

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070534.D
 Acq On : 6 Jan 2022 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 08 01:44:19 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	884412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1483873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1386277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	613064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	620269	48.778	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.560%		
35) Dibromofluoromethane	8.021	113	461093	51.357	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.720%		
50) Toluene-d8	10.440	98	1887167	51.454	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.900%		
62) 4-Bromofluorobenzene	12.728	95	702941	53.065	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	447586	44.626	ug/l	98
3) Chloromethane	2.303	50	650085	47.648	ug/l	100
4) Vinyl Chloride	2.448	62	588836	47.403	ug/l	97
5) Bromomethane	2.853	94	317739	49.559	ug/l	99
6) Chloroethane	3.019	64	358067	47.866	ug/l	97
7) Trichlorofluoromethane	3.379	101	705541	47.189	ug/l	99
8) Diethyl Ether	3.824	74	341087	51.751	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	459431	50.240	ug/l	95
10) Methyl Iodide	4.422	142	633405	51.181	ug/l	98
11) Tert butyl alcohol	5.371	59	484796	228.969	ug/l	99
12) 1,1-Dichloroethene	4.181	96	440594	48.915	ug/l	92
13) Acrolein	4.041	56	335418	195.243	ug/l	98
14) Allyl chloride	4.840	41	1055810	51.700	ug/l #	84
15) Acrylonitrile	5.551	53	1814931	274.693	ug/l	99
16) Acetone	4.285	43	1596662	193.423	ug/l	98
17) Carbon Disulfide	4.529	76	1114168	45.316	ug/l	99
18) Methyl Acetate	4.854	43	1278232	53.531	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	1761762	52.668	ug/l	94
20) Methylene Chloride	5.095	84	570482	49.950	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	474784	49.784	ug/l #	85
22) Diisopropyl ether	6.495	45	2185474	54.944	ug/l #	91
23) Vinyl Acetate	6.433	43	8471860	274.513	ug/l	94
24) 1,1-Dichloroethane	6.388	63	1060991	51.443	ug/l	98
25) 2-Butanone	7.335	43	2528660	243.286	ug/l	92
26) 2,2-Dichloropropane	7.324	77	735428	45.200	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	589398	51.794	ug/l	87
28) Bromochloromethane	7.656	49	571836	56.693	ug/l #	76
29) Tetrahydrofuran	7.683	42	1702098	274.475	ug/l #	86
30) Chloroform	7.817	83	1000229	50.270	ug/l	100
31) Cyclohexane	8.094	56	1007283	50.197	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	817275	48.715	ug/l	97
36) 1,1-Dichloropropene	8.220	75	732372	49.310	ug/l	97
37) Ethyl Acetate	7.412	43	1005677	52.238	ug/l	97
38) Carbon Tetrachloride	8.204	117	656671	46.302	ug/l	99
39) Methylcyclohexane	9.459	83	900039	50.055	ug/l	89
40) Benzene	8.458	78	2346895	51.542	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	543265	56.418	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	818223	47.807	ug/l	99
43) Isopropyl Acetate	8.558	43	1635645	53.888	ug/l #	94
44) Trichloroethene	9.215	130	529833	48.971	ug/l	94
45) 1,2-Dichloropropane	9.488	63	662711	54.056	ug/l	99
46) Dibromomethane	9.574	93	383569	50.315	ug/l	94
47) Bromodichloromethane	9.762	83	771295	50.954	ug/l	99
48) Methyl methacrylate	9.558	41	800854	55.316	ug/l #	79
49) 1,4-Dioxane	9.566	88	210408	992.816	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	5208645	273.099	ug/l	97
52) Toluene	10.502	92	1436808	52.131	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	849230	51.823	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	945847	53.357	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	571372	52.396	ug/l	97
56) Ethyl methacrylate	10.759	69	1000030	55.500	ug/l	88
57) 1,3-Dichloropropane	11.041	76	1029543	53.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1200710	260.077	ug/l	90
59) 2-Hexanone	11.081	43	3711853	266.877	ug/l	96
60) Dibromochloromethane	11.237	129	553400	52.013	ug/l	100
61) 1,2-Dibromoethane	11.344	107	576062	52.026	ug/l	99
64) Tetrachloroethene	10.974	164	450861	44.913	ug/l	97
65) Chlorobenzene	11.768	112	1499705	50.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	527703	50.254	ug/l	99
67) Ethyl Benzene	11.843	91	2803807	52.026	ug/l	97
68) m/p-Xylenes	11.950	106	2073139	105.679	ug/l	94
69) o-Xylene	12.277	106	1044026	53.505	ug/l	93
70) Styrene	12.291	104	1712532	55.453	ug/l	97
71) Bromoform	12.454	173	413891	53.110	ug/l #	100
73) Isopropylbenzene	12.575	105	2719002	47.759	ug/l	98
74) N-amyl acetate	12.385	43	1251141	52.266	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	933580	50.014	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	833855m	46.165	ug/l	
77) Bromobenzene	12.857	156	622575	47.631	ug/l	78
78) n-propylbenzene	12.918	91	3111102	49.320	ug/l	96
79) 2-Chlorotoluene	13.004	91	1914784	47.309	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2217001	48.594	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	260275	51.870	ug/l	94
82) 4-Chlorotoluene	13.104	91	1828937	48.241	ug/l	92
83) tert-Butylbenzene	13.321	119	1965897	48.937	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2176999	49.555	ug/l	98
85) sec-Butylbenzene	13.500	105	2729892	50.052	ug/l	98
86) p-Isopropyltoluene	13.613	119	2171484	50.684	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	1070056	48.904	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	1038981	48.137	ug/l	97
89) n-Butylbenzene	13.940	91	1804517	50.496	ug/l	97
90) Hexachloroethane	14.208	117	363341	48.817	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	1046773	48.800	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	157994	47.905	ug/l	82
93) 1,2,4-Trichlorobenzene	15.262	180	510536	50.513	ug/l	99
94) Hexachlorobutadiene	15.367	225	300945	51.233	ug/l	99
95) Naphthalene	15.504	128	1420347	50.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	499865	51.677	ug/l	98

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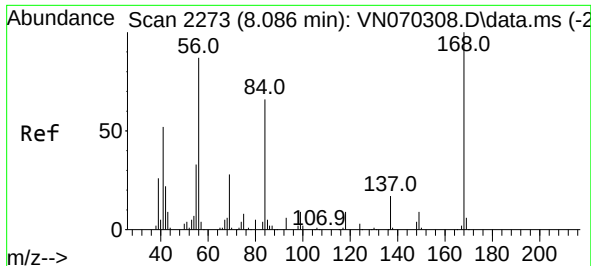
Manual Integrations
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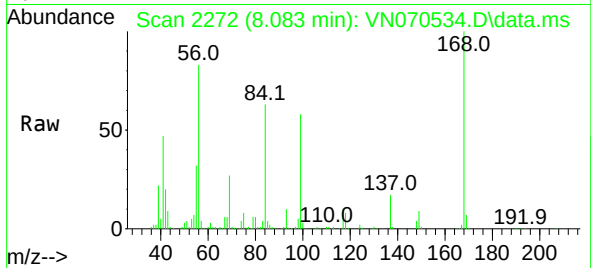
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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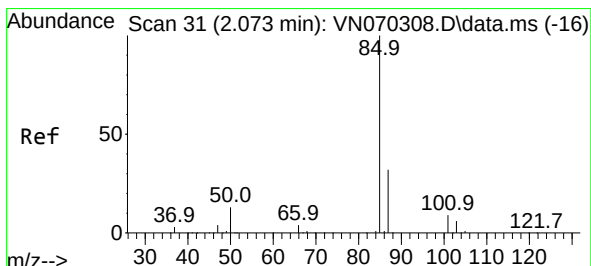
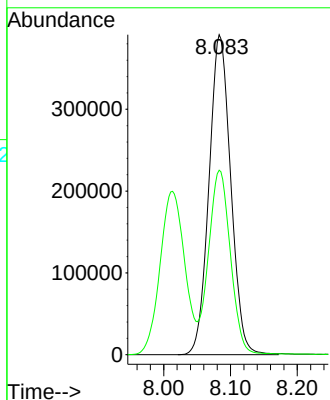
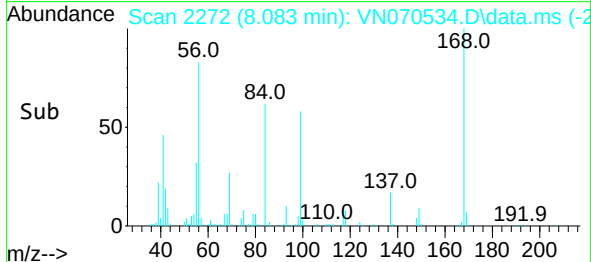
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 88441
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9

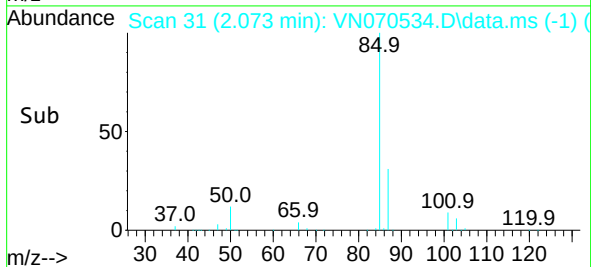
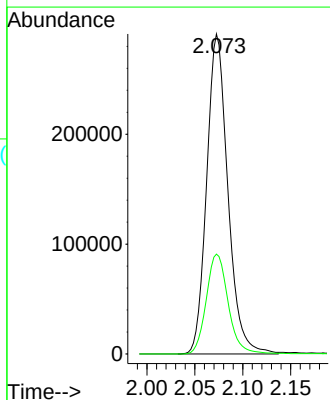
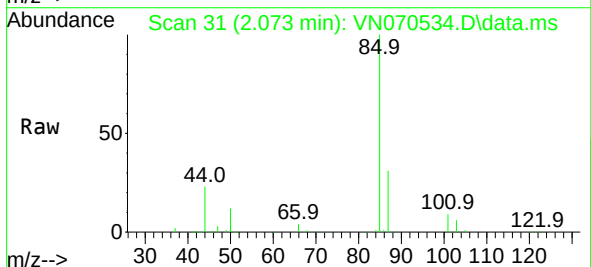
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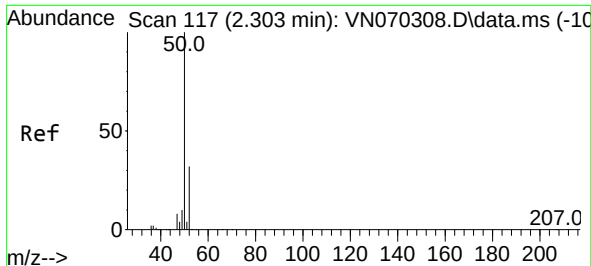
Reviewed By :John Carlone 01/10/2022
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#2
Dichlorodifluoromethane
Concen: 44.626 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

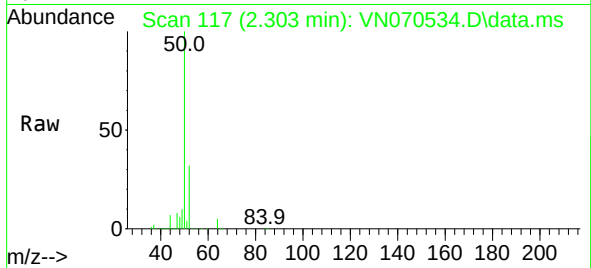
Tgt Ion: 85 Resp: 447586
Ion Ratio Lower Upper
85 100
87 31.2 16.3 48.9





#3
Chloromethane
Concen: 47.648 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

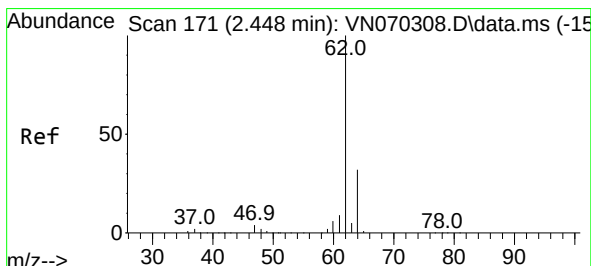
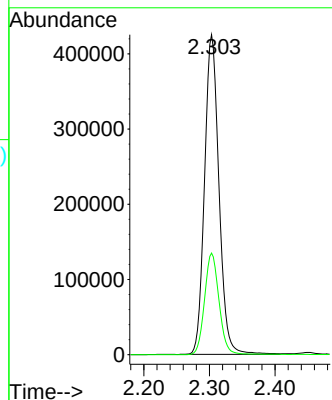
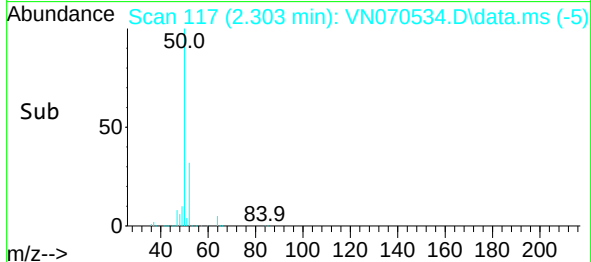
Instrument :
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Tgt Ion: 50 Resp: 650085
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

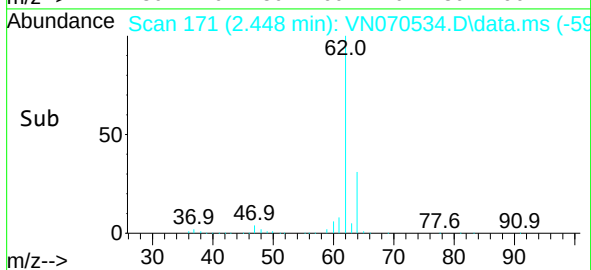
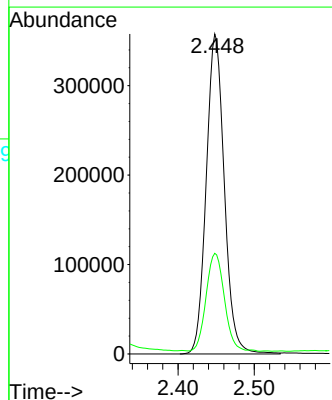
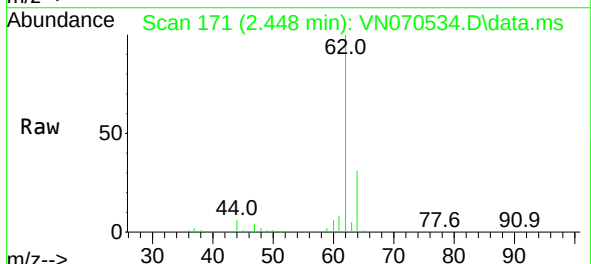
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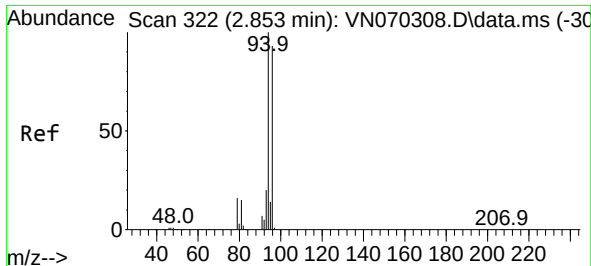
Reviewed By :John Carlone 01/10/2022
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#4
Vinyl Chloride
Concen: 47.403 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

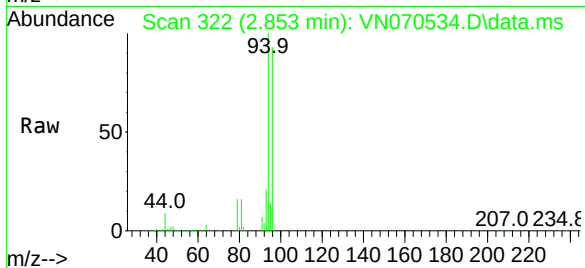
Tgt Ion: 62 Resp: 588836
Ion Ratio Lower Upper
62 100
64 30.5 25.8 38.6





#5
Bromomethane
Concen: 49.559 ug/l
RT: 2.853 min Scan# 317
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

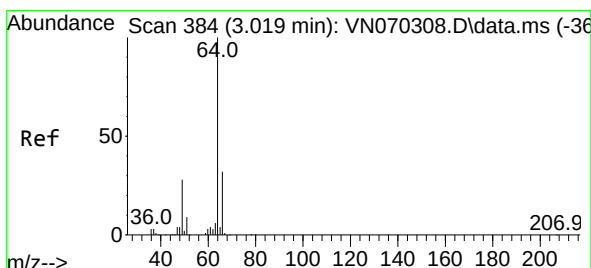
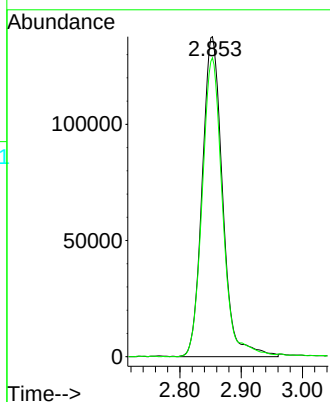
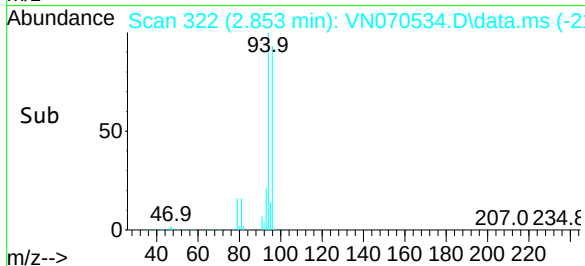
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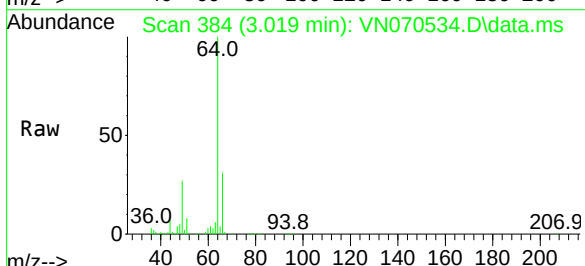
Tgt Ion: 94 Resp: 317739
Ion Ratio Lower Upper
94 100
96 93.4 73.8 110.8

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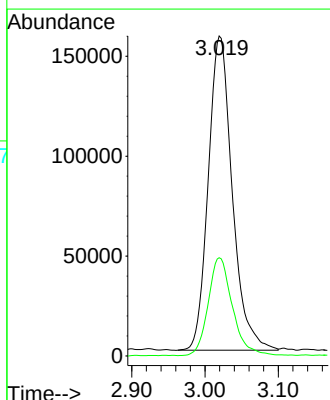
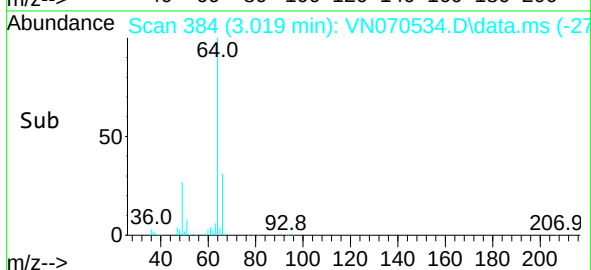
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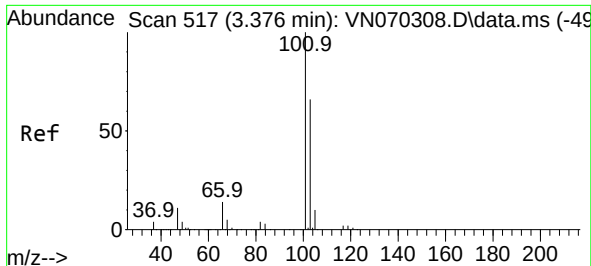


#6
Chloroethane
Concen: 47.866 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN070534.D
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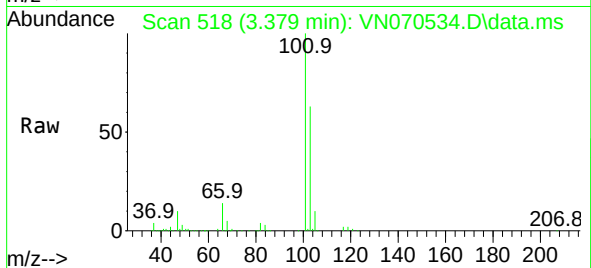
Tgt Ion: 64 Resp: 358067
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 47.189 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070534.D
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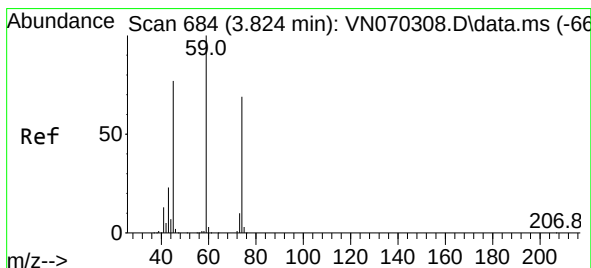
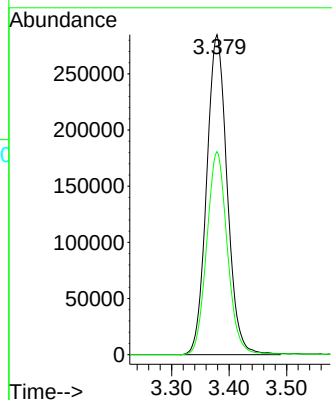
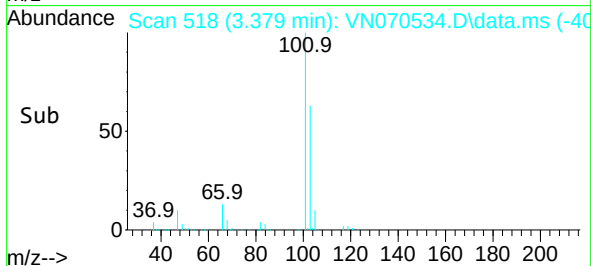
Instrument :
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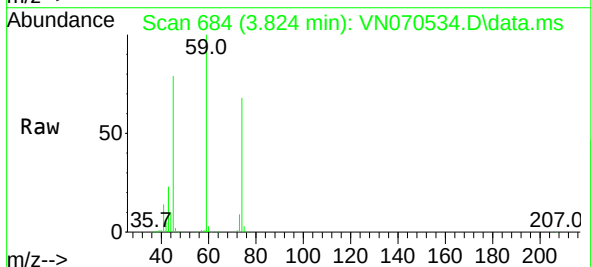
Tgt Ion:101 Resp: 70554
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

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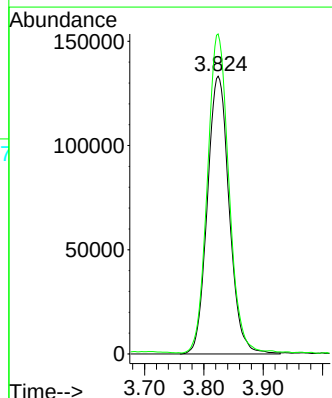
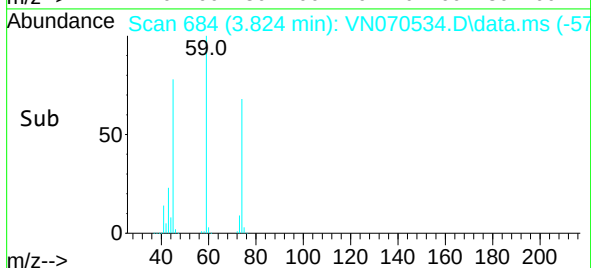
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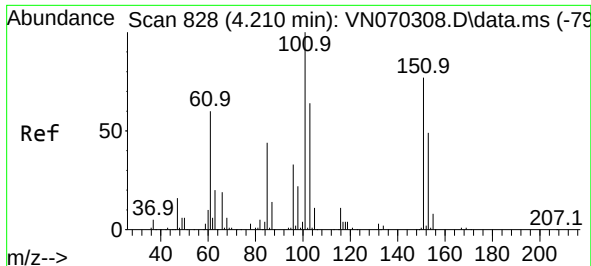


#8
Diethyl Ether
Concen: 51.751 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
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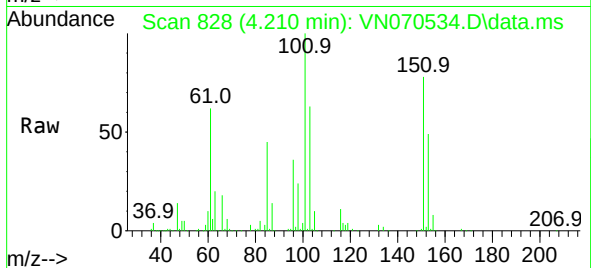
Tgt Ion: 74 Resp: 341087
Ion Ratio Lower Upper
74 100
45 112.6 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.240 ug/l
RT: 4.210 min Scan# 828
Delta R.T. 0.000 min
Lab File: VN070534.D
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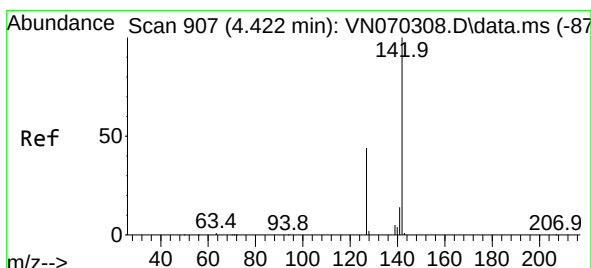
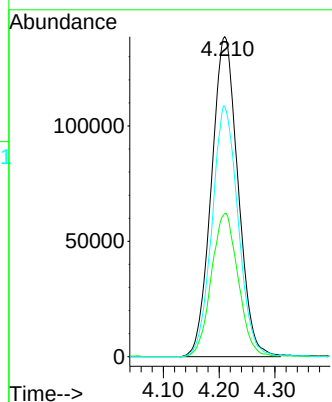
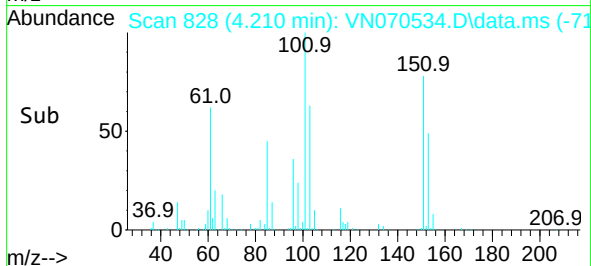
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 45943
Ion Ratio Lower Upper
101 100
85 45.1 37.2 55.8
151 76.9 65.9 98.9

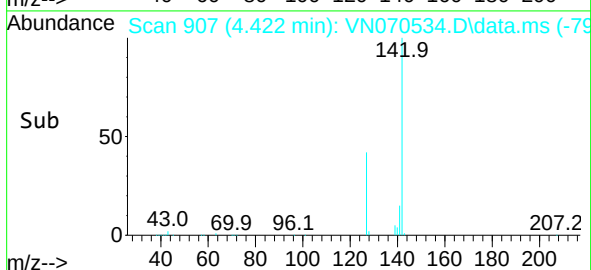
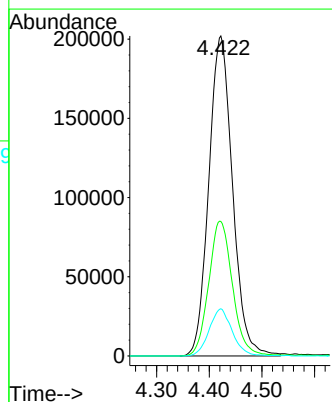
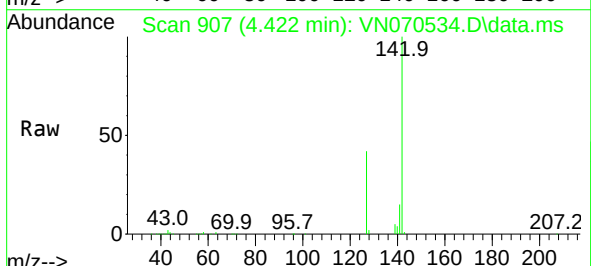
Manual Integrations
APPROVED

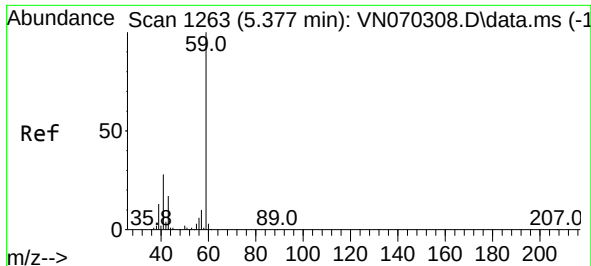
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#10
Methyl Iodide
Concen: 51.181 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

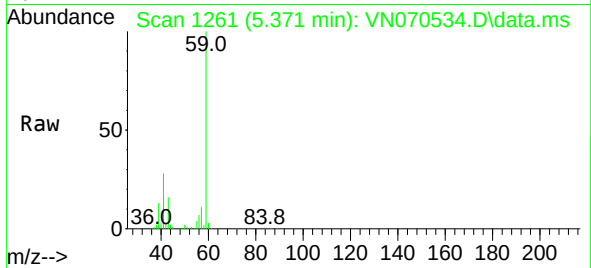
Tgt Ion:142 Resp: 633405
Ion Ratio Lower Upper
142 100
127 42.1 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 228.969 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

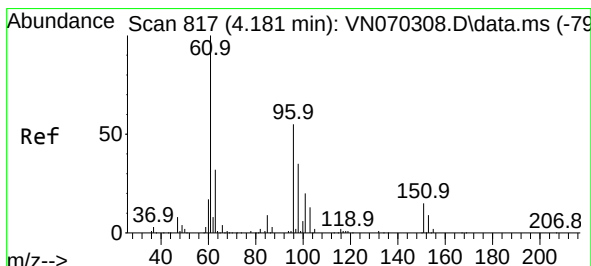
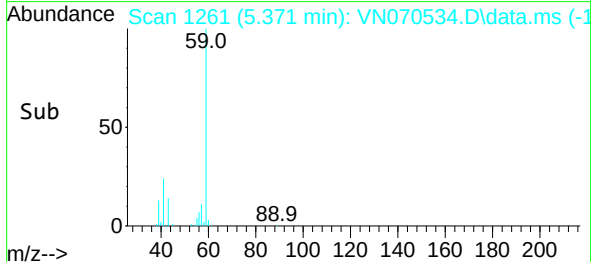
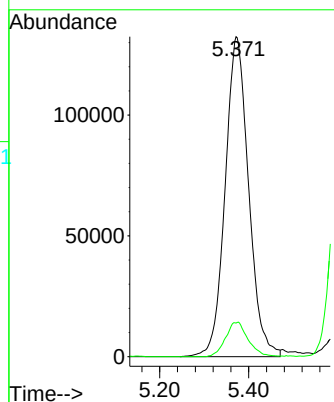
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 484790
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

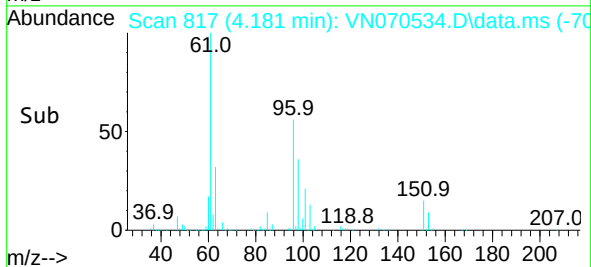
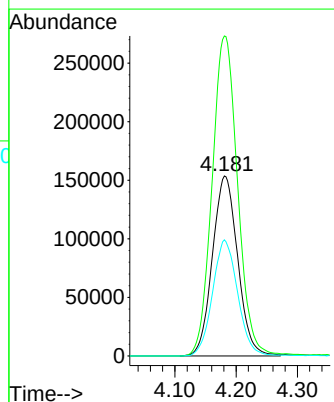
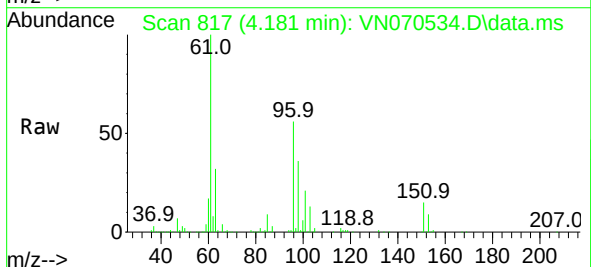
Manual Integrations
APPROVED

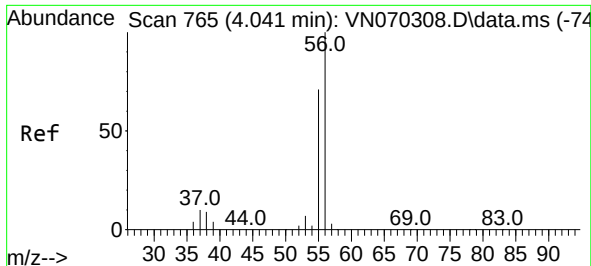
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#12
1,1-Dichloroethene
Concen: 48.915 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

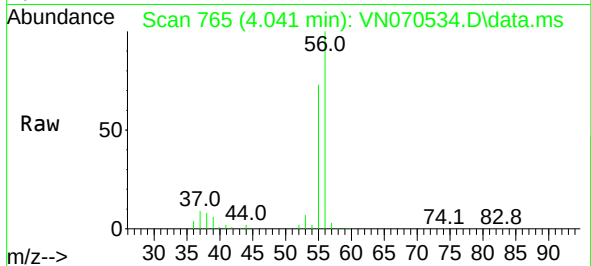
Tgt Ion: 96 Resp: 440594
Ion Ratio Lower Upper
96 100
61 177.8 131.0 196.6
98 64.5 52.4 78.6





#13
Acrolein
Concen: 195.243 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

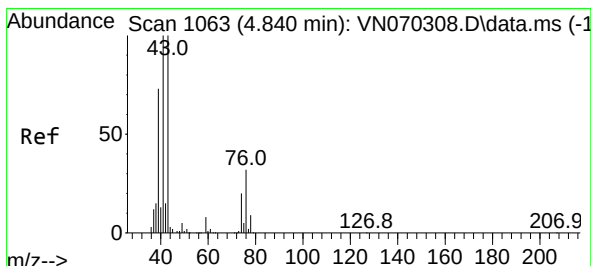
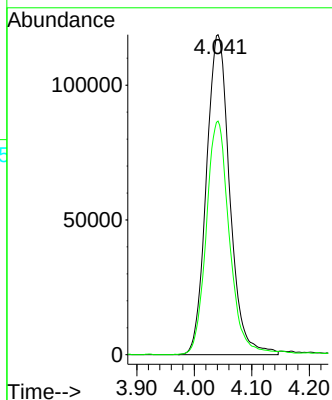
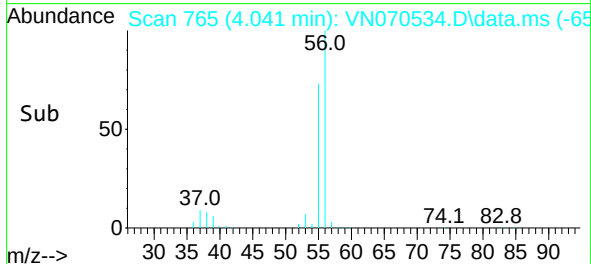
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



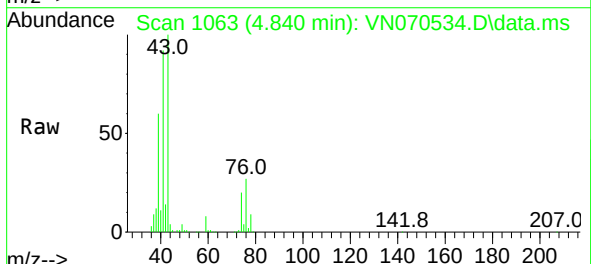
Tgt Ion: 56 Resp: 335418
Ion Ratio Lower Upper
56 100
55 72.4 56.6 85.0

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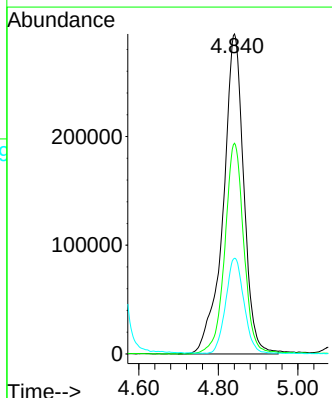
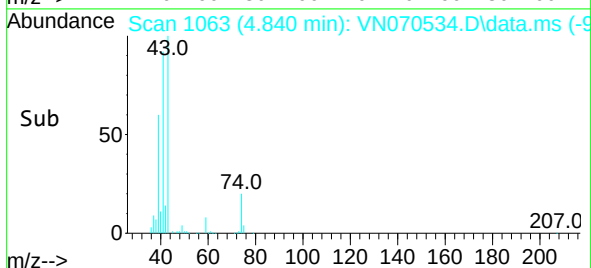
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

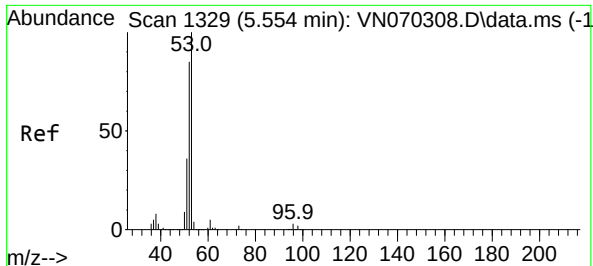


#14
Allyl chloride
Concen: 51.700 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



Tgt Ion: 41 Resp: 1055810
Ion Ratio Lower Upper
41 100
39 60.7 61.2 91.8#
76 26.4 26.0 39.0





#15

Acrylonitrile

Concen: 274.693 ug/l

RT: 5.551 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070534.D

Acq: 6 Jan 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 181493

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

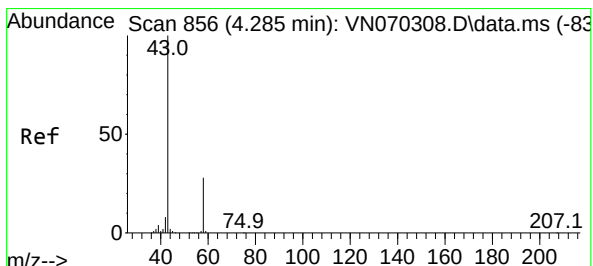
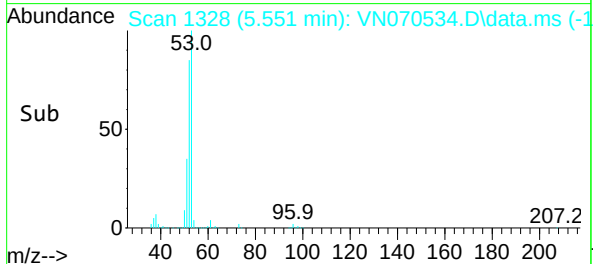
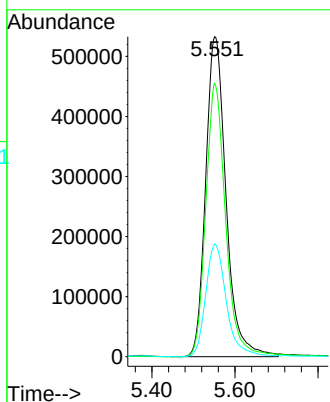
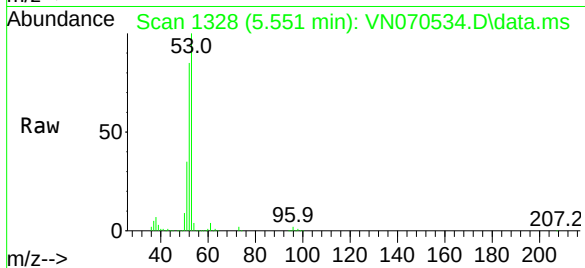
51 35.9 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#16

Acetone

Concen: 193.423 ug/l

RT: 4.285 min Scan# 856

Delta R.T. 0.000 min

Lab File: VN070534.D

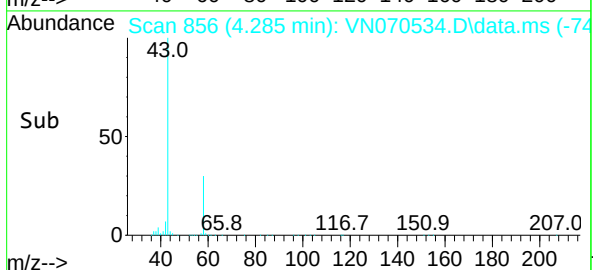
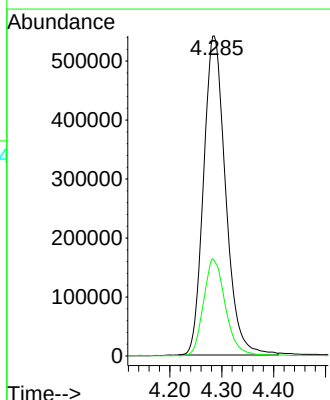
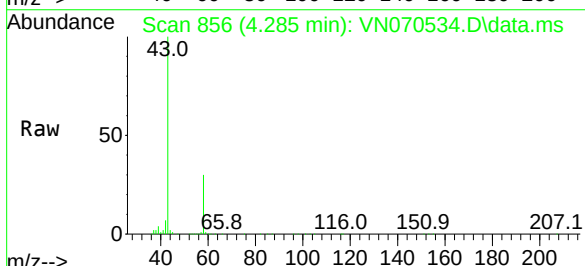
Acq: 6 Jan 2022 21:31

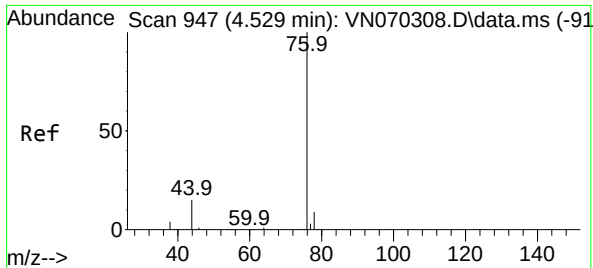
Tgt Ion: 43 Resp: 1596662

Ion Ratio Lower Upper

43 100

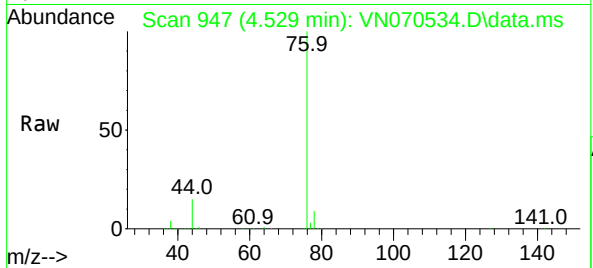
58 29.8 23.1 34.7





#17
Carbon Disulfide
Concen: 45.316 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

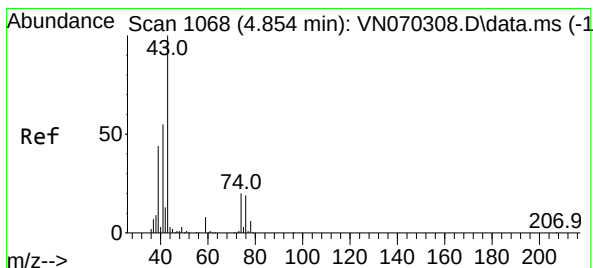
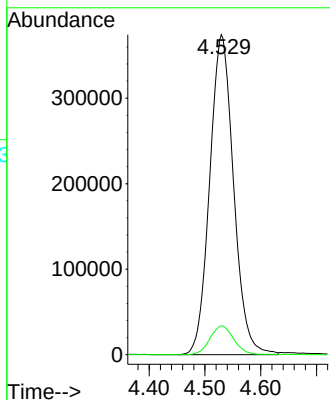
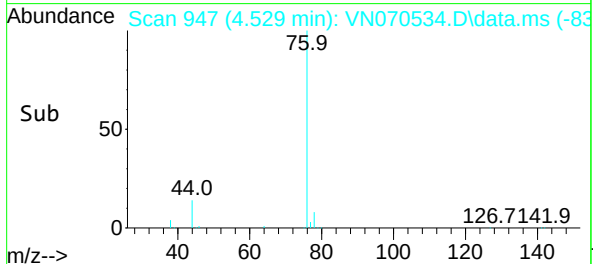
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



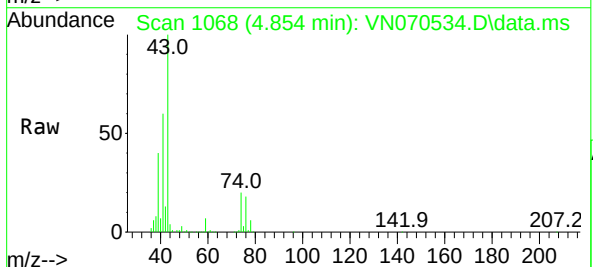
Tgt Ion: 76 Resp: 111416
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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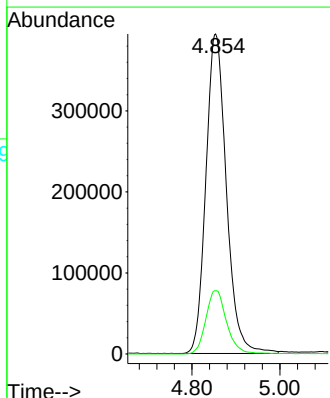
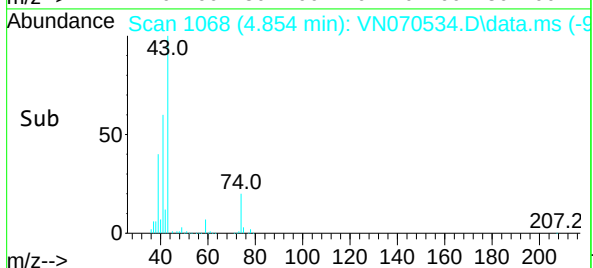
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

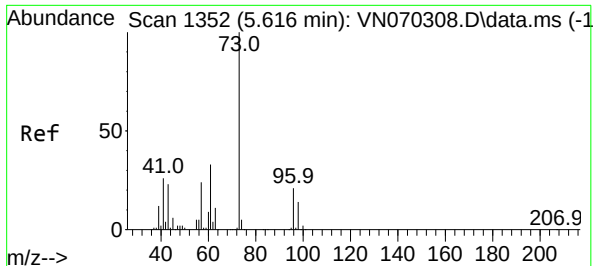


#18
Methyl Acetate
Concen: 53.531 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



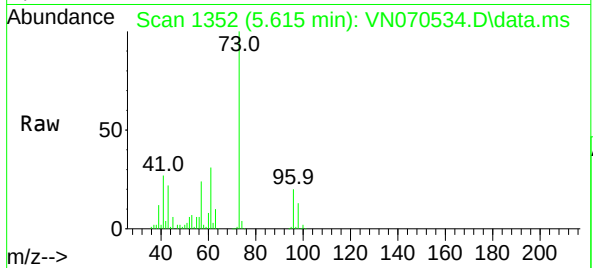
Tgt Ion: 43 Resp: 1278232
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 52.668 ug/l
RT: 5.615 min Scan# 1152
Delta R.T. -0.001 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

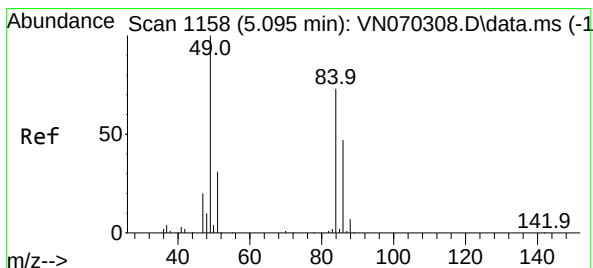
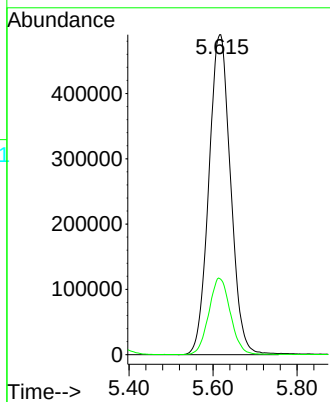
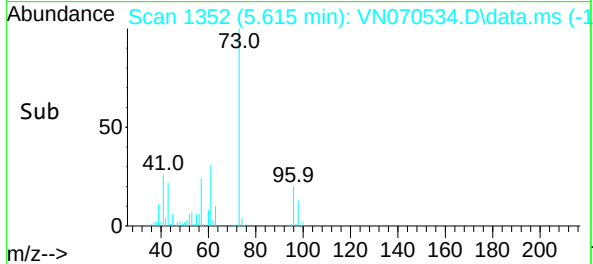
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



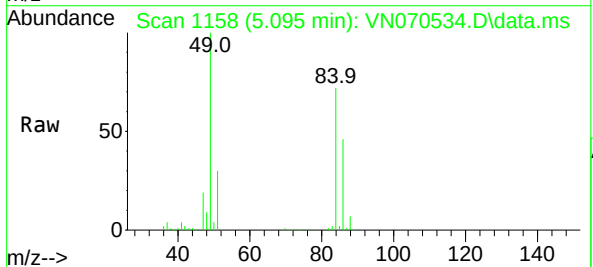
Tgt Ion: 73 Resp: 176176
Ion Ratio Lower Upper
73 100
57 23.8 16.8 25.2

Manual Integrations
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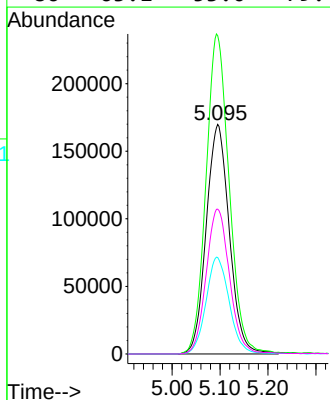
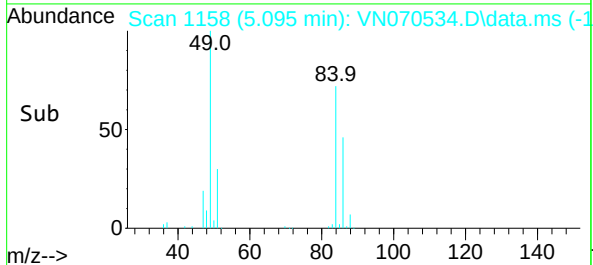
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

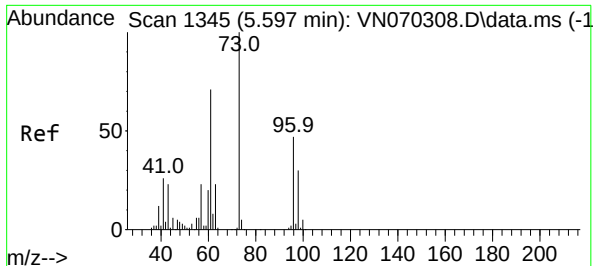


#20
Methylene Chloride
Concen: 49.950 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



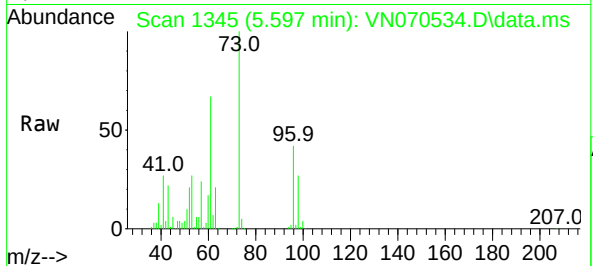
Tgt Ion: 84 Resp: 570482
Ion Ratio Lower Upper
84 100
49 138.7 93.5 140.3
51 42.0 29.4 44.2
86 63.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.784 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

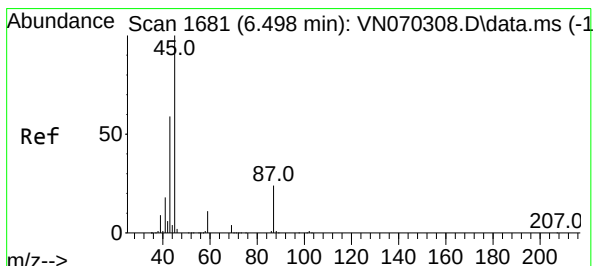
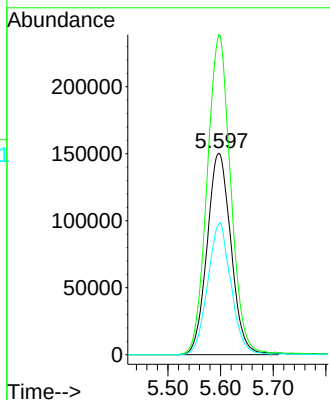
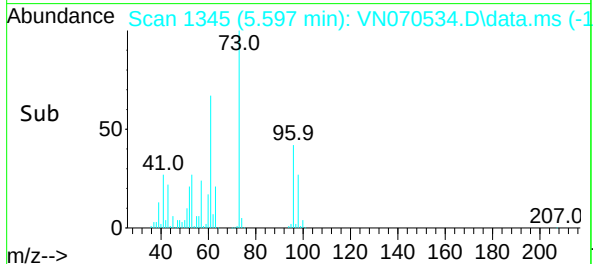
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



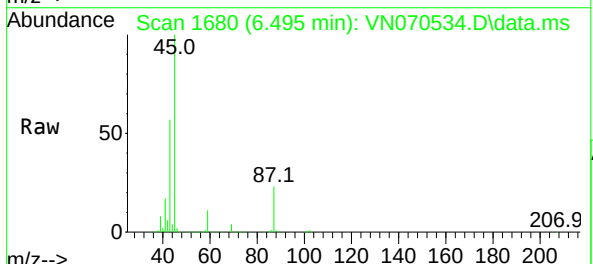
Tgt Ion: 96 Resp: 474784
Ion Ratio Lower Upper
96 100
61 158.8 105.8 158.6
98 64.9 52.0 78.0

Manual Integrations
APPROVED

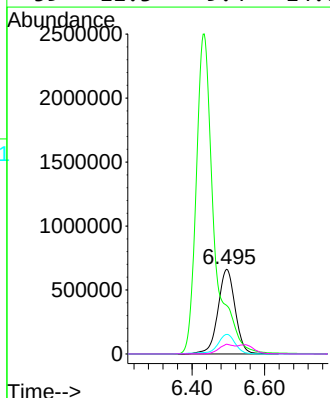
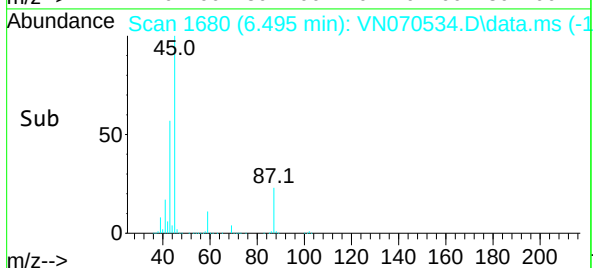
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

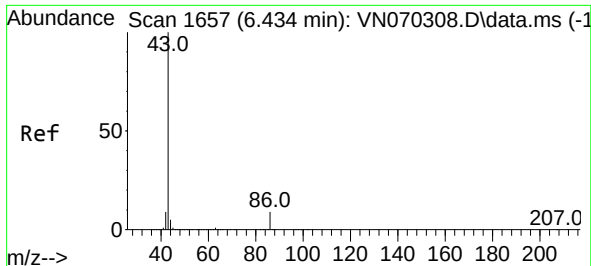


#22
Diisopropyl ether
Concen: 54.944 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



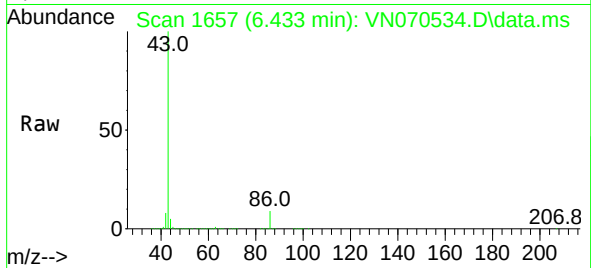
Tgt Ion: 45 Resp: 2185474
Ion Ratio Lower Upper
45 100
43 57.2 51.7 77.5
87 23.1 23.2 34.8#
59 11.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 274.513 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN070534.D
 Acq: 6 Jan 2022 21:31

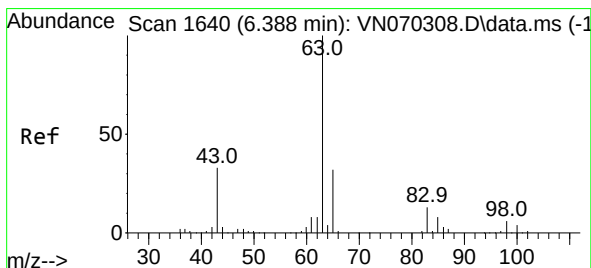
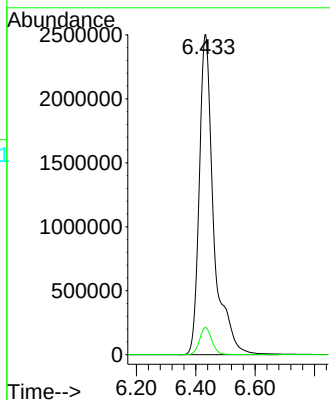
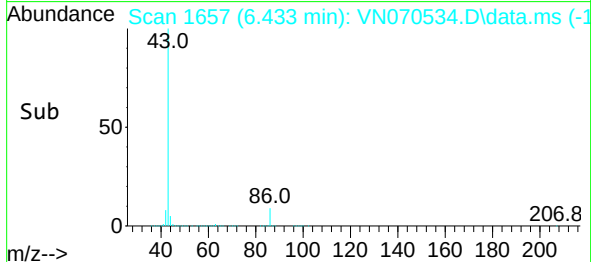
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 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



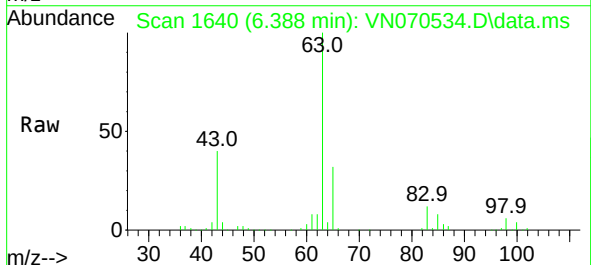
Tgt Ion: 43 Resp: 847186
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations
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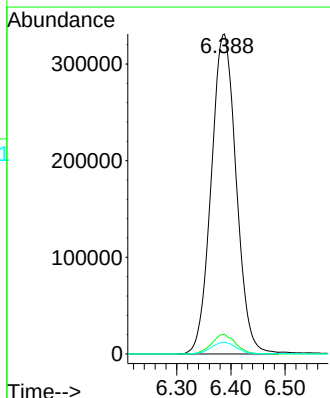
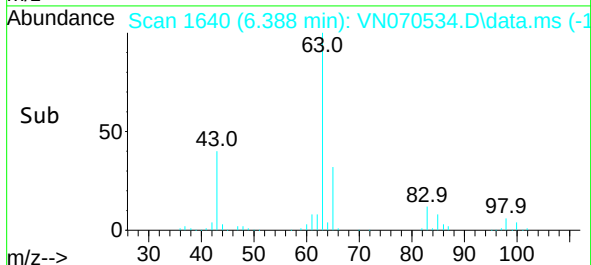
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/11/2022

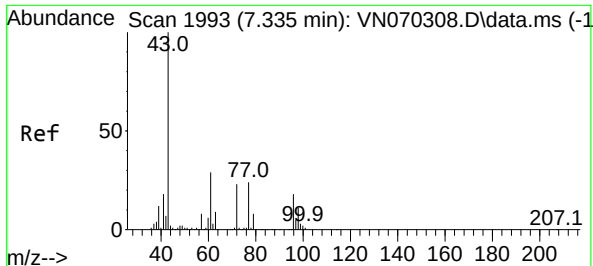


#24
 1,1-Dichloroethane
 Concen: 51.443 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN070534.D
 Acq: 6 Jan 2022 21:31



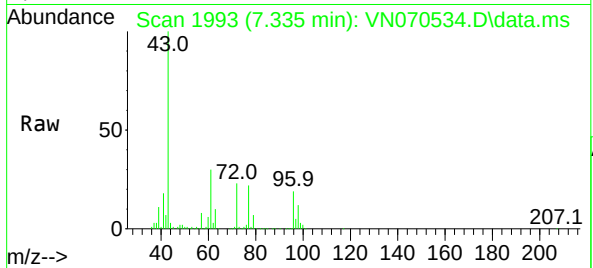
Tgt Ion: 63 Resp: 1060991
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.6 2.1 6.5





#25
2-Butanone
Concen: 243.286 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

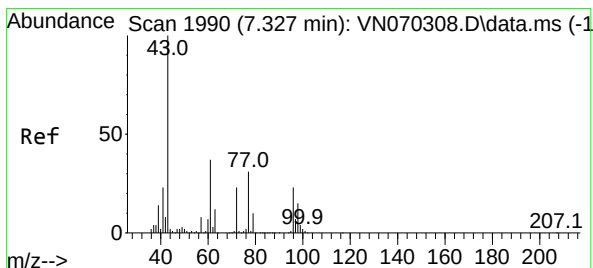
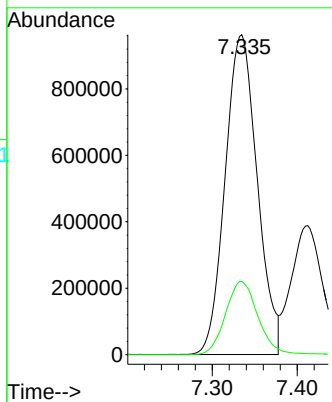
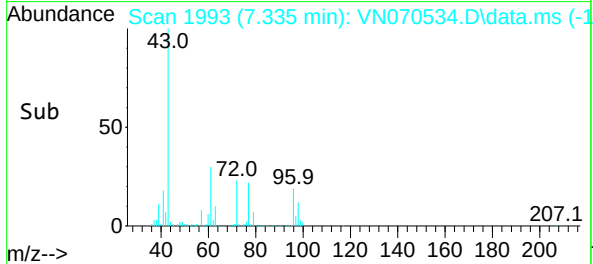
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



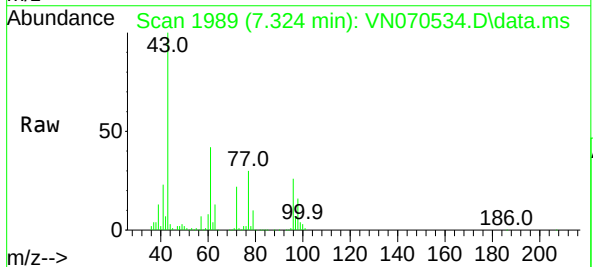
Tgt Ion: 43 Resp: 252866
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5

Manual Integrations
APPROVED

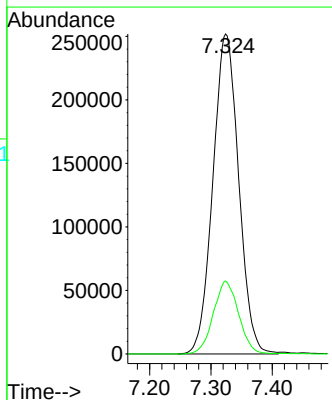
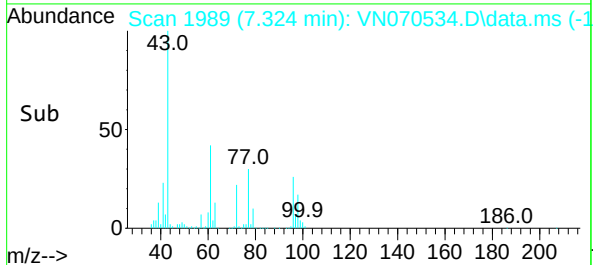
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

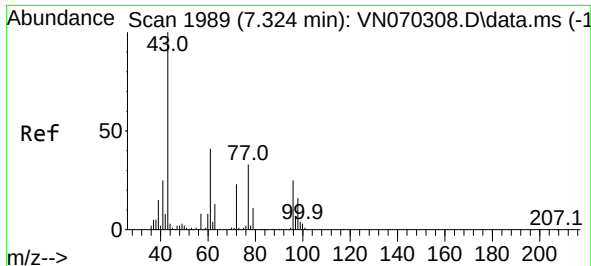


#26
2,2-Dichloropropane
Concen: 45.200 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



Tgt Ion: 77 Resp: 735428
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.794 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070534.D

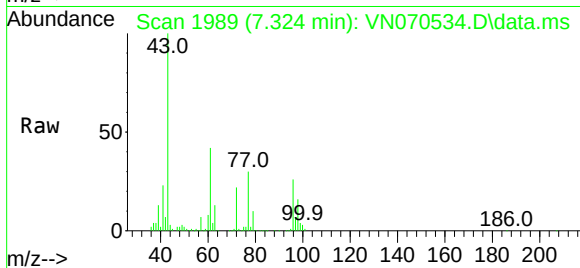
Acq: 6 Jan 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



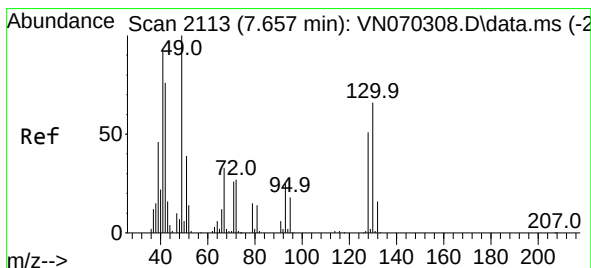
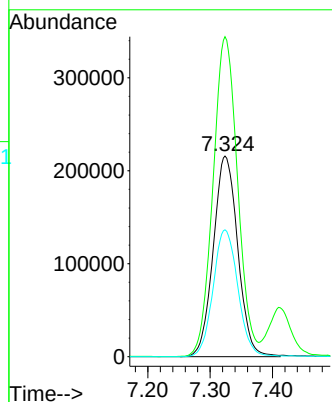
Tgt Ion:	96	Resp:	589398
Ion Ratio	Lower	Upper	
96	100		
61	159.6	0.0	275.0
98	64.0	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#28

Bromochloromethane

Concen: 56.693 ug/l

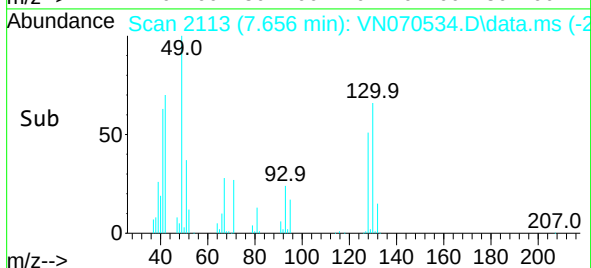
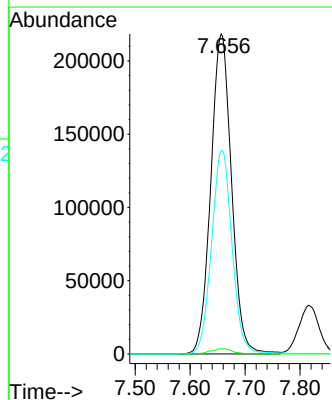
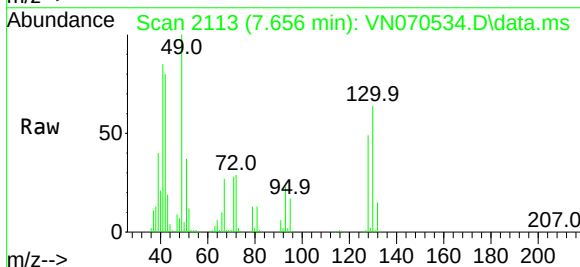
RT: 7.656 min Scan# 2113

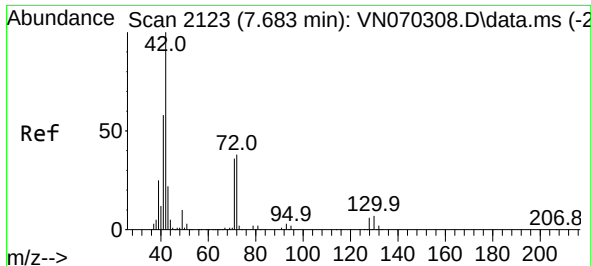
Delta R.T. -0.001 min

Lab File: VN070534.D

Acq: 6 Jan 2022 21:31

Tgt Ion:	49	Resp:	571836
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	4.0
130	62.7	67.8	101.8





#29

Tetrahydrofuran

Concen: 274.475 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070534.D

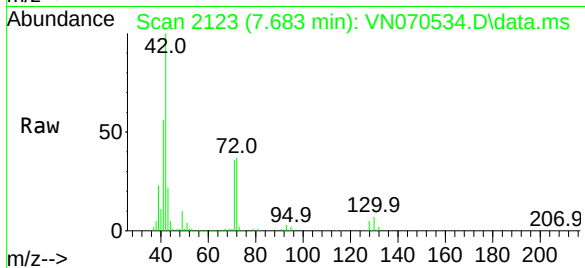
Acq: 6 Jan 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 1702098

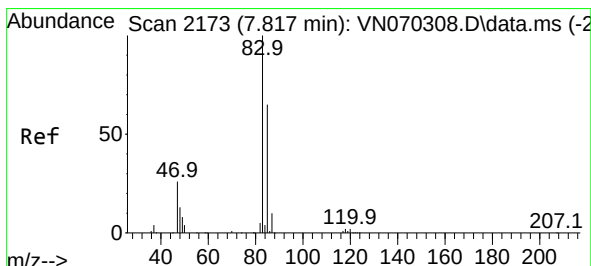
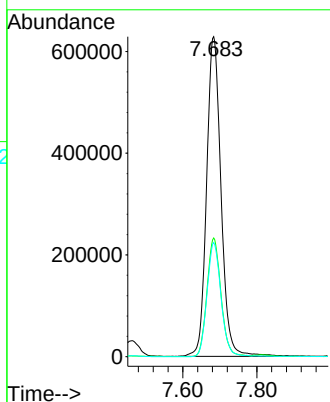
Ion	Ratio	Lower	Upper
42	100		
72	36.0	36.3	54.5
71	34.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#30

Chloroform

Concen: 50.270 ug/l

RT: 7.817 min Scan# 2173

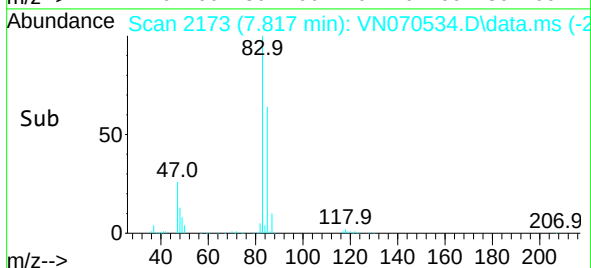
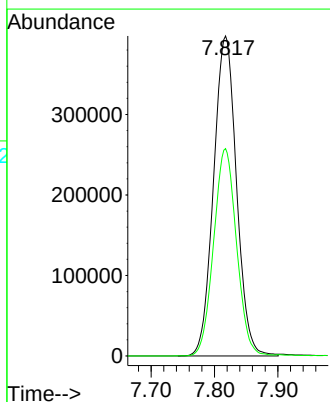
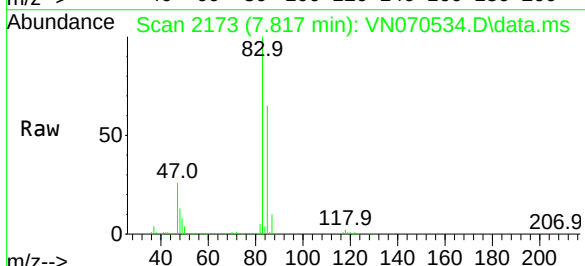
Delta R.T. 0.000 min

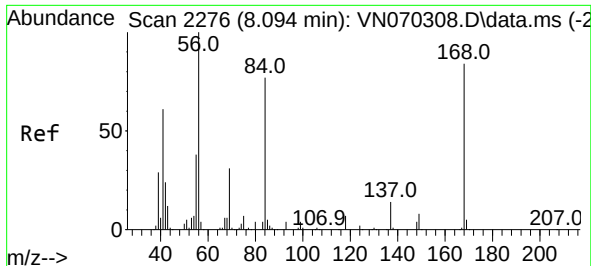
Lab File: VN070534.D

Acq: 6 Jan 2022 21:31

Tgt Ion: 83 Resp: 1000229

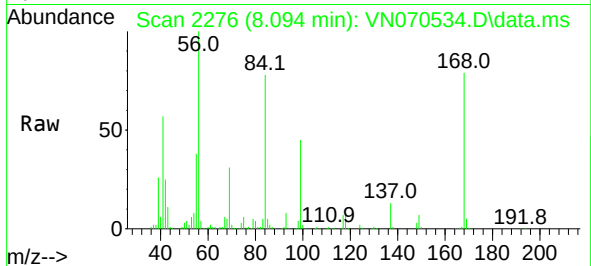
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9





#31
Cyclohexane
Concen: 50.197 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

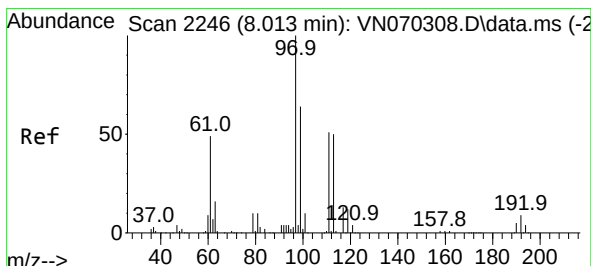
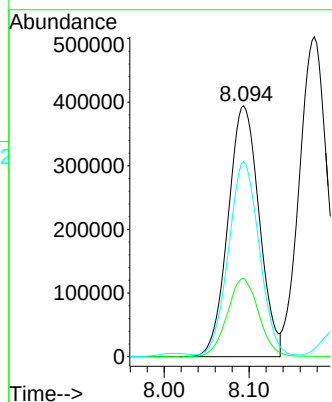
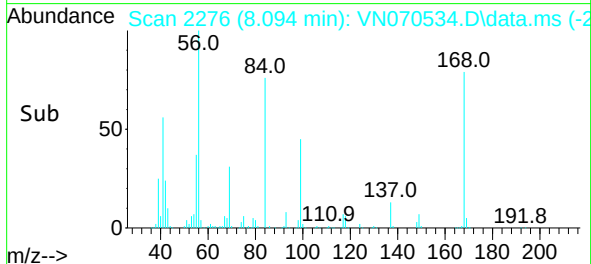
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



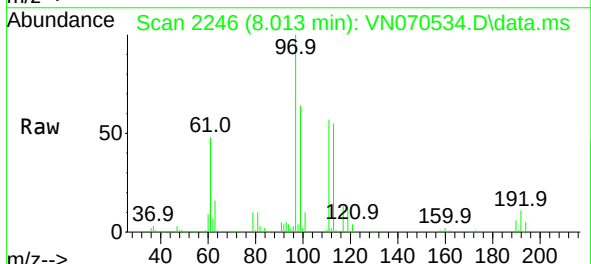
Tgt Ion: 56 Resp: 100728
Ion Ratio Lower Upper
56 100
69 31.2 27.1 40.7
84 76.6 73.4 110.0

Manual Integrations
APPROVED

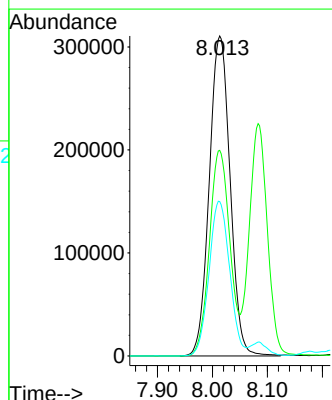
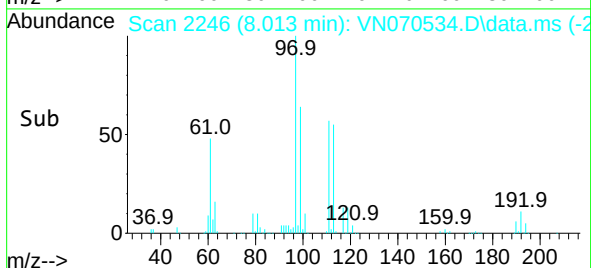
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

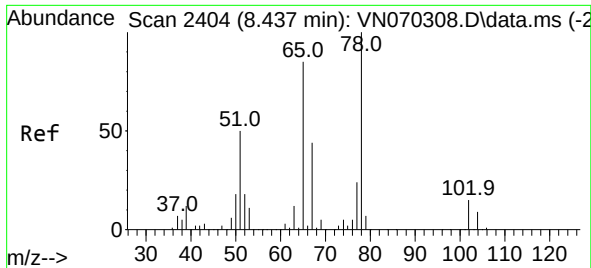


#32
1,1,1-Trichloroethane
Concen: 48.715 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



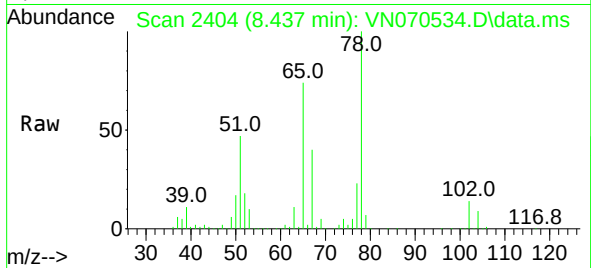
Tgt Ion: 97 Resp: 817275
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 48.1 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 48.778 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. -0.000 min
 Lab File: VN070534.D
 Acq: 6 Jan 2022 21:31

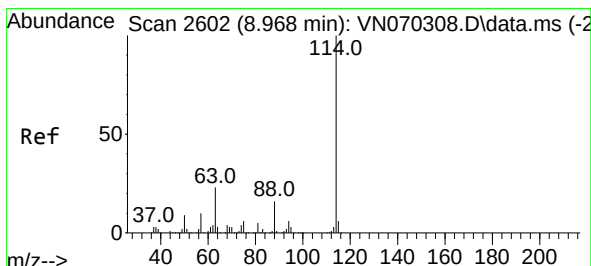
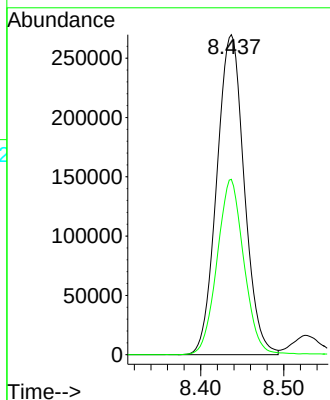
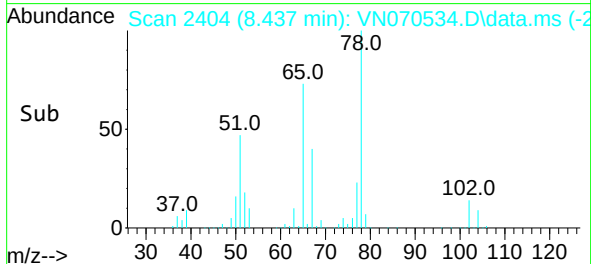
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



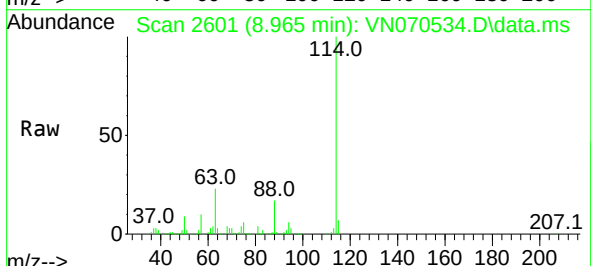
Tgt Ion: 65 Resp: 620269
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0

Manual Integrations
 APPROVED

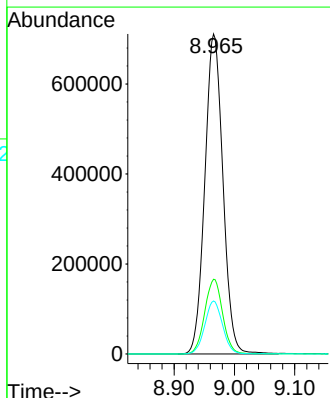
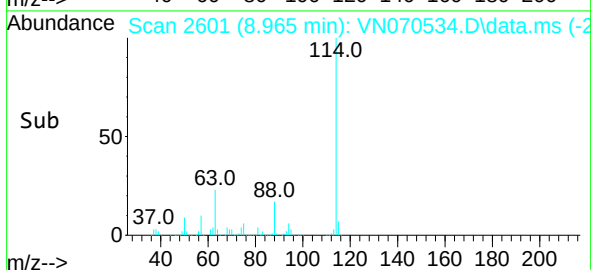
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/11/2022

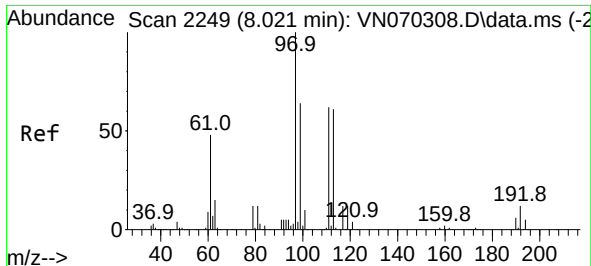


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN070534.D
 Acq: 6 Jan 2022 21:31



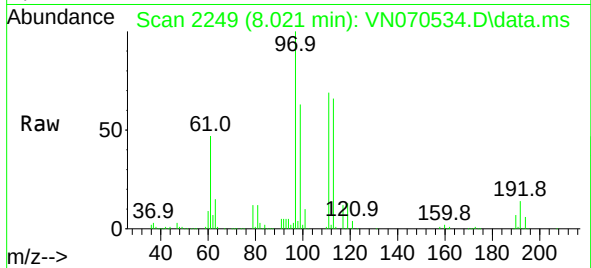
Tgt Ion:114 Resp: 1483873
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.357 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

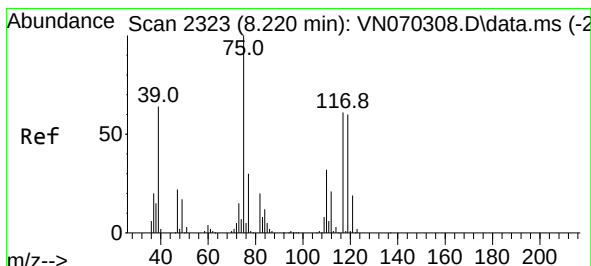
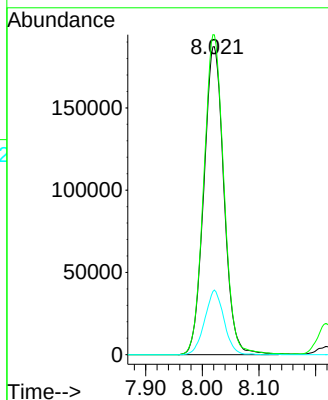
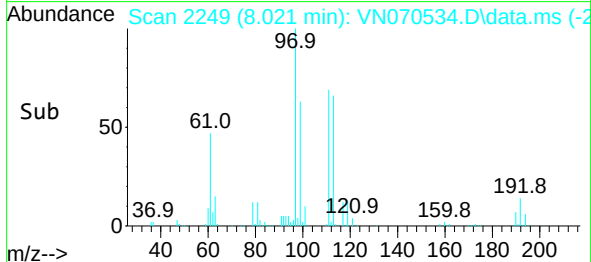
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 46109
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 20.0 16.9 25.3

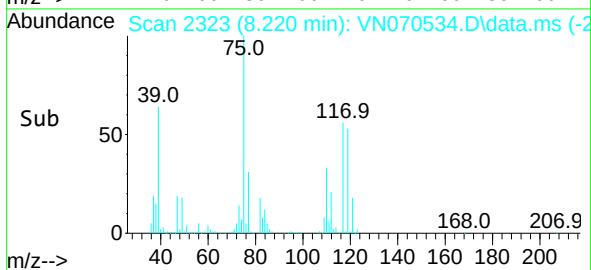
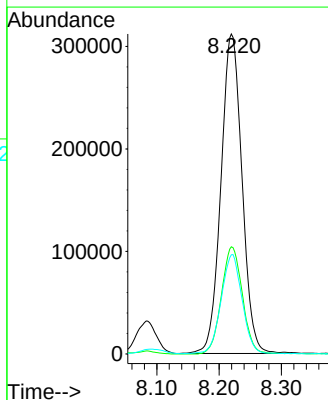
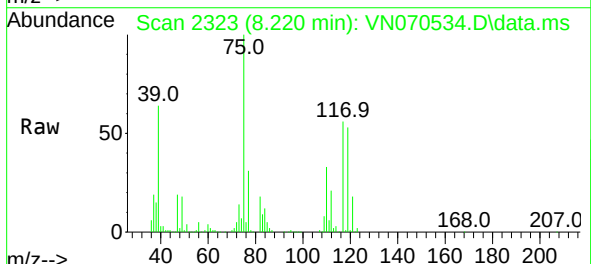
Manual Integrations
APPROVED

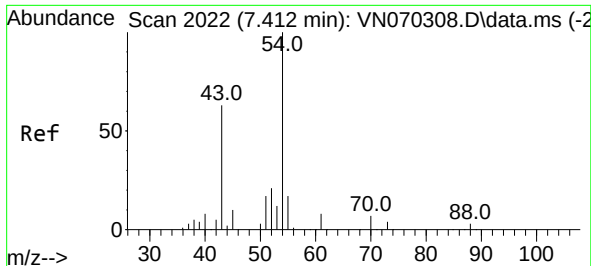
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#36
1,1-Dichloropropene
Concen: 49.310 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

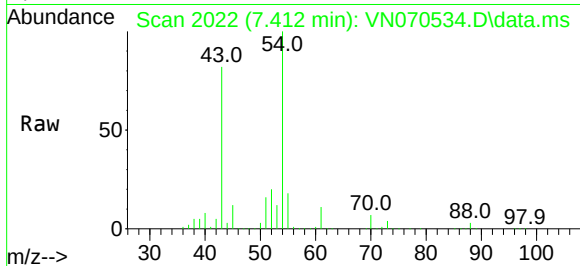
Tgt Ion: 75 Resp: 732372
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 52.238 ug/l
RT: 7.412 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

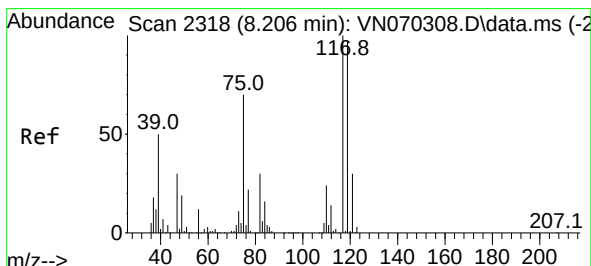
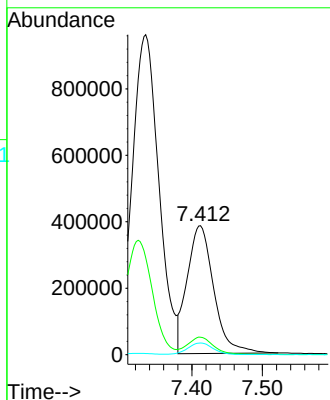
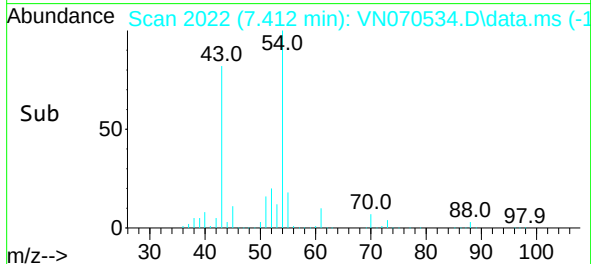
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 100567
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 8.7 7.9 11.9

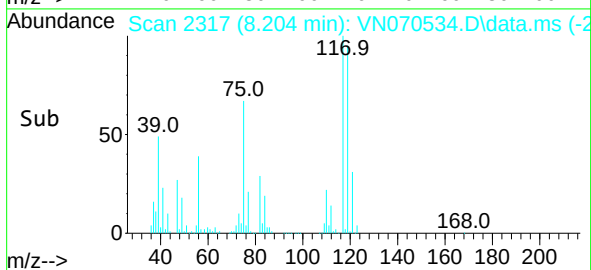
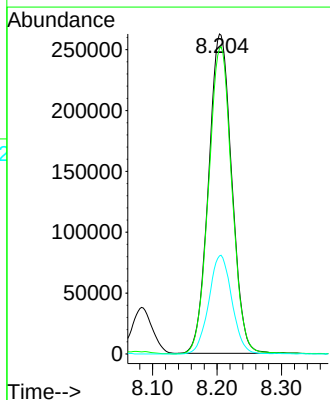
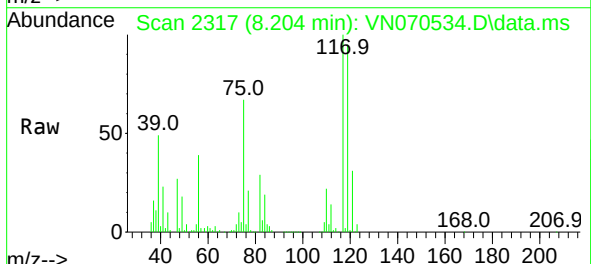
Manual Integrations
APPROVED

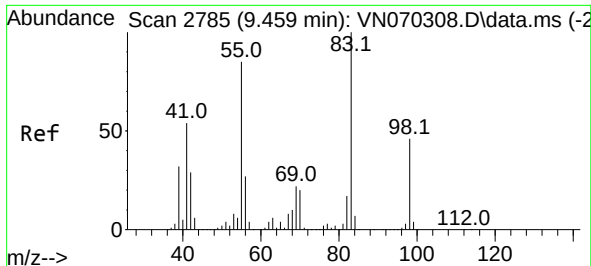
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#38
Carbon Tetrachloride
Concen: 46.302 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

Tgt Ion:117 Resp: 656671
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 50.055 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070534.D

Acq: 6 Jan 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 900039

Ion Ratio Lower Upper

83 100

55 84.7 58.1 87.1

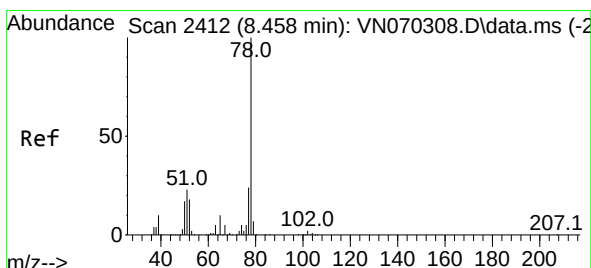
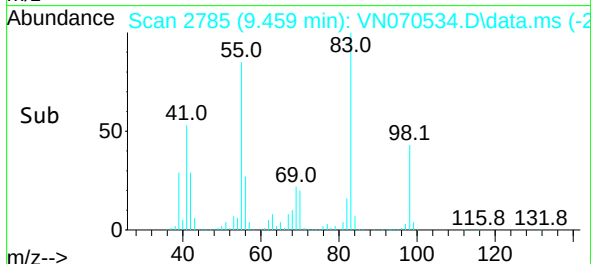
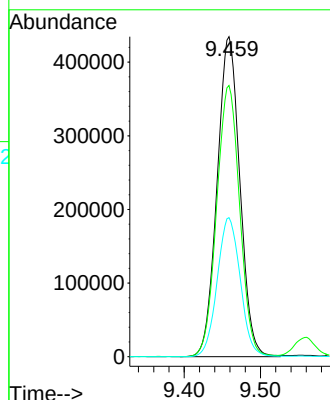
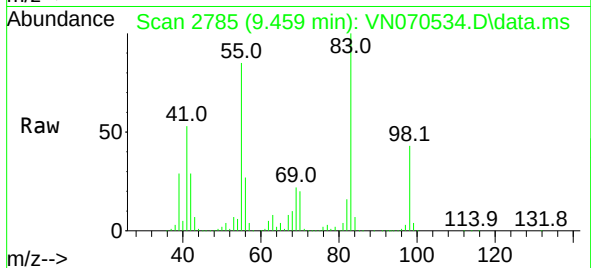
98 43.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#40

Benzene

Concen: 51.542 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. 0.000 min

Lab File: VN070534.D

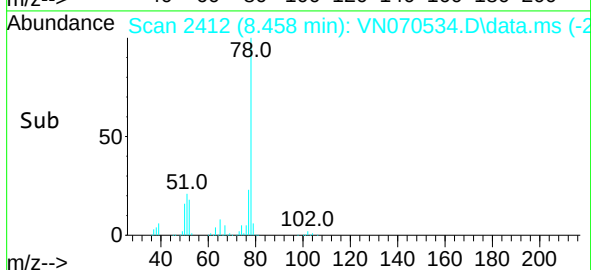
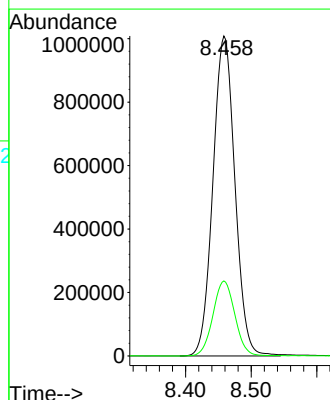
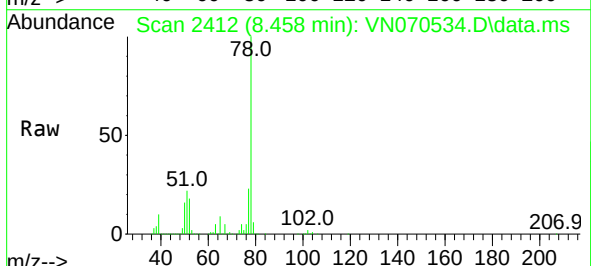
Acq: 6 Jan 2022 21:31

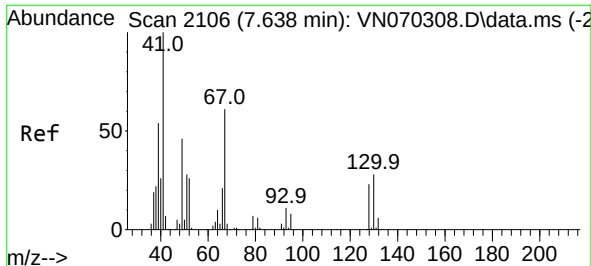
Tgt Ion: 78 Resp: 2346895

Ion Ratio Lower Upper

78 100

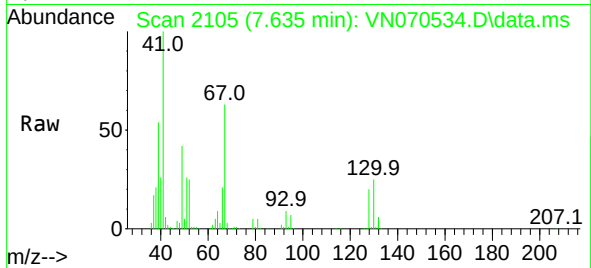
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 56.418 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

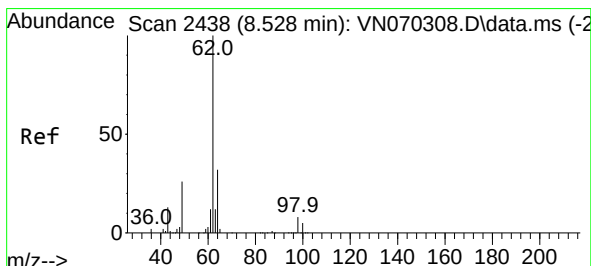
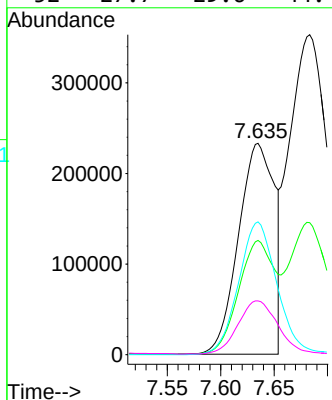
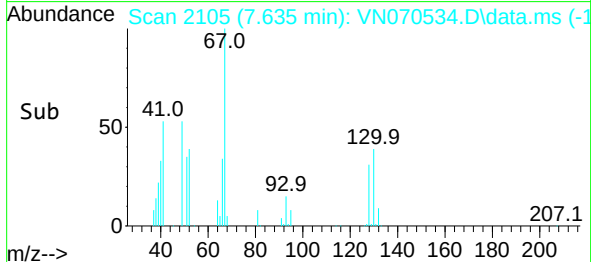
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 54326
Ion Ratio Lower Upper
41 100
39 55.5 48.1 72.1
67 67.8 68.3 102.5
52 27.7 29.6 44.4

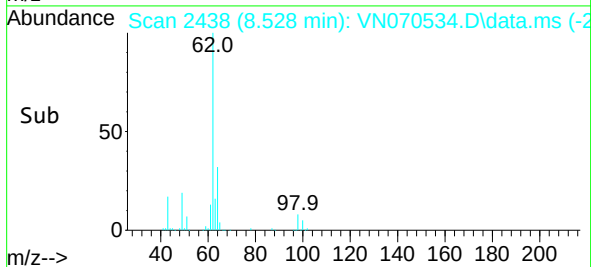
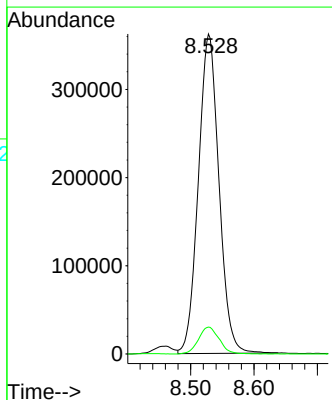
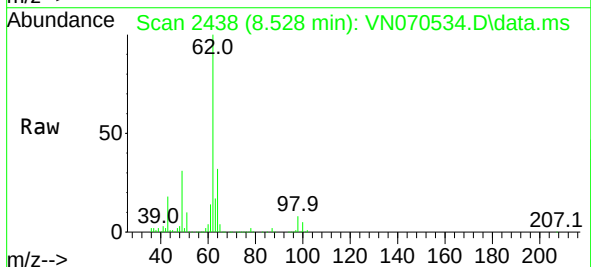
Manual Integrations
APPROVED

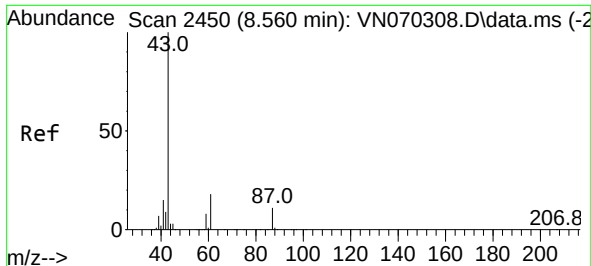
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#42
1,2-Dichloroethane
Concen: 47.807 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

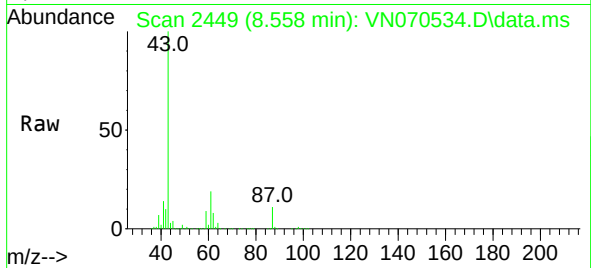
Tgt Ion: 62 Resp: 818223
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.888 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

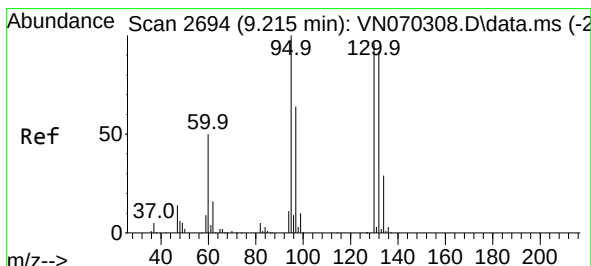
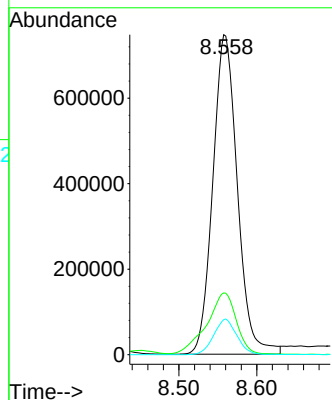
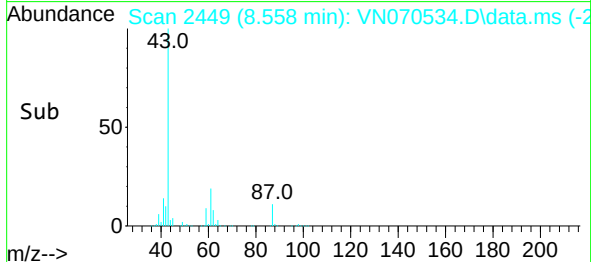
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 163564
Ion Ratio Lower Upper
43 100
61 23.3 20.4 30.6
87 10.5 11.2 16.8

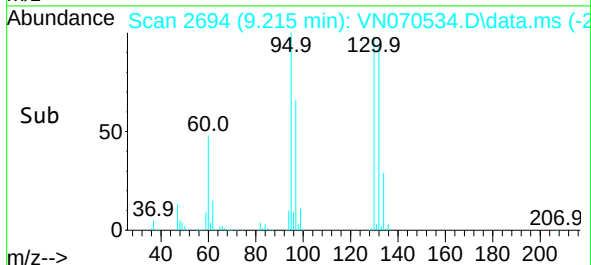
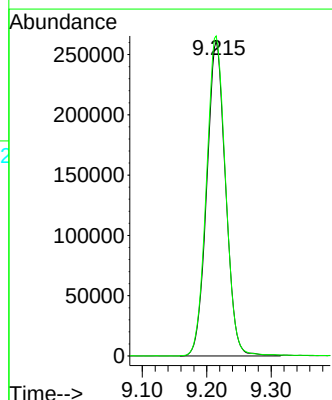
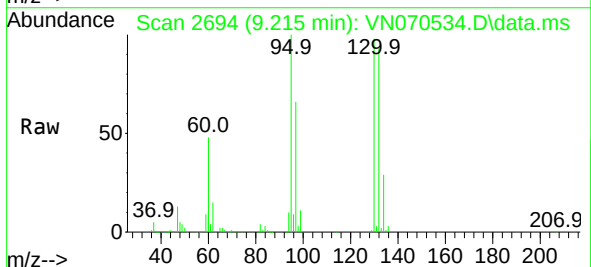
Manual Integrations
APPROVED

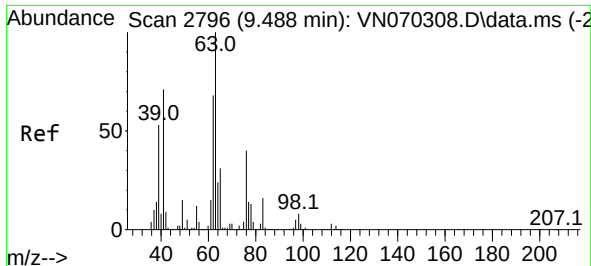
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#44
Trichloroethene
Concen: 48.971 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

Tgt Ion:130 Resp: 529833
Ion Ratio Lower Upper
130 100
95 101.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.056 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070534.D

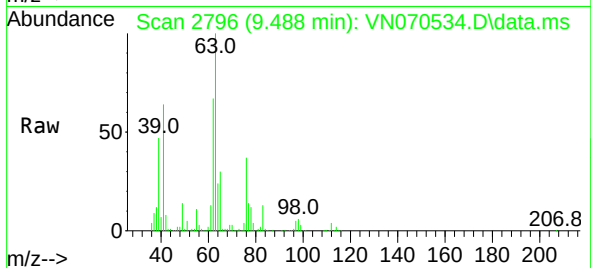
Acq: 6 Jan 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 66271

Ion Ratio Lower Upper

63 100

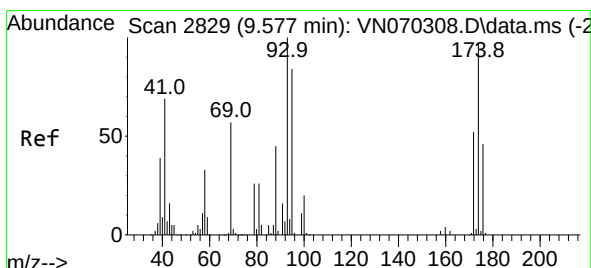
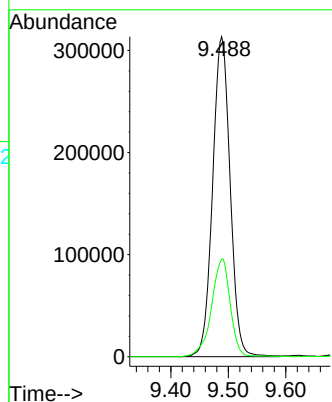
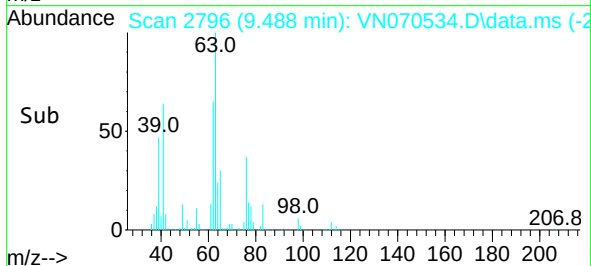
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#46

Dibromomethane

Concen: 50.315 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070534.D

Acq: 6 Jan 2022 21:31

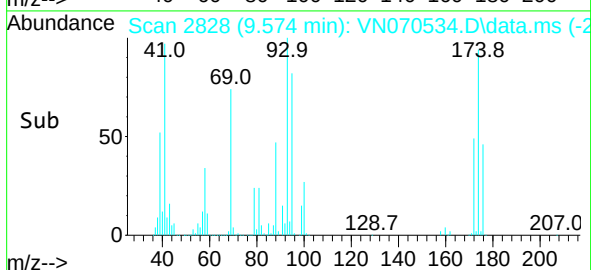
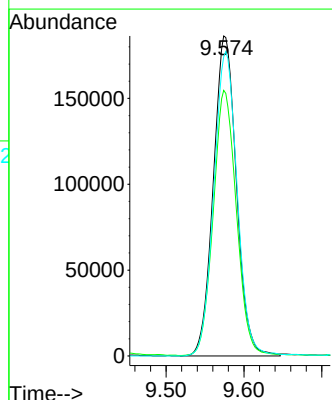
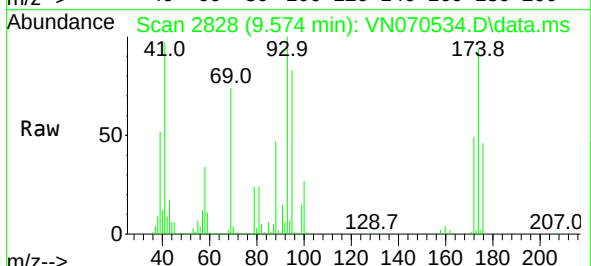
Tgt Ion: 93 Resp: 383569

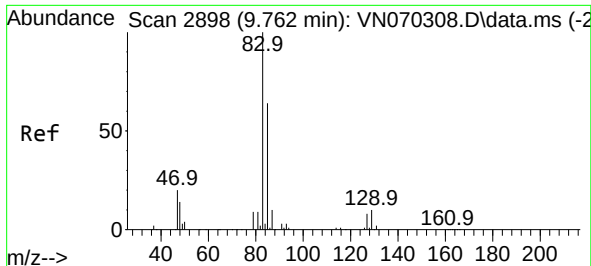
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

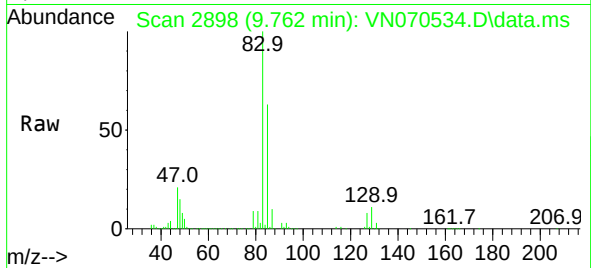
174 95.7 84.6 127.0





#47
Bromodichloromethane
Concen: 50.954 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

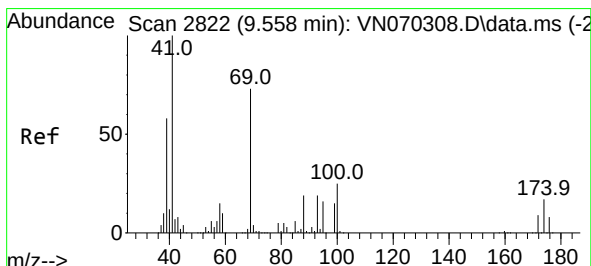
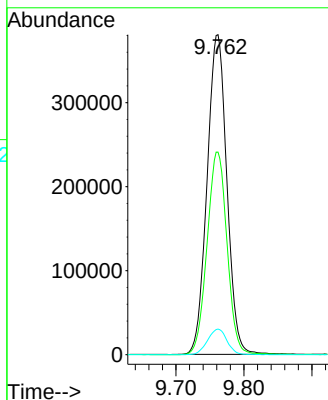
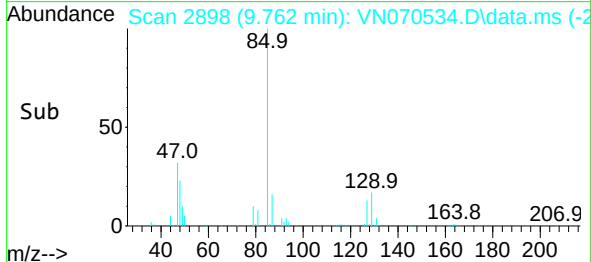
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 771295
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.0 7.1 10.7

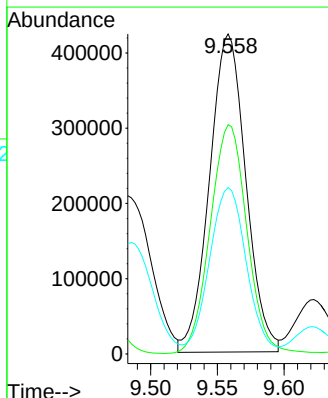
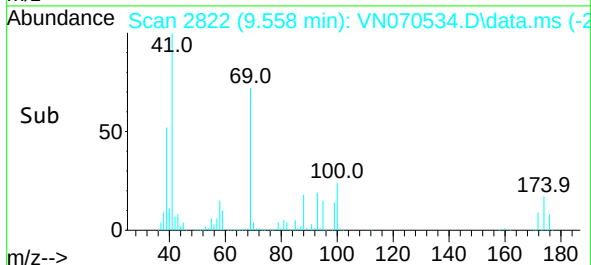
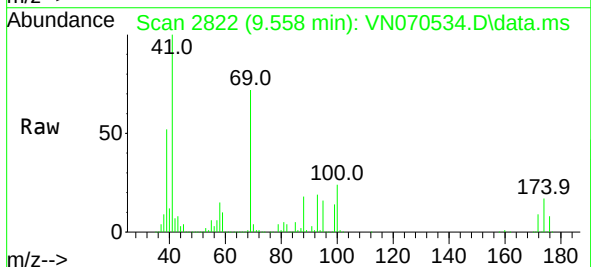
Manual Integrations
APPROVED

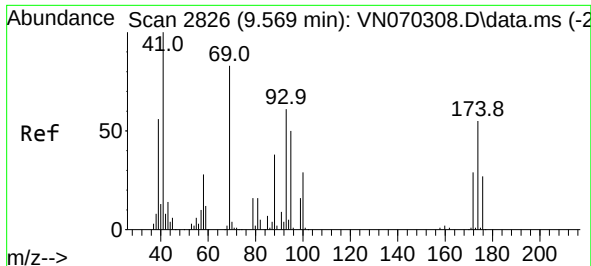
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#48
Methyl methacrylate
Concen: 55.316 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

Tgt Ion: 41 Resp: 800854
Ion Ratio Lower Upper
41 100
69 72.8 72.4 108.6
39 52.8 58.4 87.6#





#49

1,4-Dioxane

Concen: 992.816 ug/l

RT: 9.566 min Scan# 210408

Delta R.T. -0.003 min

Lab File: VN070534.D

Acq: 6 Jan 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 210408

Ion Ratio Lower Upper

88 100

43 35.2 23.4 35.2

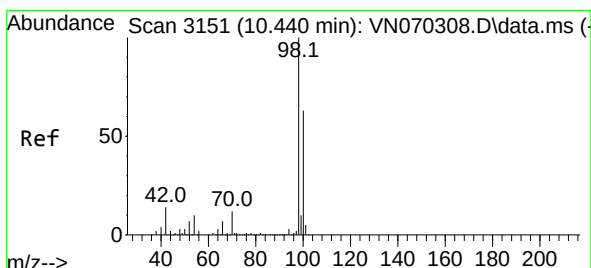
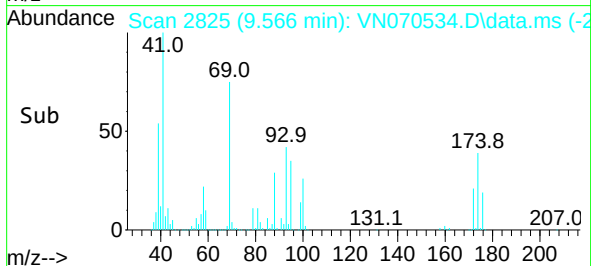
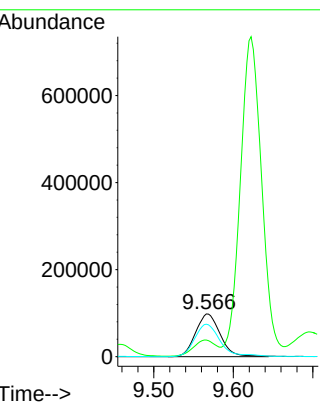
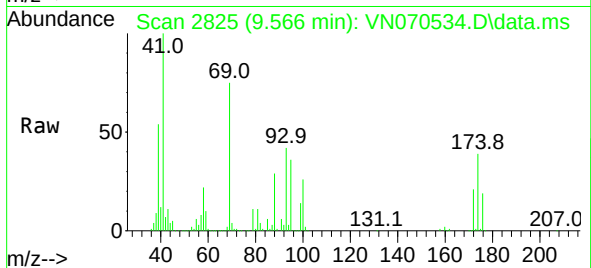
58 76.9 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#50

Toluene-d8

Concen: 51.454 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070534.D

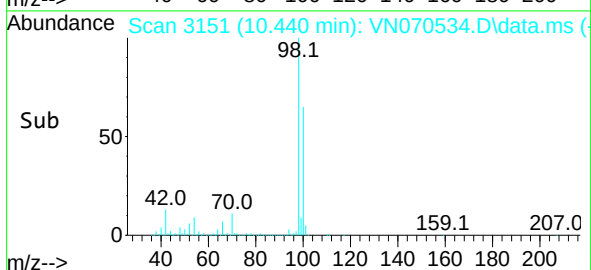
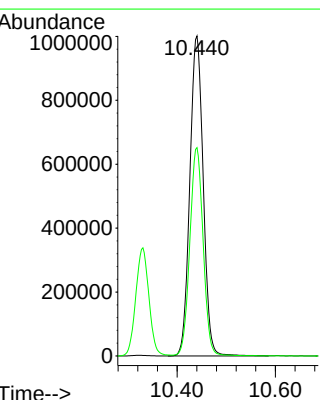
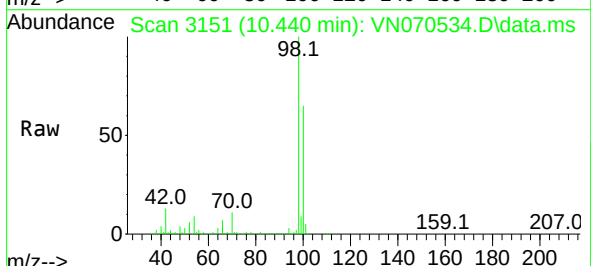
Acq: 6 Jan 2022 21:31

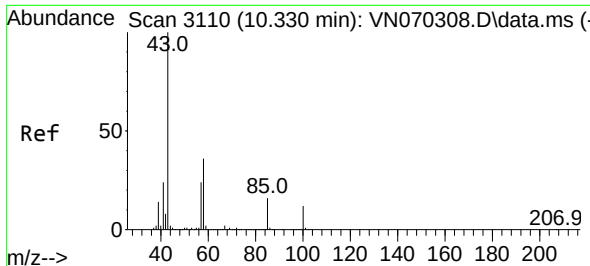
Tgt Ion: 98 Resp: 1887167

Ion Ratio Lower Upper

98 100

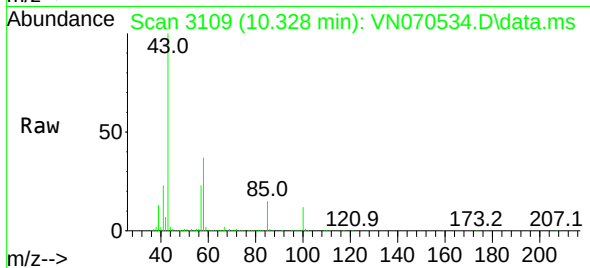
100 64.7 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 273.099 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

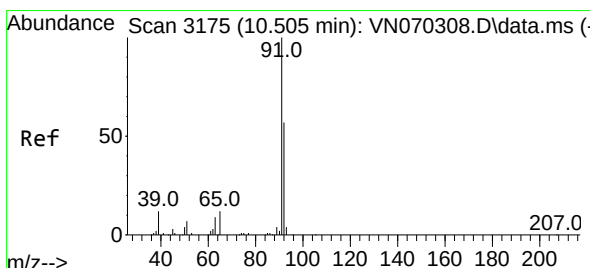
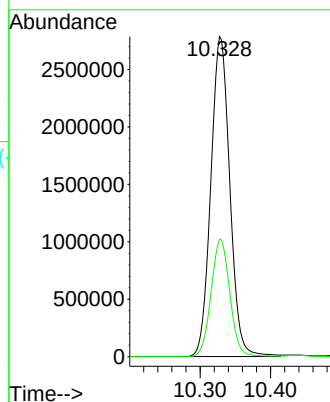
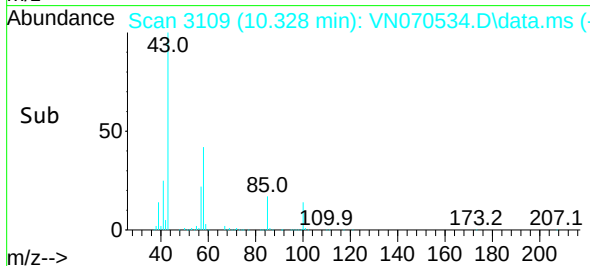
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 520864
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6

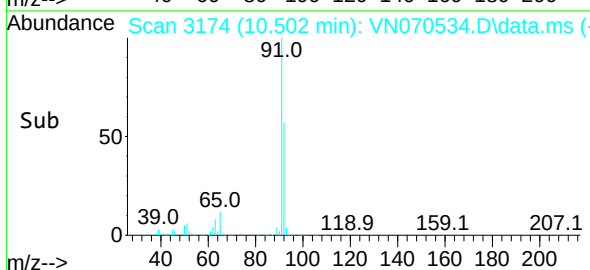
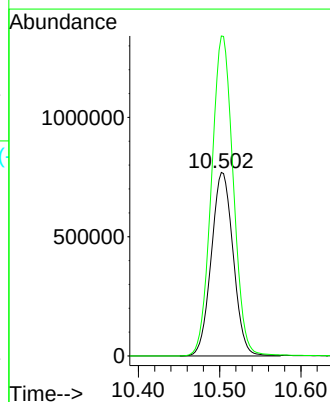
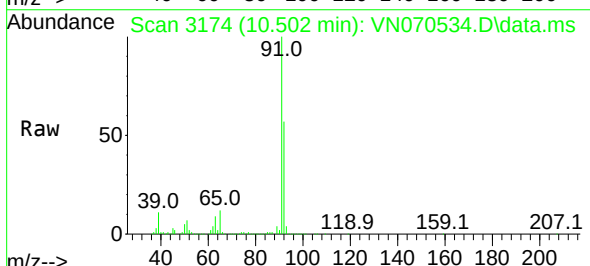
Manual Integrations
APPROVED

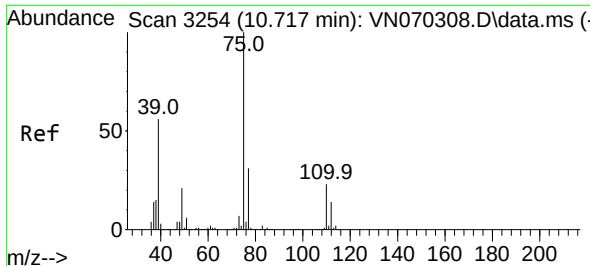
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#52
Toluene
Concen: 52.131 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

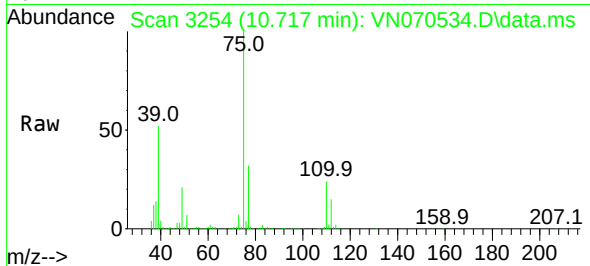
Tgt Ion: 92 Resp: 1436808
Ion Ratio Lower Upper
92 100
91 174.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 51.823 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

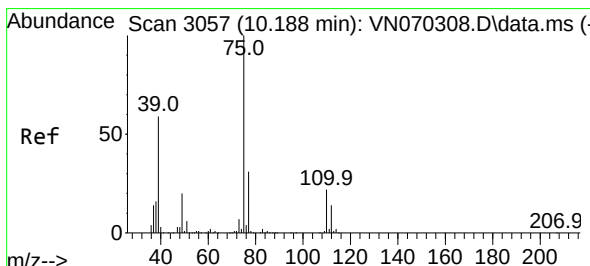
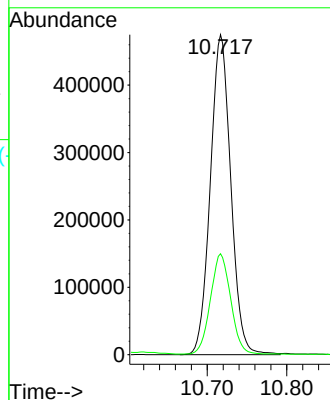
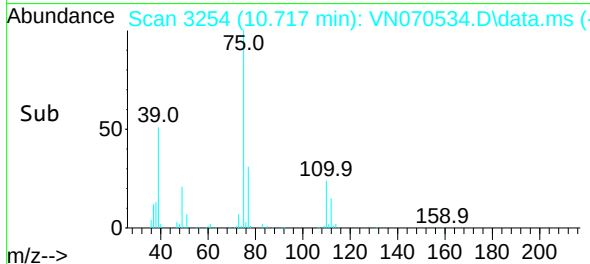
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



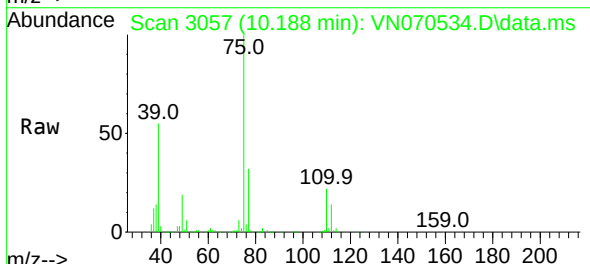
Tgt Ion: 75 Resp: 849230
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

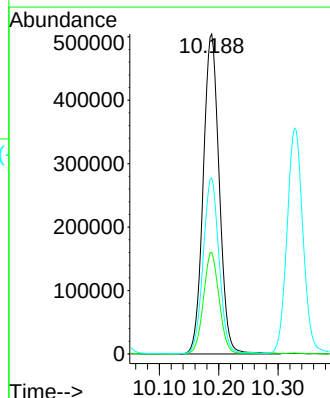
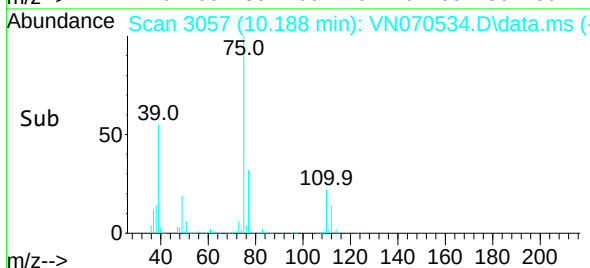
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

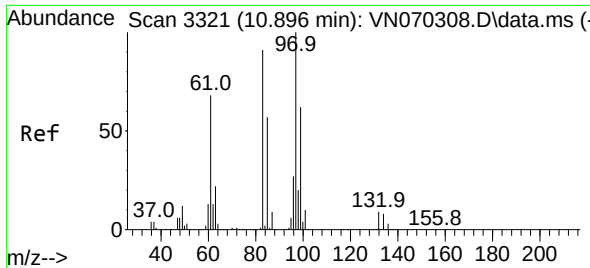


#54
cis-1,3-Dichloropropene
Concen: 53.357 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



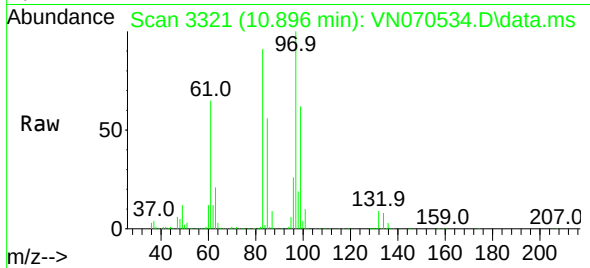
Tgt Ion: 75 Resp: 945847
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 54.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 52.396 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

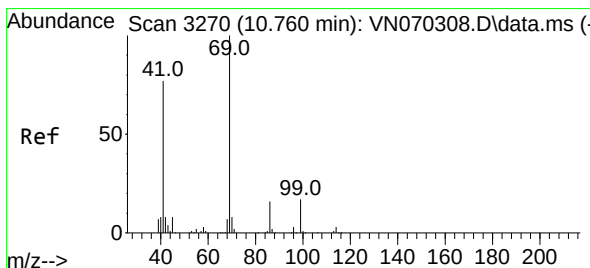
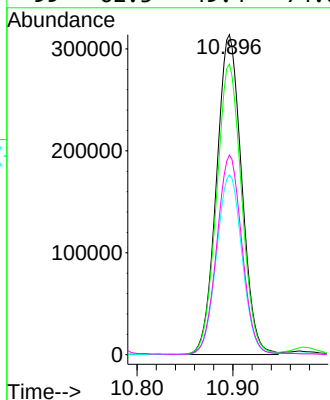
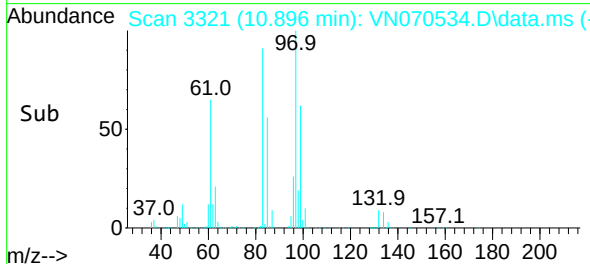


Tgt Ion: 97 Resp: 571372

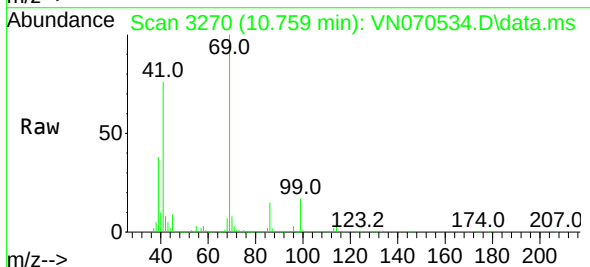
Ion	Ratio	Lower	Upper
97	100		
83	90.7	67.8	101.6
85	56.2	45.4	68.2
99	62.3	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

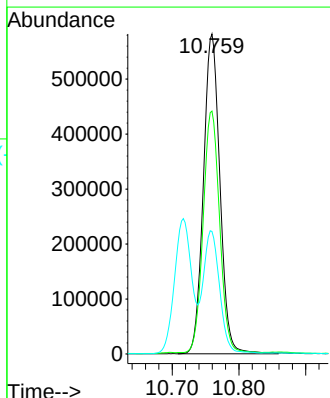
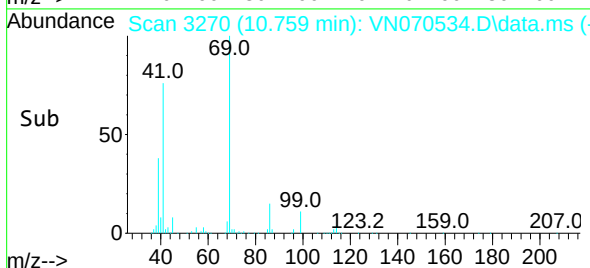


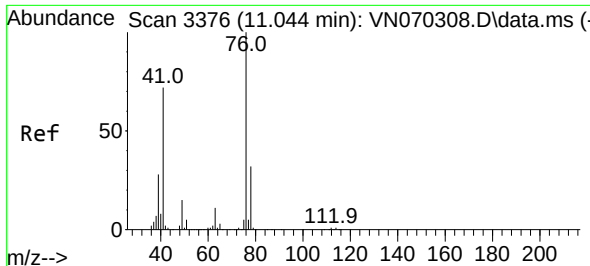
#56
Ethyl methacrylate
Concen: 55.500 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.001 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



Tgt Ion: 69 Resp: 1000030

Ion	Ratio	Lower	Upper
69	100		
41	74.9	51.4	77.0
39	37.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 53.378 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070534.D

Acq: 6 Jan 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 102954

Ion Ratio Lower Upper

76 100

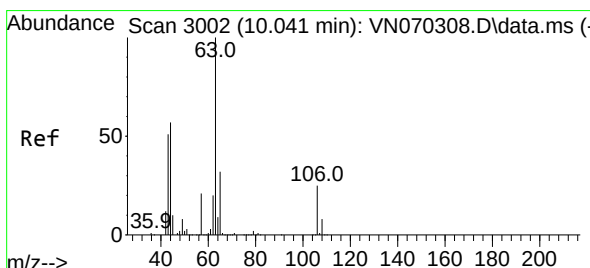
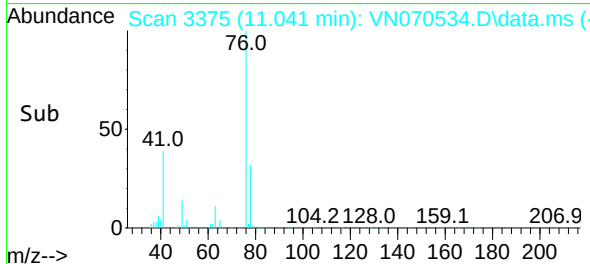
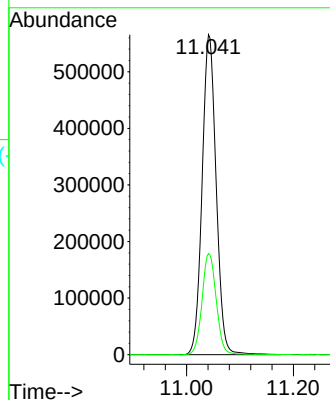
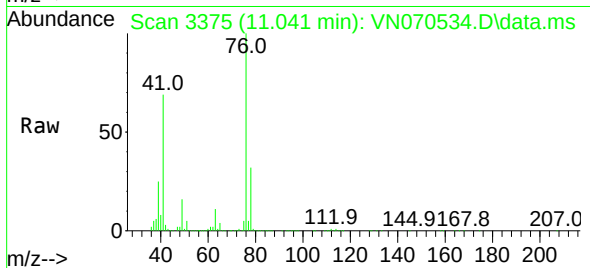
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 260.077 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070534.D

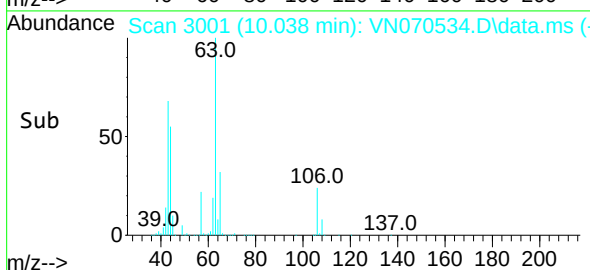
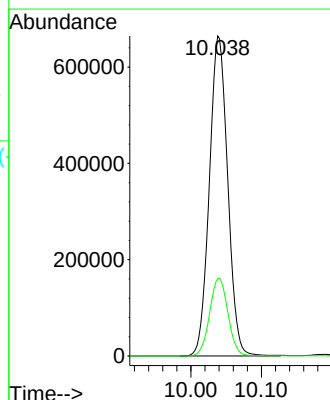
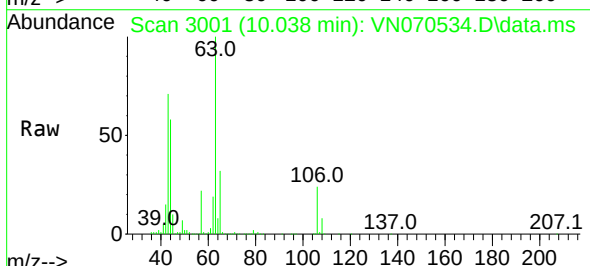
Acq: 6 Jan 2022 21:31

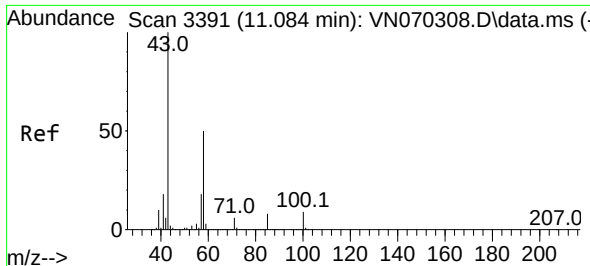
Tgt Ion: 63 Resp: 1200710

Ion Ratio Lower Upper

63 100

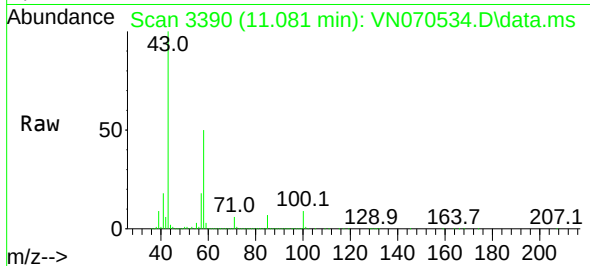
106 24.3 23.9 35.9





#59
2-Hexanone
Concen: 266.877 ug/l
RT: 11.081 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

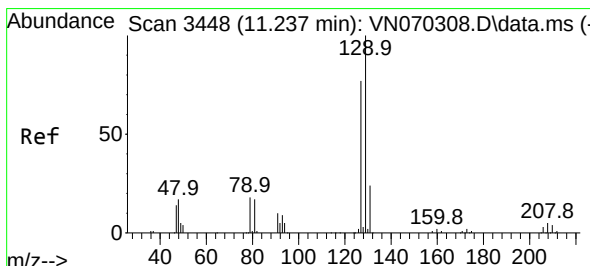
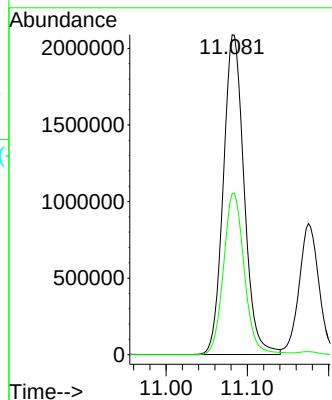
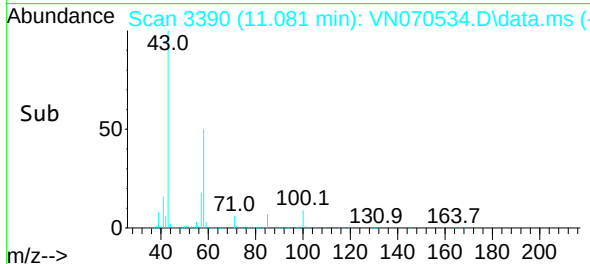
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 371185
Ion Ratio Lower Upper
43 100
58 50.7 26.9 80.7

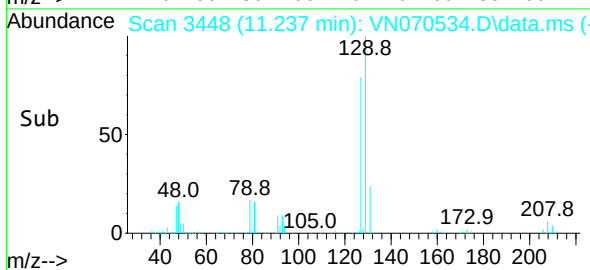
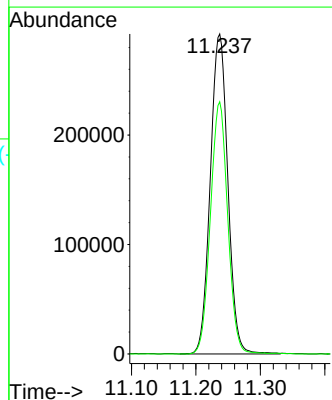
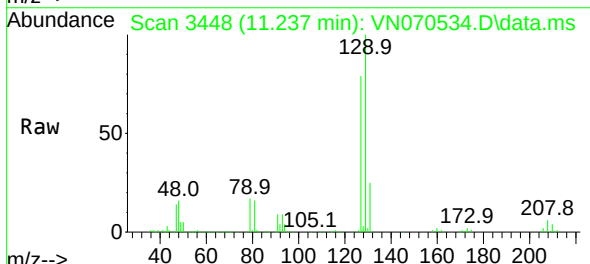
Manual Integrations
APPROVED

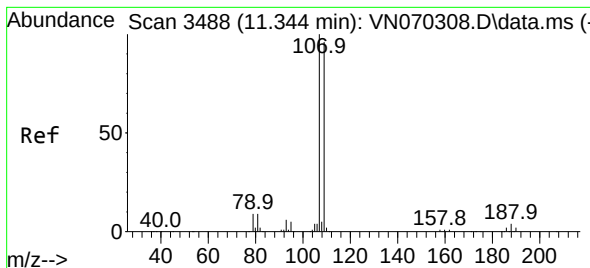
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#60
Dibromochloromethane
Concen: 52.013 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

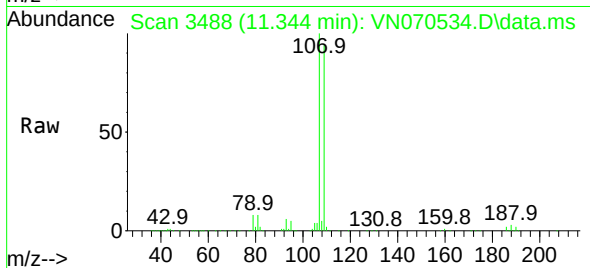
Tgt Ion:129 Resp: 553400
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.026 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

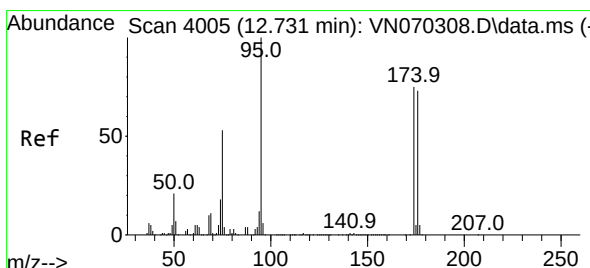
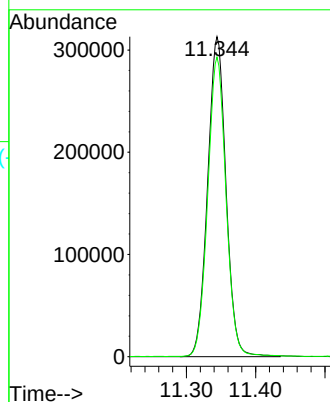
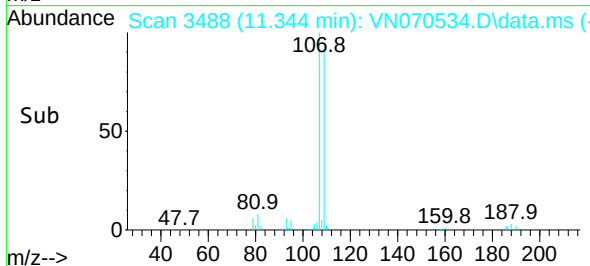
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



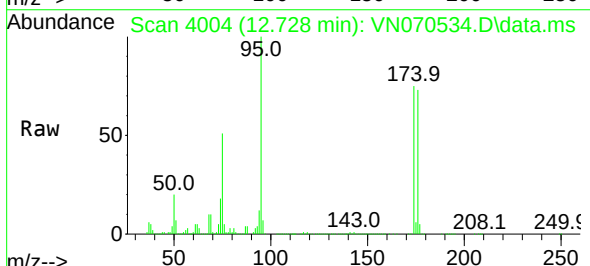
Tgt Ion:107 Resp: 576062
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5

Manual Integrations
APPROVED

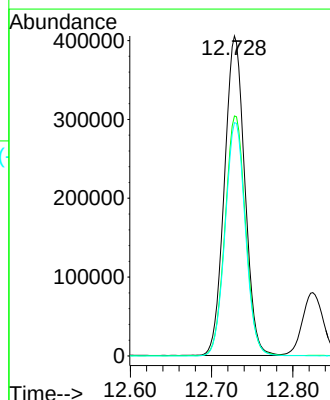
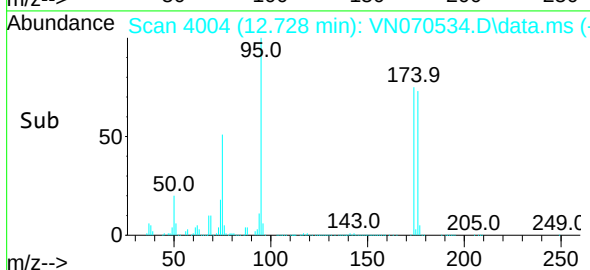
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

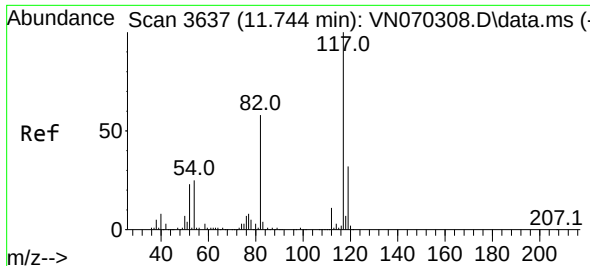


#62
4-Bromofluorobenzene
Concen: 53.065 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



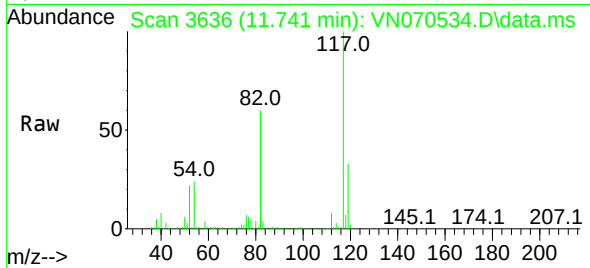
Tgt Ion: 95 Resp: 702941
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

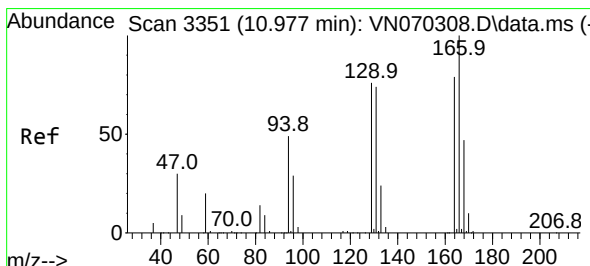
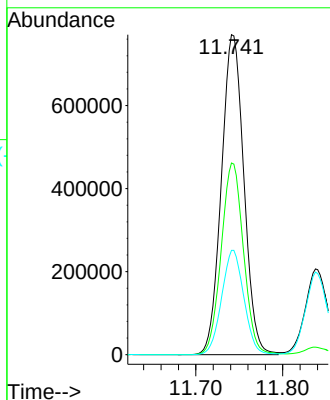
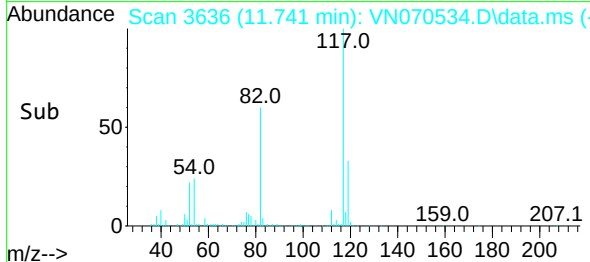
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 138627
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.6 25.4 38.2

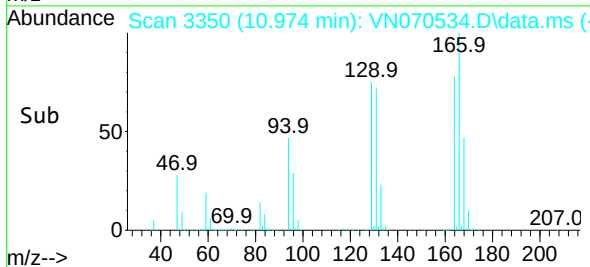
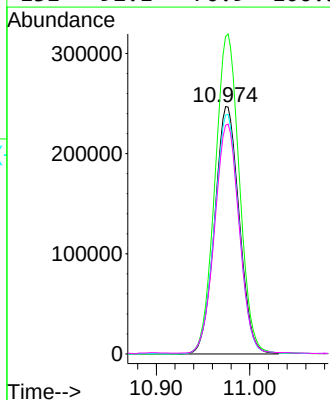
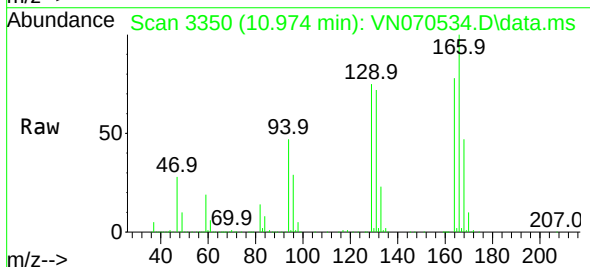
Manual Integrations
APPROVED

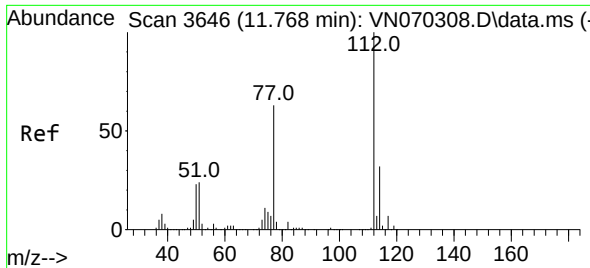
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#64
Tetrachloroethene
Concen: 44.913 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

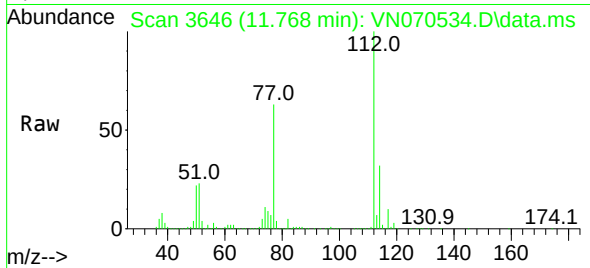
Tgt Ion:164 Resp: 450861
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 96.5 72.0 108.0
131 92.1 70.9 106.3





#65
Chlorobenzene
Concen: 50.986 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

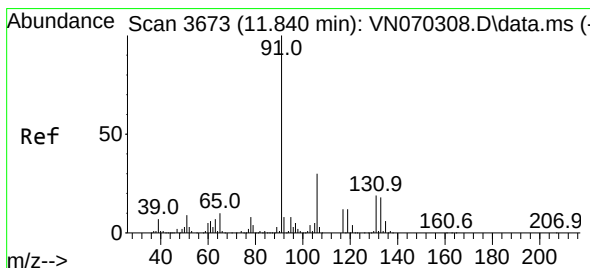
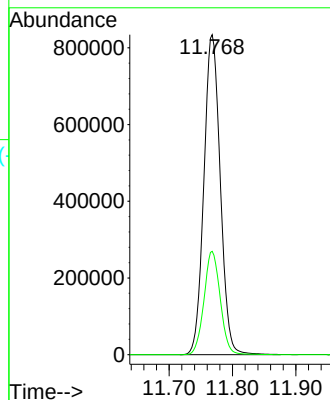
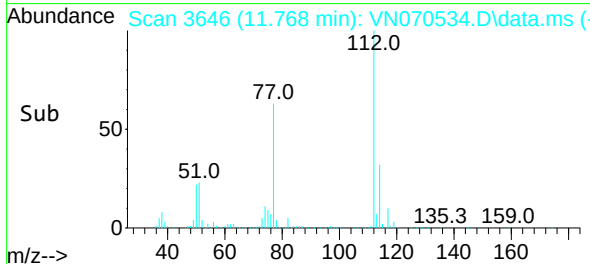
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



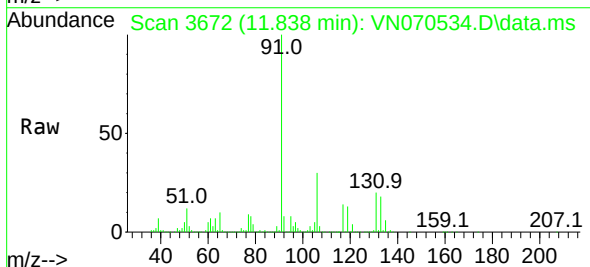
Tgt Ion:112 Resp: 149970
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
APPROVED

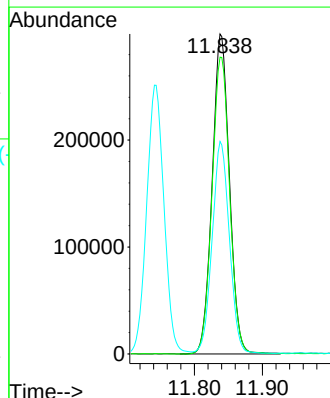
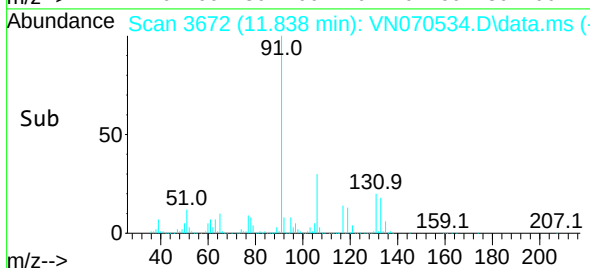
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

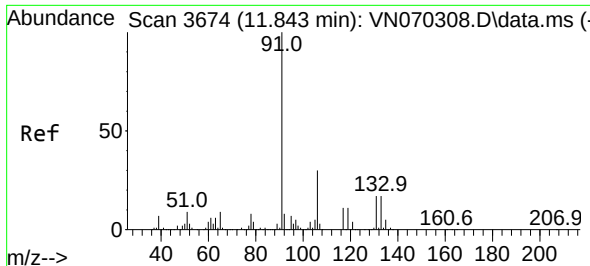


#66
1,1,1,2-Tetrachloroethane
Concen: 50.254 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



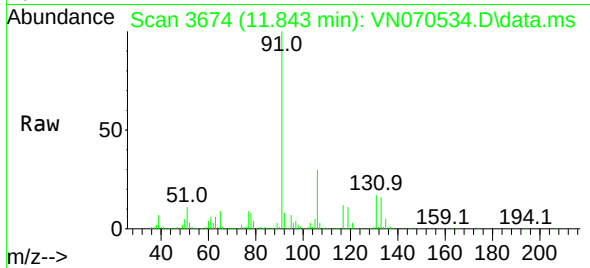
Tgt Ion:131 Resp: 527703
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 66.1 32.1 96.5





#67
Ethyl Benzene
Concen: 52.026 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

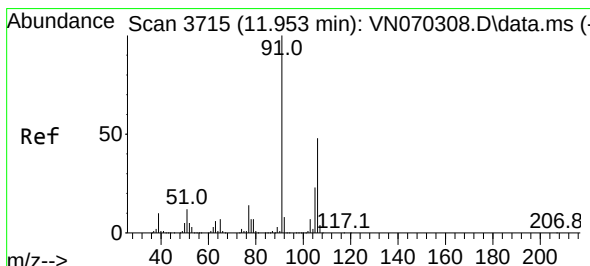
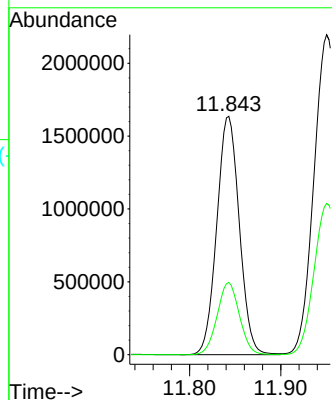
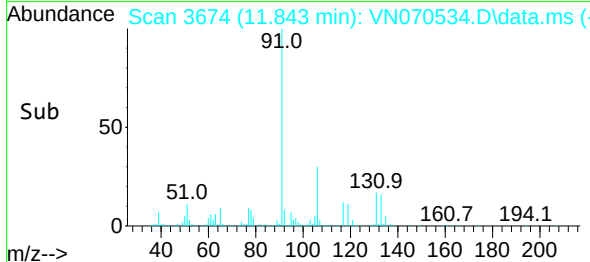
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



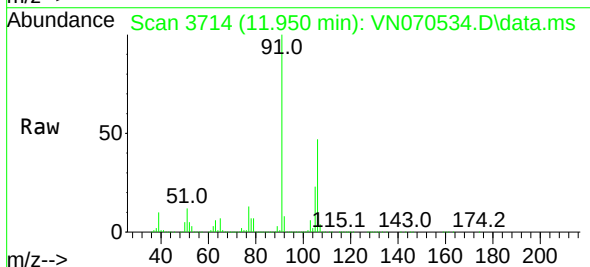
Tgt Ion: 91 Resp: 280380
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

Manual Integrations
APPROVED

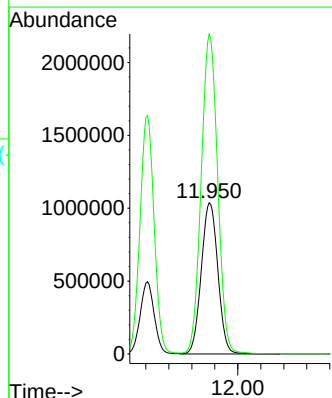
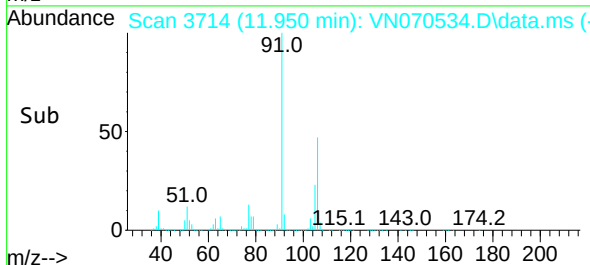
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

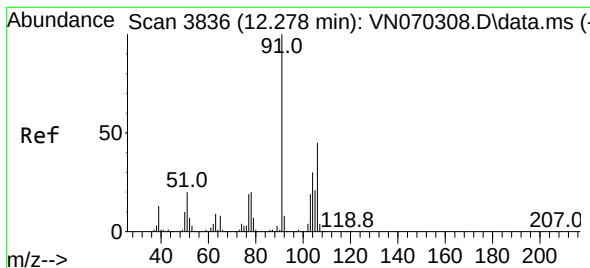


#68
m/p-Xylenes
Concen: 105.679 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



Tgt Ion:106 Resp: 2073139
Ion Ratio Lower Upper
106 100
91 210.0 160.6 240.8





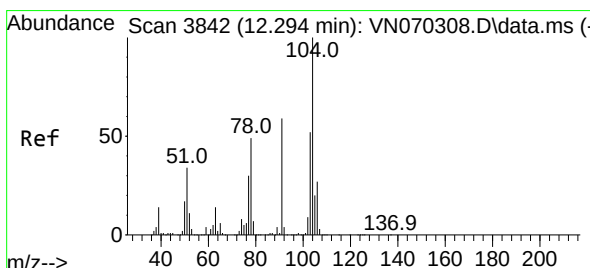
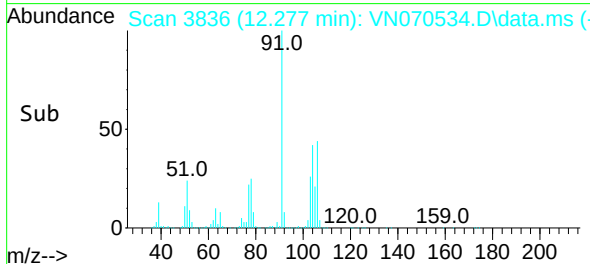
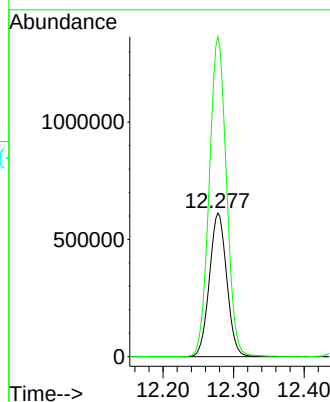
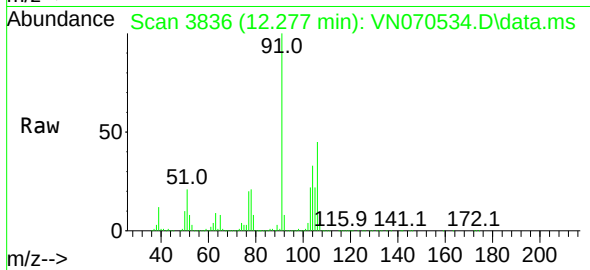
#69
o-Xylene
Concen: 53.505 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1044020
Ion Ratio Lower Upper
106 100
91 221.7 105.8 317.3

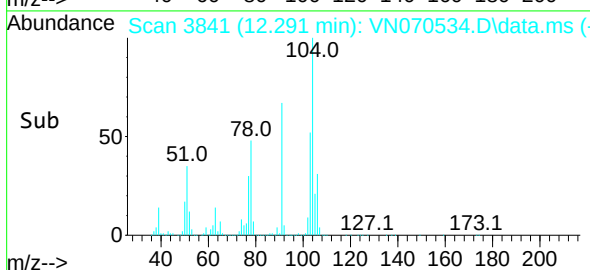
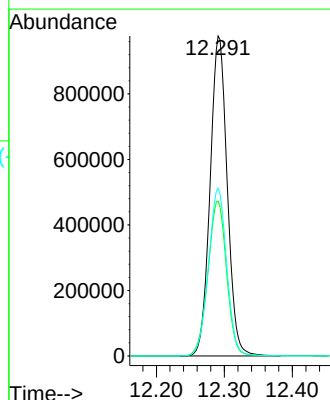
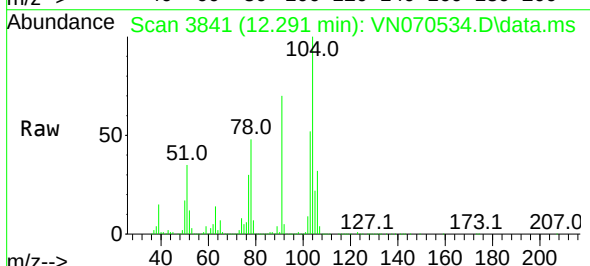
Manual Integrations
APPROVED

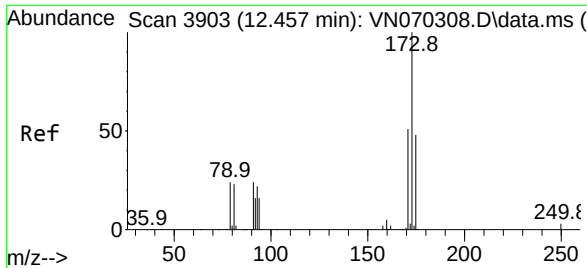
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#70
Styrene
Concen: 55.453 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

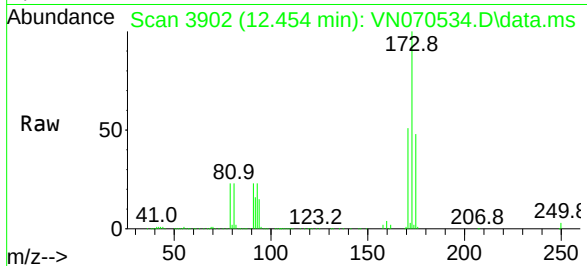
Tgt Ion:104 Resp: 1712532
Ion Ratio Lower Upper
104 100
78 52.6 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 53.110 ug/l
RT: 12.454 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

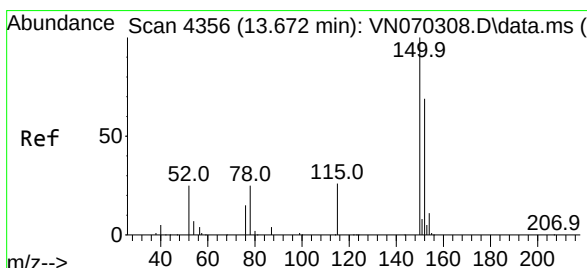
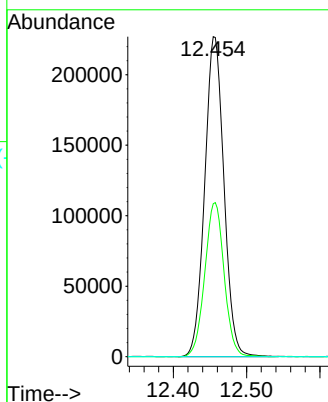
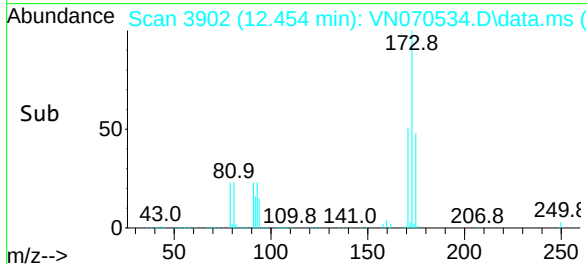
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



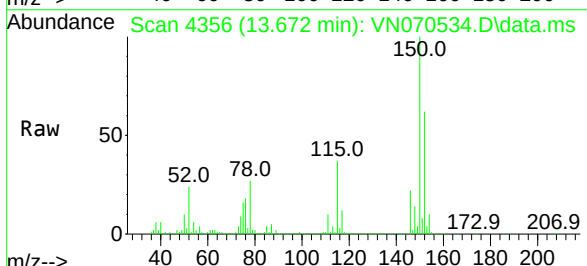
Tgt Ion:173 Resp: 41389
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

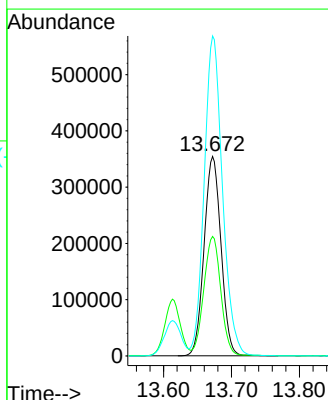
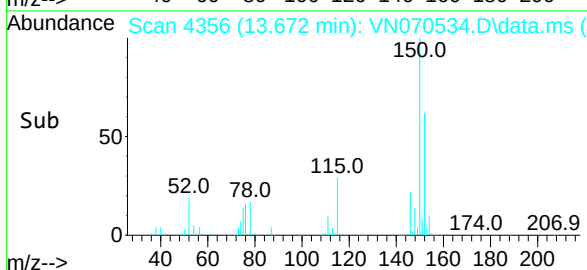
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

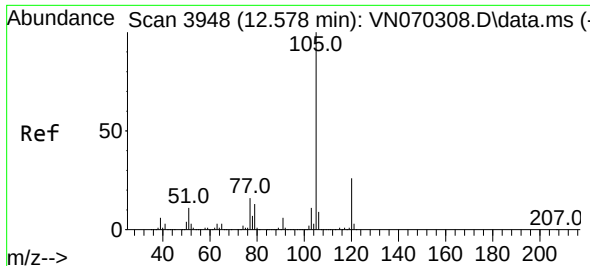


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



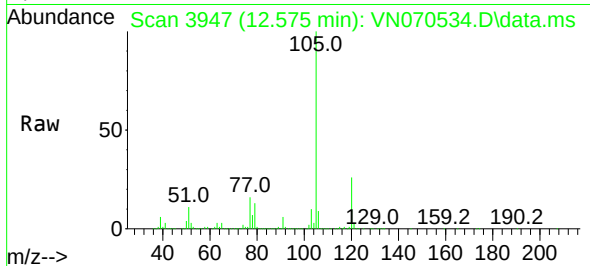
Tgt Ion:152 Resp: 613064
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 173.6 0.0 344.4





#73
Isopropylbenzene
Concen: 47.759 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

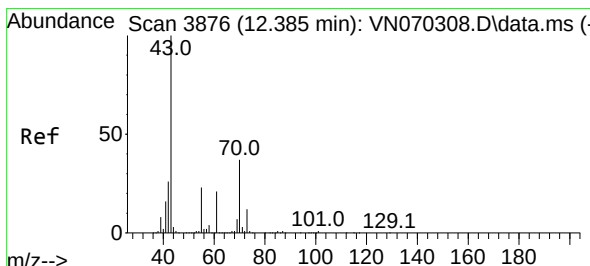
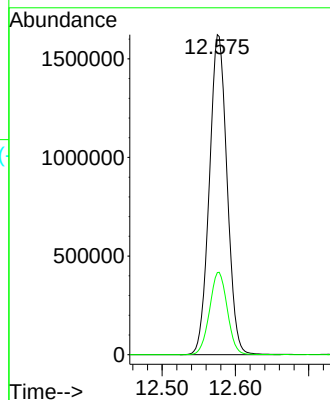
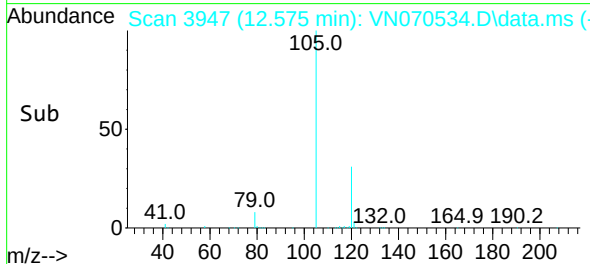
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



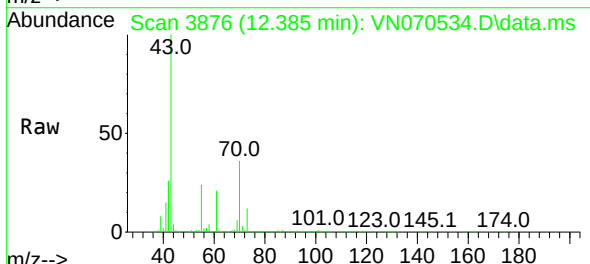
Tgt Ion:105 Resp: 271900
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

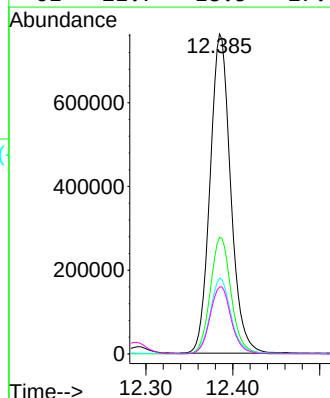
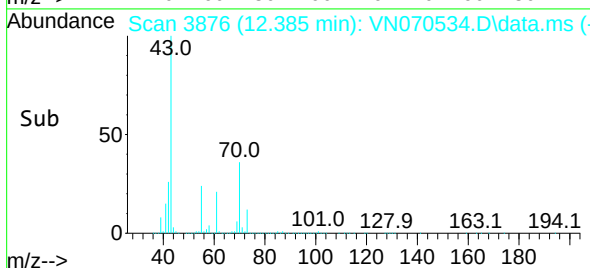
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

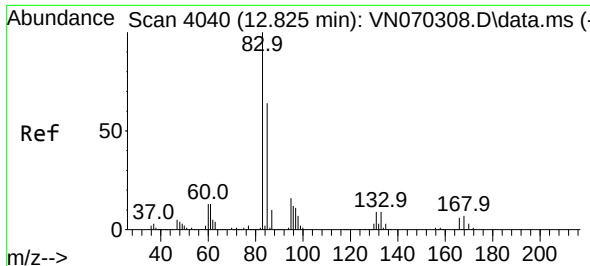


#74
N-ethyl acetate
Concen: 52.266 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



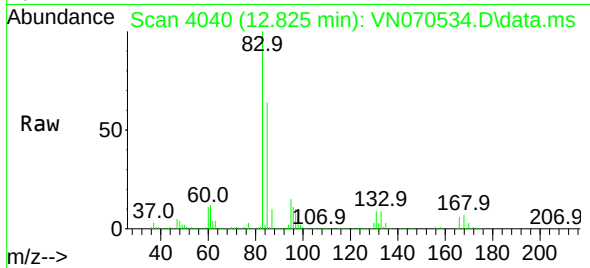
Tgt Ion: 43 Resp: 1251141
Ion Ratio Lower Upper
43 100
70 36.9 33.4 50.0
55 23.8 19.3 28.9
61 21.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.014 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

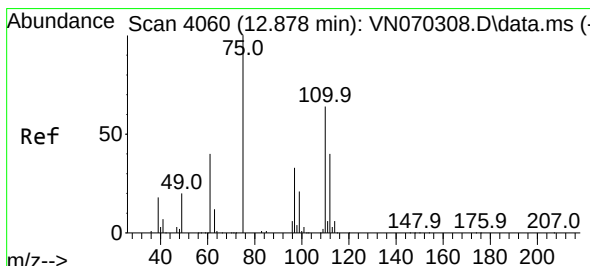
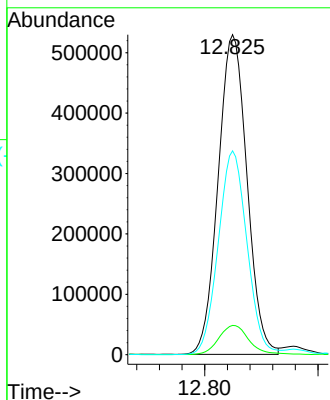
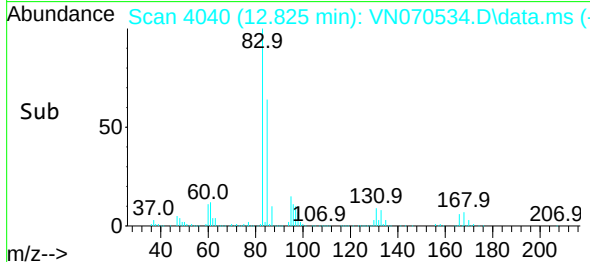
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 933580
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 63.7 32.4 97.2

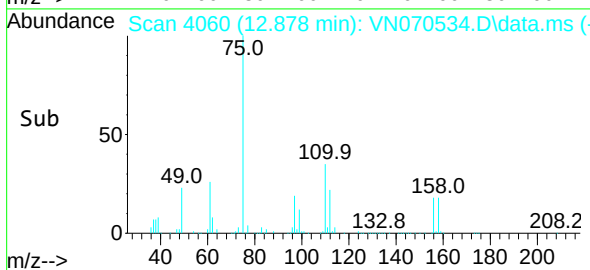
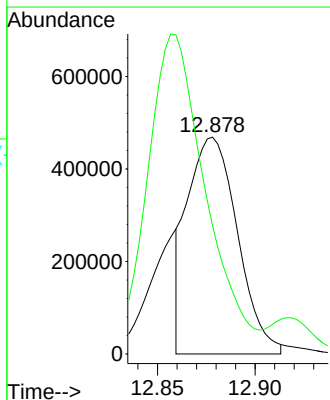
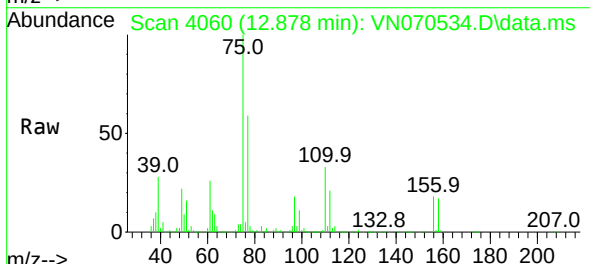
Manual Integrations
APPROVED

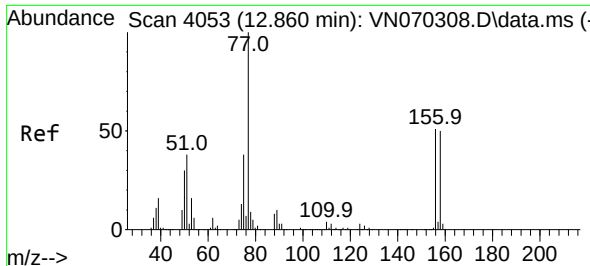
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#76
1,2,3-Trichloropropane
Concen: 46.165 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

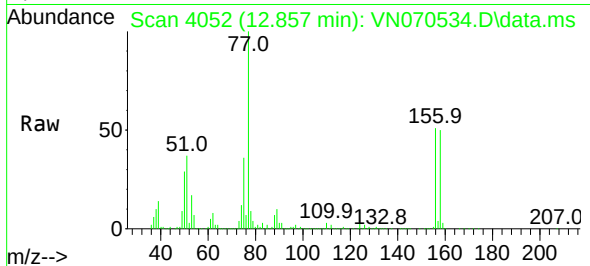
Tgt Ion: 75 Resp: 833855
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 47.631 ug/l
RT: 12.857 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

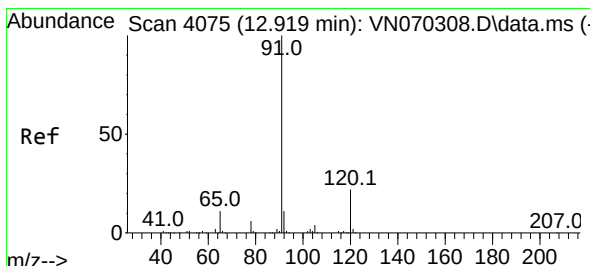
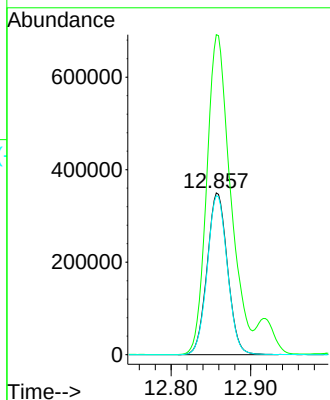
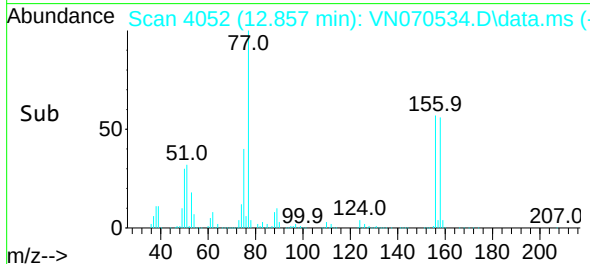
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 62257
Ion Ratio Lower Upper
156 100
77 230.2 90.6 271.8
158 97.5 48.9 146.7

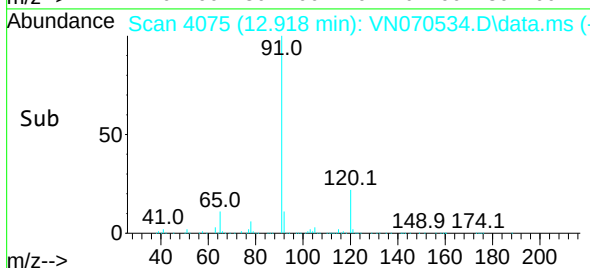
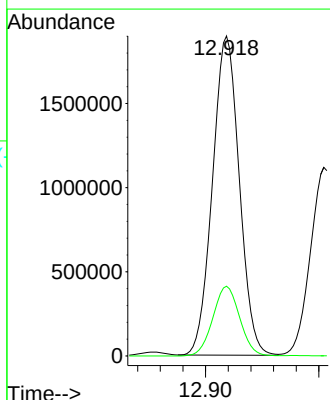
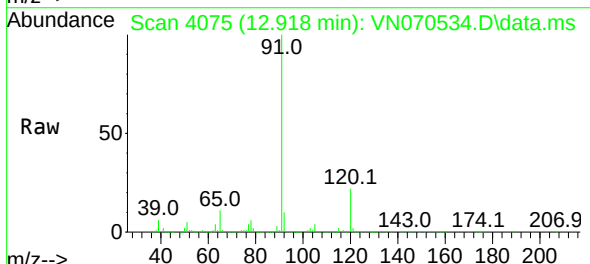
Manual Integrations
APPROVED

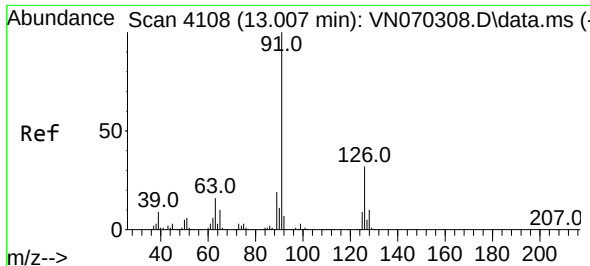
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#78
n-propylbenzene
Concen: 49.320 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

Tgt Ion: 91 Resp: 3111102
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





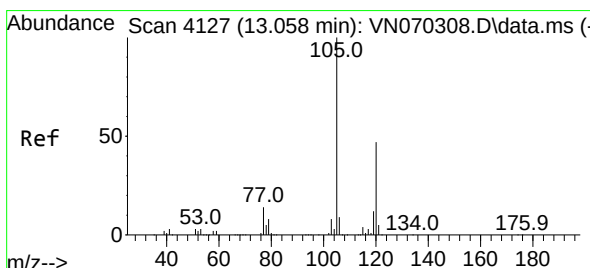
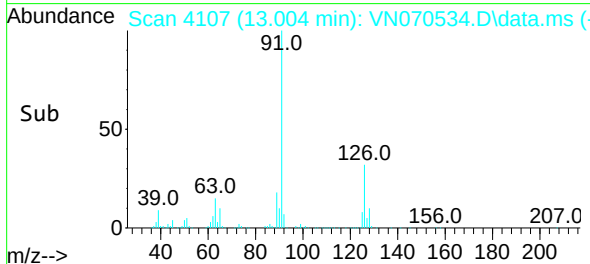
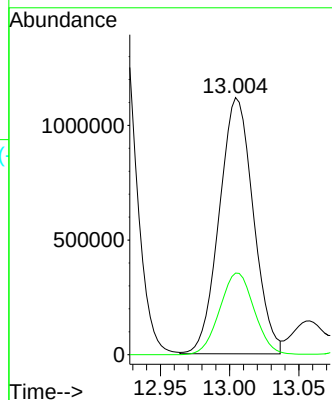
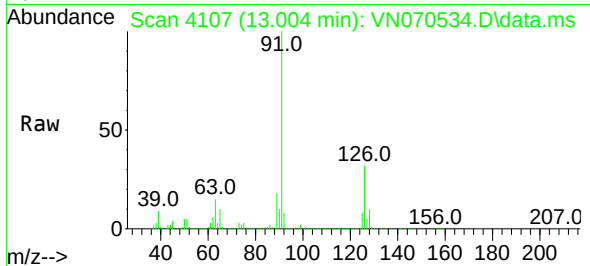
#79
2-Chlorotoluene
Concen: 47.309 ug/l
RT: 13.004 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1914784
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

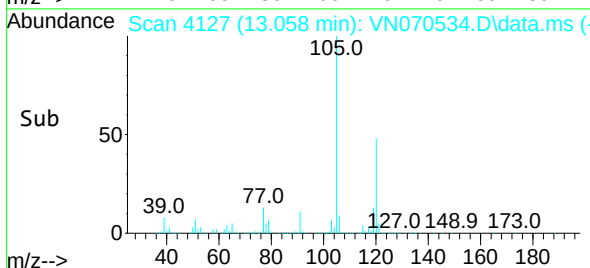
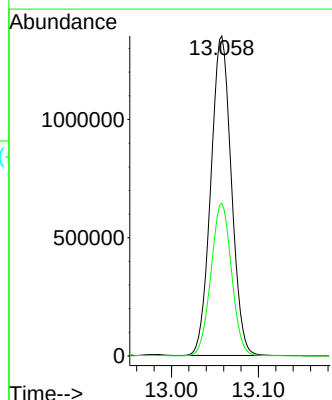
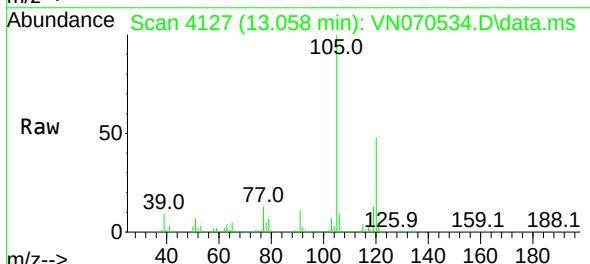
Manual Integrations
APPROVED

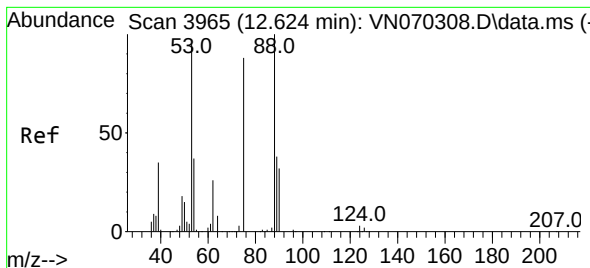
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.594 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

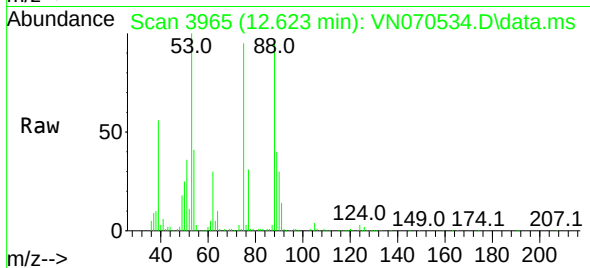
Tgt Ion:105 Resp: 2217001
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.870 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.001 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

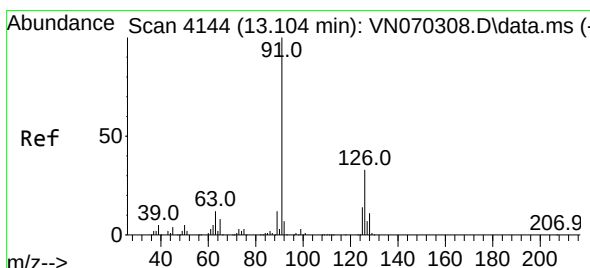
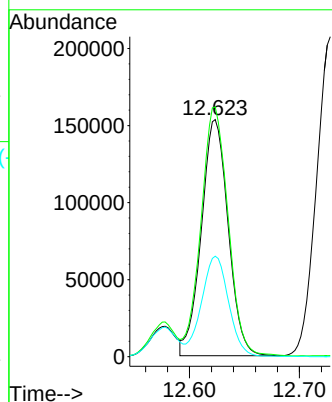
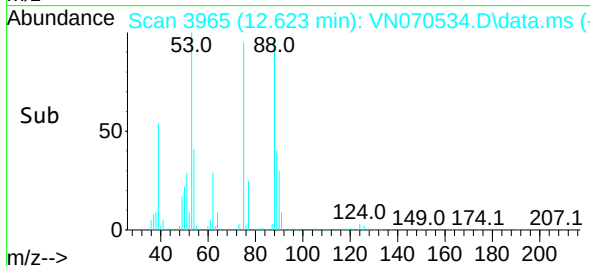
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 260275
Ion Ratio Lower Upper
75 100
53 107.1 90.5 135.7
89 42.6 38.2 57.4

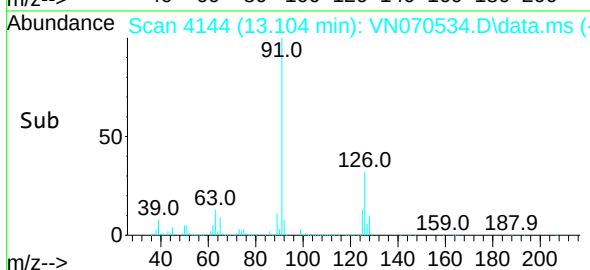
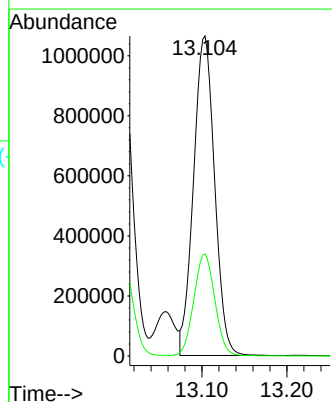
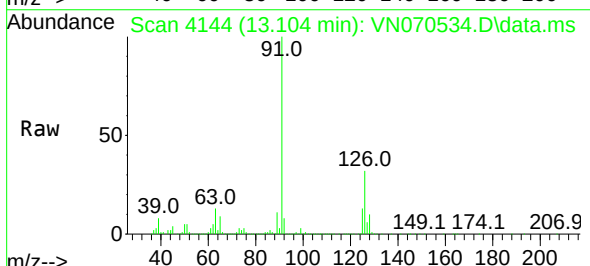
Manual Integrations
APPROVED

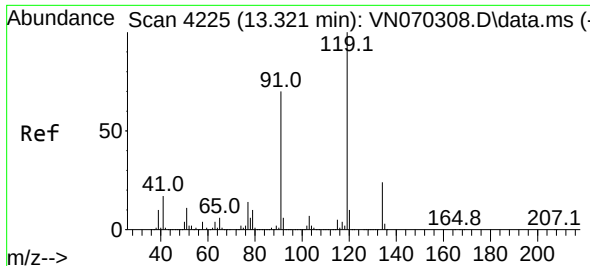
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#82
4-Chlorotoluene
Concen: 48.241 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

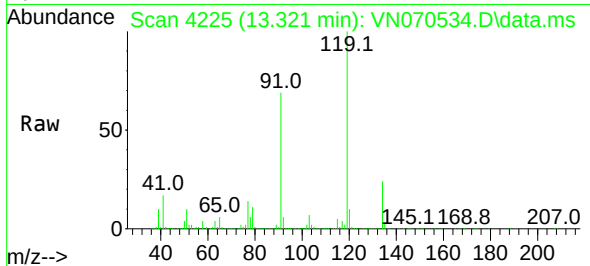
Tgt Ion: 91 Resp: 1828937
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.937 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

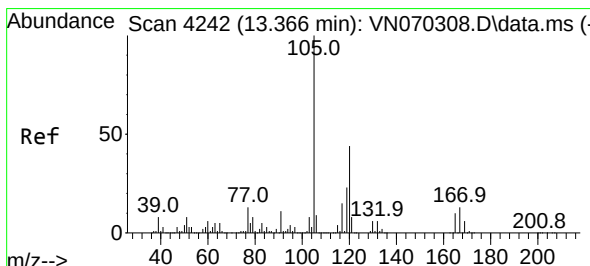
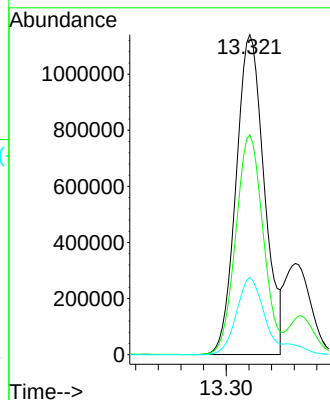
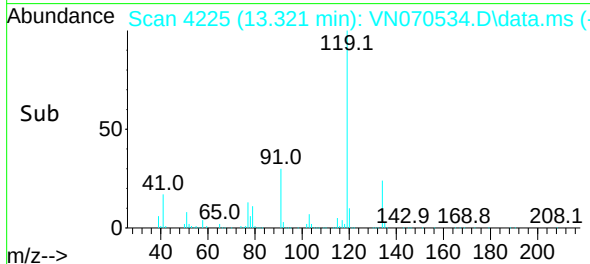
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



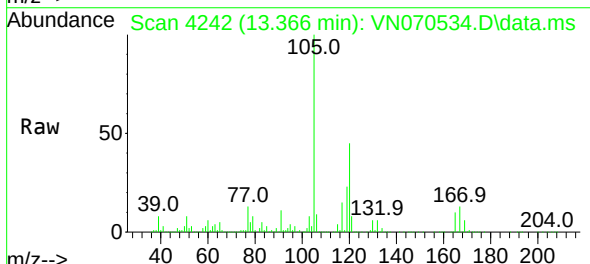
Tgt Ion:119 Resp: 196589
Ion Ratio Lower Upper
119 100
91 67.4 31.5 94.5
134 26.0 12.4 37.4

Manual Integrations
APPROVED

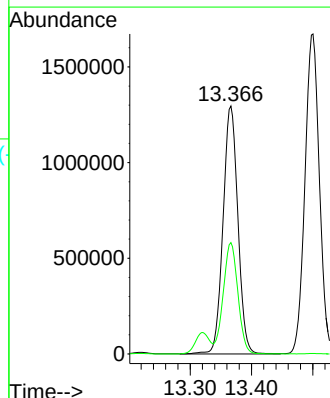
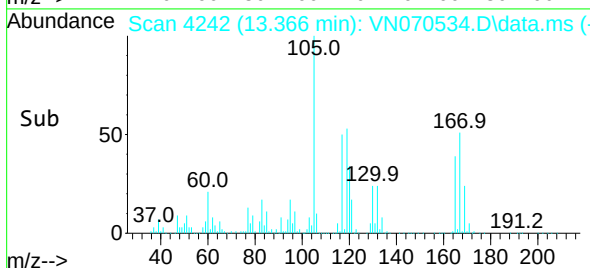
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

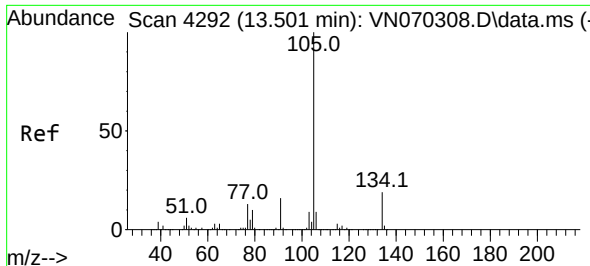


#84
1,2,4-Trimethylbenzene
Concen: 49.555 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



Tgt Ion:105 Resp: 2176999
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4





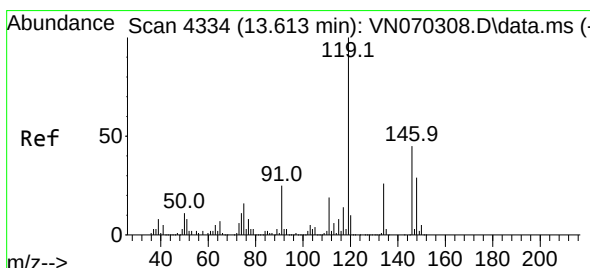
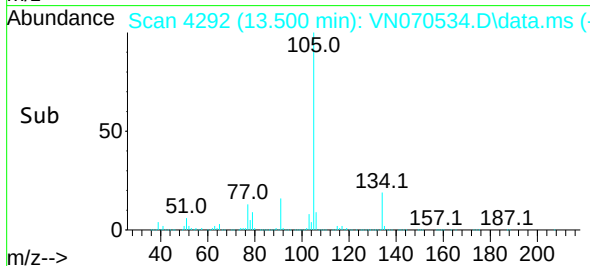
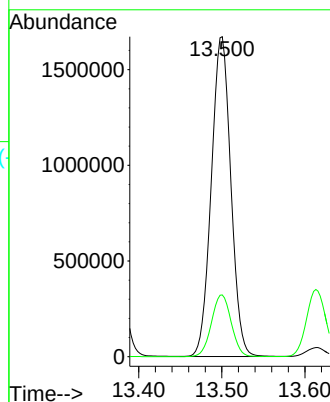
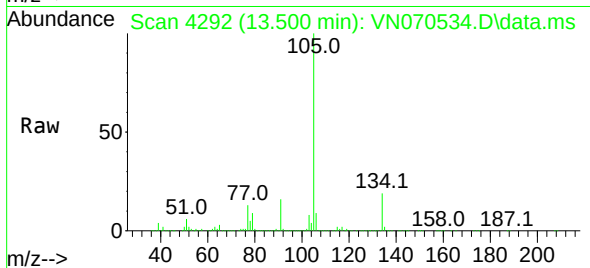
#85
 sec-Butylbenzene
 Concen: 50.052 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.001 min
 Lab File: VN070534.D
 Acq: 6 Jan 2022 21:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2729892
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

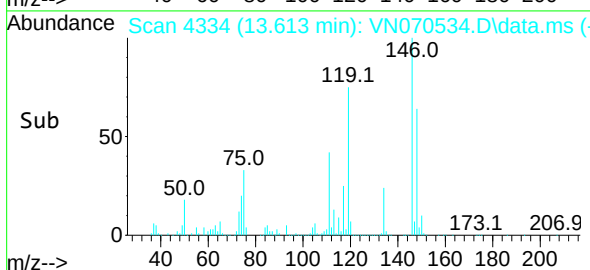
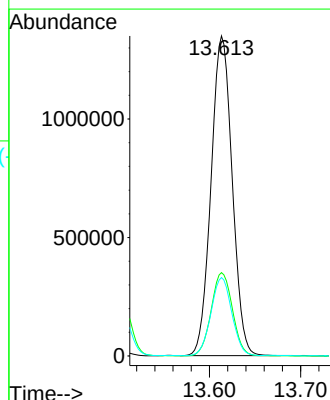
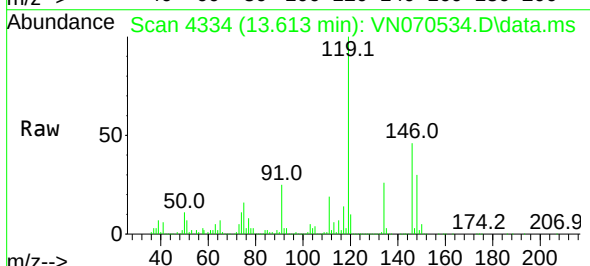
Manual Integrations
 APPROVED

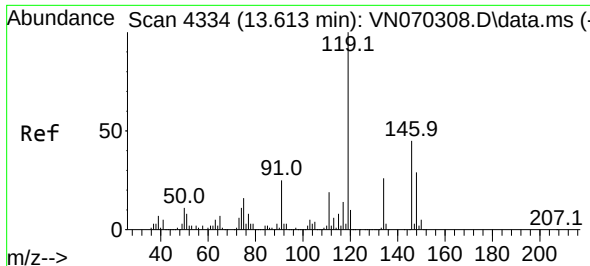
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/11/2022



#86
 p-Isopropyltoluene
 Concen: 50.684 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070534.D
 Acq: 6 Jan 2022 21:31

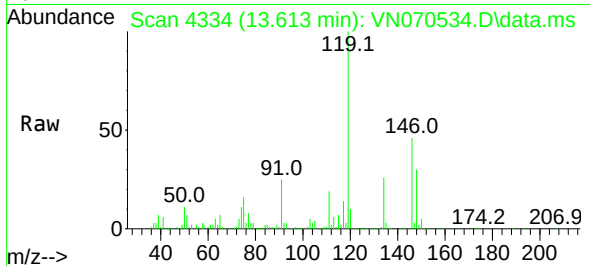
Tgt Ion:119 Resp: 2171484
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 24.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.904 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

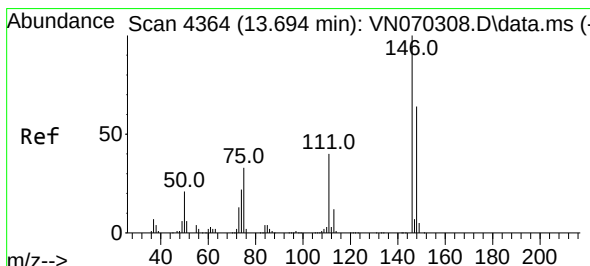
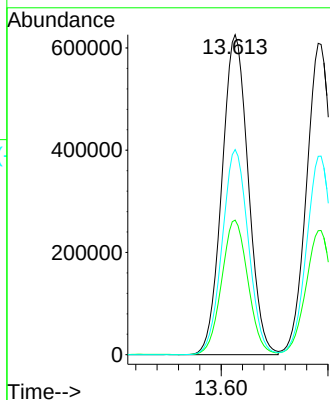
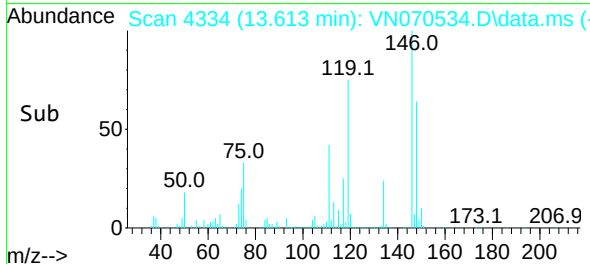
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1070050
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 64.0 31.6 95.0

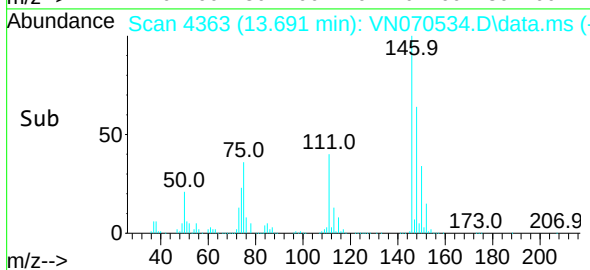
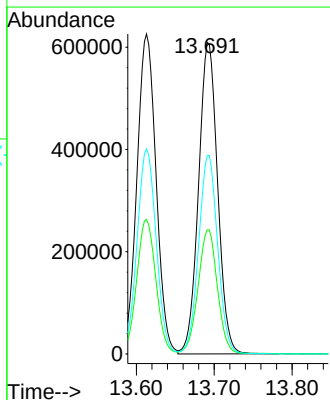
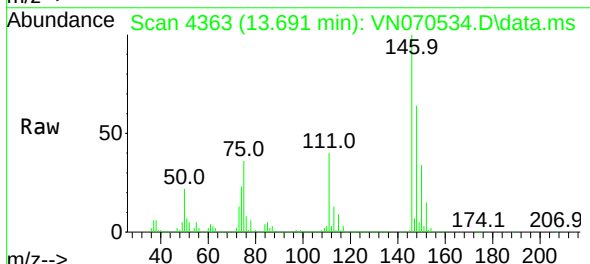
Manual Integrations
APPROVED

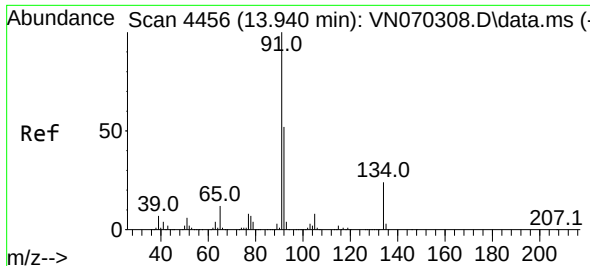
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#88
1,4-Dichlorobenzene
Concen: 48.137 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

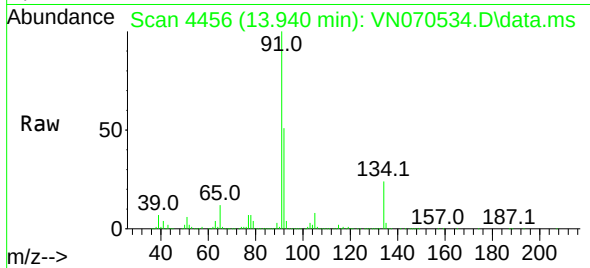
Tgt Ion:146 Resp: 1038981
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 50.496 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

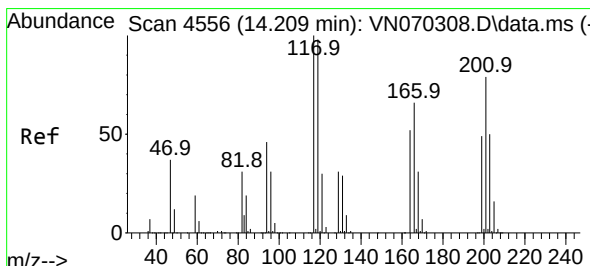
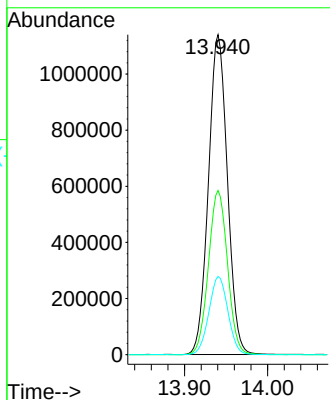
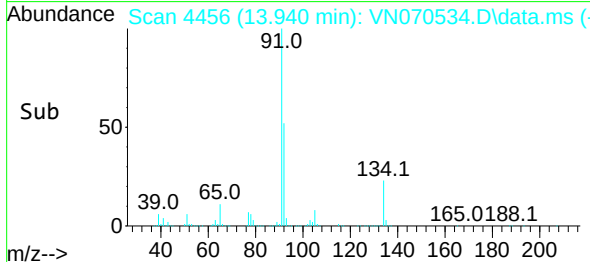
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 180451
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 24.6 13.6 40.8

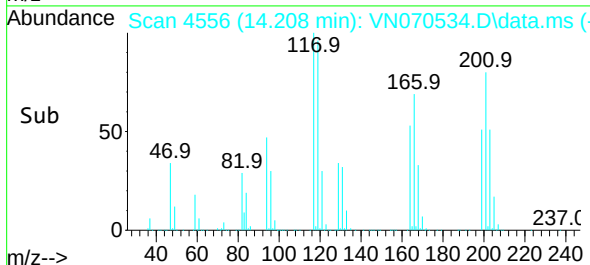
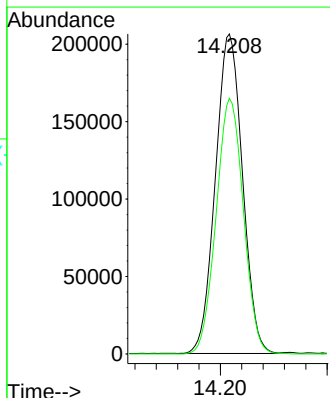
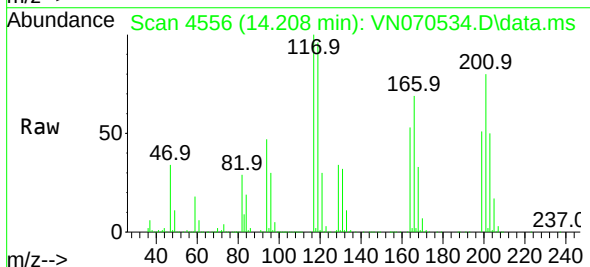
Manual Integrations
APPROVED

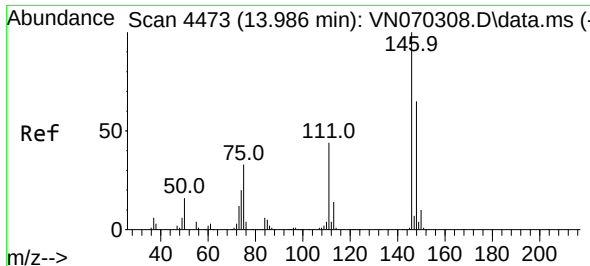
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#90
Hexachloroethane
Concen: 48.817 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.001 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

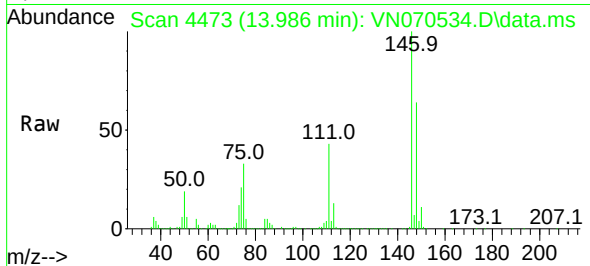
Tgt Ion:117 Resp: 363341
Ion Ratio Lower Upper
117 100
201 80.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.800 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

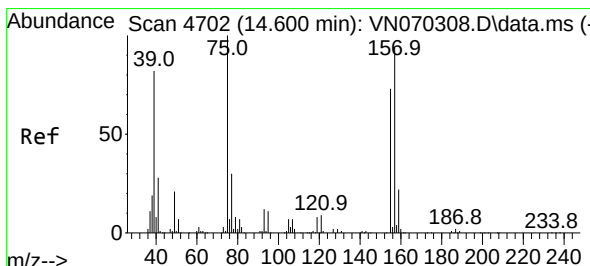
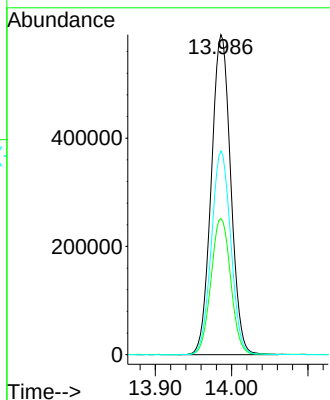
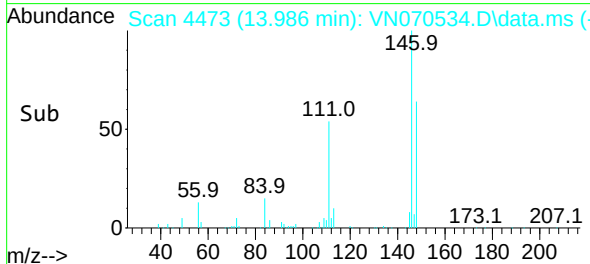
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



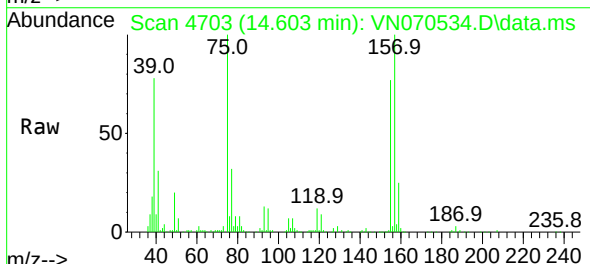
Tgt Ion:146 Resp: 104677
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 63.6 32.1 96.3

Manual Integrations
APPROVED

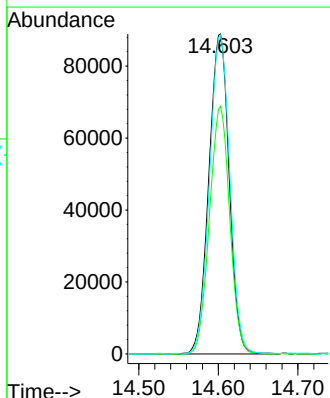
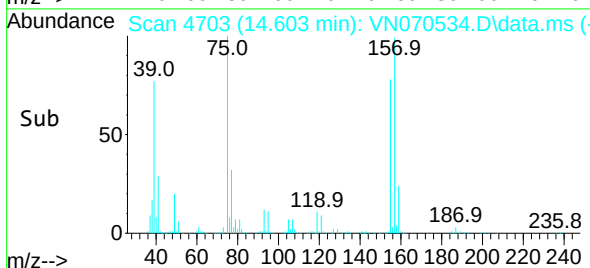
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

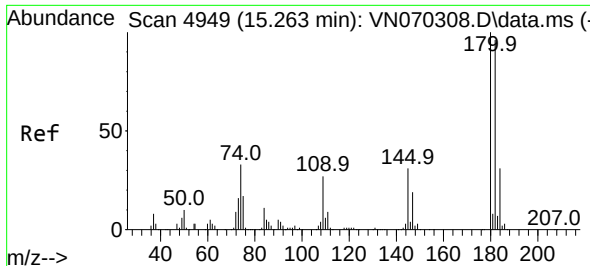


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.905 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31



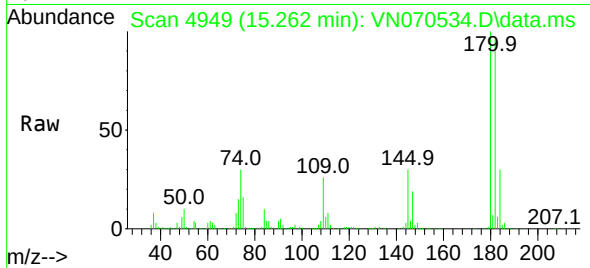
Tgt Ion: 75 Resp: 157994
Ion Ratio Lower Upper
75 100
155 77.1 46.9 140.7
157 99.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 50.513 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

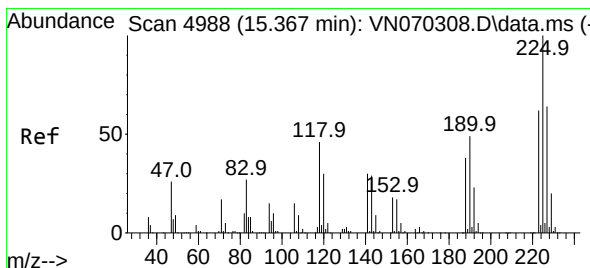
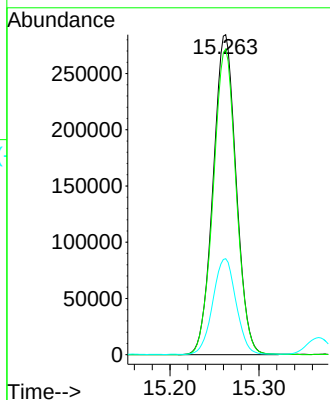
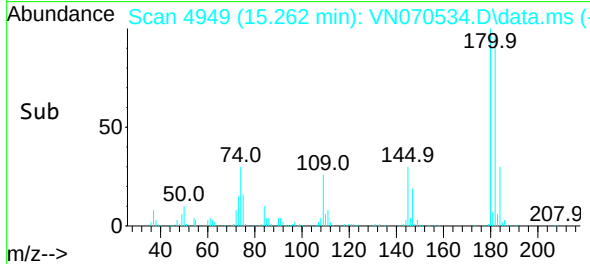
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 510530
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 30.2 14.5 43.5

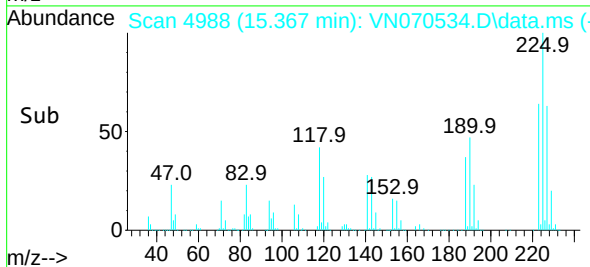
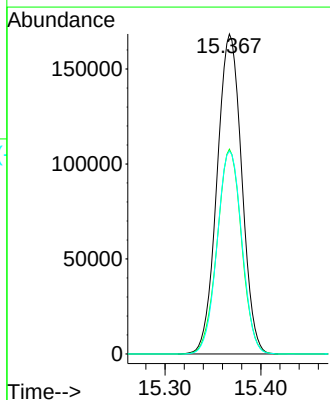
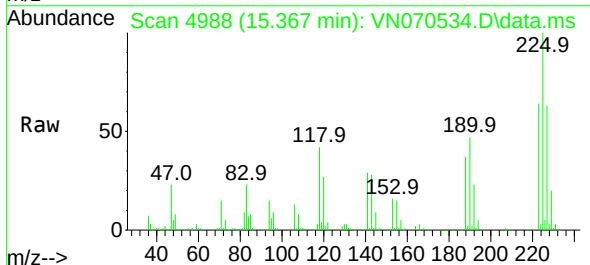
Manual Integrations
APPROVED

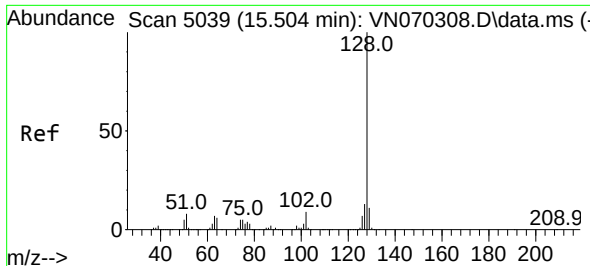
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#94
Hexachlorobutadiene
Concen: 51.233 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

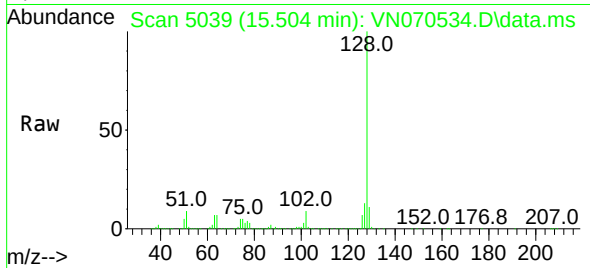
Tgt Ion:225 Resp: 300945
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 63.5 32.1 96.3





#95
Naphthalene
Concen: 50.818 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

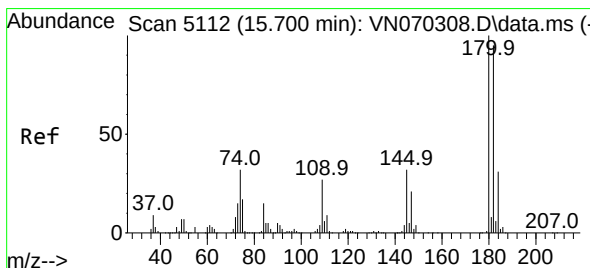
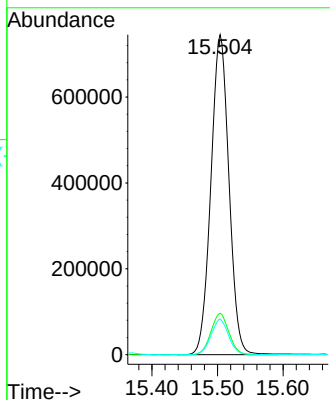
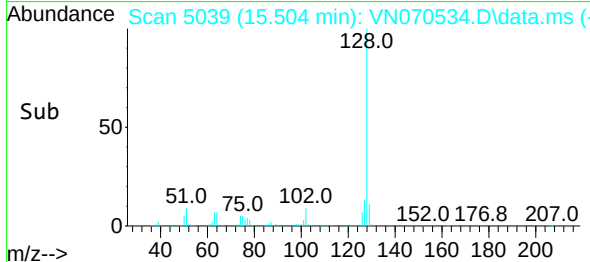
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 142034
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.677 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070534.D
Acq: 6 Jan 2022 21:31

Tgt Ion:180 Resp: 499865
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.1 15.0 45.1

