

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070638.D
 Acq On : 14 Jan 2022 21:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 05:42:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	942036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1610071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1526536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	608837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	623104	46.004	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.000%		
35) Dibromofluoromethane	8.021	113	467205	47.959	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.920%		
50) Toluene-d8	10.441	98	1905686	47.886	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.731	95	729993	50.788	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	414583	38.807	ug/l	99
3) Chloromethane	2.303	50	619995	42.663	ug/l	99
4) Vinyl Chloride	2.446	62	589807	44.577	ug/l	98
5) Bromomethane	2.829	94	294712	43.155	ug/l	98
6) Chloroethane	3.003	64	362390	45.480	ug/l	98
7) Trichlorofluoromethane	3.368	101	703238	44.158	ug/l	97
8) Diethyl Ether	3.821	74	365737	52.096	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.200	101	451498	46.353	ug/l	96
10) Methyl Iodide	4.417	142	620266	47.054	ug/l	97
11) Tert butyl alcohol	5.388	59	706789	313.396	ug/l	97
12) 1,1-Dichloroethene	4.175	96	448472	46.744	ug/l	94
13) Acrolein	4.039	56	486506	265.867	ug/l	100
14) Allyl chloride	4.835	41	1092668	50.232	ug/l #	82
15) Acrylonitrile	5.554	53	2058058	292.437	ug/l	99
16) Acetone	4.288	43	1722210	195.870	ug/l	97
17) Carbon Disulfide	4.524	76	1044975	39.902	ug/l	99
18) Methyl Acetate	4.857	43	1412048	55.518	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1892855	53.125	ug/l	93
20) Methylene Chloride	5.093	84	583847	47.993	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	471500	46.415	ug/l	85
22) Diisopropyl ether	6.498	45	2260557	53.355	ug/l #	89
23) Vinyl Acetate	6.434	43	8664688	263.587	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1084134	49.350	ug/l	97
25) 2-Butanone	7.338	43	2929595	264.620	ug/l	93
26) 2,2-Dichloropropane	7.324	77	692106	39.935	ug/l	100
27) cis-1,2-Dichloroethene	7.324	96	608511	50.203	ug/l	89
28) Bromochloromethane	7.657	49	570902	53.138	ug/l #	77
29) Tetrahydrofuran	7.686	42	1933757	292.757	ug/l	88
30) Chloroform	7.818	83	1194804	56.376	ug/l	98
31) Cyclohexane	8.094	56	988447	46.245	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	833276	46.631	ug/l	97
36) 1,1-Dichloropropene	8.220	75	735731	45.654	ug/l	96
37) Ethyl Acetate	7.415	43	1124045	53.811	ug/l	98
38) Carbon Tetrachloride	8.204	117	654367	42.523	ug/l	98
39) Methylcyclohexane	9.459	83	888907	45.561	ug/l	89
40) Benzene	8.459	78	2372893	48.028	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	600313	57.456	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	831239	44.761	ug/l	100
43) Isopropyl Acetate	8.560	43	1757354	53.360	ug/l	95
44) Trichloroethene	9.215	130	538804	45.897	ug/l	93
45) 1,2-Dichloropropane	9.491	63	677340	50.918	ug/l	100
46) Dibromomethane	9.577	93	393852	47.614	ug/l	94
47) Bromodichloromethane	9.762	83	806740	49.118	ug/l	100
48) Methyl methacrylate	9.561	41	816674	51.987	ug/l #	84
49) 1,4-Dioxane	9.572	88	281652	1224.817	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	5984211	289.170	ug/l	98
52) Toluene	10.505	92	1503061	50.261	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	878910	49.430	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	962735	50.053	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	606422	51.251	ug/l	97
56) Ethyl methacrylate	10.760	69	1098373	56.180	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1073441	51.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1601813	315.514	ug/l	90
59) 2-Hexanone	11.084	43	4303375	285.155	ug/l	97
60) Dibromochloromethane	11.237	129	576225	49.913	ug/l	100
61) 1,2-Dibromoethane	11.344	107	607795	50.590	ug/l	99
64) Tetrachloroethene	10.977	164	470309	42.545	ug/l	95
65) Chlorobenzene	11.771	112	1555716	48.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	549041	47.482	ug/l	99
67) Ethyl Benzene	11.843	91	2950197	49.712	ug/l	96
68) m/p-Xylenes	11.950	106	2155126	99.765	ug/l	93
69) o-Xylene	12.278	106	1097011	51.055	ug/l	93
70) Styrene	12.294	104	1787979	52.576	ug/l	97
71) Bromoform	12.457	173	433521	50.518	ug/l #	99
73) Isopropylbenzene	12.578	105	2816746	49.819	ug/l	98
74) N-amyl acetate	12.385	43	1310280	55.116	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.828	83	971601	52.698	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	759190m	42.551	ug/l	
77) Bromobenzene	12.860	156	632625	48.736	ug/l	75
78) n-propylbenzene	12.919	91	3170904	50.617	ug/l	96
79) 2-Chlorotoluene	13.007	91	1969122	48.990	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2289800	50.539	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	270810	54.344	ug/l	93
82) 4-Chlorotoluene	13.104	91	1843821	48.972	ug/l	92
83) tert-Butylbenzene	13.324	119	1985475	49.767	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	2272679	52.092	ug/l	97
85) sec-Butylbenzene	13.501	105	2752377	50.815	ug/l	97
86) p-Isopropyltoluene	13.613	119	2166644	50.922	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1032753	47.527	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	990013	46.187	ug/l	97
89) n-Butylbenzene	13.943	91	1783149	50.244	ug/l	97
90) Hexachloroethane	14.211	117	372394	50.380	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	1000319	46.958	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	168902	51.568	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	502951	50.108	ug/l	98
94) Hexachlorobutadiene	15.370	225	283092	48.529	ug/l	99
95) Naphthalene	15.504	128	1678397	60.126	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	504488	52.504	ug/l	99

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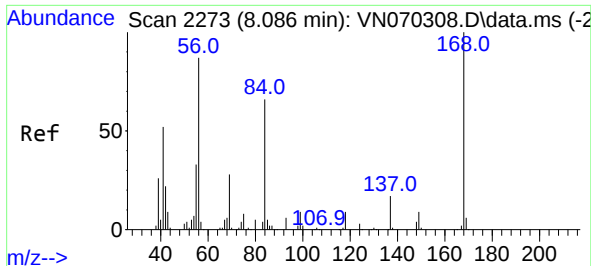
Manual Integrations
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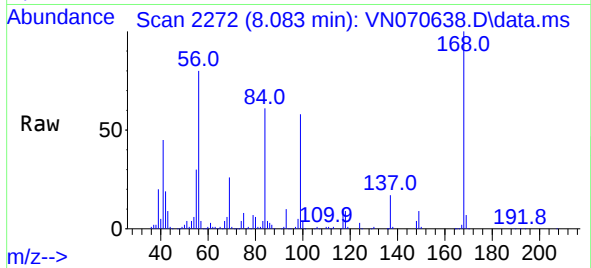
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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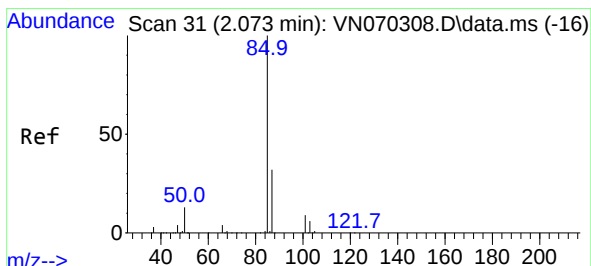
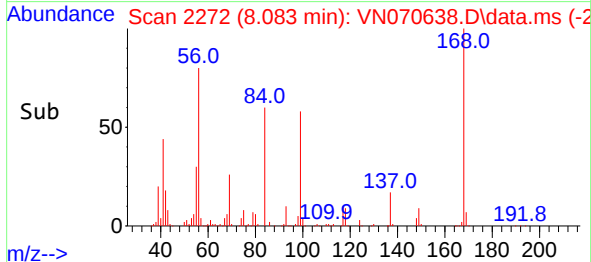
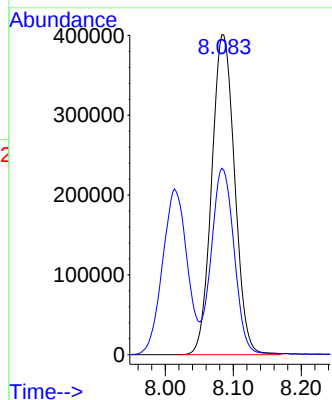
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 942036
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9

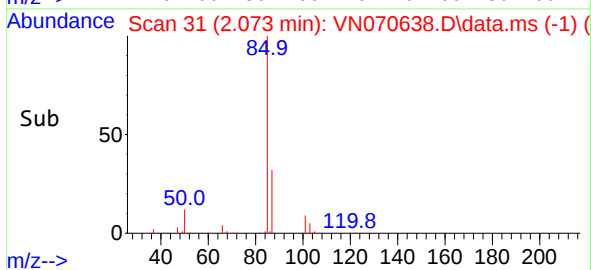
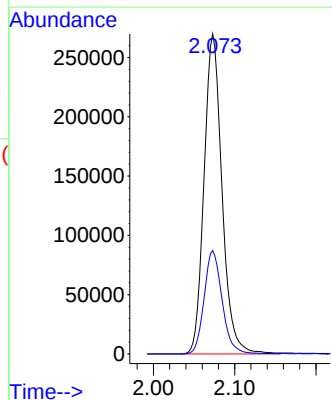
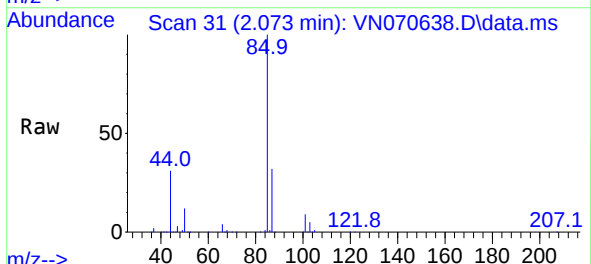
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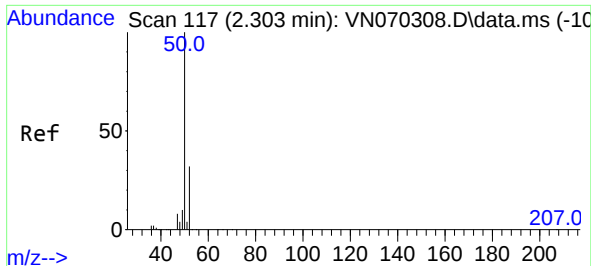
Reviewed By :John Carlone 01/17/2022
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#2
Dichlorodifluoromethane
Concen: 38.807 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

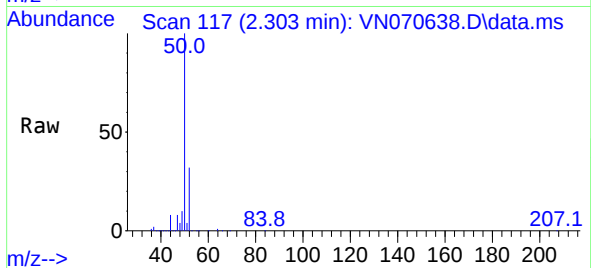
Tgt Ion: 85 Resp: 414583
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 42.663 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

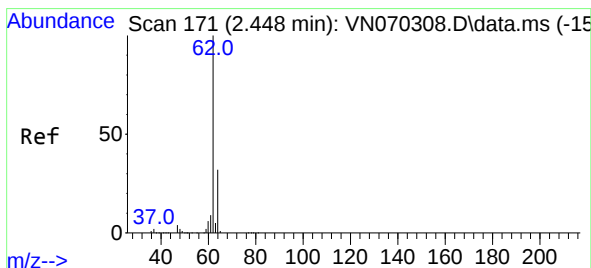
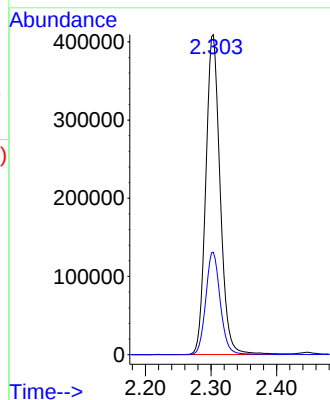
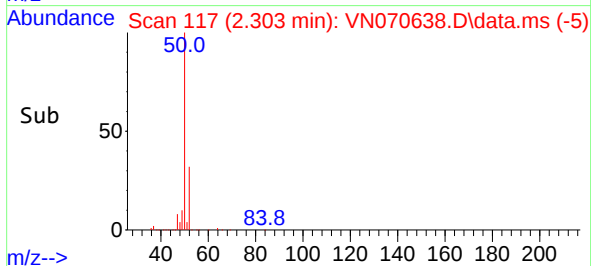
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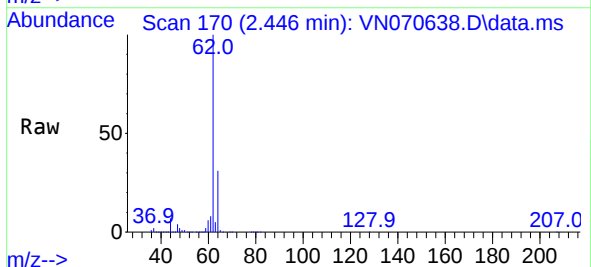
Tgt Ion: 50 Resp: 61999
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

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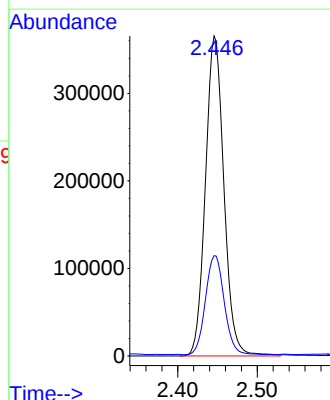
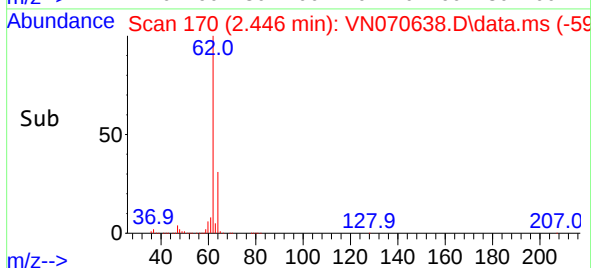
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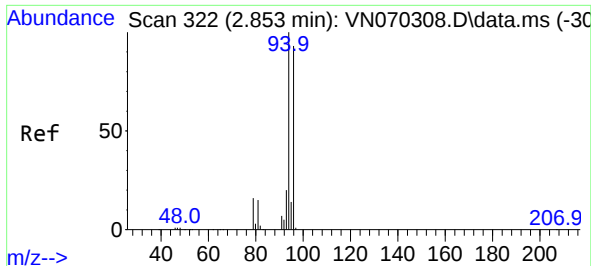


#4
Vinyl Chloride
Concen: 44.577 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.002 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



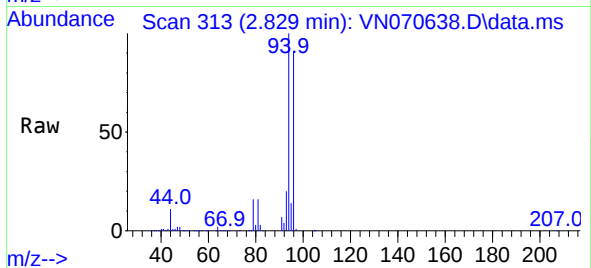
Tgt Ion: 62 Resp: 589807
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.6





#5
Bromomethane
Concen: 43.155 ug/l
RT: 2.829 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070638.D
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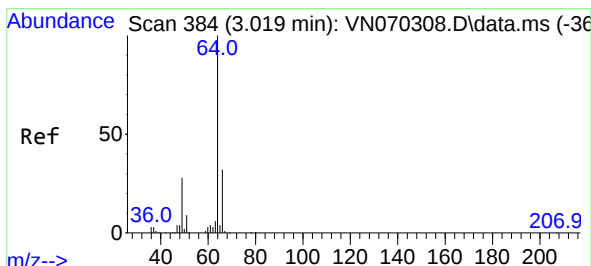
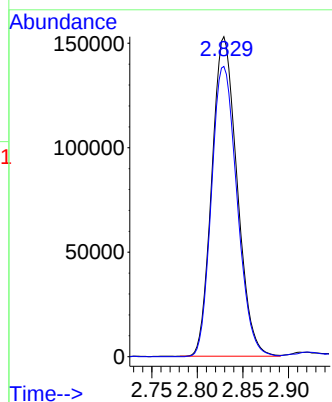
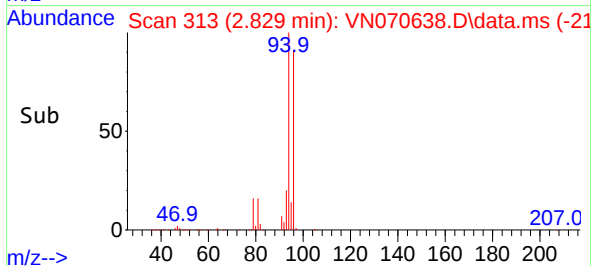
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Tgt Ion: 94 Resp: 294712
Ion Ratio Lower Upper
94 100
96 90.9 73.8 110.8

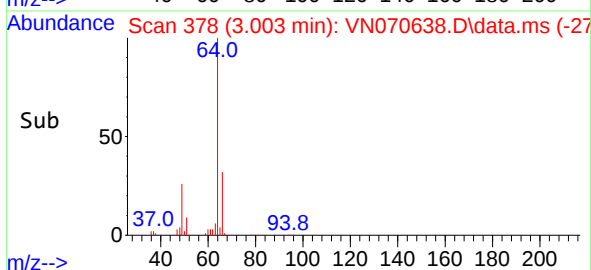
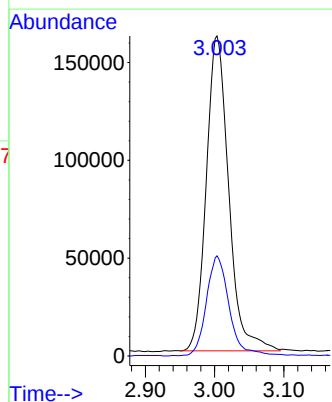
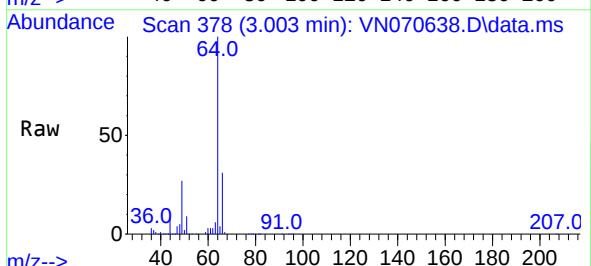
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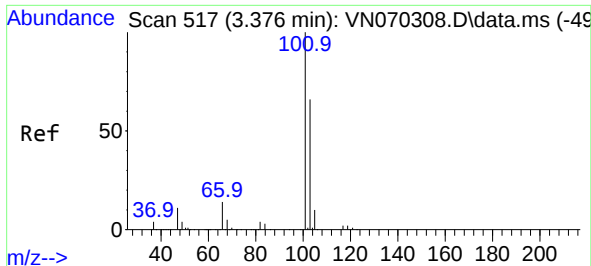
Reviewed By :John Carlone 01/17/2022
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#6
Chloroethane
Concen: 45.480 ug/l
RT: 3.003 min Scan# 378
Delta R.T. -0.016 min
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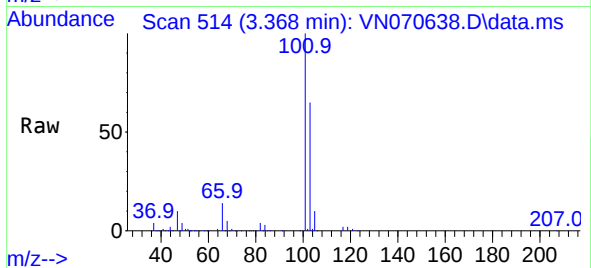
Tgt Ion: 64 Resp: 362390
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 44.158 ug/l
RT: 3.368 min Scan# 517
Delta R.T. -0.008 min
Lab File: VN070638.D
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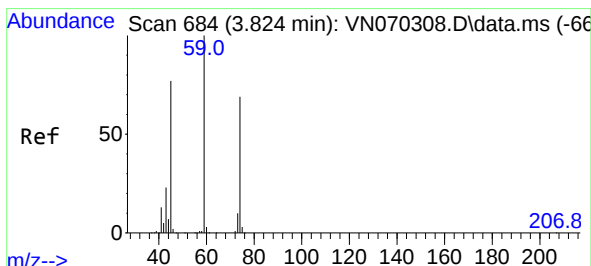
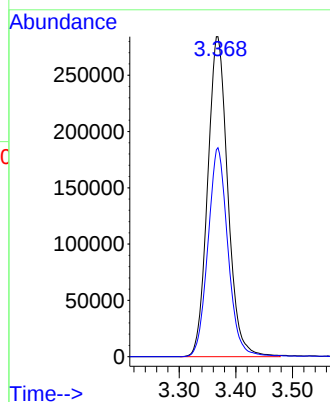
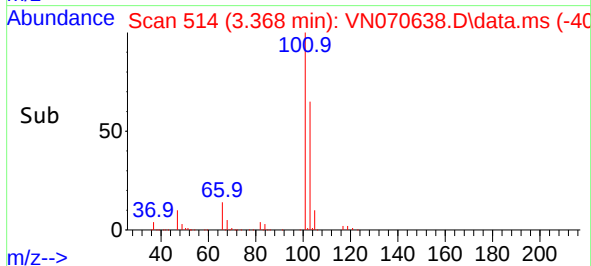
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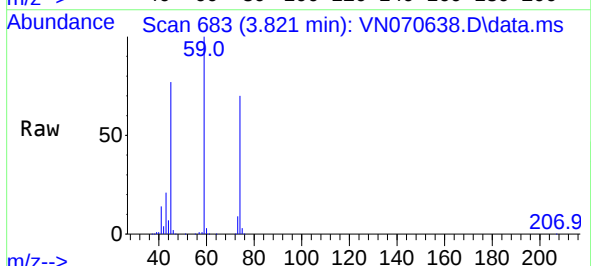
Tgt Ion:101 Resp: 703238
Ion Ratio Lower Upper
101 100
103 65.3 50.1 75.1

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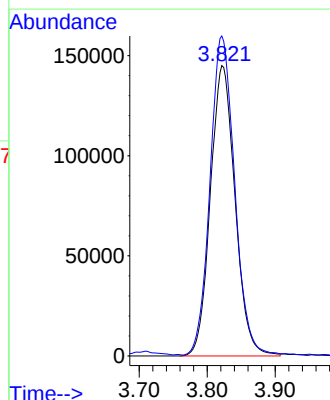
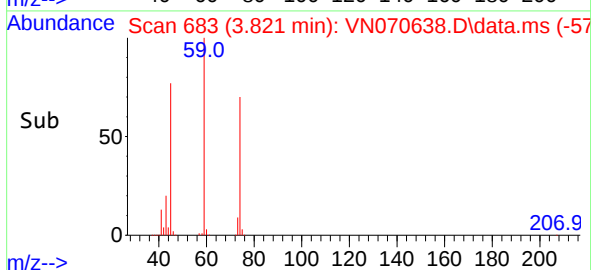
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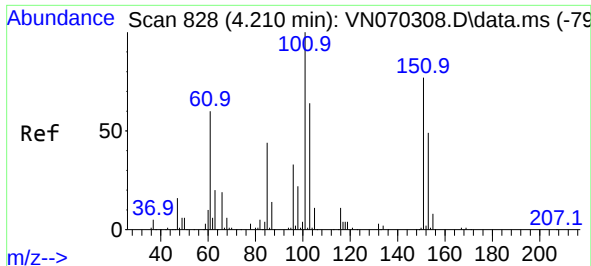


#8
Diethyl Ether
Concen: 52.096 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 365737
Ion Ratio Lower Upper
74 100
45 109.5 47.0 141.2





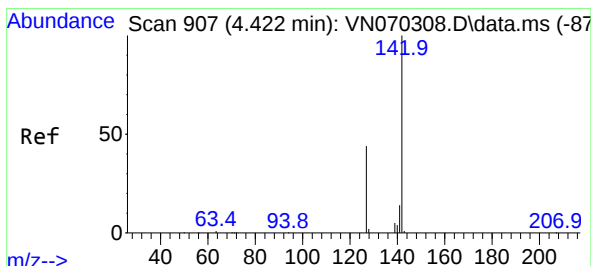
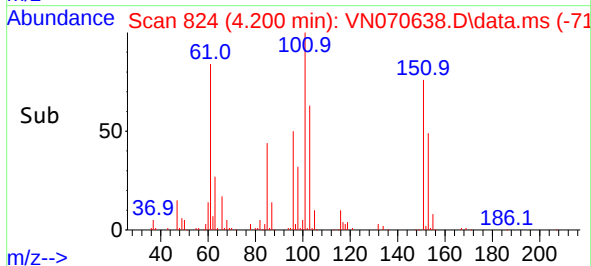
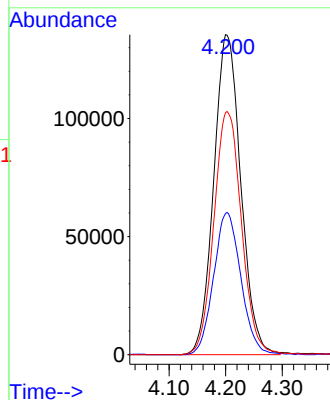
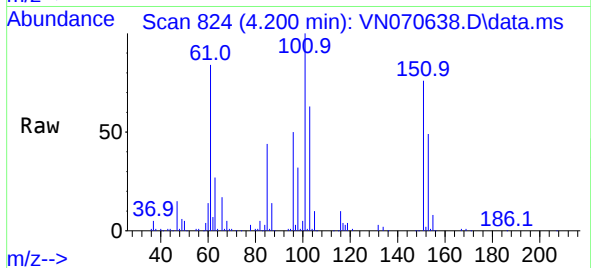
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.353 ug/l
RT: 4.200 min Scan# 81
Delta R.T. -0.010 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 451498
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 77.4 65.9 98.9

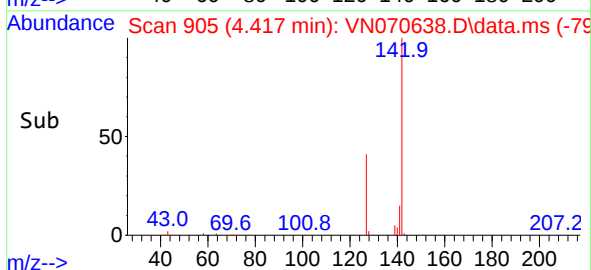
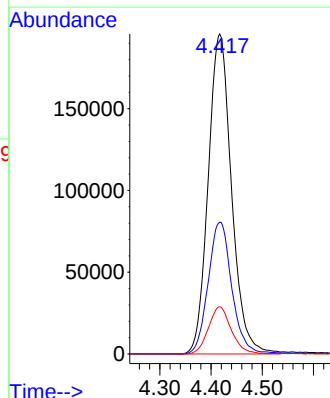
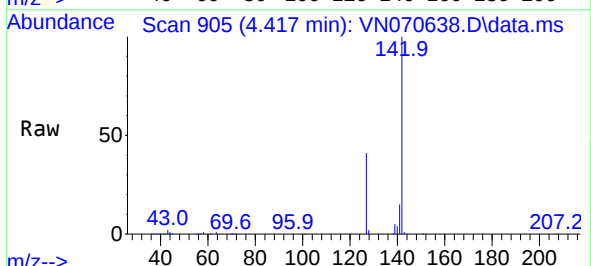
Manual Integrations
APPROVED

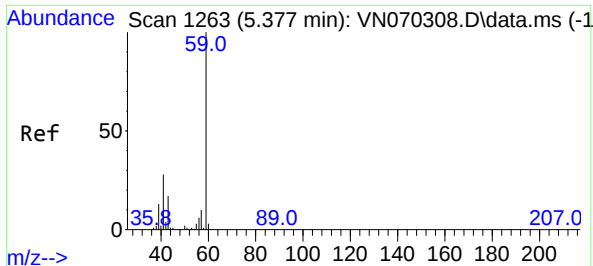
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#10
Methyl Iodide
Concen: 47.054 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.005 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Tgt Ion:142 Resp: 620266
Ion Ratio Lower Upper
142 100
127 41.3 35.4 53.0
141 14.5 11.6 17.4





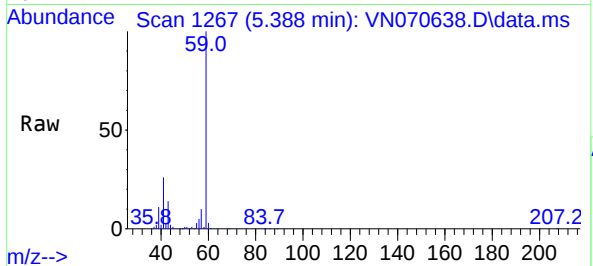
#11
Tert butyl alcohol
Concen: 313.396 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



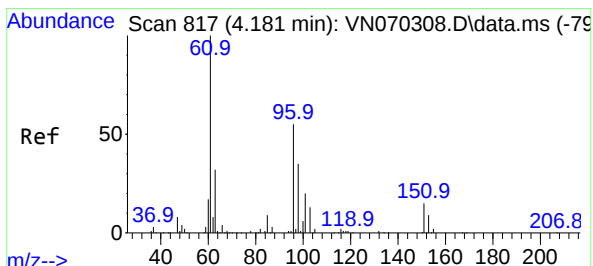
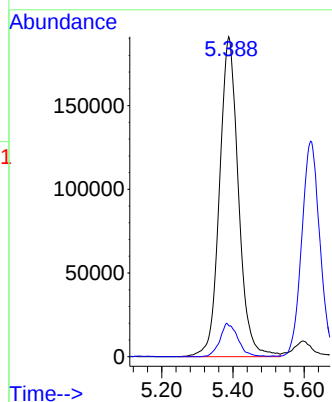
Tgt Ion: 59 Resp: 706789
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1

Manual Integrations

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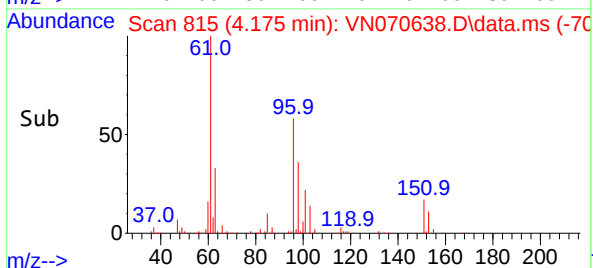
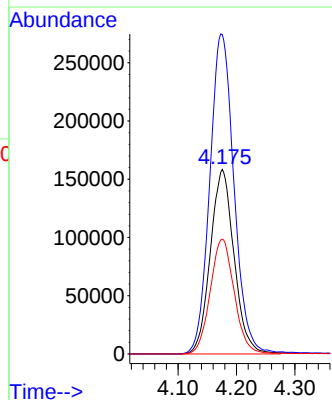
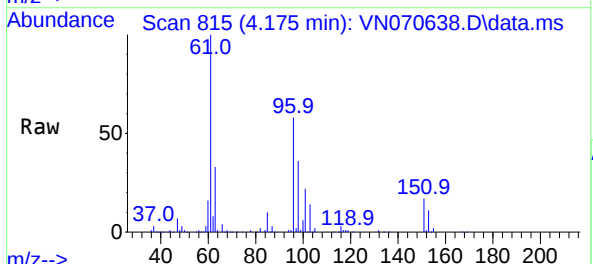
Reviewed By :John Carlone 01/17/2022

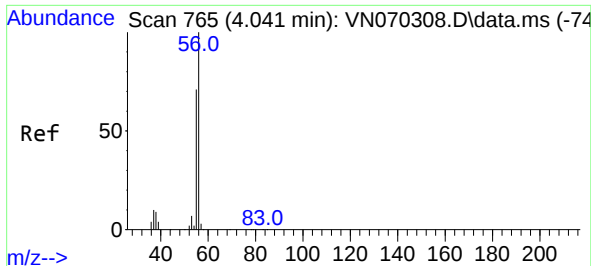
Supervised By :Mahesh Dadoda 01/18/2022



#12
1,1-Dichloroethene
Concen: 46.744 ug/l
RT: 4.175 min Scan# 815
Delta R.T. -0.006 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

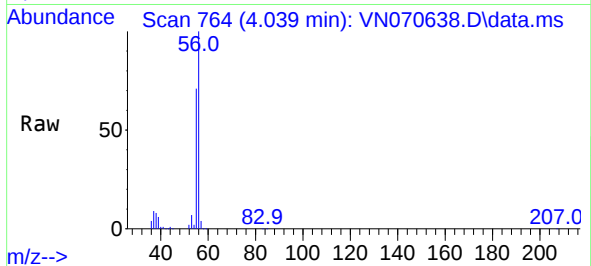
Tgt Ion: 96 Resp: 448472
Ion Ratio Lower Upper
96 100
61 172.8 131.0 196.6
98 62.1 52.4 78.6





#13
Acrolein
Concen: 265.867 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

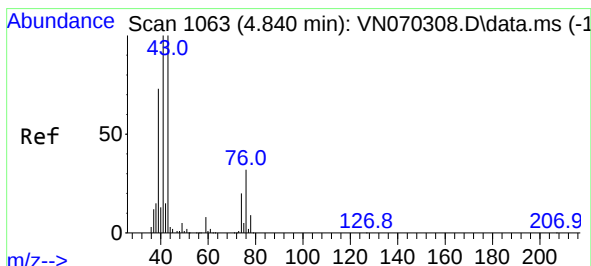
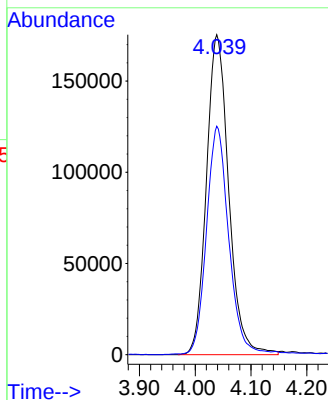
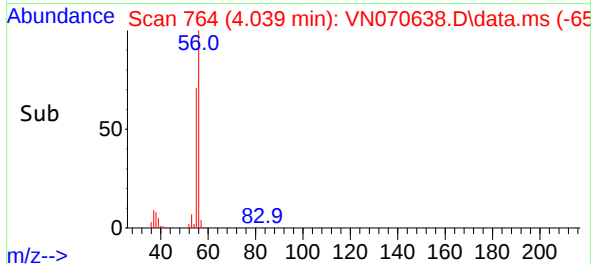
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



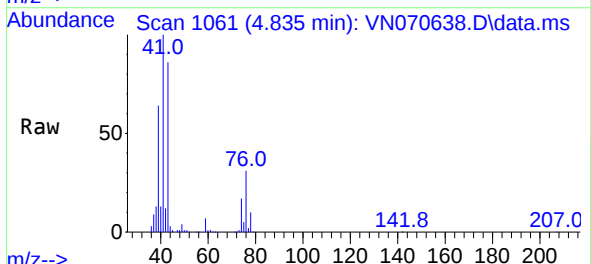
Tgt Ion: 56 Resp: 486500
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

Manual Integrations
APPROVED

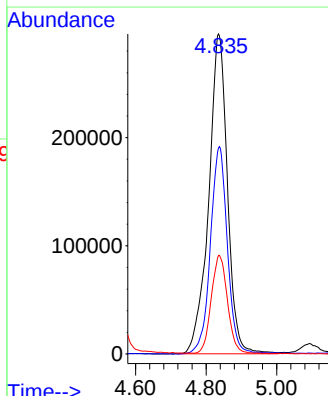
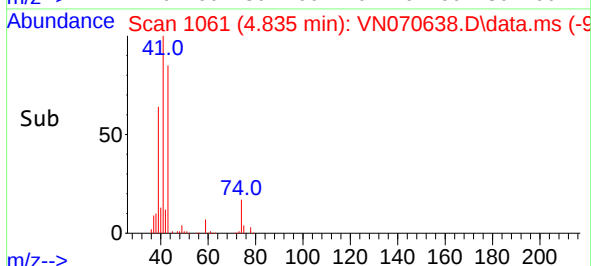
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

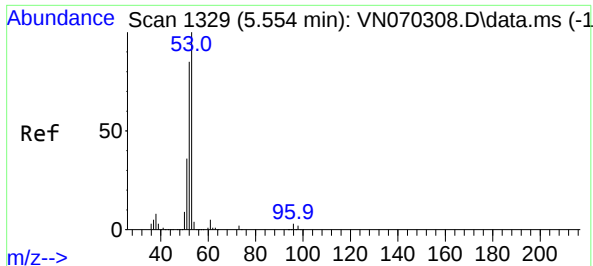


#14
Allyl chloride
Concen: 50.232 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.005 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



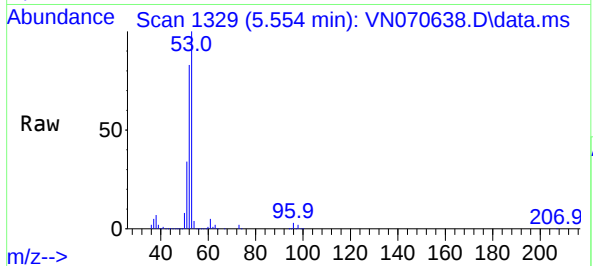
Tgt Ion: 41 Resp: 1092668
Ion Ratio Lower Upper
41 100
39 58.7 61.2 91.8#
76 26.2 26.0 39.0





#15
Acrylonitrile
Concen: 292.437 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

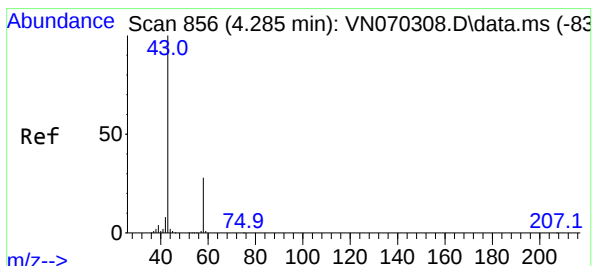
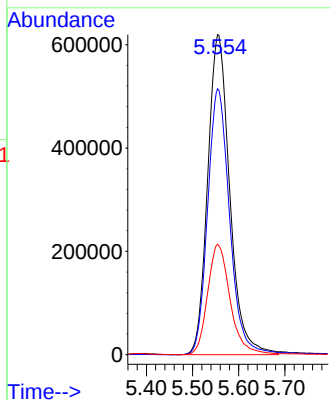
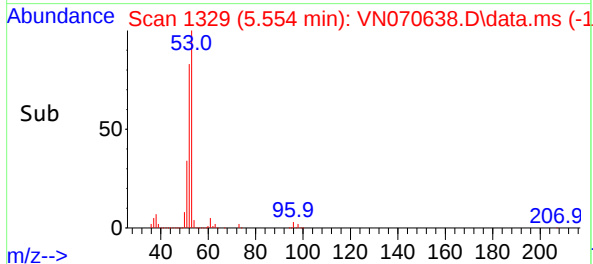
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 205805
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 35.3 29.6 44.4

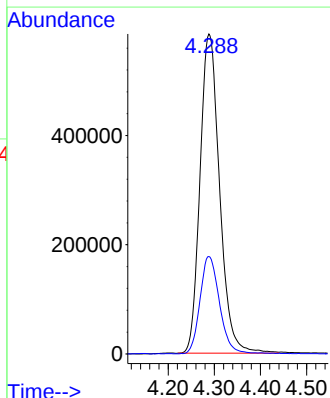
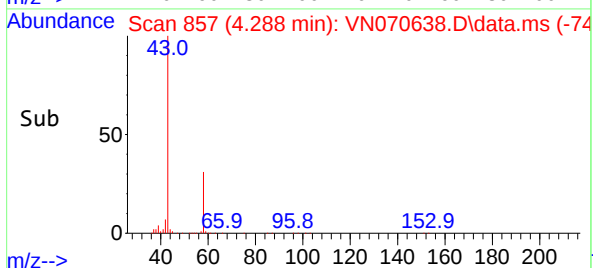
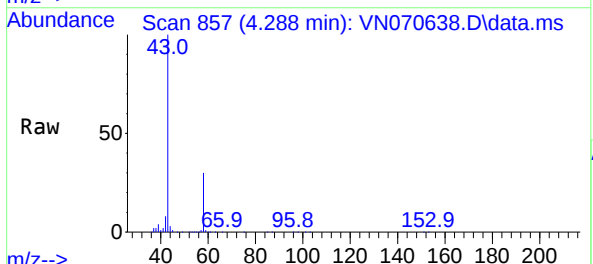
Manual Integrations
APPROVED

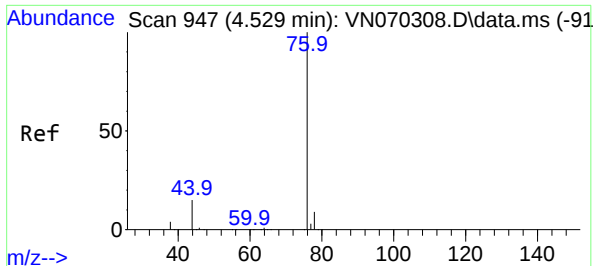
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#16
Acetone
Concen: 195.870 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

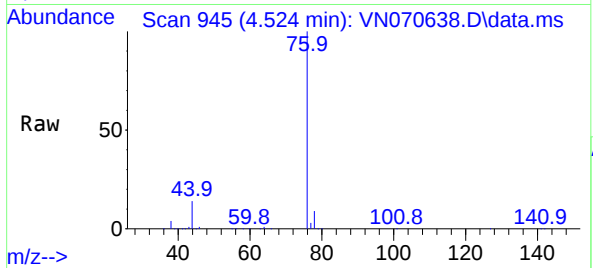
Tgt Ion: 43 Resp: 1722210
Ion Ratio Lower Upper
43 100
58 30.5 23.1 34.7





#17
Carbon Disulfide
Concen: 39.902 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

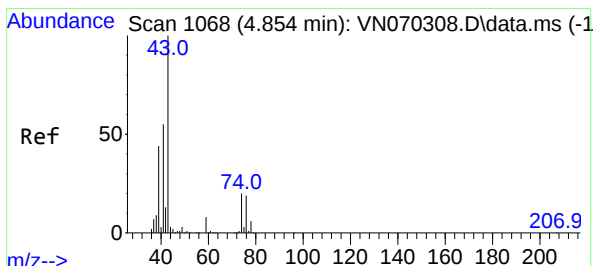
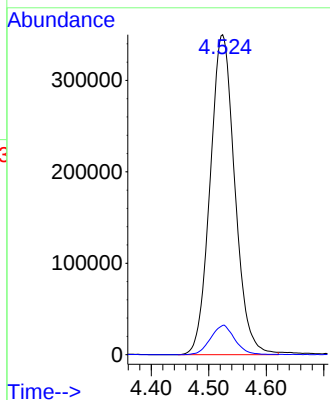
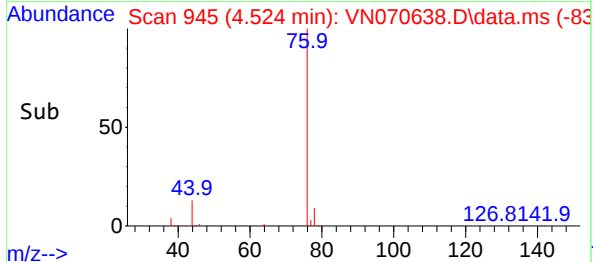
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



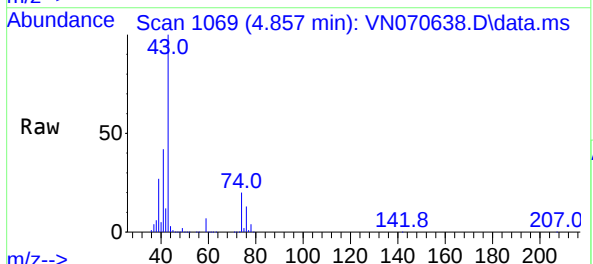
Tgt Ion: 76 Resp: 104497
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
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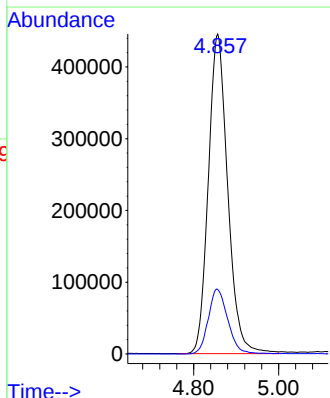
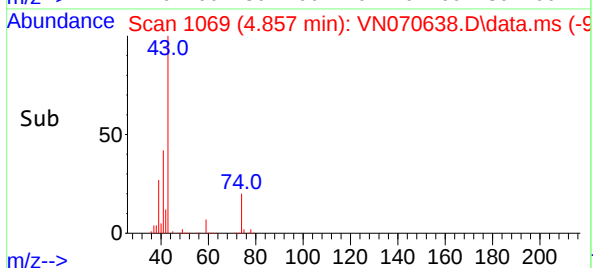
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

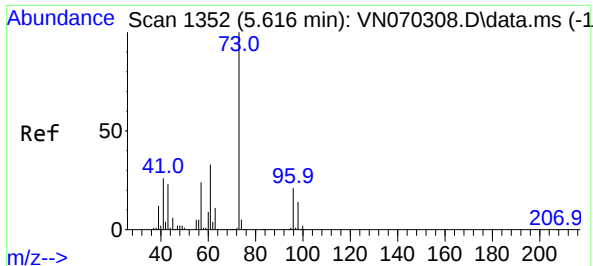


#18
Methyl Acetate
Concen: 55.518 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



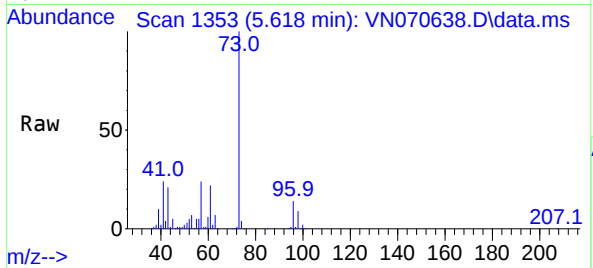
Tgt Ion: 43 Resp: 1412048
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.125 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

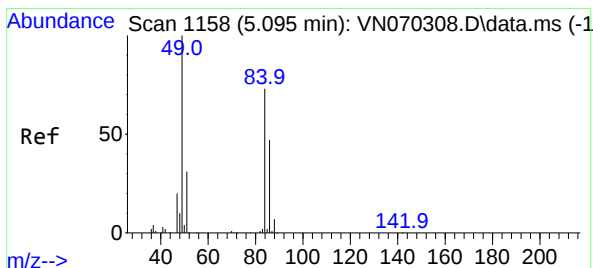
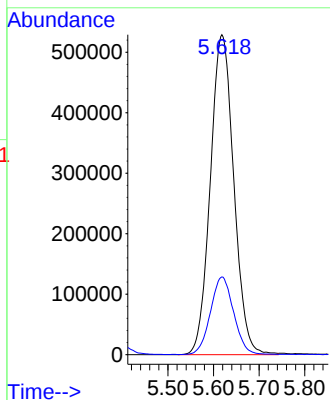
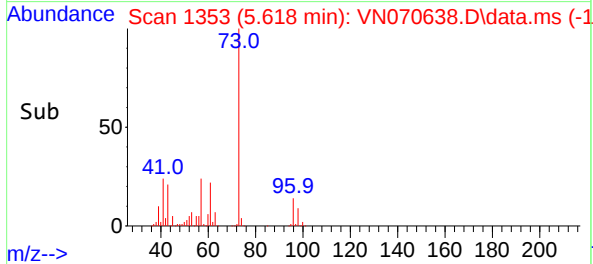
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 189285
Ion Ratio Lower Upper
73 100
57 24.3 16.8 25.2

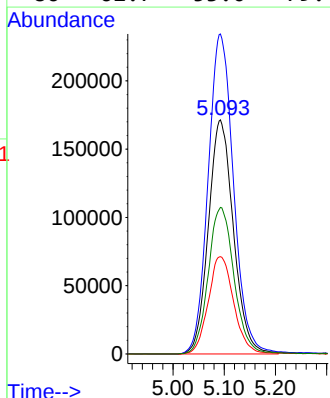
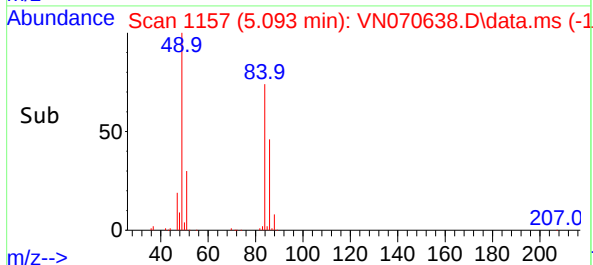
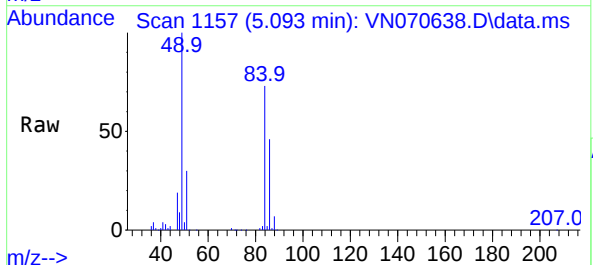
Manual Integrations
APPROVED

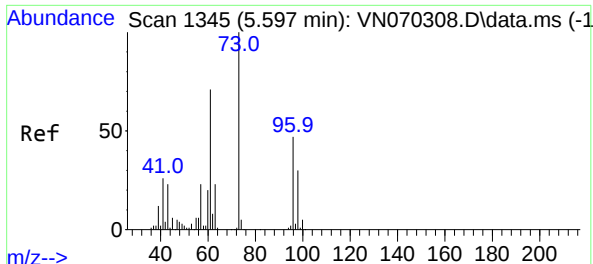
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#20
Methylene Chloride
Concen: 47.993 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

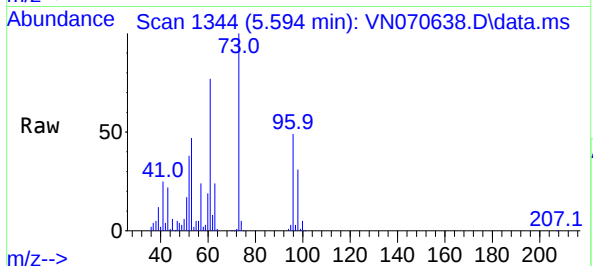
Tgt Ion: 84 Resp: 583847
Ion Ratio Lower Upper
84 100
49 136.7 93.5 140.3
51 41.5 29.4 44.2
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.415 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

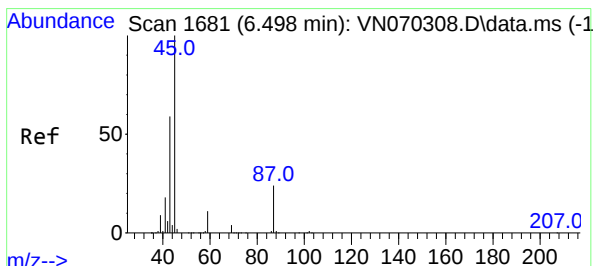
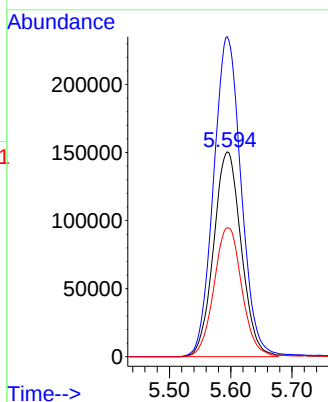
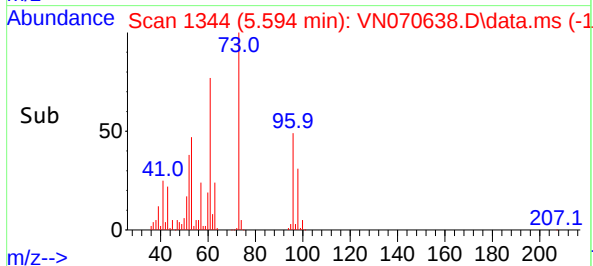
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



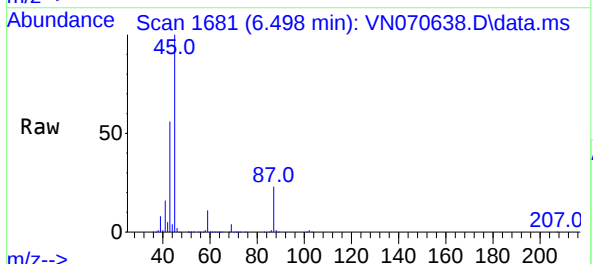
Tgt Ion: 96 Resp: 471500
Ion Ratio Lower Upper
96 100
61 156.2 105.8 158.6
98 63.0 52.0 78.0

Manual Integrations
APPROVED

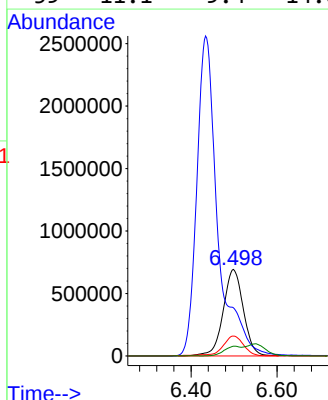
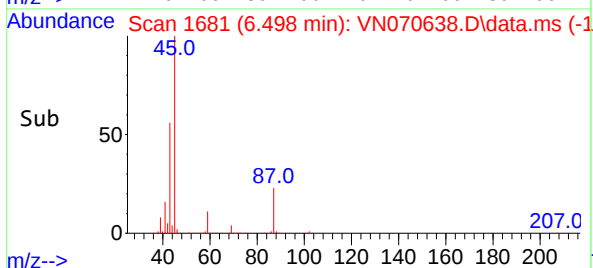
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

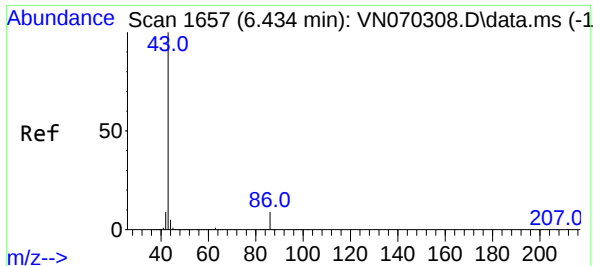


#22
Diisopropyl ether
Concen: 53.355 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



Tgt Ion: 45 Resp: 2260557
Ion Ratio Lower Upper
45 100
43 55.1 51.7 77.5
87 22.9 23.2 34.8#
59 11.1 9.4 14.0





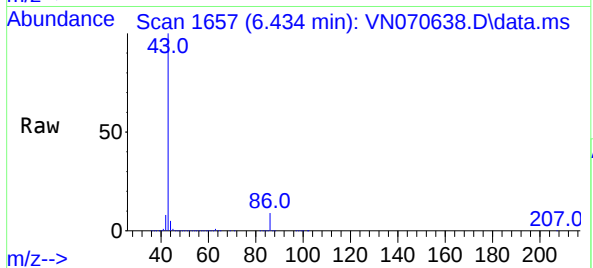
#23
 Vinyl Acetate
 Concen: 263.587 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070638.D
 Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



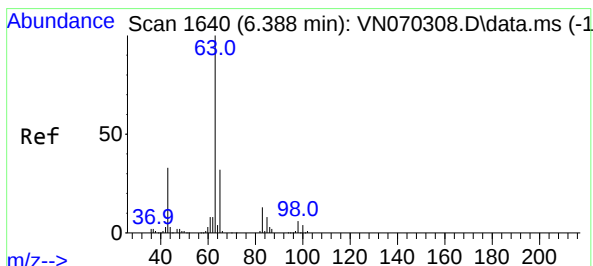
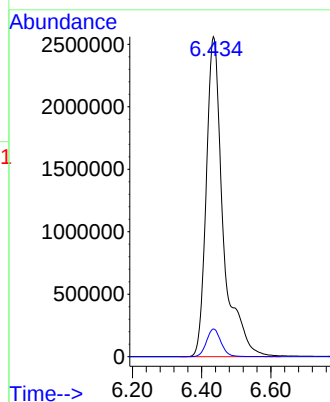
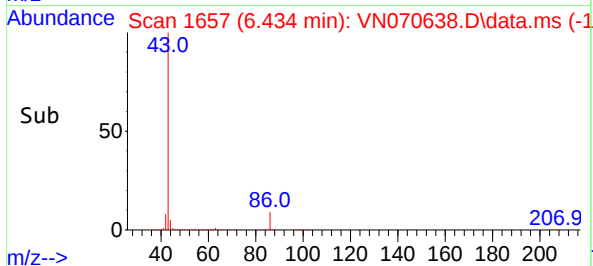
Tgt Ion: 43 Resp: 866468
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

Manual Integrations

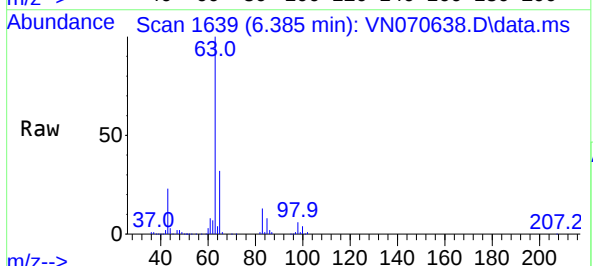
APPROVED

Reviewed By :John Carlone 01/17/2022

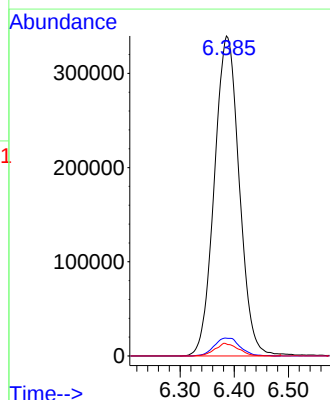
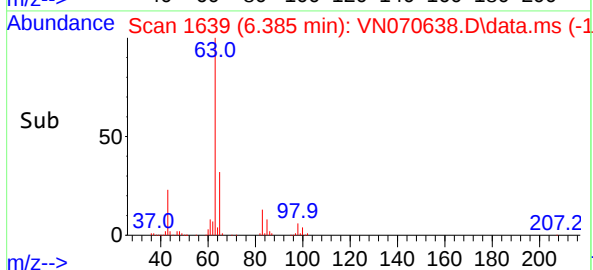
Supervised By :Mahesh Dadoda 01/18/2022



#24
 1,1-Dichloroethane
 Concen: 49.350 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070638.D
 Acq: 14 Jan 2022 21:36



Tgt Ion: 63 Resp: 1084134
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 264.620 ug/l

RT: 7.338 min Scan# 1993

Delta R.T. 0.003 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 292959

Ion Ratio Lower Upper

43 100

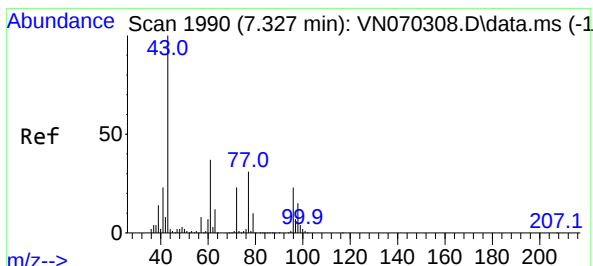
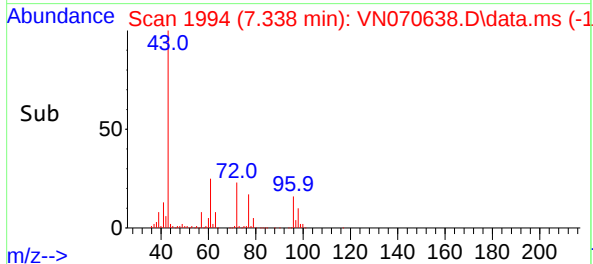
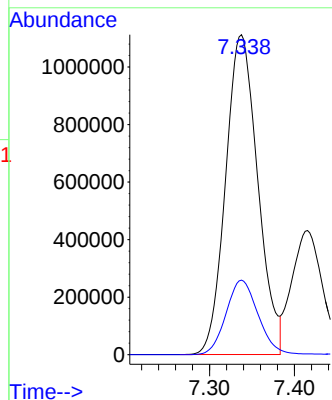
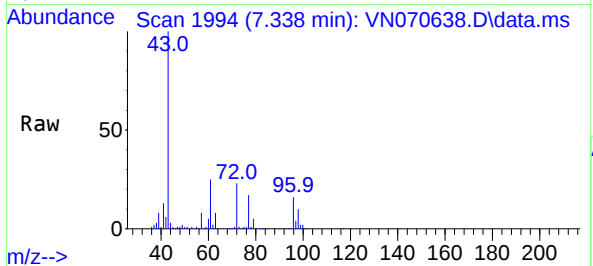
72 23.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#26

2,2-Dichloropropane

Concen: 39.935 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070638.D

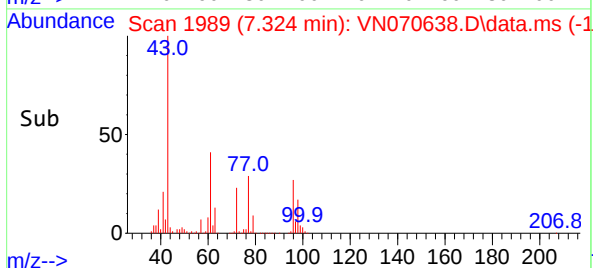
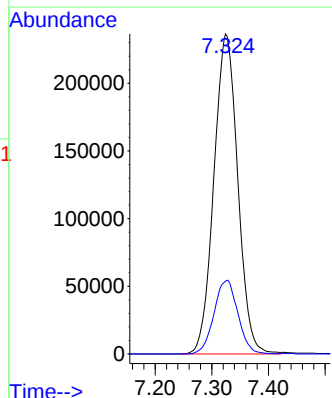
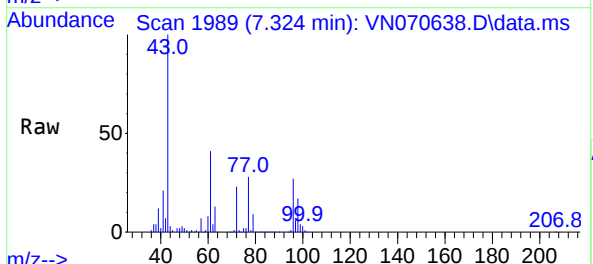
Acq: 14 Jan 2022 21:36

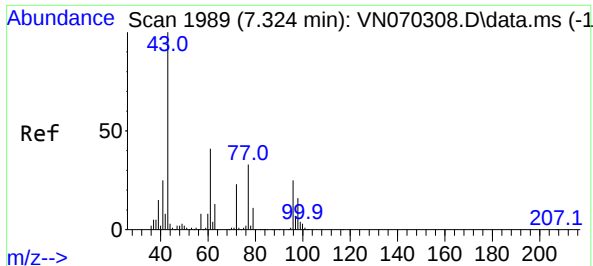
Tgt Ion: 77 Resp: 692106

Ion Ratio Lower Upper

77 100

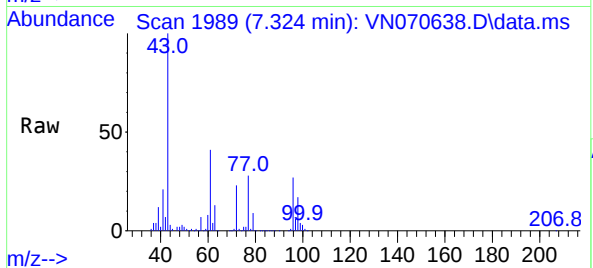
97 23.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.203 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN070638.D
 Acq: 14 Jan 2022 21:36

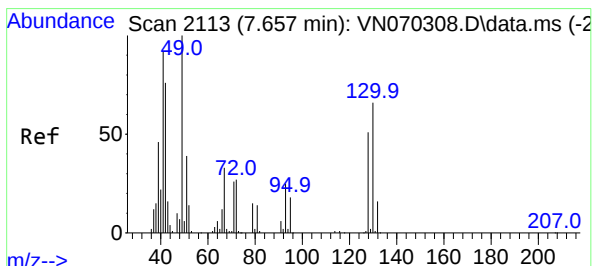
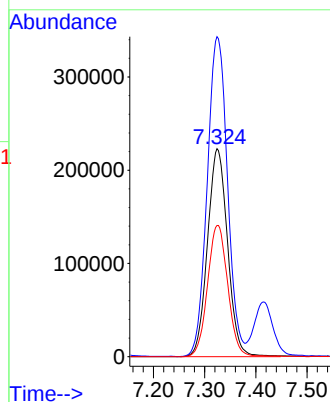
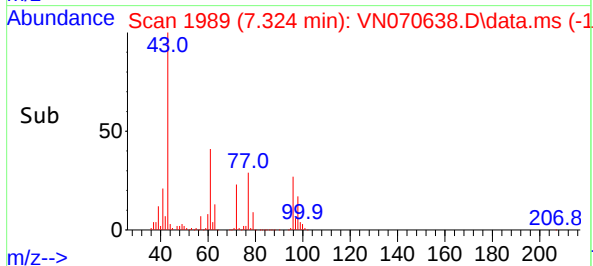
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 60851
 Ion Ratio Lower Upper
 96 100
 61 155.5 0.0 275.0
 98 63.3 0.0 129.6

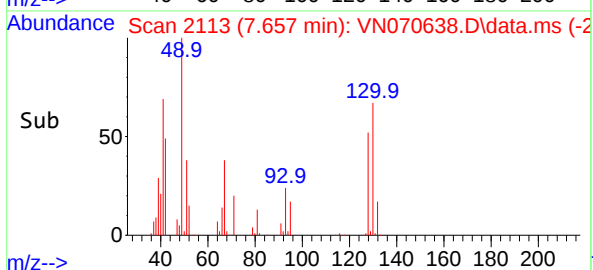
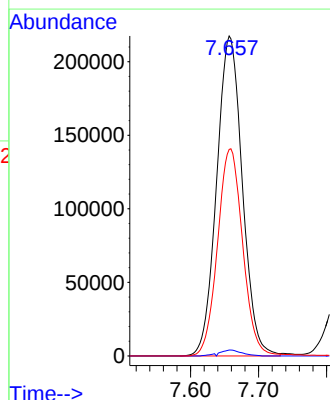
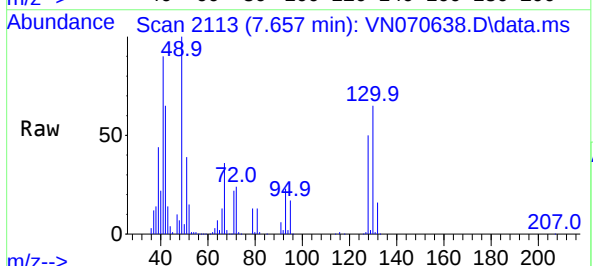
Manual Integrations
 APPROVED

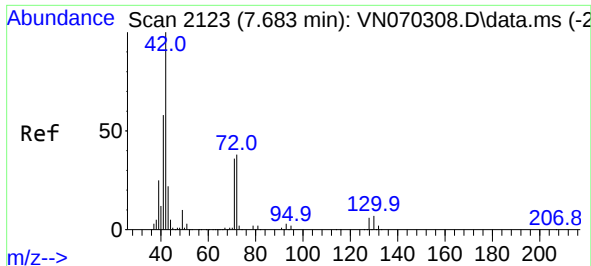
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022



#28
 Bromochloromethane
 Concen: 53.138 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070638.D
 Acq: 14 Jan 2022 21:36

Tgt Ion: 49 Resp: 570902
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.0
 130 63.4 67.8 101.8#





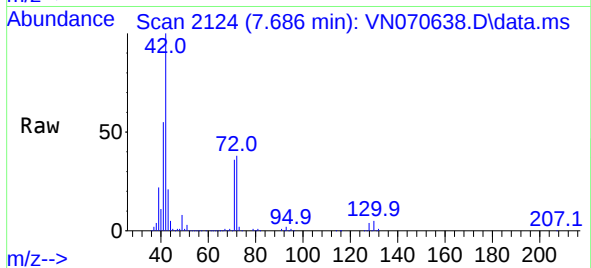
#29
Tetrahydrofuran
Concen: 292.757 ug/l
RT: 7.686 min Scan# 2123
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



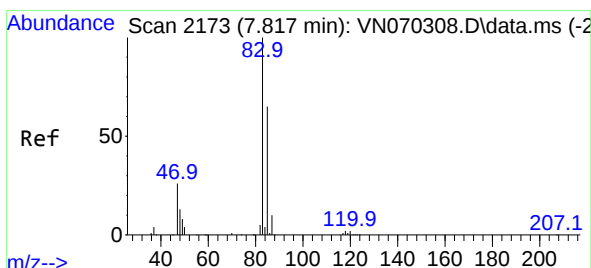
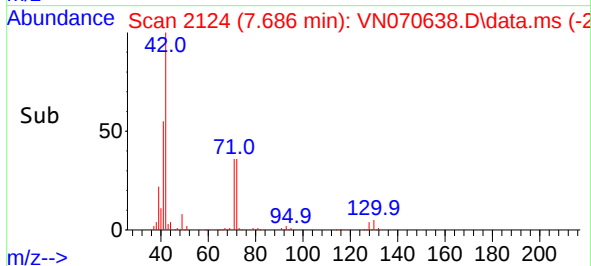
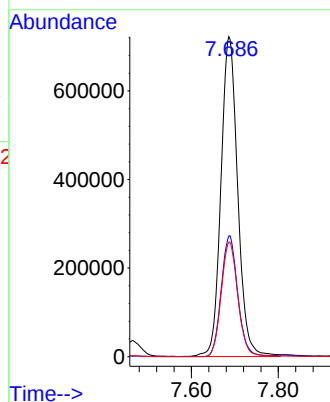
Tgt Ion: 42 Resp: 193375
Ion Ratio Lower Upper
42 100
72 37.1 36.3 54.5
71 35.6 34.7 52.1

Manual Integrations

APPROVED

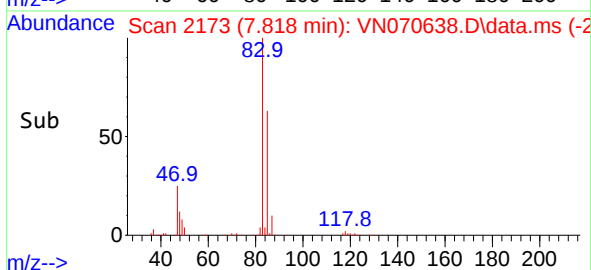
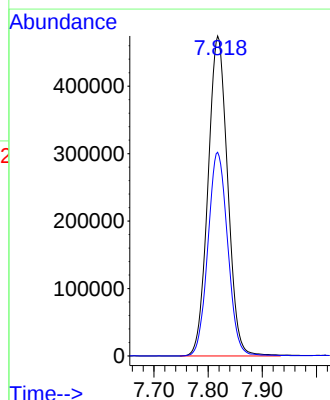
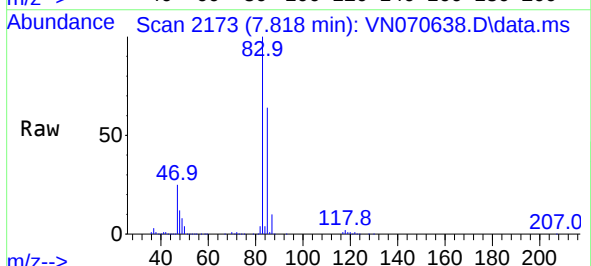
Reviewed By :John Carlone 01/17/2022

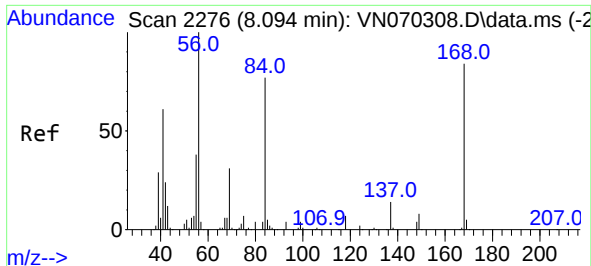
Supervised By :Mahesh Dadoda 01/18/2022



#30
Chloroform
Concen: 56.376 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. 0.001 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

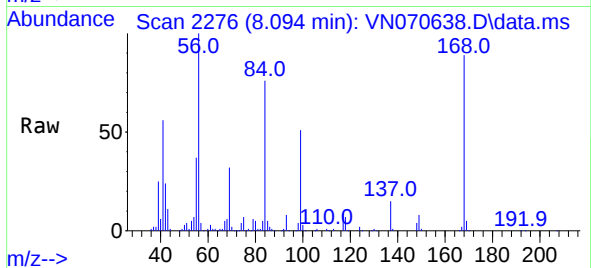
Tgt Ion: 83 Resp: 1194804
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9





#31
Cyclohexane
Concen: 46.245 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

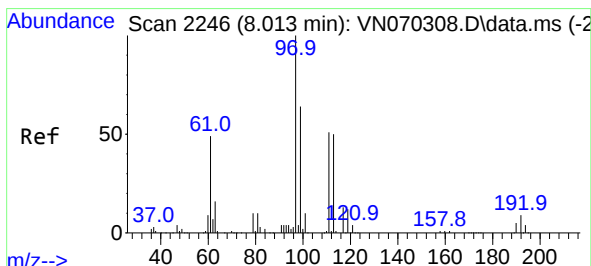
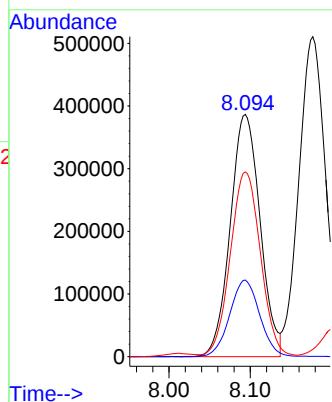
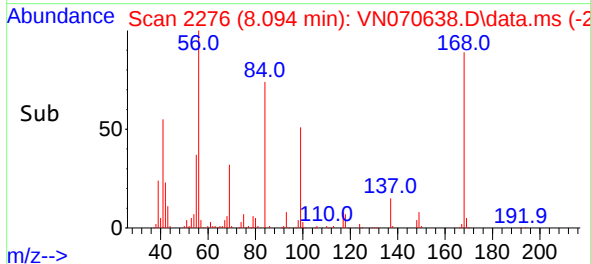
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



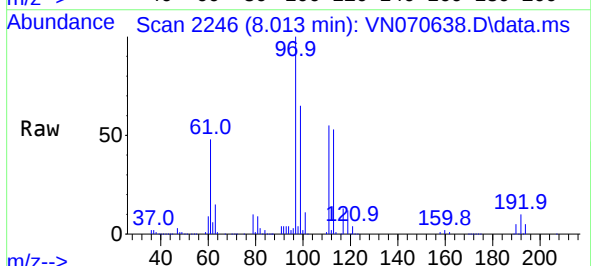
Tgt Ion: 56 Resp: 98844
Ion Ratio Lower Upper
56 100
69 31.7 27.1 40.7
84 74.9 73.4 110.0

Manual Integrations
APPROVED

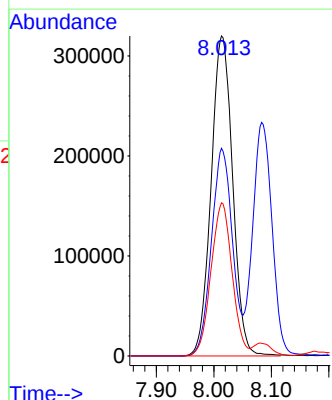
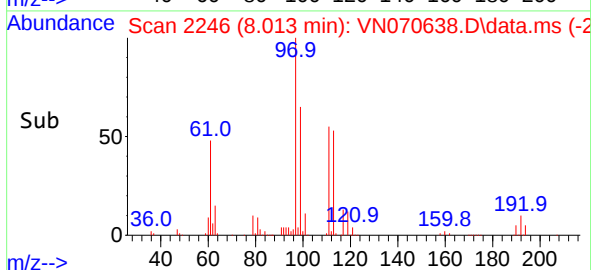
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

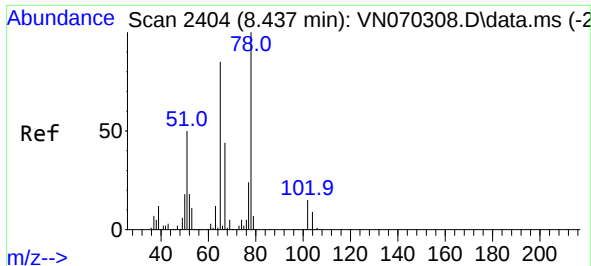


#32
1,1,1-Trichloroethane
Concen: 46.631 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



Tgt Ion: 97 Resp: 833276
Ion Ratio Lower Upper
97 100
99 63.5 50.1 75.1
61 46.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.004 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 623104

Ion Ratio Lower Upper

65 100

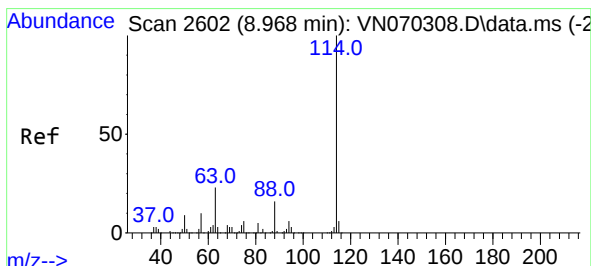
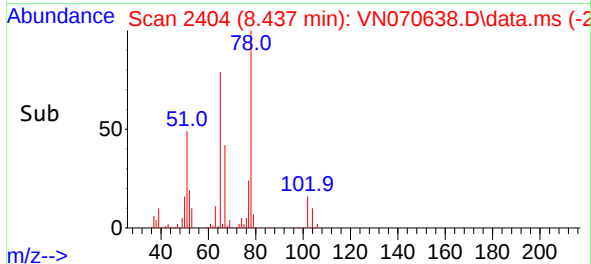
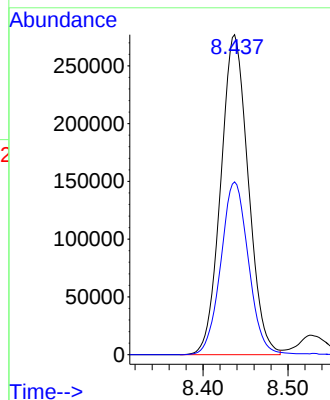
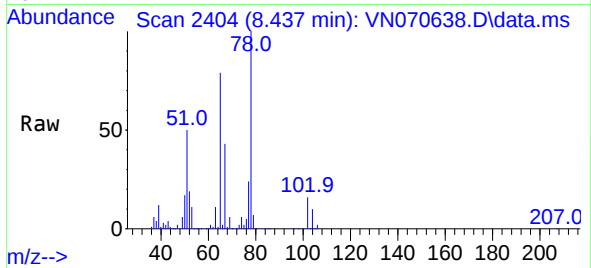
67 54.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

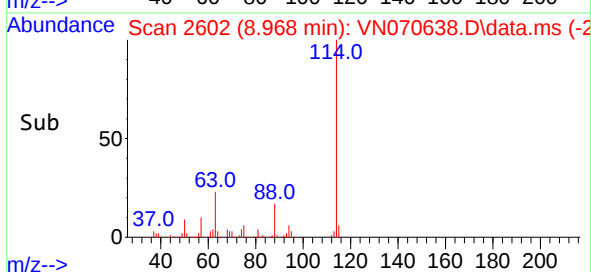
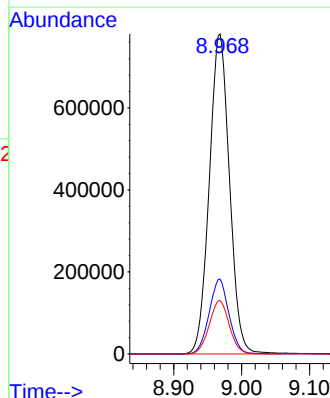
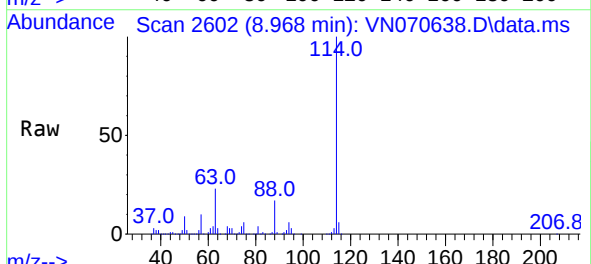
Tgt Ion:114 Resp: 1610071

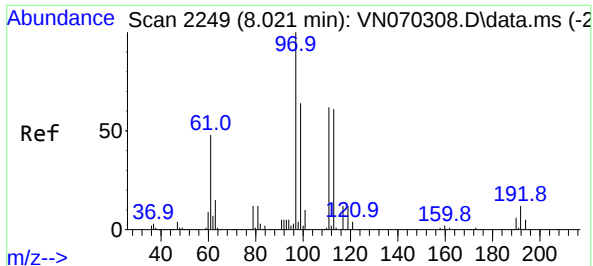
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.959 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

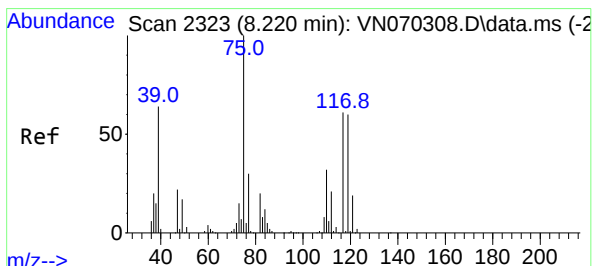
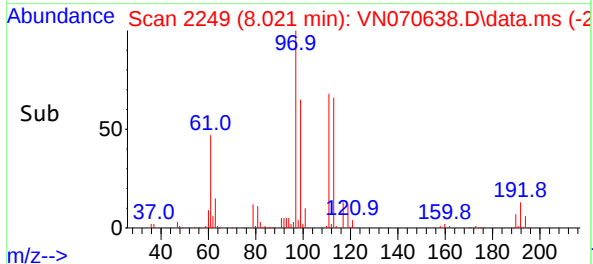
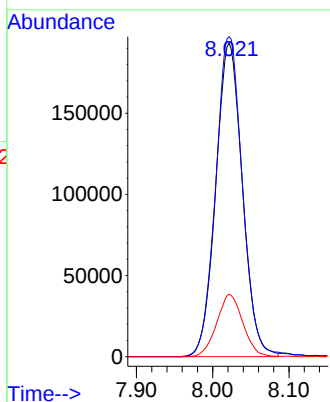
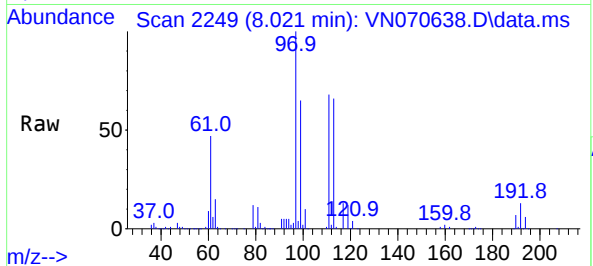
VSTDCCC050EC

Tgt Ion:113 Resp: 46720
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.6 16.9 25.3

Manual Integrations

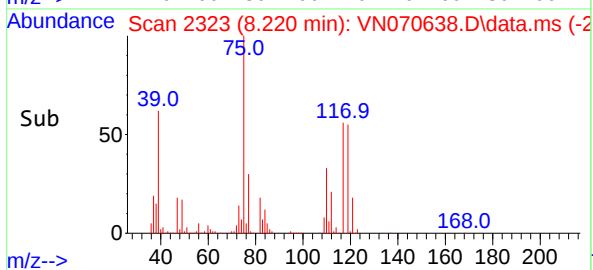
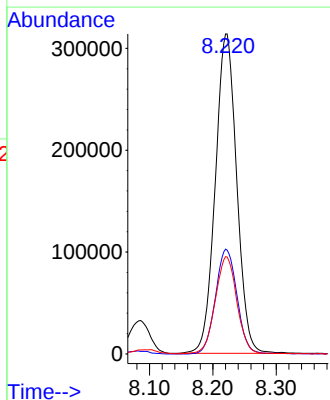
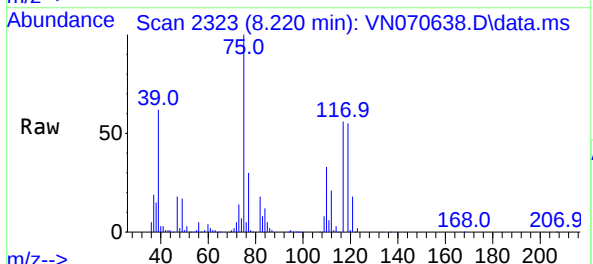
APPROVED

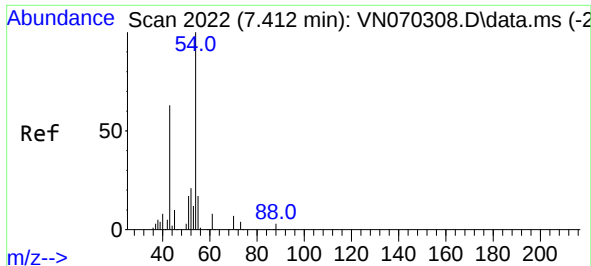
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#36
1,1-Dichloropropene
Concen: 45.654 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Tgt Ion: 75 Resp: 735731
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 53.811 ug/l

RT: 7.415 min Scan# 20

Delta R.T. 0.003 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 112404

Ion Ratio Lower Upper

43 100

61 13.4 11.5 17.3

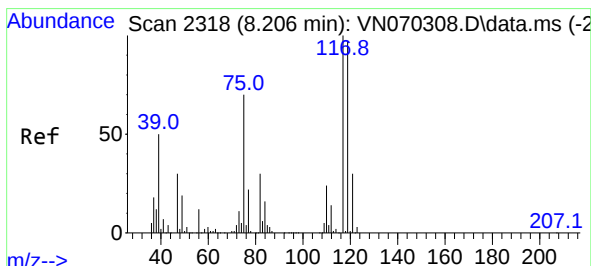
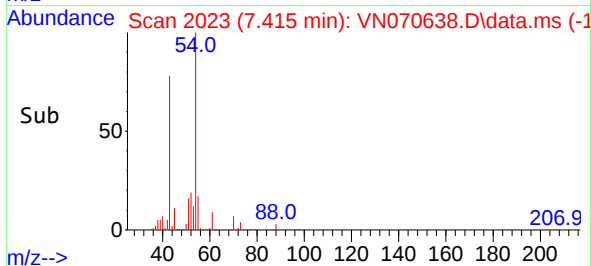
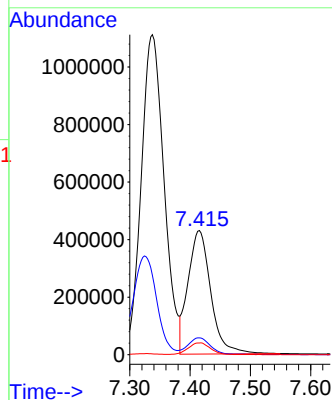
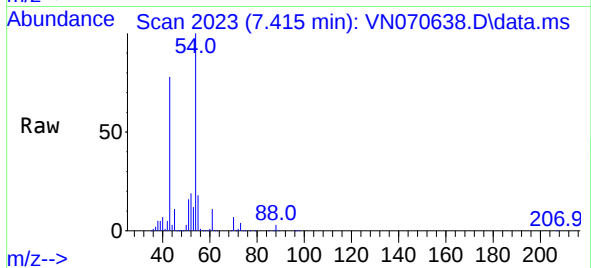
70 9.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#38

Carbon Tetrachloride

Concen: 42.523 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

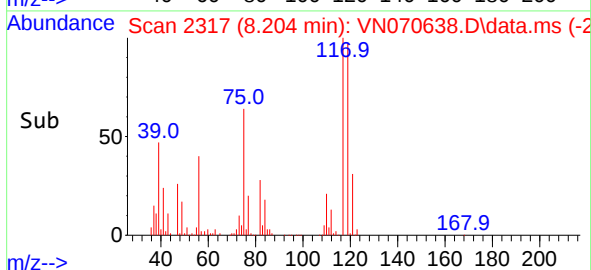
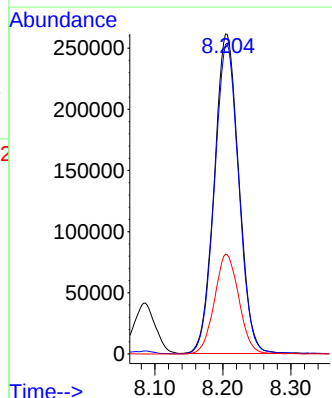
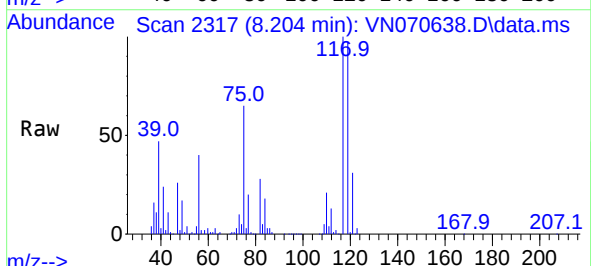
Tgt Ion:117 Resp: 654367

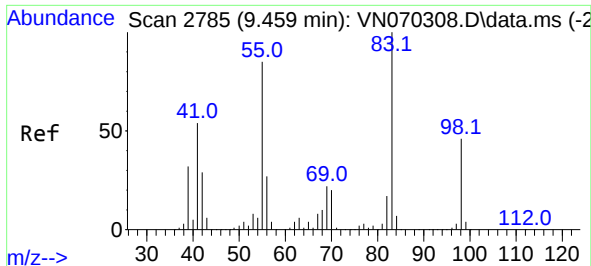
Ion Ratio Lower Upper

117 100

119 96.8 76.1 114.1

121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 45.561 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 88890

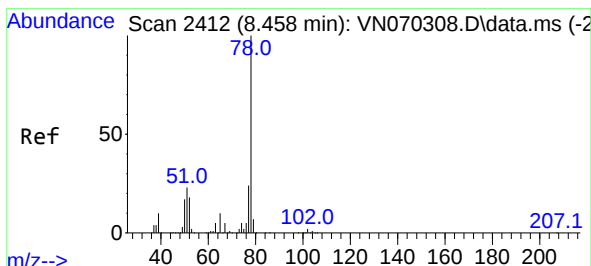
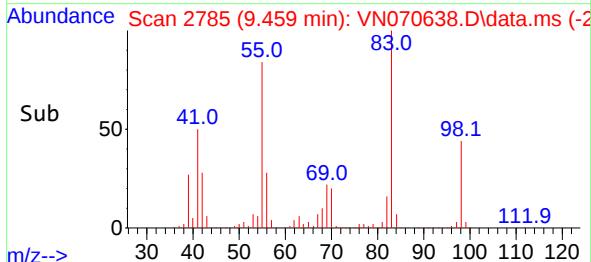
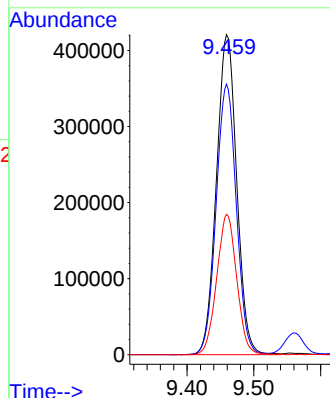
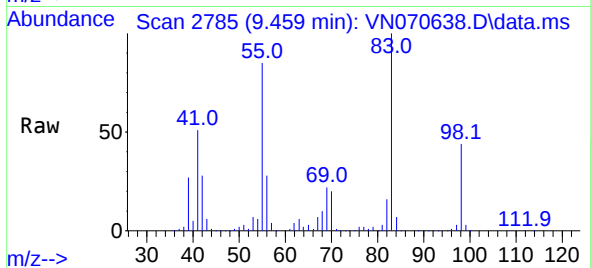
Ion	Ratio	Lower	Upper
83	100		
55	84.5	58.1	87.1
98	43.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#40

Benzene

Concen: 48.028 ug/l

RT: 8.459 min Scan# 2412

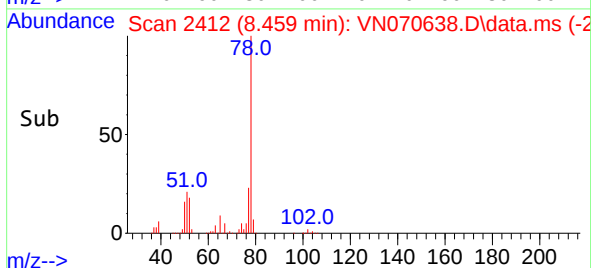
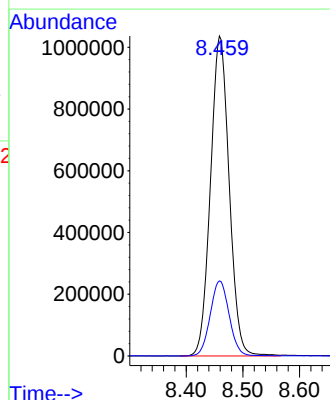
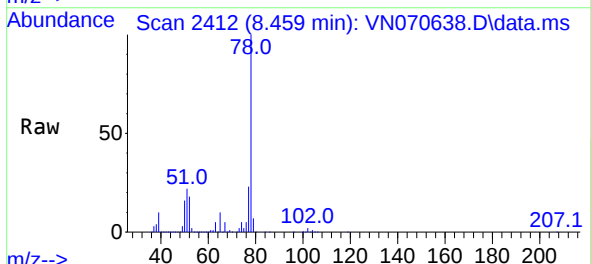
Delta R.T. 0.001 min

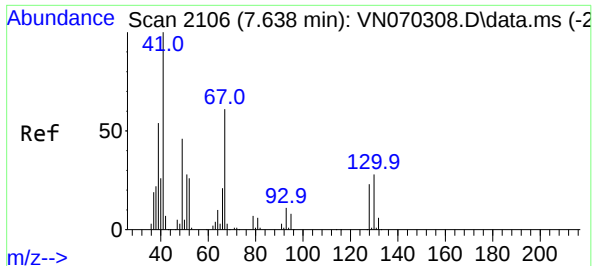
Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

Tgt Ion: 78 Resp: 2372893

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





#41
Methacrylonitrile
Concen: 57.456 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

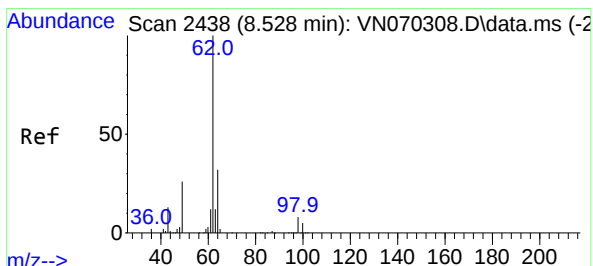
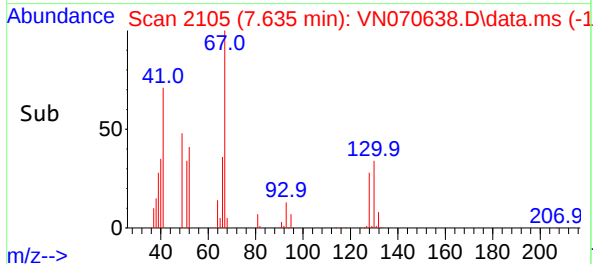
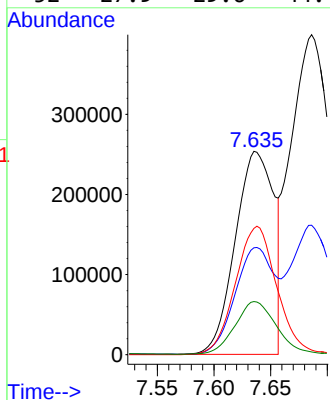
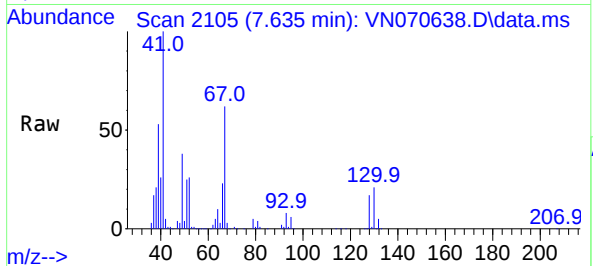
VSTDCCC050EC

Tgt Ion: 41 Resp: 600311
Ion Ratio Lower Upper
41 100
39 54.9 48.1 72.1
67 68.8 68.3 102.5
52 27.9 29.6 44.4#

Manual Integrations

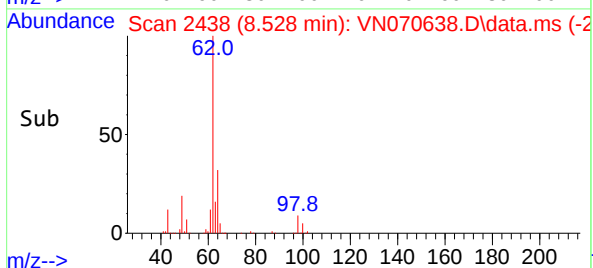
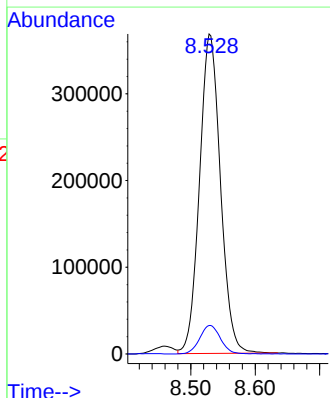
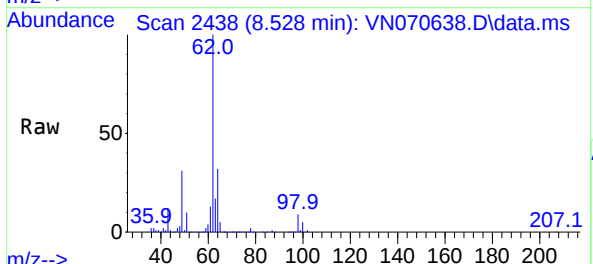
APPROVED

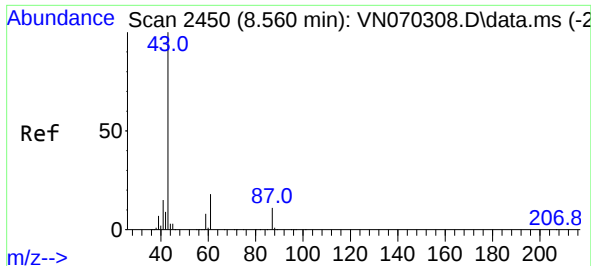
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#42
1,2-Dichloroethane
Concen: 44.761 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Tgt Ion: 62 Resp: 831239
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





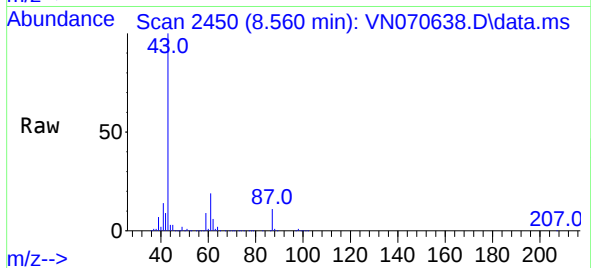
#43
Isopropyl Acetate
Concen: 53.360 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



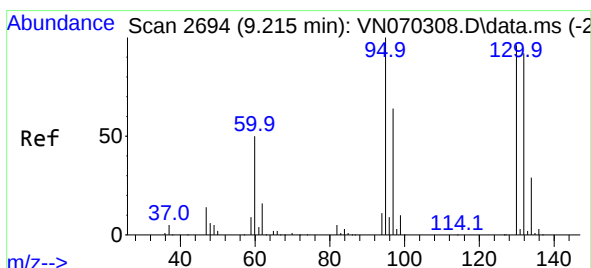
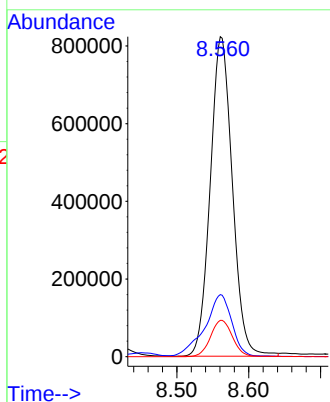
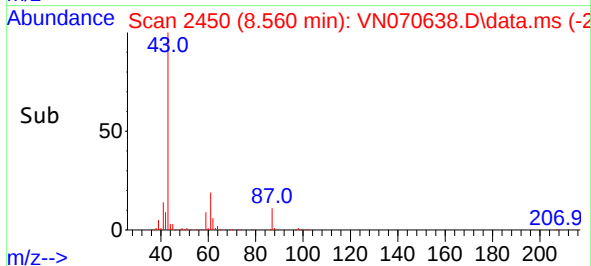
Tgt Ion: 43 Resp: 1757354
Ion Ratio Lower Upper
43 100
61 23.7 20.4 30.6
87 11.3 11.2 16.8

Manual Integrations

APPROVED

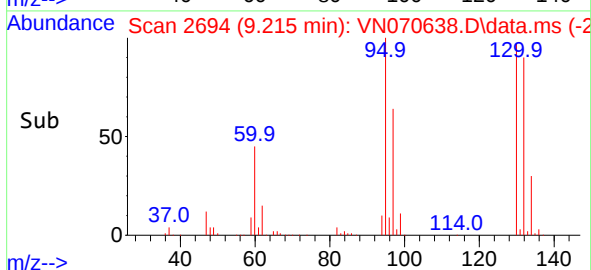
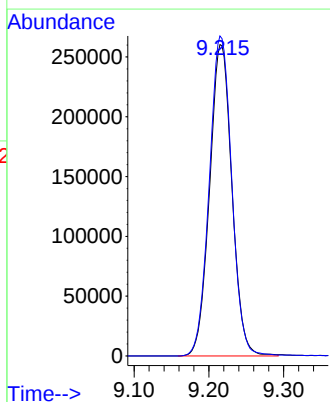
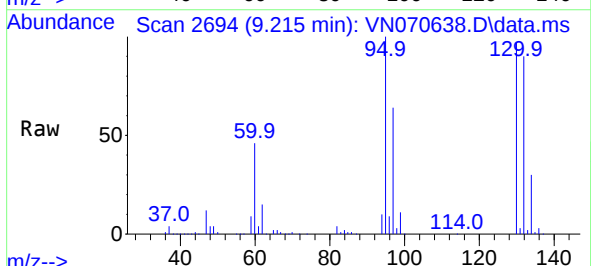
Reviewed By :John Carlone 01/17/2022

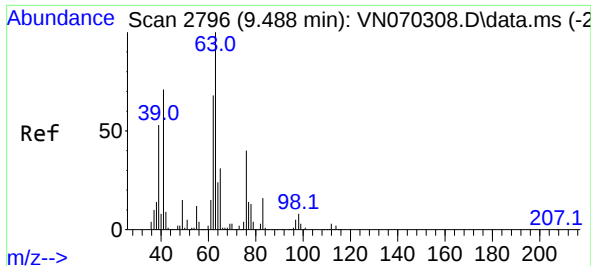
Supervised By :Mahesh Dadoda 01/18/2022



#44
Trichloroethene
Concen: 45.897 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Tgt Ion:130 Resp: 538804
Ion Ratio Lower Upper
130 100
95 102.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 50.918 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 677340

Ion Ratio Lower Upper

63 100

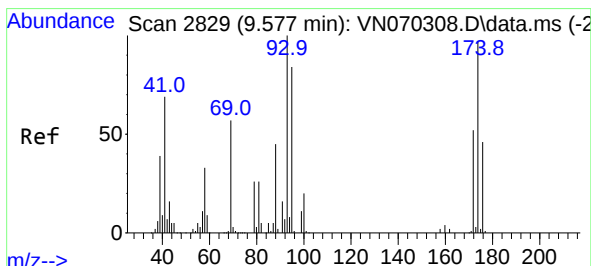
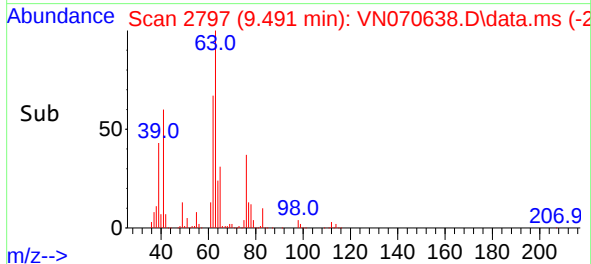
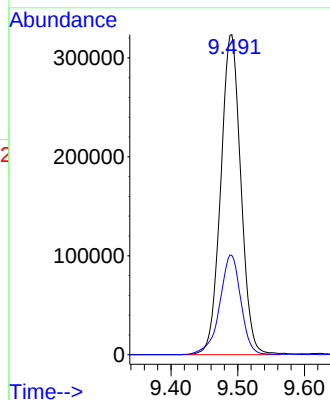
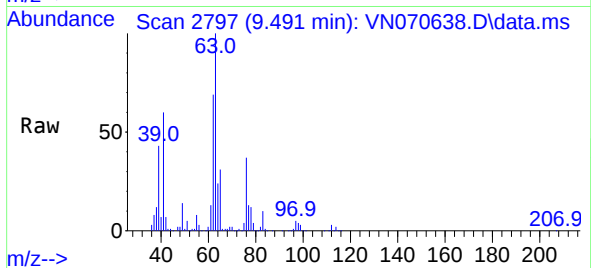
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#46

Dibromomethane

Concen: 47.614 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

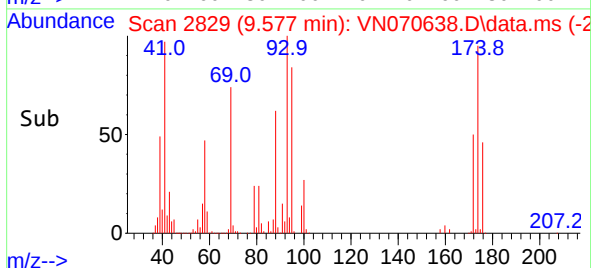
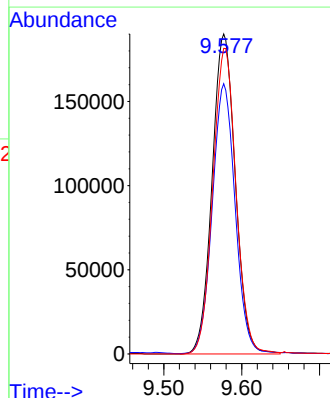
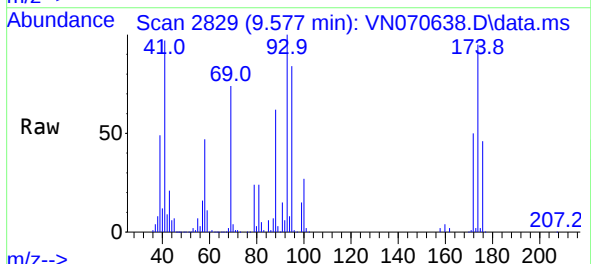
Tgt Ion: 93 Resp: 393852

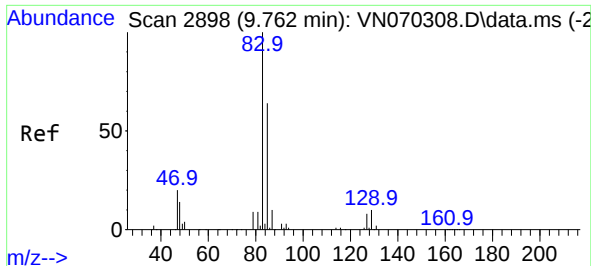
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 95.2 84.6 127.0





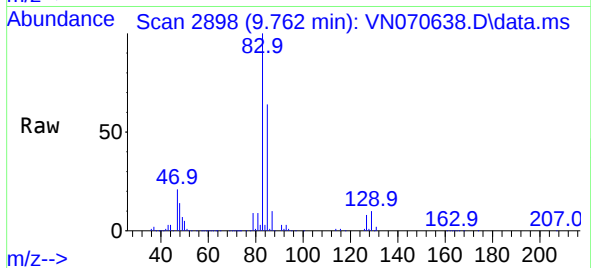
#47
Bromodichloromethane
Concen: 49.118 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

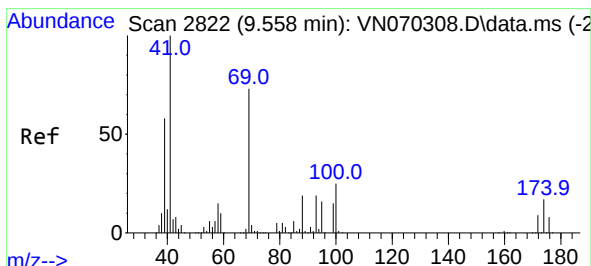
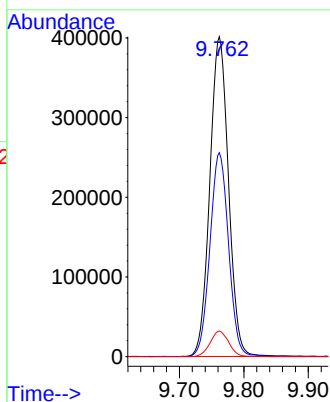
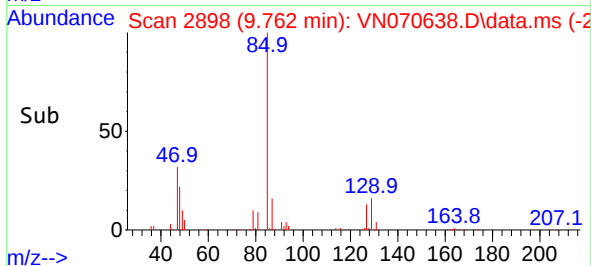


Tgt Ion: 83 Resp: 806740
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.0 7.1 10.7

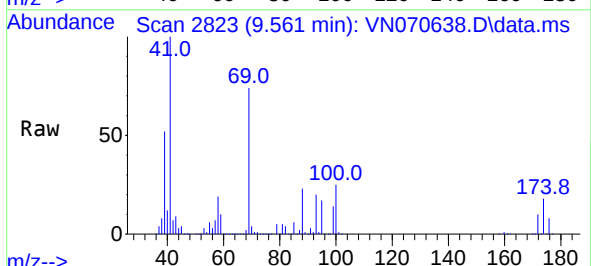
Manual Integrations

APPROVED

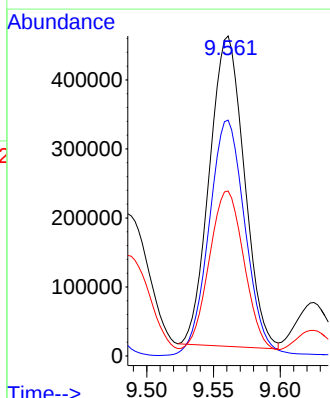
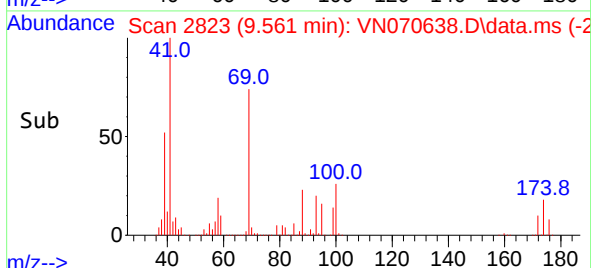
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

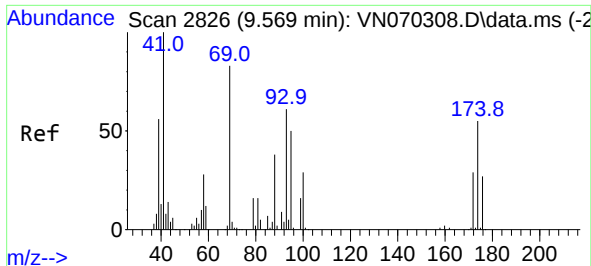


#48
Methyl methacrylate
Concen: 51.987 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



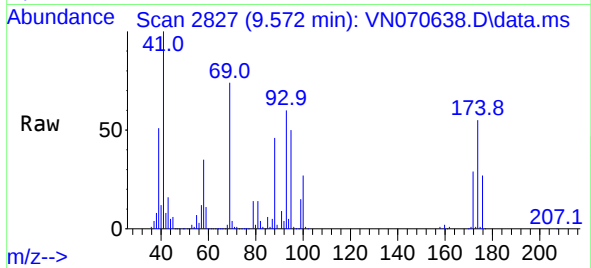
Tgt Ion: 41 Resp: 816674
Ion Ratio Lower Upper
41 100
69 79.3 72.4 108.6
39 55.4 58.4 87.6#





#49
1,4-Dioxane
Concen: 1224.817 ug/l
RT: 9.572 min Scan# 2826
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

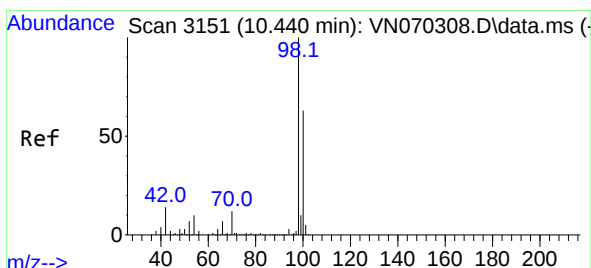
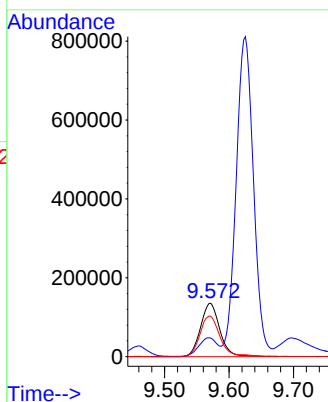
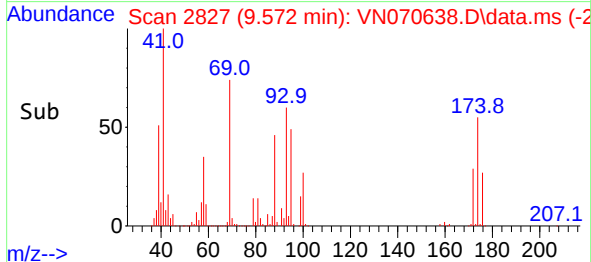
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 281652
Ion Ratio Lower Upper
88 100
43 33.5 23.4 35.2
58 77.6 50.6 75.8

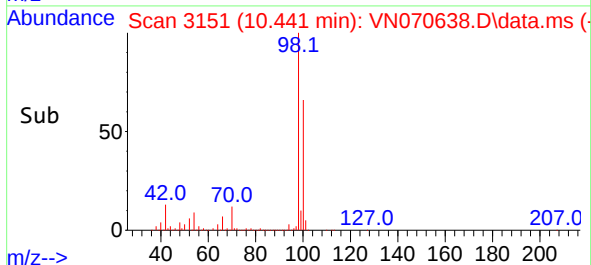
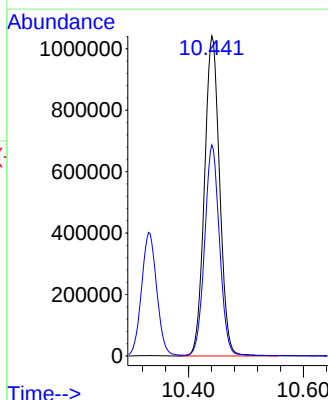
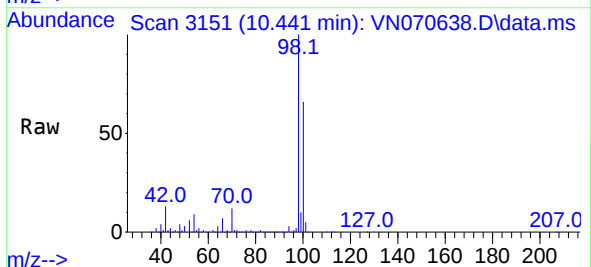
Manual Integrations
APPROVED

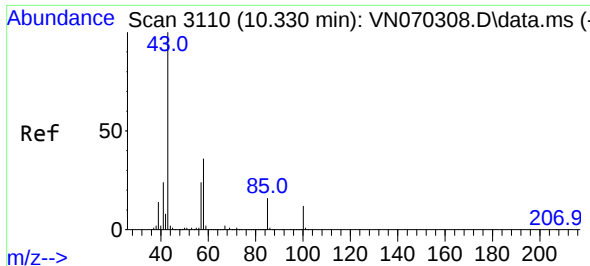
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#50
Toluene-d8
Concen: 47.886 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

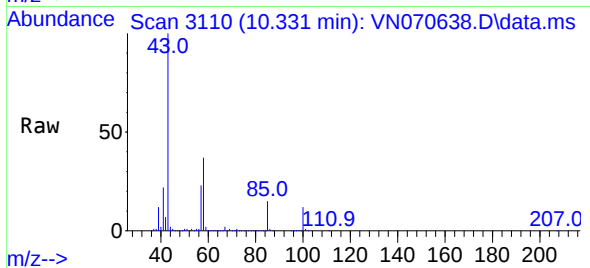
Tgt Ion: 98 Resp: 1905686
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 289.170 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.001 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

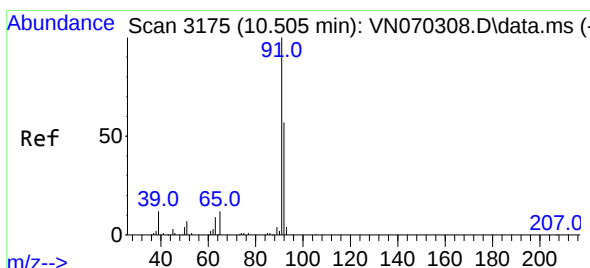
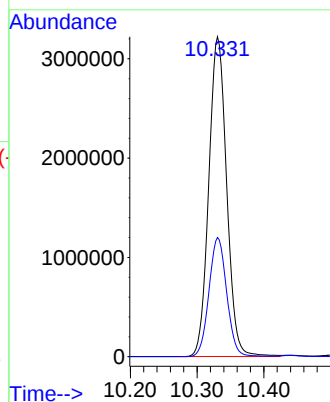
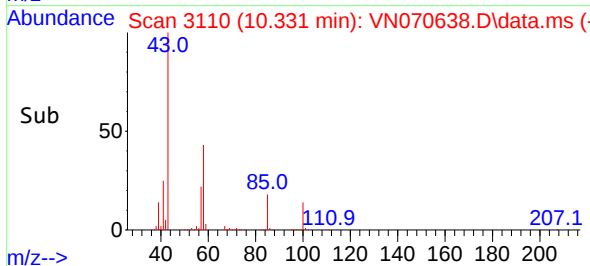
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 598421
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

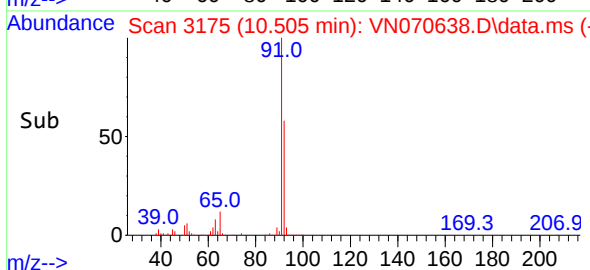
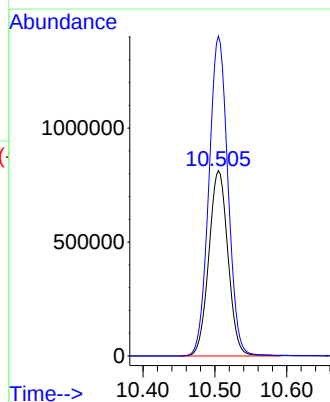
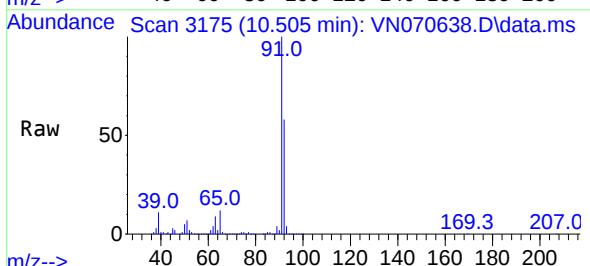
Manual Integrations
APPROVED

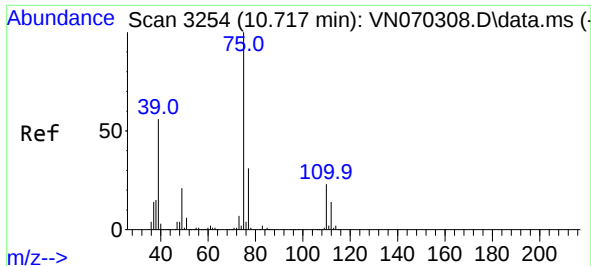
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#52
Toluene
Concen: 50.261 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

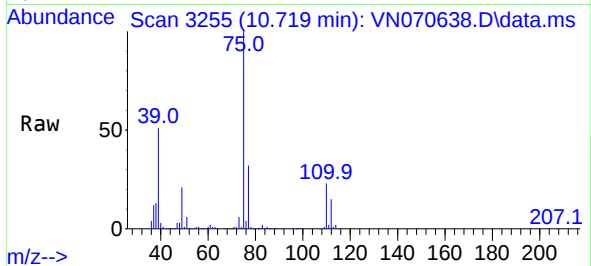
Tgt Ion: 92 Resp: 1503061
Ion Ratio Lower Upper
92 100
91 172.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 49.430 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

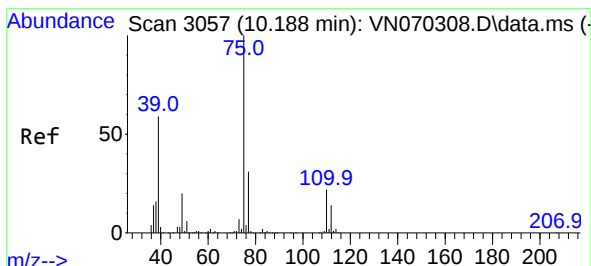
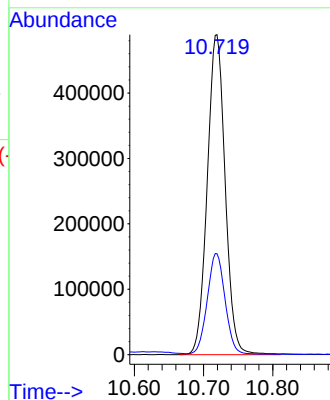
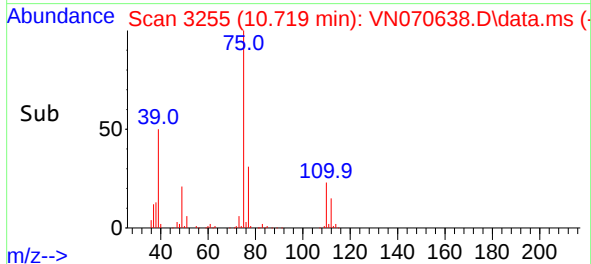
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



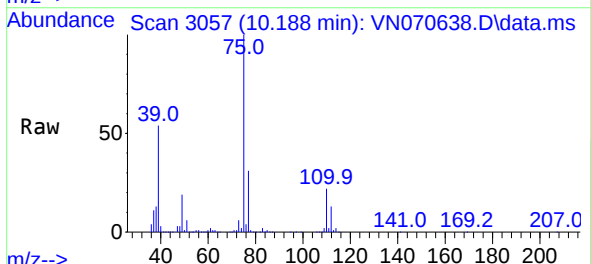
Tgt Ion: 75 Resp: 878910
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
APPROVED

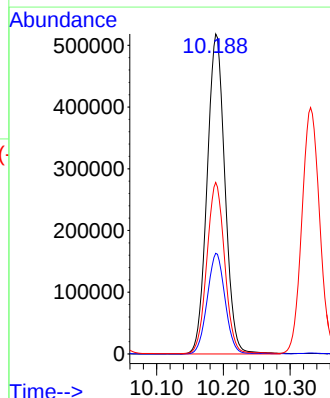
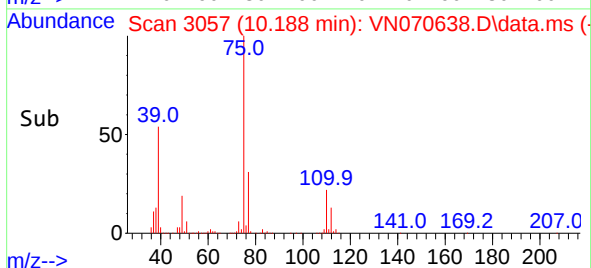
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

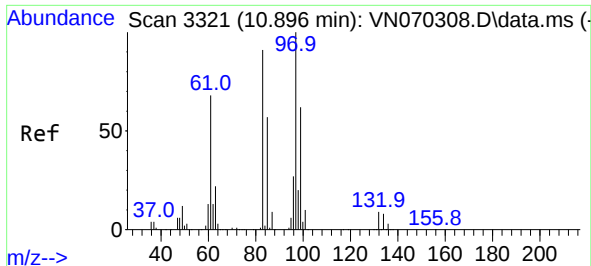


#54
cis-1,3-Dichloropropene
Concen: 50.053 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



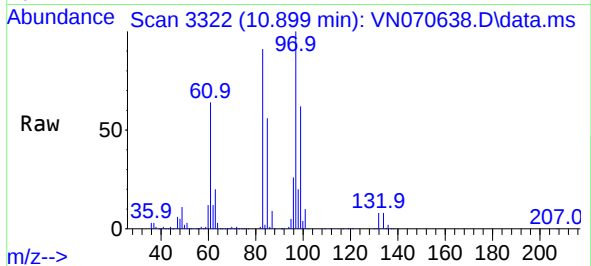
Tgt Ion: 75 Resp: 962735
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 53.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 51.251 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

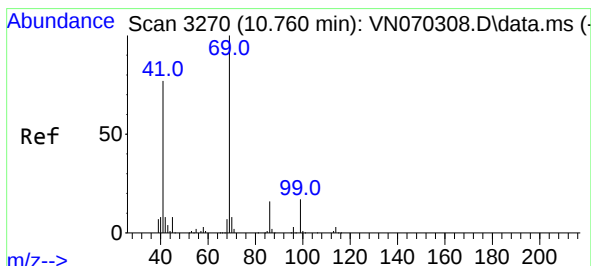
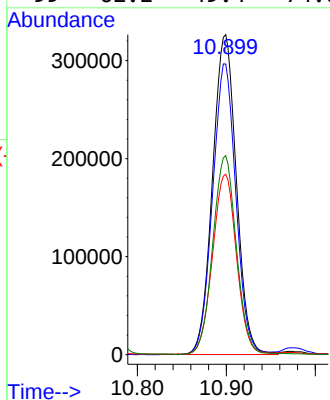
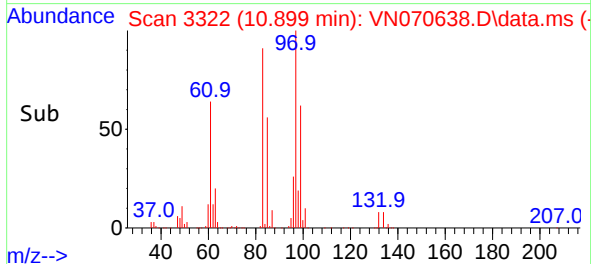
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



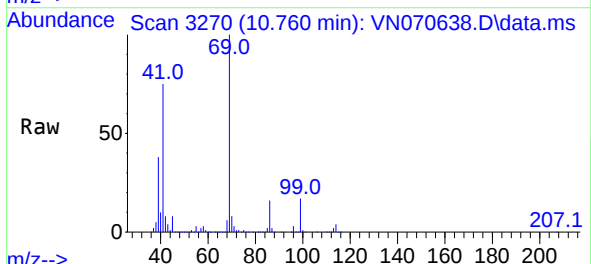
Tgt Ion: 97 Resp: 60642
Ion Ratio Lower Upper
97 100
83 90.9 67.8 101.6
85 56.1 45.4 68.2
99 62.2 49.4 74.0

Manual Integrations
APPROVED

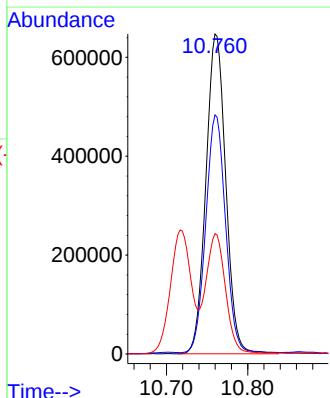
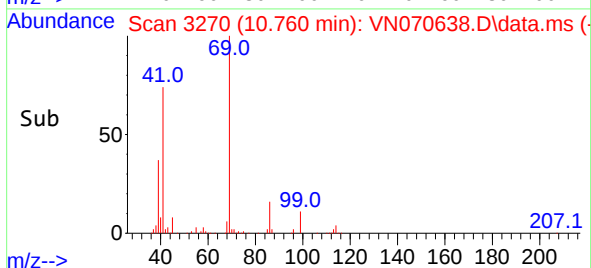
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

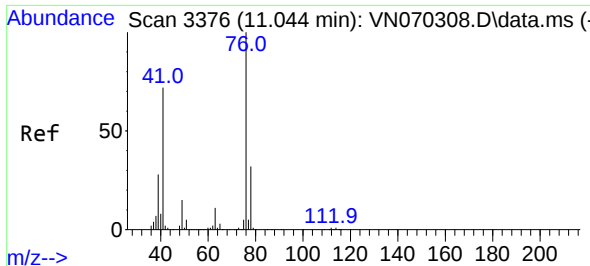


#56
Ethyl methacrylate
Concen: 56.180 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



Tgt Ion: 69 Resp: 1098373
Ion Ratio Lower Upper
69 100
41 74.0 51.4 77.0
39 36.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.292 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN070638.D

Acq: 14 Jan 2022 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 107344

Ion Ratio Lower Upper

76 100

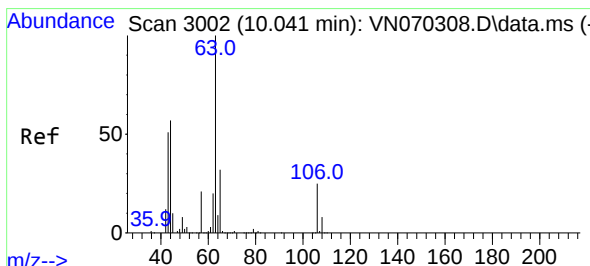
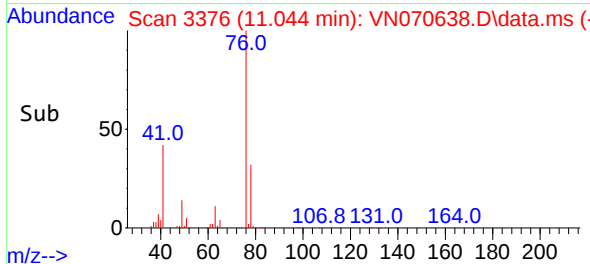
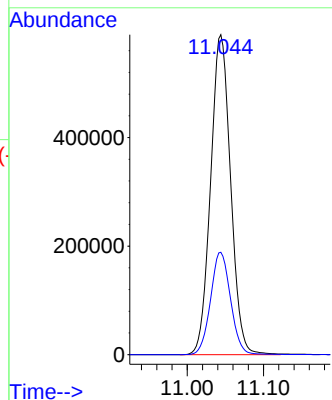
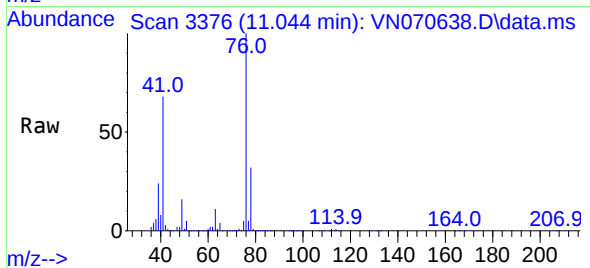
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 315.514 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070638.D

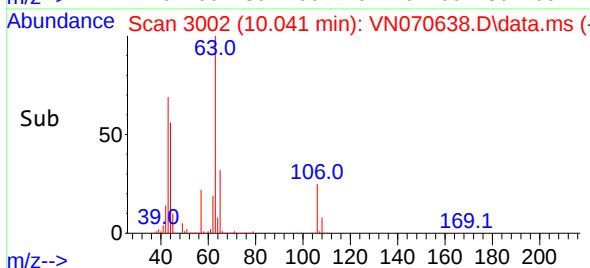
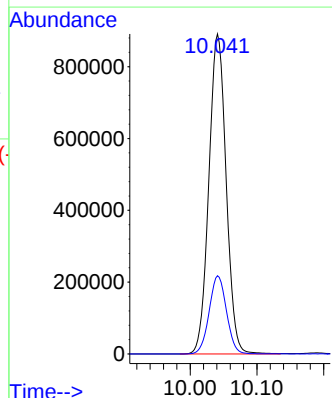
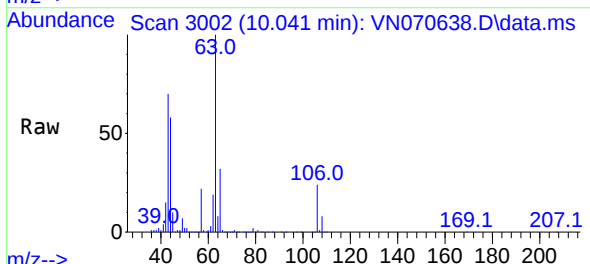
Acq: 14 Jan 2022 21:36

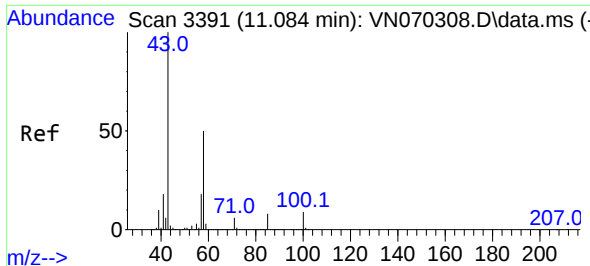
Tgt Ion: 63 Resp: 1601813

Ion Ratio Lower Upper

63 100

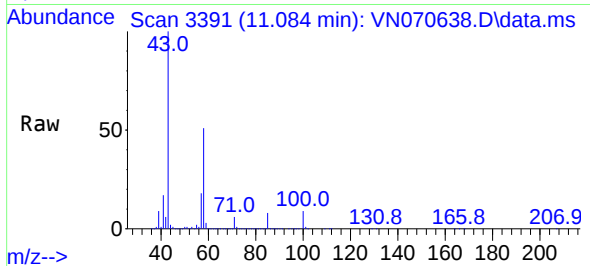
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 285.155 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

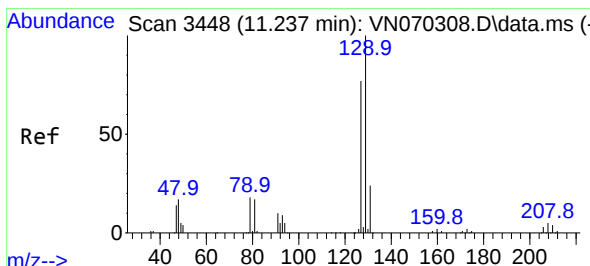
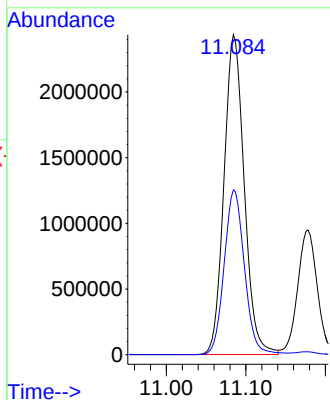
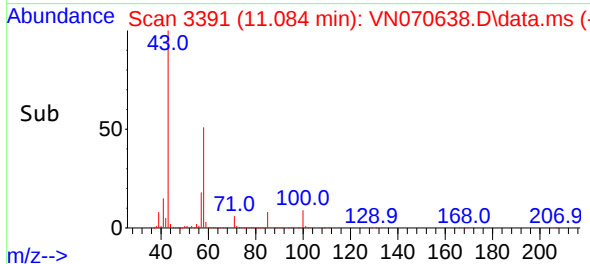
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 430337
Ion Ratio Lower Upper
43 100
58 51.7 26.9 80.7

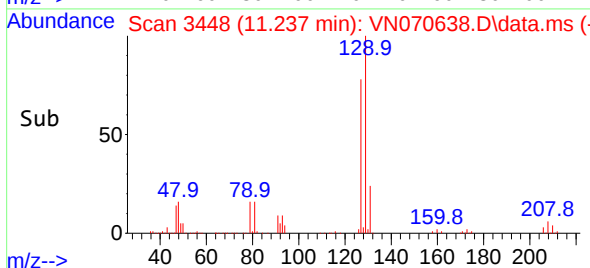
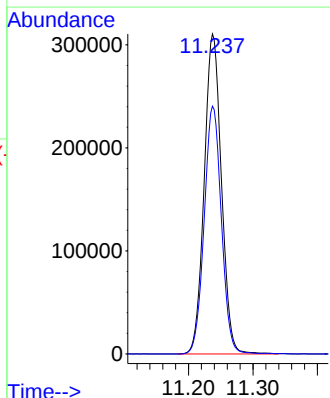
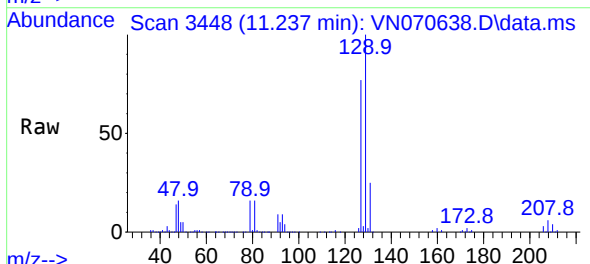
Manual Integrations
APPROVED

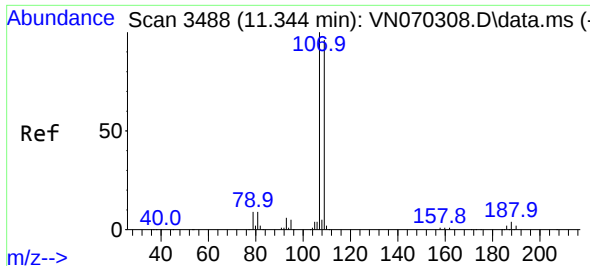
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#60
Dibromochloromethane
Concen: 49.913 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

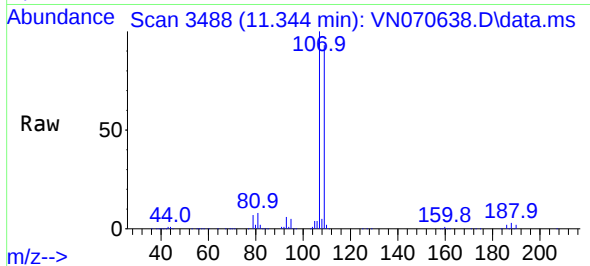
Tgt Ion:129 Resp: 576225
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.590 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

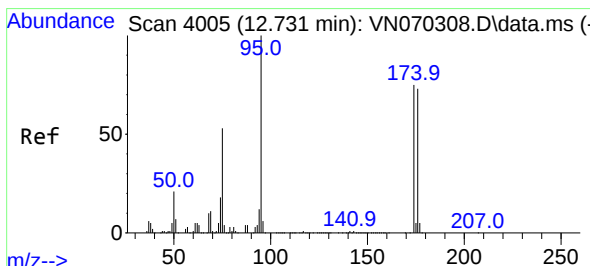
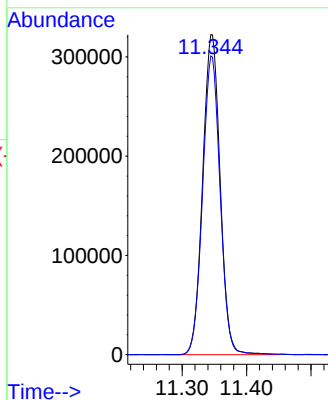
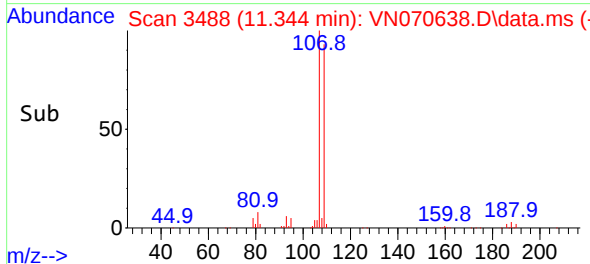
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



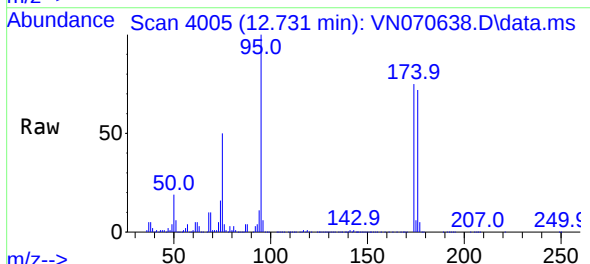
Tgt Ion:107 Resp: 607799
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5

Manual Integrations
APPROVED

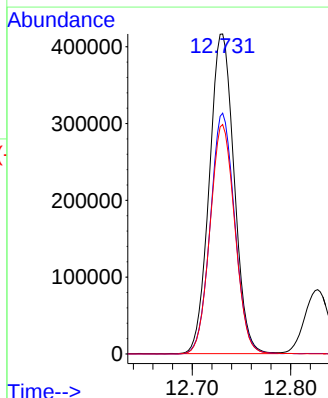
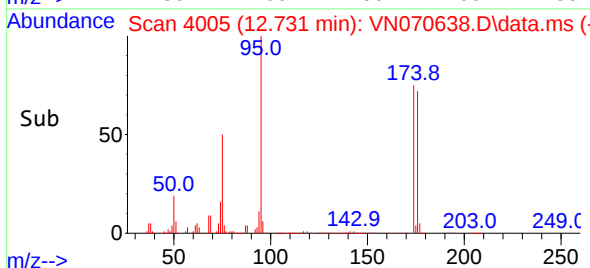
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

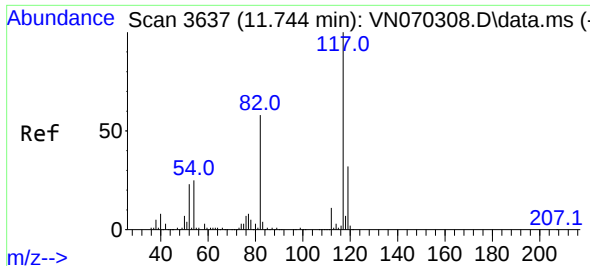


#62
4-Bromofluorobenzene
Concen: 50.788 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



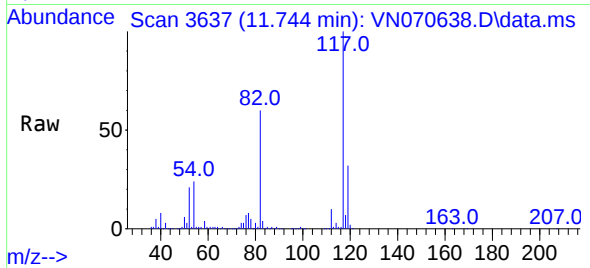
Tgt Ion: 95 Resp: 729993
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 71.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

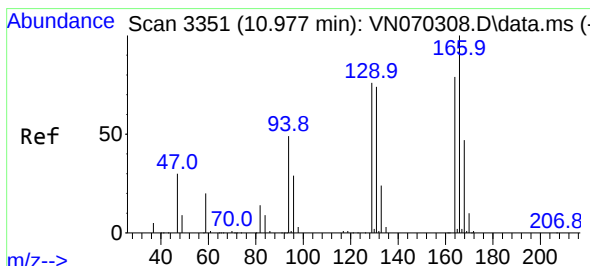
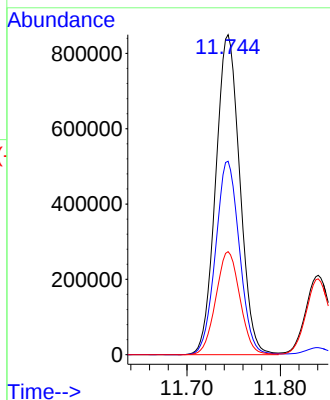
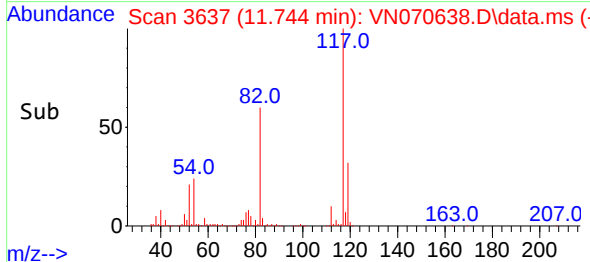
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



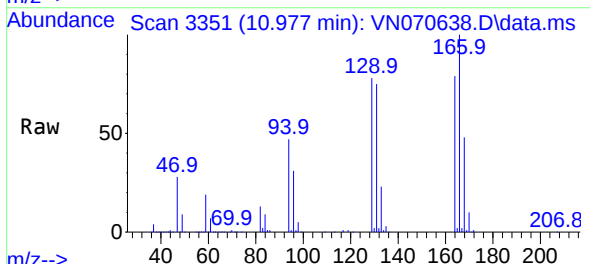
Tgt Ion:117 Resp: 1526530
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

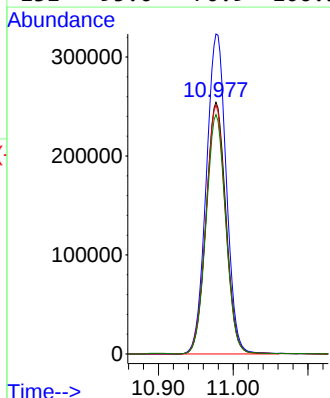
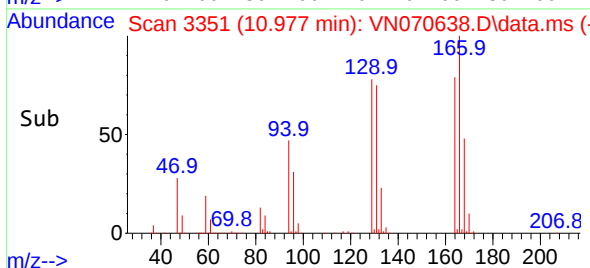
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

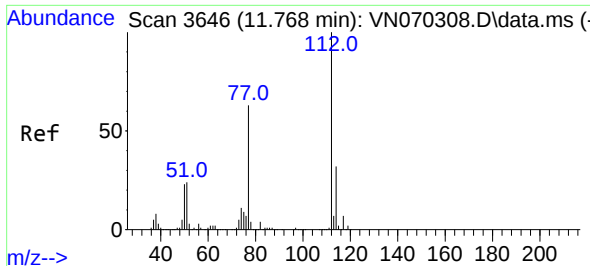


#64
Tetrachloroethene
Concen: 42.545 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



Tgt Ion:164 Resp: 470309
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 98.9 72.0 108.0
131 95.0 70.9 106.3





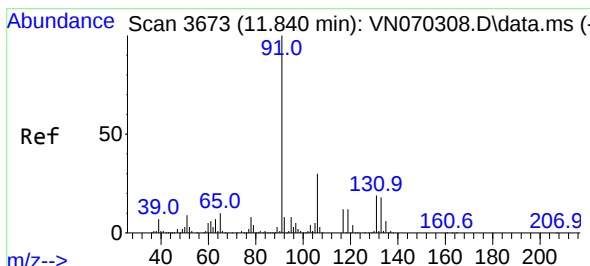
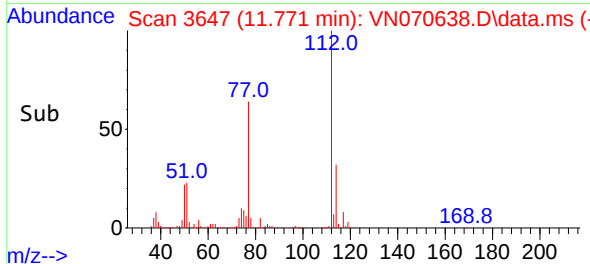
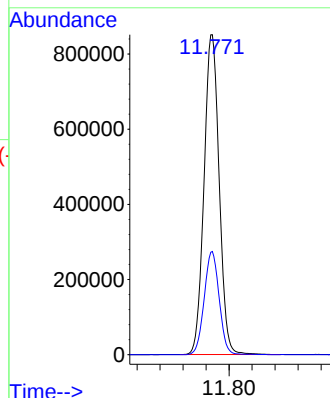
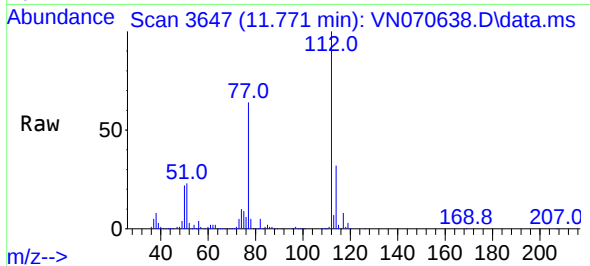
#65
Chlorobenzene
Concen: 48.031 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 1555710
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

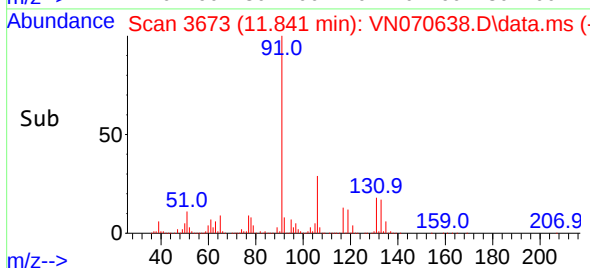
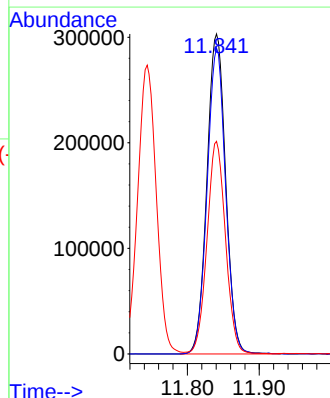
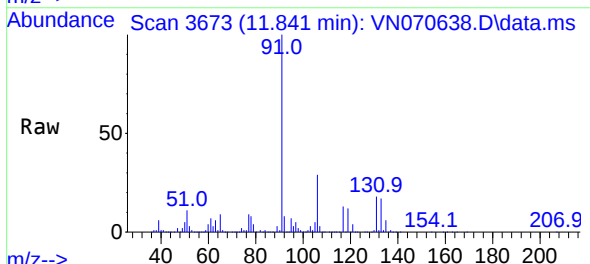
Manual Integrations
APPROVED

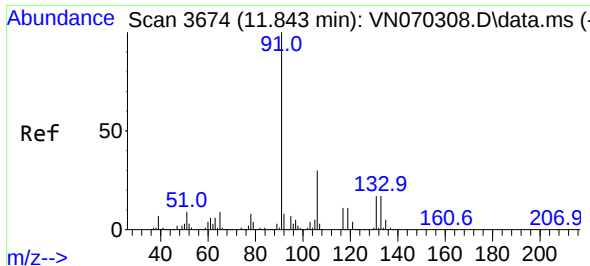
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 47.482 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. 0.001 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

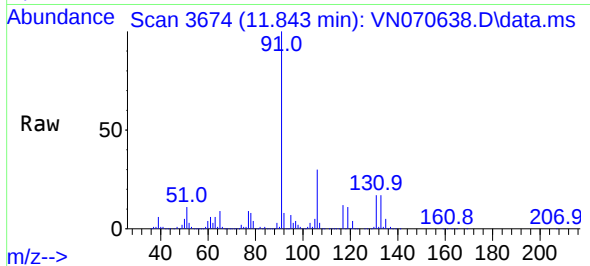
Tgt Ion:131 Resp: 549041
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.7
119 65.4 32.1 96.5





#67
Ethyl Benzene
Concen: 49.712 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

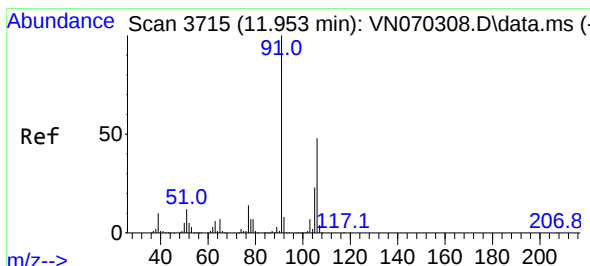
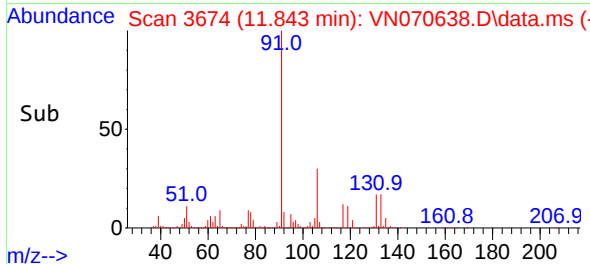
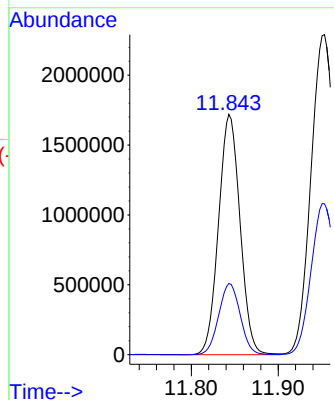
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 295019
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

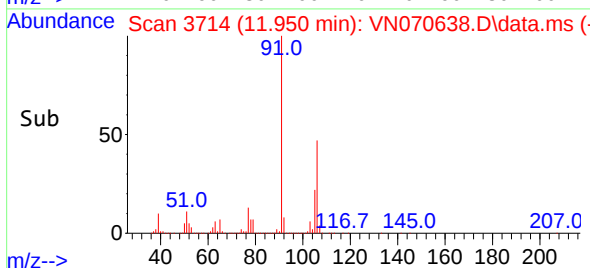
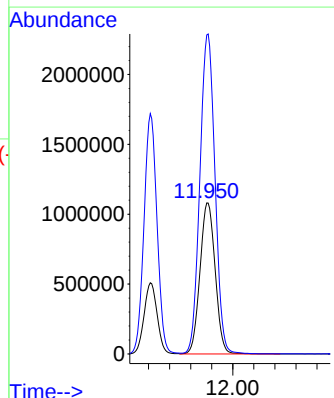
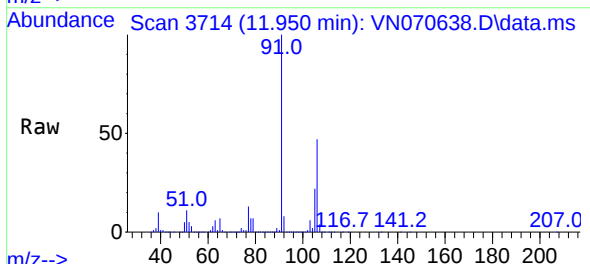
Manual Integrations
APPROVED

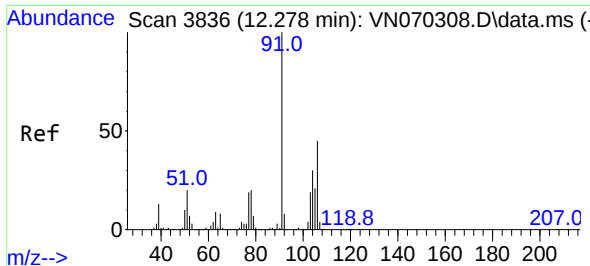
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#68
m/p-Xylenes
Concen: 99.765 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

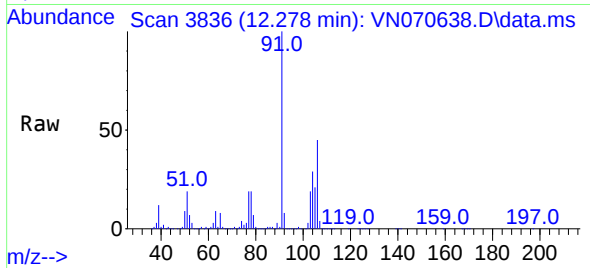
Tgt Ion:106 Resp: 2155126
Ion Ratio Lower Upper
106 100
91 211.4 160.6 240.8





#69
o-Xylene
Concen: 51.055 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

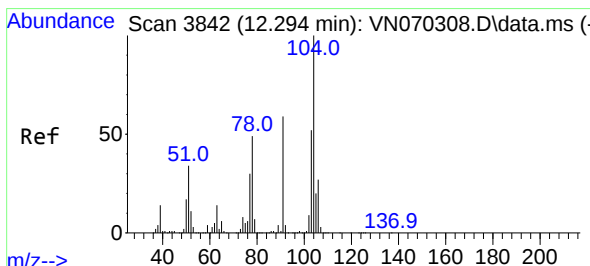
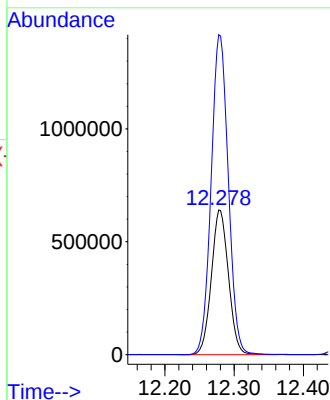
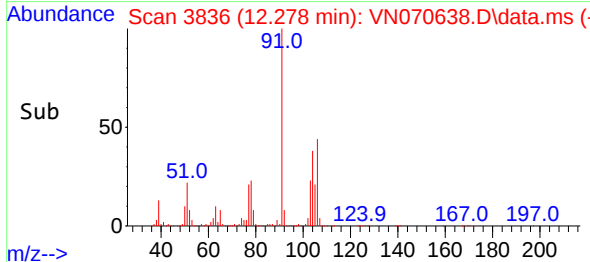
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



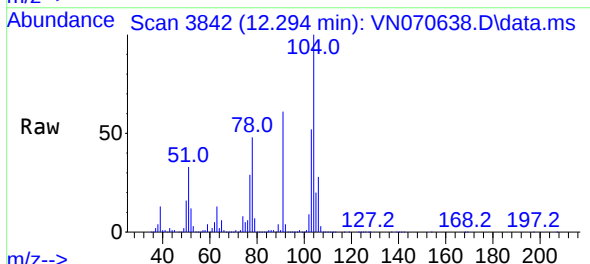
Tgt Ion:106 Resp: 109701
Ion Ratio Lower Upper
106 100
91 222.3 105.8 317.3

Manual Integrations
APPROVED

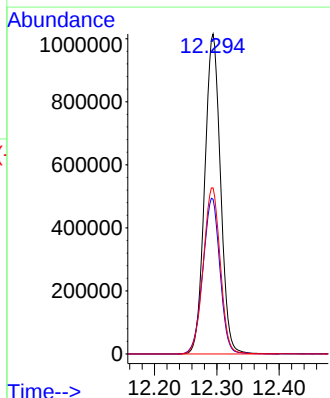
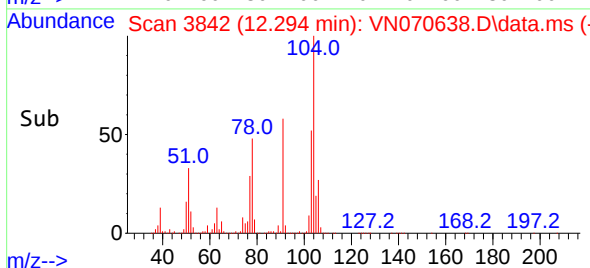
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

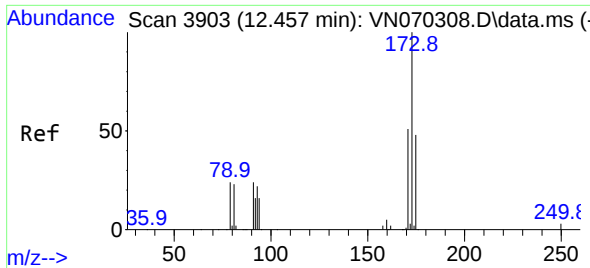


#70
Styrene
Concen: 52.576 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



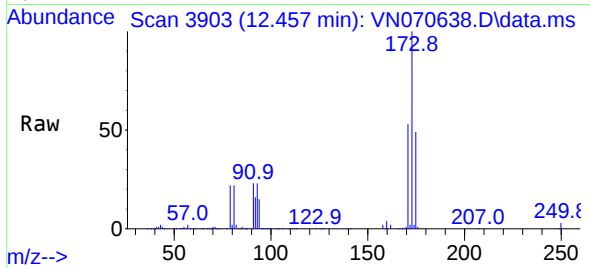
Tgt Ion:104 Resp: 1787979
Ion Ratio Lower Upper
104 100
78 52.5 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 50.518 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

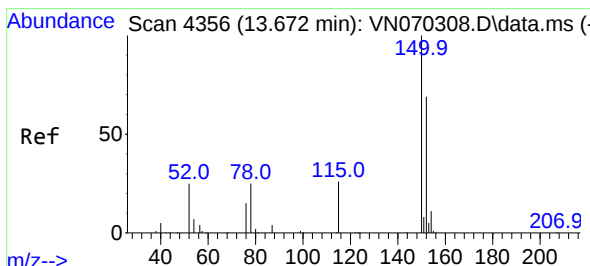
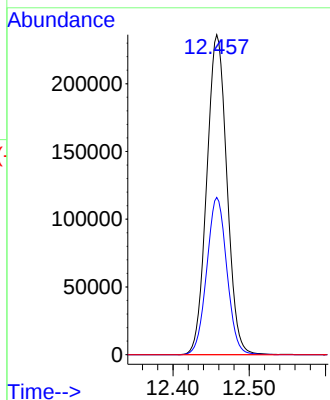
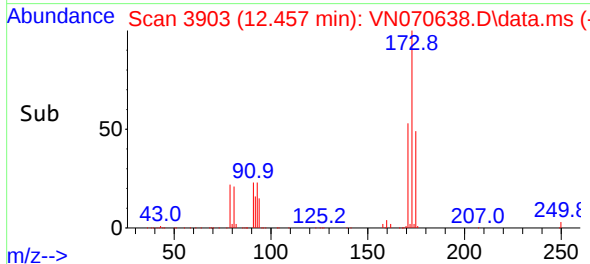
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



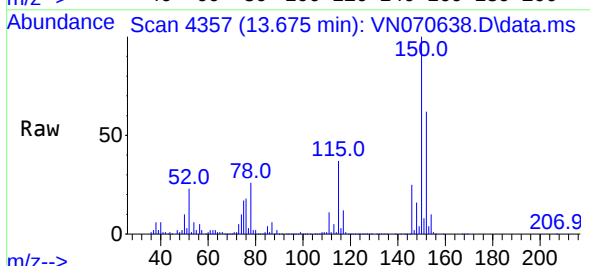
Tgt Ion:173 Resp: 43352
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

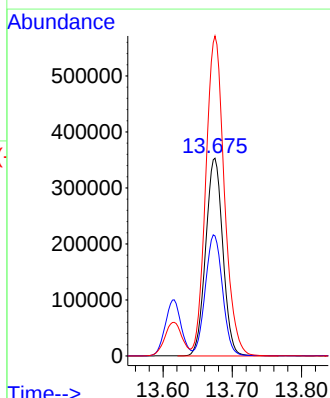
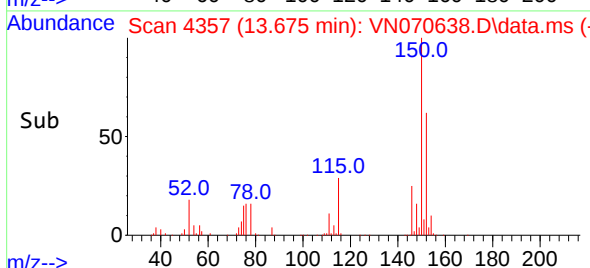
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

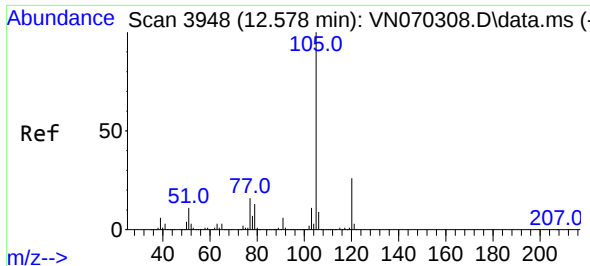


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



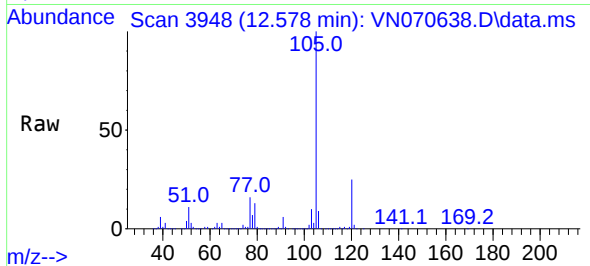
Tgt Ion:152 Resp: 608837
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 174.6 0.0 344.4





#73
Isopropylbenzene
Concen: 49.819 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

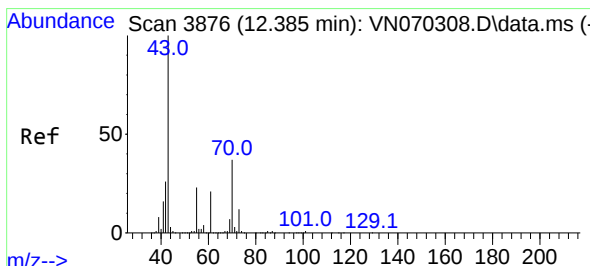
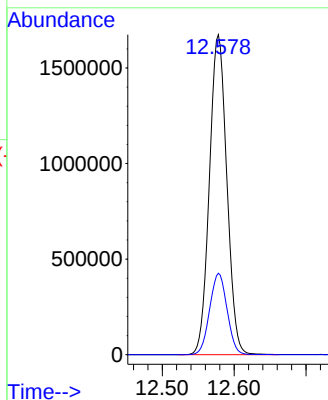
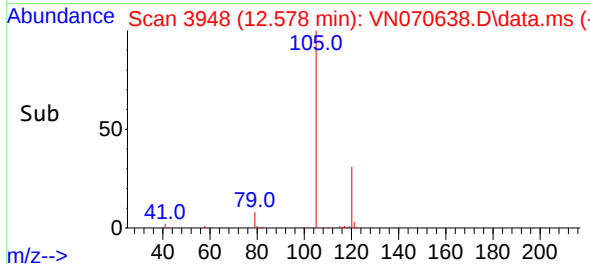
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



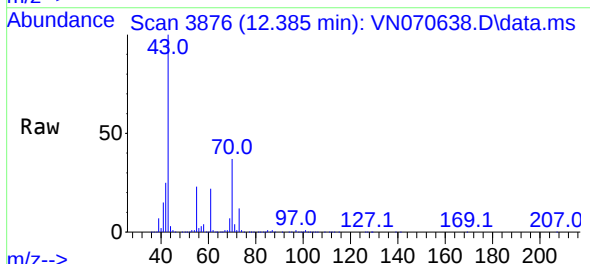
Tgt Ion:105 Resp: 2816740
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

Manual Integrations
APPROVED

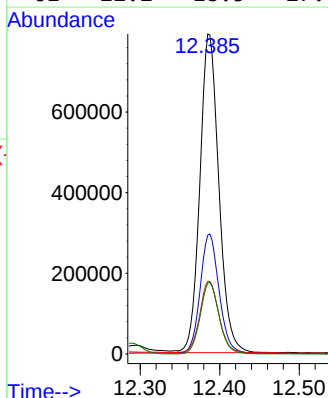
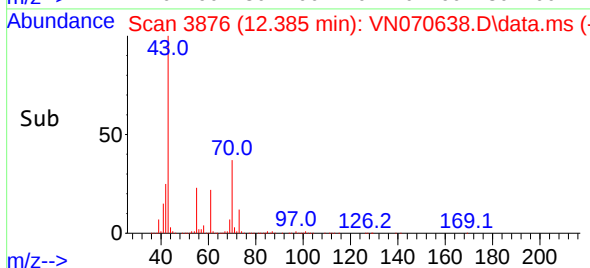
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

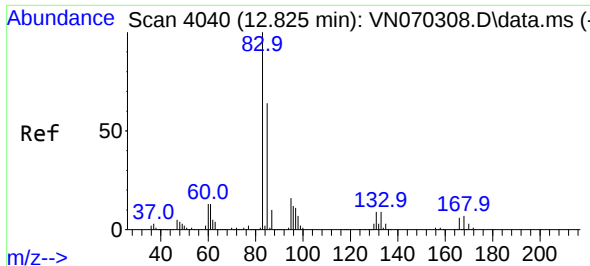


#74
N-ethyl acetate
Concen: 55.116 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



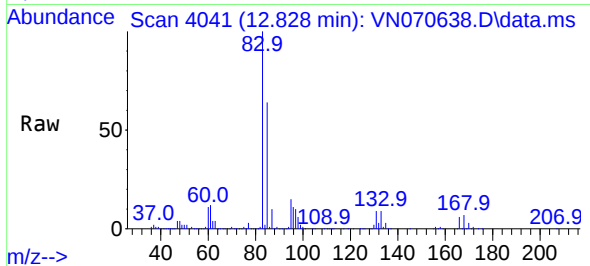
Tgt Ion: 43 Resp: 1310280
Ion Ratio Lower Upper
43 100
70 37.3 33.4 50.0
55 22.9 19.3 28.9
61 22.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.698 ug/l
RT: 12.828 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

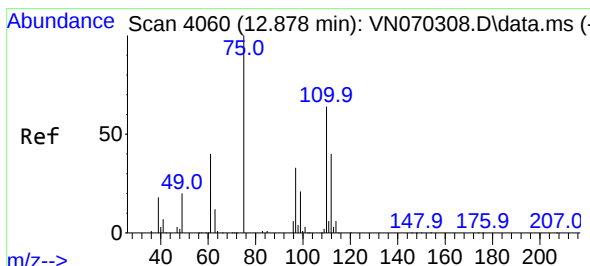
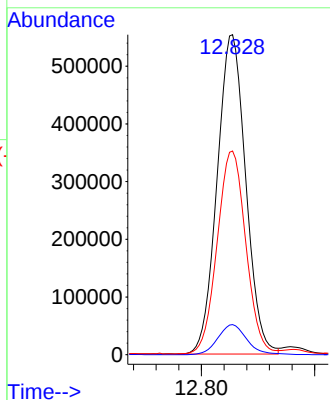
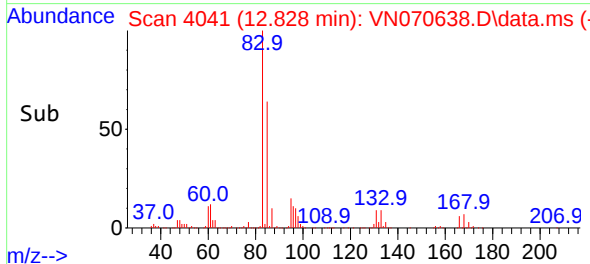
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



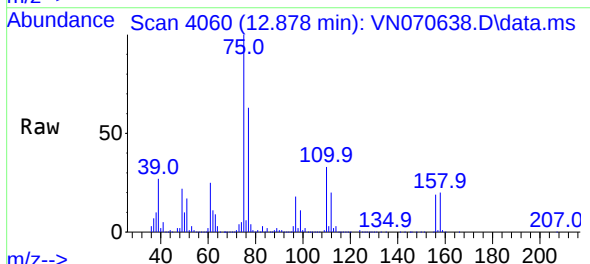
Tgt Ion: 83 Resp: 97160
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 63.3 32.4 97.2

Manual Integrations
APPROVED

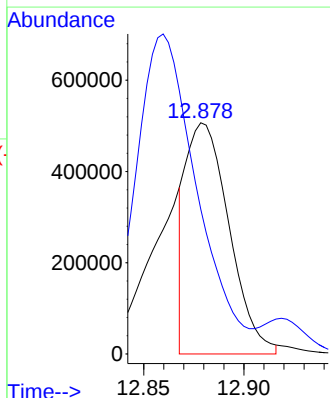
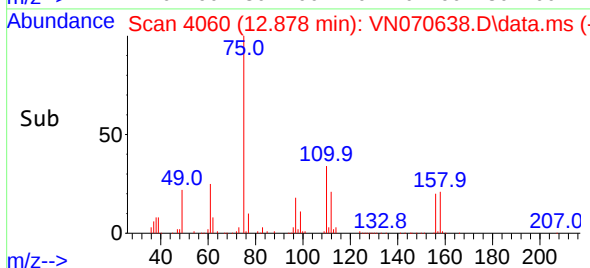
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

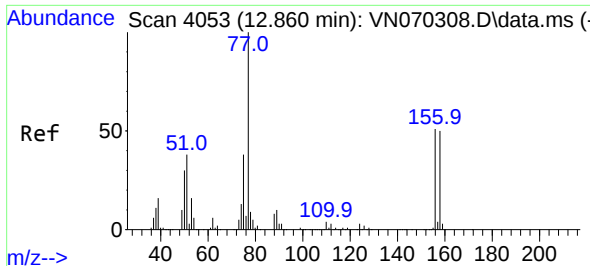


#76
1,2,3-Trichloropropane
Concen: 42.551 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



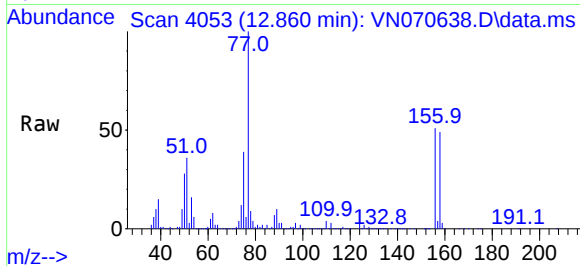
Tgt Ion: 75 Resp: 759190
Ion Ratio Lower Upper
75 100
77 196.3 82.6 247.8





#77
Bromobenzene
Concen: 48.736 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

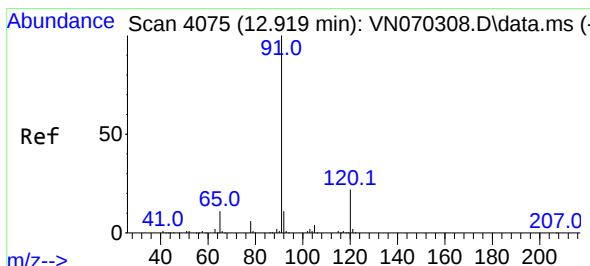
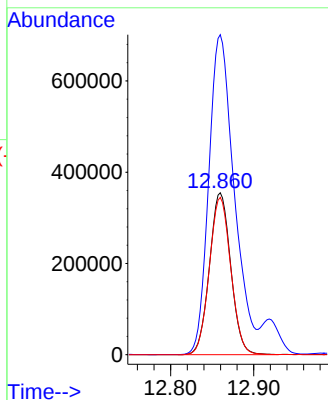
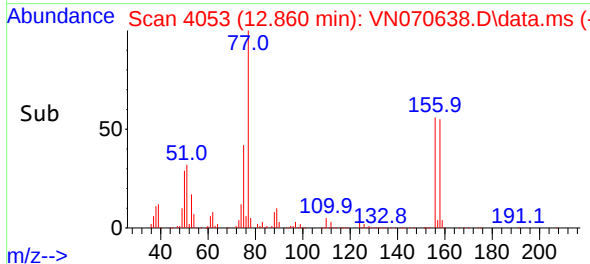
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



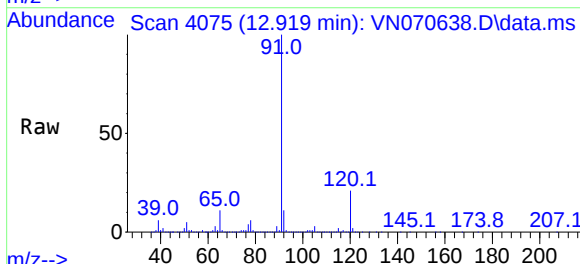
Tgt Ion:156 Resp: 632625
Ion Ratio Lower Upper
156 100
77 235.6 90.6 271.8
158 97.9 48.9 146.7

Manual Integrations
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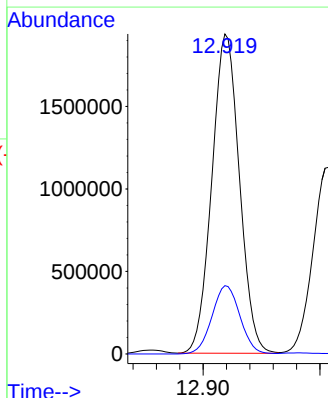
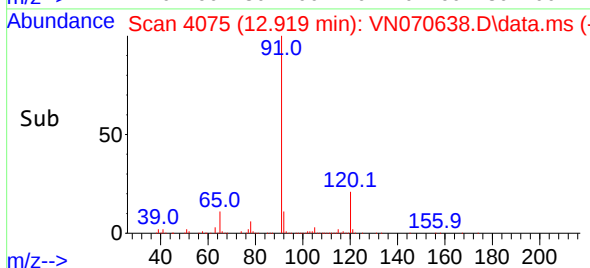
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

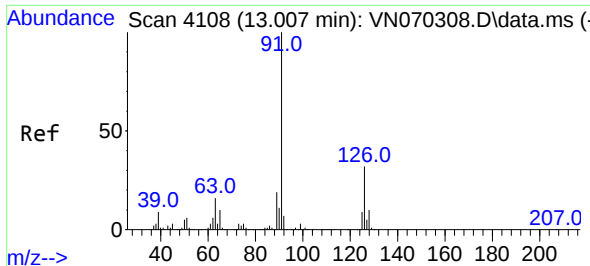


#78
n-propylbenzene
Concen: 50.617 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



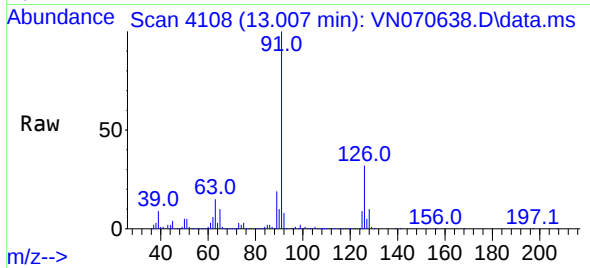
Tgt Ion: 91 Resp: 3170904
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





#79
2-Chlorotoluene
Concen: 48.990 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

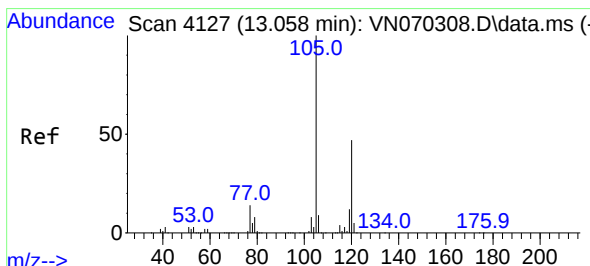
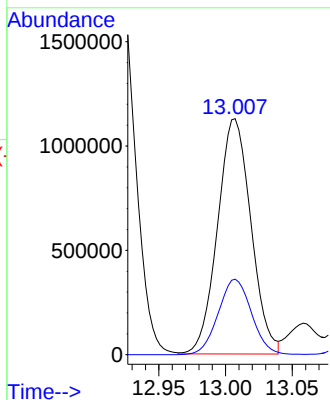
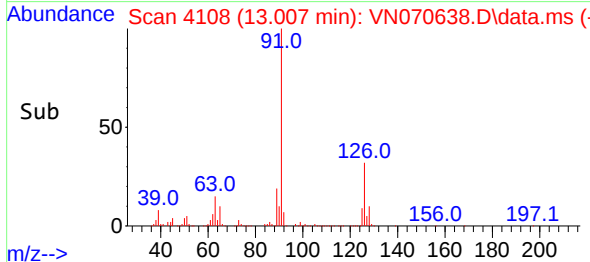
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



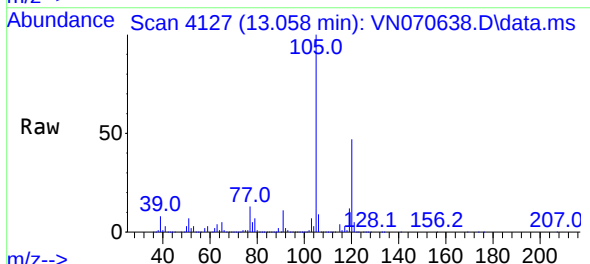
Tgt Ion: 91 Resp: 196912
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

Manual Integrations
APPROVED

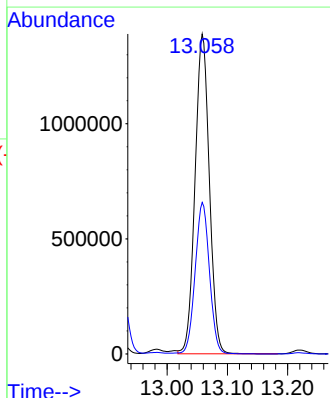
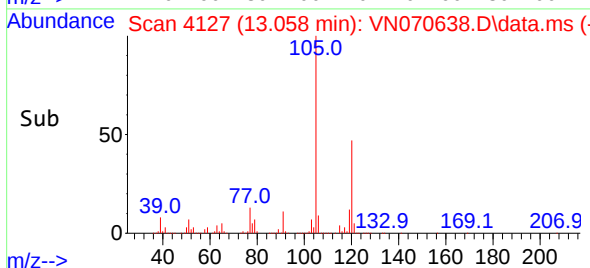
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

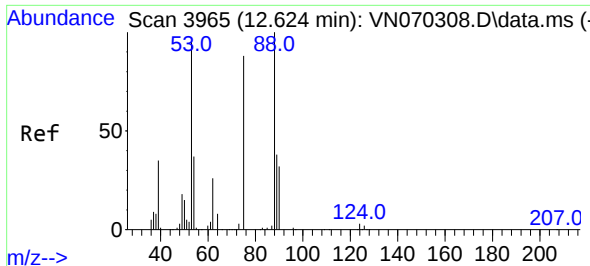


#80
1,3,5-Trimethylbenzene
Concen: 50.539 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



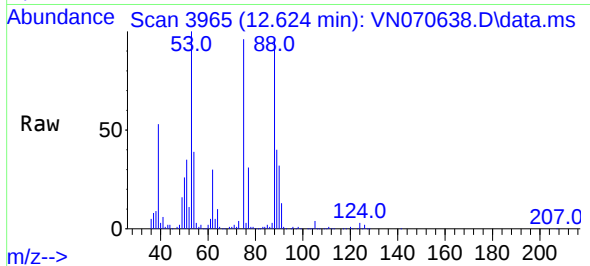
Tgt Ion:105 Resp: 2289800
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 54.344 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

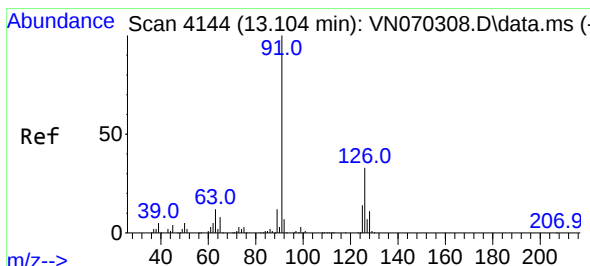
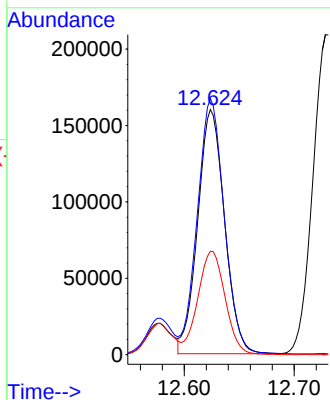
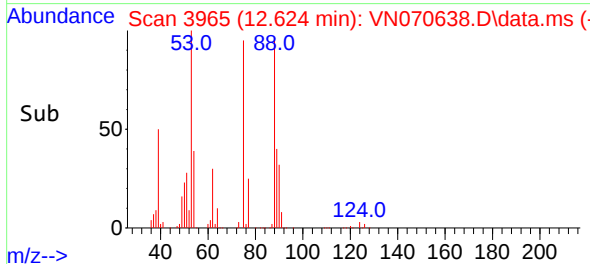
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



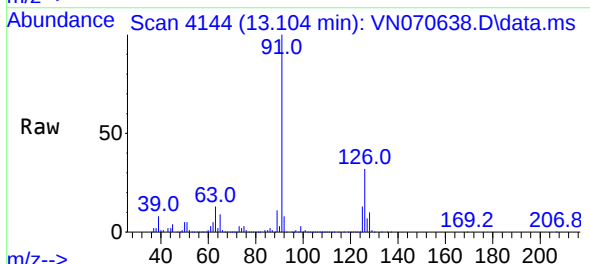
Tgt Ion: 75 Resp: 270810
Ion Ratio Lower Upper
75 100
53 105.4 90.5 135.7
89 43.3 38.2 57.4

Manual Integrations
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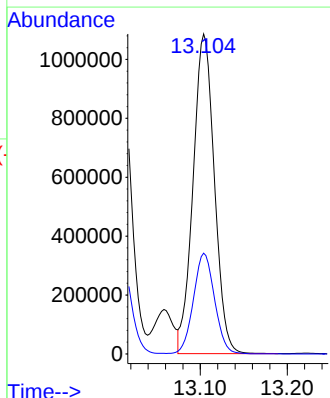
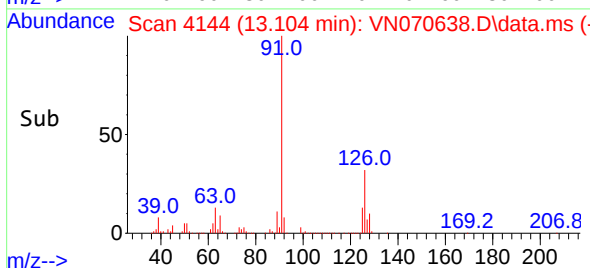
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

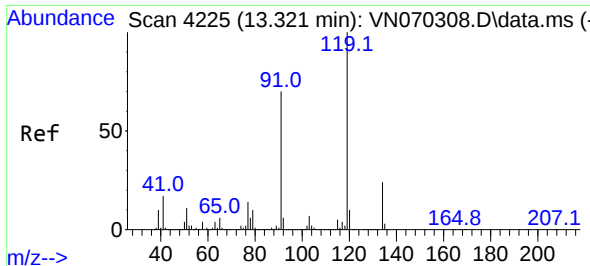


#82
4-Chlorotoluene
Concen: 48.972 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



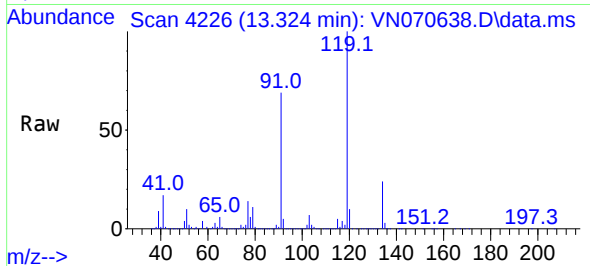
Tgt Ion: 91 Resp: 1843821
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.767 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

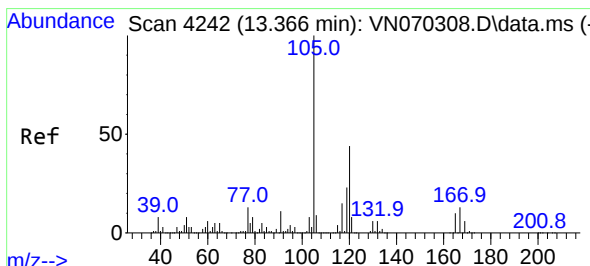
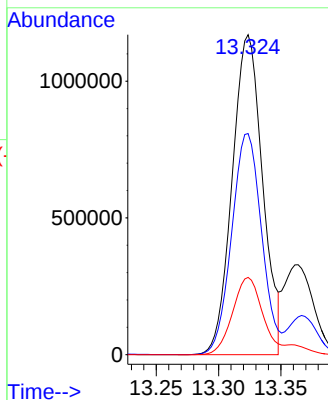
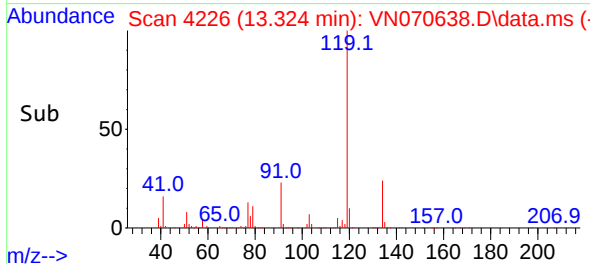
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



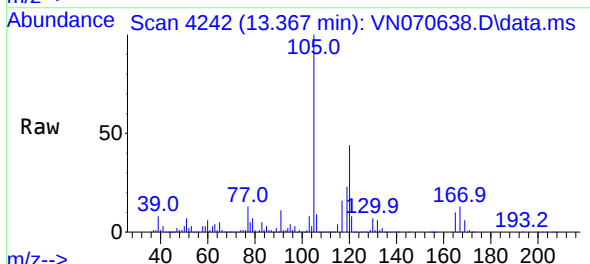
Tgt Ion:119 Resp: 1985479
Ion Ratio Lower Upper
119 100
91 68.4 31.5 94.5
134 24.1 12.4 37.4

Manual Integrations
APPROVED

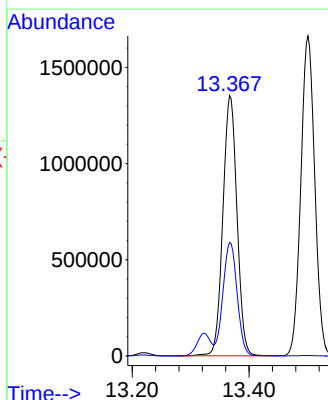
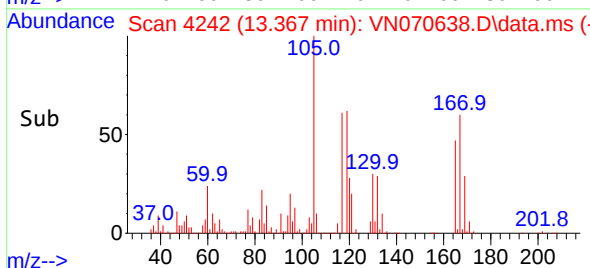
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

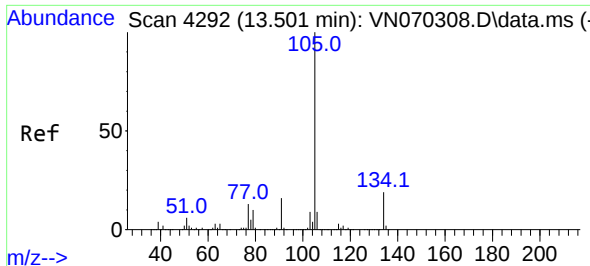


#84
1,2,4-Trimethylbenzene
Concen: 52.092 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



Tgt Ion:105 Resp: 2272679
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





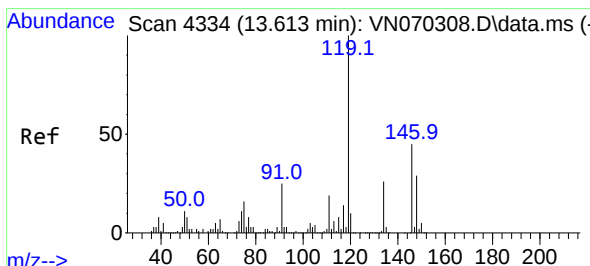
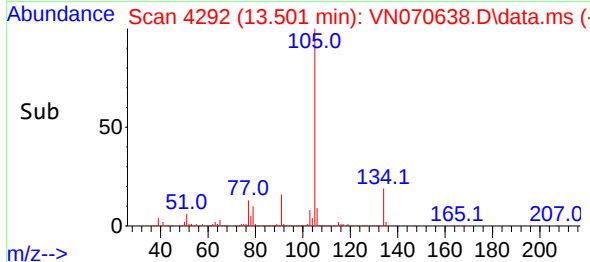
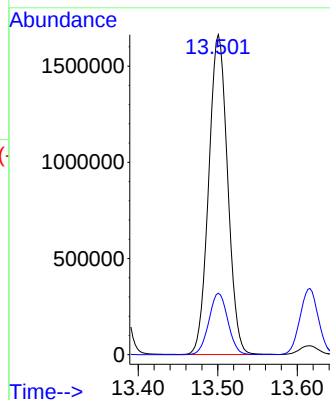
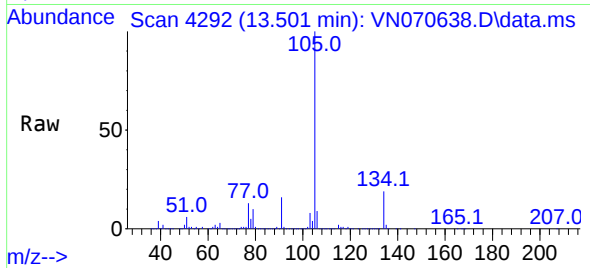
#85
 sec-Butylbenzene
 Concen: 50.815 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070638.D
 Acq: 14 Jan 2022 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 275237
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

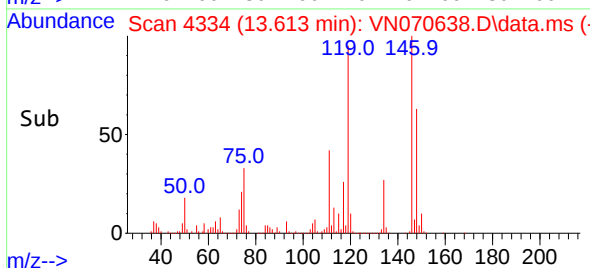
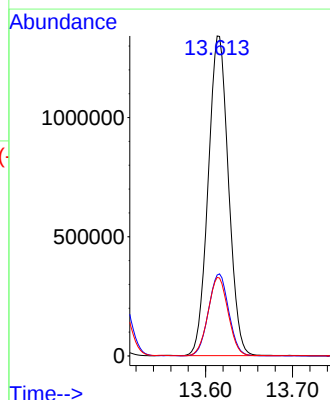
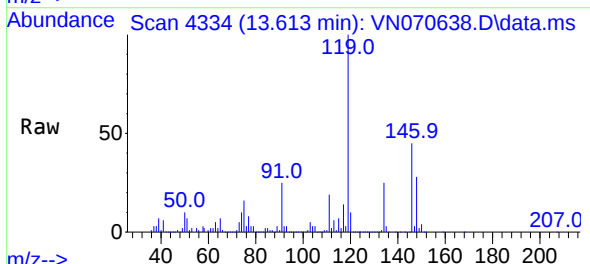
Manual Integrations
 APPROVED

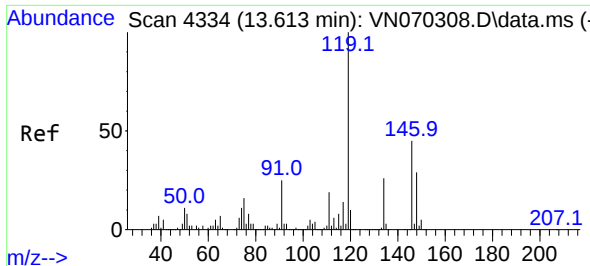
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022



#86
 p-Isopropyltoluene
 Concen: 50.922 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070638.D
 Acq: 14 Jan 2022 21:36

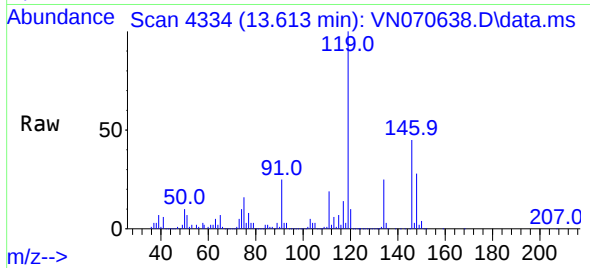
Tgt Ion:119 Resp: 2166644
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 24.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 47.527 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

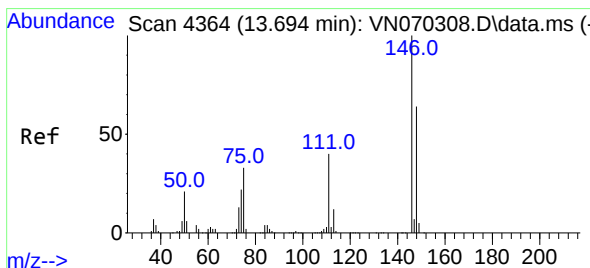
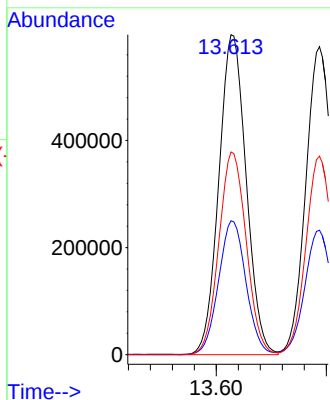
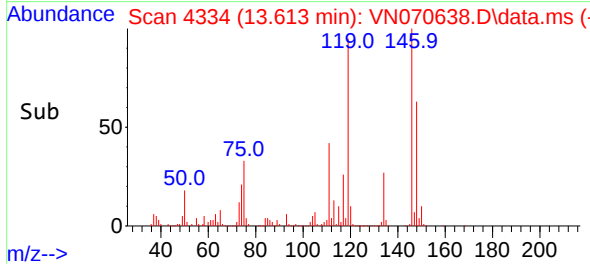
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



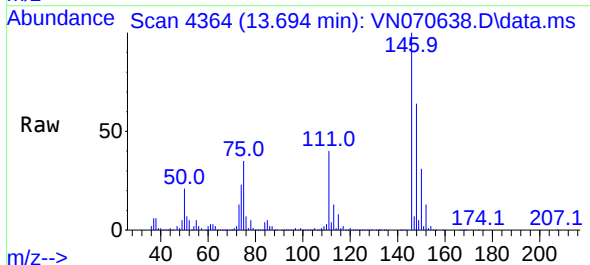
Tgt Ion:146 Resp: 103275
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.5 31.6 95.0

Manual Integrations
APPROVED

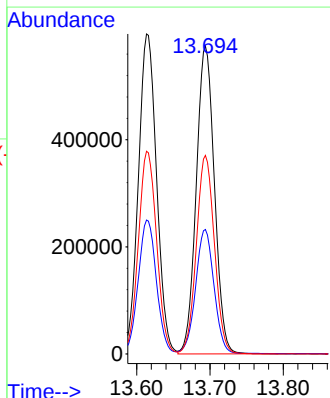
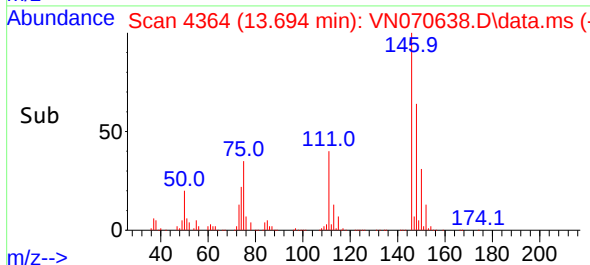
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

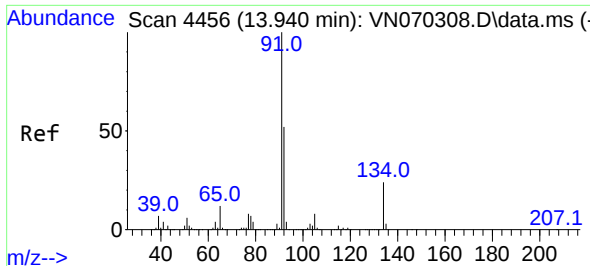


#88
1,4-Dichlorobenzene
Concen: 46.187 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



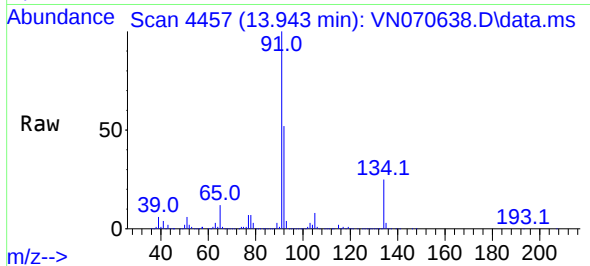
Tgt Ion:146 Resp: 990013
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 50.244 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

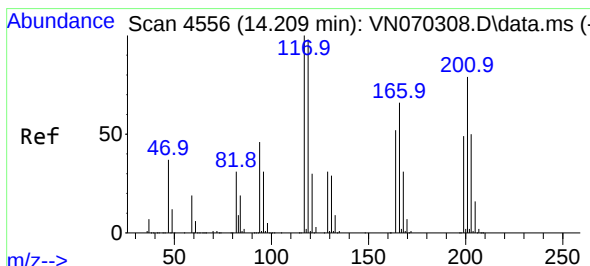
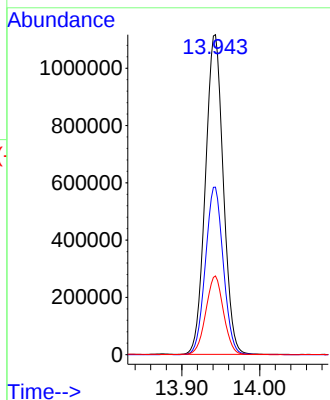
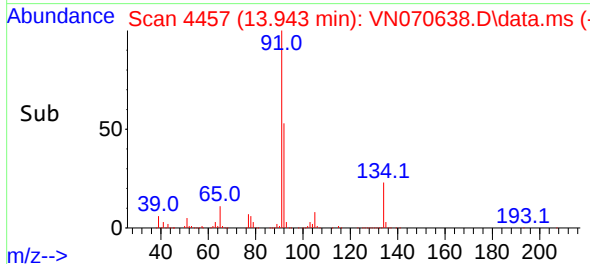
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1783149
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 24.4 13.6 40.8

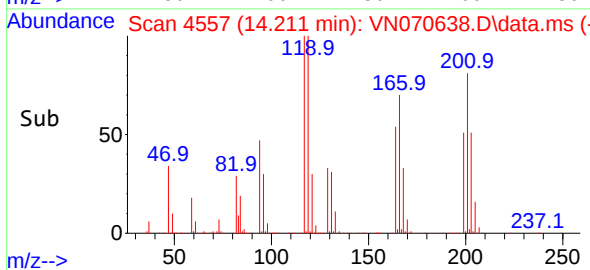
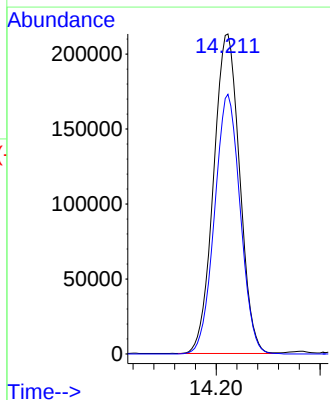
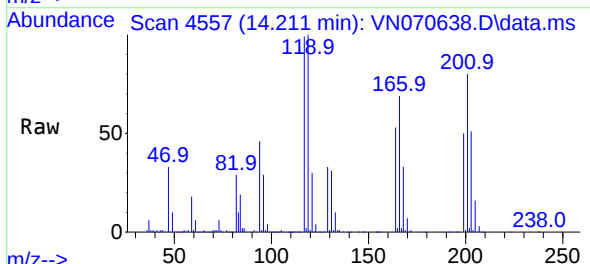
Manual Integrations
APPROVED

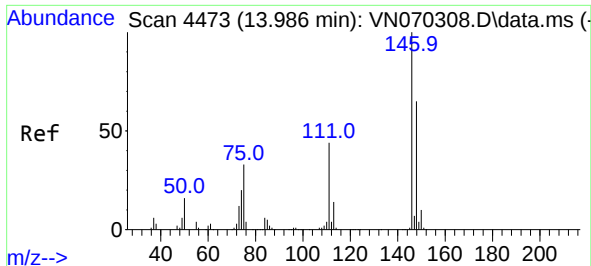
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#90
Hexachloroethane
Concen: 50.380 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

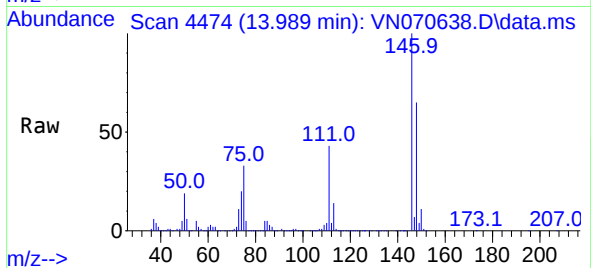
Tgt Ion:117 Resp: 372394
Ion Ratio Lower Upper
117 100
201 79.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.958 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

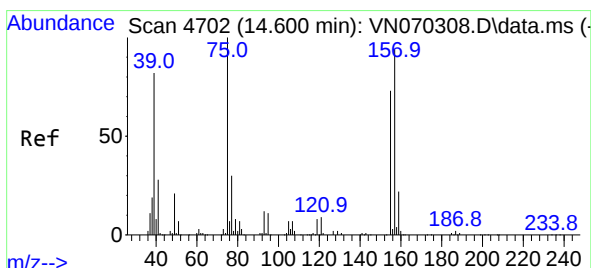
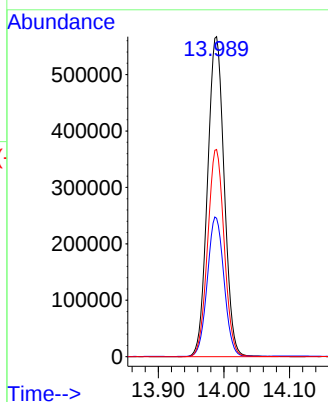
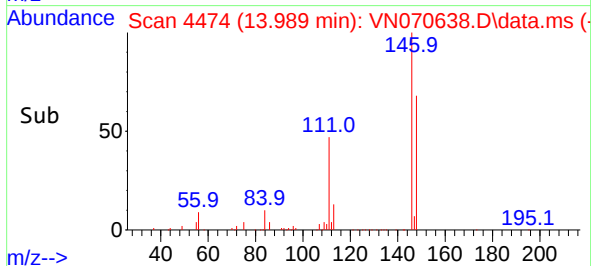
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MSVOA_N
ClientSampleId :
VSTDCCC050EC



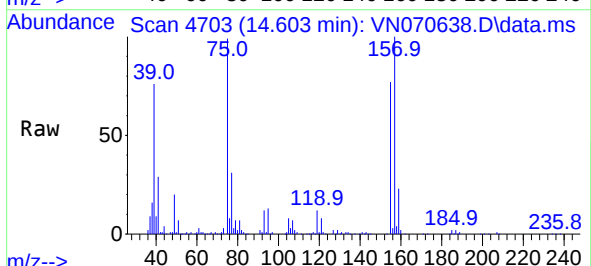
Tgt Ion:146 Resp: 1000319
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.3
148 64.4 32.1 96.3

Manual Integrations
APPROVED

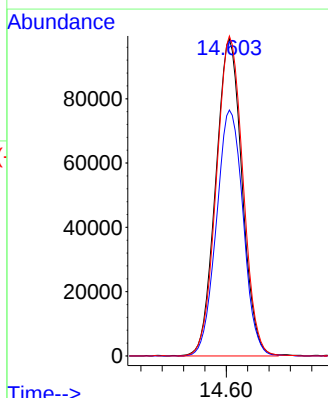
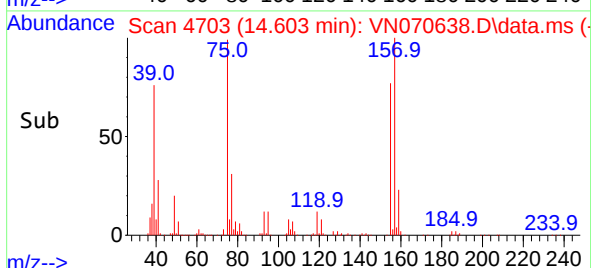
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

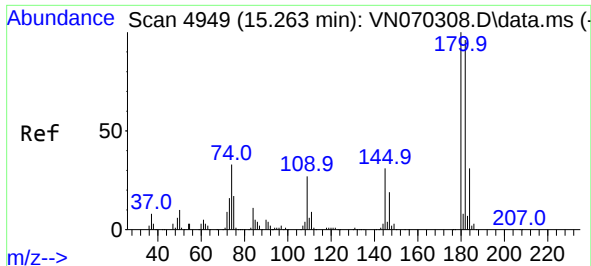


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.568 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



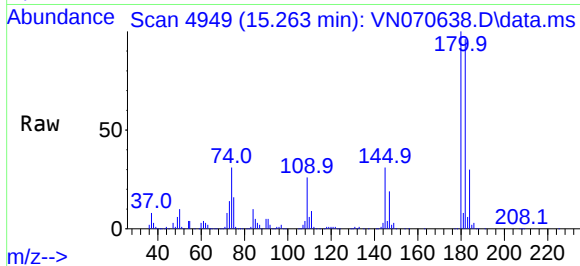
Tgt Ion: 75 Resp: 168902
Ion Ratio Lower Upper
75 100
155 78.9 46.9 140.7
157 101.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 50.108 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

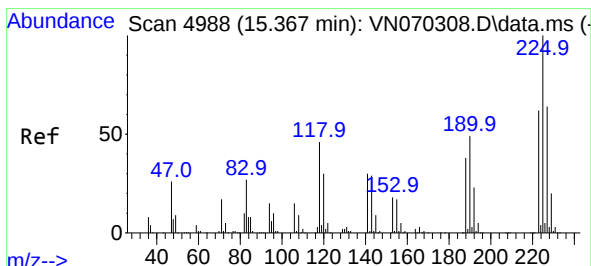
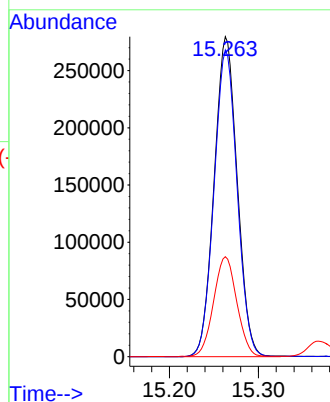
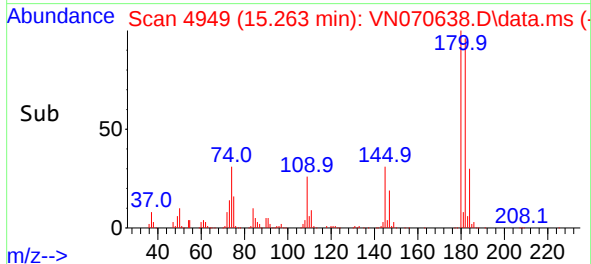
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



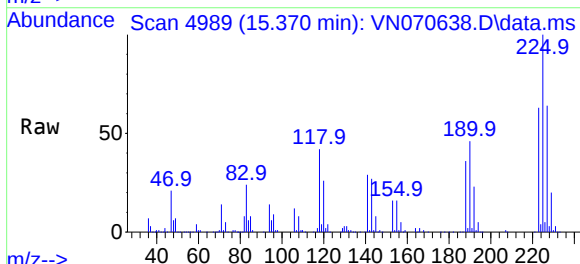
Tgt Ion:180 Resp: 50295
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 31.3 14.5 43.5

Manual Integrations
APPROVED

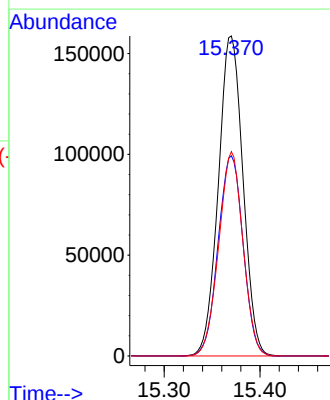
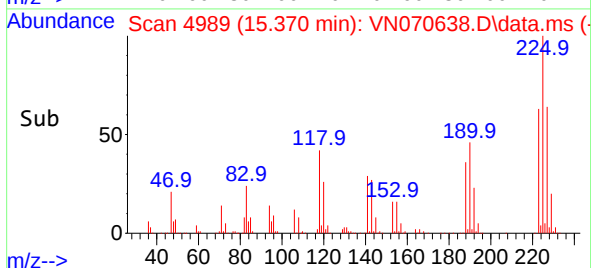
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

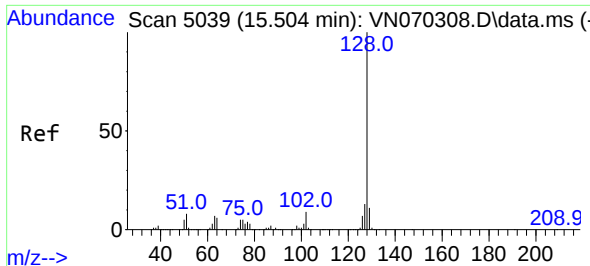


#94
Hexachlorobutadiene
Concen: 48.529 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



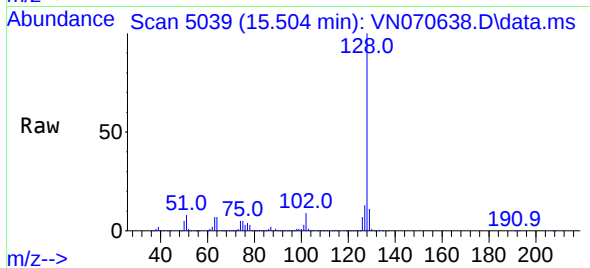
Tgt Ion:225 Resp: 283092
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 62.8 32.1 96.3





#95
Naphthalene
Concen: 60.126 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36

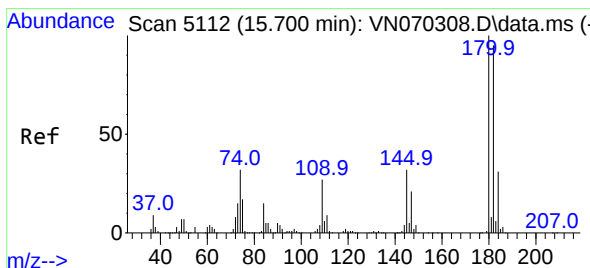
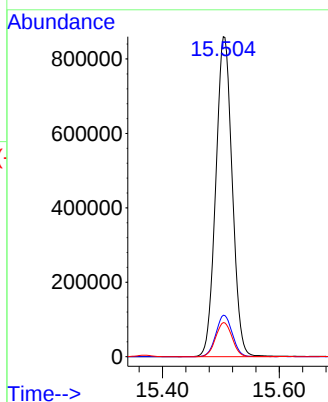
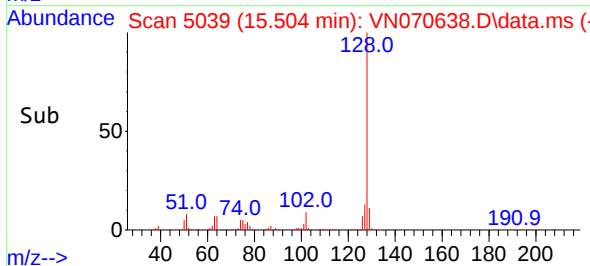
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



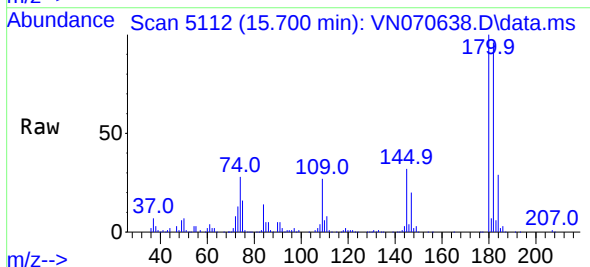
Tgt Ion:128 Resp: 167839
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.504 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070638.D
Acq: 14 Jan 2022 21:36



Tgt Ion:180 Resp: 504488
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 32.5 15.0 45.1

