

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068455.D
 Acq On : 13 Sep 2021 14:04
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 04:10:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:08:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.665	128	95791	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	508179	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	469162	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	181624	32.105	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.033%			
60) 4-Bromofluorobenzene	12.733	95	200011	29.910	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.700%			
63) Toluene-d8	10.443	98	625413	30.642	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.133%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	88258	20.228	ug/l	100
3) Chloromethane	2.303	50	85304	20.211	ug/l	100
4) Vinyl Chloride	2.443	62	140144	20.951	ug/l	100
5) Bromomethane	2.861	94	139939	21.061	ug/l	100
6) Chloroethane	3.022	64	99439	20.827	ug/l	100
7) Trichlorofluoromethane	3.376	101	165051	20.017	ug/l	100
8) Diethyl Ether	3.829	74	50853	19.553	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.216	101	91643	19.512	ug/l	100
10) 1,1-Dichloroethene	4.186	96	85173	19.512	ug/l	100
11) Methyl Iodide	4.430	142	118156	17.433	ug/l	100
12) Methyl Acetate	4.859	43	89402	19.677	ug/l	100
13) Acrolein	4.041	56	33987m	93.074	ug/l	
14) Acrylonitrile	5.554	53	191572	97.363	ug/l	100
15) Acetone	4.291	58	54848	102.288	ug/l	100
16) Carbon Disulfide	4.537	76	217284	19.288	ug/l	100
17) Allyl chloride	4.846	41	106483	19.536	ug/l	100
18) Methylene Chloride	5.101	84	99510	19.043	ug/l	100
19) trans-1,2-Dichloroethene	5.599	96	94449	19.285	ug/l	100
20) Diisopropyl ether	6.495	45	240625	19.902	ug/l	100
21) 1,1-Dichloroethane	6.393	63	158573	19.734	ug/l	100
22) cis-1,2-Dichloroethene	7.332	96	112420	19.125	ug/l	100
23) tert-Butyl Alcohol	5.369	59	76703	96.466	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	286959	19.306	ug/l	100
25) Chloroform	7.820	83	192276	19.994	ug/l	100
26) Cyclohexane	8.099	56	133131	19.597	ug/l #	100
29) 1,1-Dichloropropene	8.222	75	132027	19.391	ug/l	100
30) 2-Butanone	7.337	43	253557	97.571	ug/l	100
31) 2,2-Dichloropropane	7.327	77	152131	19.416	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	178126	19.265	ug/l	100
33) Carbon Tetrachloride	8.209	117	163632	18.933	ug/l	100
34) Benzene	8.461	78	401969	19.360	ug/l	100
35) Methacrylonitrile	7.640	41	49670	19.818	ug/l	100
36) 1,2-Dichloroethane	8.534	62	139885	20.010	ug/l	100
37) Trichloroethene	9.217	130	123084	18.444	ug/l	100
38) Methylcyclohexane	9.464	83	165176	18.873	ug/l	100
39) 1,2-Dichloropropane	9.491	63	93873	19.210	ug/l	100
40) Dibromomethane	9.579	93	77679	19.348	ug/l	100
41) Bromodichloromethane	9.765	83	148903	19.190	ug/l	100
42) Vinyl Acetate	6.436	43	928231	99.418	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	104691	18.569	ug/l #	82
44) Isopropyl Acetate	8.563	43	185334	19.791	ug/l	100
45) 1,4-Dioxane	9.569	88	36338	383.019	ug/l	100
46) Methyl methacrylate	9.561	41	71165	18.752	ug/l	100
47) n-amyl Acetate	12.390	43	117583	17.847	ug/l	100
48) t-1,3-Dichloropropene	10.722	75	144515	18.395	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	159106	18.844	ug/l	100
50) 1,1,2-Trichloroethane	10.899	97	110686	19.077	ug/l	100
51) Ethyl methacrylate	10.762	69	137540	18.462	ug/l	100
52) 1,3-Dichloropropane	11.047	76	167168	19.374	ug/l	100
53) Dibromochloromethane	11.242	129	130780	18.330	ug/l	100
54) 1,2-Dibromoethane	11.347	107	116476	18.718	ug/l	100
55) 2-Chloroethyl vinyl ether	10.043	63	98470	78.077	ug/l	100
56) Bromoform	12.463	173	97295	16.978	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	545660	98.801	ug/l	100
59) 2-Hexanone	11.089	43	371029	96.934	ug/l	100
61) Tetrachloroethene	10.979	164	129562	19.206	ug/l	100
62) Toluene	10.507	91	473382	19.171	ug/l	100
64) Chlorobenzene	11.773	112	306869	18.843	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	124814	18.779	ug/l	100
66) Ethyl Benzene	11.848	91	501360	18.682	ug/l	100
67) m/p-Xylenes	11.956	106	422515	38.195	ug/l	100
68) o-Xylene	12.283	106	204219	18.698	ug/l	100
69) Styrene	12.296	104	326638	18.861	ug/l	100
70) Isopropylbenzene	12.581	105	523502	18.878	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	149151	19.760	ug/l	100
72) 1,2,3-Trichloropropane	12.884	75	125454m	20.673	ug/l	
73) Bromobenzene	12.865	156	141398	17.962	ug/l	100
74) n-propylbenzene	12.924	91	563881	18.855	ug/l	100
75) 2-Chlorotoluene	13.010	91	342390	19.024	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	436781	18.866	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	37451	18.061	ug/l	100
78) 4-Chlorotoluene	13.106	91	325684	18.856	ug/l	100
79) tert-butylbenzene	13.326	119	399683	18.791	ug/l	100
80) 1,2,4-Trimethylbenzene	13.372	105	422127m	15.603	ug/l	
81) sec-Butylbenzene	13.506	105	527809	18.773	ug/l	100
82) p-Isopropyltoluene	13.619	119	437442	18.140	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	247445	18.084	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	232557	17.742	ug/l	100
85) n-Butylbenzene	13.946	91	297507	17.344	ug/l	100
86) Hexachloroethane	14.211	117	82053	18.523	ug/l	100
87) 1,2-Dichlorobenzene	13.991	146	238893	18.169	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.606	75	23322	18.272	ug/l	100
89) 1,2,4-Trichlorobenzene	15.268	180	97059	15.278	ug/l	100
90) Hexachlorobutadiene	15.373	225	67640	16.834	ug/l	100
91) Naphthalene	15.509	128	207178	15.117	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	95913	16.031	ug/l	100

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

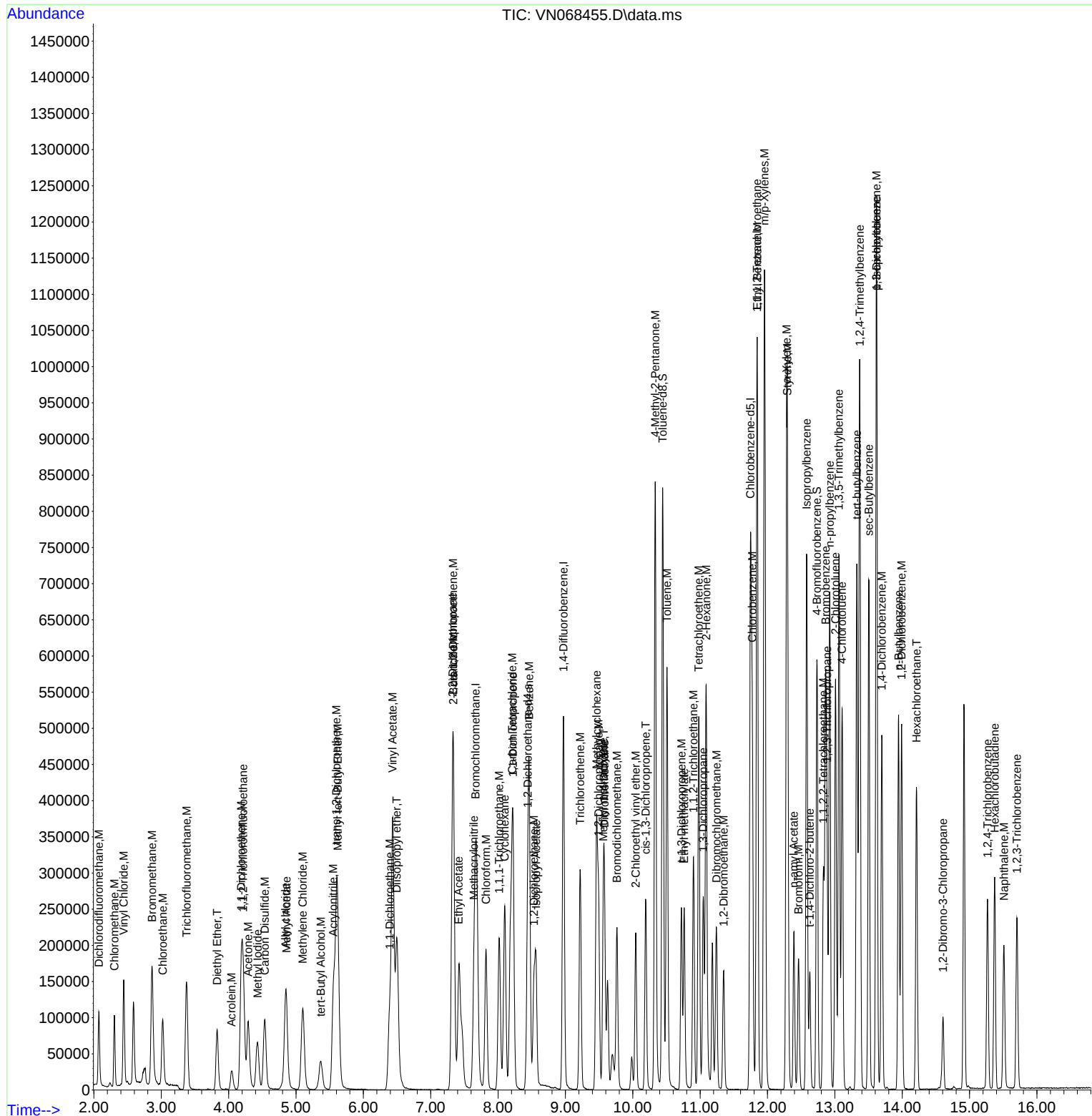
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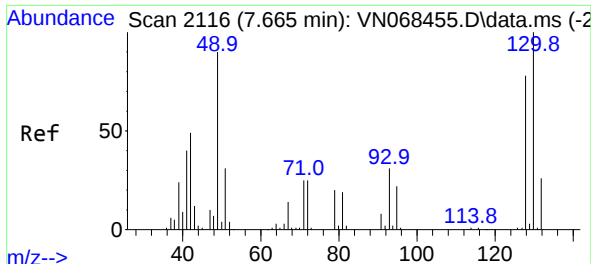
Instrument :
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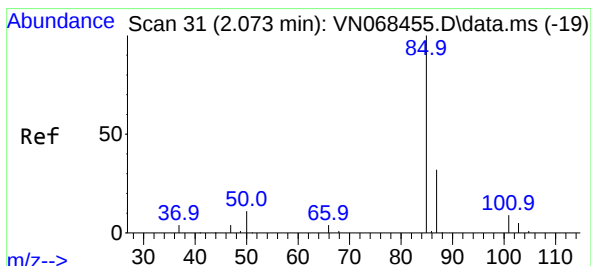
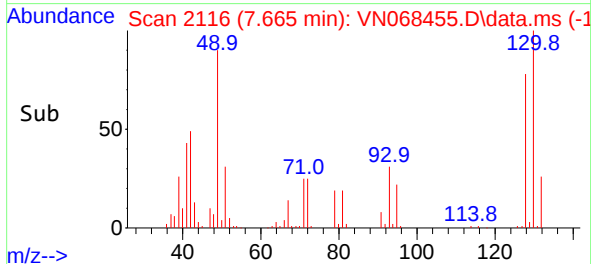
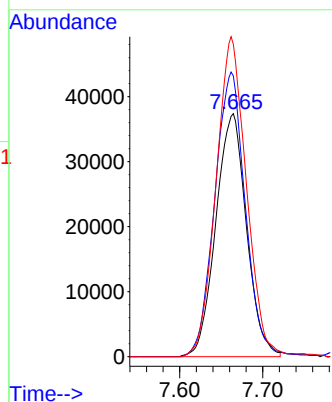
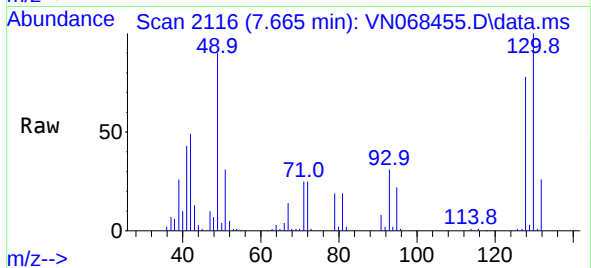
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 9579
Ion Ratio Lower Upper
128 100
49 117.0 0.0 292.5
130 130.0 0.0 325.0

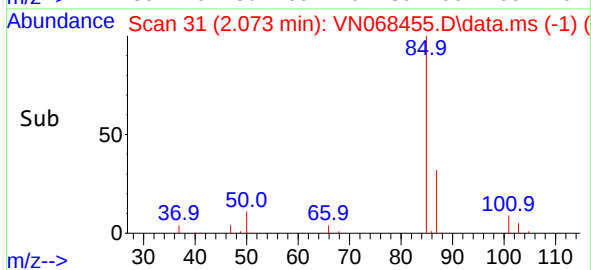
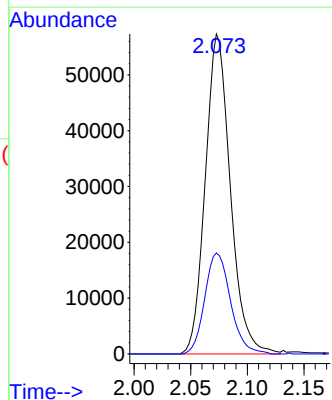
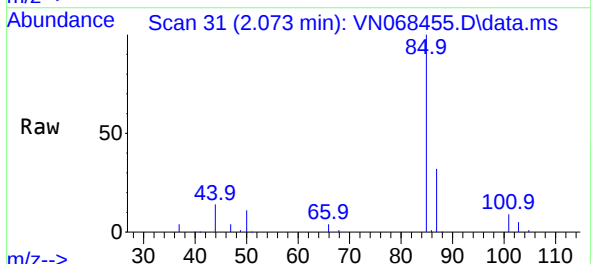
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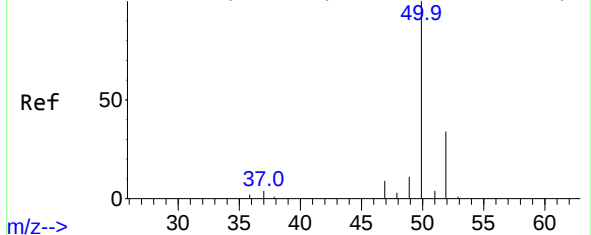


#2
Dichlorodifluoromethane
Concen: 20.228 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion: 85 Resp: 88258
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.3



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



#3

Chloromethane

Concen: 20.211 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 50 Resp: 85304

Ion Ratio Lower Upper

50 100

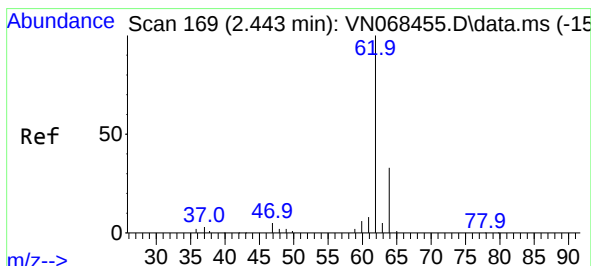
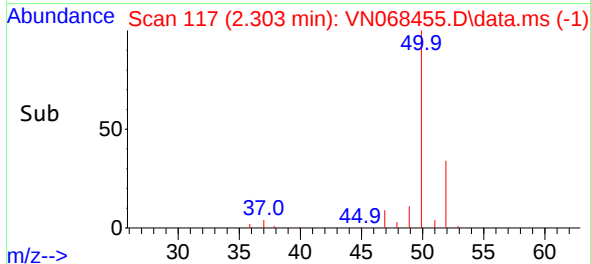
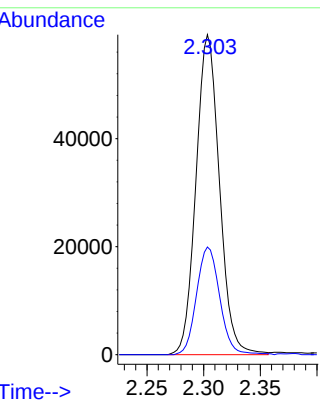
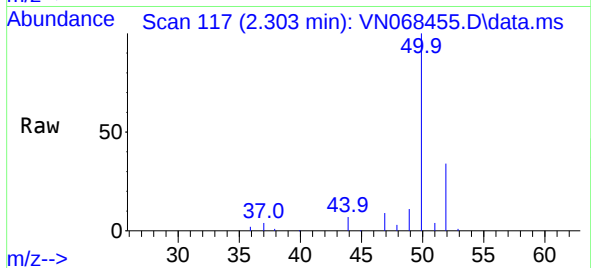
52 33.7 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.951 ug/l

RT: 2.443 min Scan# 169

Delta R.T. 0.000 min

Lab File: VN068455.D

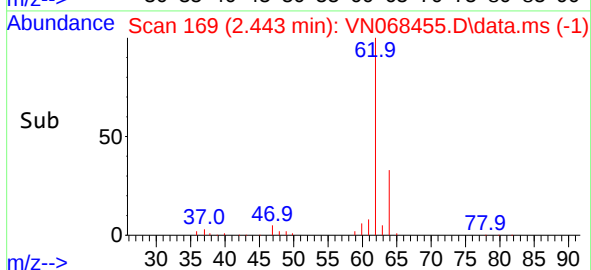
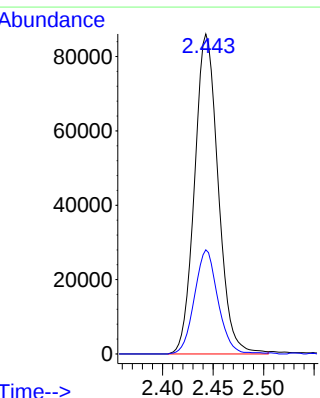
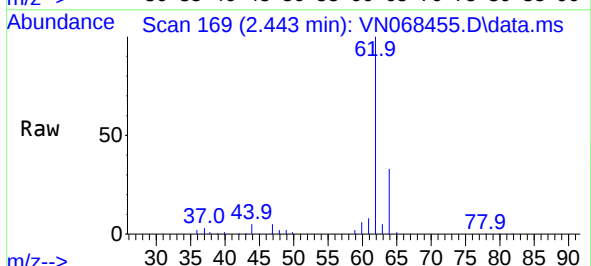
Acq: 13 Sep 2021 14:04

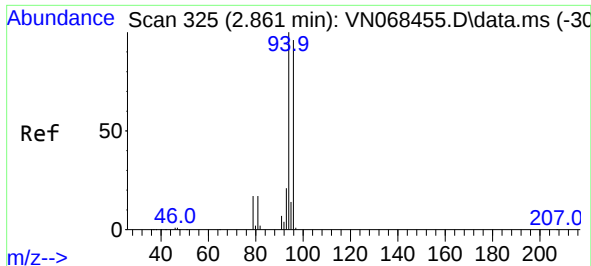
Tgt Ion: 62 Resp: 140144

Ion Ratio Lower Upper

62 100

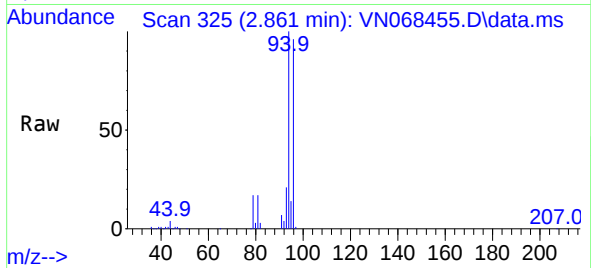
64 32.6 26.1 39.1





#5
Bromomethane
Concen: 21.061 ug/l
RT: 2.861 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

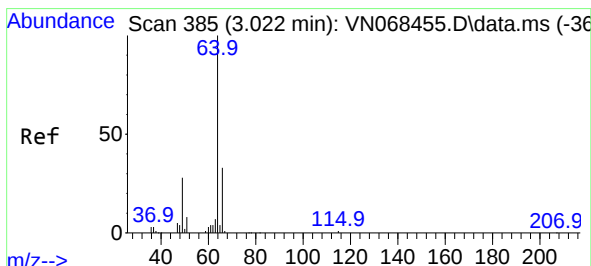
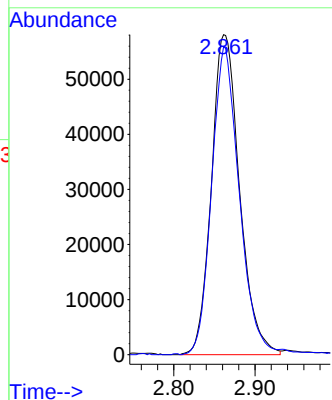
Instrument :
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Tgt Ion: 94 Resp: 139939
Ion Ratio Lower Upper
94 100
96 96.2 77.0 115.4

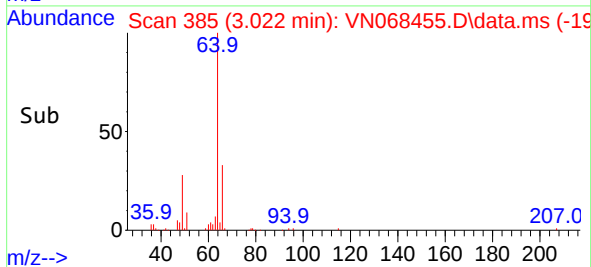
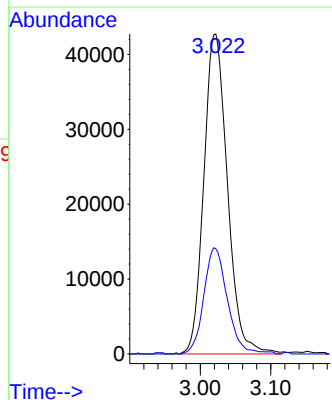
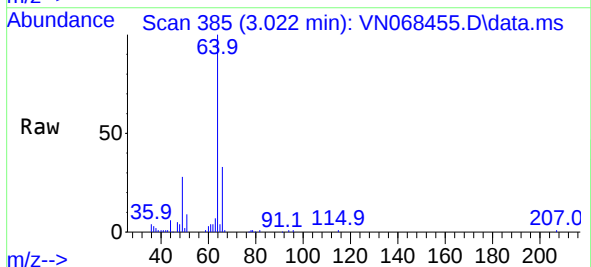
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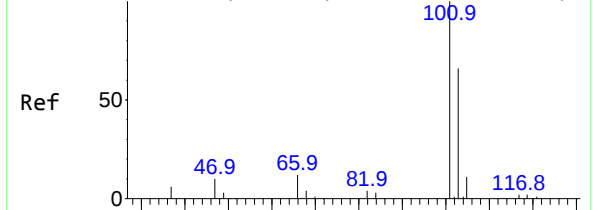


#6
Chloroethane
Concen: 20.827 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion: 64 Resp: 99439
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5



Abundance Scan 517 (3.376 min): VN068455.D\data.ms (-49



#7

Trichlorofluoromethane

Concen: 20.017 ug/l

RT: 3.376 min Scan# 517

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:101 Resp: 16505

Ion Ratio Lower Upper

101 100

103 65.5 52.4 78.6

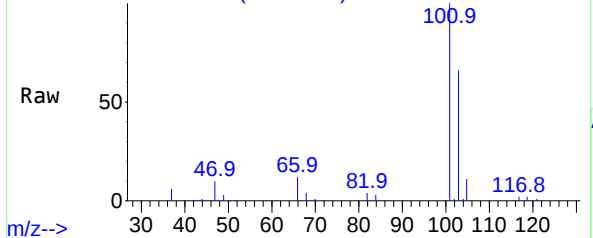
Manual Integrations

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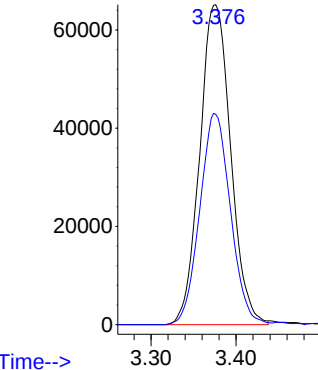
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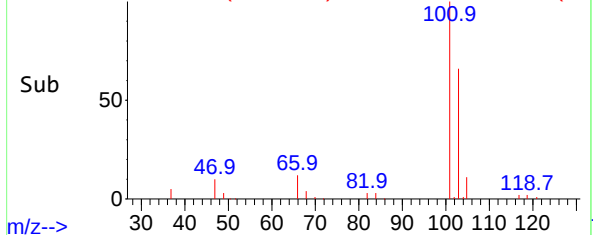
Abundance Scan 517 (3.376 min): VN068455.D\data.ms



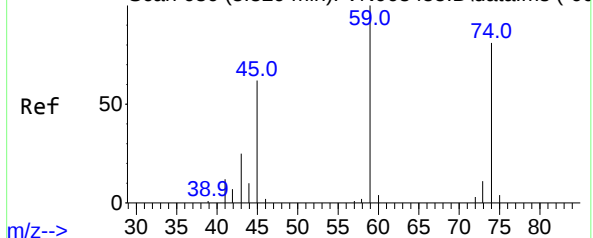
Abundance



Abundance Scan 517 (3.376 min): VN068455.D\data.ms (-33



Abundance Scan 686 (3.829 min): VN068455.D\data.ms (-66



#8

Diethyl Ether

Concen: 19.553 ug/l

RT: 3.829 min Scan# 686

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

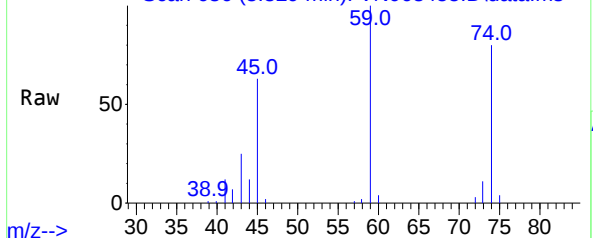
Tgt Ion: 74 Resp: 50853

Ion Ratio Lower Upper

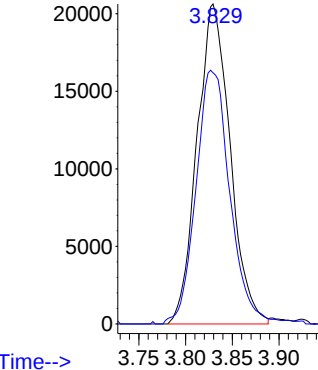
74 100

45 81.1 16.2 146.0

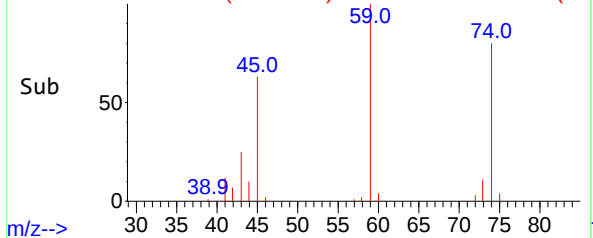
Abundance Scan 686 (3.829 min): VN068455.D\data.ms

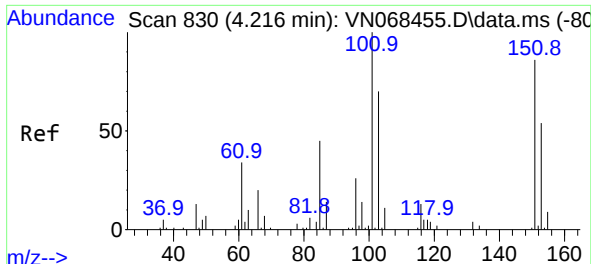


Abundance



Abundance Scan 686 (3.829 min): VN068455.D\data.ms (-61





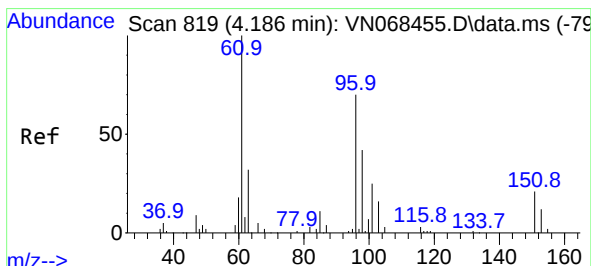
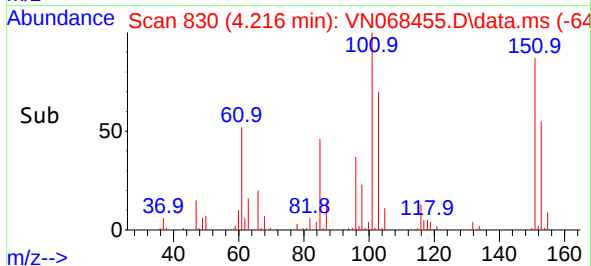
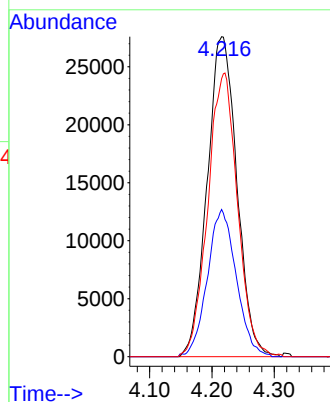
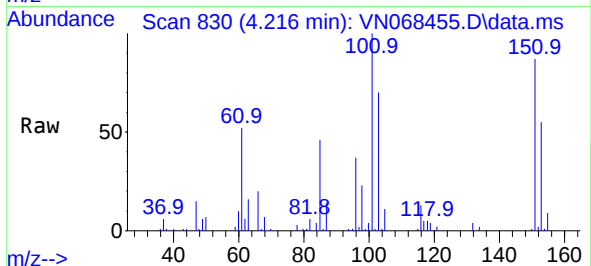
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.512 ug/l
RT: 4.216 min Scan# 810
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 9164
Ion Ratio Lower Upper
101 100
85 44.6 0.0 89.2
151 88.2 0.0 176.4

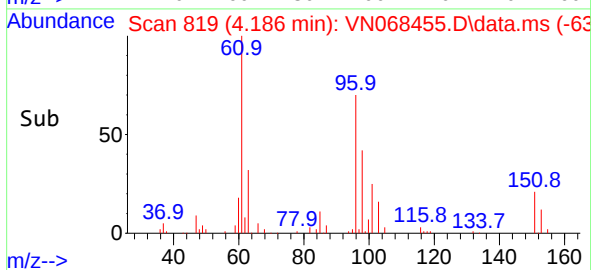
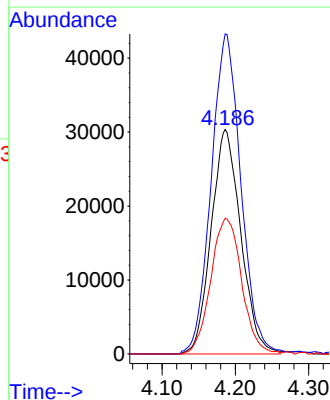
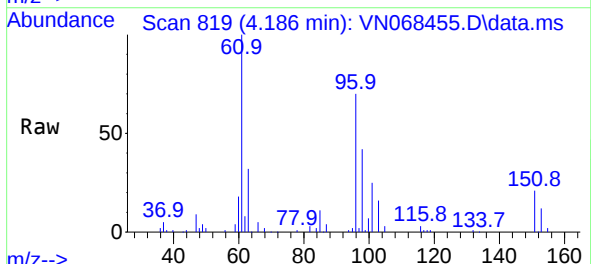
Manual Integrations
APPROVED

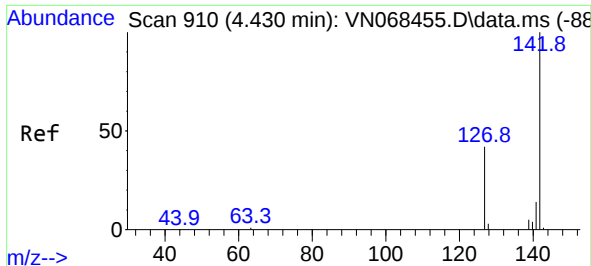
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#10
1,1-Dichloroethene
Concen: 19.512 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

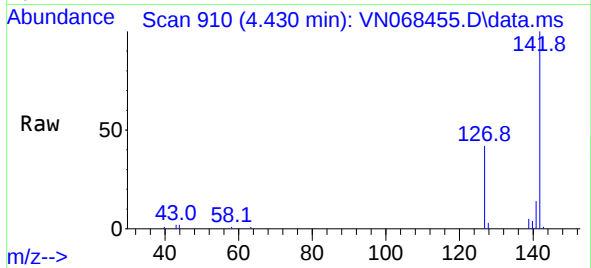
Tgt Ion: 96 Resp: 85173
Ion Ratio Lower Upper
96 100
61 142.6 114.1 171.1
98 60.4 48.3 72.5





#11
Methyl Iodide
Concen: 17.433 ug/l
RT: 4.430 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

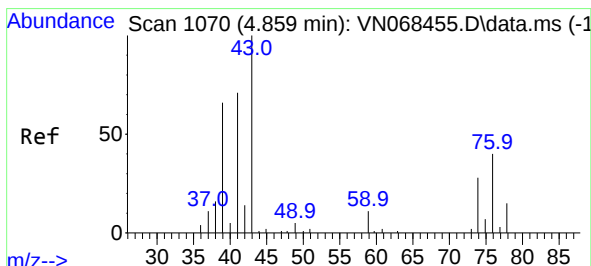
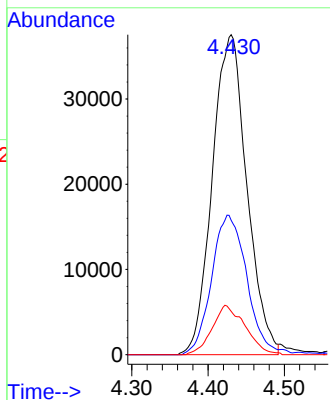
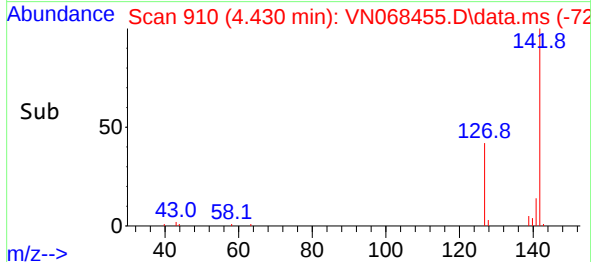
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



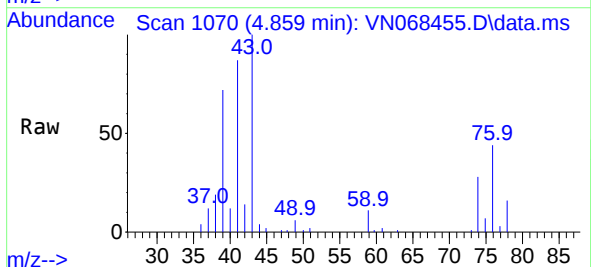
Tgt Ion:142 Resp: 118150
Ion Ratio Lower Upper
142 100
127 41.9 20.9 62.8
141 13.5 6.8 20.3

Manual Integrations
APPROVED

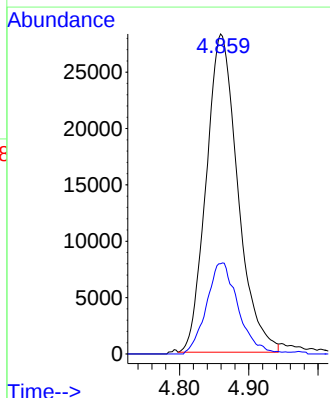
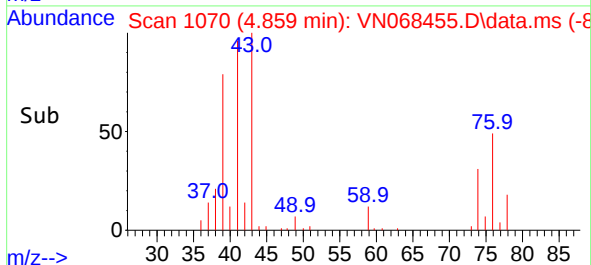
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

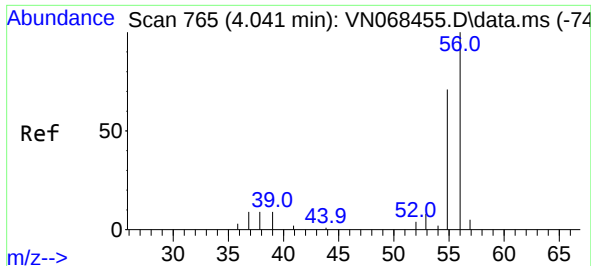


#12
Methyl Acetate
Concen: 19.677 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



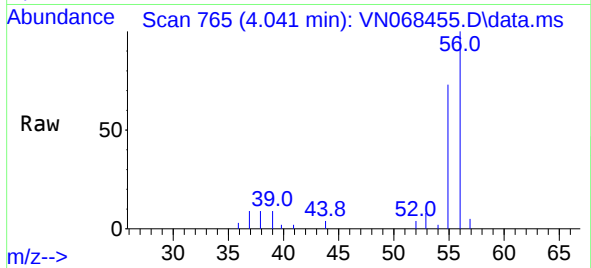
Tgt Ion: 43 Resp: 89402
Ion Ratio Lower Upper
43 100
74 28.3 22.6 34.0





#13
Acrolein
Concen: 93.074 ug/l m
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

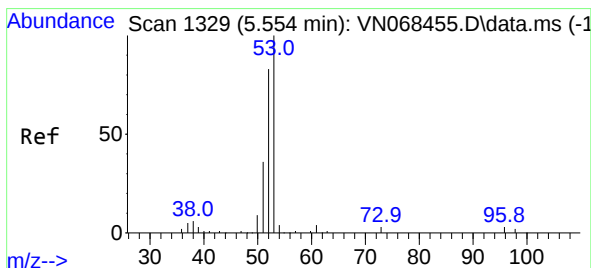
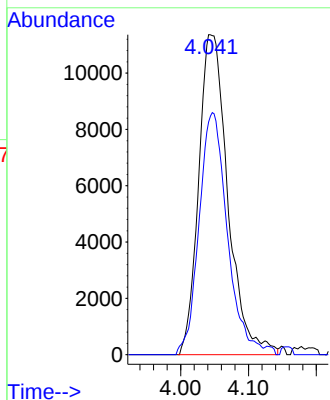
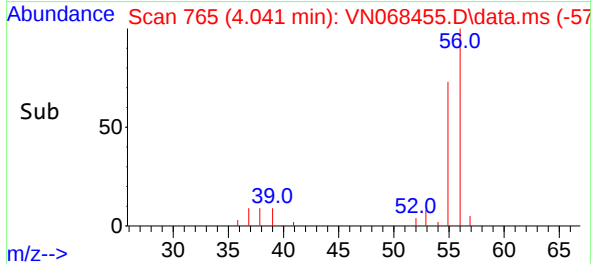
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



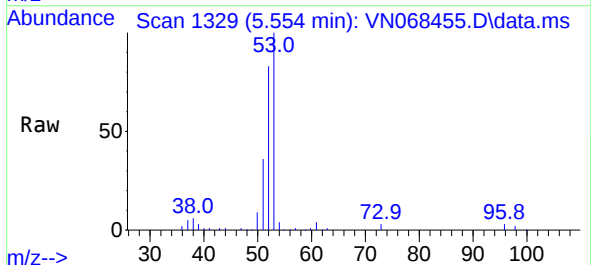
Tgt Ion: 56 Resp: 3398
Ion Ratio Lower Upper
56 100
55 71.5 57.2 85.8

Manual Integrations
APPROVED

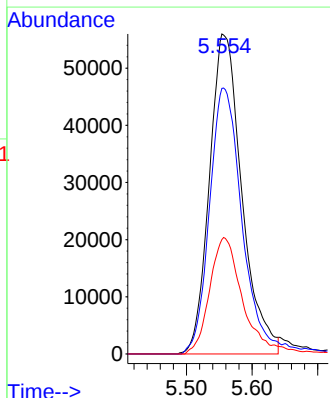
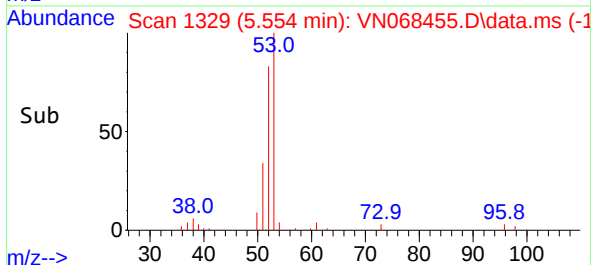
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

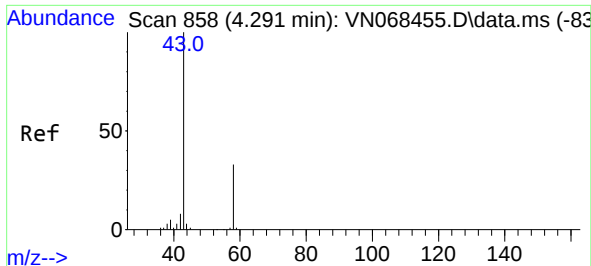


#14
Acrylonitrile
Concen: 97.363 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



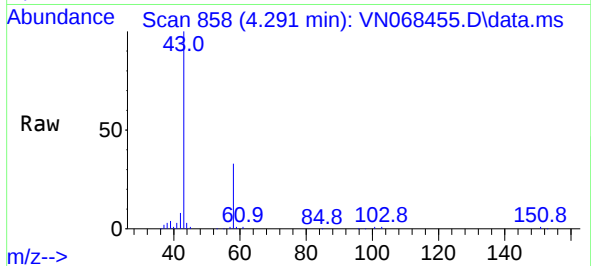
Tgt Ion: 53 Resp: 191572
Ion Ratio Lower Upper
53 100
52 83.0 41.5 124.5
51 35.8 17.9 53.7





#15
Acetone
Concen: 102.288 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

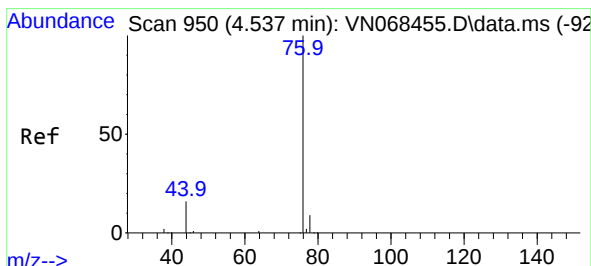
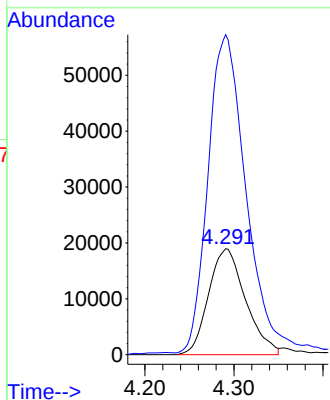
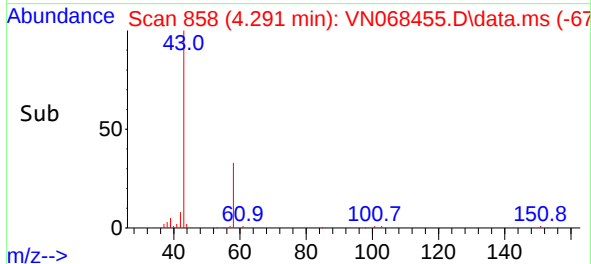
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 54848
Ion Ratio Lower Upper
58 100
43 299.9 239.9 359.9

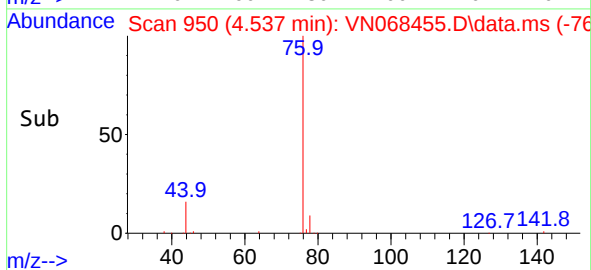
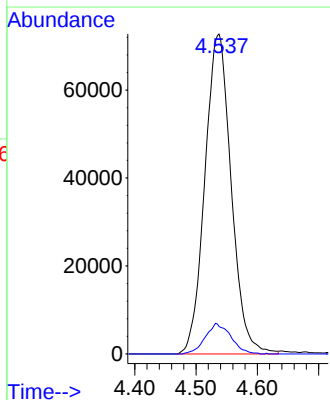
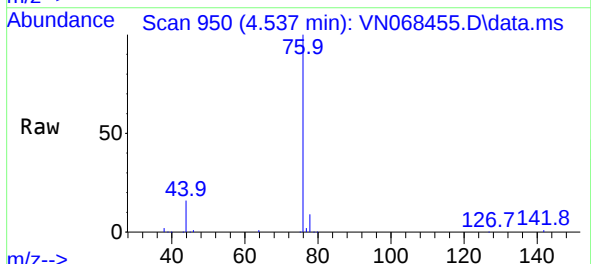
Manual Integrations
APPROVED

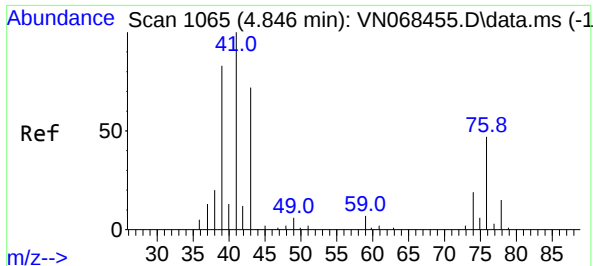
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#16
Carbon Disulfide
Concen: 19.288 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

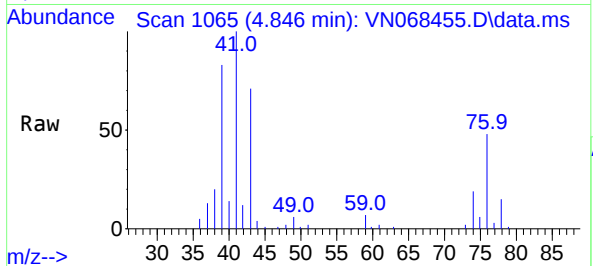
Tgt Ion: 76 Resp: 217284
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3





#17
 Allyl chloride
 Concen: 19.536 ug/l
 RT: 4.846 min Scan# 1065
 Delta R.T. 0.000 min
 Lab File: VN068455.D
 Acq: 13 Sep 2021 14:04

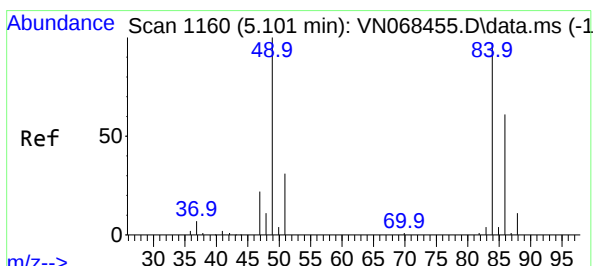
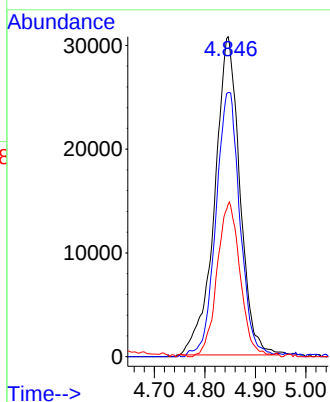
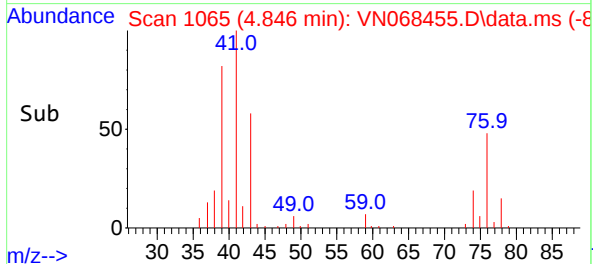
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 10648
 Ion Ratio Lower Upper
 41 100
 39 83.0 41.5 124.5
 76 47.3 23.6 71.0

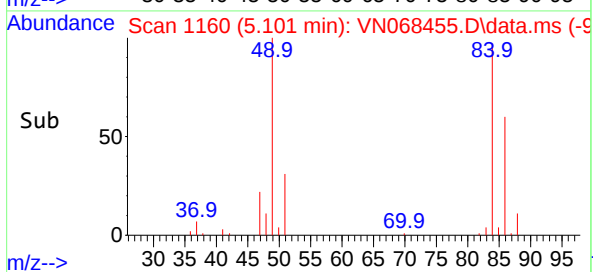
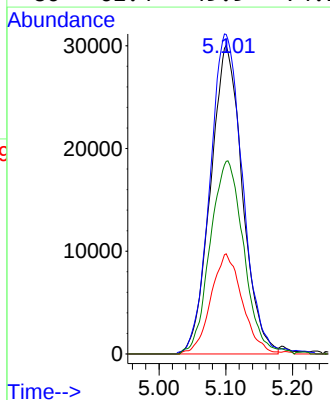
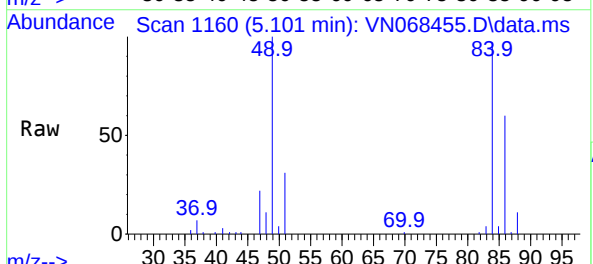
Manual Integrations
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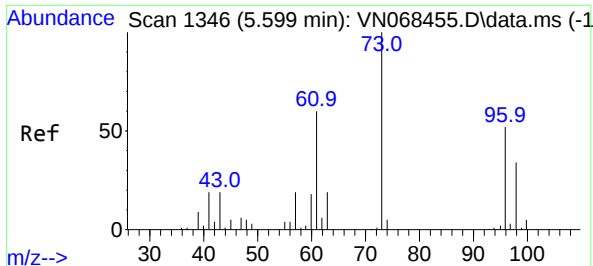
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#18
 Methylene Chloride
 Concen: 19.043 ug/l
 RT: 5.101 min Scan# 1160
 Delta R.T. 0.000 min
 Lab File: VN068455.D
 Acq: 13 Sep 2021 14:04

Tgt Ion: 84 Resp: 99510
 Ion Ratio Lower Upper
 84 100
 49 103.0 82.4 123.6
 51 32.4 25.9 38.9
 86 62.4 49.9 74.9





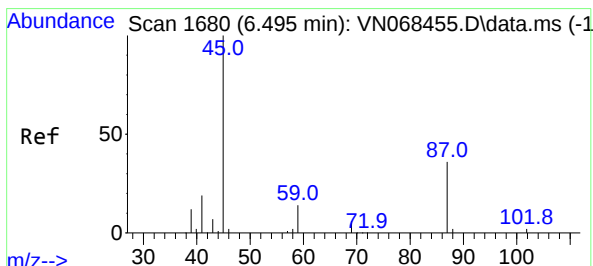
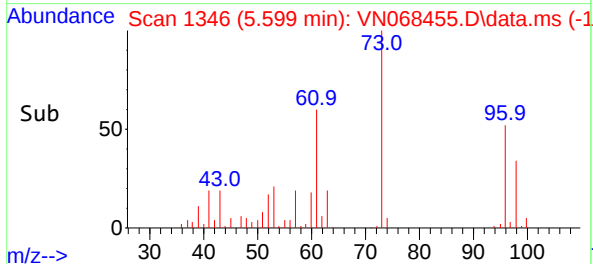
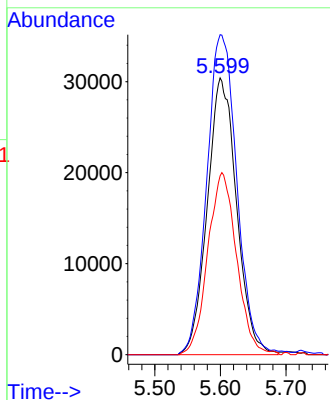
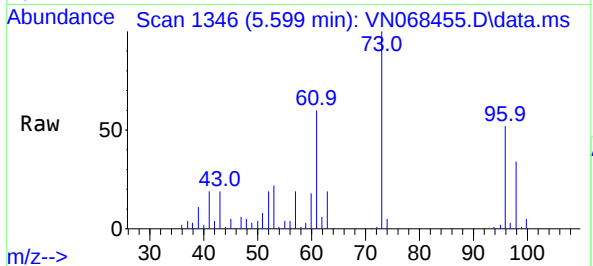
#19
trans-1,2-Dichloroethene
Concen: 19.285 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 94449
Ion Ratio Lower Upper
96 100
61 115.6 92.5 138.7
98 64.6 51.7 77.5

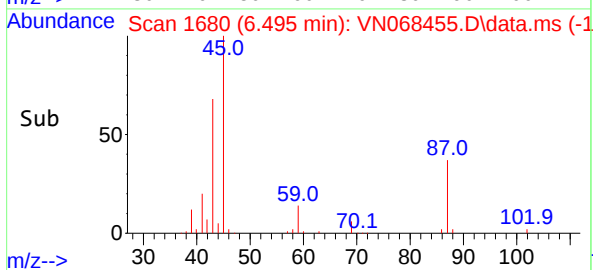
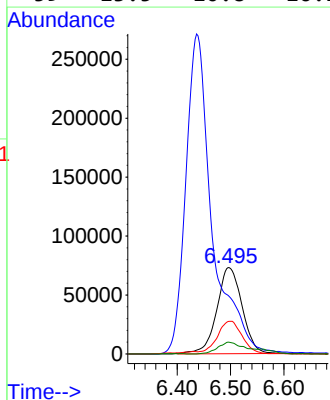
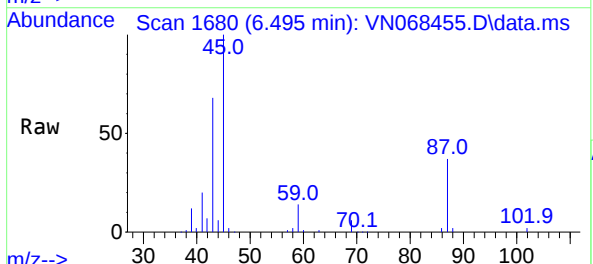
Manual Integrations
APPROVED

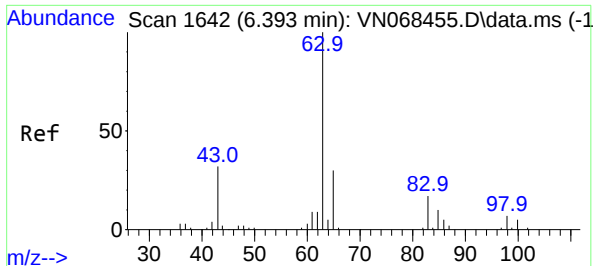
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#20
Diisopropyl ether
Concen: 19.902 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion: 45 Resp: 240625
Ion Ratio Lower Upper
45 100
43 65.2 52.2 78.2
87 37.3 29.8 44.8
59 13.5 10.8 16.2





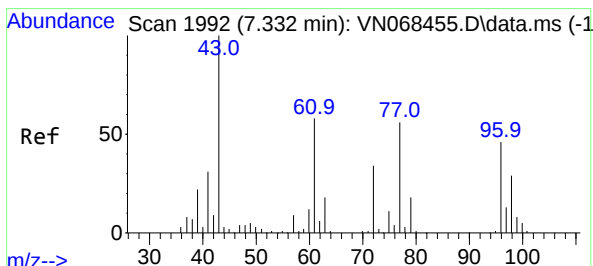
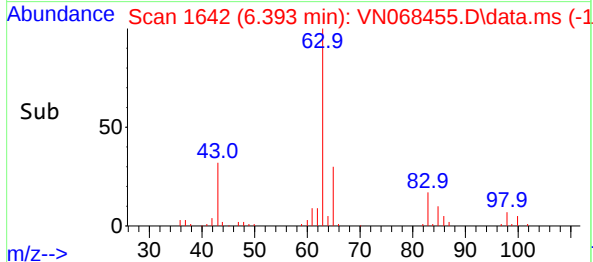
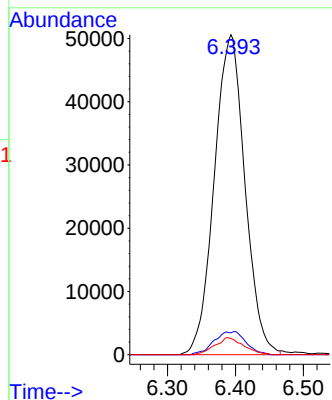
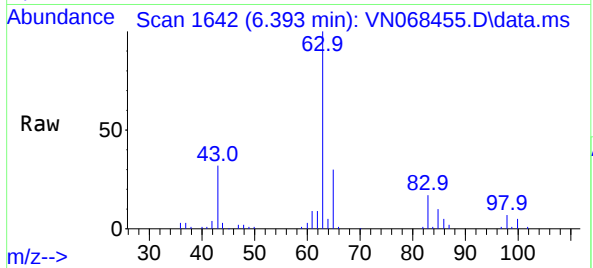
#21
1,1-Dichloroethane
Concen: 19.734 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 15857
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.4
100 5.0 2.5 7.5

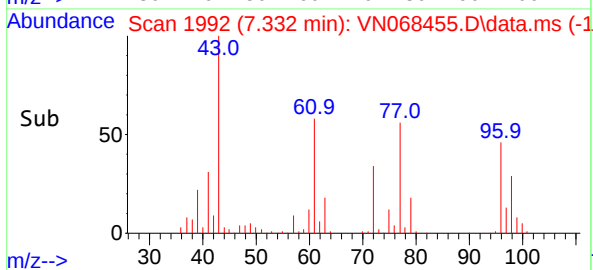
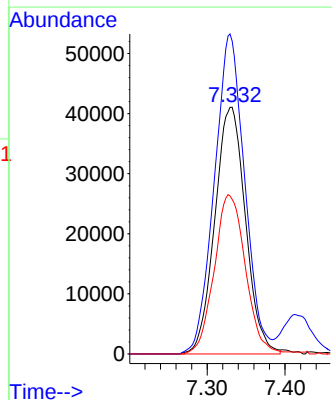
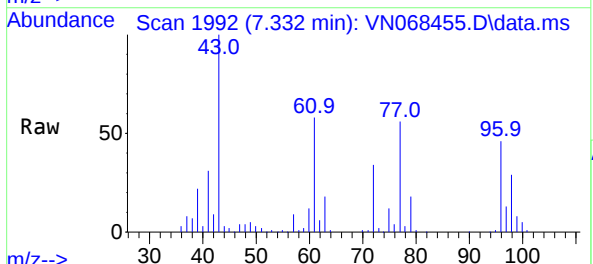
Manual Integrations
APPROVED

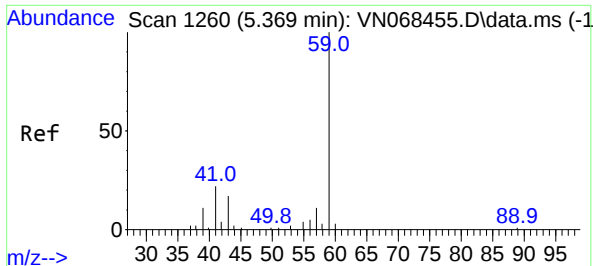
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#22
cis-1,2-Dichloroethene
Concen: 19.125 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

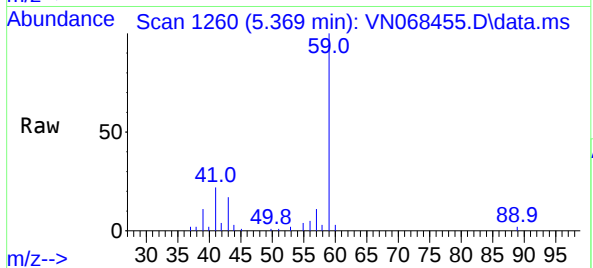
Tgt Ion: 96 Resp: 112420
Ion Ratio Lower Upper
96 100
61 127.9 102.3 153.5
98 65.4 52.3 78.5





#23
tert-Butyl Alcohol
Concen: 96.466 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

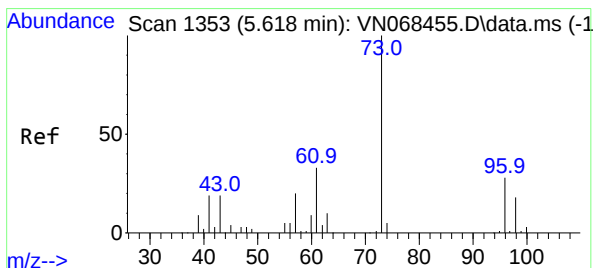
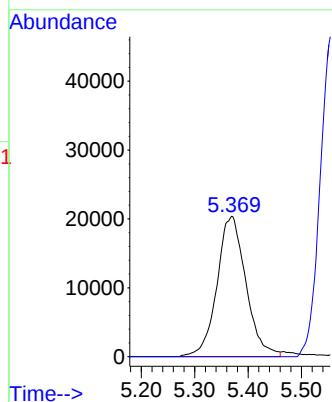
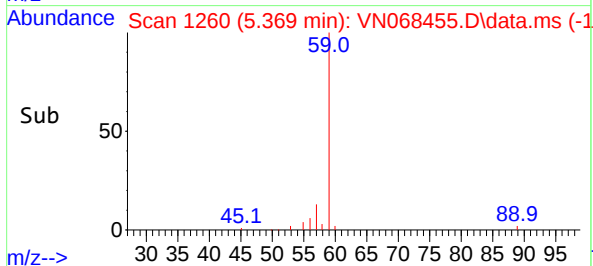
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 7670
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

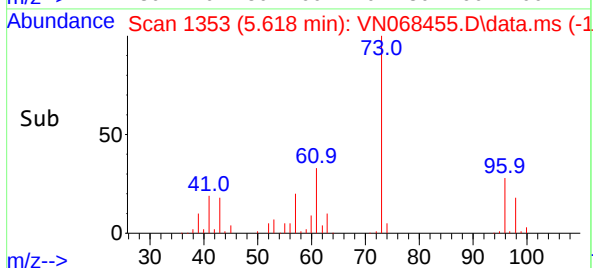
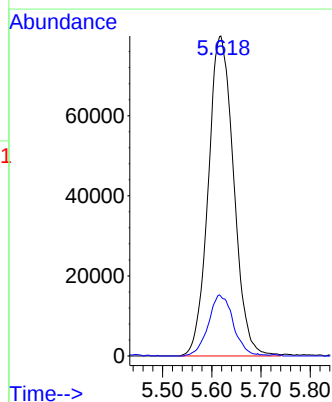
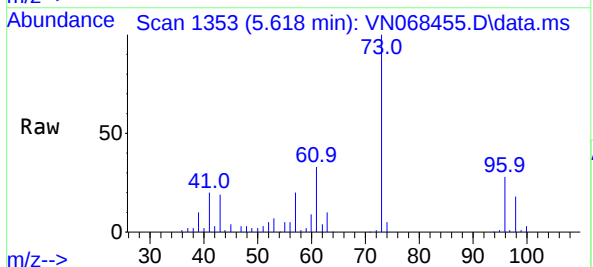
Manual Integrations
APPROVED

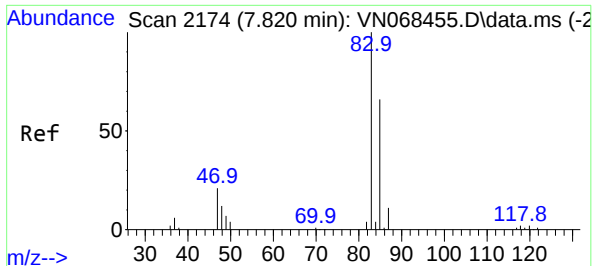
Reviewed By :John Carbone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#24
Methyl tert-Butyl Ether
Concen: 19.306 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion: 73 Resp: 286959
Ion Ratio Lower Upper
73 100
43 18.6 14.9 22.3





#25

Chloroform

Concen: 19.994 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 192270

Ion Ratio Lower Upper

83 100

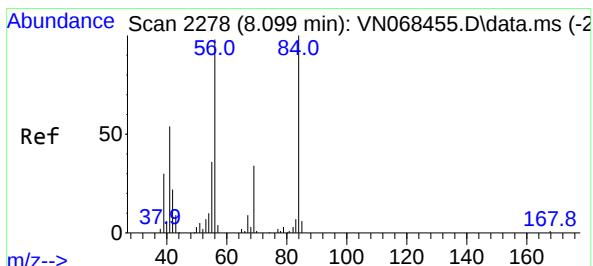
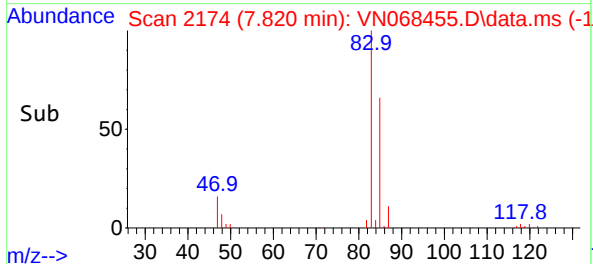
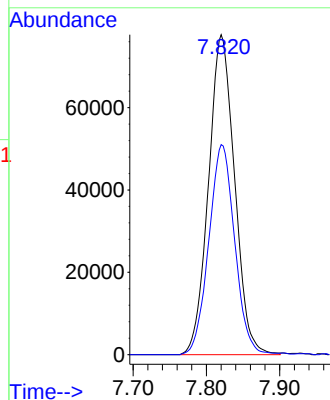
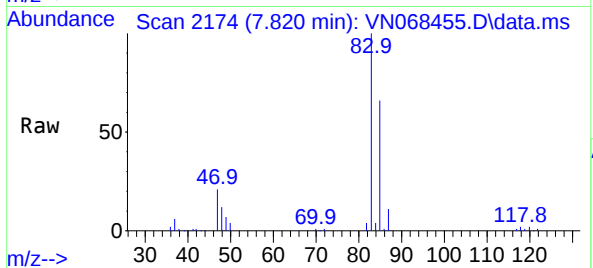
85 65.7 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#26

Cyclohexane

Concen: 19.597 ug/l

RT: 8.099 min Scan# 2278

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

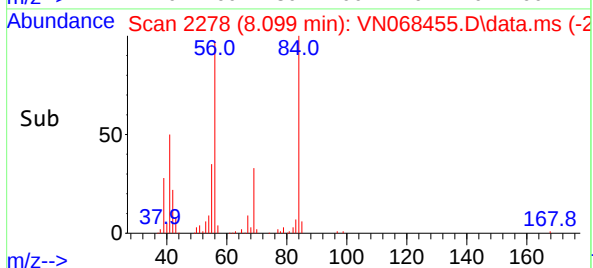
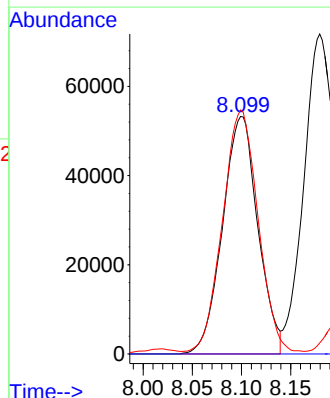
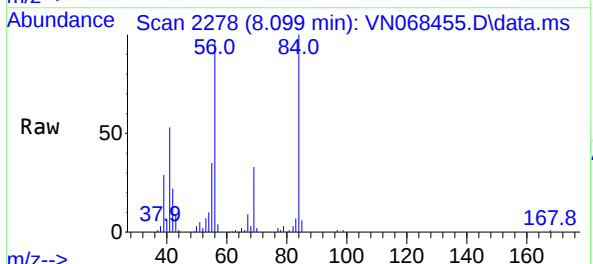
Tgt Ion: 56 Resp: 133131

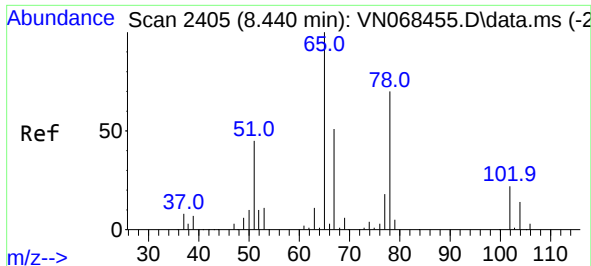
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

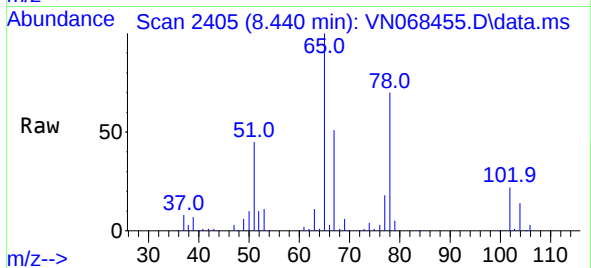
84 103.5 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 32.105 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

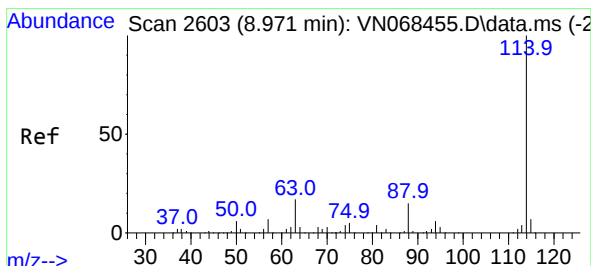
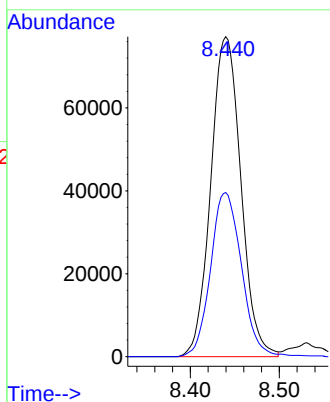
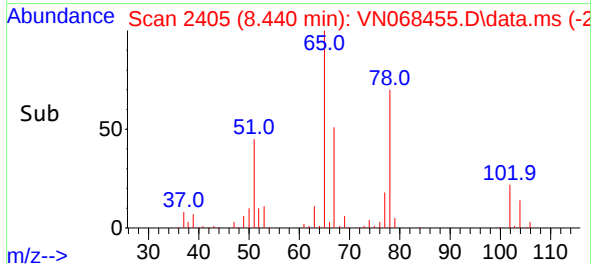
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



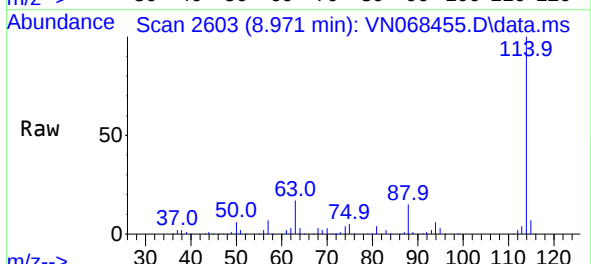
Tgt Ion: 65 Resp: 181624
Ion Ratio Lower Upper
65 100
67 52.3 41.8 62.8

Manual Integrations
APPROVED

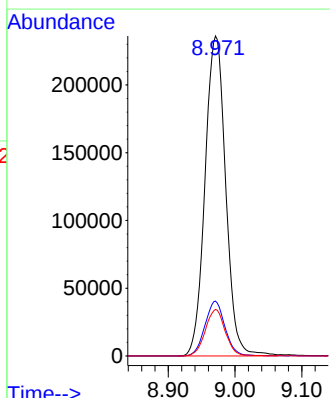
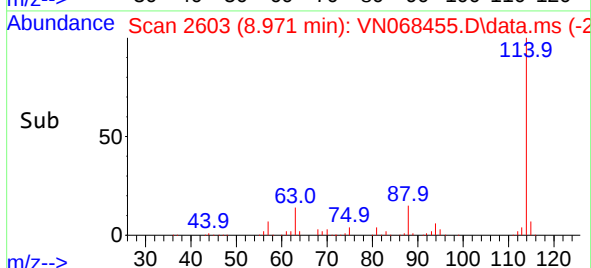
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

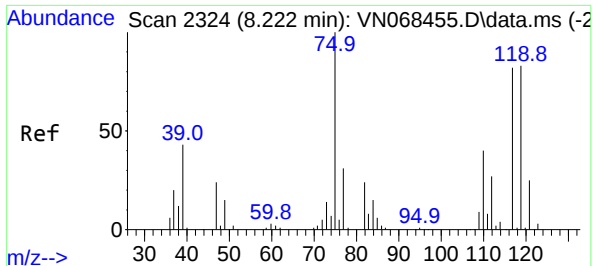


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion:114 Resp: 508179
Ion Ratio Lower Upper
114 100
63 16.7 13.4 20.0
88 13.9 11.1 16.7





#29

1,1-Dichloropropene

Concen: 19.391 ug/l

RT: 8.222 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 13202

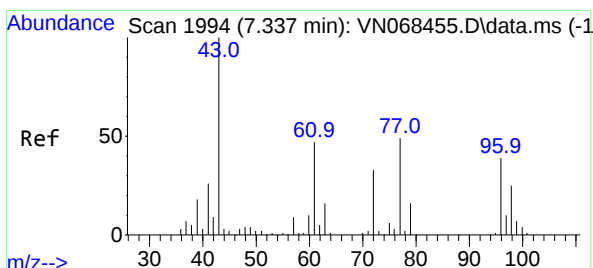
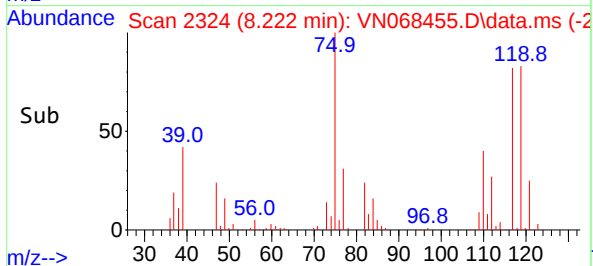
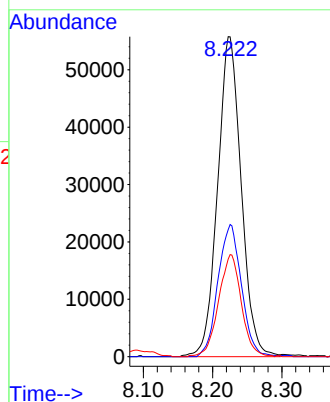
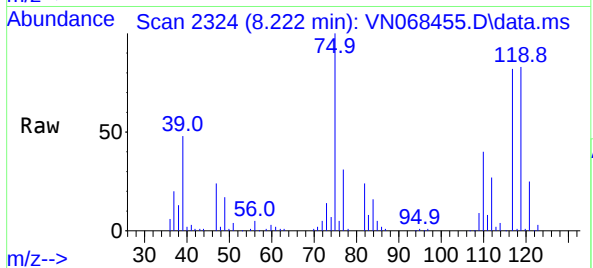
Ion	Ratio	Lower	Upper
75	100		
110	41.1	0.0	82.2
77	30.0	0.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#30

2-Butanone

Concen: 97.571 ug/l

RT: 7.337 min Scan# 1994

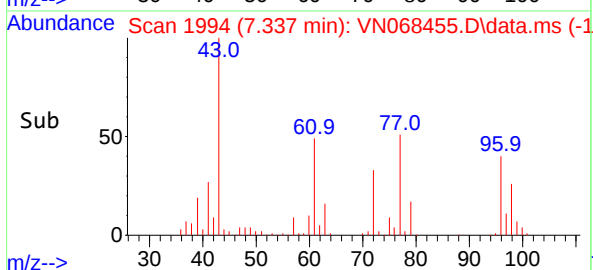
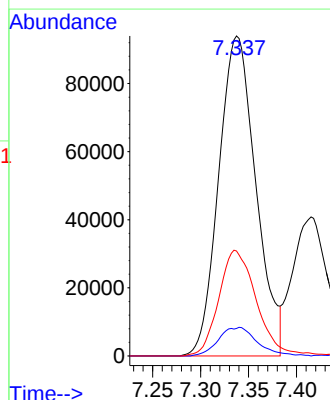
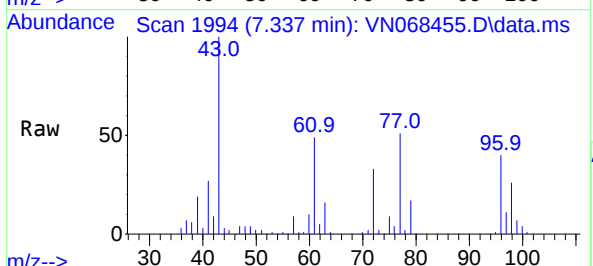
Delta R.T. 0.000 min

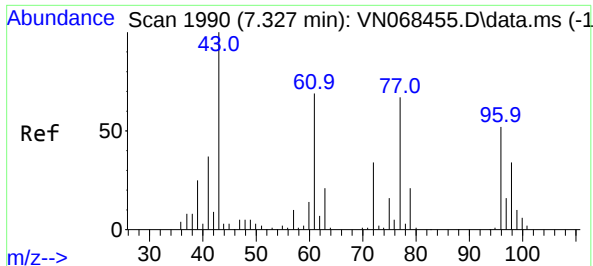
Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

Tgt Ion: 43 Resp: 253557

Ion	Ratio	Lower	Upper
43	100		
57	4.0	3.2	4.8
72	33.2	26.6	39.8





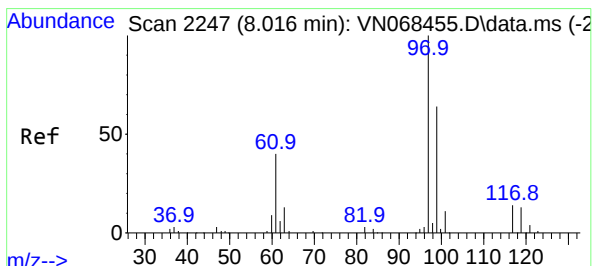
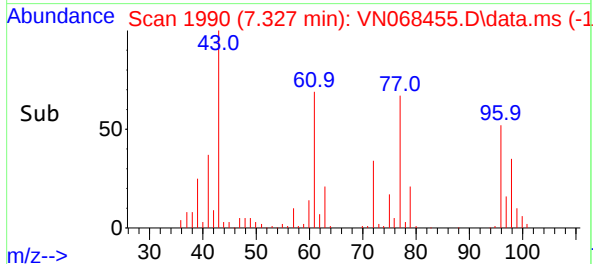
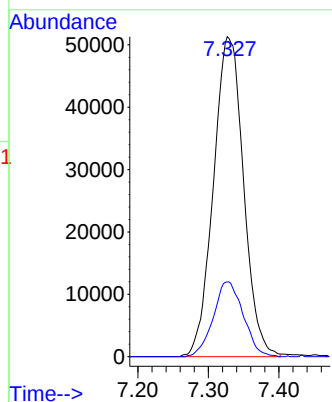
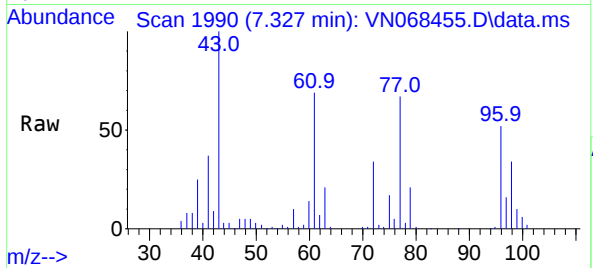
#31
2,2-Dichloropropane
Concen: 19.416 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 15213
Ion Ratio Lower Upper
77 100
97 23.3 18.6 28.0

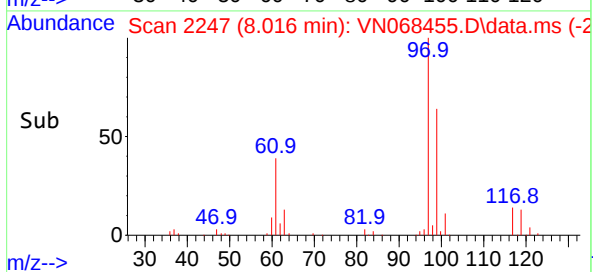
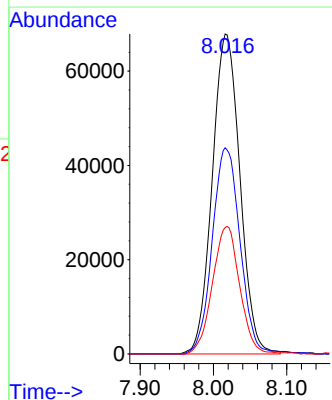
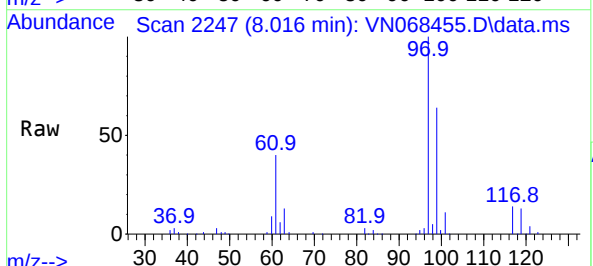
Manual Integrations
APPROVED

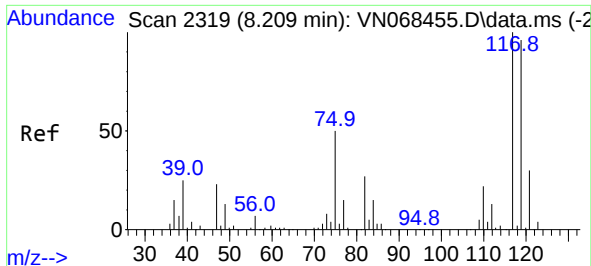
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#32
1,1,1-Trichloroethane
Concen: 19.265 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion: 97 Resp: 178126
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.2 31.4 47.0





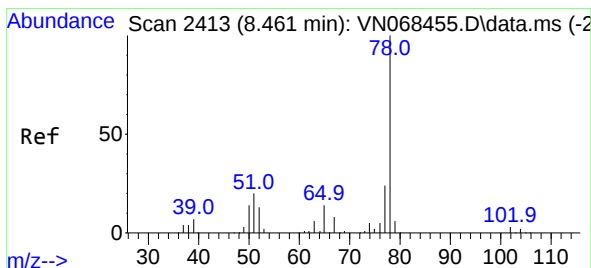
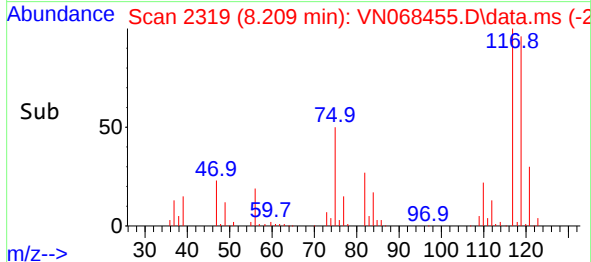
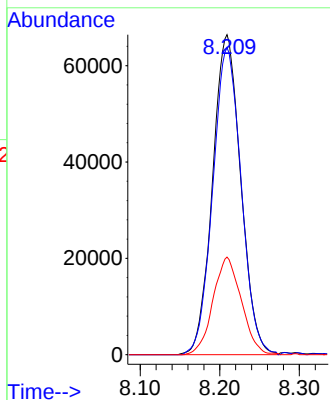
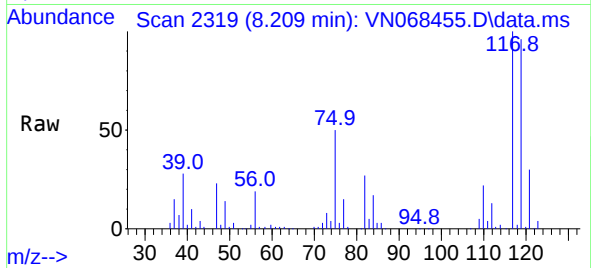
#33
Carbon Tetrachloride
Concen: 18.933 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 16363
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 30.5 24.4 36.6

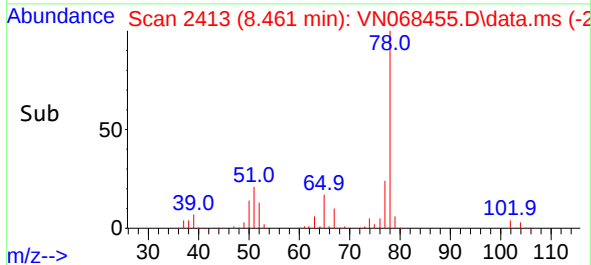
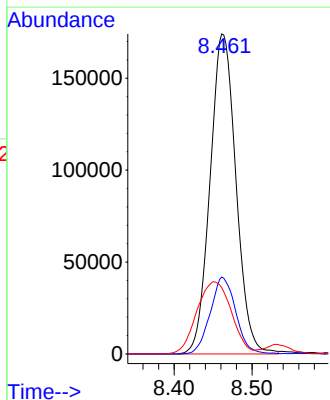
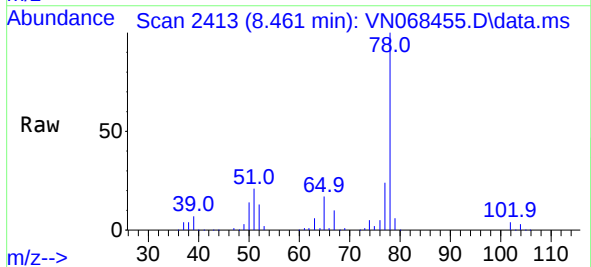
Manual Integrations
APPROVED

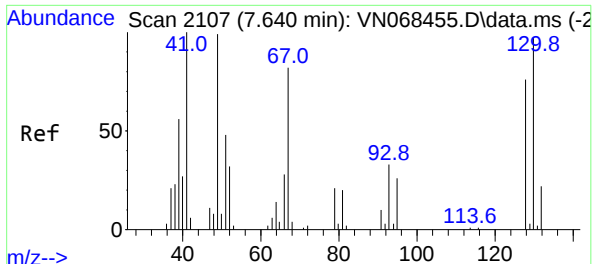
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#34
Benzene
Concen: 19.360 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion: 78 Resp: 401969
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8
51 19.7 15.8 23.6





#35

Methacrylonitrile

Concen: 19.818 ug/l

RT: 7.640 min Scan# 2107

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 41 Resp: 49670

Ion Ratio Lower Upper

41 100

39 56.4 28.2 84.6

67 81.7 40.8 122.5

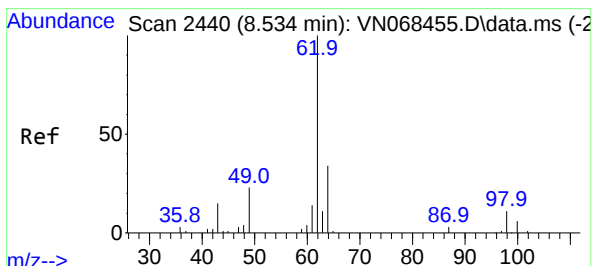
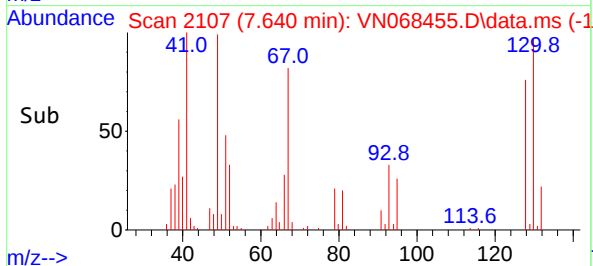
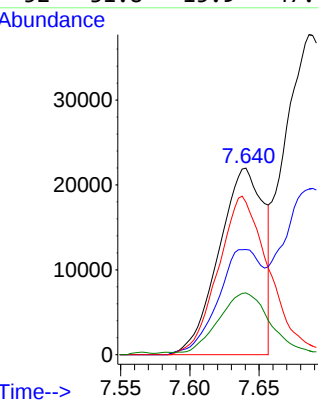
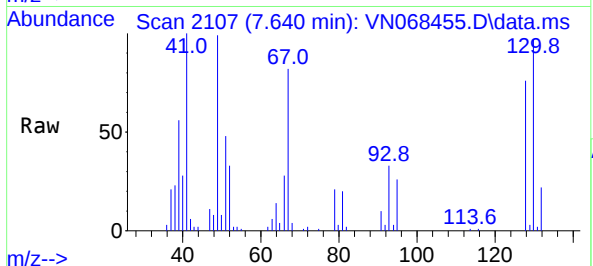
52 31.8 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#36

1,2-Dichloroethane

Concen: 20.010 ug/l

RT: 8.534 min Scan# 2440

Delta R.T. 0.000 min

Lab File: VN068455.D

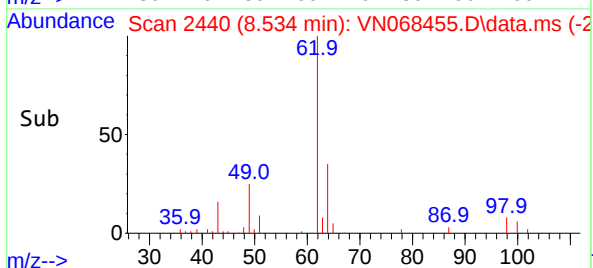
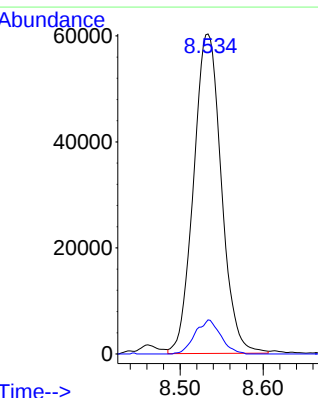
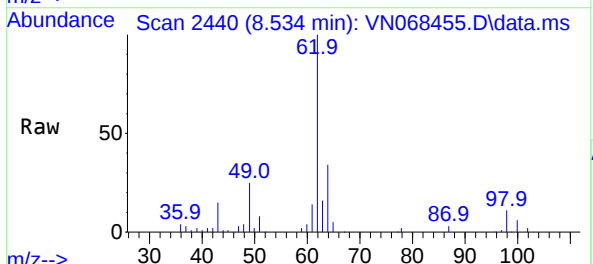
Acq: 13 Sep 2021 14:04

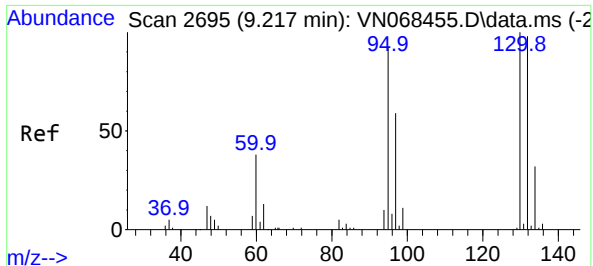
Tgt Ion: 62 Resp: 139885

Ion Ratio Lower Upper

62 100

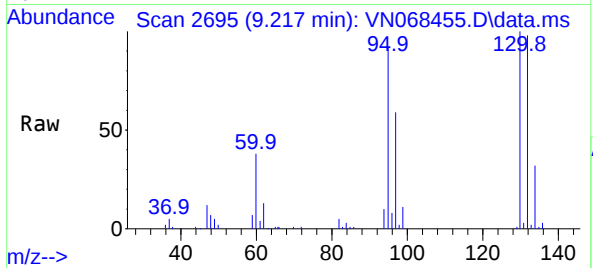
98 9.8 7.8 11.8





#37
Trichloroethene
Concen: 18.444 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

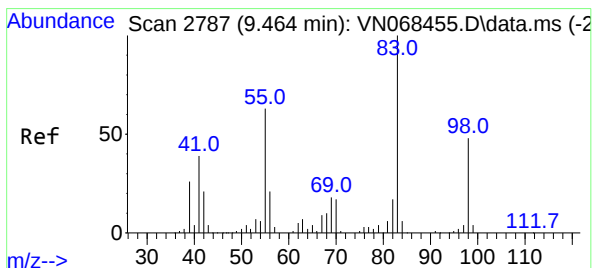
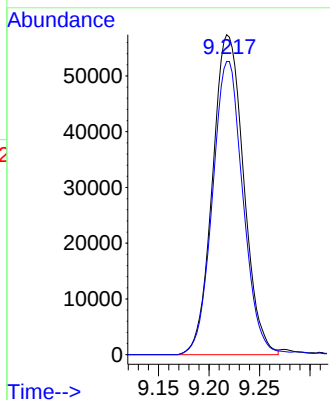
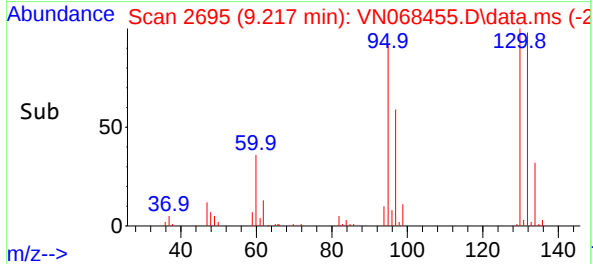
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



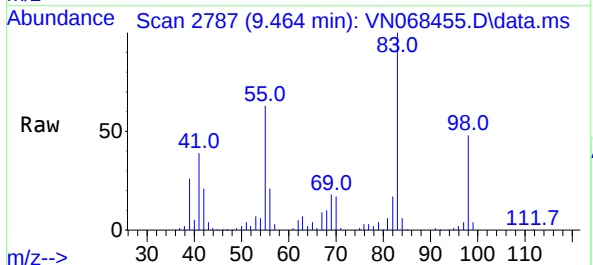
Tgt Ion:130 Resp: 123084
Ion Ratio Lower Upper
130 100
95 91.7 73.4 110.0

Manual Integrations
APPROVED

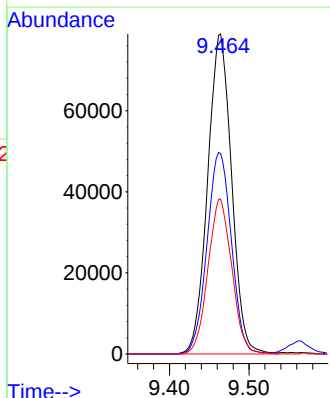
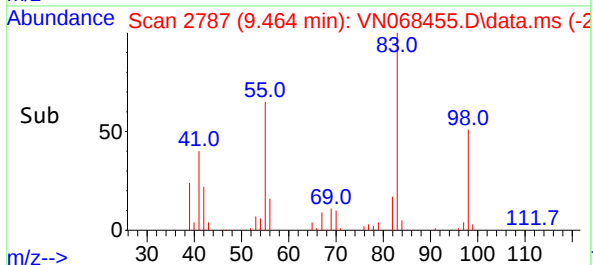
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

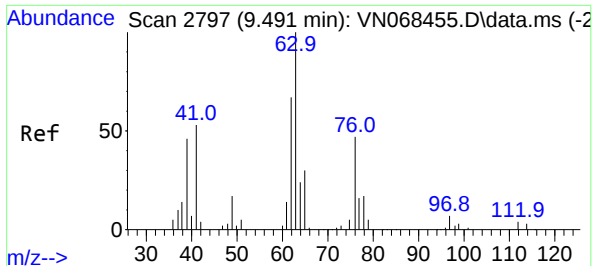


#38
Methylcyclohexane
Concen: 18.873 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion: 83 Resp: 165176
Ion Ratio Lower Upper
83 100
55 64.2 32.1 96.3
98 48.0 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.210 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 9387

Ion Ratio Lower Upper

63 100

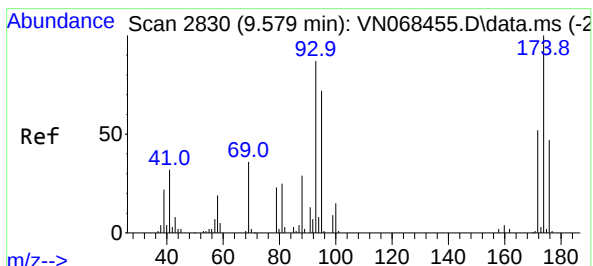
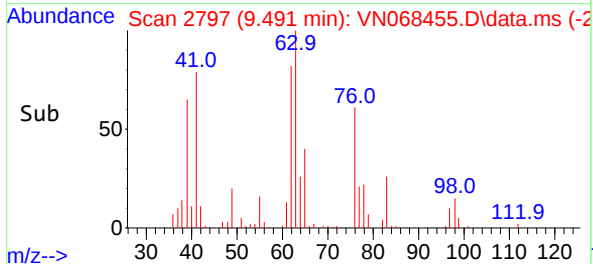
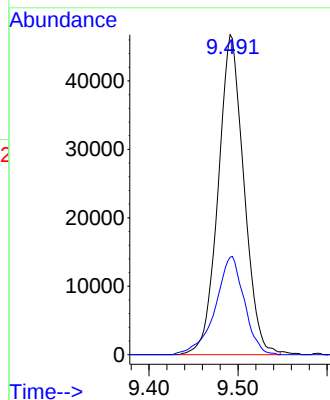
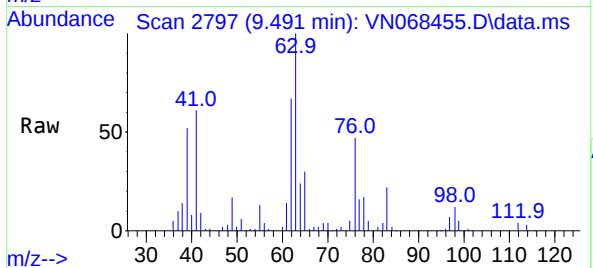
65 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#40

Dibromomethane

Concen: 19.348 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

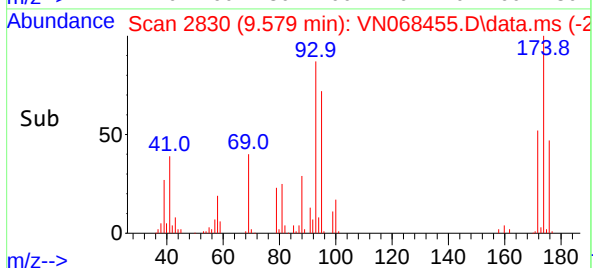
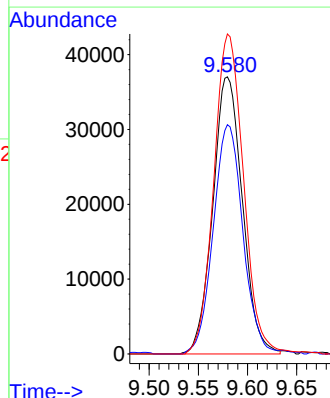
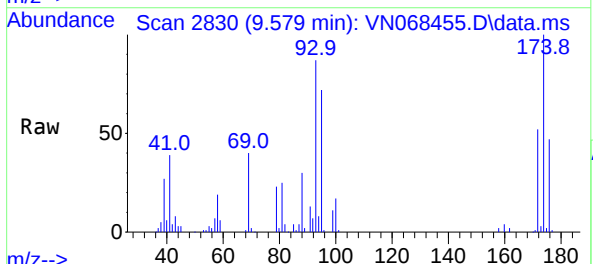
Tgt Ion: 93 Resp: 77679

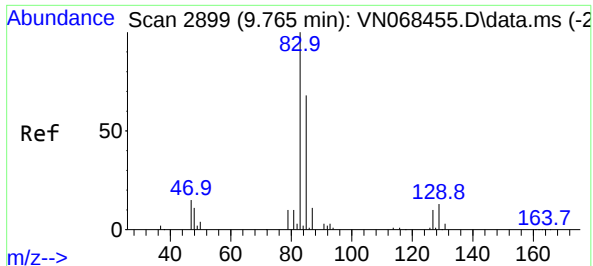
Ion Ratio Lower Upper

93 100

95 82.6 0.0 165.2

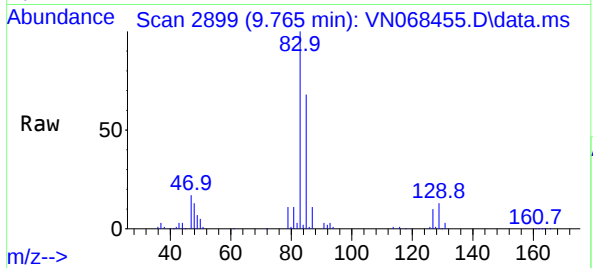
174 115.9 0.0 231.8





#41
Bromodichloromethane
Concen: 19.190 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

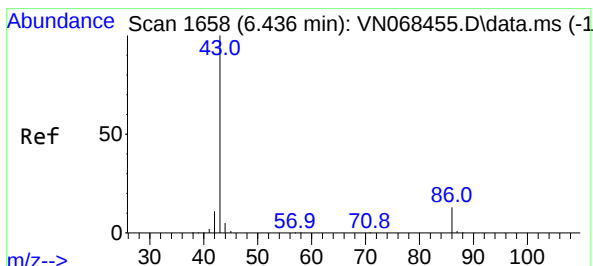
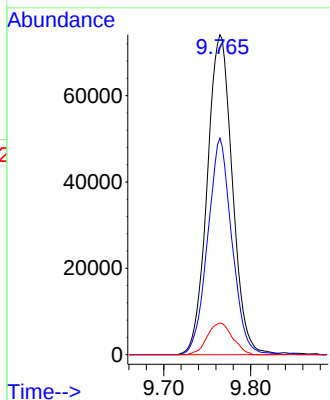
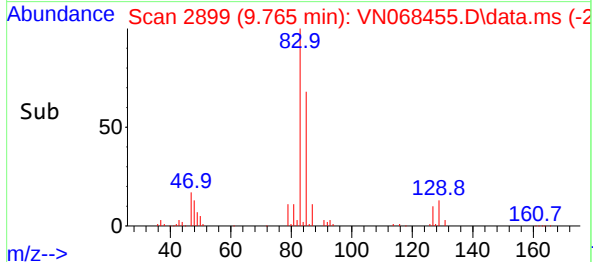
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



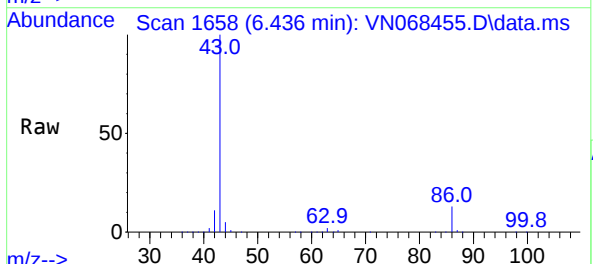
Tgt Ion: 83 Resp: 14890
Ion Ratio Lower Upper
83 100
85 67.6 54.1 81.1
127 11.0 8.8 13.2

Manual Integrations
APPROVED

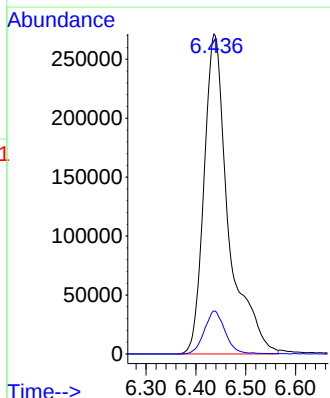
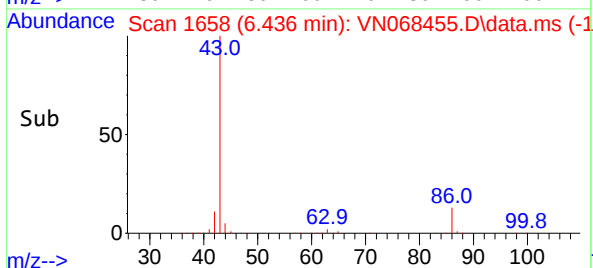
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

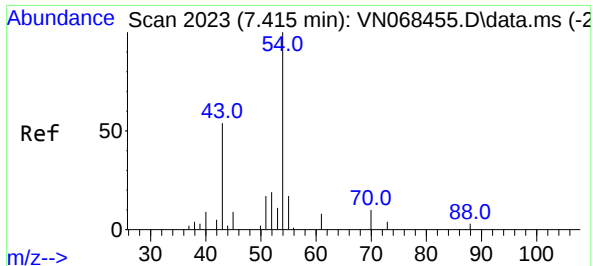


#42
Vinyl Acetate
Concen: 99.418 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion: 43 Resp: 928231
Ion Ratio Lower Upper
43 100
86 11.3 9.0 13.6





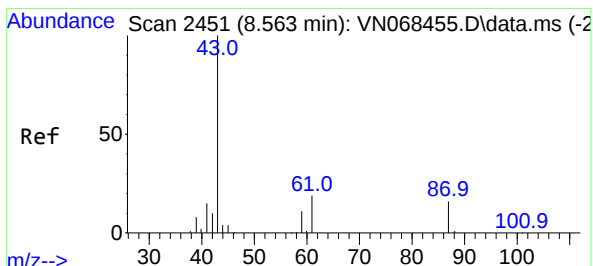
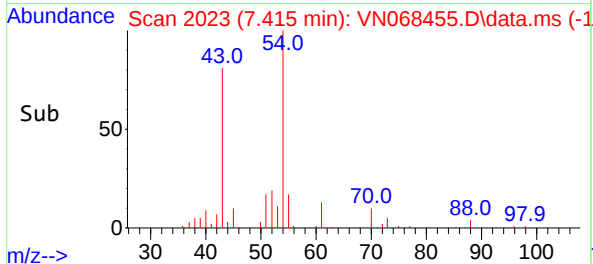
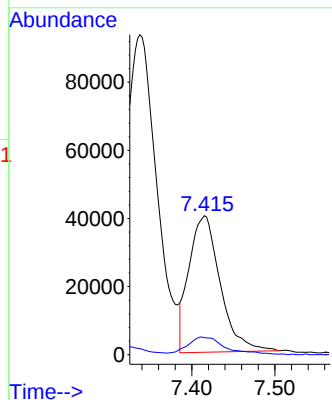
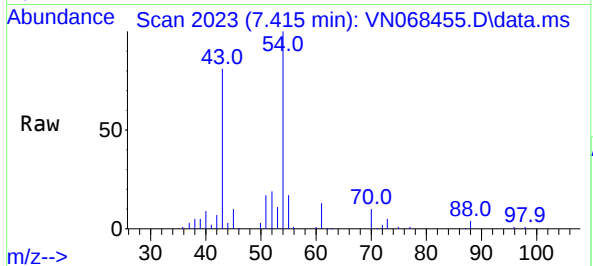
#43
Ethyl Acetate
Concen: 18.569 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 10469
Ion Ratio Lower Upper
43 100
45 12.3 0.4 0.6

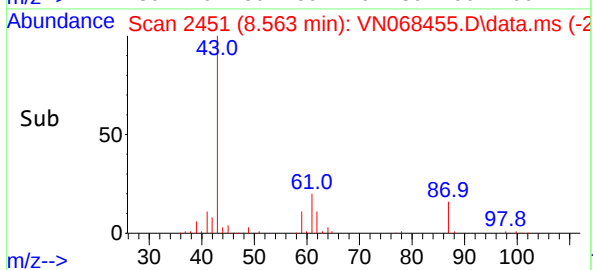
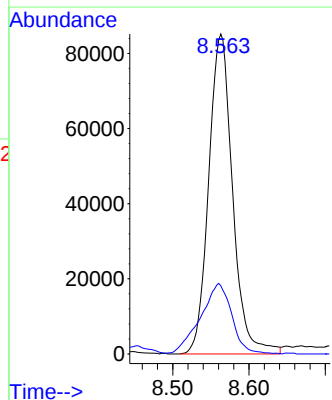
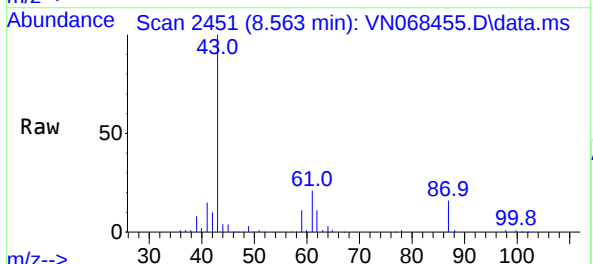
Manual Integrations
APPROVED

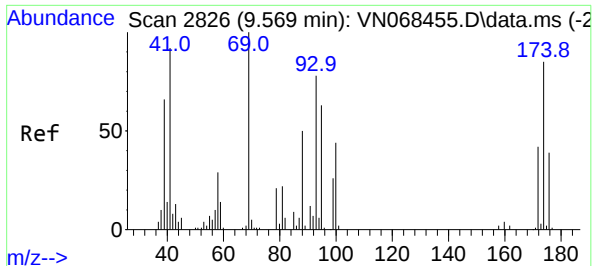
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#44
Isopropyl Acetate
Concen: 19.791 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

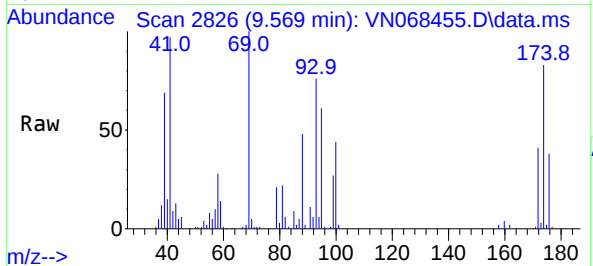
Tgt Ion: 43 Resp: 185334
Ion Ratio Lower Upper
43 100
61 28.4 22.7 34.1





#45
1,4-Dioxane
Concen: 383.019 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

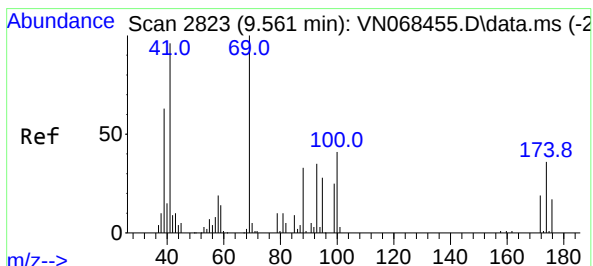
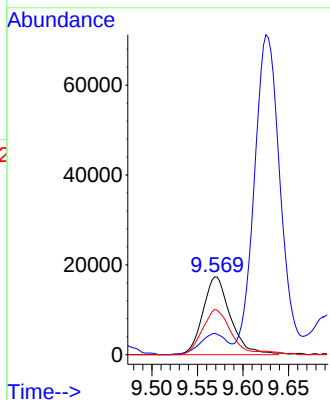
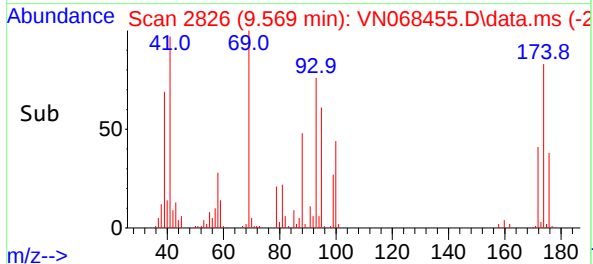
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



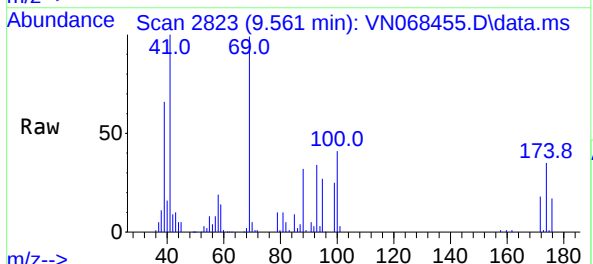
Tgt Ion: 88 Resp: 36338
Ion Ratio Lower Upper
88 100
43 26.2 21.0 31.4
58 58.8 47.0 70.6

Manual Integrations
APPROVED

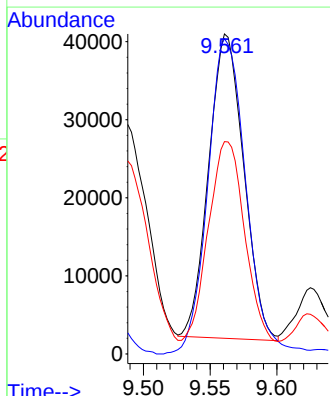
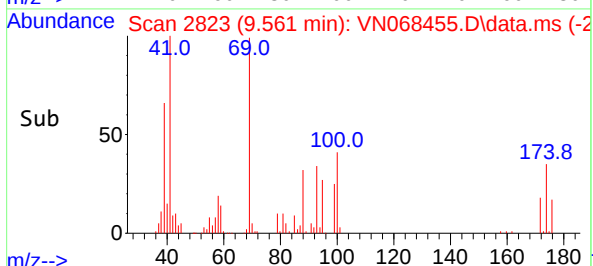
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

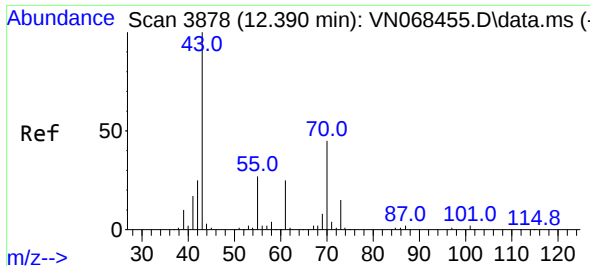


#46
Methyl methacrylate
Concen: 18.752 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion: 41 Resp: 71165
Ion Ratio Lower Upper
41 100
69 102.9 51.4 154.3
39 66.1 33.1 99.2





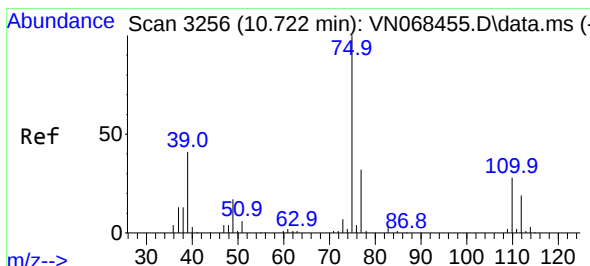
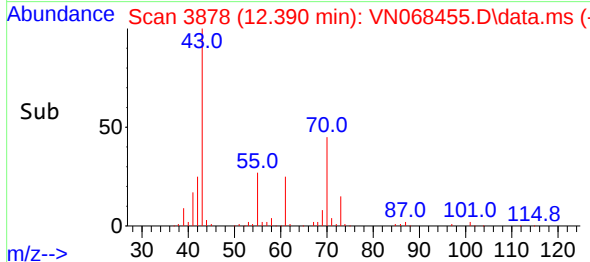
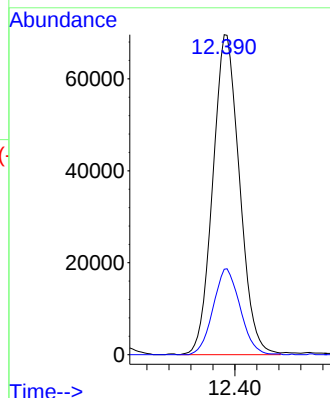
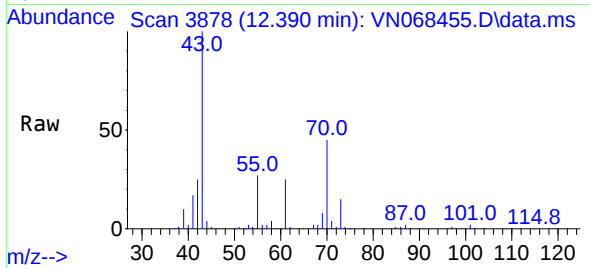
#47
n-amy1 Acetate
Concen: 17.847 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 11758
Ion Ratio Lower Upper
43 100
55 27.1 21.7 32.5

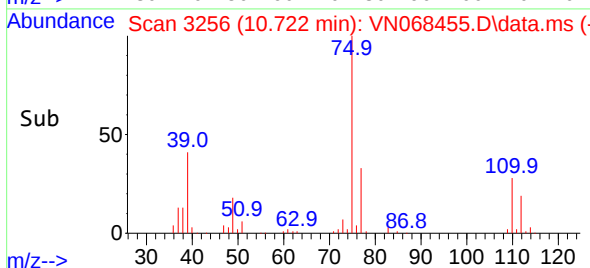
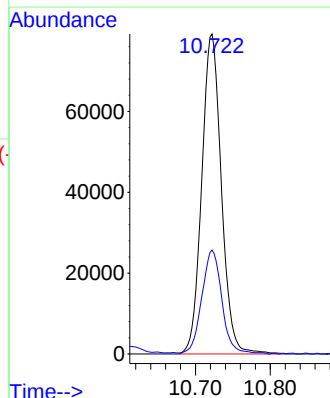
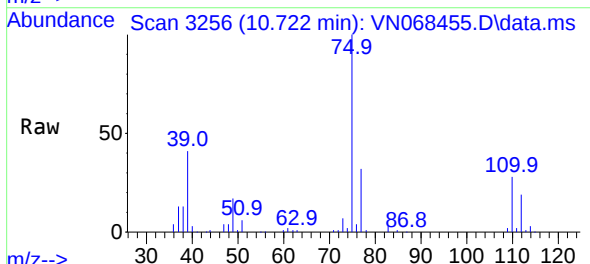
Manual Integrations
APPROVED

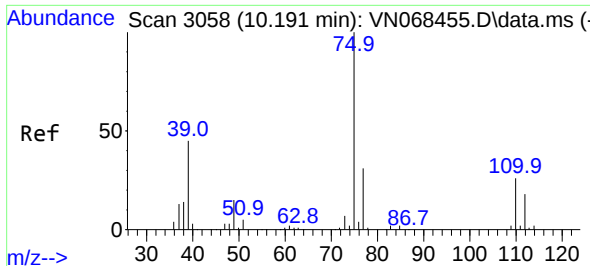
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#48
t-1,3-Dichloropropene
Concen: 18.395 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

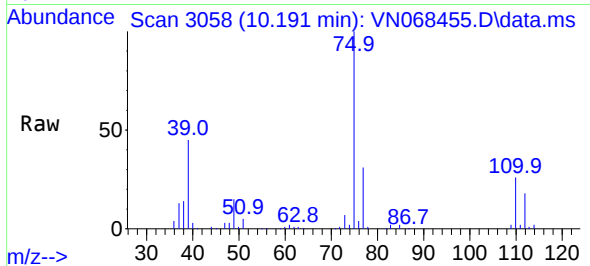
Tgt Ion: 75 Resp: 144515
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0





#49
 cis-1,3-Dichloropropene
 Concen: 18.844 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN068455.D
 Acq: 13 Sep 2021 14:04

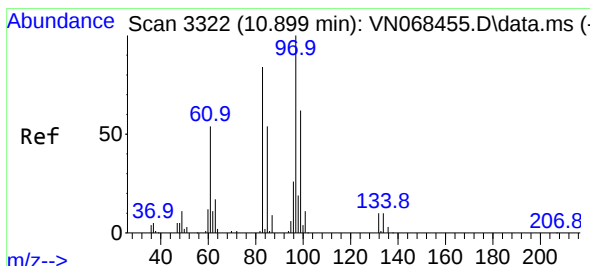
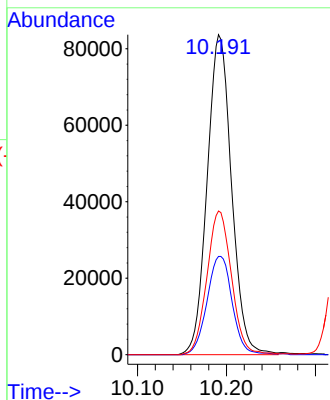
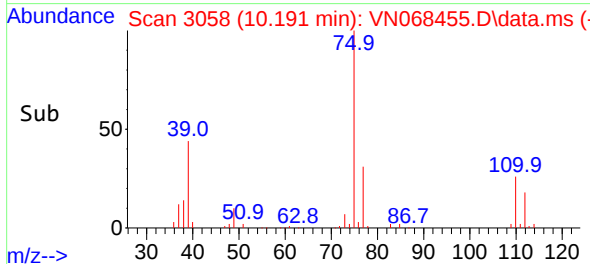
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



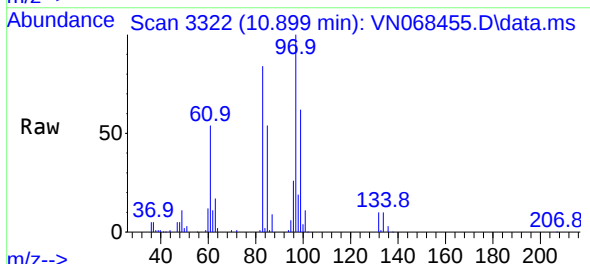
Tgt Ion: 75 Resp: 159100
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 44.9 35.9 53.9

Manual Integrations
 APPROVED

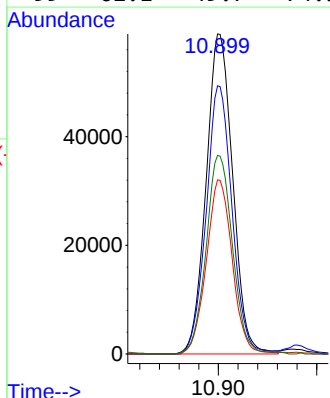
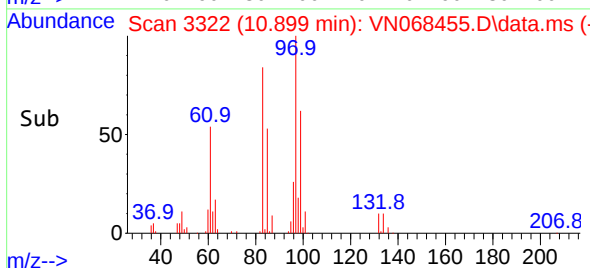
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021

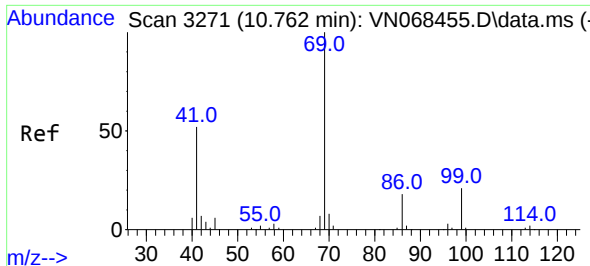


#50
 1,1,2-Trichloroethane
 Concen: 19.077 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN068455.D
 Acq: 13 Sep 2021 14:04



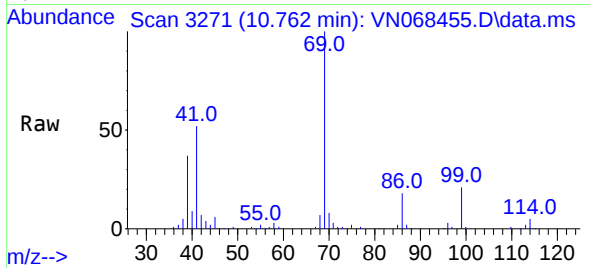
Tgt Ion: 97 Resp: 110686
 Ion Ratio Lower Upper
 97 100
 83 83.5 66.8 100.2
 85 54.4 43.5 65.3
 99 62.1 49.7 74.5





#51
Ethyl methacrylate
Concen: 18.462 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

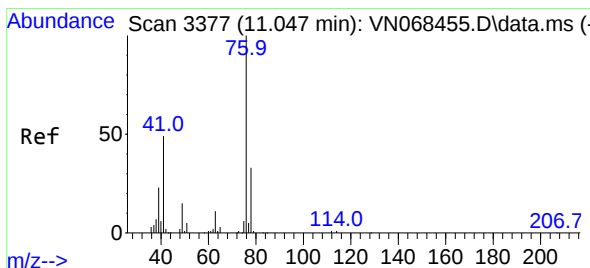
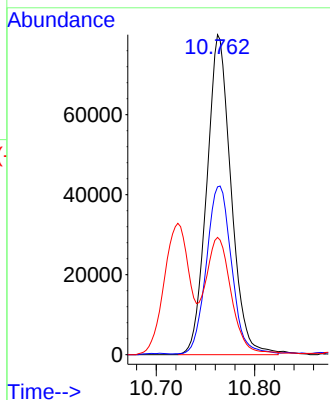
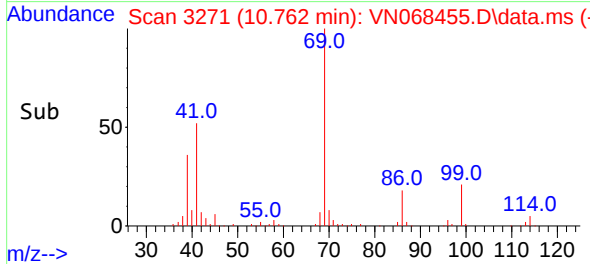
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



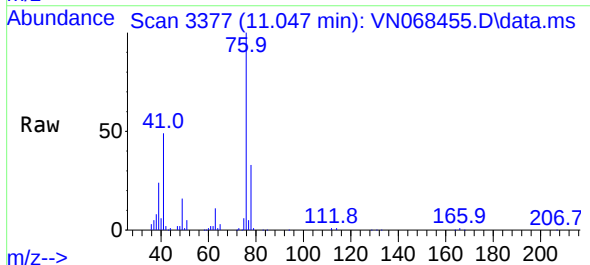
Tgt Ion: 69 Resp: 137540
Ion Ratio Lower Upper
69 100
41 52.2 26.1 78.3
39 36.0 18.0 54.0

Manual Integrations
APPROVED

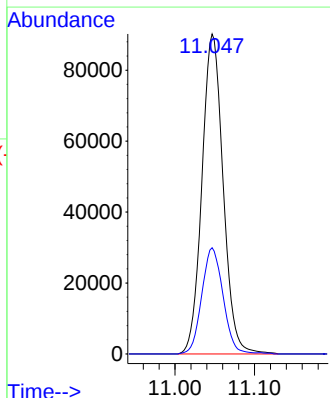
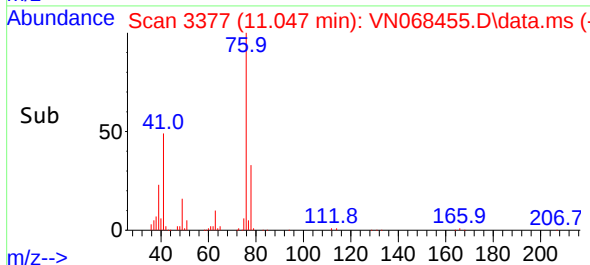
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

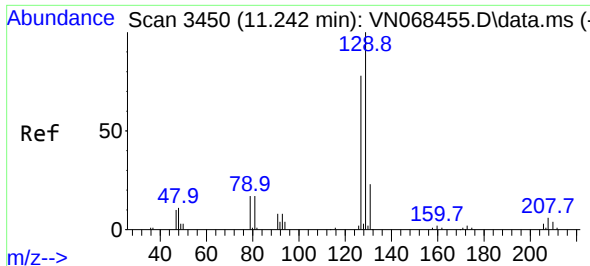


#52
1,3-Dichloropropane
Concen: 19.374 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



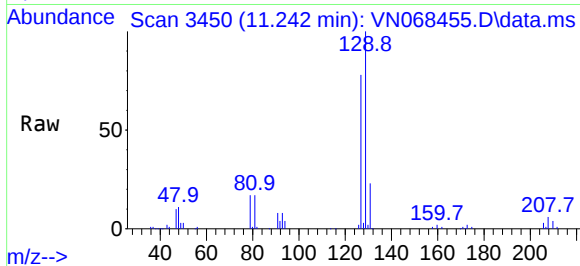
Tgt Ion: 76 Resp: 167168
Ion Ratio Lower Upper
76 100
78 33.2 0.0 66.4





#53
Dibromochloromethane
Concen: 18.330 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

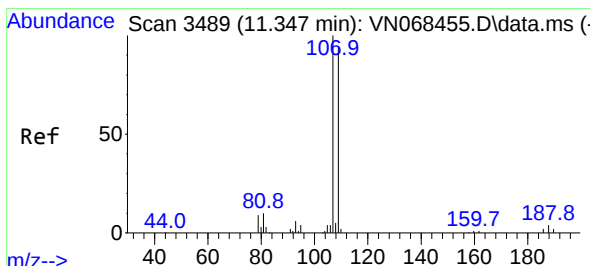
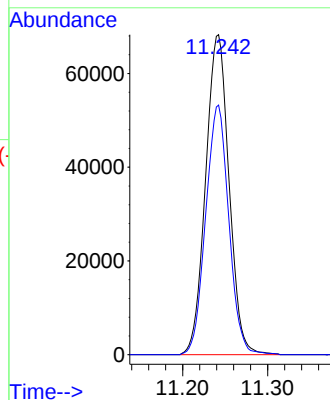
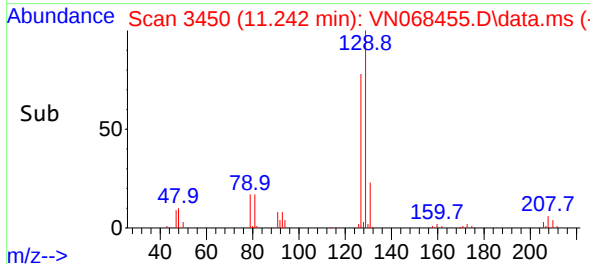
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



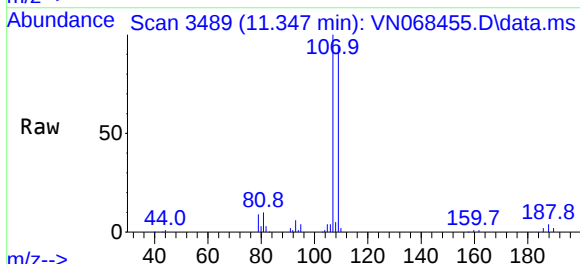
Tgt Ion:129 Resp: 130780
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

Manual Integrations
APPROVED

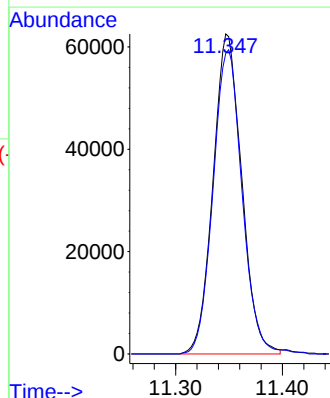
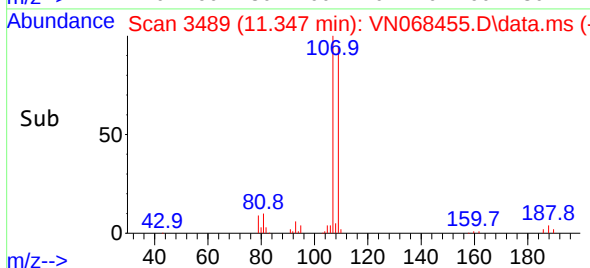
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

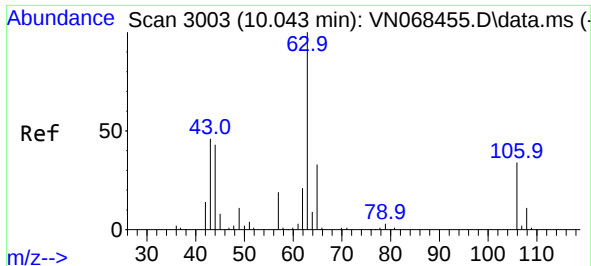


#54
1,2-Dibromoethane
Concen: 18.718 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion:107 Resp: 116476
Ion Ratio Lower Upper
107 100
109 96.2 77.0 115.4





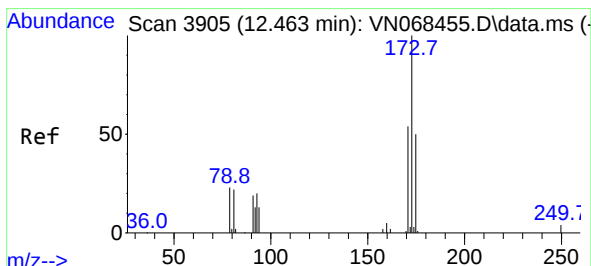
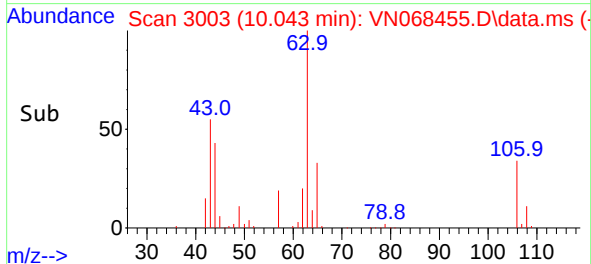
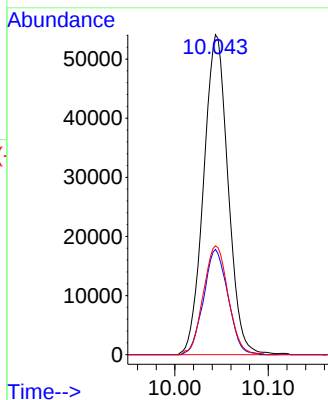
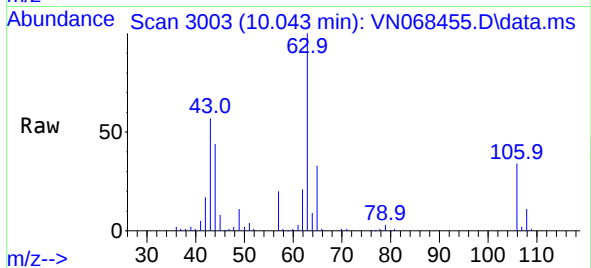
#55
2-Chloroethyl vinyl ether
Concen: 78.077 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 98470
Ion Ratio Lower Upper
63 100
65 32.7 26.2 39.2
106 34.6 27.7 41.5

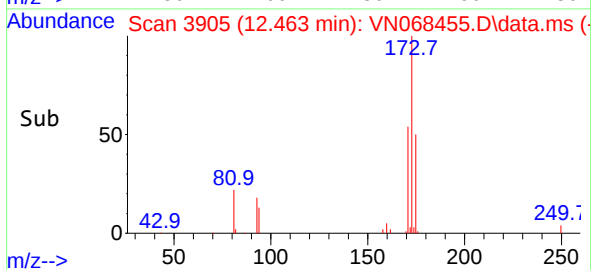
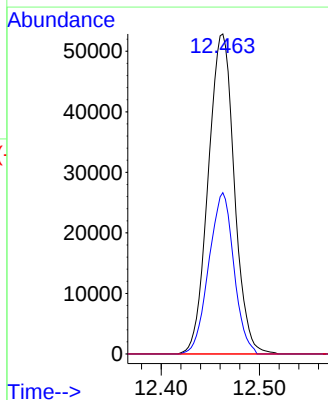
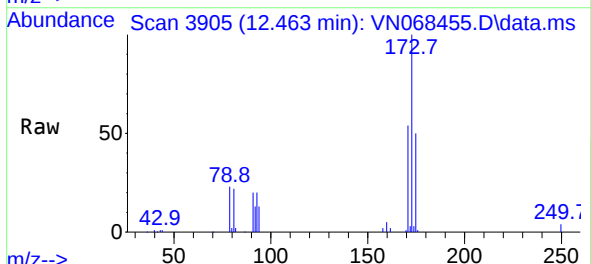
Manual Integrations
APPROVED

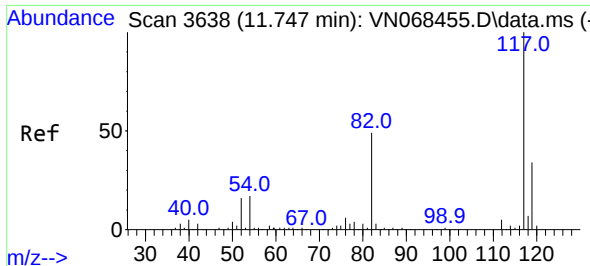
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#56
Bromoform
Concen: 16.978 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

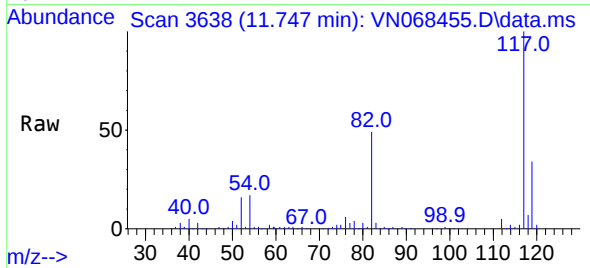
Tgt Ion:173 Resp: 97295
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

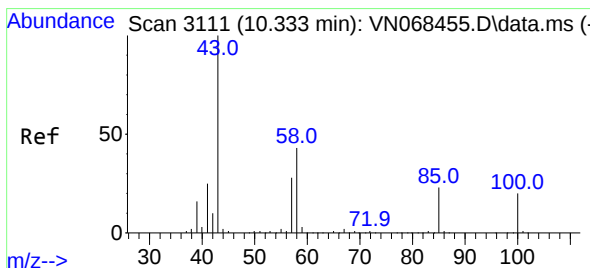
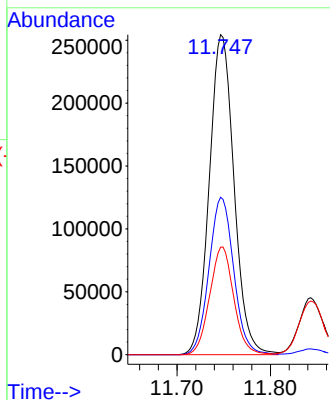
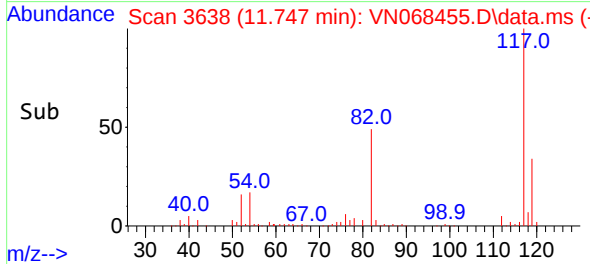
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



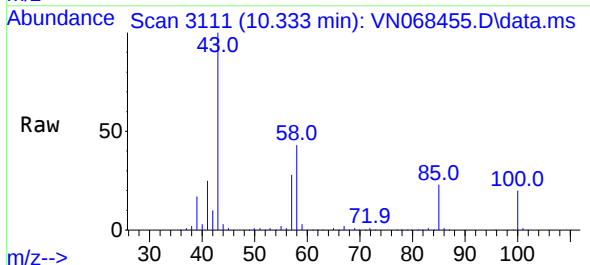
Tgt Ion:117 Resp: 469162
Ion Ratio Lower Upper
117 100
82 49.2 39.4 59.0
119 32.7 26.2 39.2

Manual Integrations
APPROVED

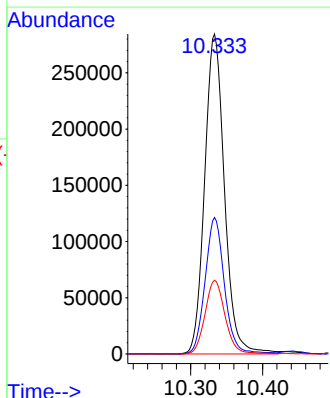
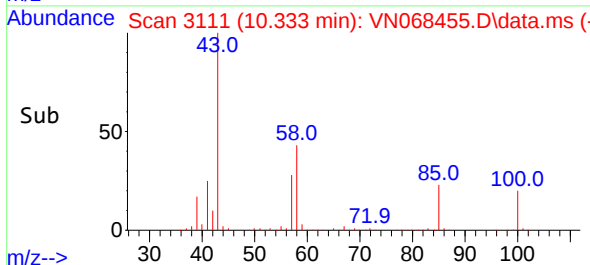
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

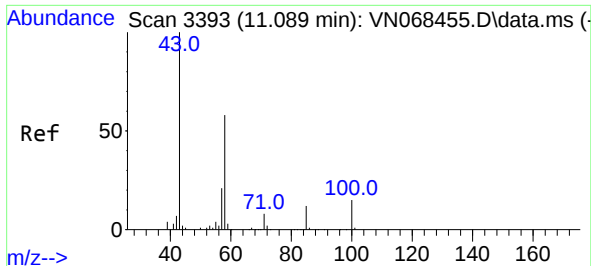


#58
4-Methyl-2-Pentanone
Concen: 98.801 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



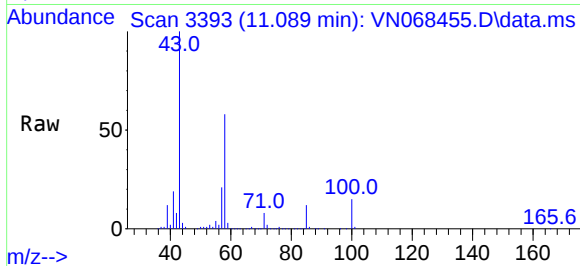
Tgt Ion: 43 Resp: 545660
Ion Ratio Lower Upper
43 100
58 41.6 33.3 49.9
85 23.2 18.6 27.8





#59
2-Hexanone
Concen: 96.934 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

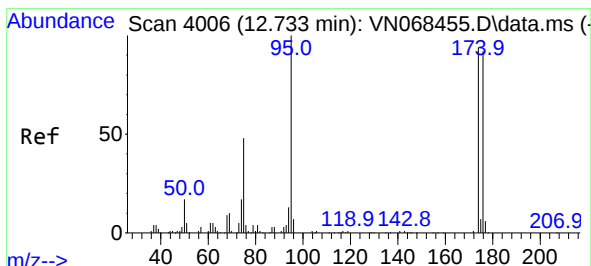
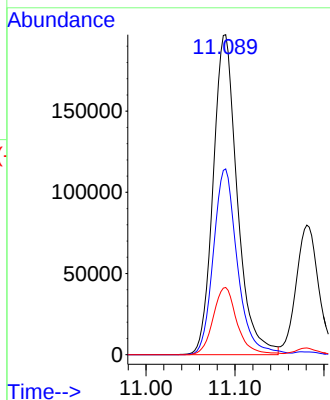
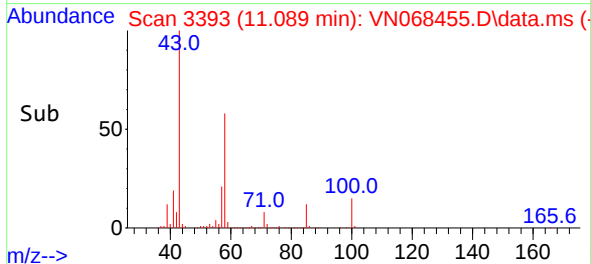
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



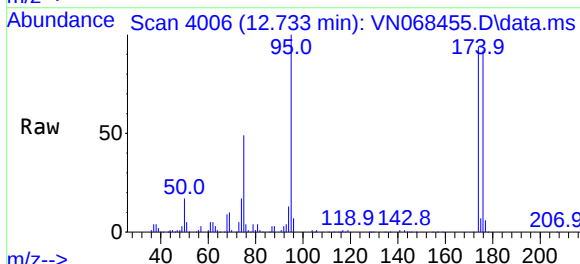
Tgt Ion: 43 Resp: 371029
Ion Ratio Lower Upper
43 100
58 58.0 46.4 69.6
57 20.8 16.6 25.0

Manual Integrations
APPROVED

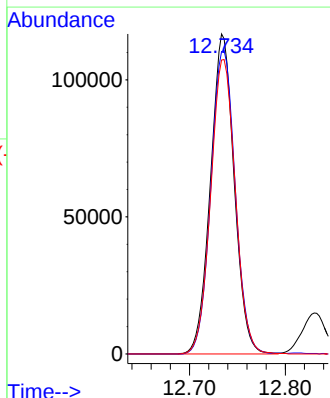
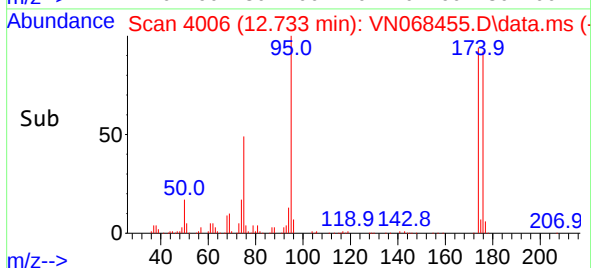
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

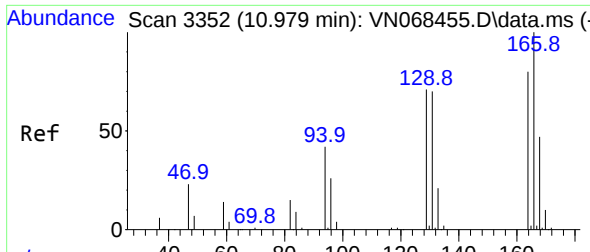


#60
4-Bromofluorobenzene
Concen: 29.910 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



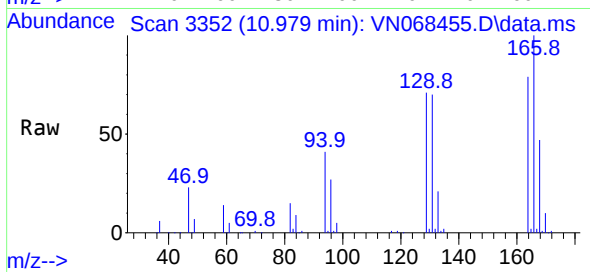
Tgt Ion: 95 Resp: 200011
Ion Ratio Lower Upper
95 100
174 97.5 78.0 117.0
176 95.5 76.4 114.6





#61
Tetrachloroethene
Concen: 19.206 ug/l
RT: 10.979 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

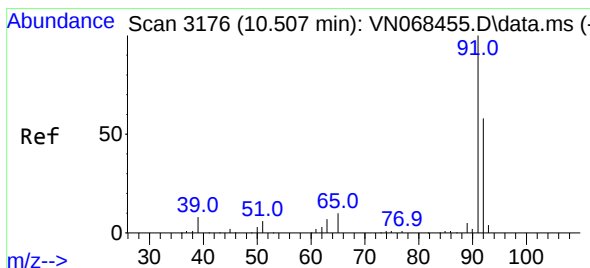
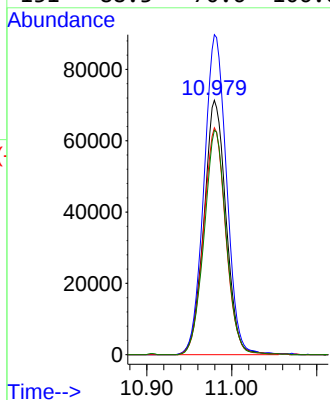
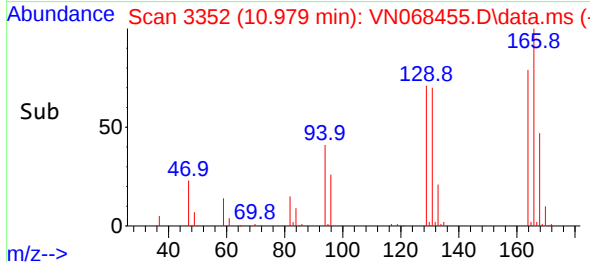
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



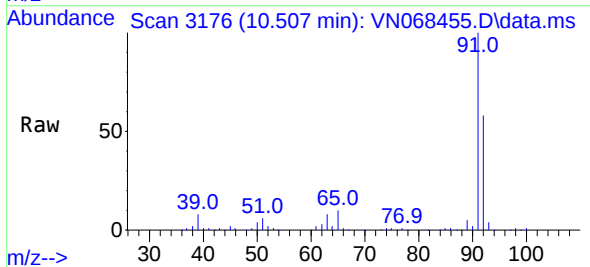
Tgt Ion:164 Resp: 129562
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 89.2 71.4 107.0
131 88.3 70.6 106.0

Manual Integrations
APPROVED

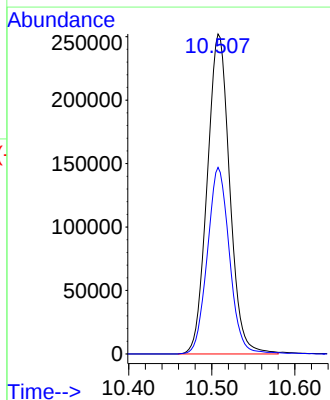
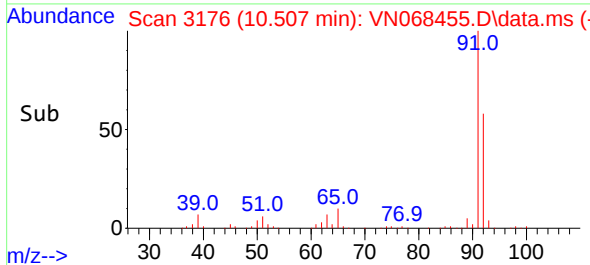
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

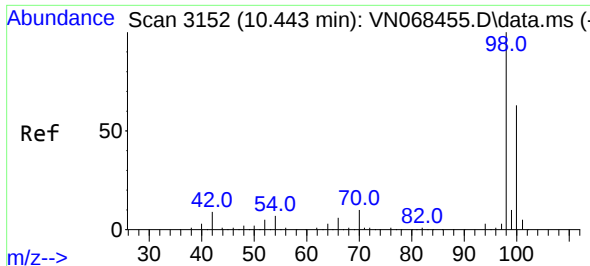


#62
Toluene
Concen: 19.171 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



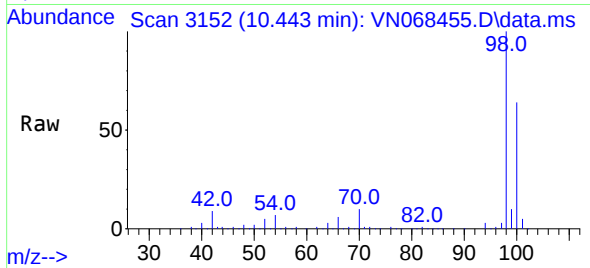
Tgt Ion: 91 Resp: 473382
Ion Ratio Lower Upper
91 100
92 57.2 45.8 68.6





#63
Toluene-d8
Concen: 30.642 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

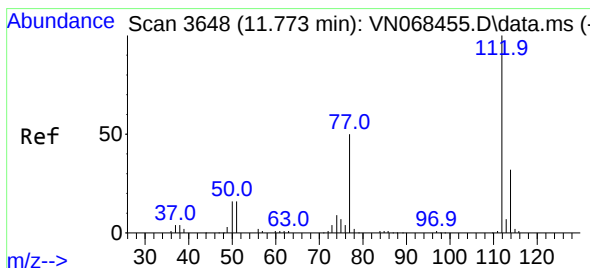
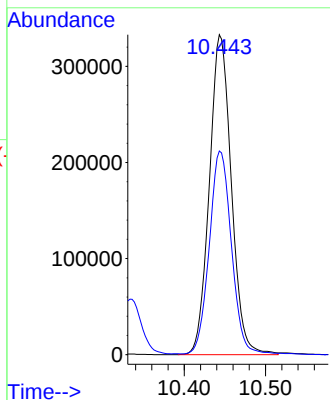
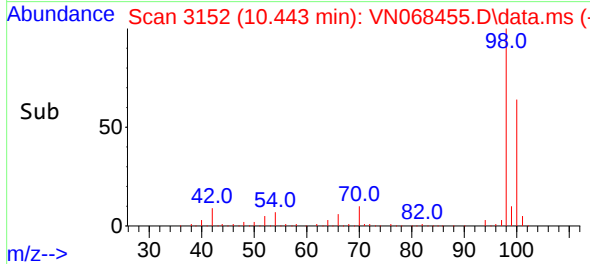
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



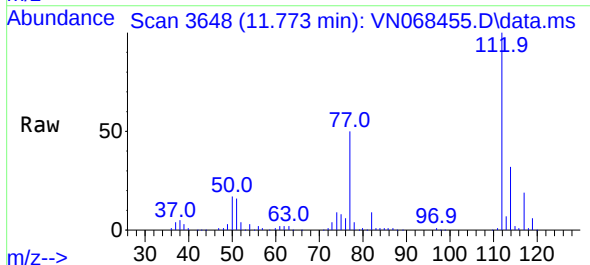
Tgt Ion: 98 Resp: 625411
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

Manual Integrations
APPROVED

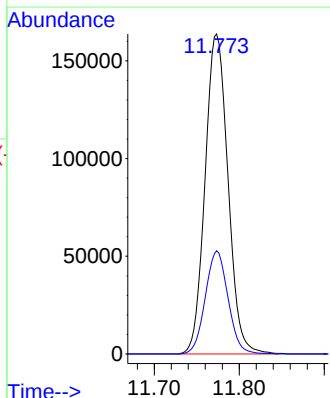
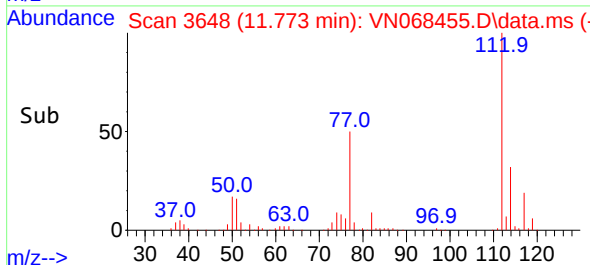
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

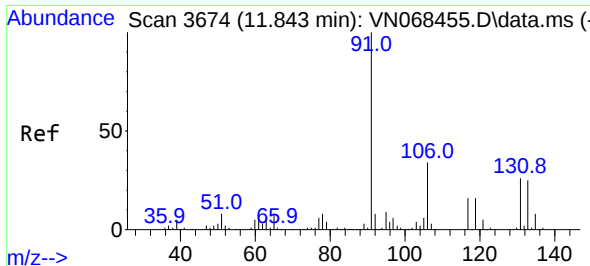


#64
Chlorobenzene
Concen: 18.843 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion:112 Resp: 306869
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





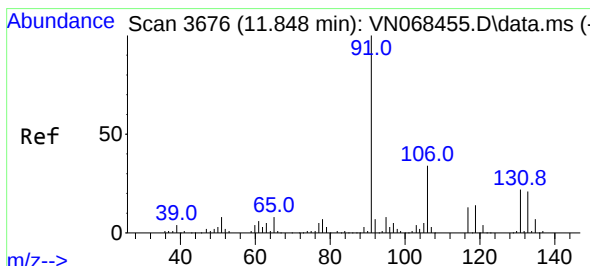
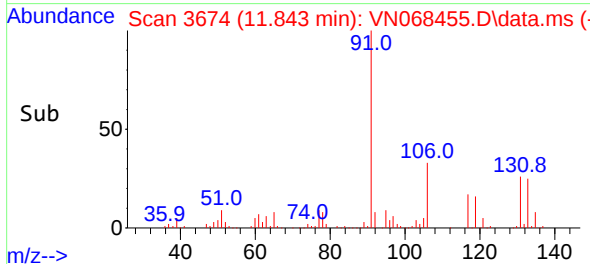
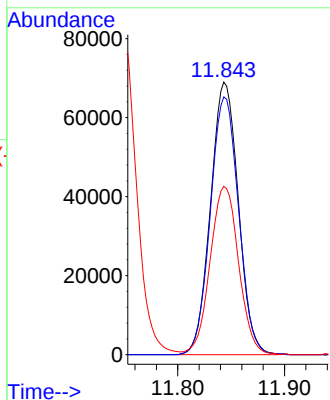
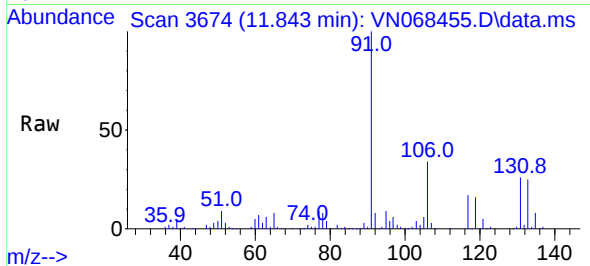
#65
1,1,1,2-Tetrachloroethane
Concen: 18.779 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 124814
Ion Ratio Lower Upper
131 100
133 96.1 0.0 192.2
119 63.5 0.0 127.0

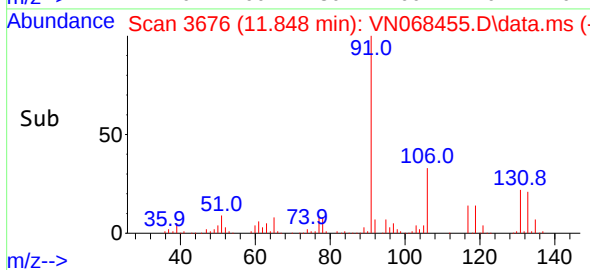
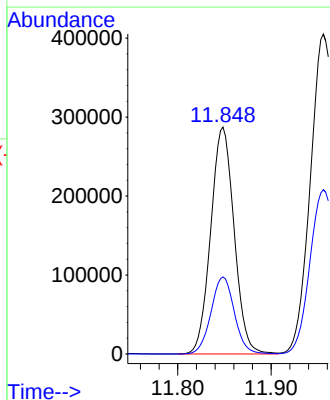
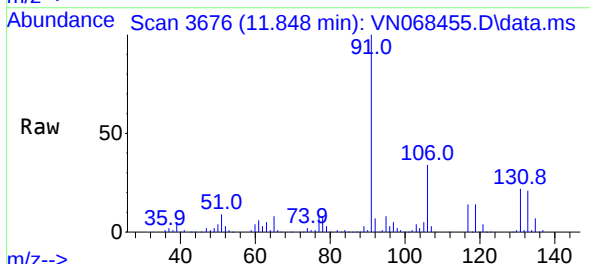
Manual Integrations
APPROVED

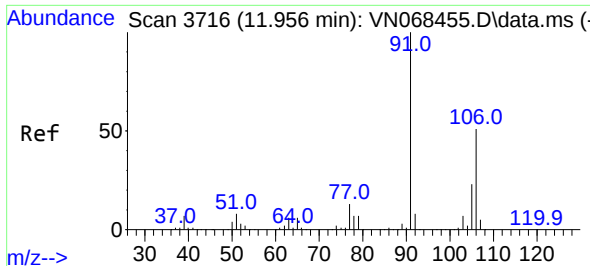
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#66
Ethyl Benzene
Concen: 18.682 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion: 91 Resp: 501360
Ion Ratio Lower Upper
91 100
106 34.0 27.2 40.8





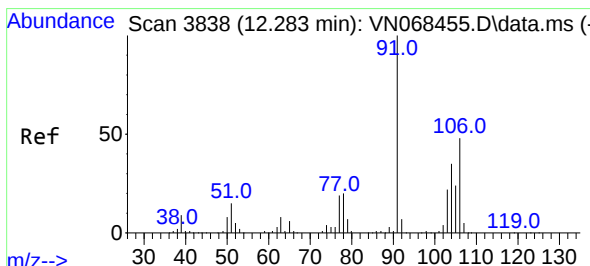
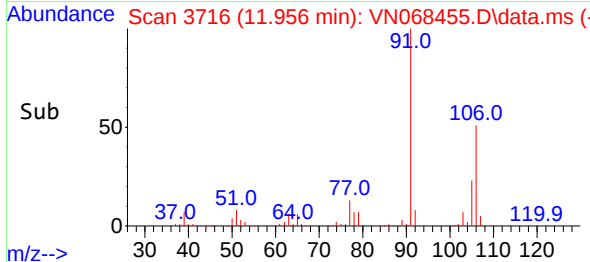
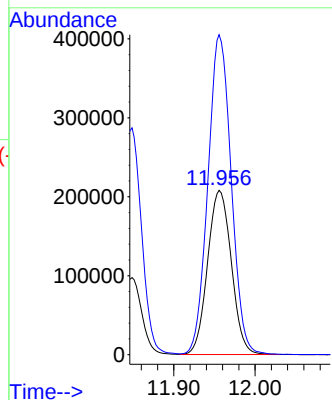
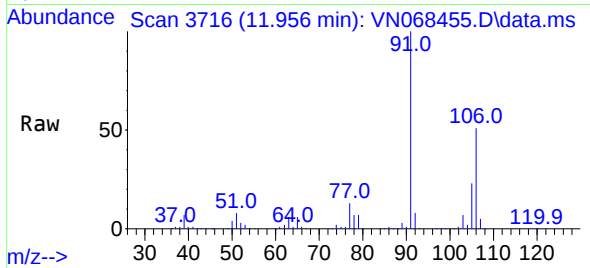
#67
m/p-Xylenes
Concen: 38.195 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 422515
Ion Ratio Lower Upper
106 100
91 190.9 152.7 229.1

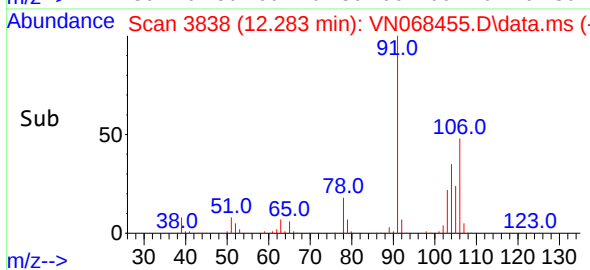
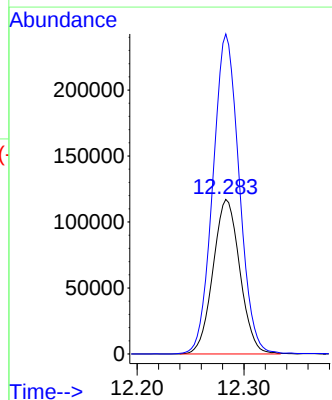
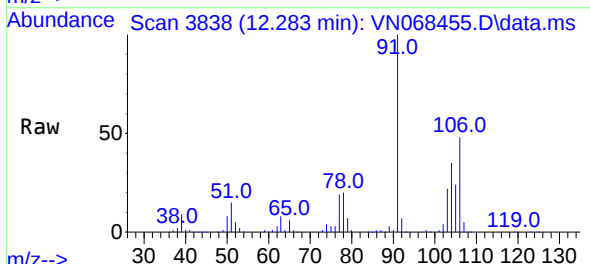
Manual Integrations
APPROVED

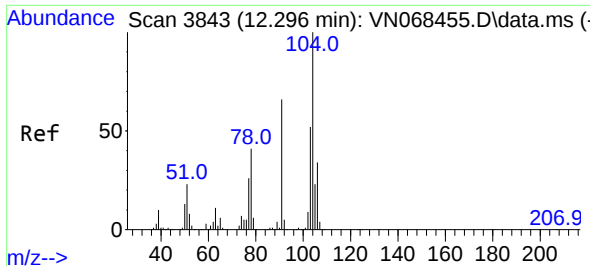
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 18.698 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

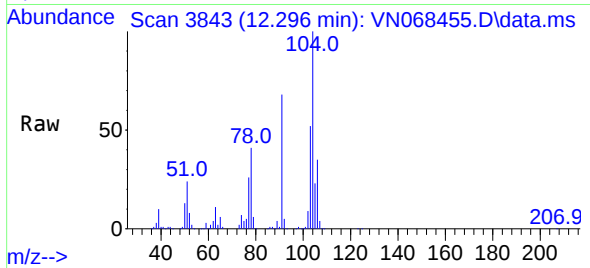
Tgt Ion:106 Resp: 204219
Ion Ratio Lower Upper
106 100
91 203.0 101.5 304.5





#69
Styrene
Concen: 18.861 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

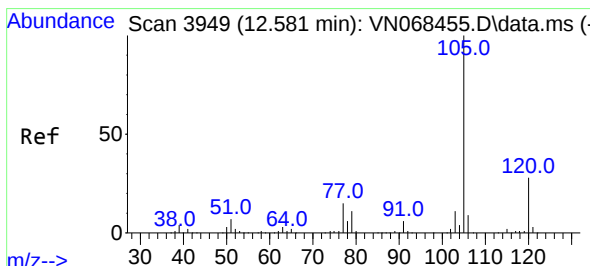
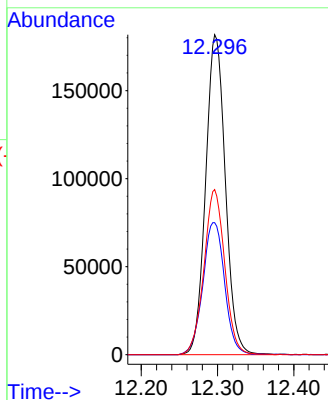
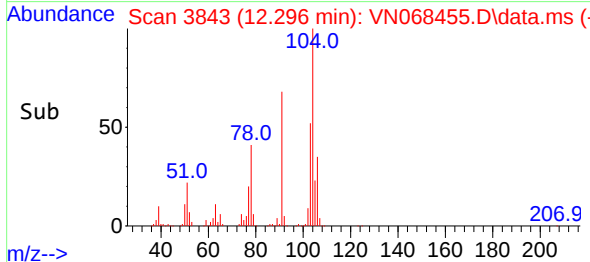
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



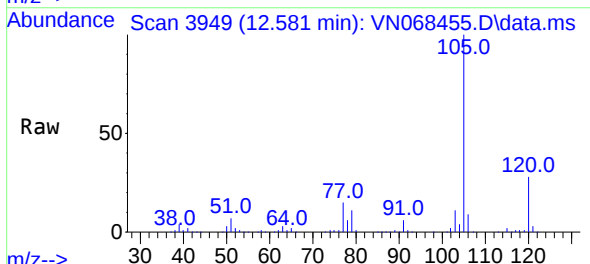
Tgt Ion:104 Resp: 326638
Ion Ratio Lower Upper
104 100
78 45.6 36.5 54.7
103 54.4 43.5 65.3

Manual Integrations
APPROVED

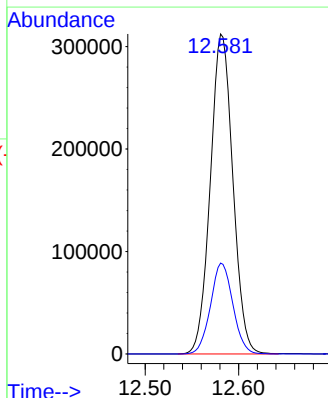
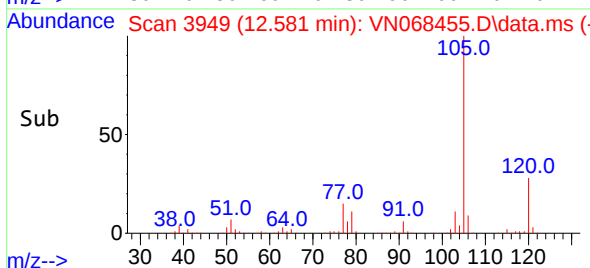
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

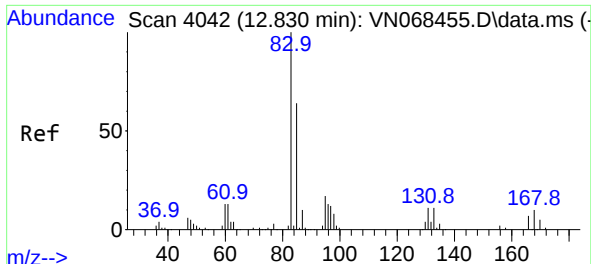


#70
Isopropylbenzene
Concen: 18.878 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



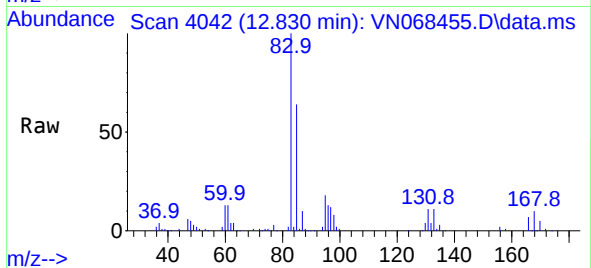
Tgt Ion:105 Resp: 523502
Ion Ratio Lower Upper
105 100
120 28.1 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.760 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

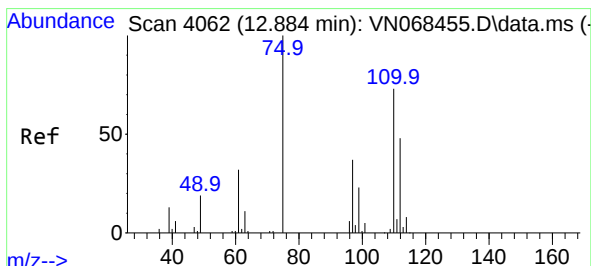
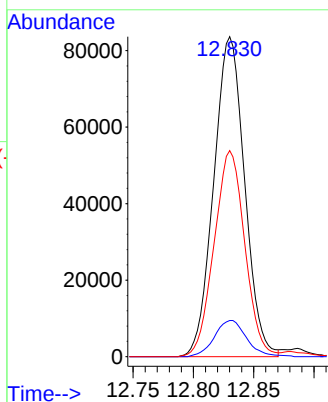
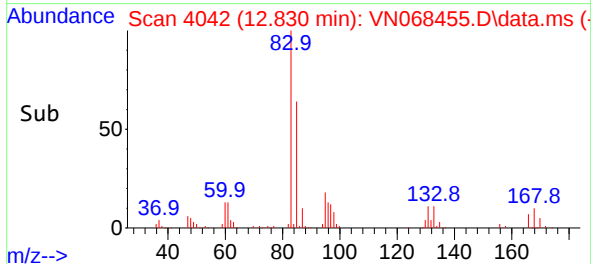
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 14915
Ion Ratio Lower Upper
83 100
131 11.8 5.9 17.7
85 63.9 31.9 95.9

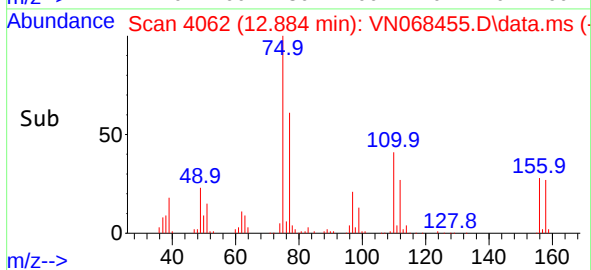
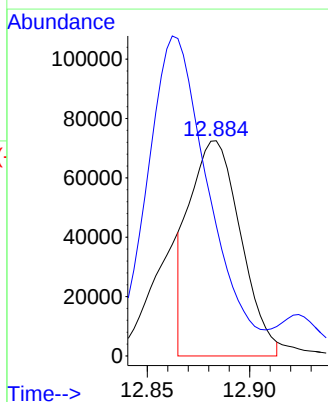
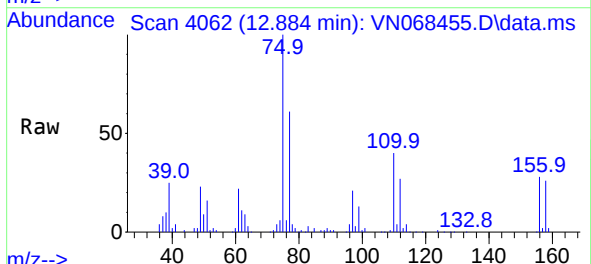
Manual Integrations
APPROVED

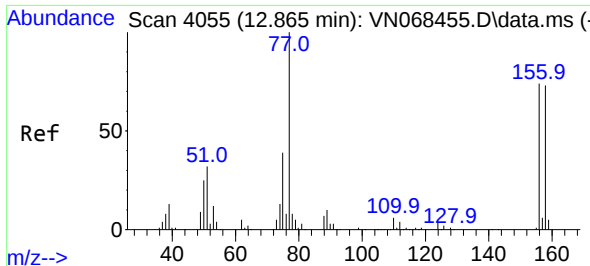
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#72
1,2,3-Trichloropropane
Concen: 20.673 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

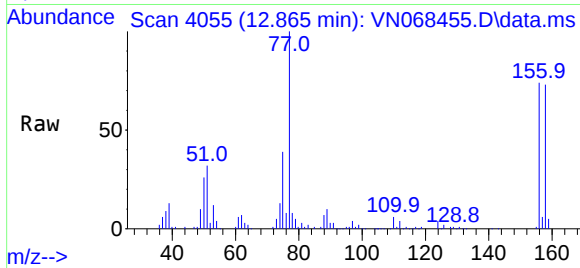
Tgt Ion: 75 Resp: 125454
Ion Ratio Lower Upper
75 100
77 179.7 0.0 357.6





#73
Bromobenzene
Concen: 17.962 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

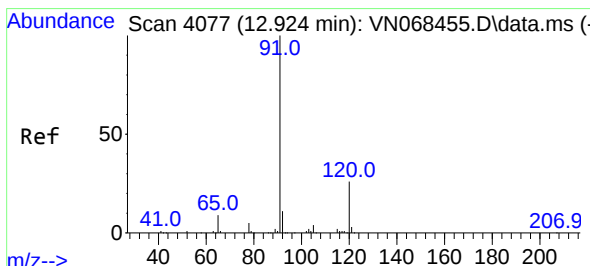
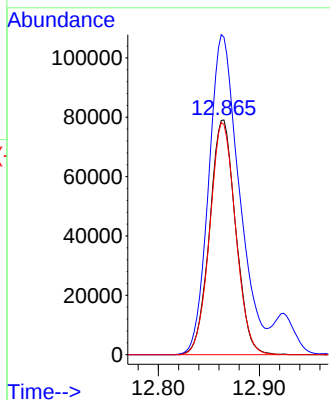
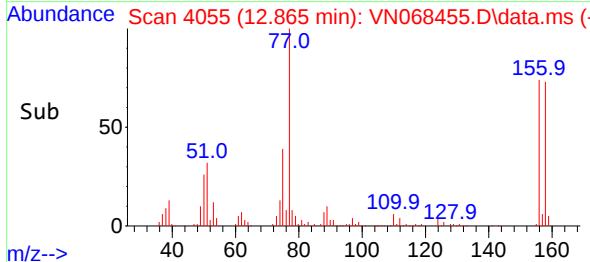
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



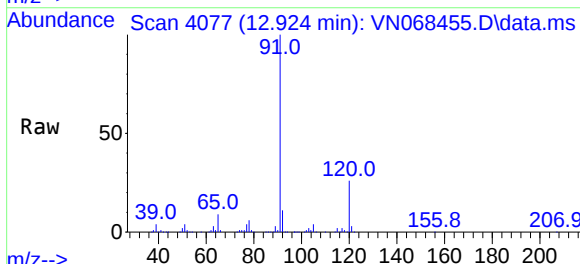
Tgt Ion:156 Resp: 141398
Ion Ratio Lower Upper
156 100
77 159.4 0.0 318.8
158 98.1 0.0 196.2

Manual Integrations
APPROVED

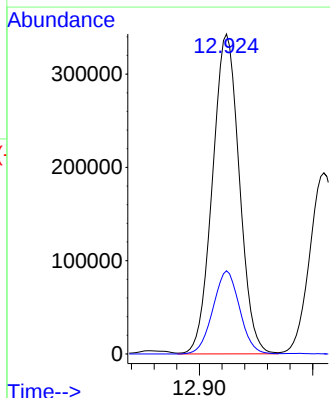
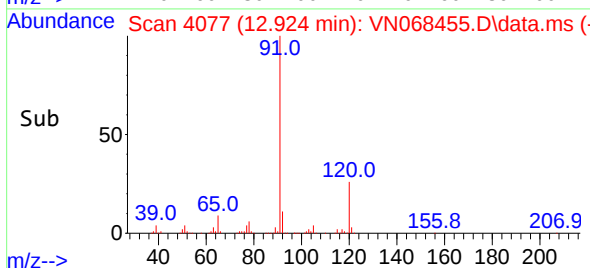
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

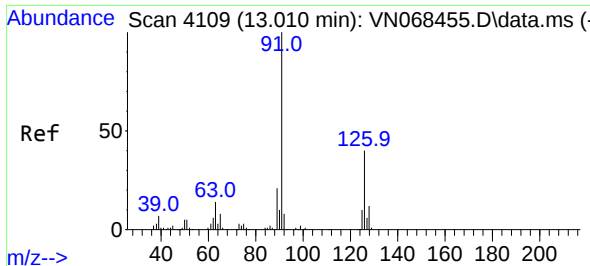


#74
n-propylbenzene
Concen: 18.855 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion: 91 Resp: 563881
Ion Ratio Lower Upper
91 100
120 25.8 0.0 51.6





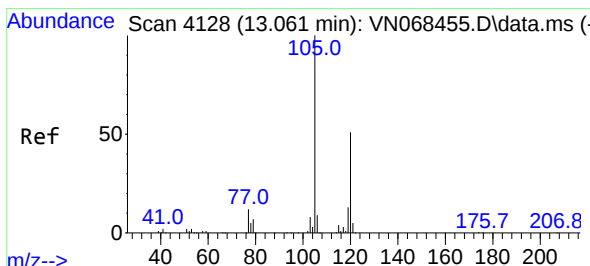
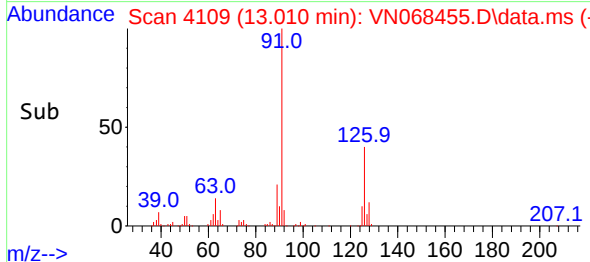
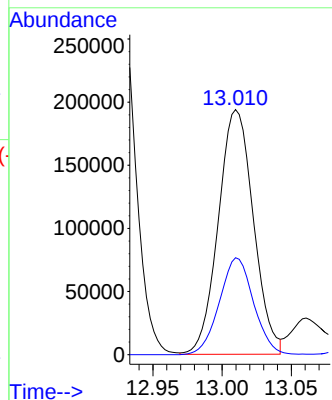
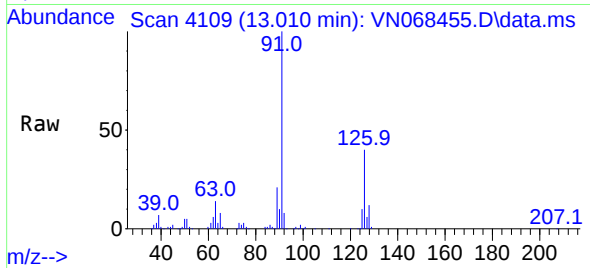
#75
2-Chlorotoluene
Concen: 19.024 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 342390
Ion Ratio Lower Upper
91 100
126 38.6 0.0 77.2

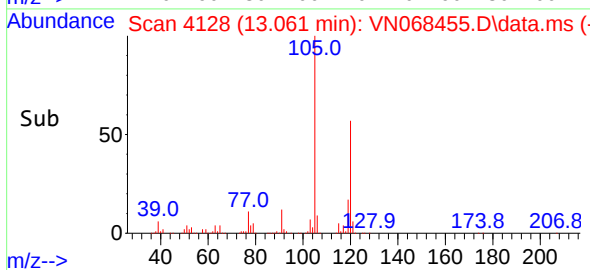
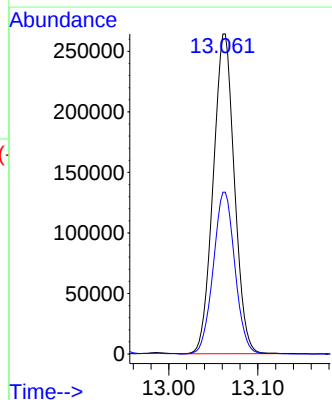
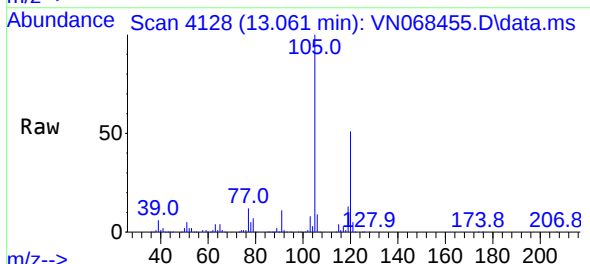
Manual Integrations
APPROVED

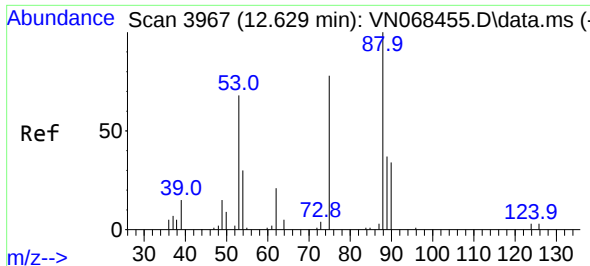
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 18.866 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion:105 Resp: 436781
Ion Ratio Lower Upper
105 100
120 51.7 0.0 103.4





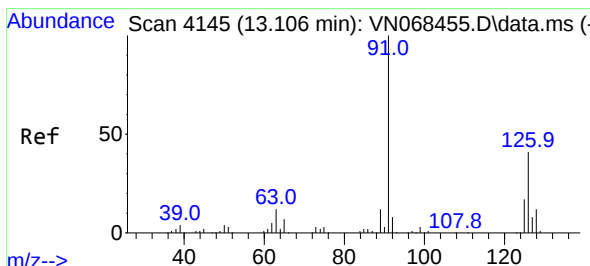
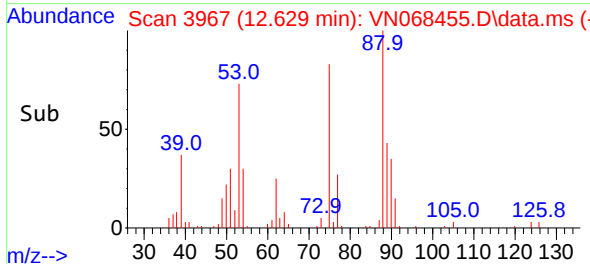
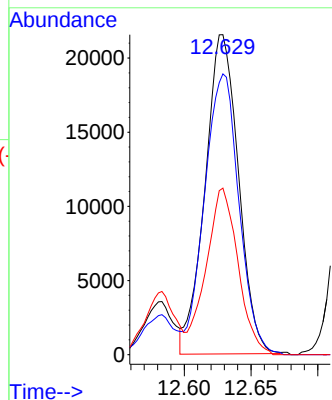
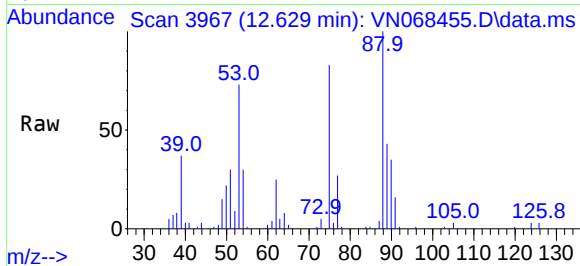
#77
t-1,4-Dichloro-2-butene
Concen: 18.061 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 3745
Ion Ratio Lower Upper
75 100
53 87.6 43.8 131.4
89 52.4 26.2 78.6

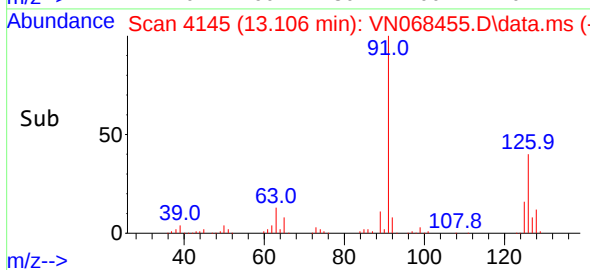
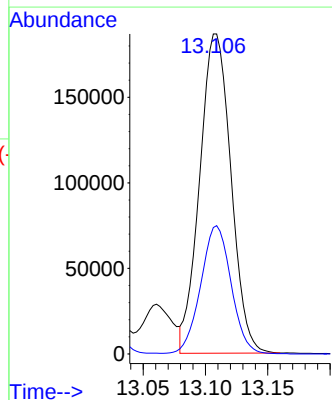
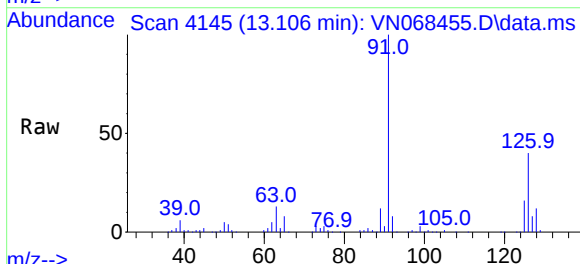
Manual Integrations
APPROVED

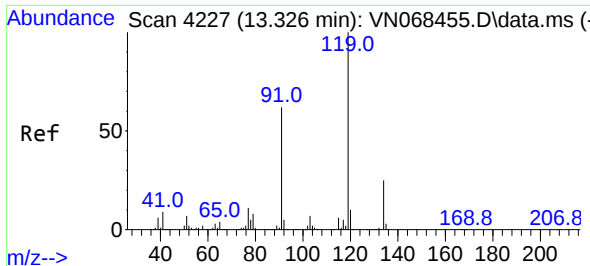
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#78
4-Chlorotoluene
Concen: 18.856 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

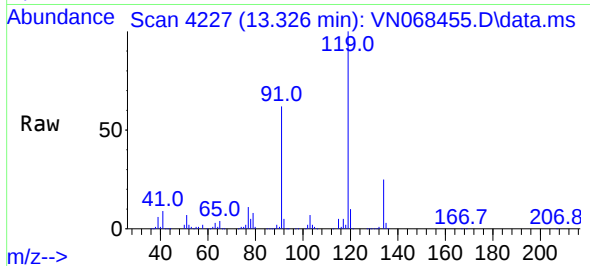
Tgt Ion: 91 Resp: 325684
Ion Ratio Lower Upper
91 100
126 38.9 0.0 77.8





#79
tert-butylbenzene
Concen: 18.791 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

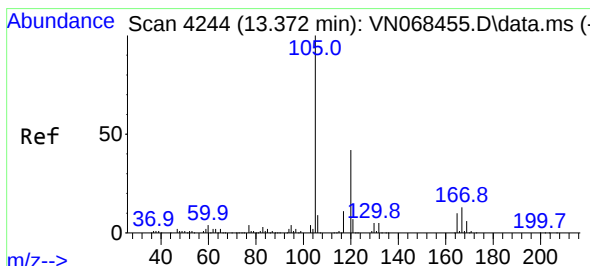
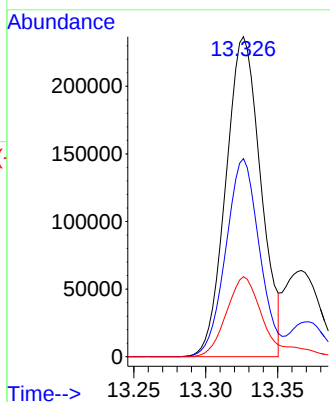
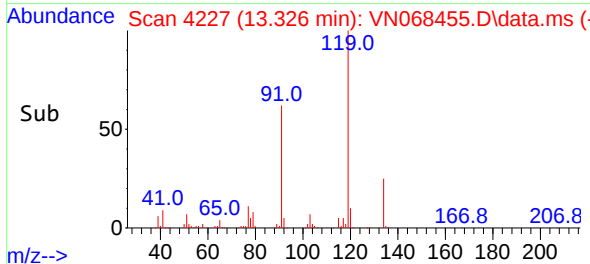
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 399683
Ion Ratio Lower Upper
119 100
91 60.0 0.0 120.0
134 27.0 0.0 54.0

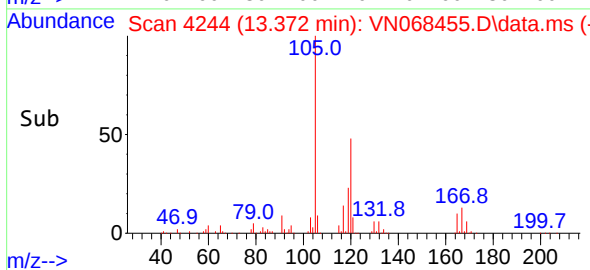
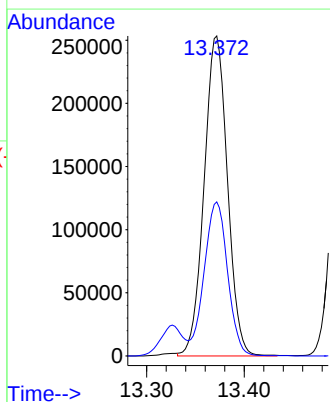
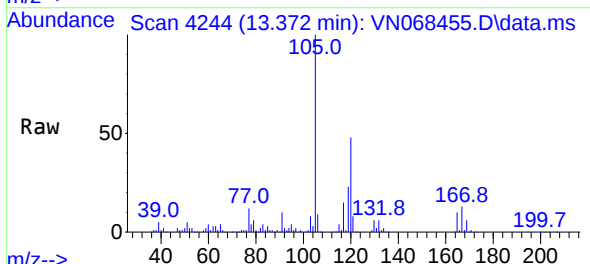
Manual Integrations
APPROVED

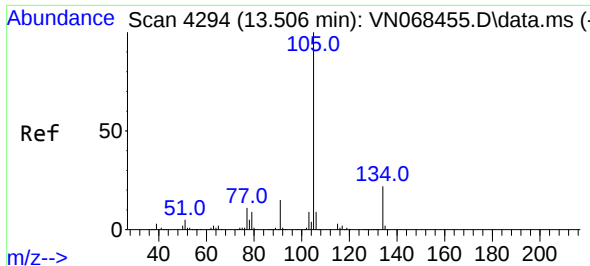
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#80
1,2,4-Trimethylbenzene
Concen: 15.603 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion:105 Resp: 422127
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





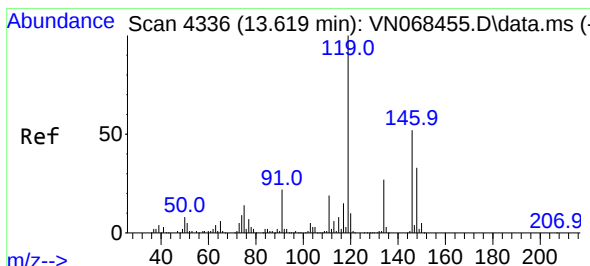
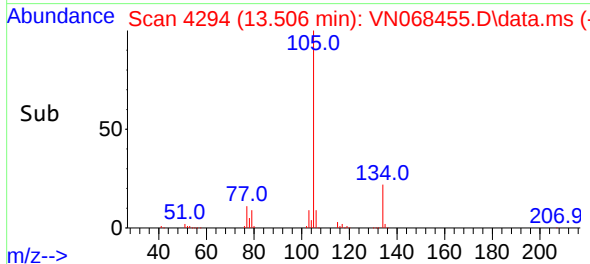
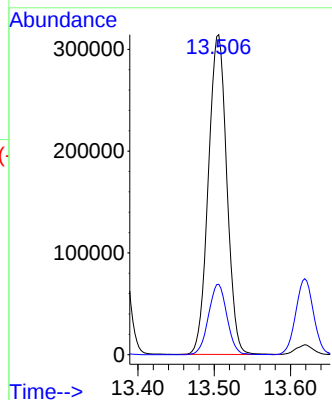
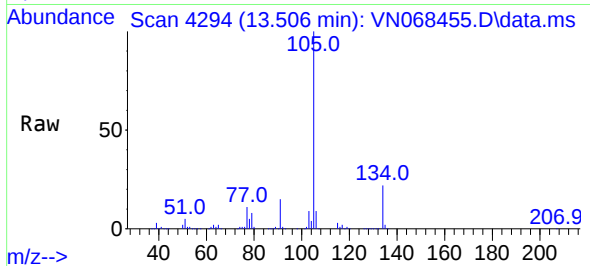
#81
 sec-Butylbenzene
 Concen: 18.773 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.000 min
 Lab File: VN068455.D
 Acq: 13 Sep 2021 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 527809
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 43.8

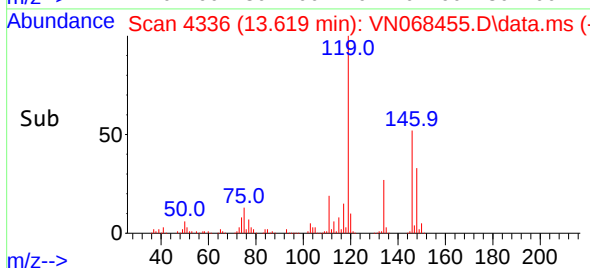
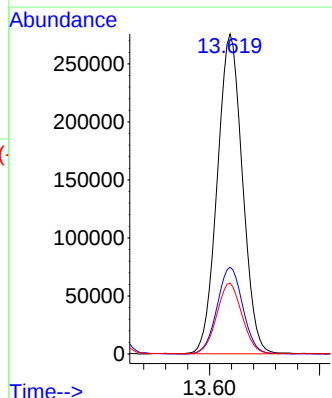
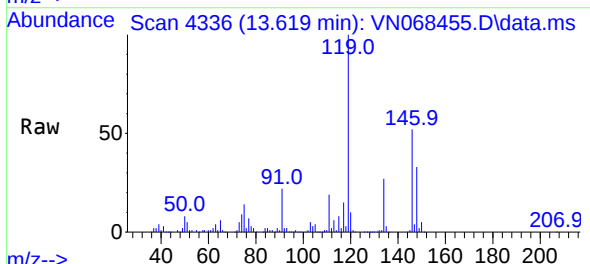
Manual Integrations
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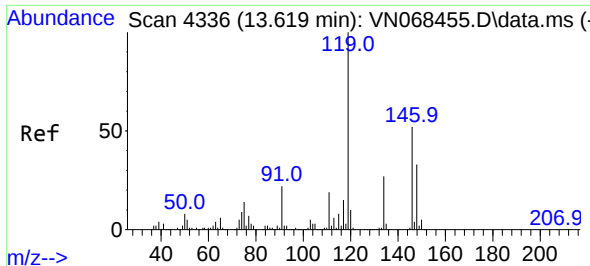
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#82
 p-Isopropyltoluene
 Concen: 18.140 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068455.D
 Acq: 13 Sep 2021 14:04

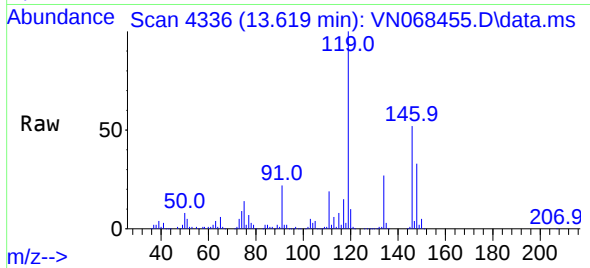
Tgt Ion:119 Resp: 437442
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 55.4
 91 22.2 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 18.084 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

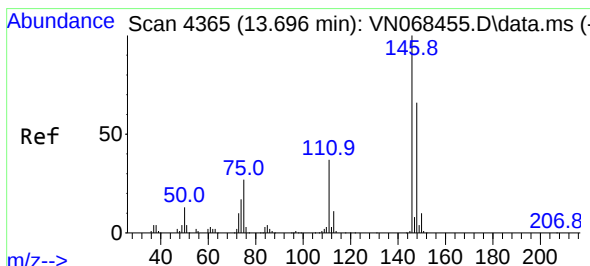
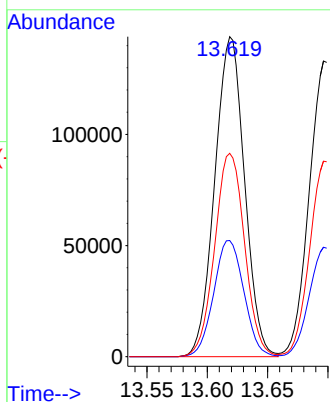
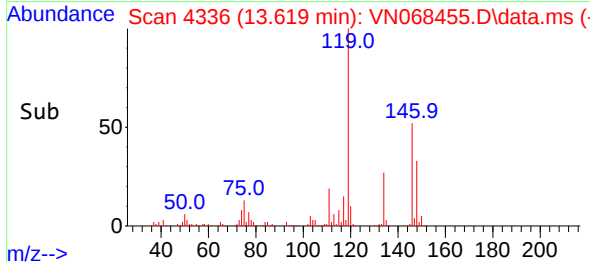
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



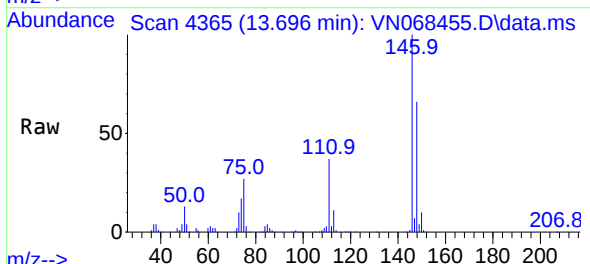
Tgt Ion:146 Resp: 247449
Ion Ratio Lower Upper
146 100
111 36.8 18.4 55.2
148 64.0 32.0 96.0

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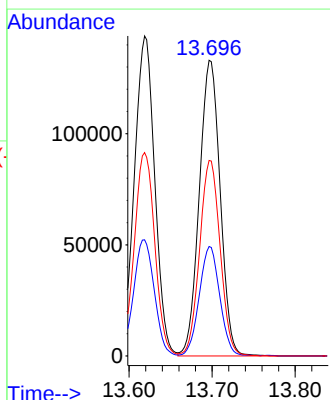
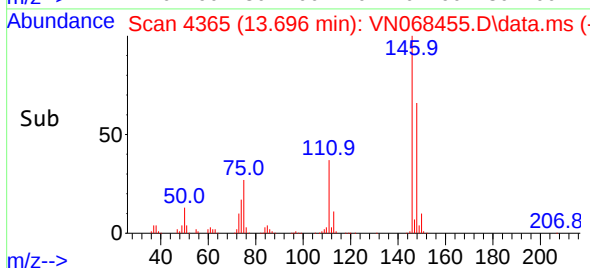
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

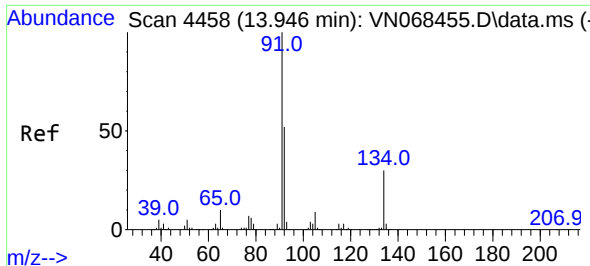


#84
1,4-Dichlorobenzene
Concen: 17.742 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion:146 Resp: 232557
Ion Ratio Lower Upper
146 100
111 36.4 18.2 54.6
148 65.1 32.6 97.7





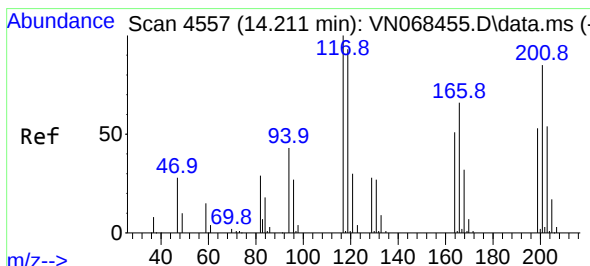
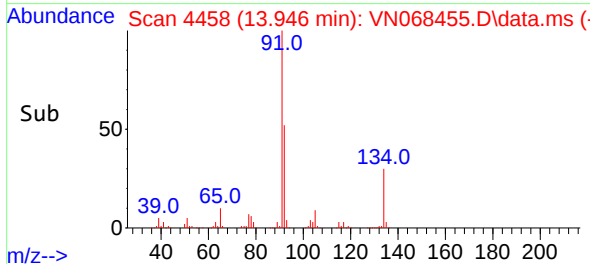
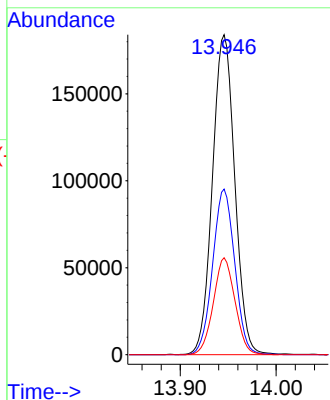
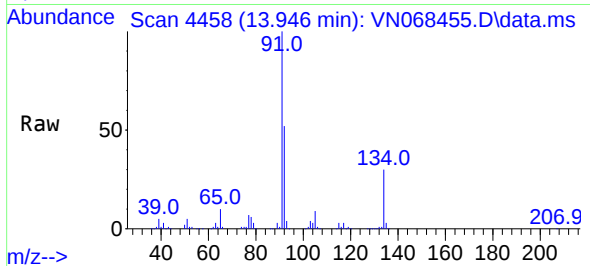
#85
n-Butylbenzene
Concen: 17.344 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 29750
Ion Ratio Lower Upper
91 100
92 51.2 0.0 102.4
134 29.4 0.0 58.8

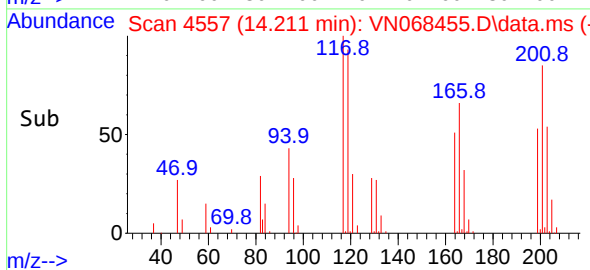
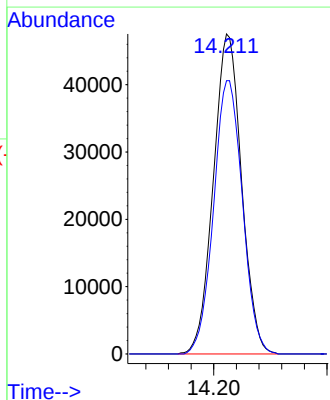
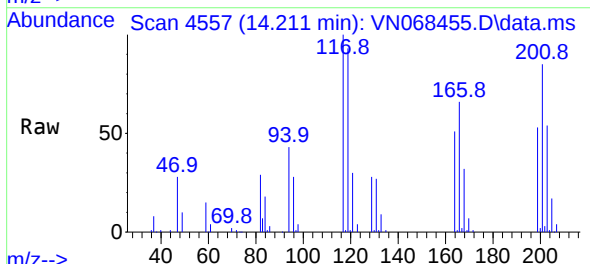
Manual Integrations
APPROVED

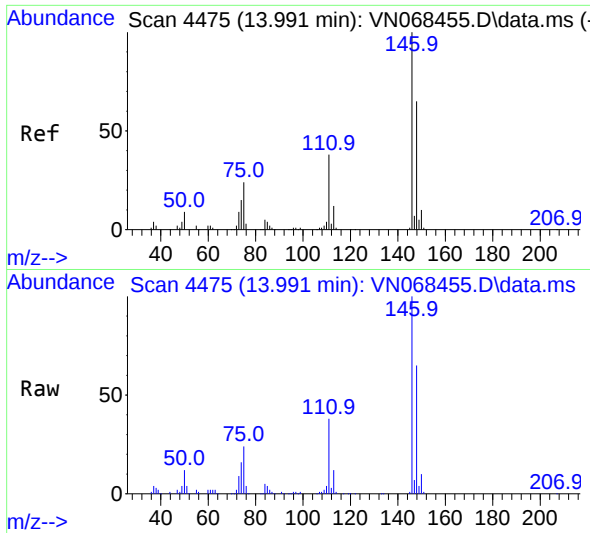
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#86
Hexachloroethane
Concen: 18.523 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

Tgt Ion:117 Resp: 82053
Ion Ratio Lower Upper
117 100
201 87.2 43.6 130.8





#87

1,2-Dichlorobenzene

Concen: 18.169 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

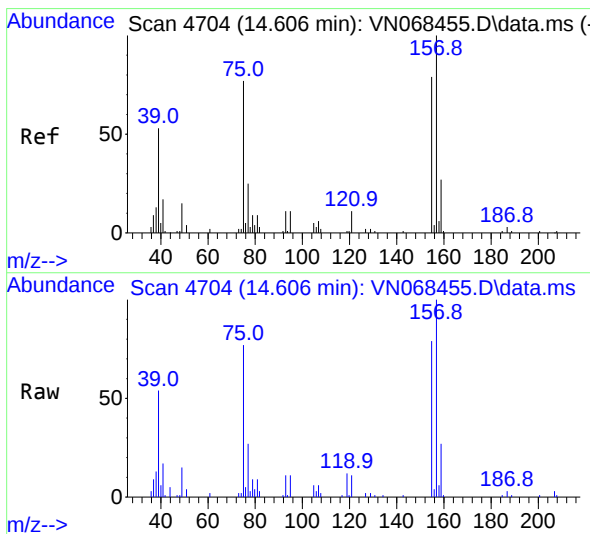
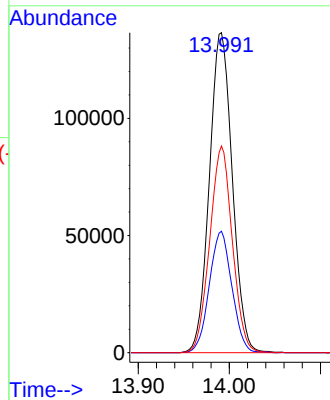
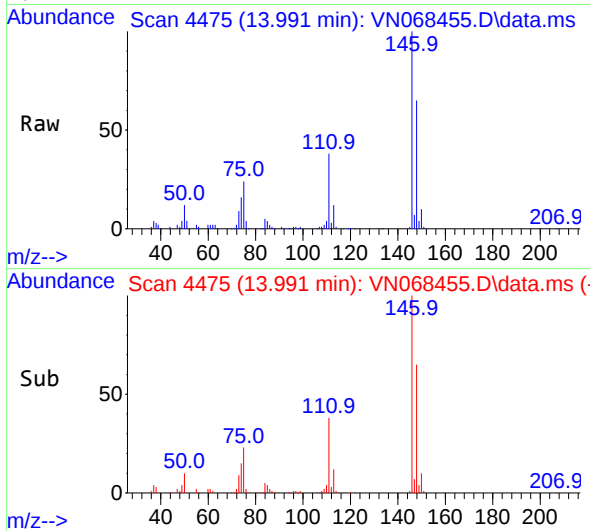
Tgt Ion:	146	Resp:	23889
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.6	56.0
148	63.7	31.9	95.5

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: 18.272 ug/l

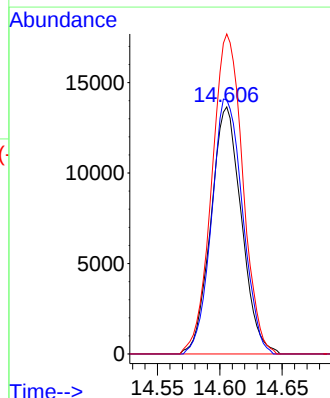
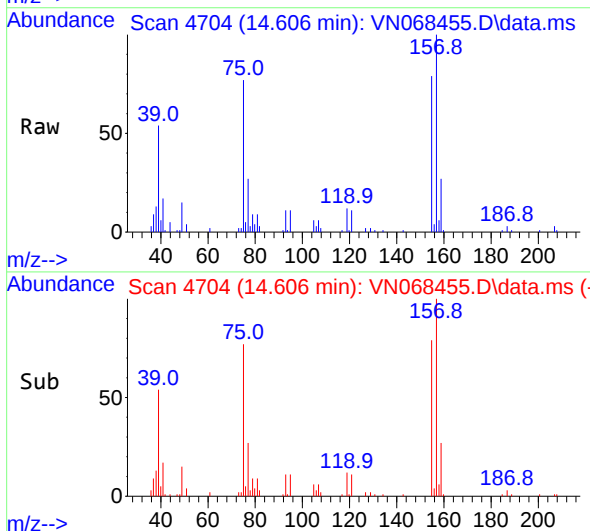
RT: 14.606 min Scan# 4704

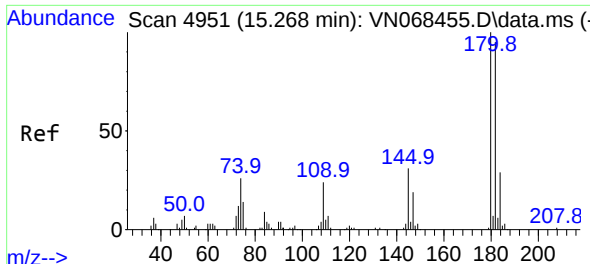
Delta R.T. 0.000 min

Lab File: VN068455.D

Acq: 13 Sep 2021 14:04

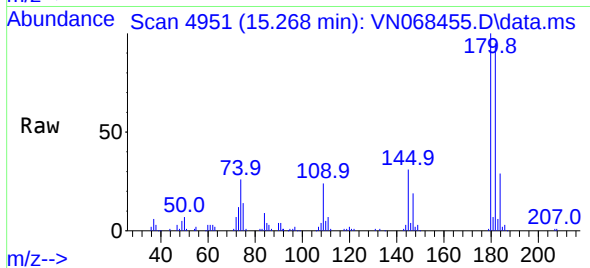
Tgt Ion:	75	Resp:	23322
Ion Ratio	Lower	Upper	
75	100		
155	104.1	83.3	124.9
157	131.1	104.9	157.3





#89
1,2,4-Trichlorobenzene
Concen: 15.278 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

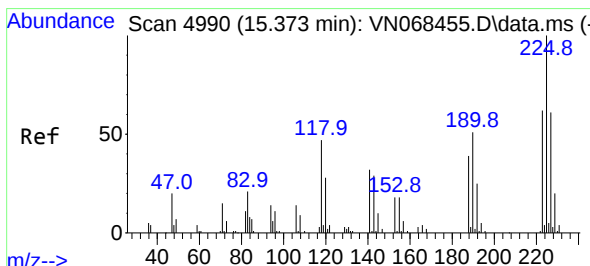
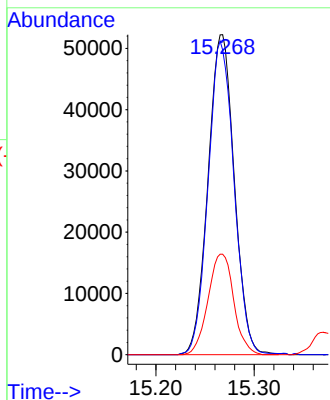
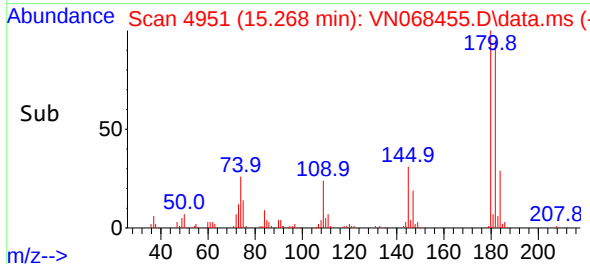
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



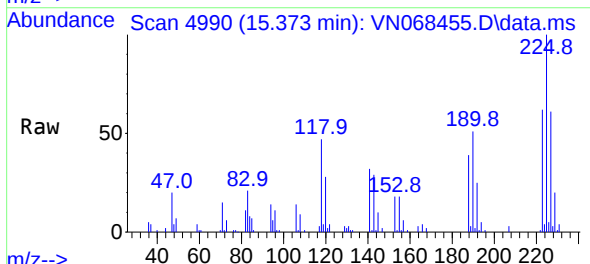
Tgt Ion:180 Resp: 97059
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.4
145 30.7 24.6 36.8

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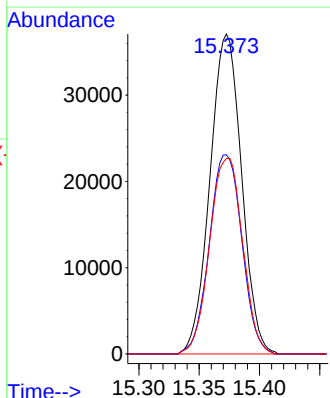
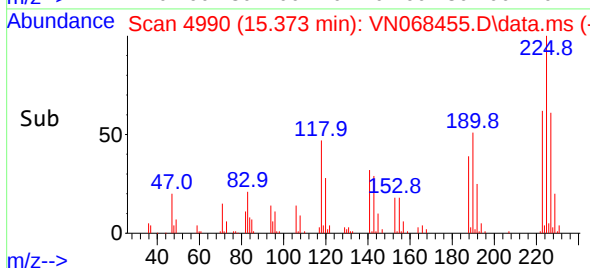
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

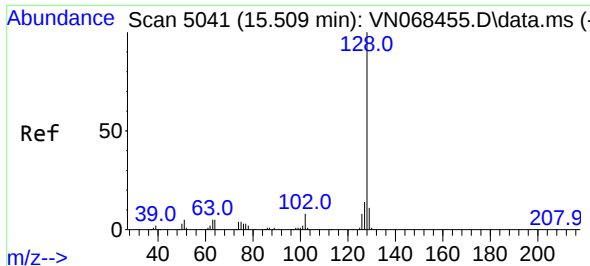


#90
Hexachlorobutadiene
Concen: 16.834 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



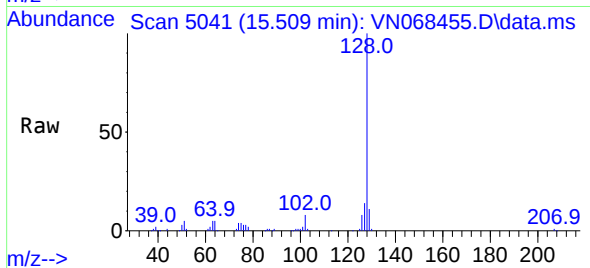
Tgt Ion:225 Resp: 67640
Ion Ratio Lower Upper
225 100
223 64.2 0.0 128.4
227 63.9 0.0 127.8





#91
Naphthalene
Concen: 15.117 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04

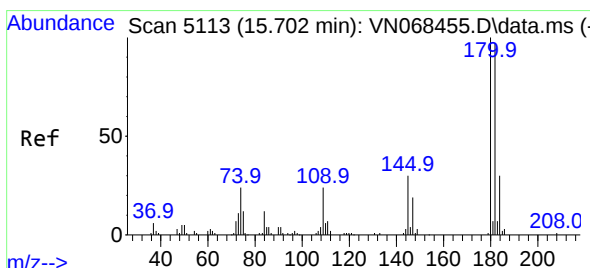
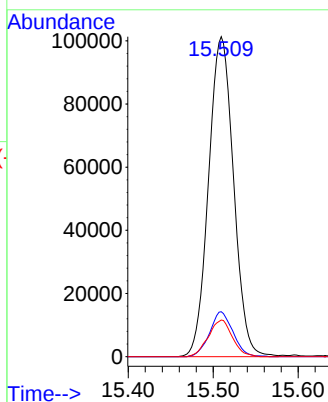
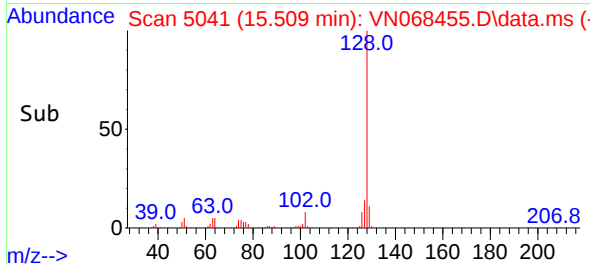
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



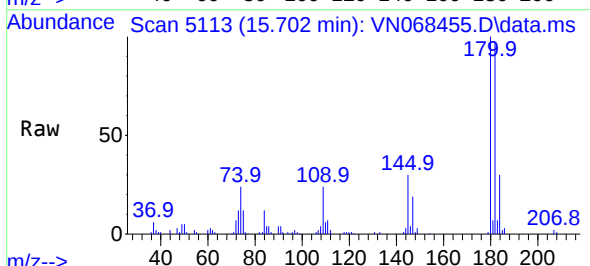
Tgt Ion:128 Resp: 207178
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2

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



#92
1,2,3-Trichlorobenzene
Concen: 16.031 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068455.D
Acq: 13 Sep 2021 14:04



Tgt Ion:180 Resp: 95913
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.2
145 30.9 0.0 61.8

