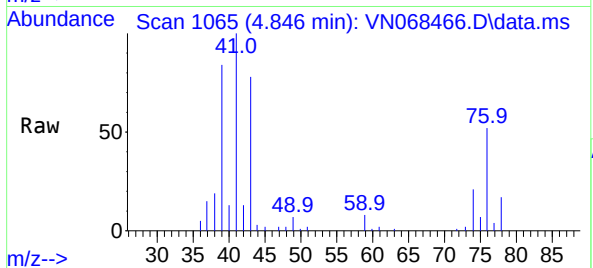
Tgt Ion: 76 Resp: 216120
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3





#17
Allyl chloride
Concen: 19.502 ug/l
RT: 4.846 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

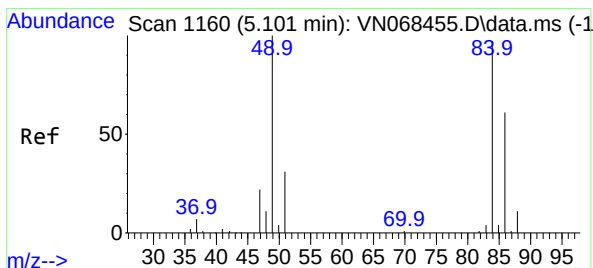
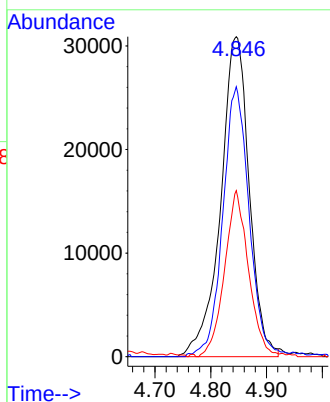
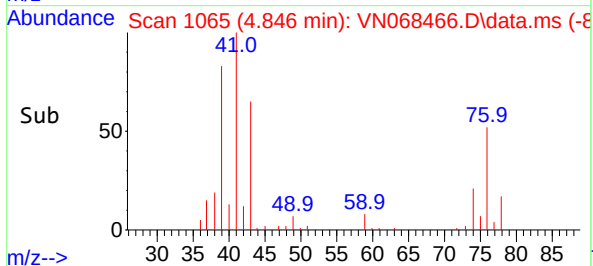
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 109888
Ion Ratio Lower Upper
41 100
39 84.3 41.5 124.5
76 51.3 23.6 71.0

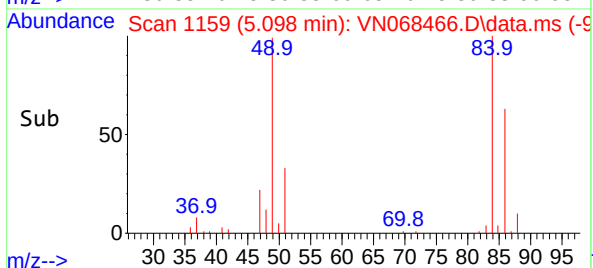
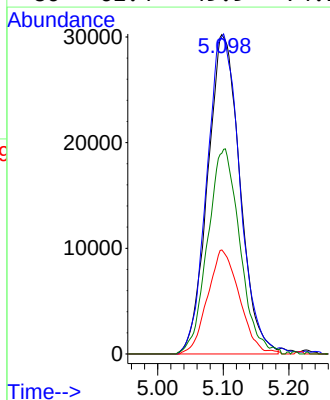
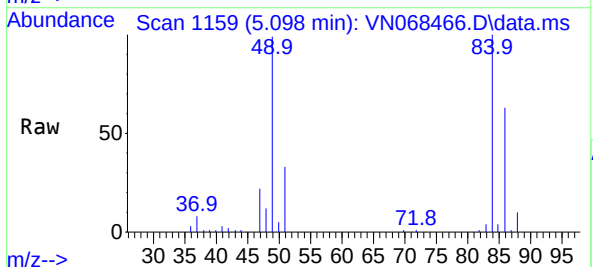
Manual Integrations
APPROVED

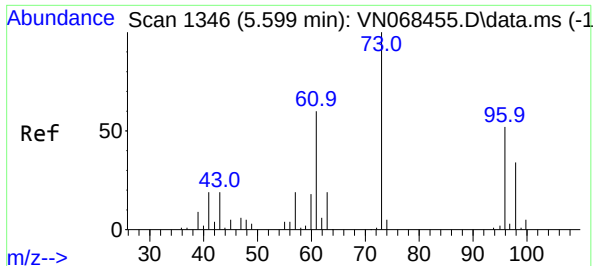
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#18
Methylene Chloride
Concen: 19.084 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

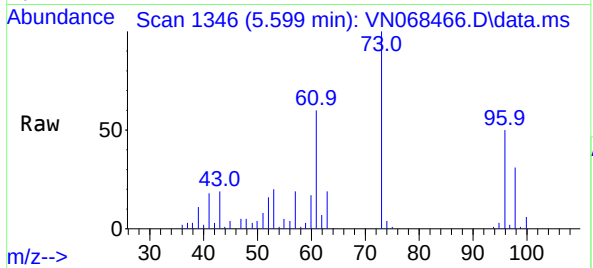
Tgt Ion: 84 Resp: 103090
Ion Ratio Lower Upper
84 100
49 99.3 82.4 123.6
51 32.6 25.9 38.9
86 62.4 49.9 74.9





#19
trans-1,2-Dichloroethene
Concen: 19.131 ug/l
RT: 5.599 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

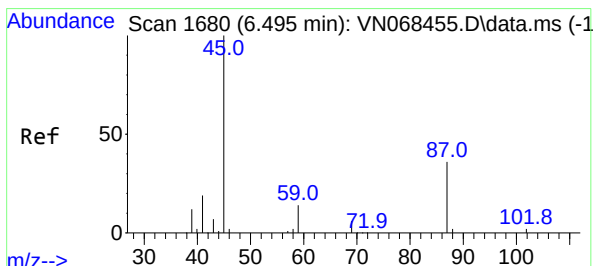
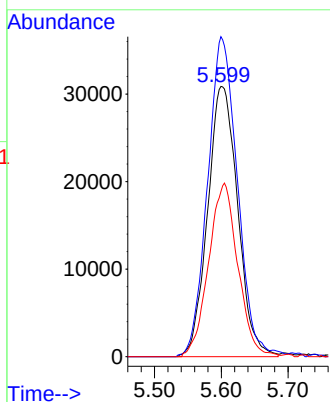
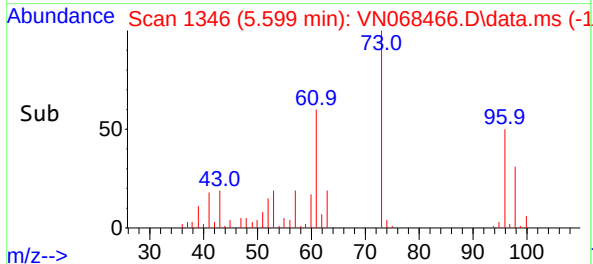
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



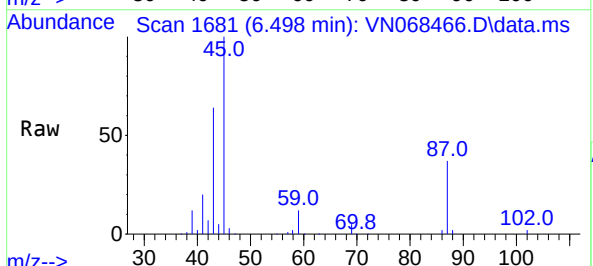
Tgt Ion: 96 Resp: 9673
Ion Ratio Lower Upper
96 100
61 117.8 92.5 138.7
98 61.1 51.7 77.5

Manual Integrations
APPROVED

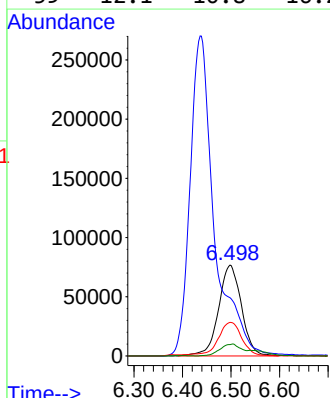
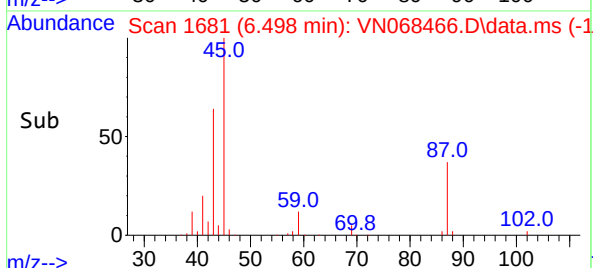
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

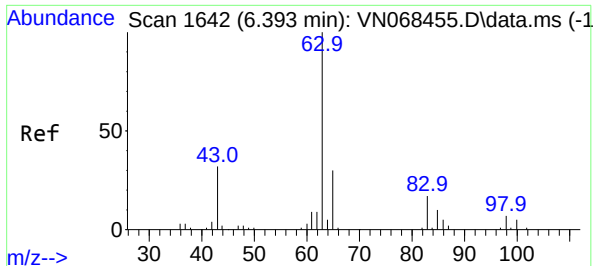


#20
Diisopropyl ether
Concen: 20.123 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



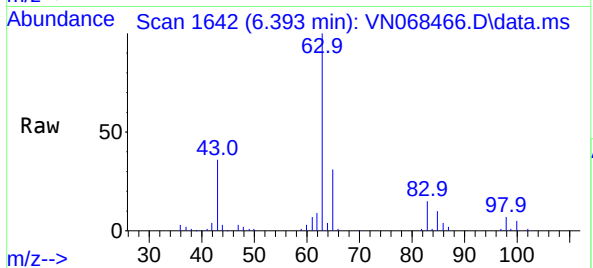
Tgt Ion: 45 Resp: 251501
Ion Ratio Lower Upper
45 100
43 61.9 52.2 78.2
87 37.0 29.8 44.8
59 12.1 10.8 16.2





#21
1,1-Dichloroethane
Concen: 19.463 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

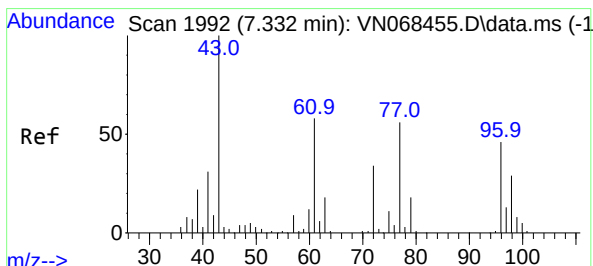
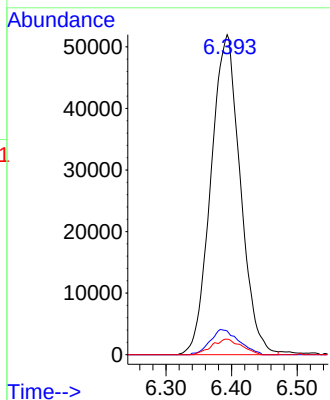
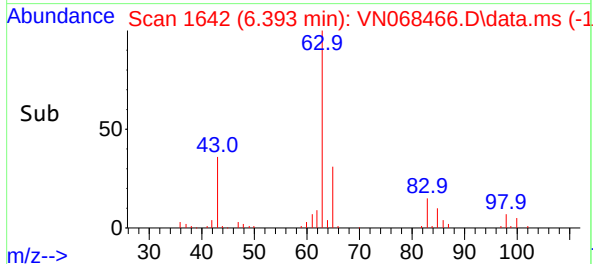
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



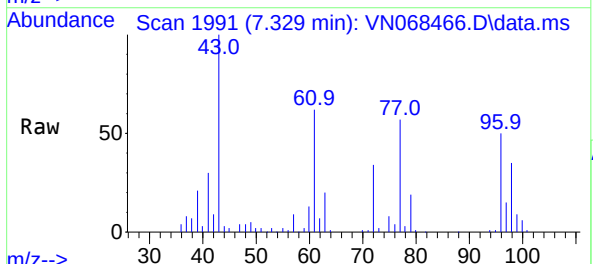
Tgt Ion: 63 Resp: 161674
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.4
100 4.9 2.5 7.5

Manual Integrations
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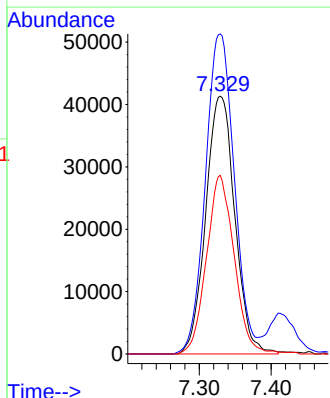
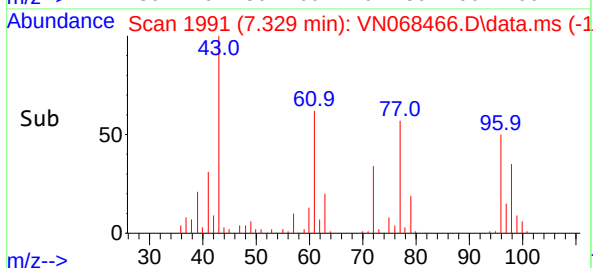
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

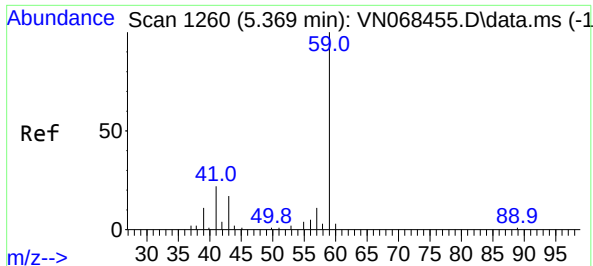


#22
cis-1,2-Dichloroethene
Concen: 19.129 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



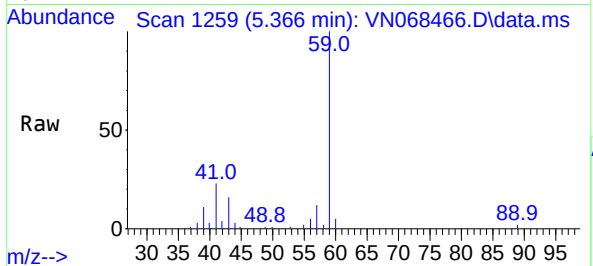
Tgt Ion: 96 Resp: 116292
Ion Ratio Lower Upper
96 100
61 122.8 102.3 153.5
98 65.6 52.3 78.5





#23
tert-Butyl Alcohol
Concen: 93.658 ug/l m
RT: 5.366 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

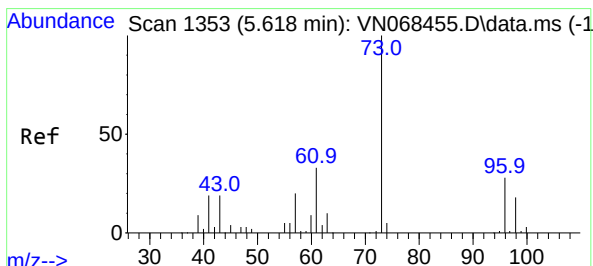
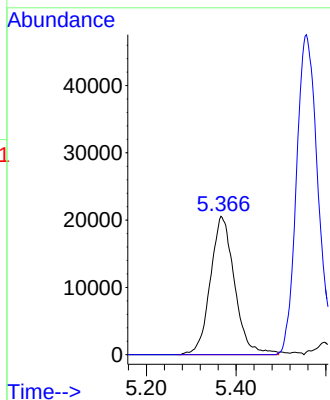
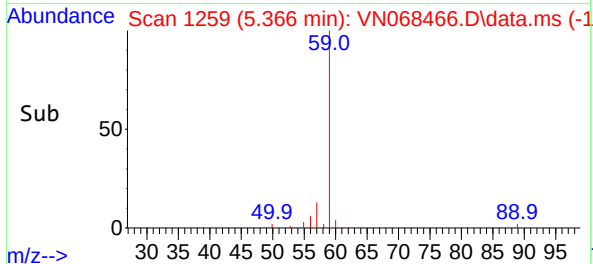
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 76984
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

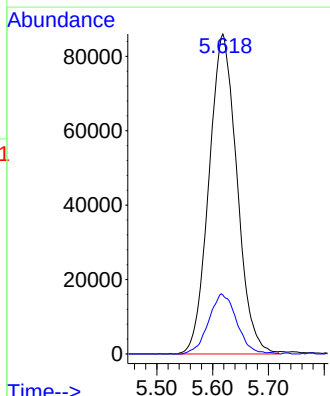
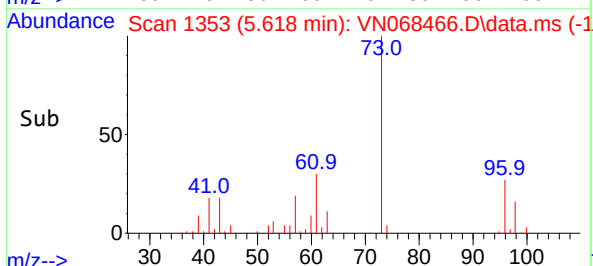
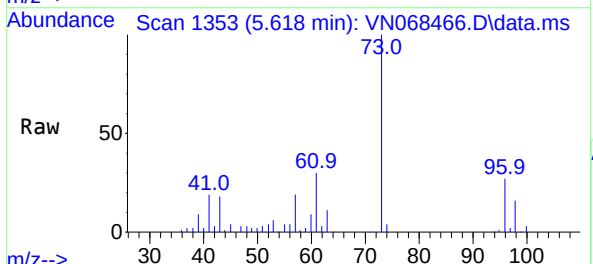
Manual Integrations
APPROVED

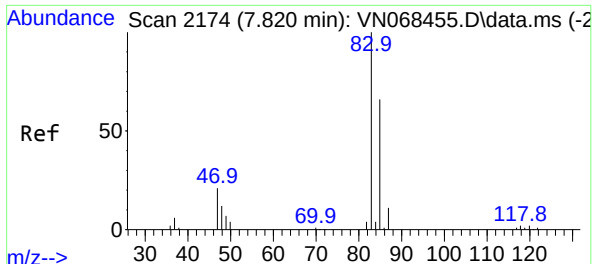
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#24
Methyl tert-Butyl Ether
Concen: 19.500 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

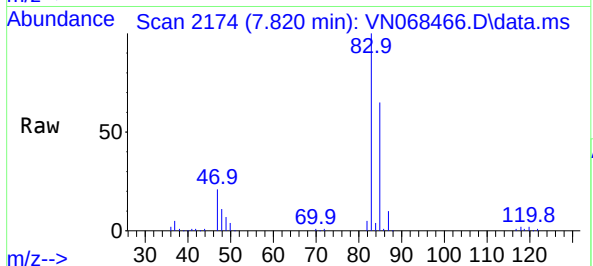
Tgt Ion: 73 Resp: 299629
Ion Ratio Lower Upper
73 100
43 18.7 14.9 22.3





#25
Chloroform
Concen: 19.435 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

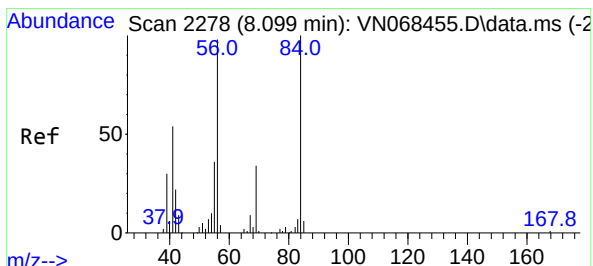
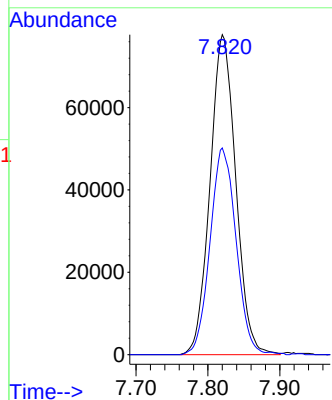
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



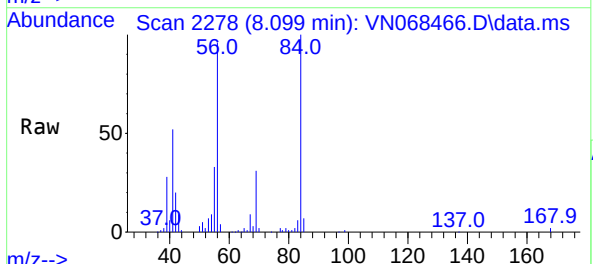
Tgt Ion: 83 Resp: 193209
Ion Ratio Lower Upper
83 100
85 64.6 52.6 78.8

Manual Integrations
APPROVED

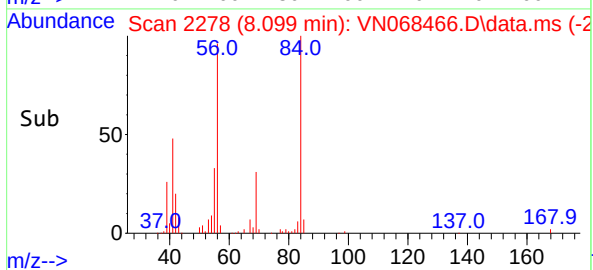
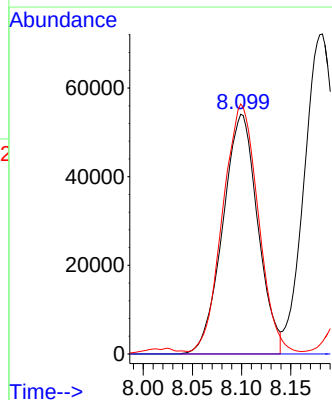
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

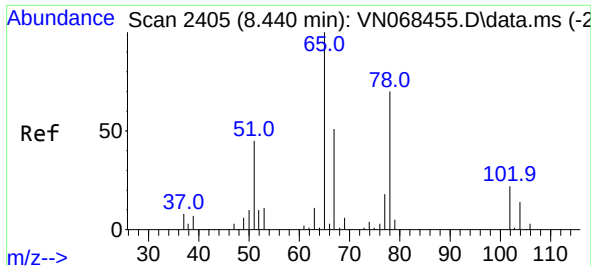


#26
Cyclohexane
Concen: 19.047 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



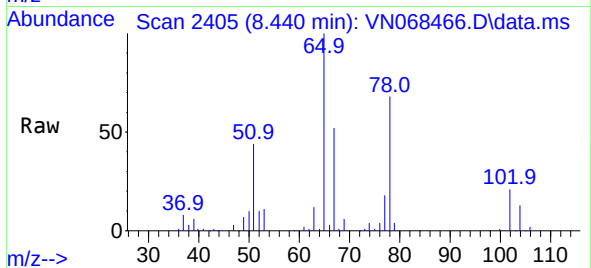
Tgt Ion: 56 Resp: 133760
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 106.9 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 30.656 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

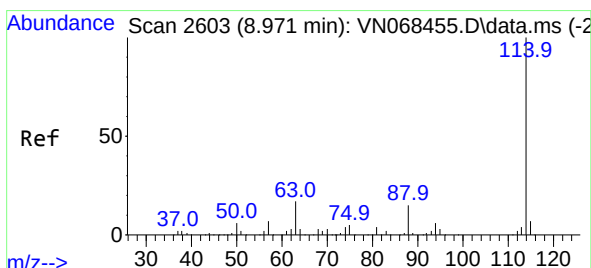
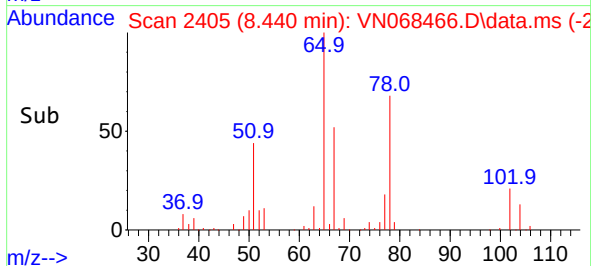
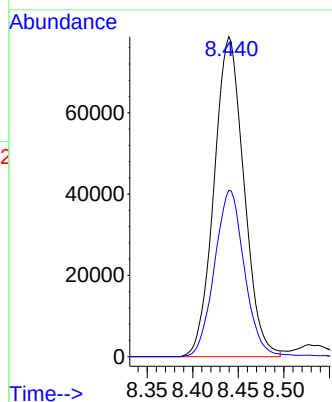
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 65 Resp: 179278
Ion Ratio Lower Upper
65 100
67 52.1 41.8 62.8

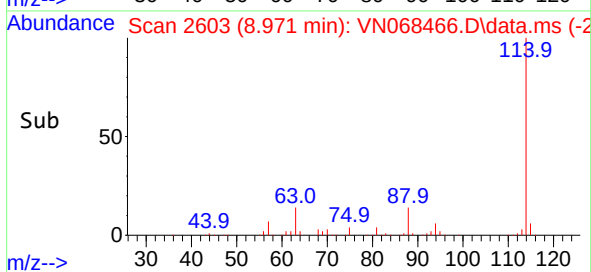
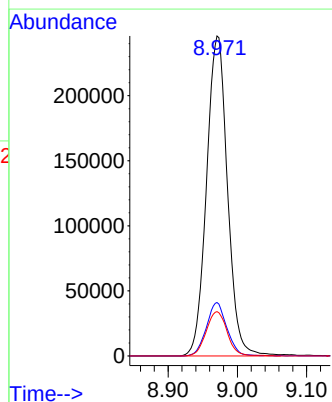
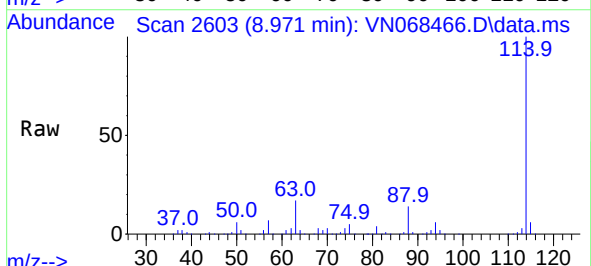
Manual Integrations
APPROVED

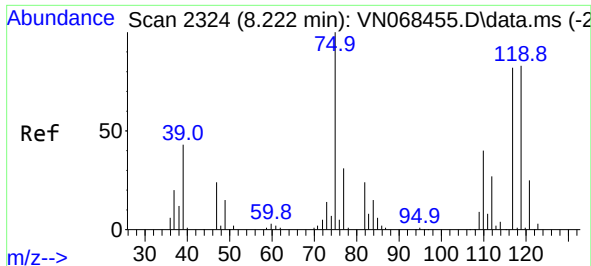
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Tgt Ion:114 Resp: 516616
Ion Ratio Lower Upper
114 100
63 16.3 13.4 20.0
88 13.8 11.1 16.7





#29

1,1-Dichloropropene

Concen: 19.100 ug/l

RT: 8.225 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN068466.D

Acq: 13 Sep 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 132254

Ion Ratio Lower Upper

75 100

110 41.7 0.0 82.2

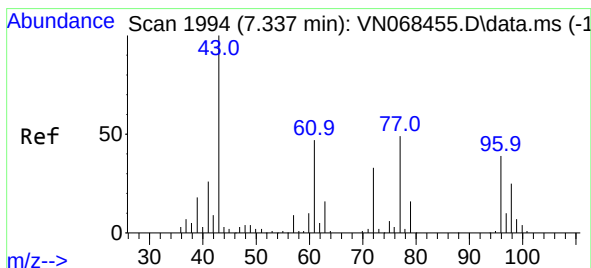
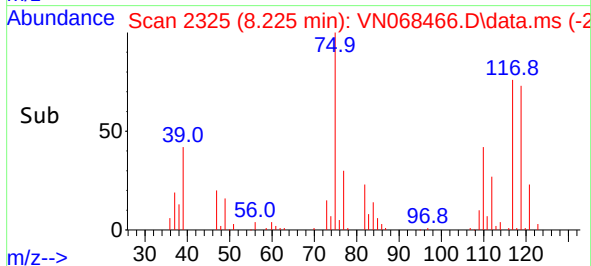
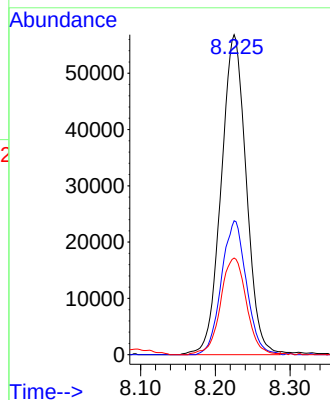
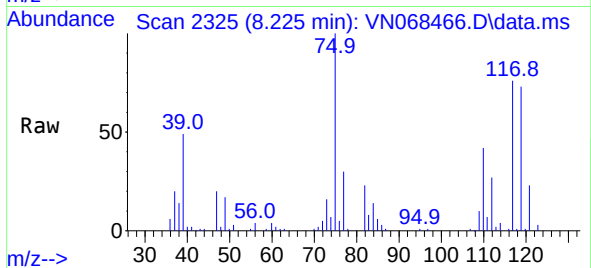
77 31.2 0.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#30

2-Butanone

Concen: 93.846 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN068466.D

Acq: 13 Sep 2021 19:59

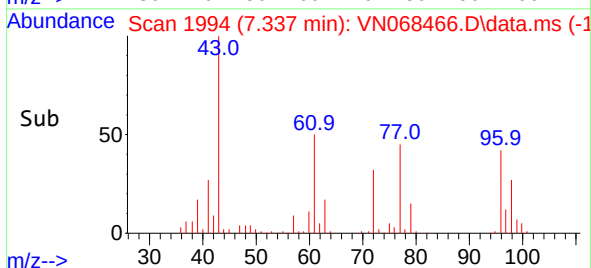
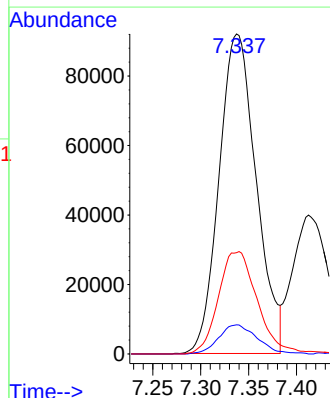
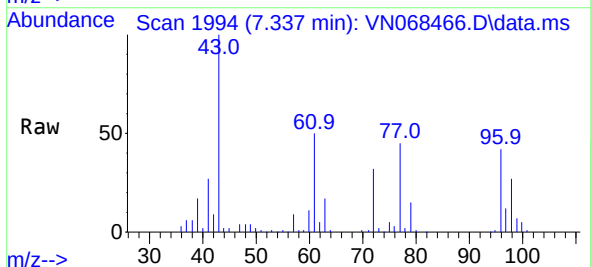
Tgt Ion: 43 Resp: 248015

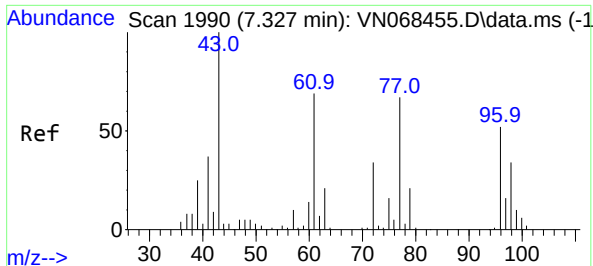
Ion Ratio Lower Upper

43 100

57 9.5 3.2 4.8#

72 14.4 26.6 39.8#





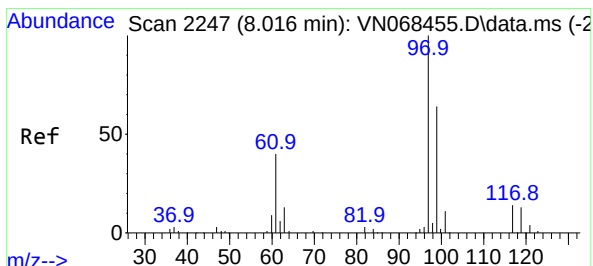
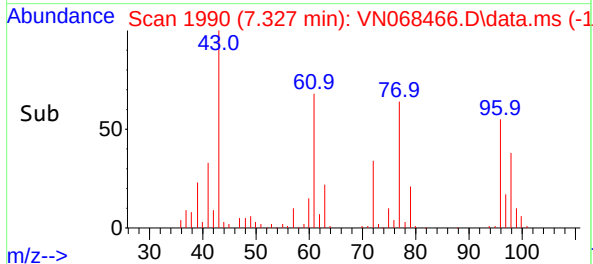
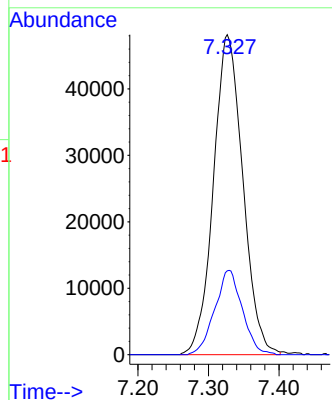
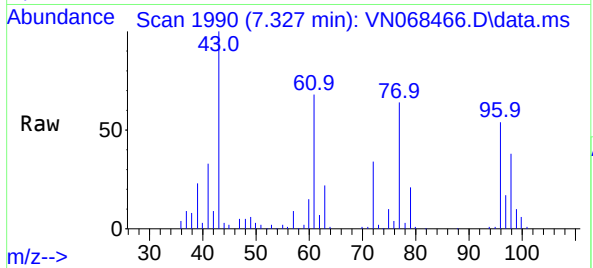
#31
2,2-Dichloropropane
Concen: 17.510 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 139529
Ion Ratio Lower Upper
77 100
97 24.7 18.6 28.0

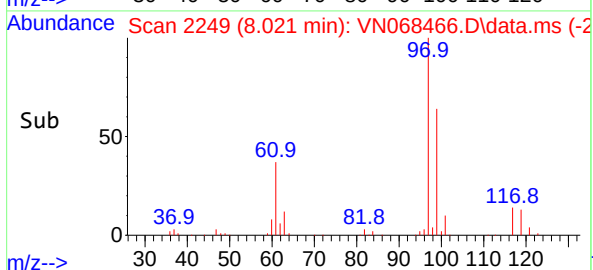
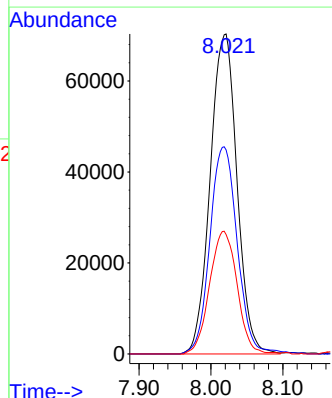
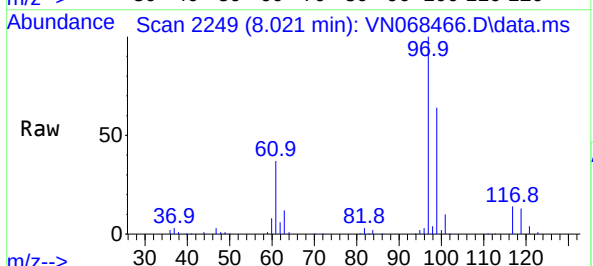
Manual Integrations
APPROVED

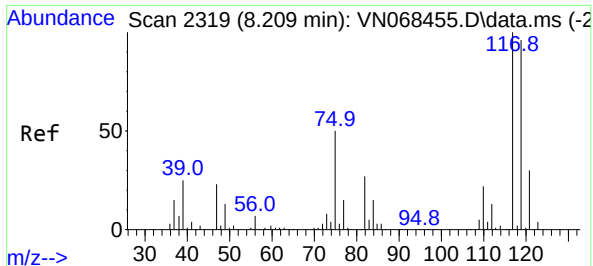
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#32
1,1,1-Trichloroethane
Concen: 19.391 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.005 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

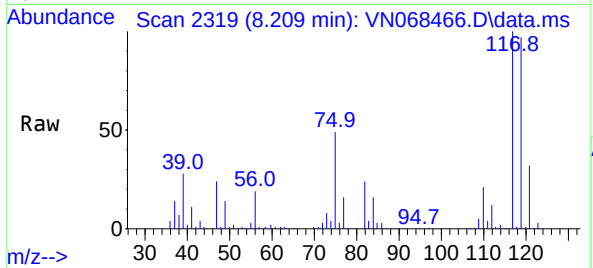
Tgt Ion: 97 Resp: 182333
Ion Ratio Lower Upper
97 100
99 66.0 51.4 77.2
61 39.2 31.4 47.0





#33
Carbon Tetrachloride
Concen: 19.438 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

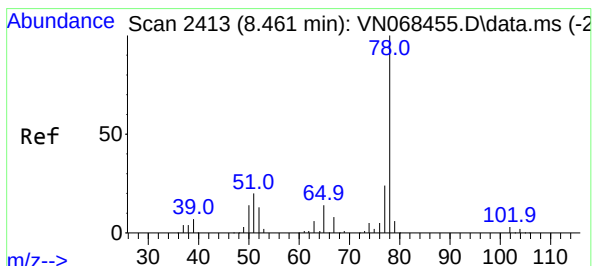
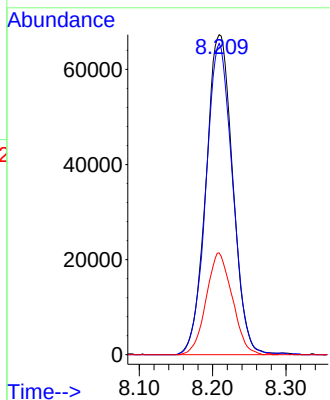
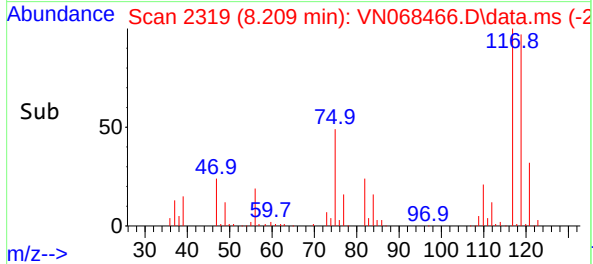
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



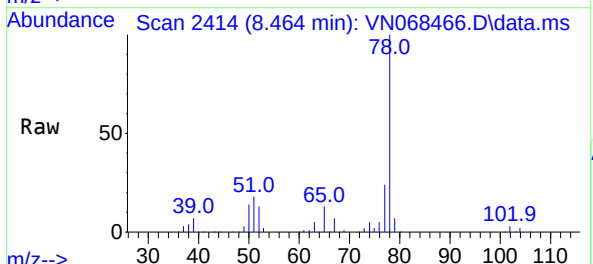
Tgt Ion:117 Resp: 170840
Ion Ratio Lower Upper
117 100
119 97.0 76.8 115.2
121 31.8 24.4 36.6

Manual Integrations
APPROVED

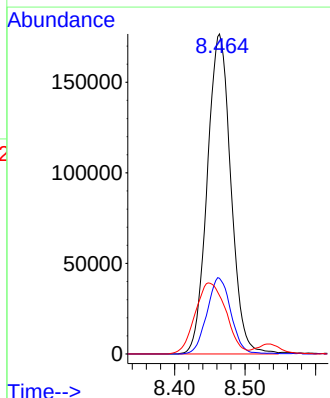
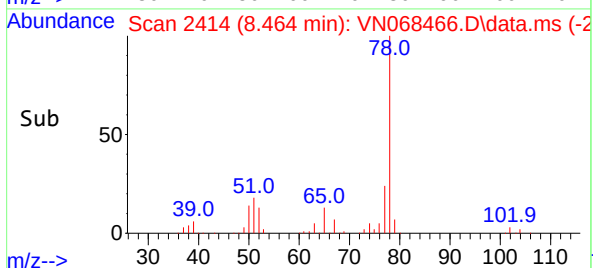
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

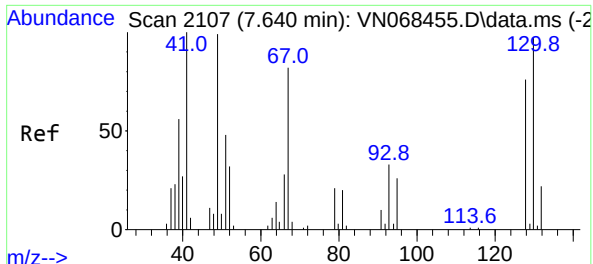


#34
Benzene
Concen: 19.473 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



Tgt Ion: 78 Resp: 411167
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8
51 17.4 15.8 23.6





#35
Methacrylonitrile
Concen: 19.806 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

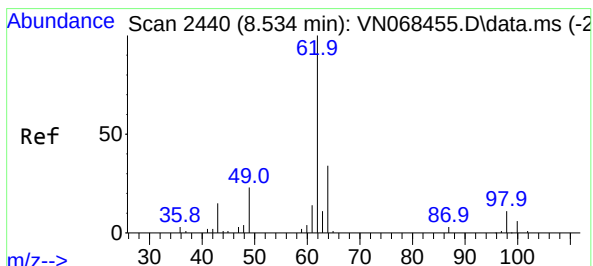
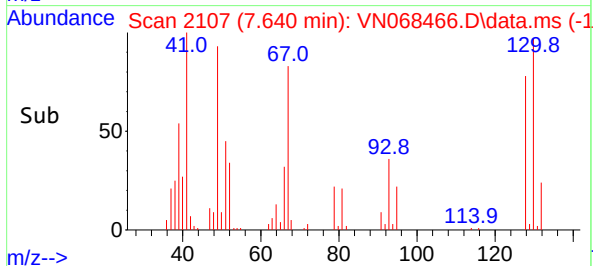
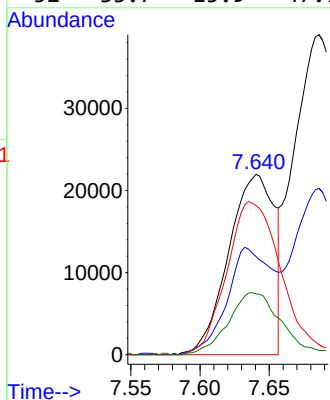
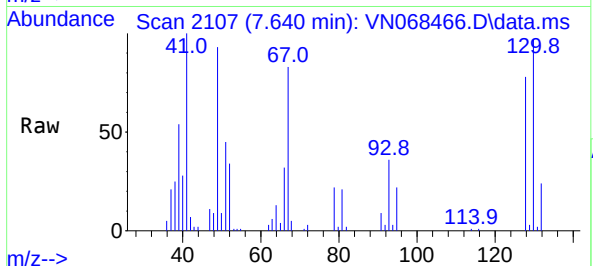
VSTDCCC020EC

Tgt Ion: 41 Resp: 5048
Ion Ratio Lower Upper
41 100
39 54.4 28.2 84.6
67 82.6 40.8 122.5
52 33.7 15.9 47.7

Manual Integrations

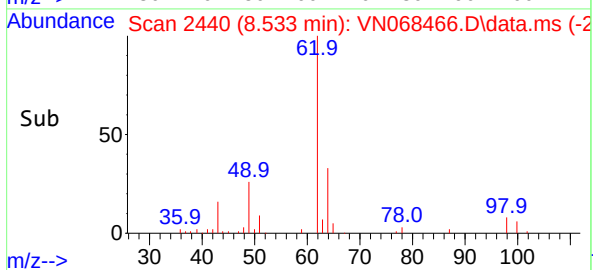
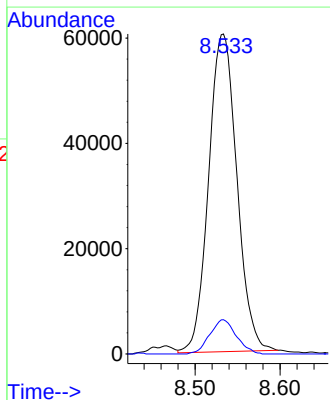
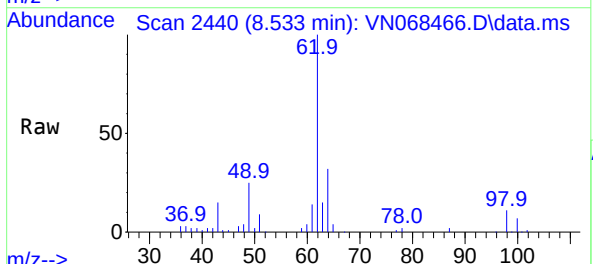
APPROVED

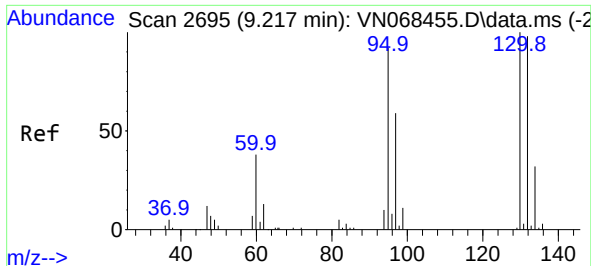
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#36
1,2-Dichloroethane
Concen: 19.609 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

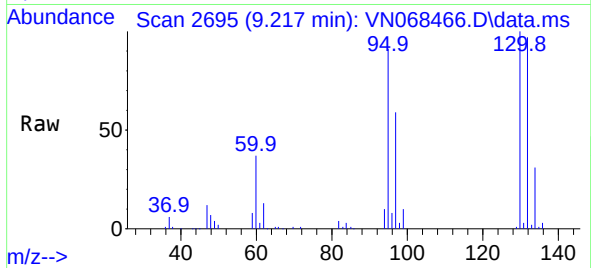
Tgt Ion: 62 Resp: 139405
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8





#37
Trichloroethene
Concen: 18.723 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

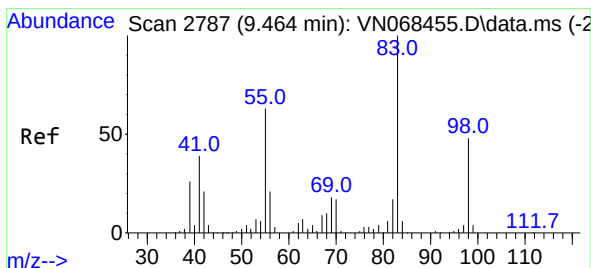
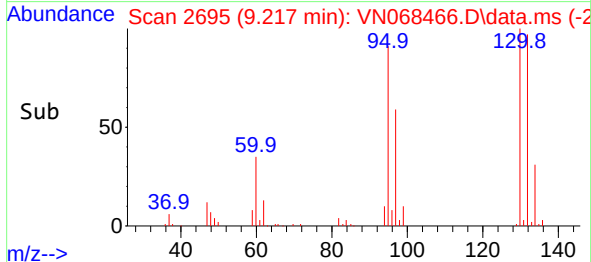
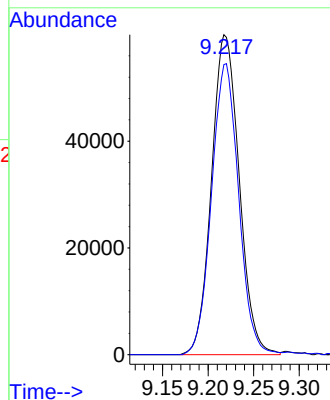
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 126679
Ion Ratio Lower Upper
130 100
95 90.6 73.4 110.0

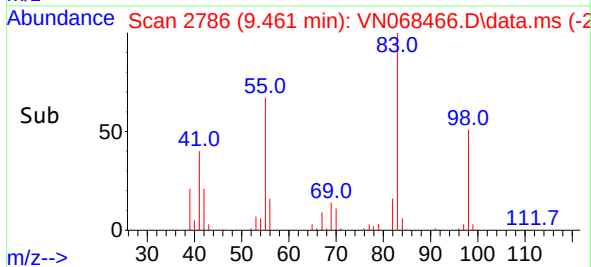
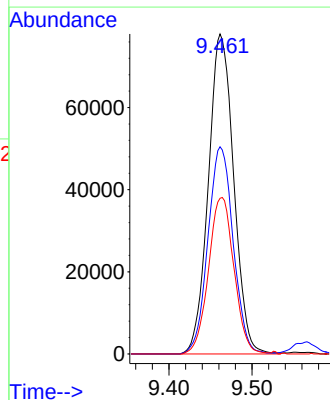
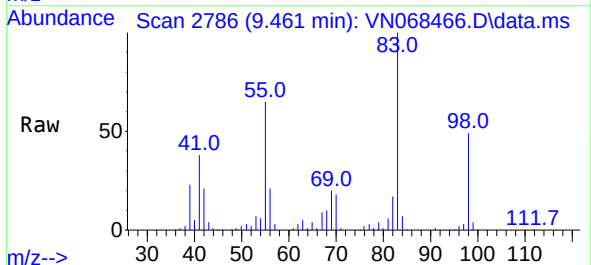
Manual Integrations
APPROVED

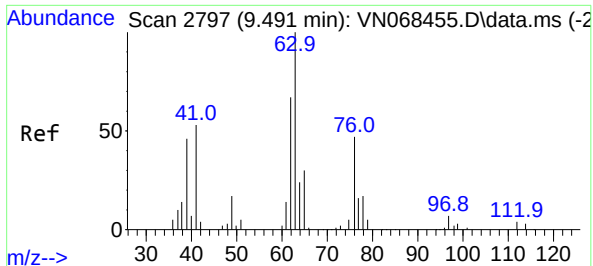
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#38
Methylcyclohexane
Concen: 18.569 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Tgt Ion: 83 Resp: 165272
Ion Ratio Lower Upper
83 100
55 64.5 32.1 96.3
98 49.1 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.364 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN068466.D

Acq: 13 Sep 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 9623

Ion Ratio Lower Upper

63 100

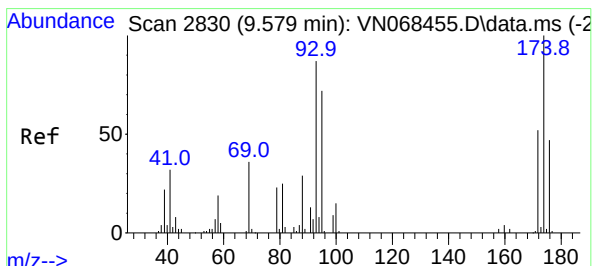
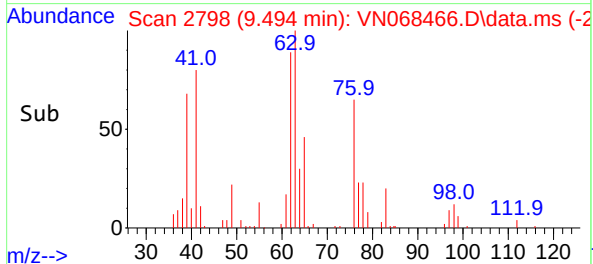
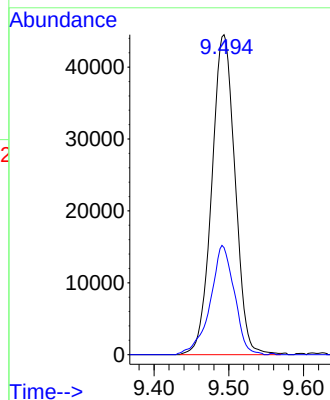
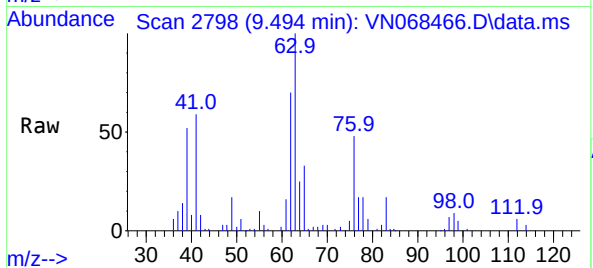
65 33.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#40

Dibromomethane

Concen: 18.982 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VN068466.D

Acq: 13 Sep 2021 19:59

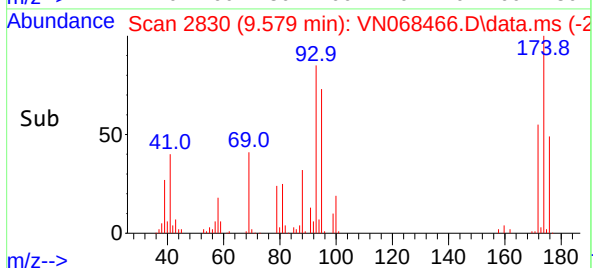
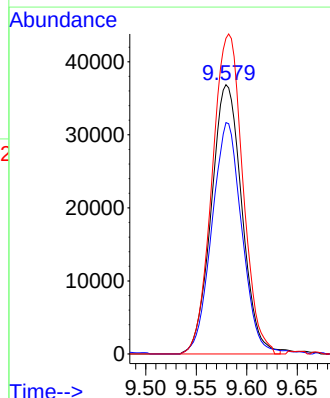
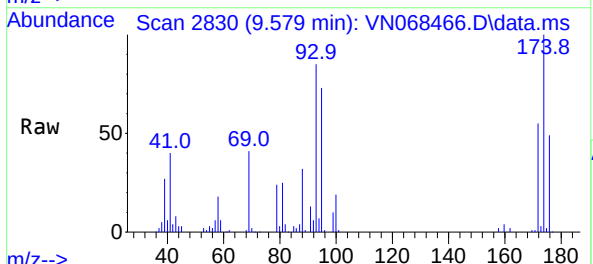
Tgt Ion: 93 Resp: 77504

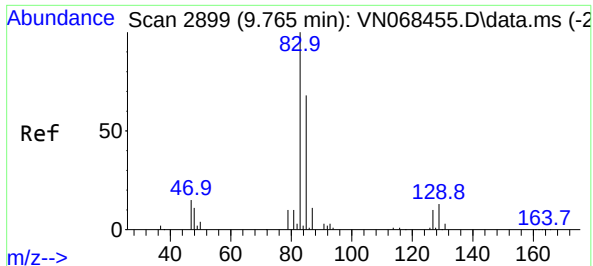
Ion Ratio Lower Upper

93 100

95 84.2 0.0 165.2

174 119.2 0.0 231.8





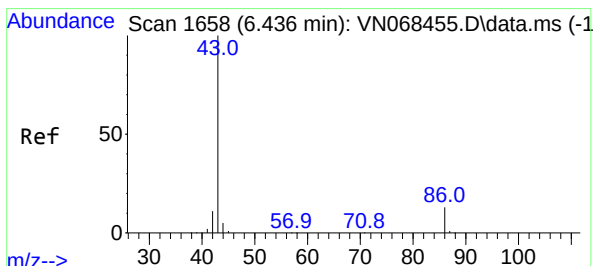
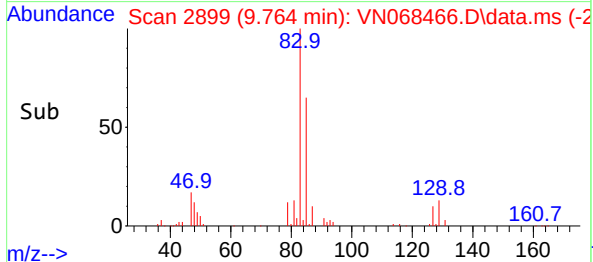
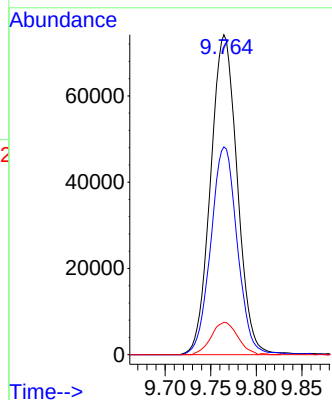
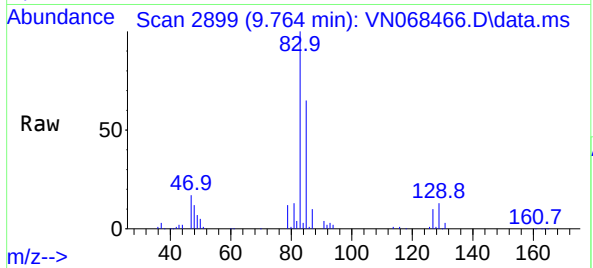
#41
Bromodichloromethane
Concen: 19.092 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 15065
Ion Ratio Lower Upper
83 100
85 64.9 54.1 81.1
127 10.1 8.8 13.2

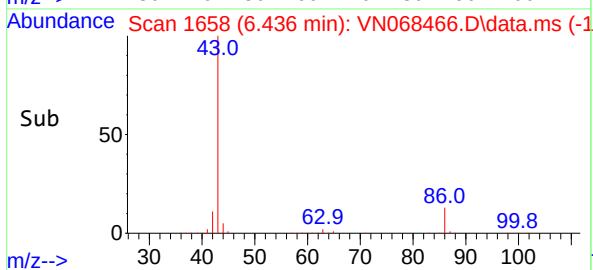
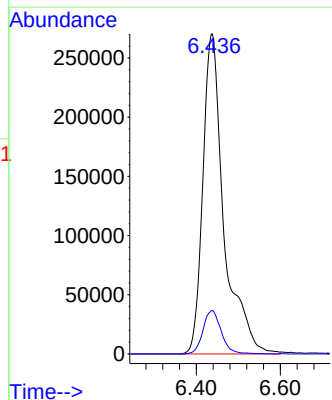
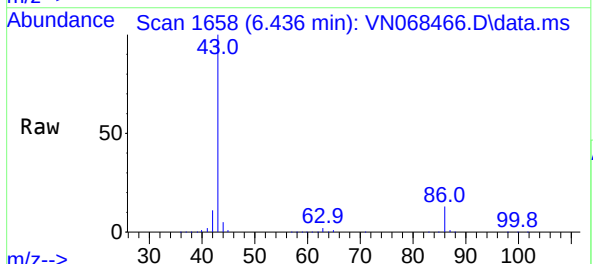
Manual Integrations
APPROVED

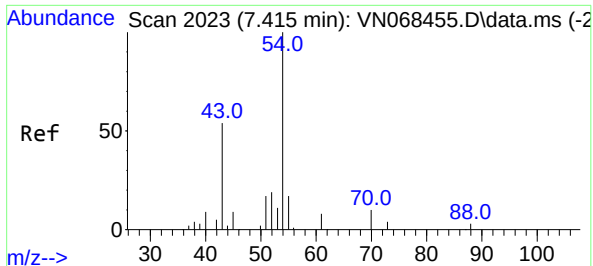
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#42
Vinyl Acetate
Concen: 96.609 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Tgt Ion: 43 Resp: 940701
Ion Ratio Lower Upper
43 100
86 11.7 9.0 13.6





#43

Ethyl Acetate

Concen: 20.127 ug/l m

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN068466.D

Acq: 13 Sep 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 11219

Ion Ratio Lower Upper

43 100

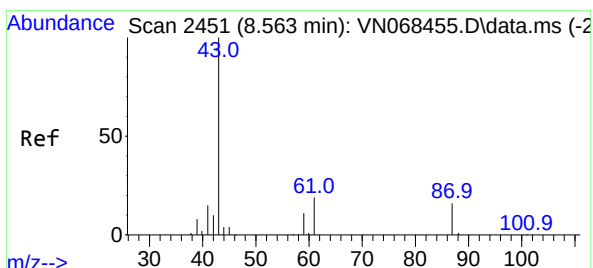
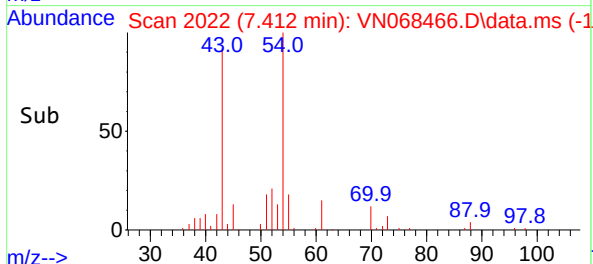
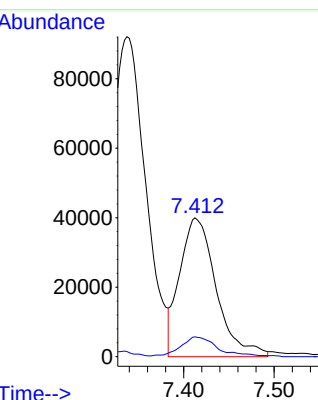
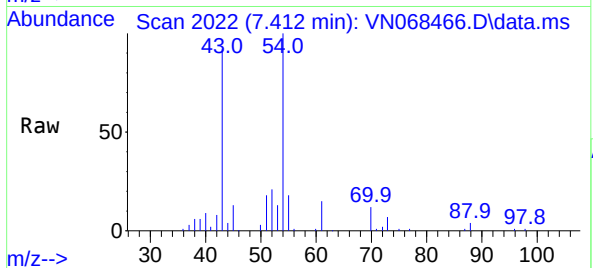
45 11.1 0.4 0.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#44

Isopropyl Acetate

Concen: 19.472 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. -0.000 min

Lab File: VN068466.D

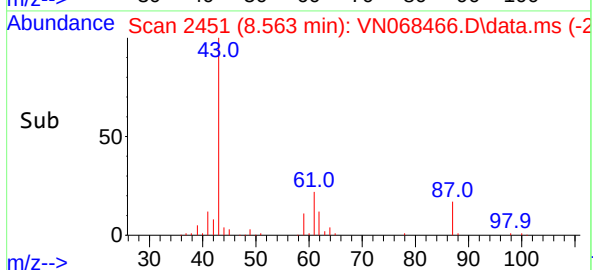
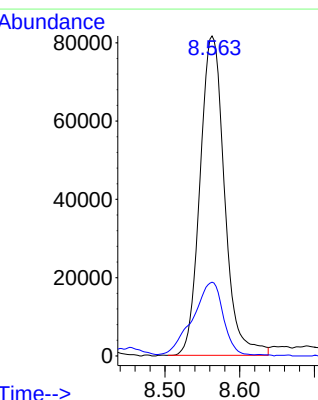
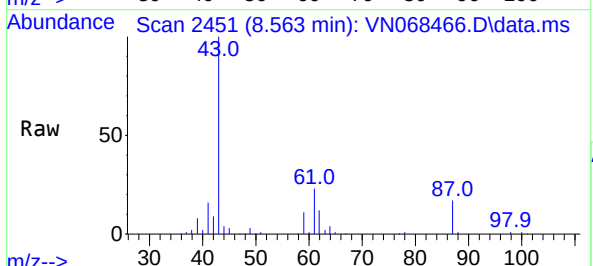
Acq: 13 Sep 2021 19:59

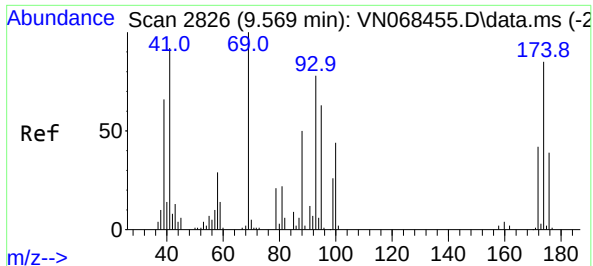
Tgt Ion: 43 Resp: 185790

Ion Ratio Lower Upper

43 100

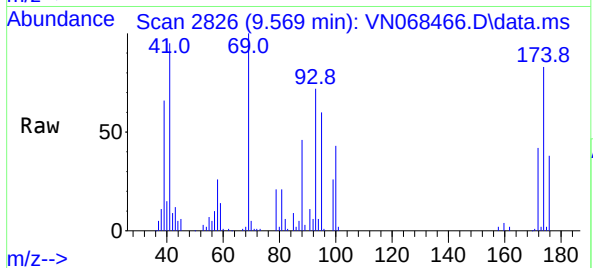
61 29.2 22.7 34.1





#45
1,4-Dioxane
Concen: 388.827 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

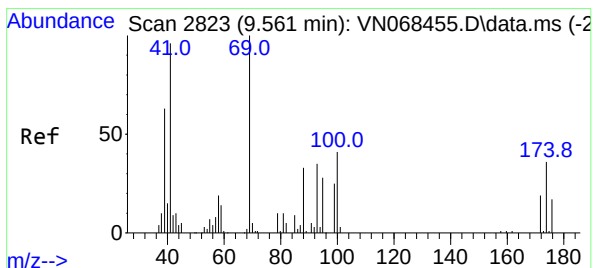
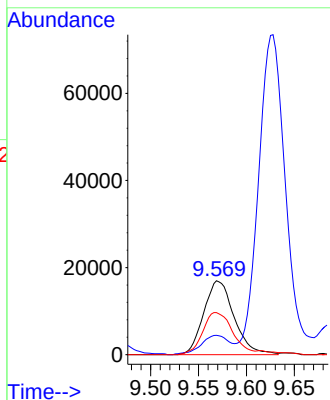
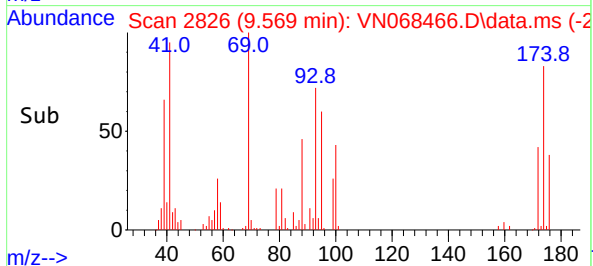
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



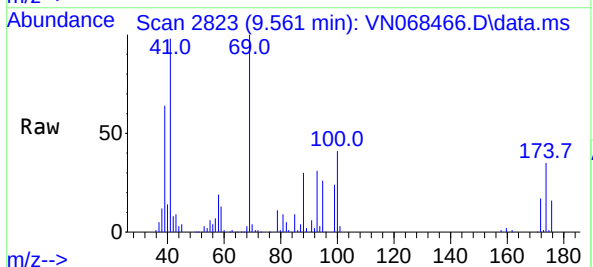
Tgt Ion: 88 Resp: 3751
Ion Ratio Lower Upper
88 100
43 24.3 21.0 31.4
58 56.0 47.0 70.6

Manual Integrations
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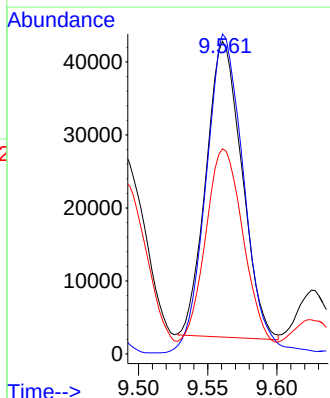
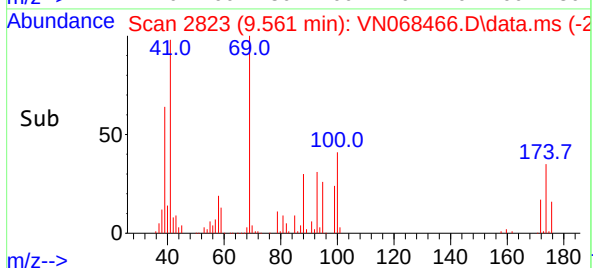
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

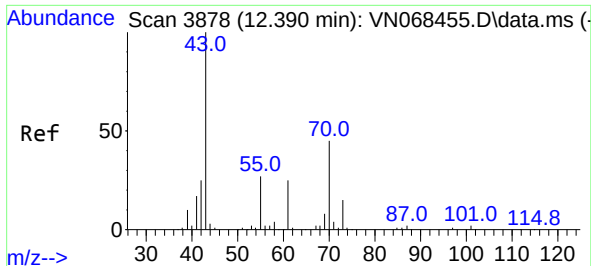


#46
Methyl methacrylate
Concen: 18.905 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



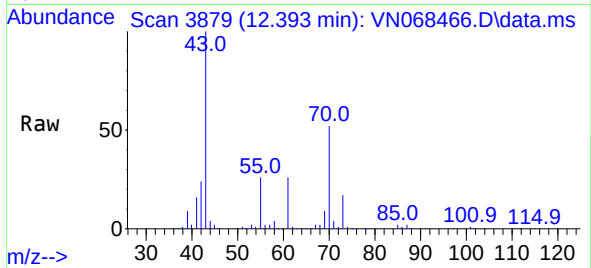
Tgt Ion: 41 Resp: 72959
Ion Ratio Lower Upper
41 100
69 106.1 51.4 154.3
39 65.8 33.1 99.2





#47
n-amy1 Acetate
Concen: 18.968 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

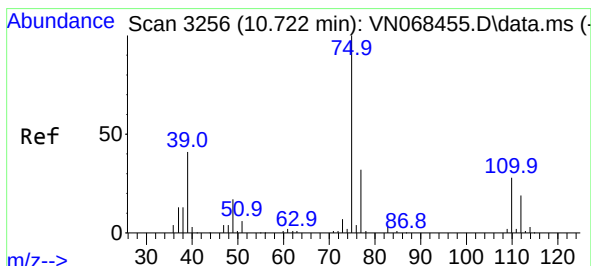
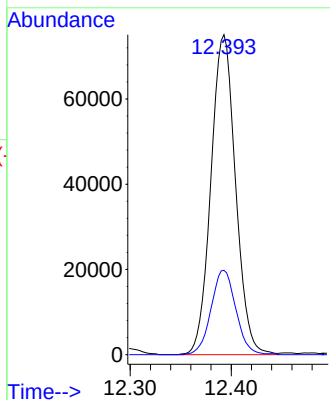
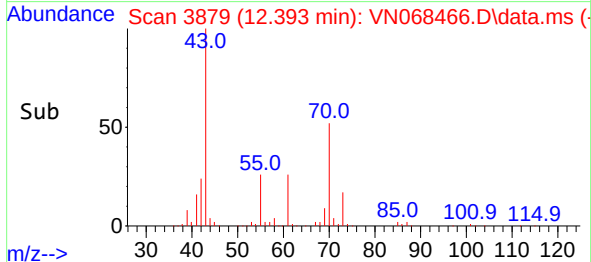
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 127075
Ion Ratio Lower Upper
43 100
55 26.5 21.7 32.5

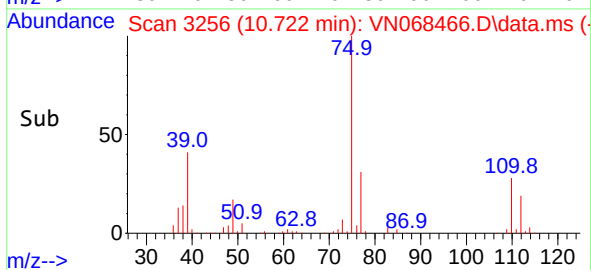
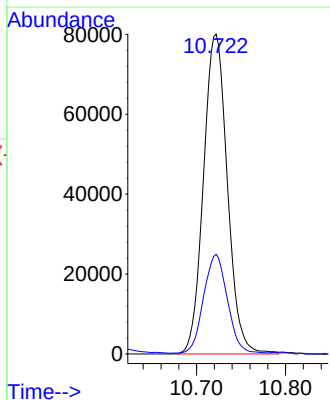
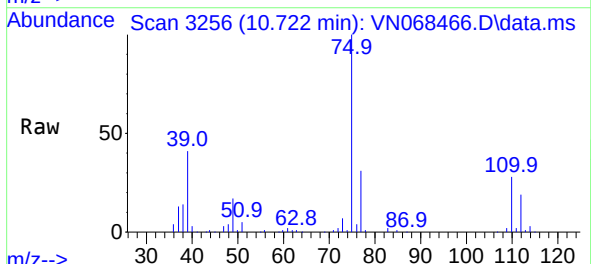
Manual Integrations
APPROVED

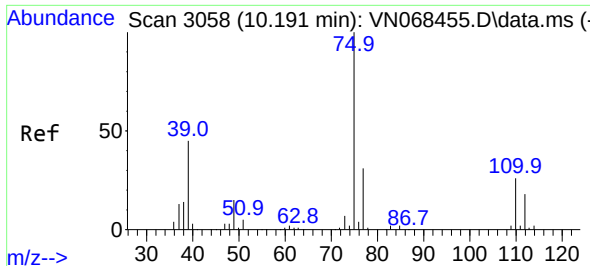
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#48
t-1,3-Dichloropropene
Concen: 18.695 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

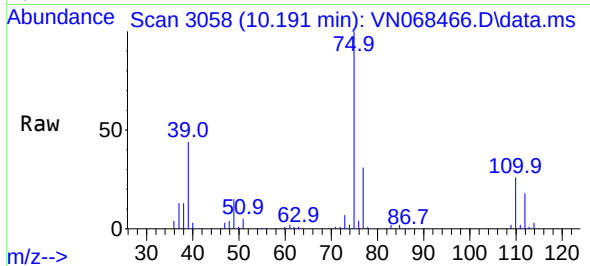
Tgt Ion: 75 Resp: 149357
Ion Ratio Lower Upper
75 100
77 30.8 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 18.906 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

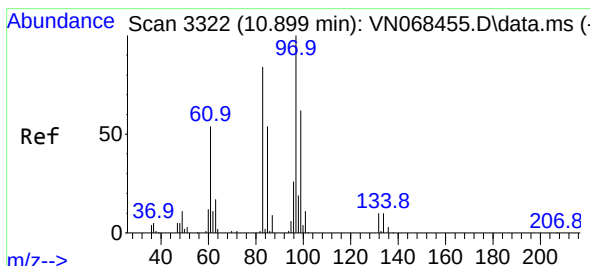
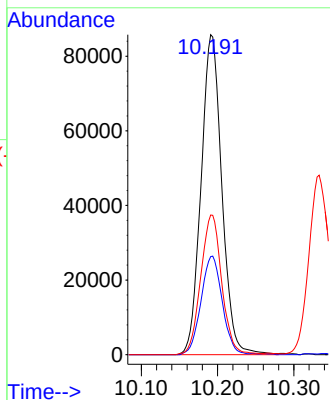
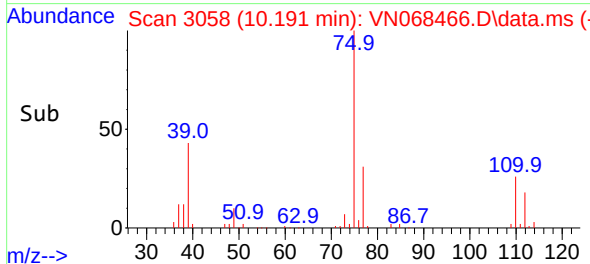
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



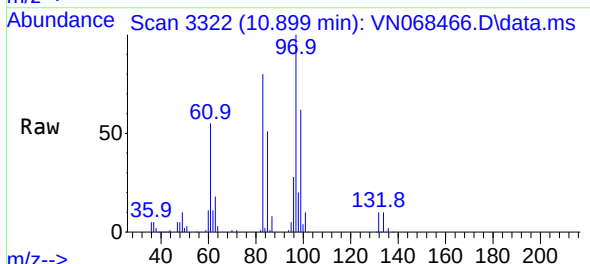
Tgt Ion: 75 Resp: 162335
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8
39 43.4 35.9 53.9

Manual Integrations
APPROVED

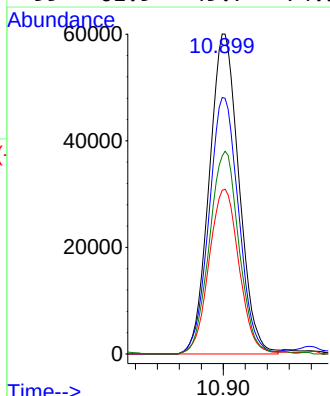
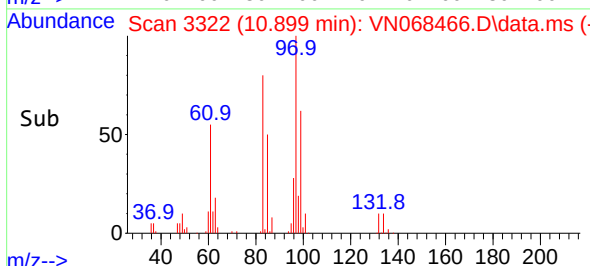
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

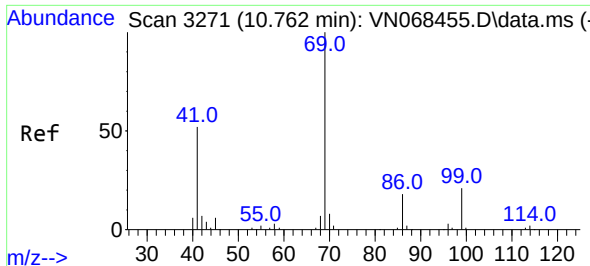


#50
1,1,2-Trichloroethane
Concen: 19.083 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



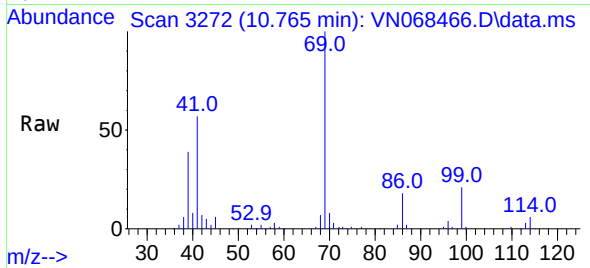
Tgt Ion: 97 Resp: 112598
Ion Ratio Lower Upper
97 100
83 80.1 66.8 100.2
85 51.2 43.5 65.3
99 61.9 49.7 74.5





#51
Ethyl methacrylate
Concen: 18.664 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

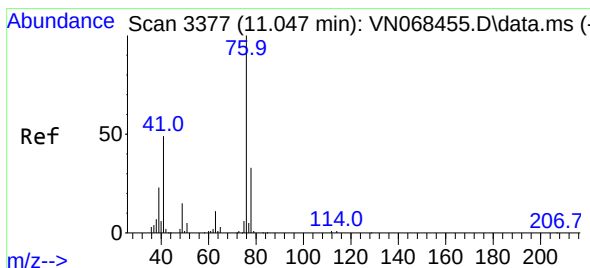
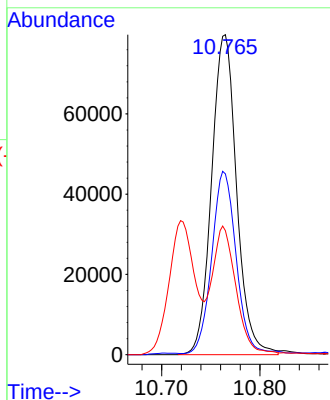
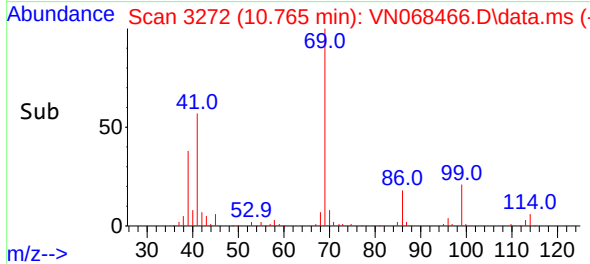
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 141392
Ion Ratio Lower Upper
69 100
41 56.1 26.1 78.3
39 38.2 18.0 54.0

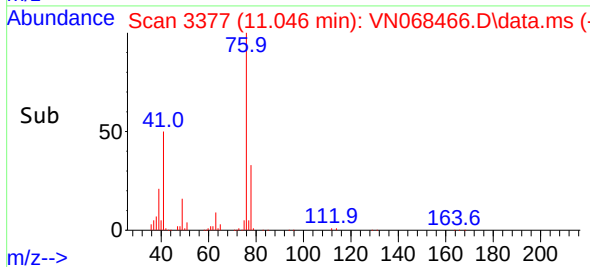
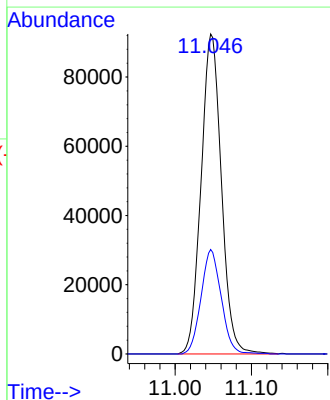
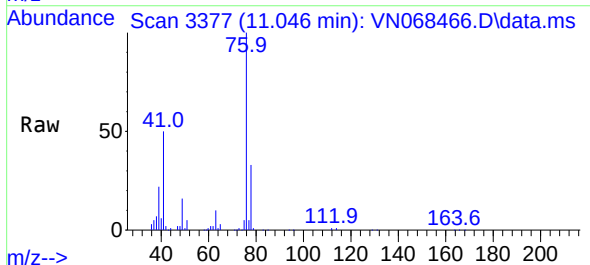
Manual Integrations
APPROVED

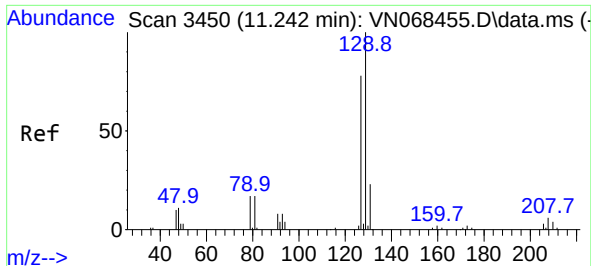
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#52
1,3-Dichloropropane
Concen: 19.480 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

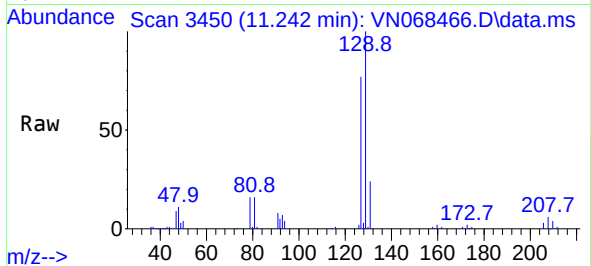
Tgt Ion: 76 Resp: 170935
Ion Ratio Lower Upper
76 100
78 32.3 0.0 66.4





#53
Dibromochloromethane
Concen: 18.507 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

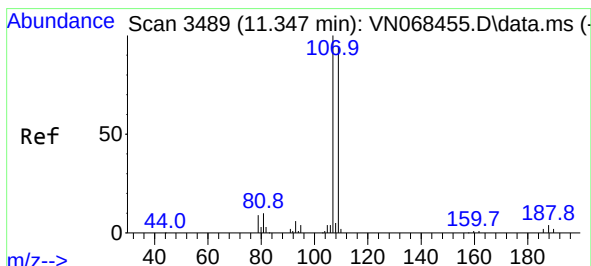
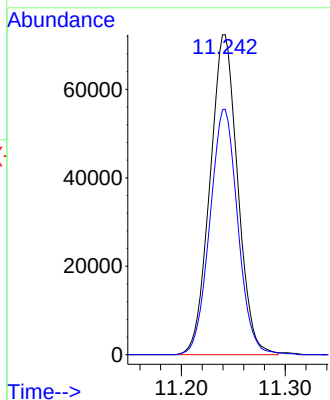
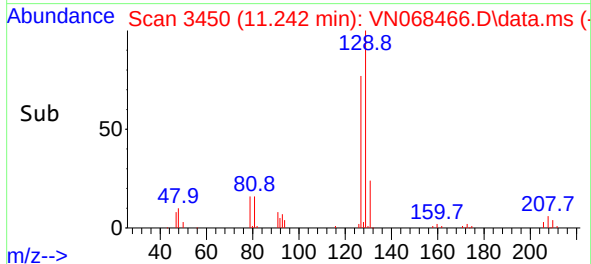
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



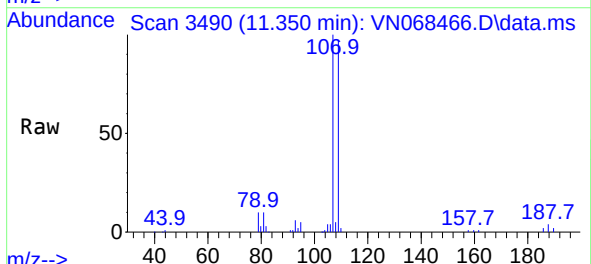
Tgt Ion:129 Resp: 134278
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

Manual Integrations
APPROVED

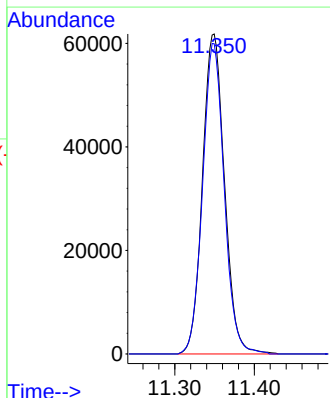
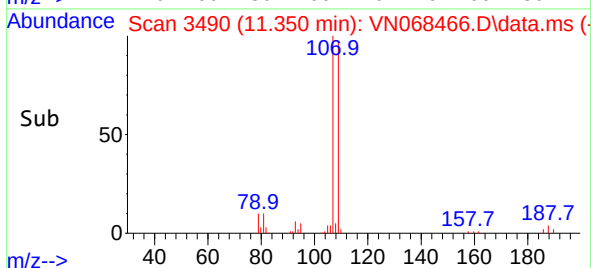
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

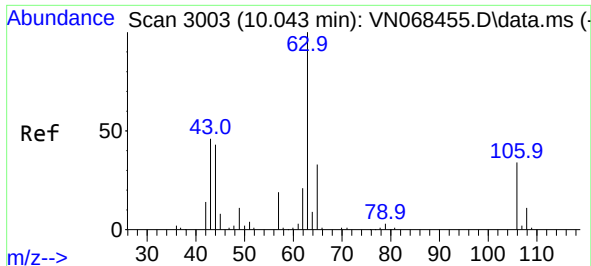


#54
1,2-Dibromoethane
Concen: 18.755 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



Tgt Ion:107 Resp: 118684
Ion Ratio Lower Upper
107 100
109 95.3 77.0 115.4





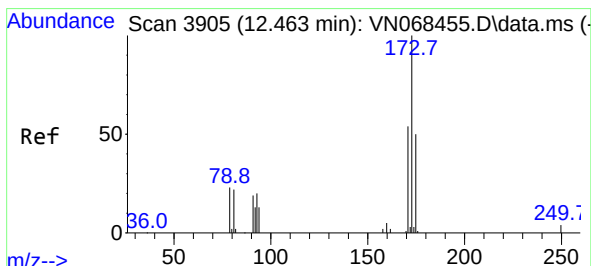
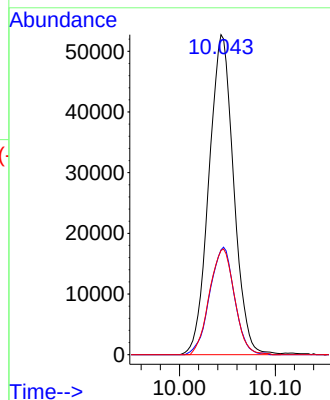
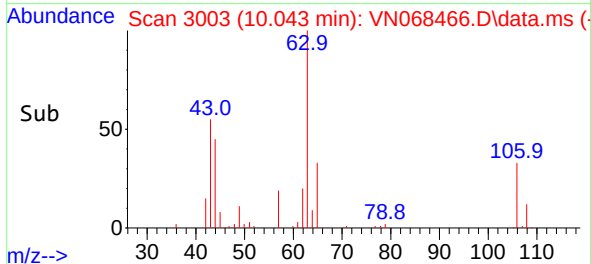
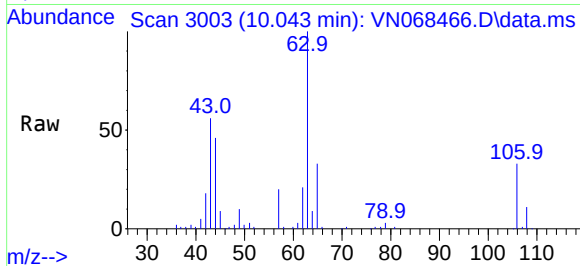
#55
2-Chloroethyl vinyl ether
Concen: 73.700 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 94510
Ion Ratio Lower Upper
63 100
65 33.5 26.2 39.2
106 33.5 27.7 41.5

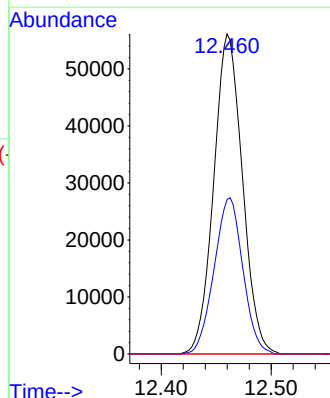
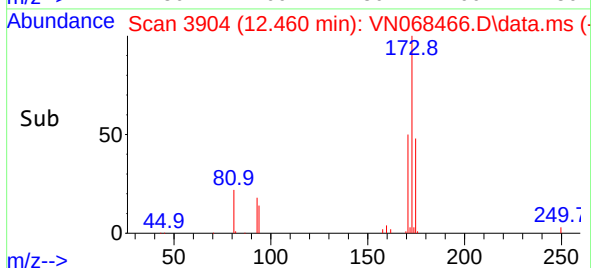
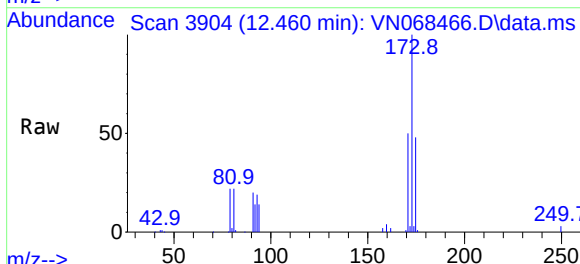
Manual Integrations
APPROVED

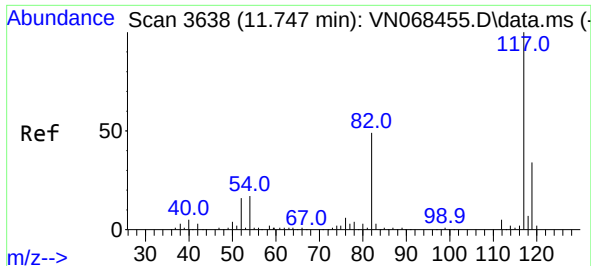
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#56
Bromoform
Concen: 17.434 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

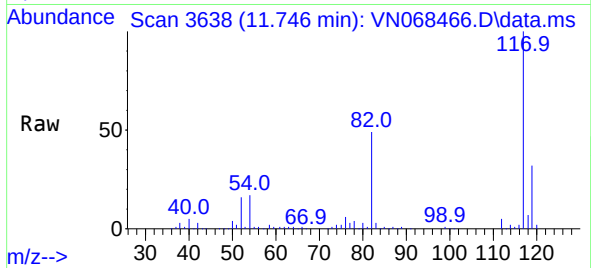
Tgt Ion:173 Resp: 101598
Ion Ratio Lower Upper
173 100
175 48.9 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

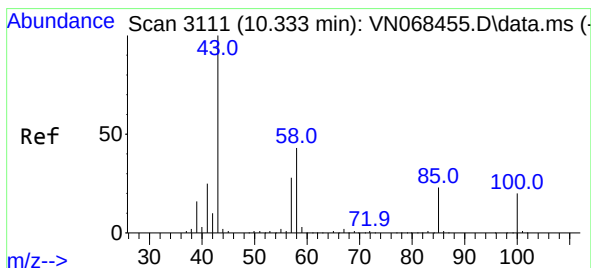
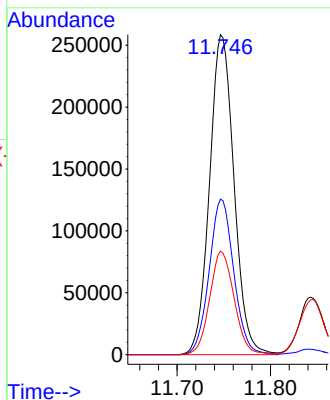
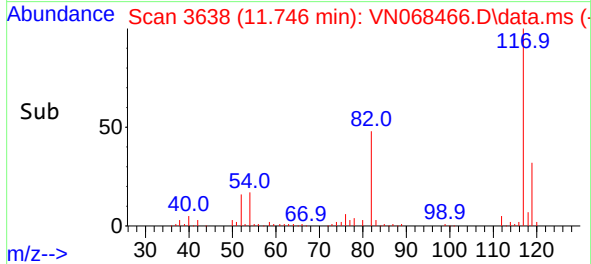
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



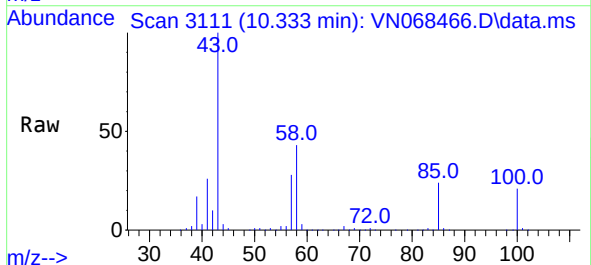
Tgt Ion:117 Resp: 471624
Ion Ratio Lower Upper
117 100
82 48.9 39.4 59.0
119 32.3 26.2 39.2

Manual Integrations
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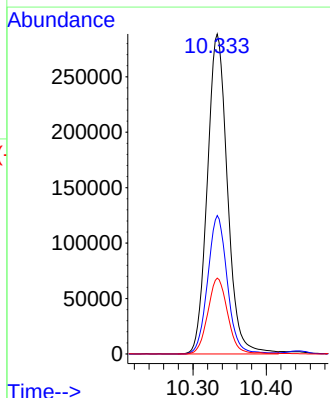
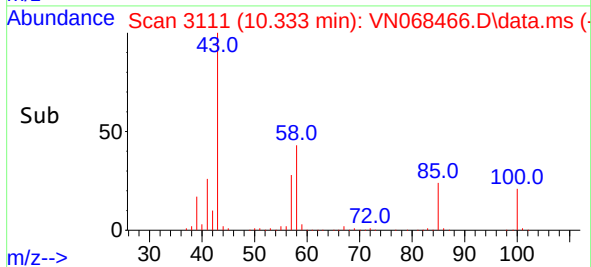
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

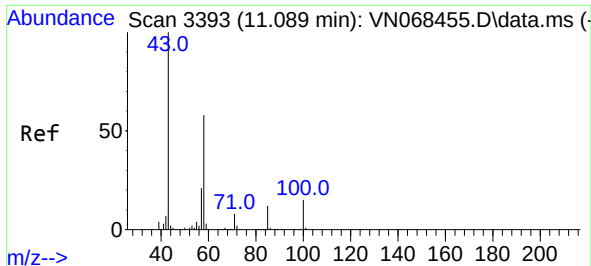


#58
4-Methyl-2-Pentanone
Concen: 99.402 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



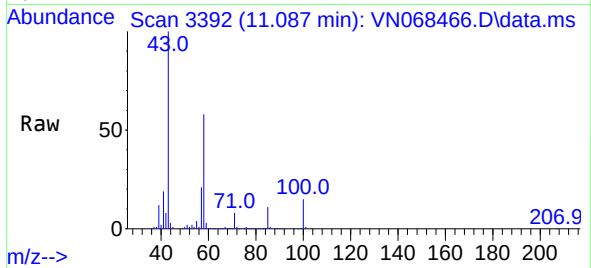
Tgt Ion: 43 Resp: 551861
Ion Ratio Lower Upper
43 100
58 42.1 33.3 49.9
85 23.2 18.6 27.8





#59
2-Hexanone
Concen: 99.290 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

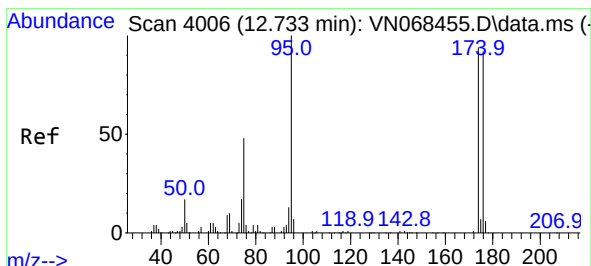
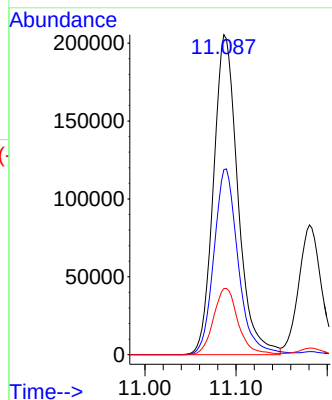
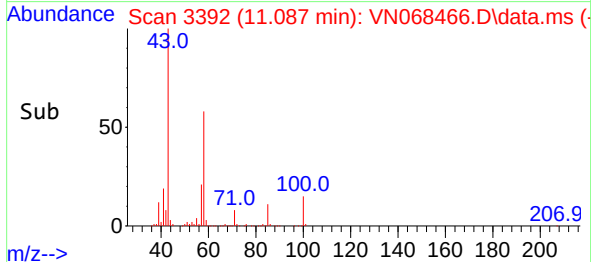
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



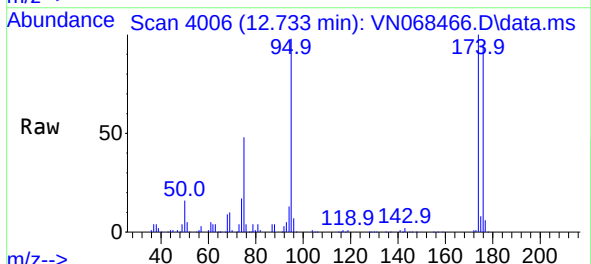
Tgt Ion: 43 Resp: 382044
Ion Ratio Lower Upper
43 100
58 58.0 46.4 69.6
57 20.9 16.6 25.0

Manual Integrations
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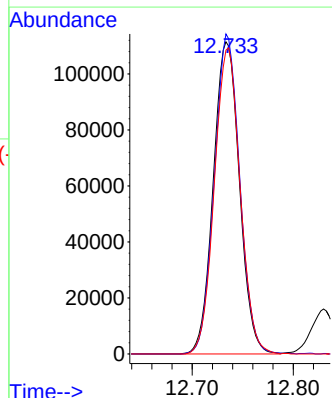
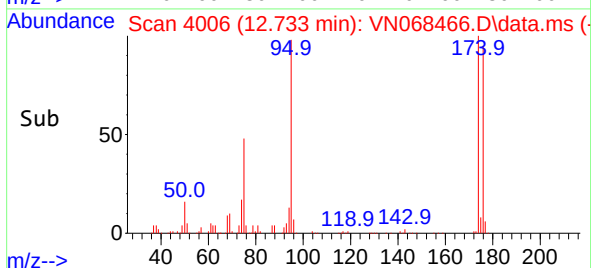
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

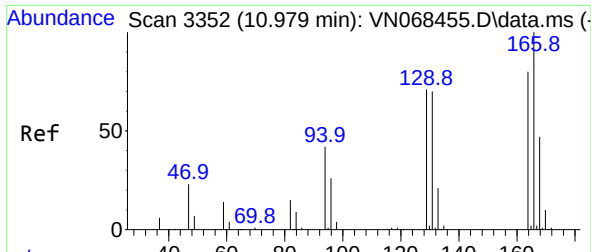


#60
4-Bromofluorobenzene
Concen: 29.690 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



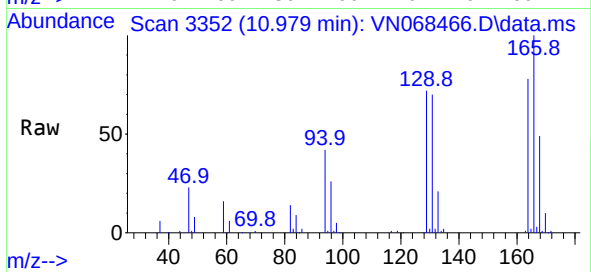
Tgt Ion: 95 Resp: 199586
Ion Ratio Lower Upper
95 100
174 99.8 78.0 117.0
176 96.9 76.4 114.6





#61
Tetrachloroethene
Concen: 18.909 ug/l
RT: 10.979 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

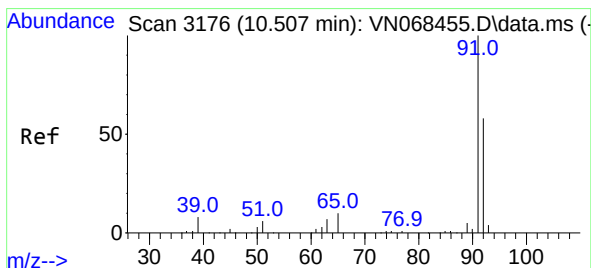
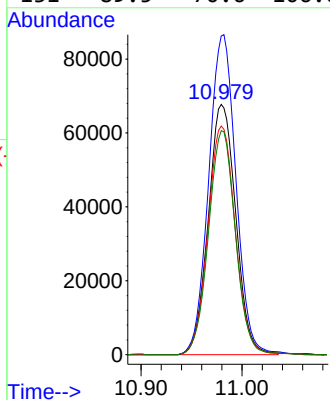
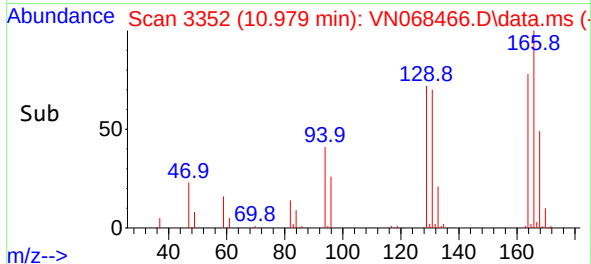
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



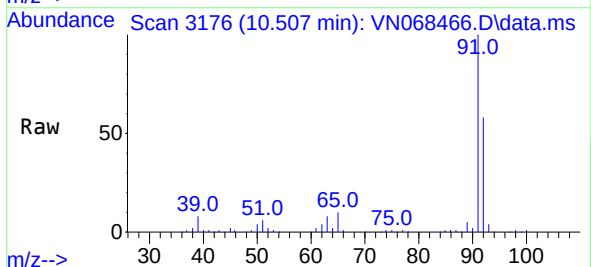
Tgt Ion:164 Resp: 128225
Ion Ratio Lower Upper
164 100
166 127.4 100.4 150.6
129 91.4 71.4 107.0
131 89.5 70.6 106.0

Manual Integrations
APPROVED

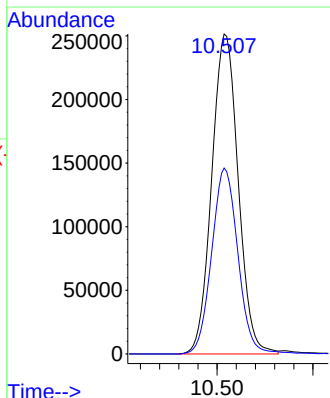
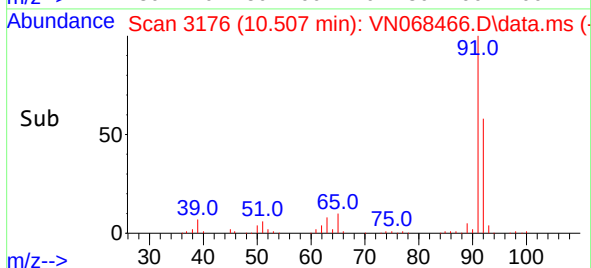
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

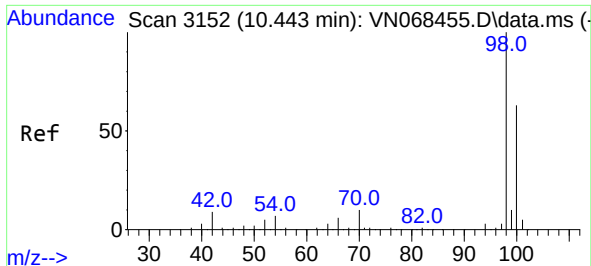


#62
Toluene
Concen: 19.412 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



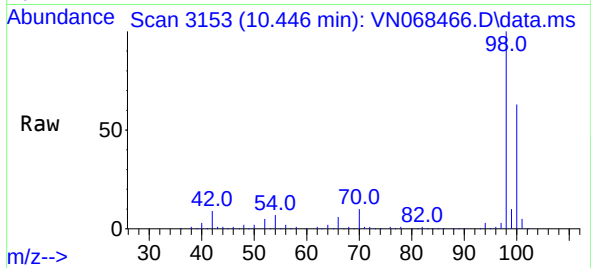
Tgt Ion: 91 Resp: 481843
Ion Ratio Lower Upper
91 100
92 57.6 45.8 68.6





#63
Toluene-d8
Concen: 30.977 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

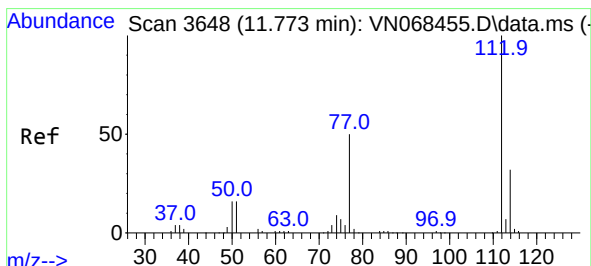
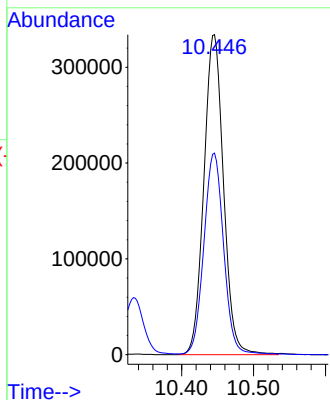
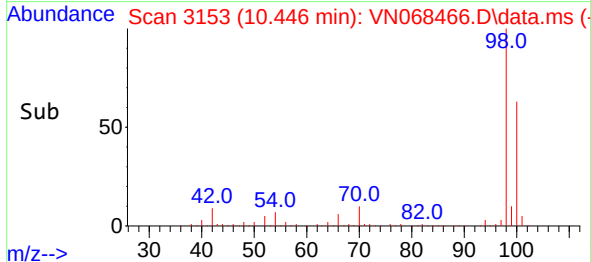
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 63555
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

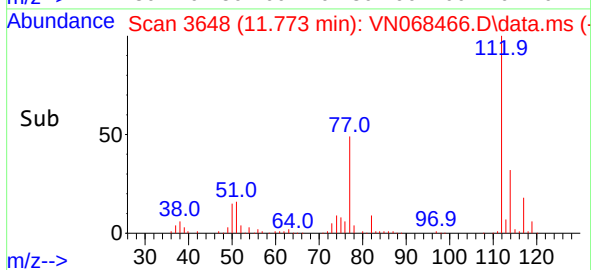
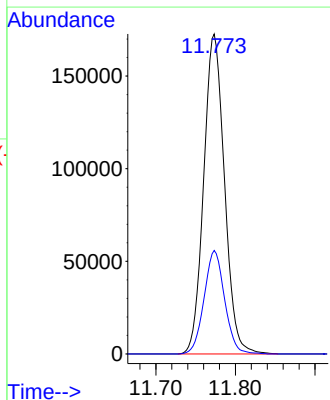
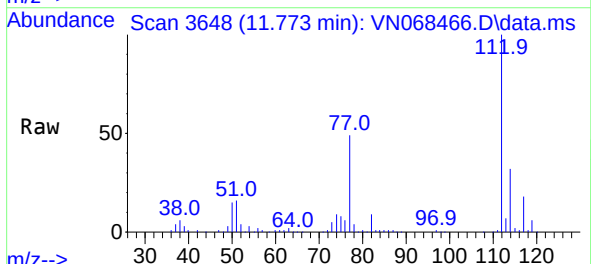
Manual Integrations
APPROVED

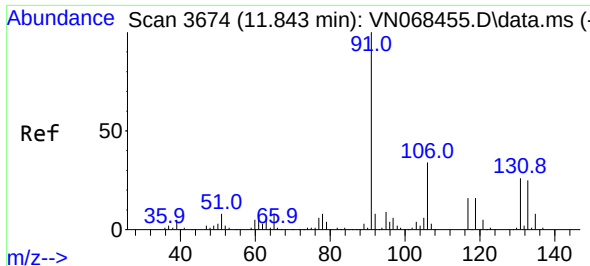
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#64
Chlorobenzene
Concen: 19.153 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

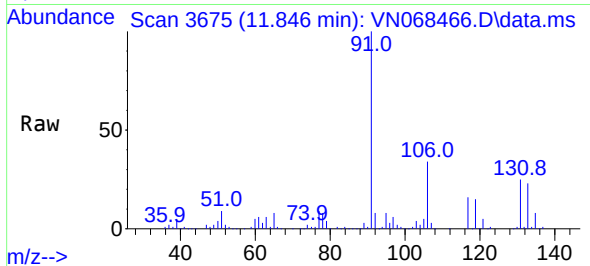
Tgt Ion:112 Resp: 313560
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.216 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

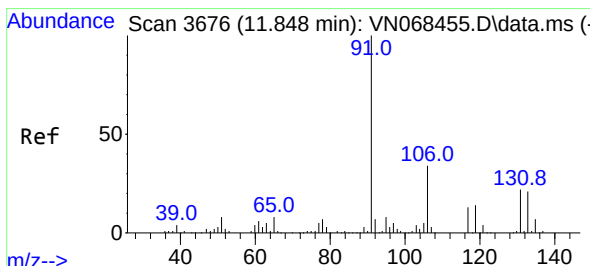
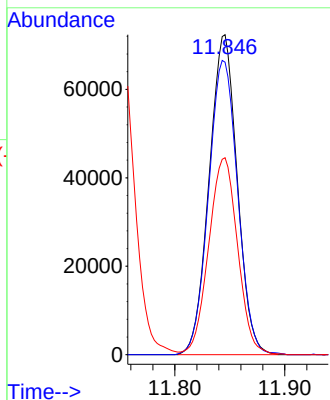
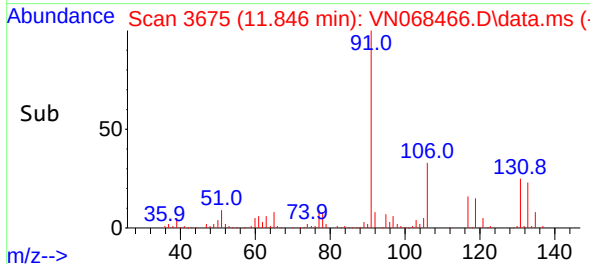
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 12839
Ion Ratio Lower Upper
131 100
133 95.4 0.0 192.2
119 62.9 0.0 127.0

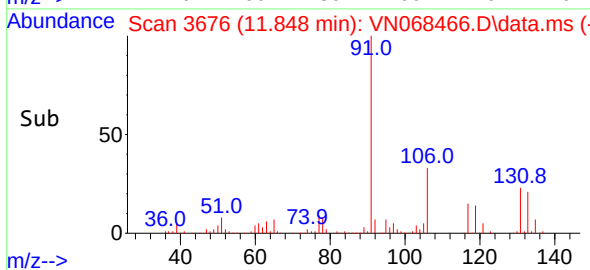
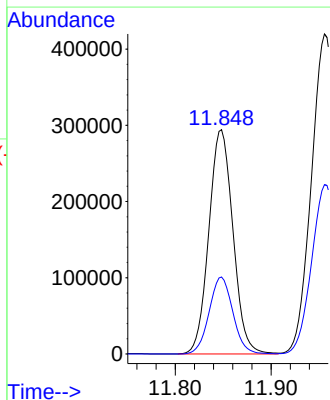
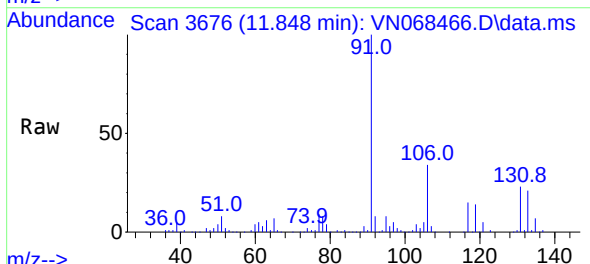
Manual Integrations
APPROVED

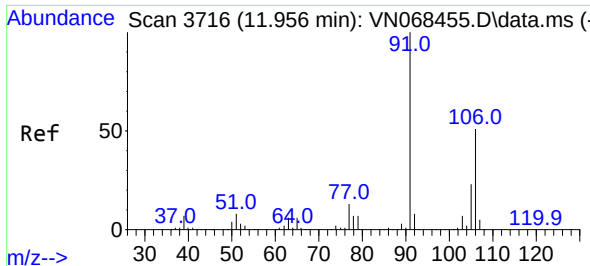
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#66
Ethyl Benzene
Concen: 19.082 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

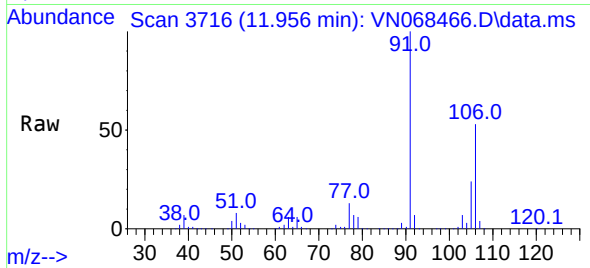
Tgt Ion: 91 Resp: 514773
Ion Ratio Lower Upper
91 100
106 34.3 27.2 40.8





#67
m/p-Xylenes
Concen: 38.933 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

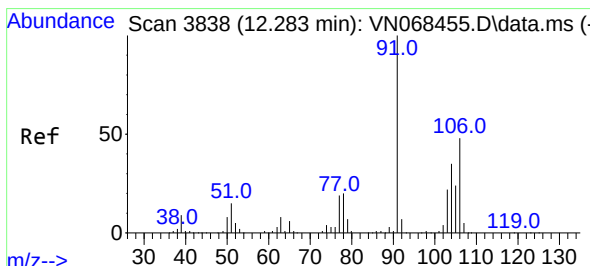
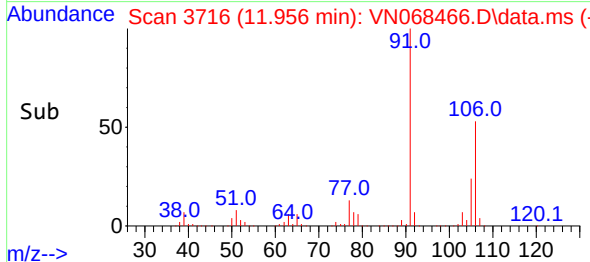
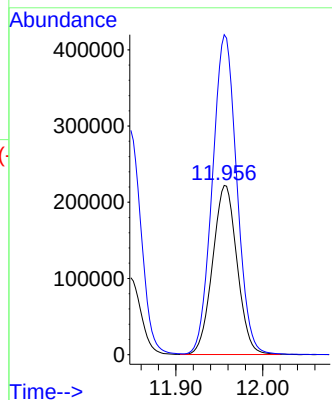
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 432930
Ion Ratio Lower Upper
106 100
91 189.4 152.7 229.1

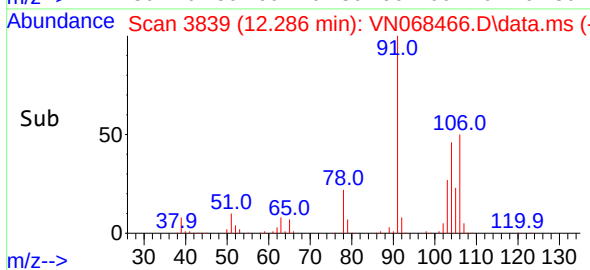
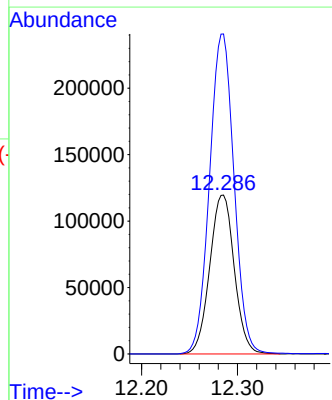
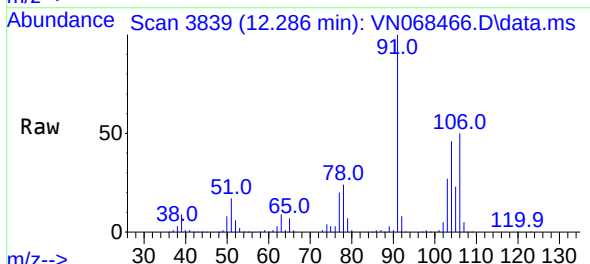
Manual Integrations
APPROVED

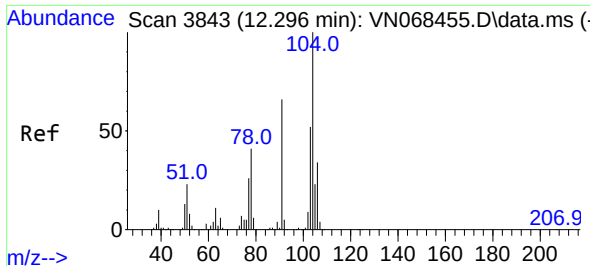
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 19.334 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

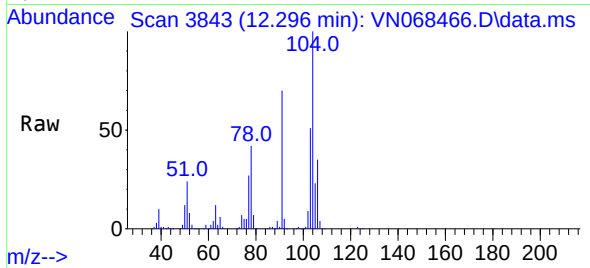
Tgt Ion:106 Resp: 212273
Ion Ratio Lower Upper
106 100
91 201.2 101.5 304.5





#69
Styrene
Concen: 19.325 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

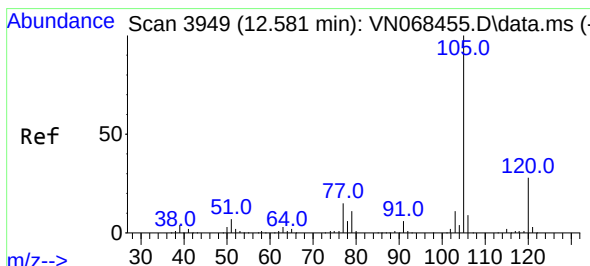
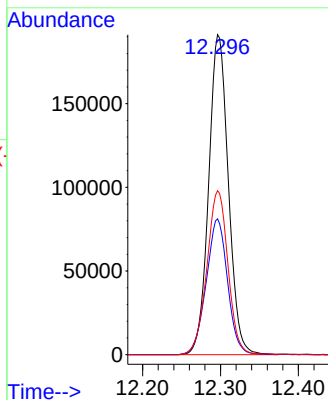
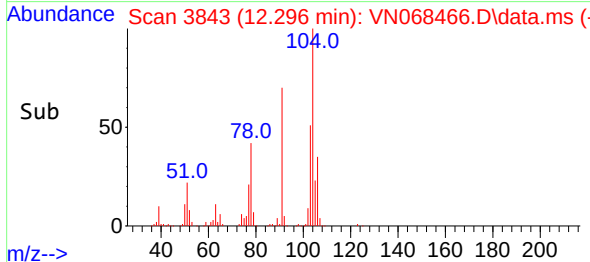
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



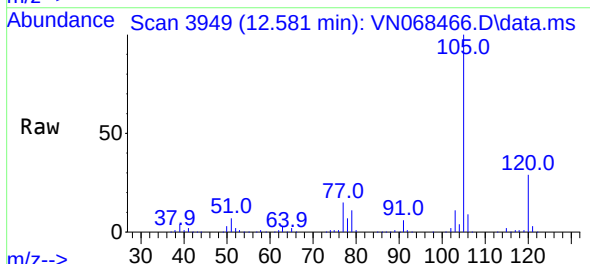
Tgt Ion:104 Resp: 336429
Ion Ratio Lower Upper
104 100
78 46.0 36.5 54.7
103 54.9 43.5 65.3

Manual Integrations
APPROVED

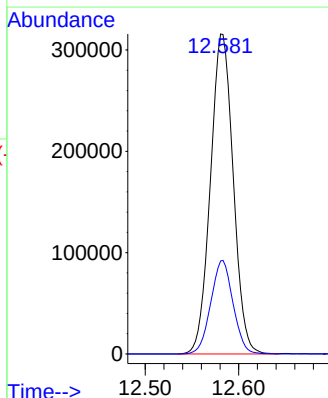
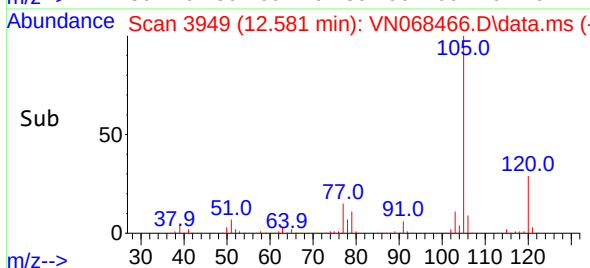
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

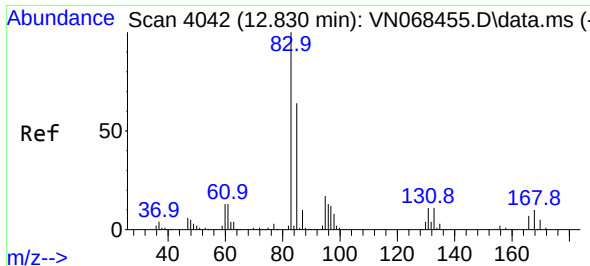


#70
Isopropylbenzene
Concen: 19.191 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



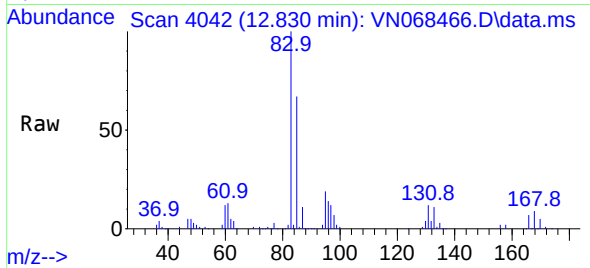
Tgt Ion:105 Resp: 534969
Ion Ratio Lower Upper
105 100
120 28.6 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.801 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

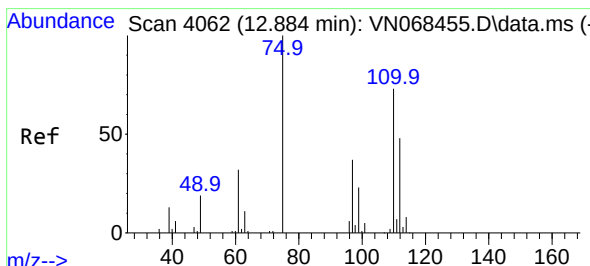
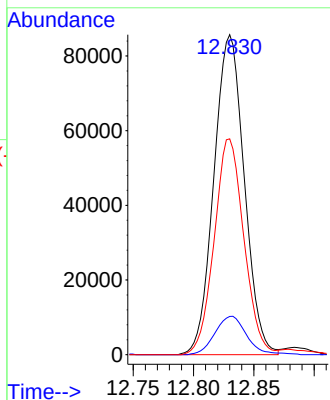
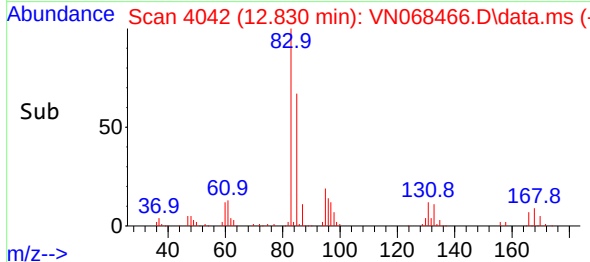
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



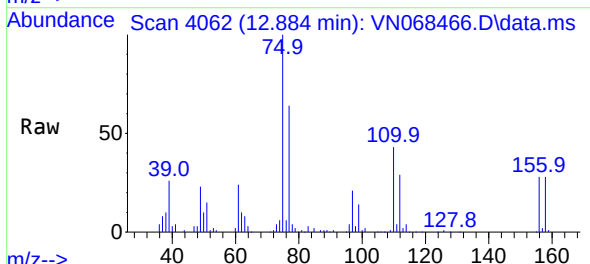
Tgt Ion: 83 Resp: 150248
Ion Ratio Lower Upper
83 100
131 12.4 5.9 17.7
85 65.8 31.9 95.9

Manual Integrations
APPROVED

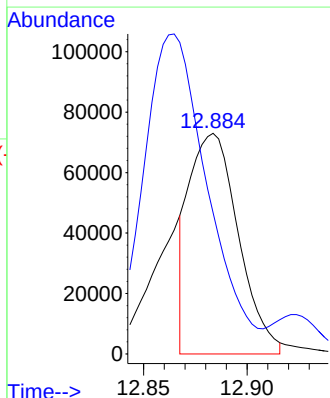
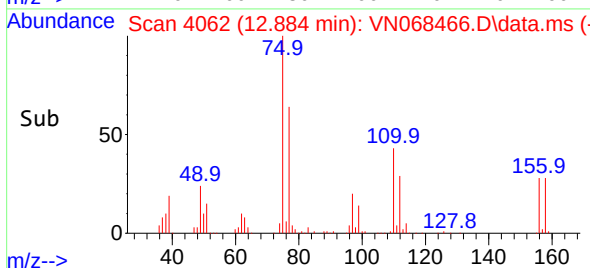
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

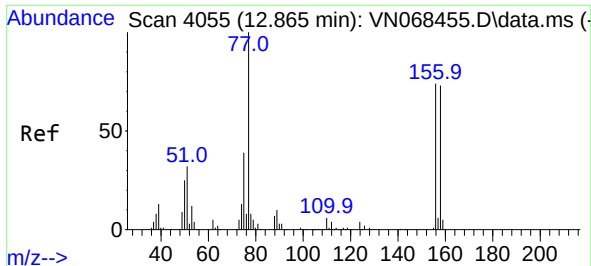


#72
1,2,3-Trichloropropane
Concen: 19.047 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



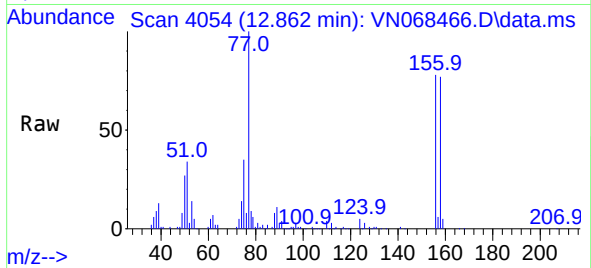
Tgt Ion: 75 Resp: 120314
Ion Ratio Lower Upper
75 100
77 190.0 0.0 357.6





#73
Bromobenzene
Concen: 18.654 ug/l
RT: 12.862 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

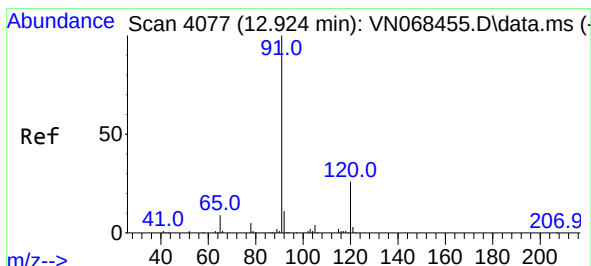
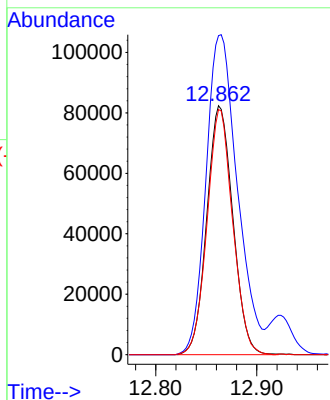
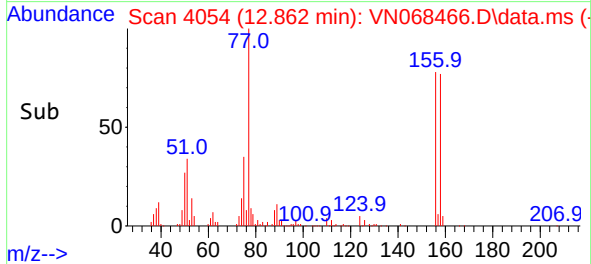
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



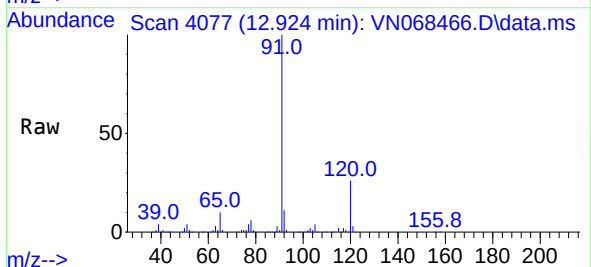
Tgt Ion:156 Resp: 147610
Ion Ratio Lower Upper
156 100
77 154.9 0.0 318.8
158 96.8 0.0 196.2

Manual Integrations
APPROVED

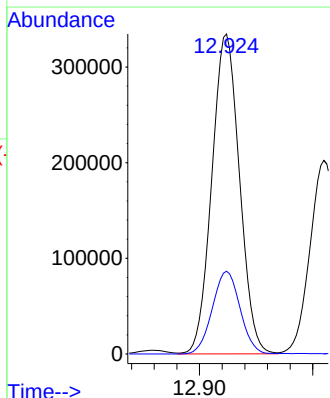
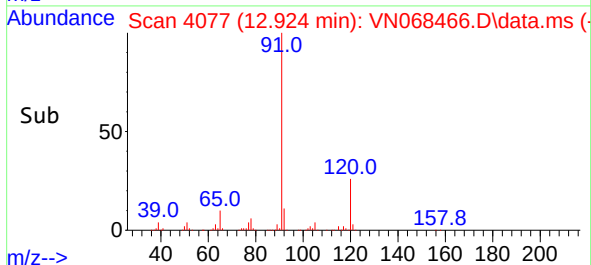
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

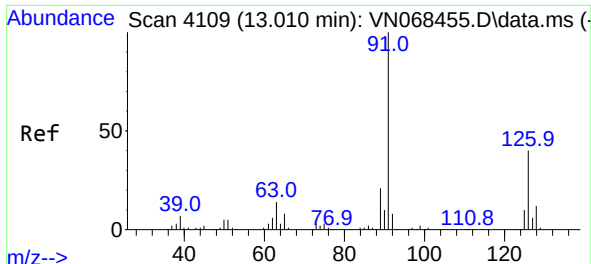


#74
n-propylbenzene
Concen: 18.847 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



Tgt Ion: 91 Resp: 566587
Ion Ratio Lower Upper
91 100
120 25.9 0.0 51.6





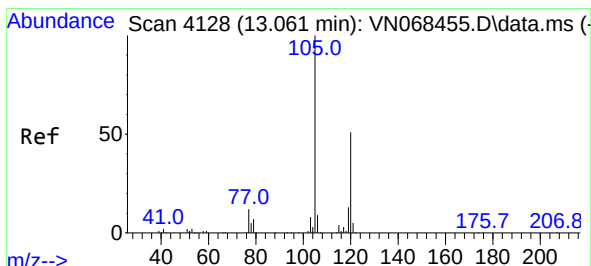
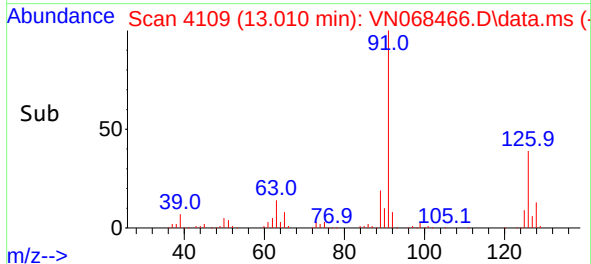
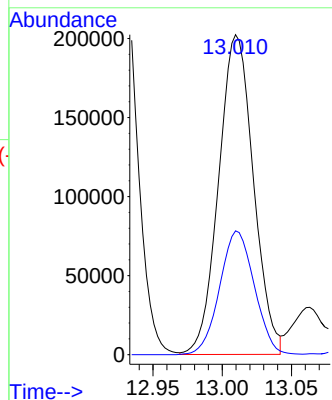
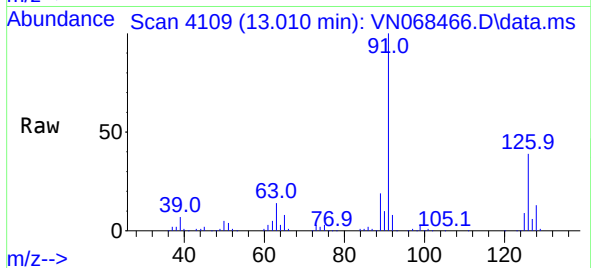
#75
2-Chlorotoluene
Concen: 19.567 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 35401
Ion Ratio Lower Upper
91 100
126 38.6 0.0 77.2

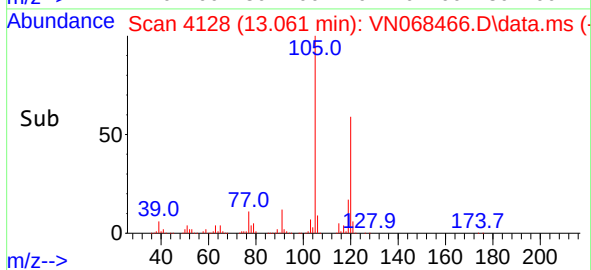
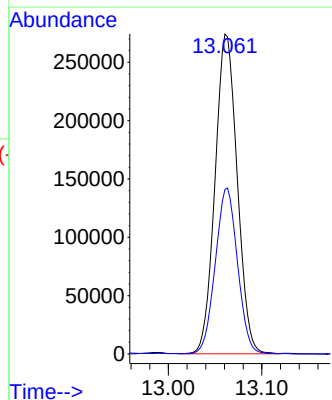
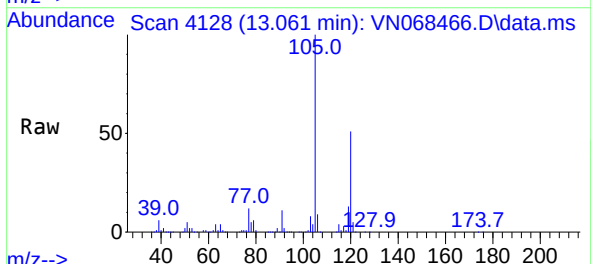
Manual Integrations
APPROVED

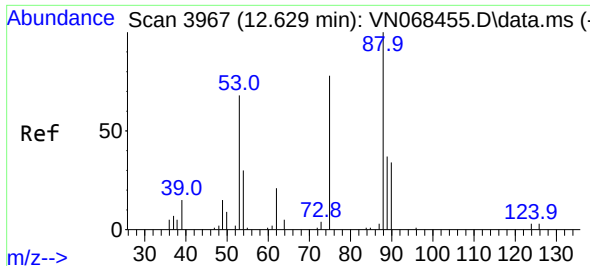
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 19.466 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Tgt Ion:105 Resp: 453060
Ion Ratio Lower Upper
105 100
120 51.8 0.0 103.4





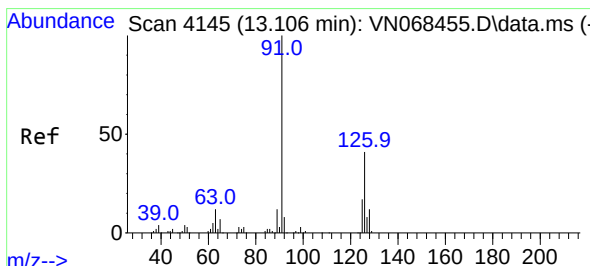
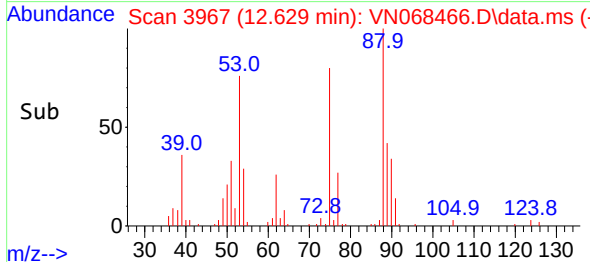
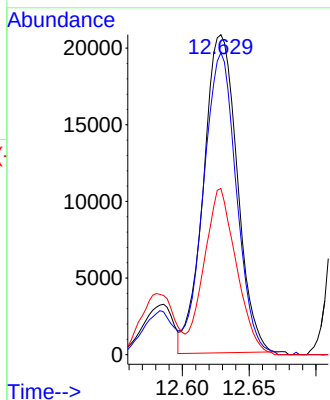
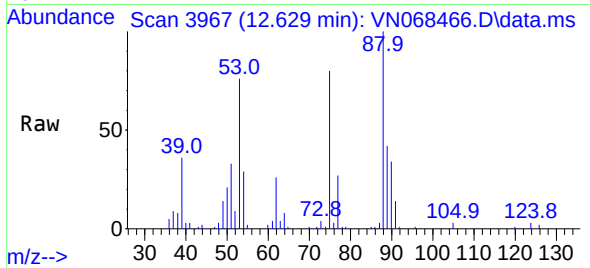
#77
t-1,4-Dichloro-2-butene
Concen: 17.513 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 3650
Ion Ratio Lower Upper
75 100
53 95.2 43.8 131.4
89 52.4 26.2 78.6

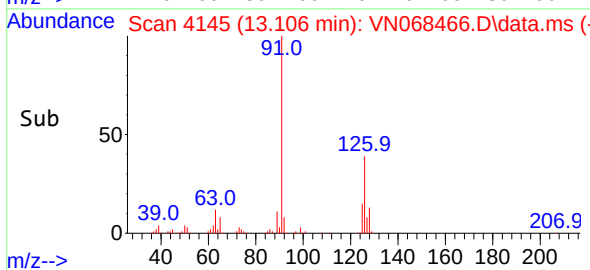
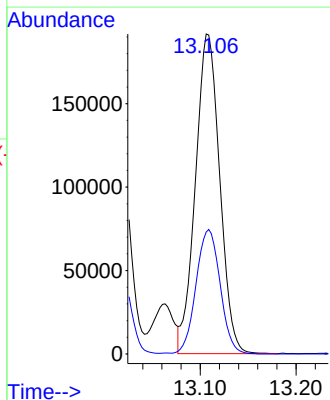
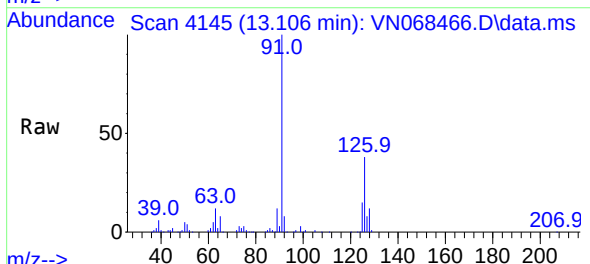
Manual Integrations
APPROVED

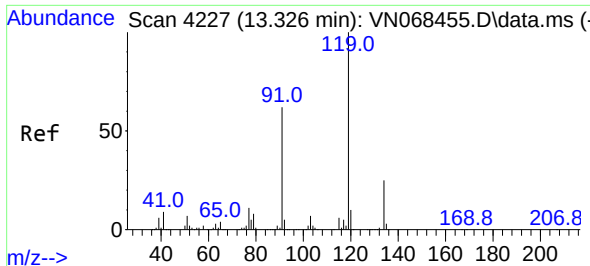
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#78
4-Chlorotoluene
Concen: 19.467 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

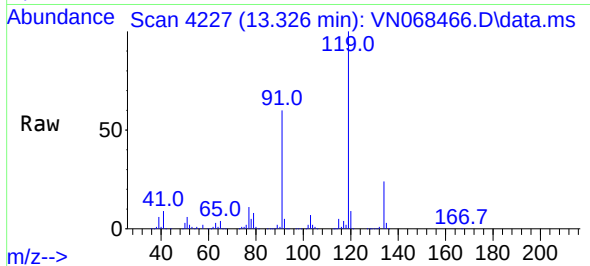
Tgt Ion: 91 Resp: 337997
Ion Ratio Lower Upper
91 100
126 38.7 0.0 77.8





#79
tert-butylbenzene
Concen: 19.735 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

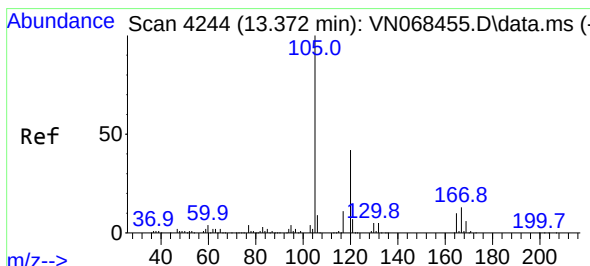
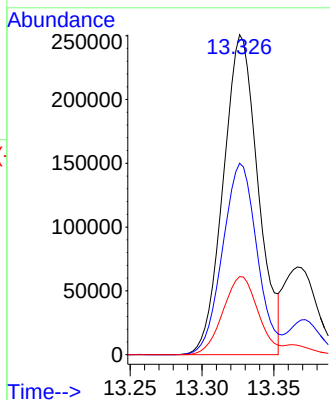
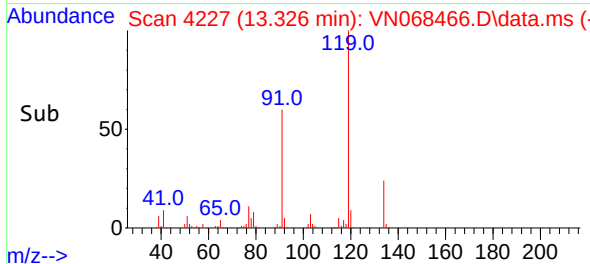
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



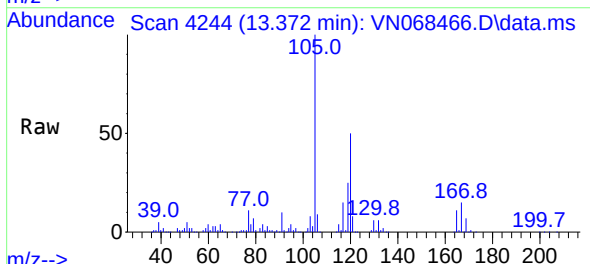
Tgt Ion:119 Resp: 421970
Ion Ratio Lower Upper
119 100
91 59.7 0.0 120.0
134 24.8 0.0 54.0

Manual Integrations
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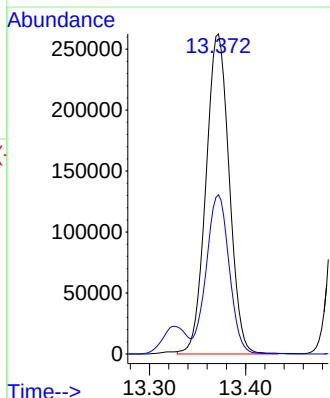
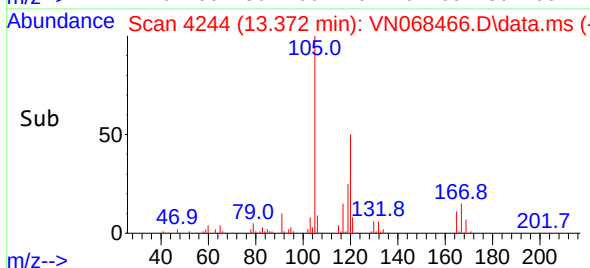
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

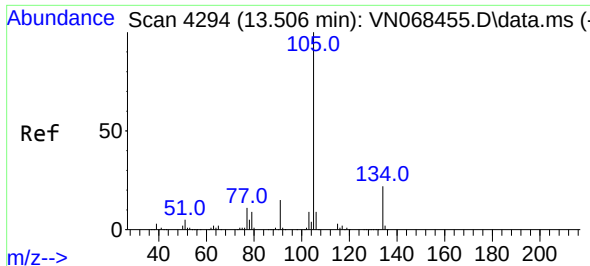


#80
1,2,4-Trimethylbenzene
Concen: 19.601 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



Tgt Ion:105 Resp: 441351
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





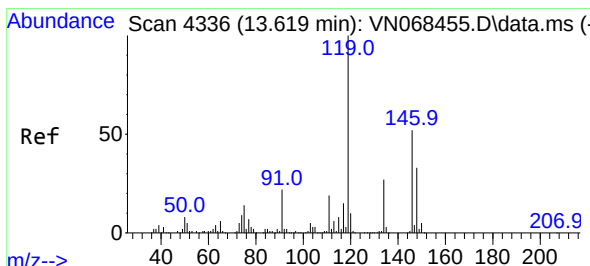
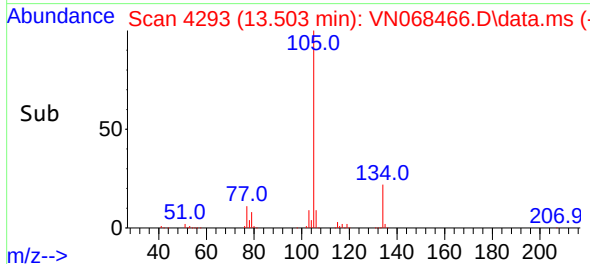
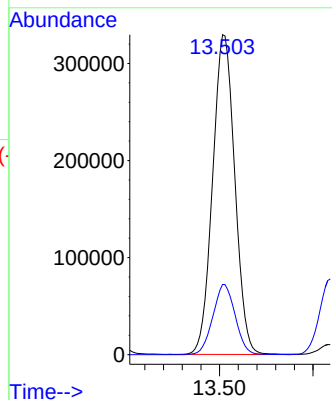
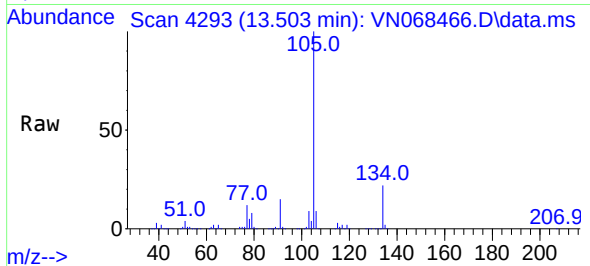
#81
 sec-Butylbenzene
 Concen: 19.232 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN068466.D
 Acq: 13 Sep 2021 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 543544
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 43.8

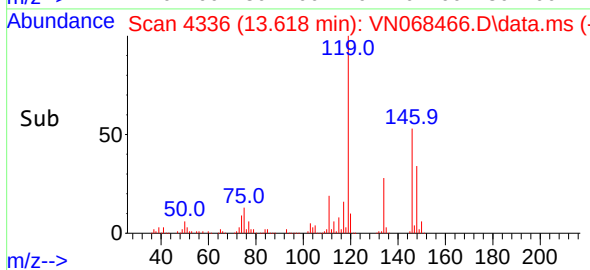
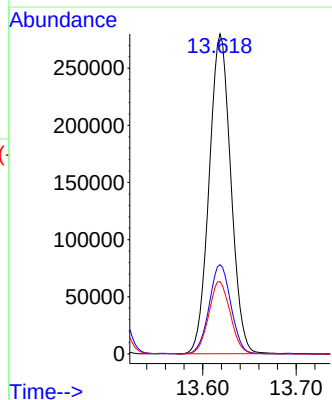
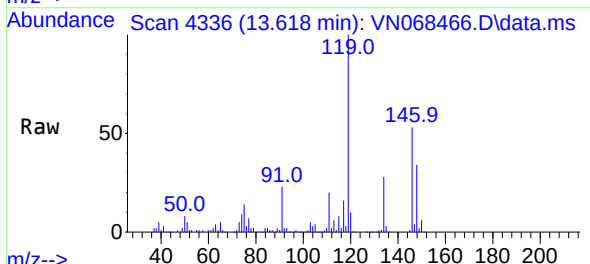
Manual Integrations
 APPROVED

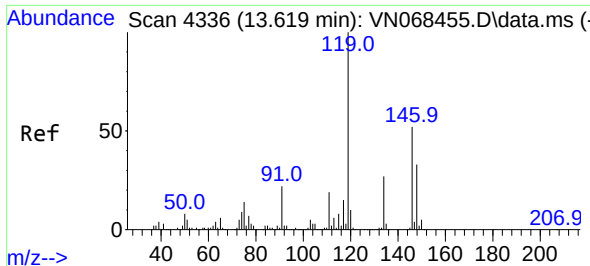
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#82
 p-Isopropyltoluene
 Concen: 18.568 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068466.D
 Acq: 13 Sep 2021 19:59

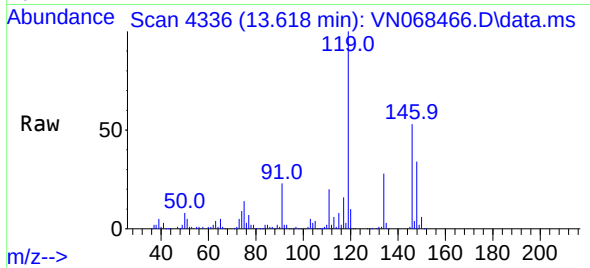
Tgt Ion:119 Resp: 450114
 Ion Ratio Lower Upper
 119 100
 134 28.2 0.0 55.4
 91 22.6 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 18.845 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

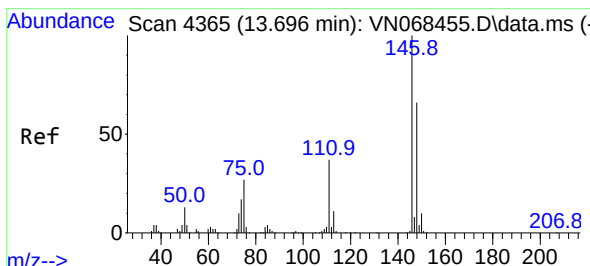
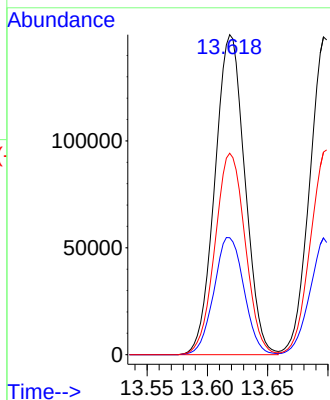
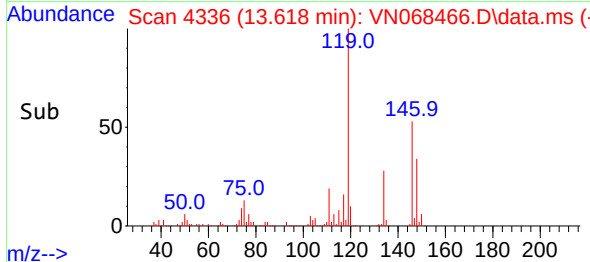
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



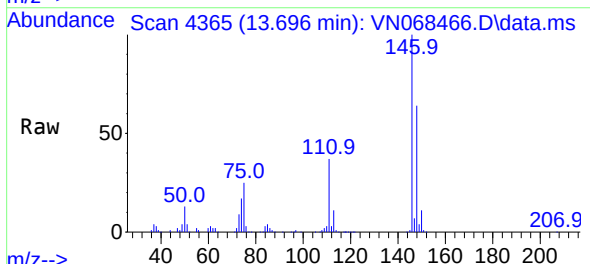
Tgt Ion:146 Resp: 25920
Ion Ratio Lower Upper
146 100
111 36.8 18.4 55.2
148 63.4 32.0 96.0

Manual Integrations
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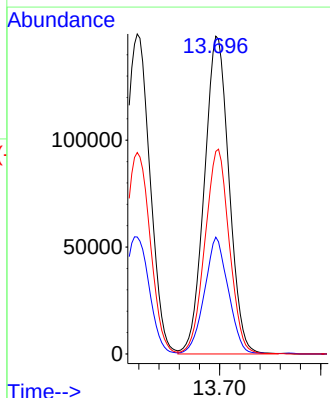
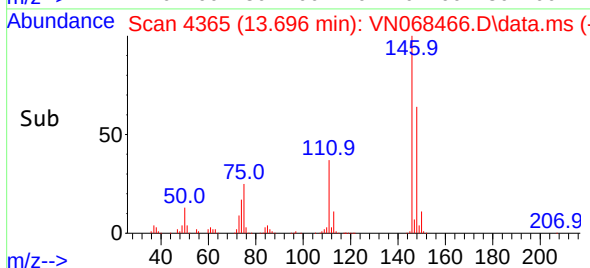
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

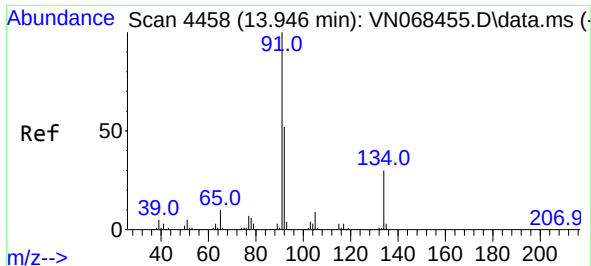


#84
1,4-Dichlorobenzene
Concen: 19.164 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



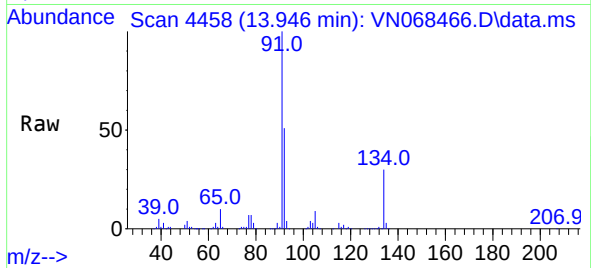
Tgt Ion:146 Resp: 252522
Ion Ratio Lower Upper
146 100
111 35.5 18.2 54.6
148 63.5 32.6 97.7





#85
n-Butylbenzene
Concen: 17.630 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

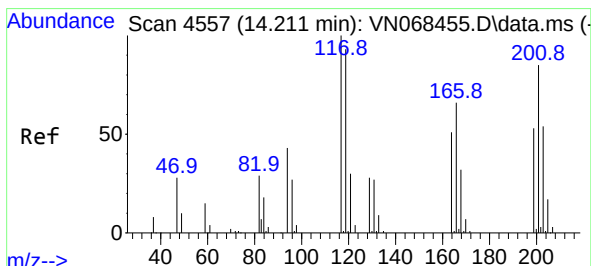
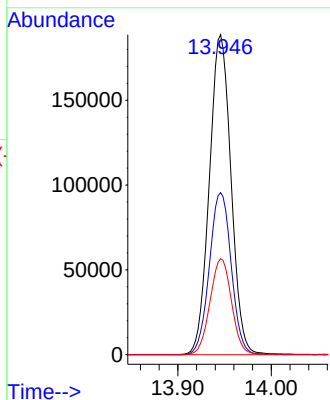
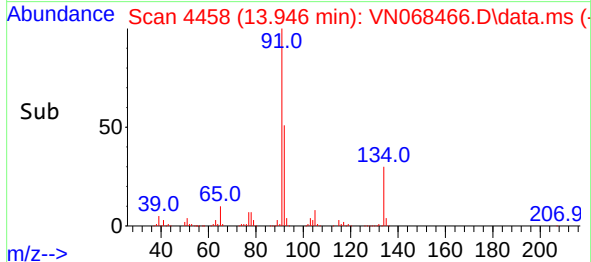
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 303990
Ion Ratio Lower Upper
91 100
92 51.2 0.0 102.4
134 29.7 0.0 58.8

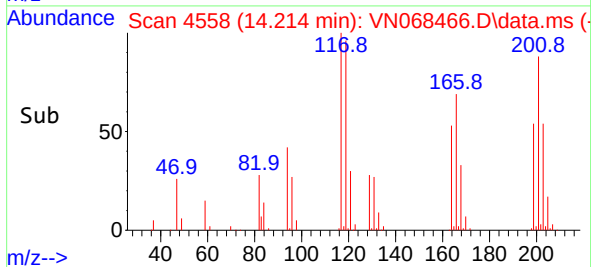
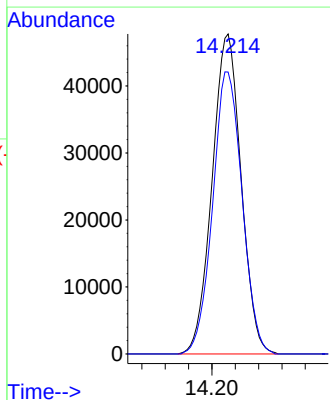
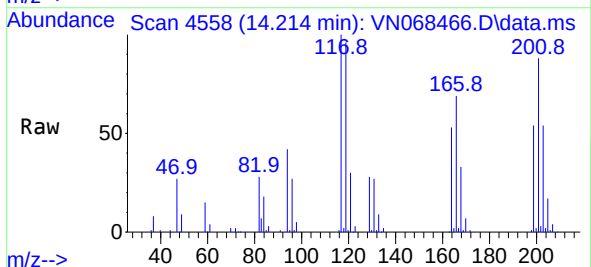
Manual Integrations
APPROVED

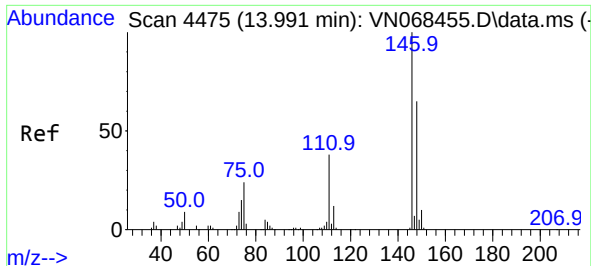
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#86
Hexachloroethane
Concen: 18.495 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

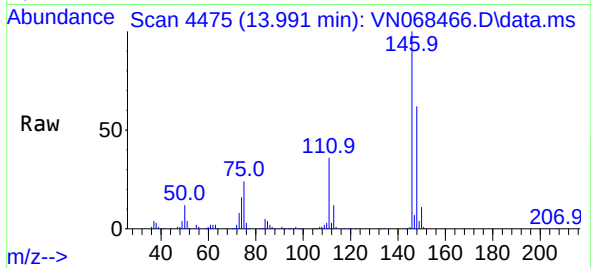
Tgt Ion:117 Resp: 82358
Ion Ratio Lower Upper
117 100
201 89.4 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 19.921 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

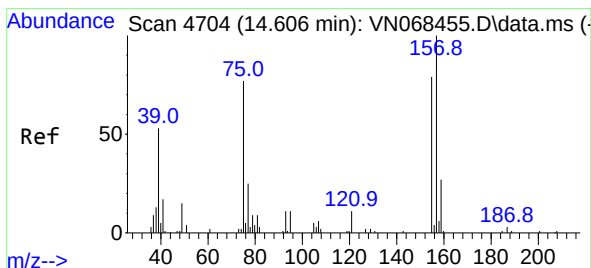
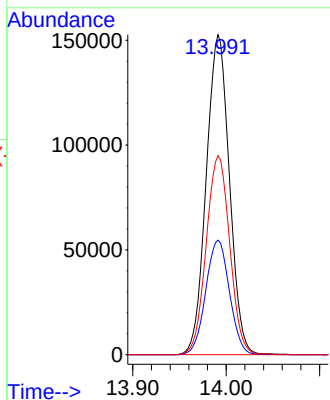
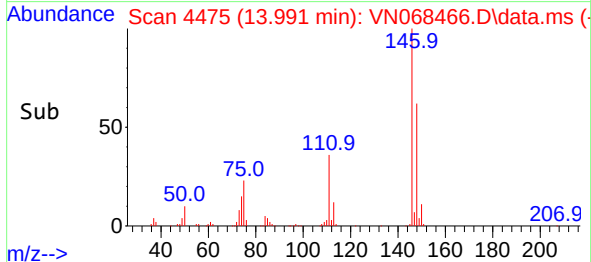
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



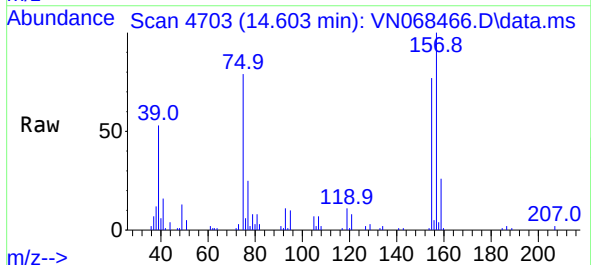
Tgt Ion:146 Resp: 26331
Ion Ratio Lower Upper
146 100
111 36.6 18.6 56.0
148 63.2 31.9 95.5

Manual Integrations
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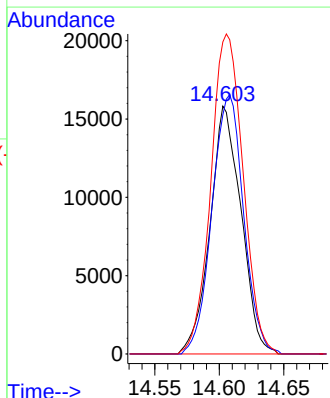
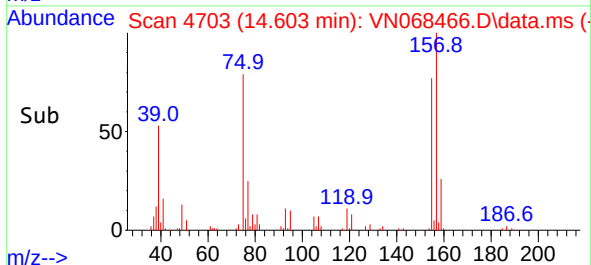
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

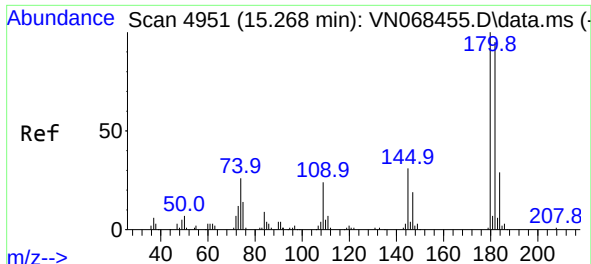


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.640 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



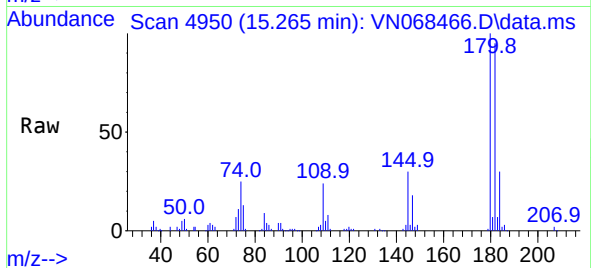
Tgt Ion: 75 Resp: 26482
Ion Ratio Lower Upper
75 100
155 106.8 83.3 124.9
157 134.5 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 16.582 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

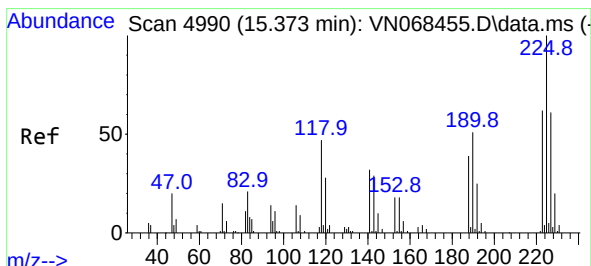
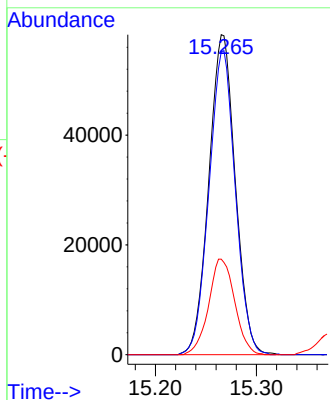
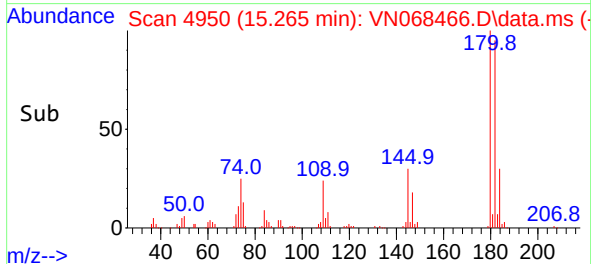
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



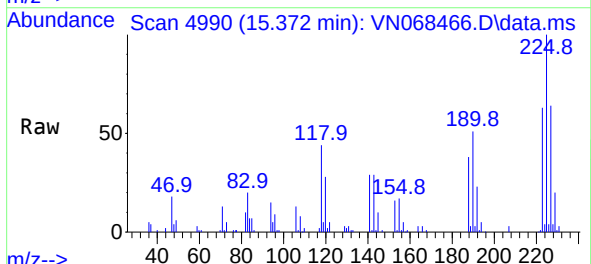
Tgt Ion:180 Resp: 10589
Ion Ratio Lower Upper
180 100
182 94.4 77.0 115.4
145 29.5 24.6 36.8

Manual Integrations
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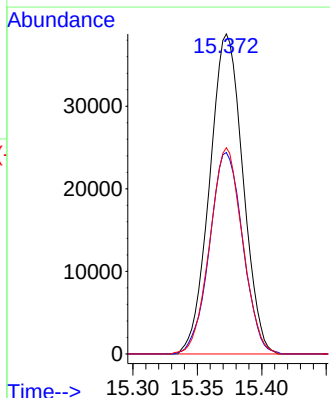
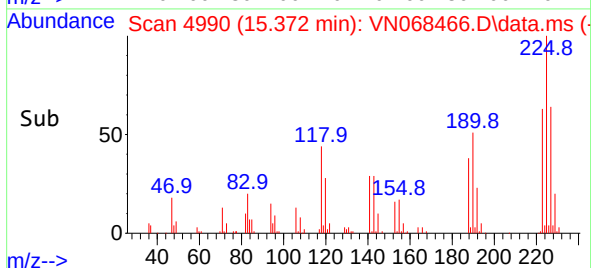
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

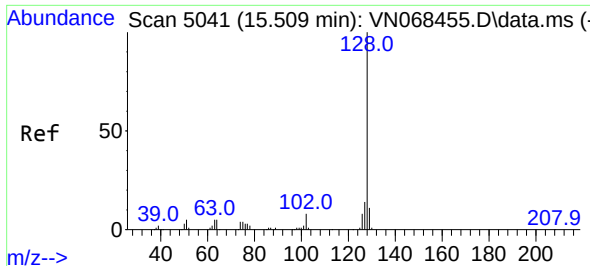


#90
Hexachlorobutadiene
Concen: 17.199 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



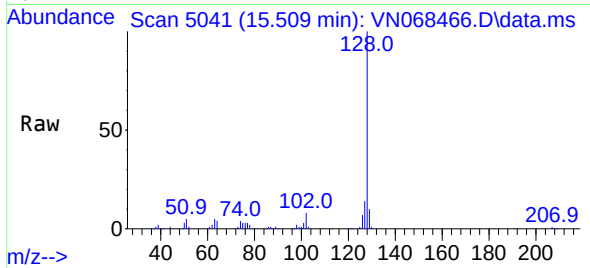
Tgt Ion:225 Resp: 69467
Ion Ratio Lower Upper
225 100
223 63.0 0.0 128.4
227 63.4 0.0 127.8





#91
Naphthalene
Concen: 19.457 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. -0.000 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59

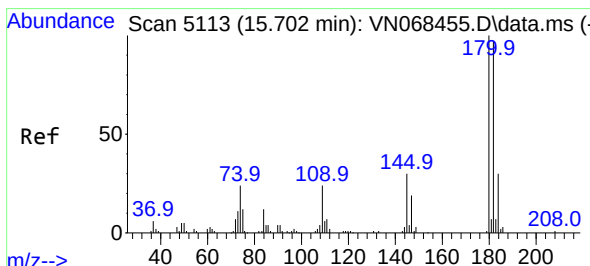
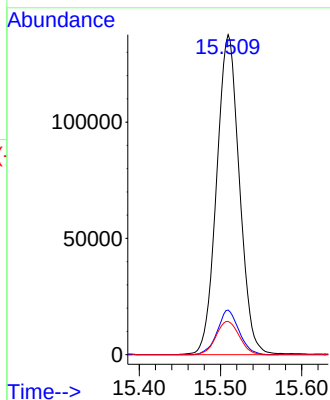
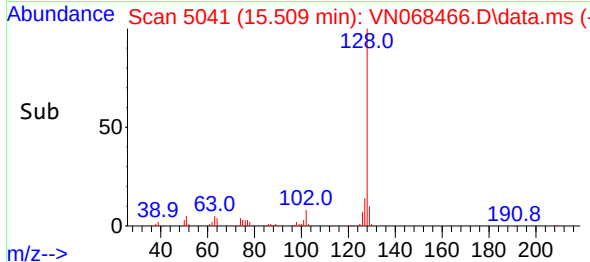
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



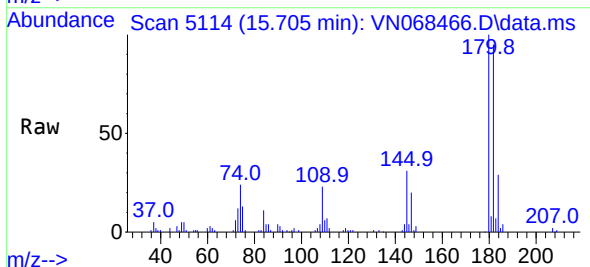
Tgt Ion:128 Resp: 268052
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#92
1,2,3-Trichlorobenzene
Concen: 16.985 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068466.D
Acq: 13 Sep 2021 19:59



Tgt Ion:180 Resp: 102151
Ion Ratio Lower Upper
180 100
182 97.1 0.0 191.2
145 31.6 0.0 61.8

