

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070919.D
 Acq On : 3 Feb 2022 3:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 06:02:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	828425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1362296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1234133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	534271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	566274	50.499	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.000%			
35) Dibromofluoromethane	8.021	113	422461	51.766	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.540%			
50) Toluene-d8	10.440	98	1715277	51.190	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.380%			
62) 4-Bromofluorobenzene	12.731	95	611458	50.644	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	403231	43.868	ug/l	100
3) Chloromethane	2.303	50	546985	47.114	ug/l	99
4) Vinyl Chloride	2.445	62	348732	35.956	ug/l	100
5) Bromomethane	2.842	94	212107	42.758	ug/l	97
6) Chloroethane	3.011	64	214315	48.723	ug/l	98
7) Trichlorofluoromethane	3.373	101	502092	46.357	ug/l	98
8) Diethyl Ether	3.824	74	285902	45.514	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.205	101	364682	44.624	ug/l	95
10) Methyl Iodide	4.419	142	538471	44.654	ug/l	98
11) Tert butyl alcohol	5.385	59	567341	240.777	ug/l	98
12) 1,1-Dichloroethene	4.175	96	377575	45.226	ug/l	94
13) Acrolein	4.039	56	563543	217.236	ug/l	99
14) Allyl chloride	4.838	41	863702	45.413	ug/l #	83
15) Acrylonitrile	5.554	53	1569263	238.484	ug/l	98
16) Acetone	4.288	43	1331117	198.522	ug/l	98
17) Carbon Disulfide	4.524	76	1138088	43.894	ug/l	99
18) Methyl Acetate	4.854	43	726954	47.535	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1481677	46.484	ug/l	95
20) Methylene Chloride	5.093	84	448394	44.037	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	397076	44.609	ug/l	88
22) Diisopropyl ether	6.498	45	1685664	45.758	ug/l	91
23) Vinyl Acetate	6.434	43	7646645	234.672	ug/l	95
24) 1,1-Dichloroethane	6.385	63	838047	45.181	ug/l	97
25) 2-Butanone	7.337	43	2214013	228.754	ug/l	93
26) 2,2-Dichloropropane	7.324	77	544012	37.345	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	469241	44.635	ug/l	90
28) Bromochloromethane	7.656	49	377058	46.585	ug/l #	78
29) Tetrahydrofuran	7.686	42	1517776	241.426	ug/l	88
30) Chloroform	7.817	83	787342	44.619	ug/l	99
31) Cyclohexane	8.094	56	826742	43.393	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	665285	44.666	ug/l	98
36) 1,1-Dichloropropene	8.220	75	598868	45.171	ug/l	97
37) Ethyl Acetate	7.412	43	871159	47.676	ug/l	98
38) Carbon Tetrachloride	8.206	117	555743	45.900	ug/l	99
39) Methylcyclohexane	9.459	83	736613	45.196	ug/l	90
40) Benzene	8.458	78	1870177	44.900	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	430217	46.860	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	641032	45.208	ug/l	100
43) Isopropyl Acetate	8.560	43	1353719	44.070	ug/l	96
44) Trichloroethene	9.215	130	424863	44.082	ug/l	90
45) 1,2-Dichloropropane	9.491	63	511522	45.861	ug/l	100
46) Dibromomethane	9.577	93	306375	45.853	ug/l	95
47) Bromodichloromethane	9.762	83	618129	45.928	ug/l	99
48) Methyl methacrylate	9.561	41	621731	46.945	ug/l #	83
49) 1,4-Dioxane	9.569	88	214302	965.935	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	4387476	242.665	ug/l	99
52) Toluene	10.505	92	1151185	44.606	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	684268	45.050	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	744917	45.092	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	445405	45.443	ug/l	98
56) Ethyl methacrylate	10.760	69	818520	47.947	ug/l	89
57) 1,3-Dichloropropane	11.044	76	793899	46.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1070971	233.122	ug/l	91
59) 2-Hexanone	11.084	43	3233354	244.938	ug/l	97
60) Dibromochloromethane	11.237	129	447007	45.982	ug/l	99
61) 1,2-Dibromoethane	11.344	107	462503	45.882	ug/l	100
64) Tetrachloroethene	10.977	164	367347	45.477	ug/l	96
65) Chlorobenzene	11.771	112	1155898	44.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	416010	46.145	ug/l	99
67) Ethyl Benzene	11.843	91	2194651	46.609	ug/l	97
68) m/p-Xylenes	11.953	106	1623423	93.052	ug/l	94
69) o-Xylene	12.280	106	808382	46.297	ug/l	94
70) Styrene	12.294	104	1340309	48.704	ug/l	96
71) Bromoform	12.457	173	350536	47.092	ug/l #	100
73) Isopropylbenzene	12.578	105	2090922	44.855	ug/l	98
74) N-amyl acetate	12.387	43	1035043	49.579	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	736868	45.637	ug/l	97
76) 1,2,3-Trichloropropane	12.878	75	680575m	52.923	ug/l	
77) Bromobenzene	12.860	156	484222	43.331	ug/l	75
78) n-propylbenzene	12.919	91	2408039	45.298	ug/l	96
79) 2-Chlorotoluene	13.007	91	1468287	44.418	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	1739631	46.037	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	218001	45.951	ug/l	92
82) 4-Chlorotoluene	13.104	91	1427793	44.816	ug/l	93
83) tert-Butylbenzene	13.323	119	1496413	45.407	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1711486	46.316	ug/l	97
85) sec-Butylbenzene	13.501	105	2121454	46.011	ug/l	97
86) p-Isopropyltoluene	13.613	119	1701795	46.805	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	848661	45.655	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	820955	44.151	ug/l	97
89) n-Butylbenzene	13.940	91	1475520	46.049	ug/l	97
90) Hexachloroethane	14.209	117	293201	45.502	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	804760	45.128	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	144274	49.310	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	433537	43.932	ug/l	98
94) Hexachlorobutadiene	15.370	225	260080	43.668	ug/l	98
95) Naphthalene	15.504	128	1233516	44.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	413971	44.190	ug/l	98

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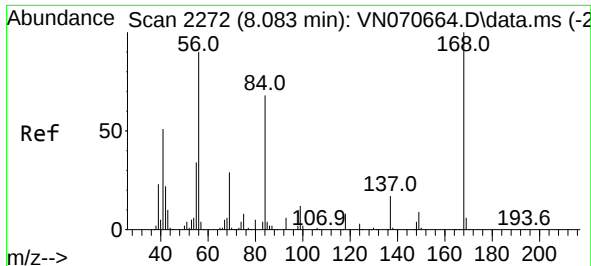
Manual Integrations
APPROVED

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Response via : Initial Calibration

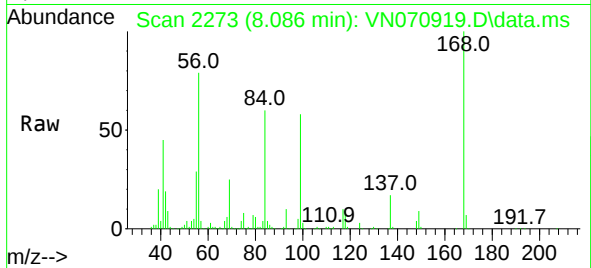
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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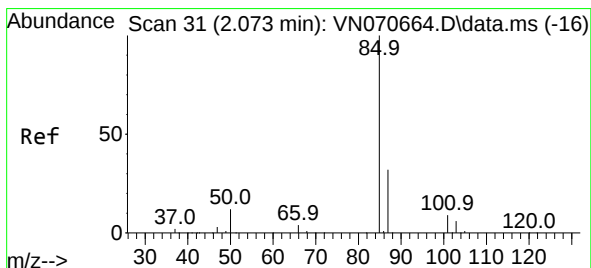
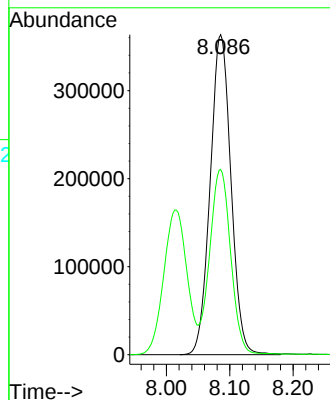
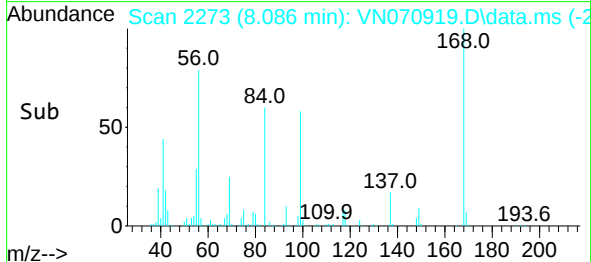
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 82842
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9

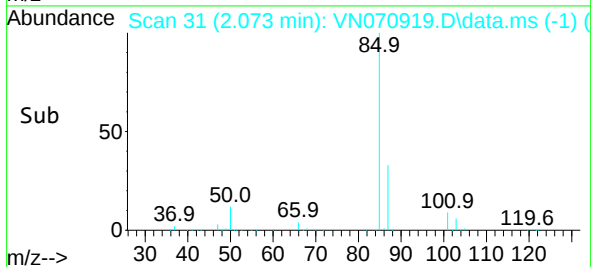
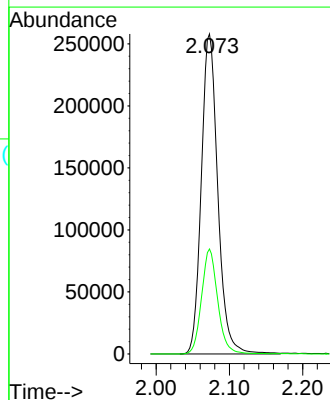
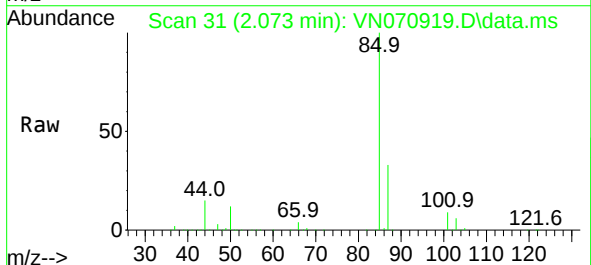
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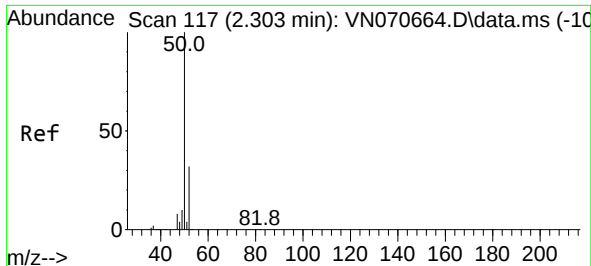
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#2
Dichlorodifluoromethane
Concen: 43.868 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

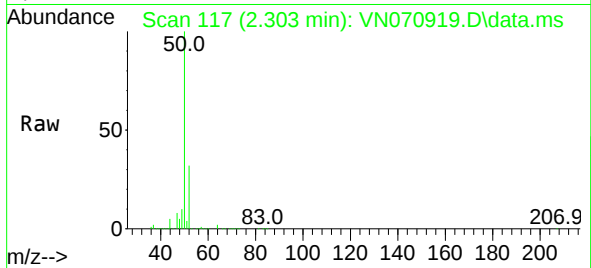
Tgt Ion: 85 Resp: 403231
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.9





#3
Chloromethane
Concen: 47.114 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

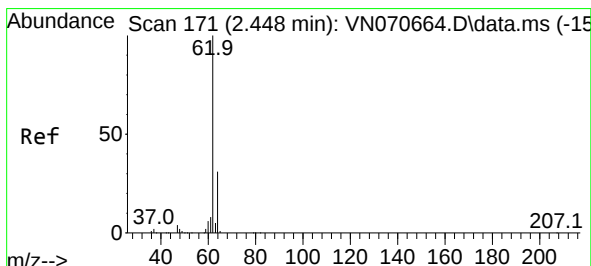
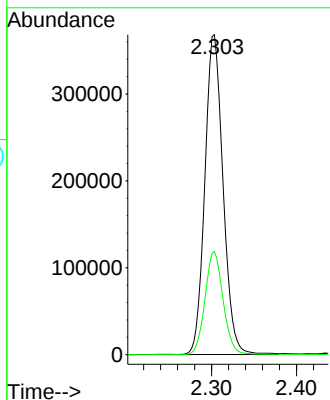
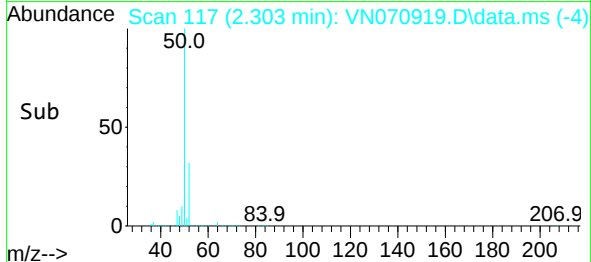
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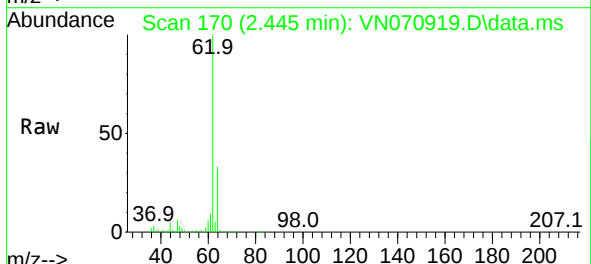
Tgt Ion: 50 Resp: 54698
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

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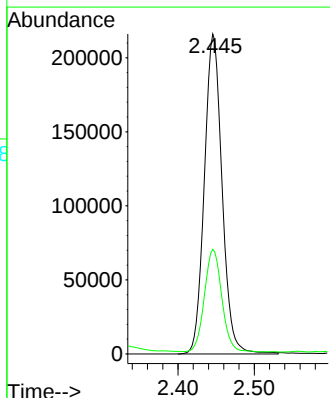
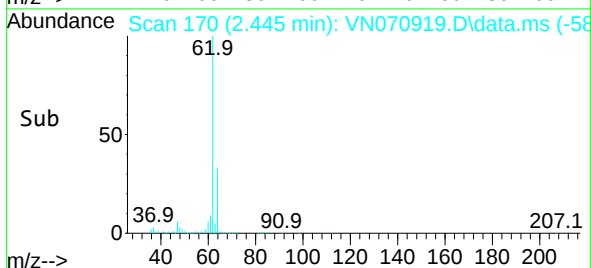
Reviewed By :John Carlone 02/03/2022
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#4
Vinyl Chloride
Concen: 35.956 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



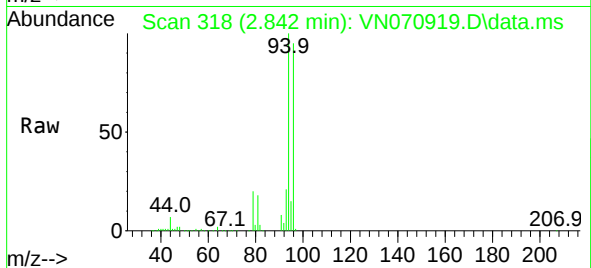
Tgt Ion: 62 Resp: 348732
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 42.758 ug/l
RT: 2.842 min Scan# 31
Delta R.T. 0.010 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

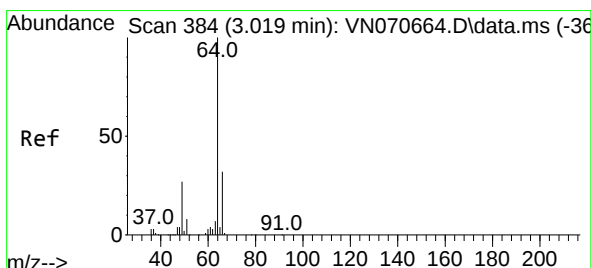
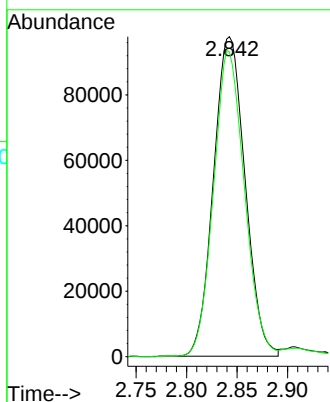
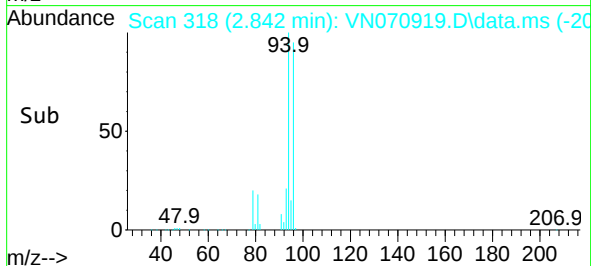
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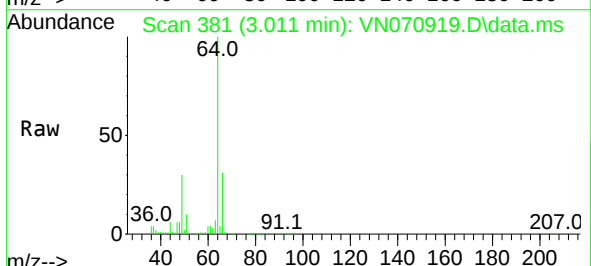
Tgt Ion: 94 Resp: 21210
Ion Ratio Lower Upper
94 100
96 95.2 73.8 110.8

Manual Integrations
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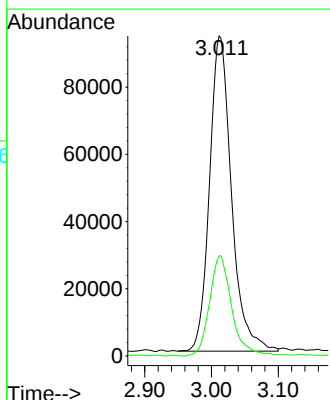
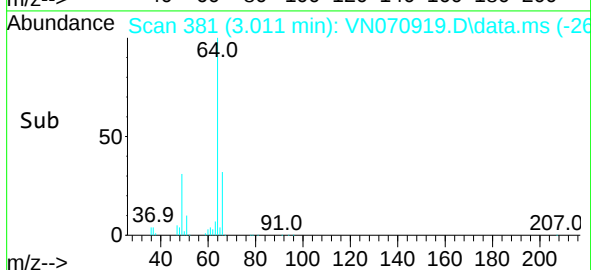
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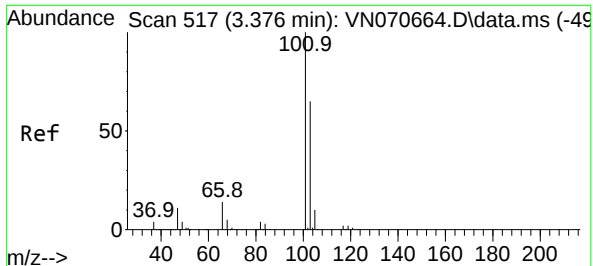


#6
Chloroethane
Concen: 48.723 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.002 min
Lab File: VN070919.D
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Tgt Ion: 64 Resp: 214315
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





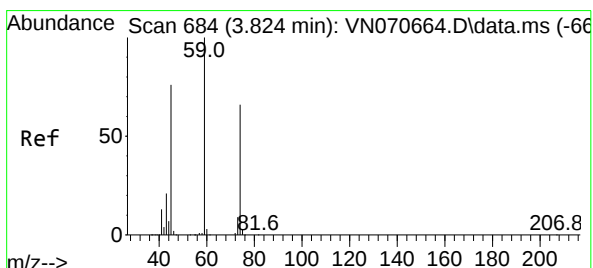
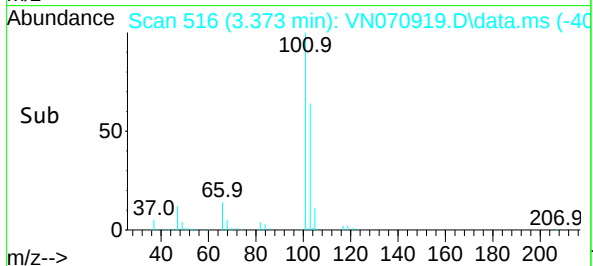
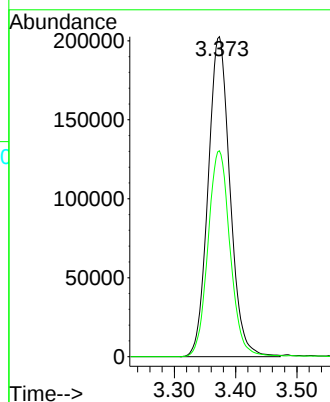
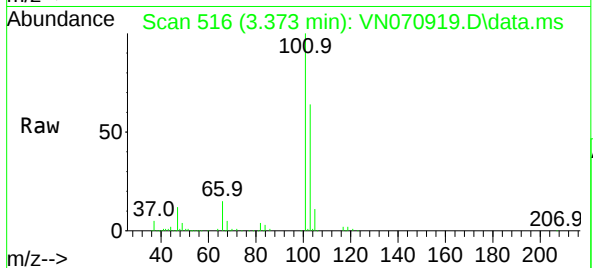
#7
 Trichlorofluoromethane
 Concen: 46.357 ug/l
 RT: 3.373 min Scan# 517
 Delta R.T. 0.002 min
 Lab File: VN070919.D
 Acq: 3 Feb 2022 3:30

Instrument :
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Tgt Ion:101 Resp: 502092
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1

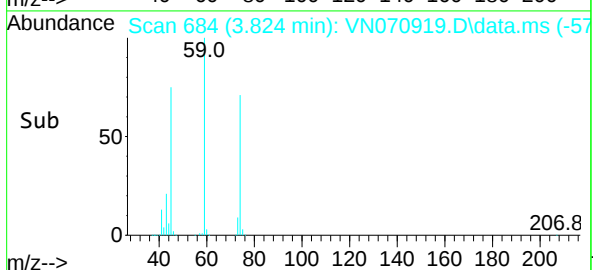
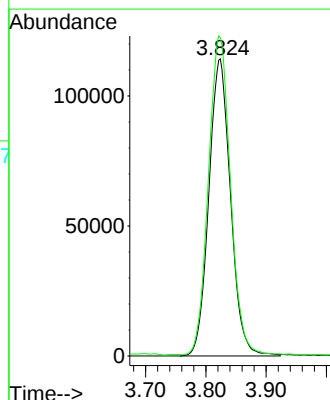
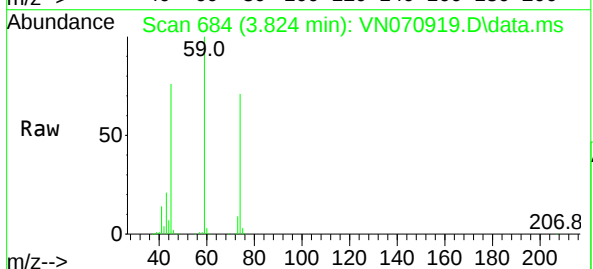
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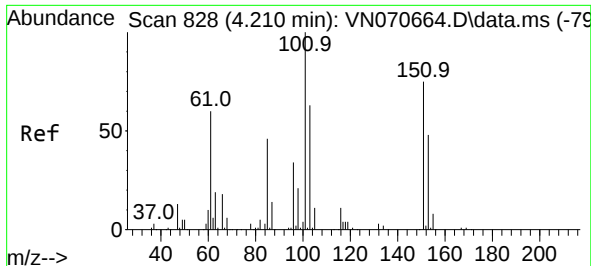
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#8
 Diethyl Ether
 Concen: 45.514 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN070919.D
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Tgt Ion: 74 Resp: 285902
 Ion Ratio Lower Upper
 74 100
 45 108.8 47.0 141.2





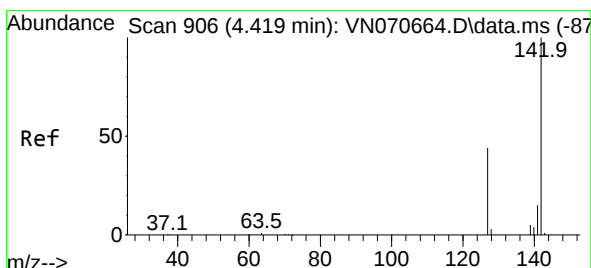
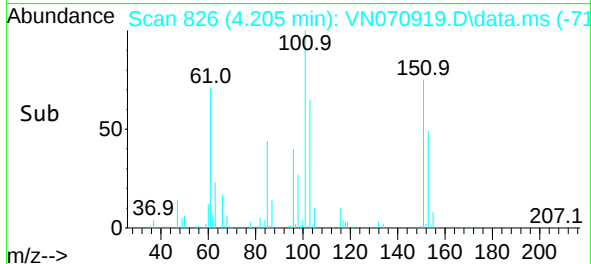
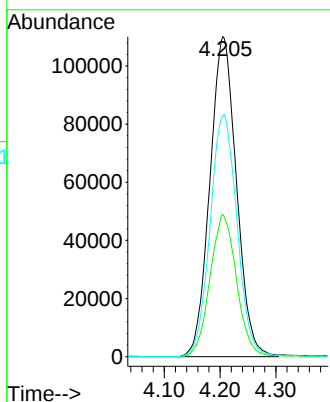
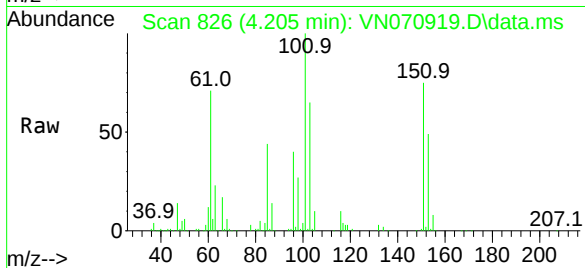
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.624 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 36468
Ion Ratio Lower Upper
101 100
85 44.2 37.2 55.8
151 76.7 65.9 98.9

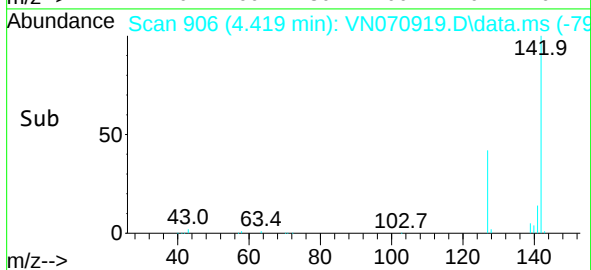
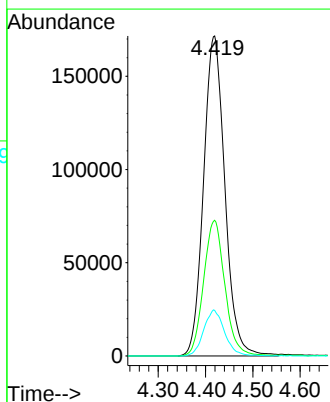
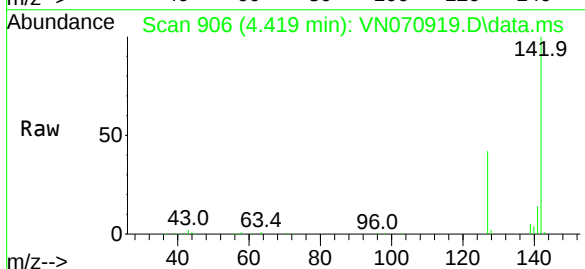
Manual Integrations
APPROVED

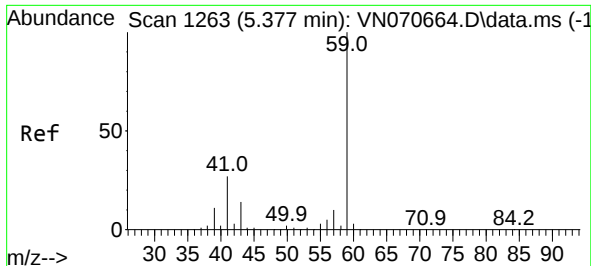
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
Methyl Iodide
Concen: 44.654 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.002 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

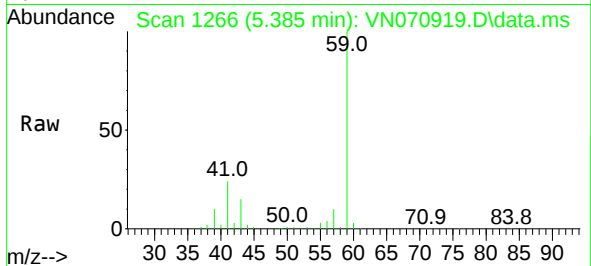
Tgt Ion:142 Resp: 538471
Ion Ratio Lower Upper
142 100
127 42.3 35.4 53.0
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 240.777 ug/l
RT: 5.385 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

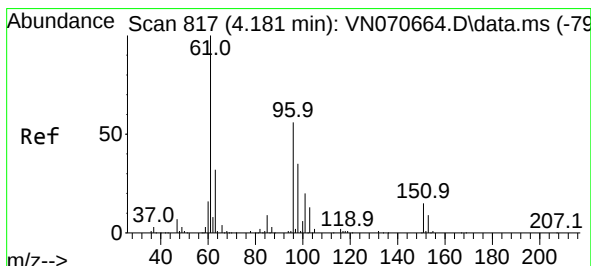
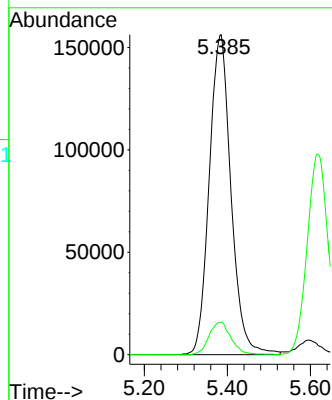
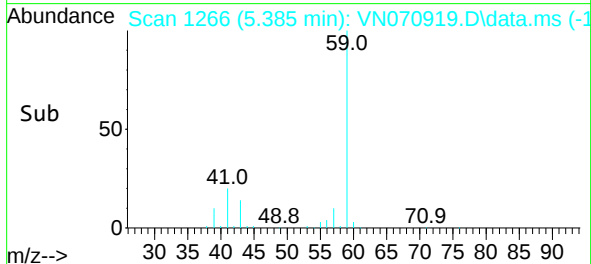
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



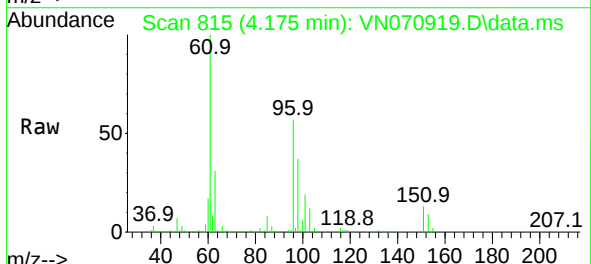
Tgt Ion: 59 Resp: 56734
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
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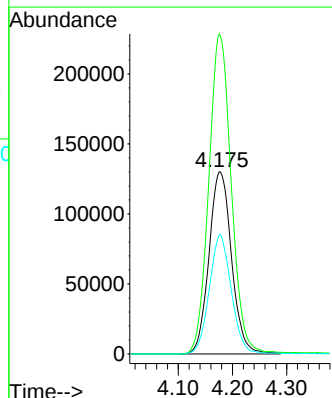
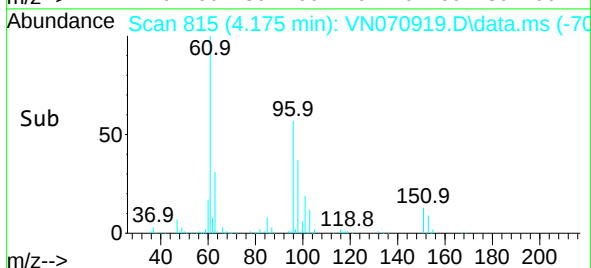
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#12
1,1-Dichloroethene
Concen: 45.226 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



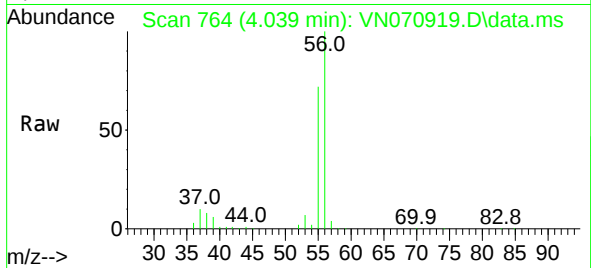
Tgt Ion: 96 Resp: 377575
Ion Ratio Lower Upper
96 100
61 175.8 131.0 196.6
98 65.3 52.4 78.6





#13
Acrolein
Concen: 217.236 ug/l
RT: 4.039 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

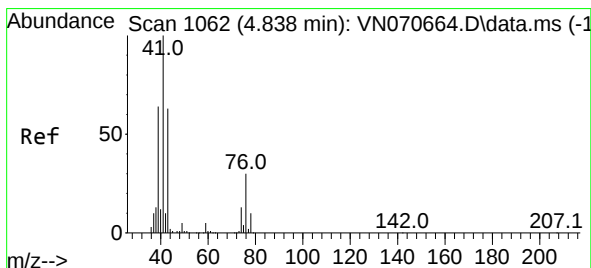
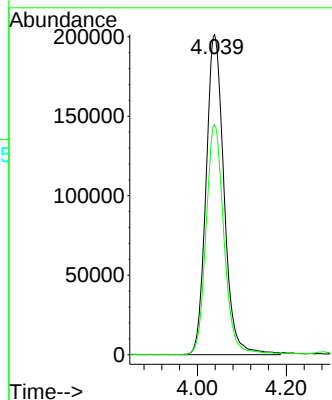
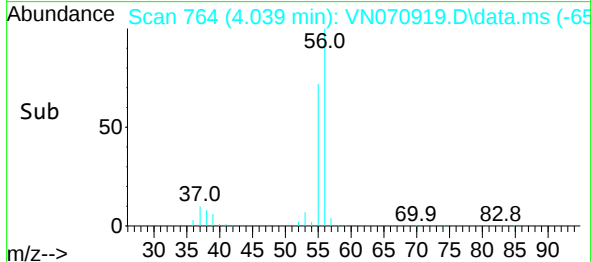
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



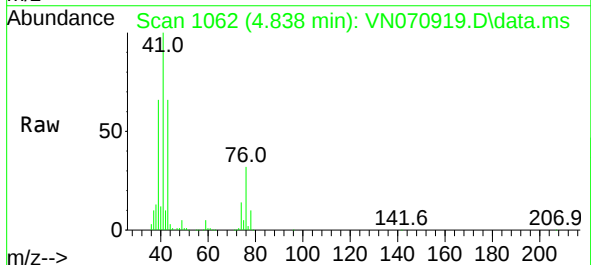
Tgt Ion: 56 Resp: 56354
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

Manual Integrations
APPROVED

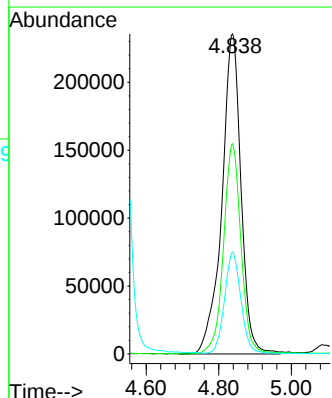
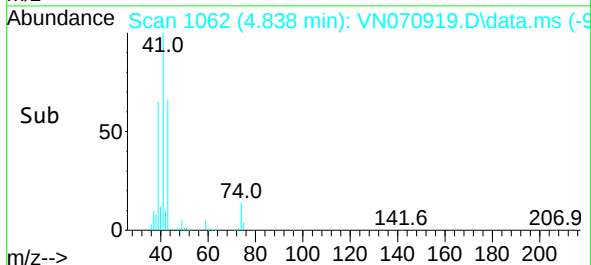
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#14
Allyl chloride
Concen: 45.413 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



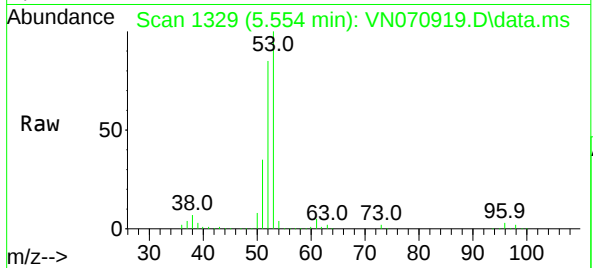
Tgt Ion: 41 Resp: 863702
Ion Ratio Lower Upper
41 100
39 59.8 61.2 91.8#
76 26.8 26.0 39.0





#15
Acrylonitrile
Concen: 238.484 ug/l
RT: 5.554 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

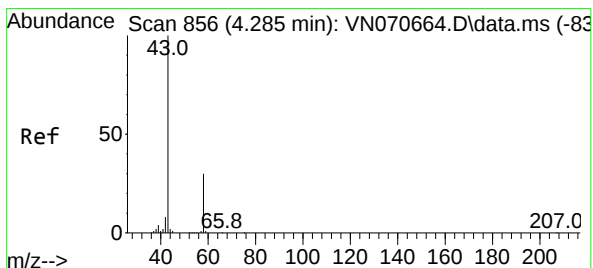
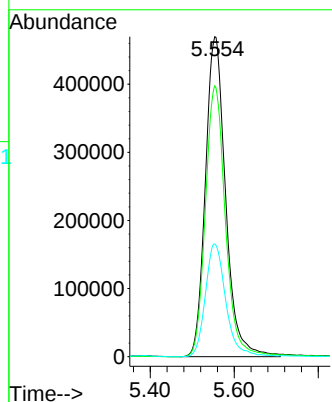
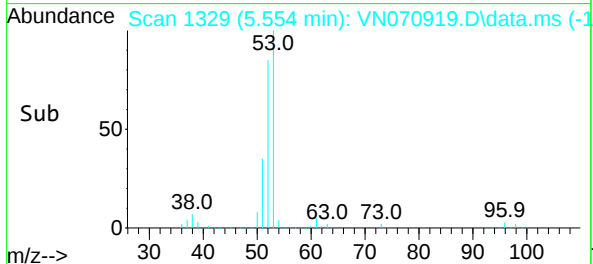
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 156926
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 35.4 29.6 44.4

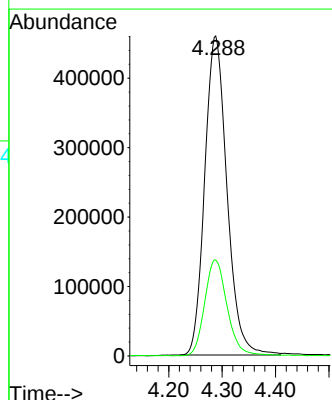
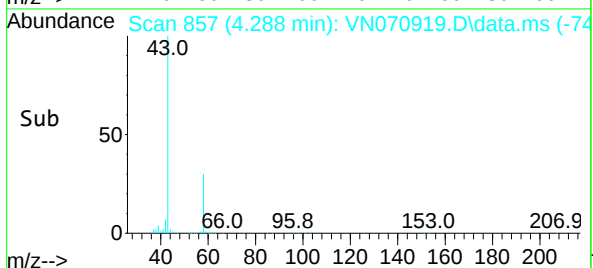
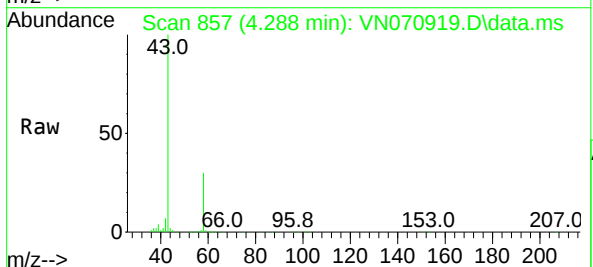
Manual Integrations
APPROVED

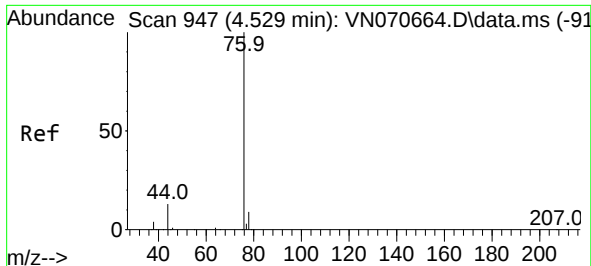
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#16
Acetone
Concen: 198.522 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

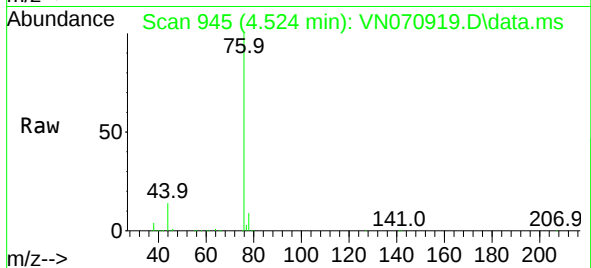
Tgt Ion: 43 Resp: 1331117
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7





#17
Carbon Disulfide
Concen: 43.894 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

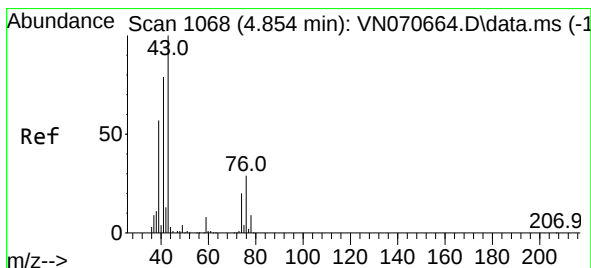
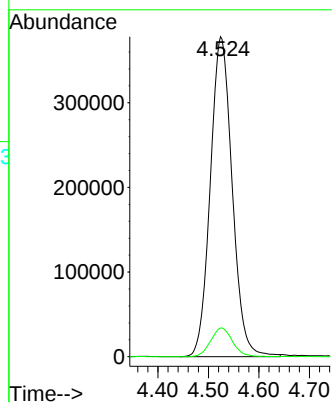
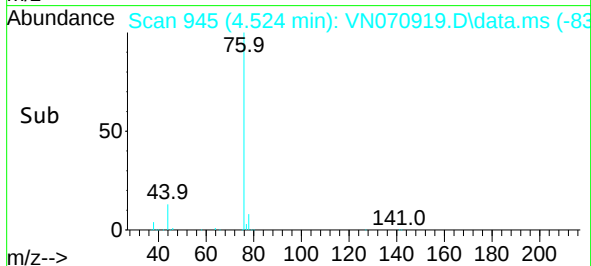
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 113808
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

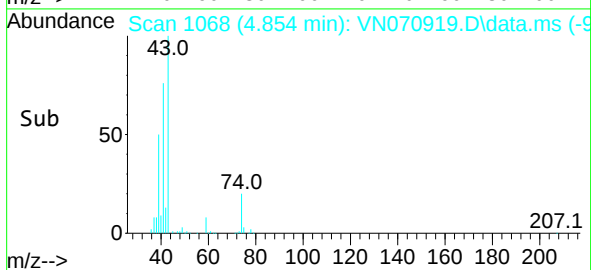
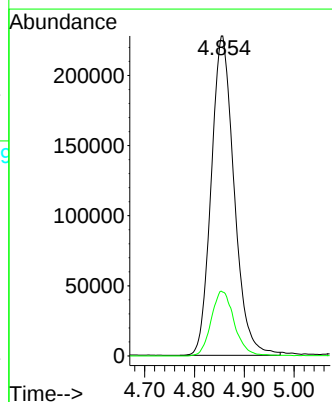
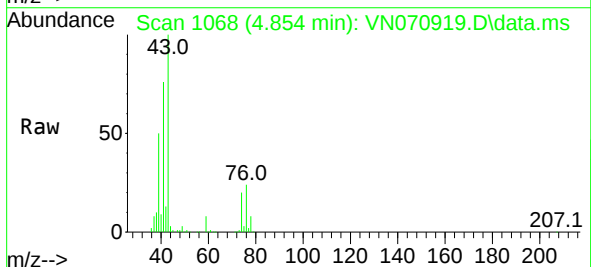
Manual Integrations
APPROVED

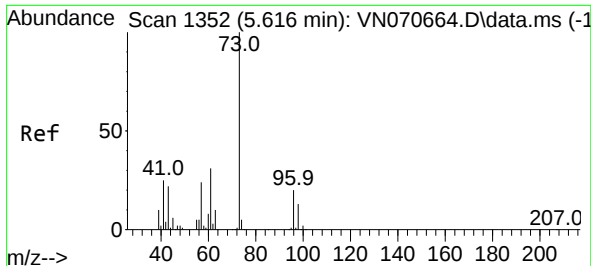
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#18
Methyl Acetate
Concen: 47.535 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

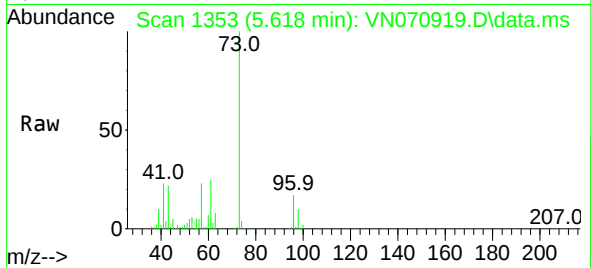
Tgt Ion: 43 Resp: 726954
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 46.484 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

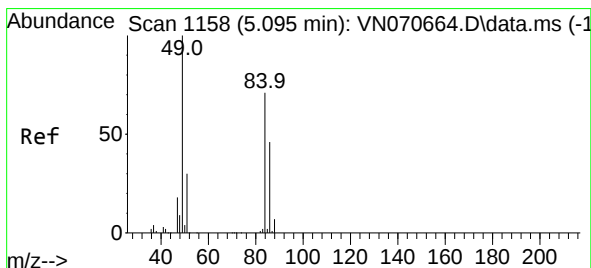
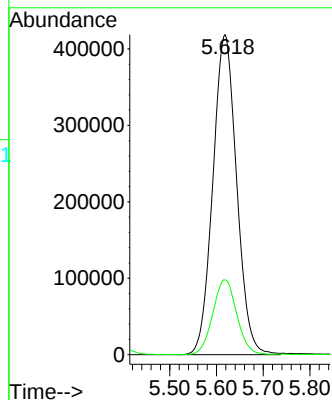
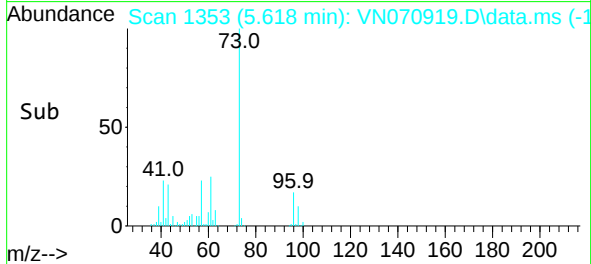
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



Tgt Ion: 73 Resp: 148167
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

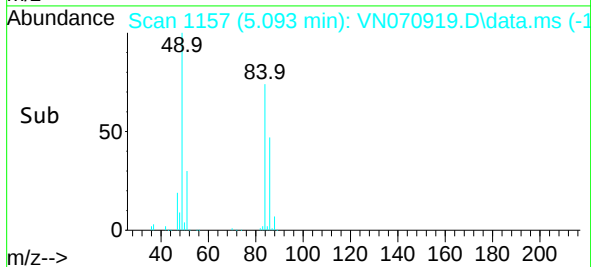
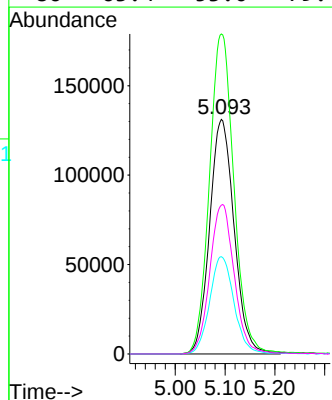
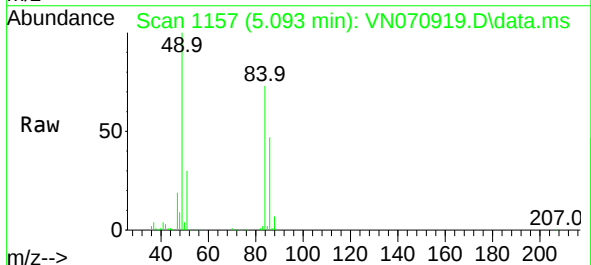
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#20
Methylene Chloride
Concen: 44.037 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

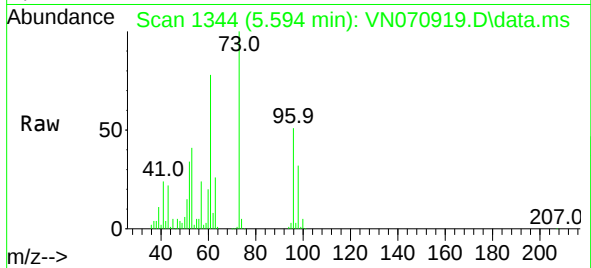
Tgt Ion: 84 Resp: 448394
Ion Ratio Lower Upper
84 100
49 136.4 93.5 140.3
51 41.4 29.4 44.2
86 63.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 44.609 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

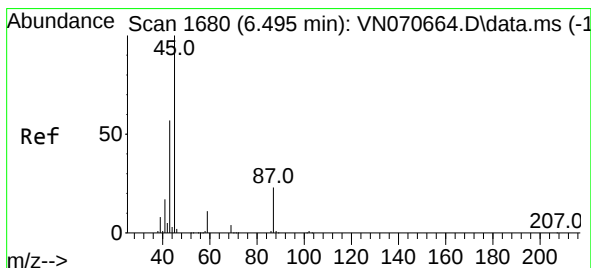
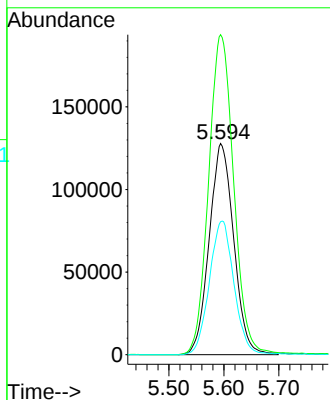
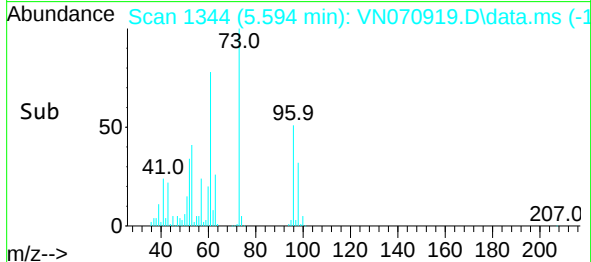
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



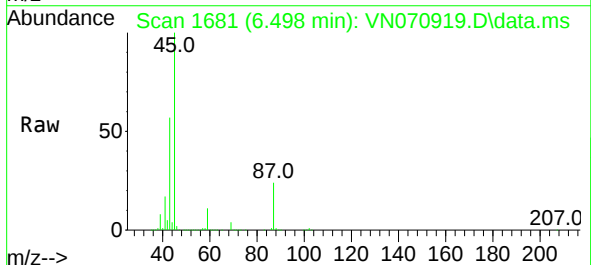
Tgt Ion: 96 Resp: 397070
Ion Ratio Lower Upper
96 100
61 151.5 105.8 158.6
98 63.0 52.0 78.0

Manual Integrations
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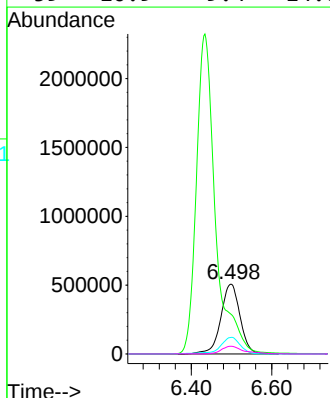
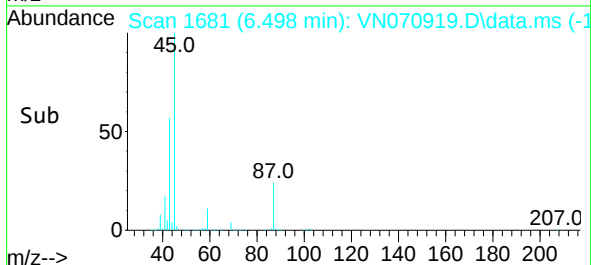
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

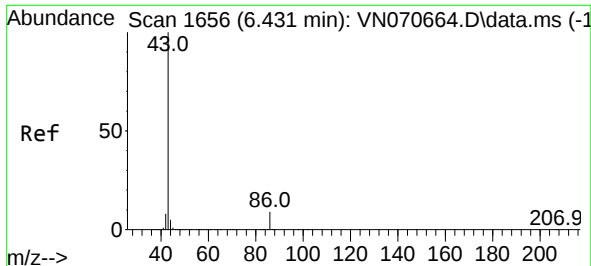


#22
Diisopropyl ether
Concen: 45.758 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



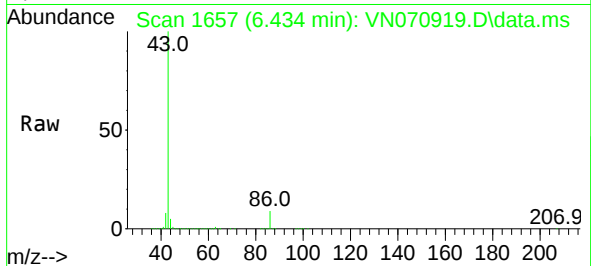
Tgt Ion: 45 Resp: 1685664
Ion Ratio Lower Upper
45 100
43 56.8 51.7 77.5
87 23.7 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 234.672 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070919.D
 Acq: 3 Feb 2022 3:30

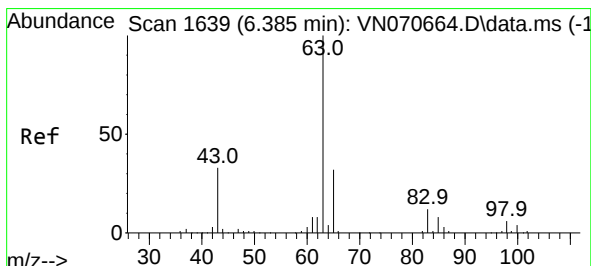
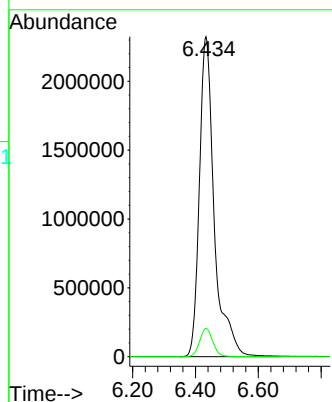
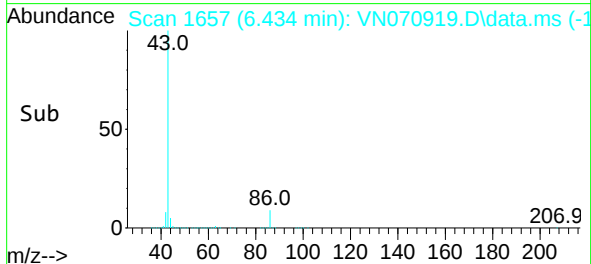
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



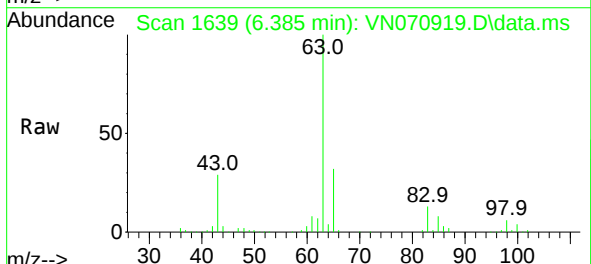
Tgt Ion: 43 Resp: 764664
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

Manual Integrations
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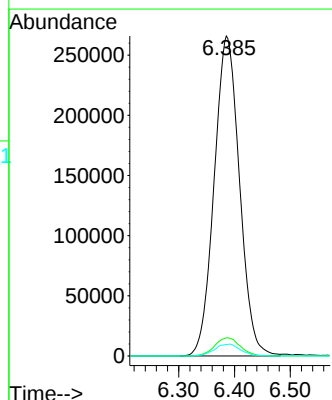
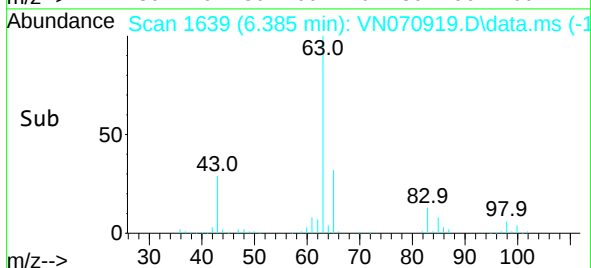
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022

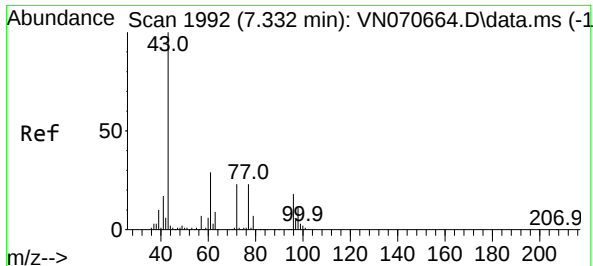


#24
 1,1-Dichloroethane
 Concen: 45.181 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070919.D
 Acq: 3 Feb 2022 3:30



Tgt Ion: 63 Resp: 838047
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 228.754 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.002 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 221401

Ion Ratio Lower Upper

43 100

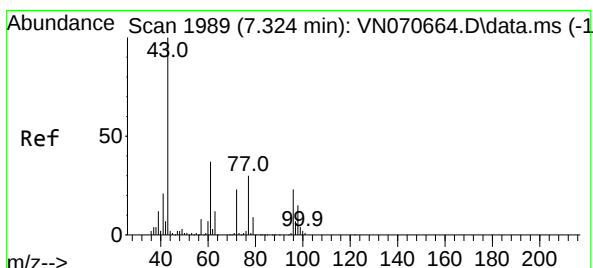
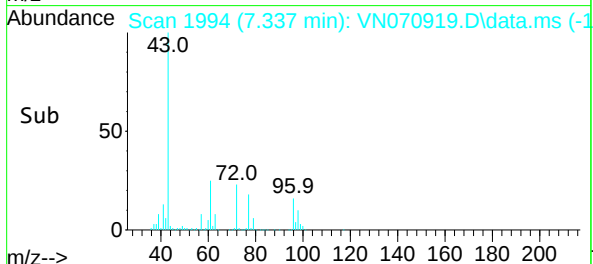
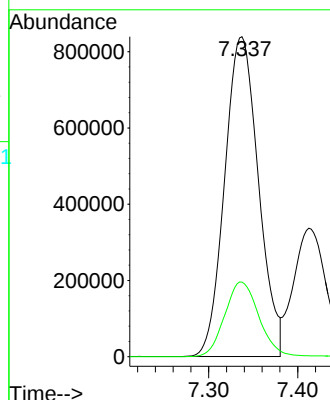
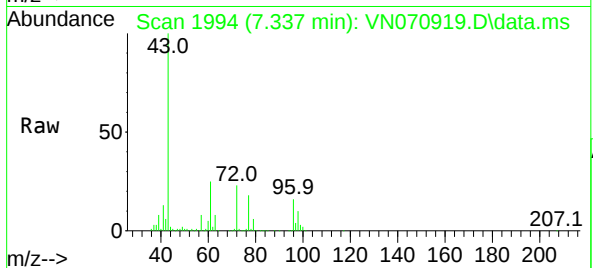
72 23.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#26

2,2-Dichloropropane

Concen: 37.345 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070919.D

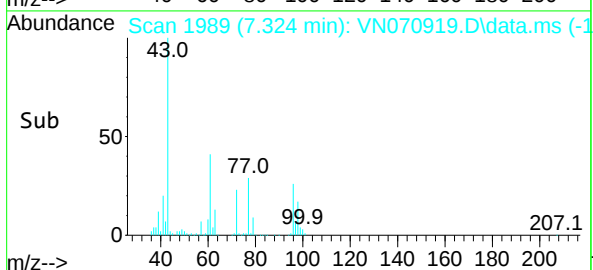
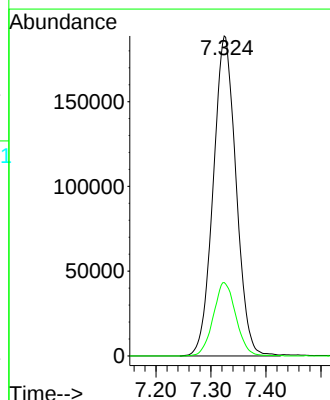
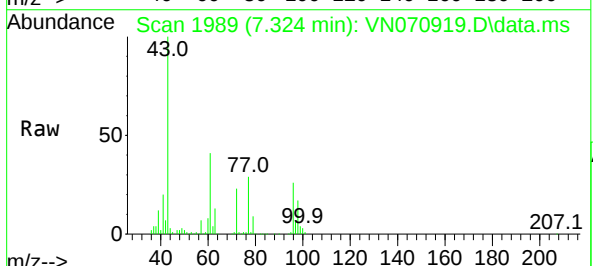
Acq: 3 Feb 2022 3:30

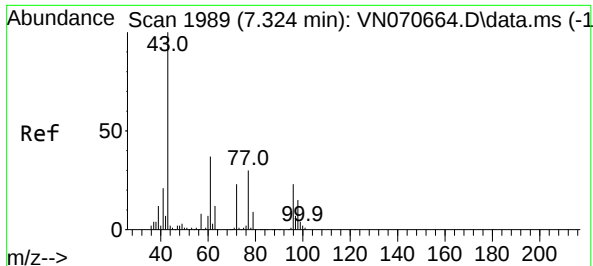
Tgt Ion: 77 Resp: 544012

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 44.635 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 46924

Ion Ratio Lower Upper

96 100

61 154.4 0.0 275.0

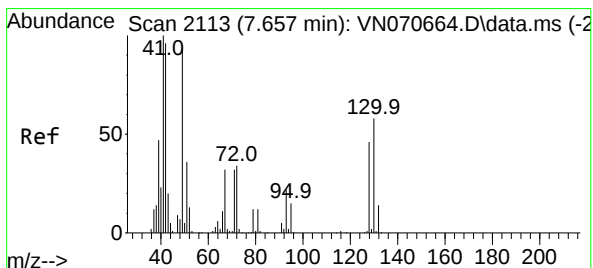
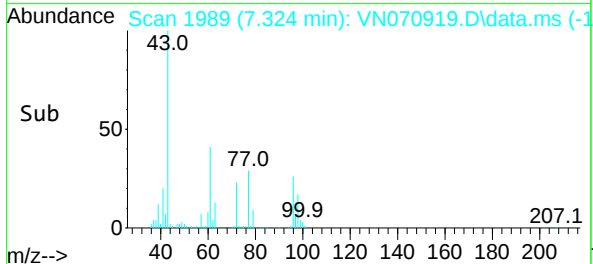
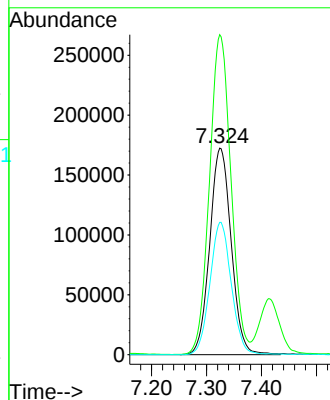
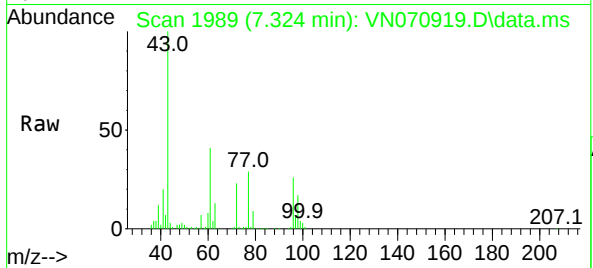
98 63.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#28

Bromochloromethane

Concen: 46.585 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. -0.001 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

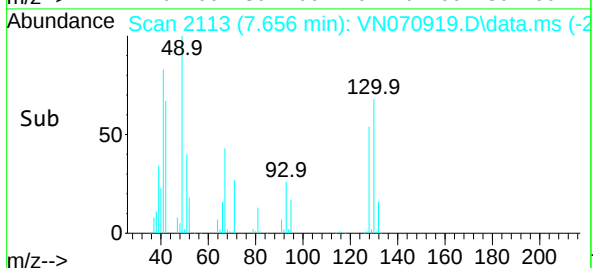
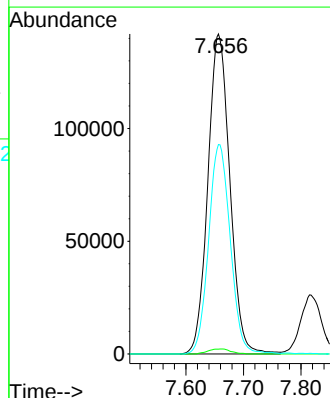
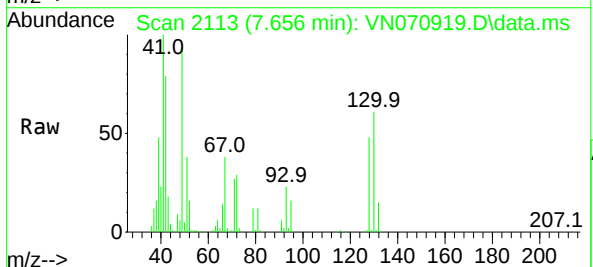
Tgt Ion: 49 Resp: 377058

Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 64.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 241.426 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. -0.000 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 151777

Ion Ratio Lower Upper

42 100

72 37.7 36.3 54.5

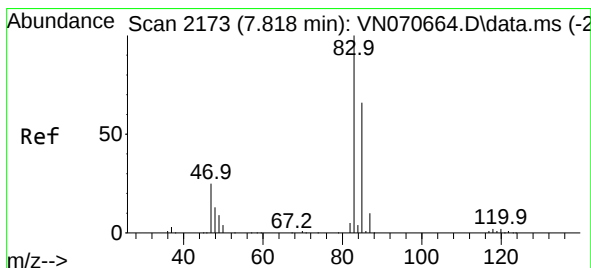
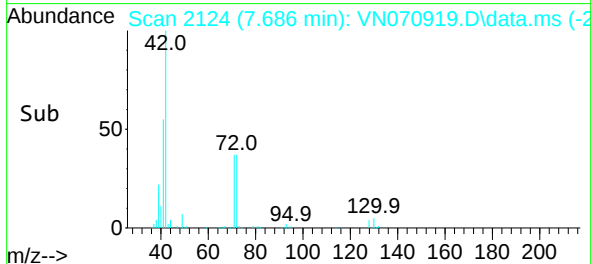
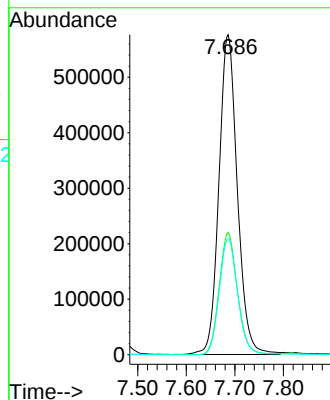
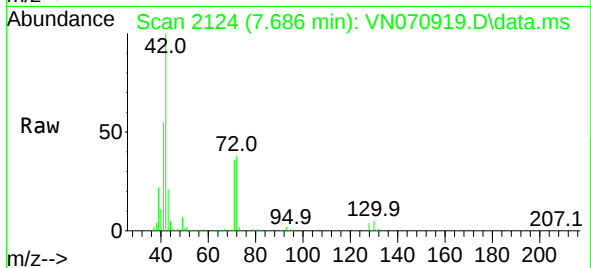
71 36.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

Chloroform

Concen: 44.619 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.001 min

Lab File: VN070919.D

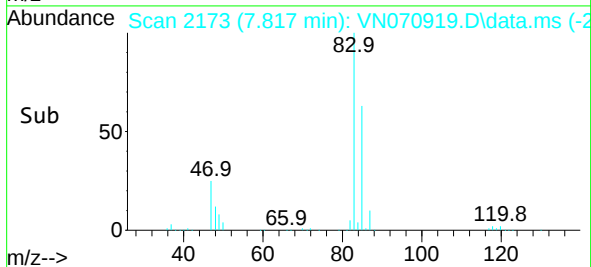
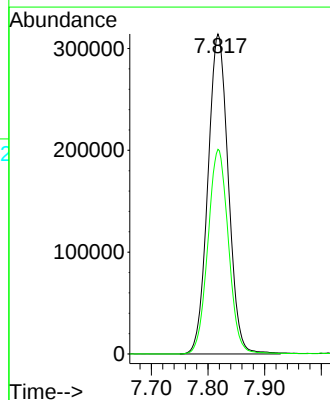
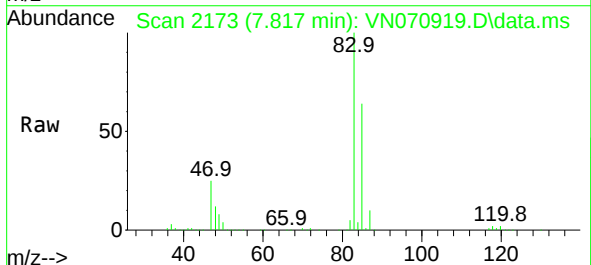
Acq: 3 Feb 2022 3:30

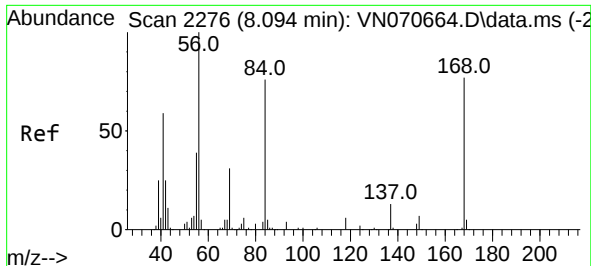
Tgt Ion: 83 Resp: 787342

Ion Ratio Lower Upper

83 100

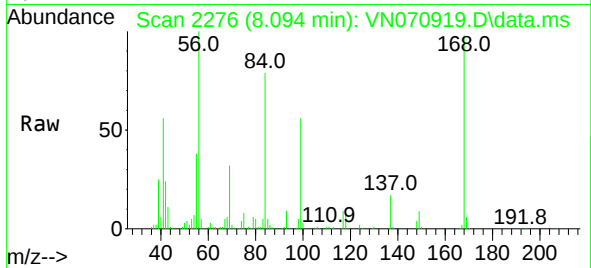
85 64.0 51.9 77.9





#31
Cyclohexane
Concen: 43.393 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

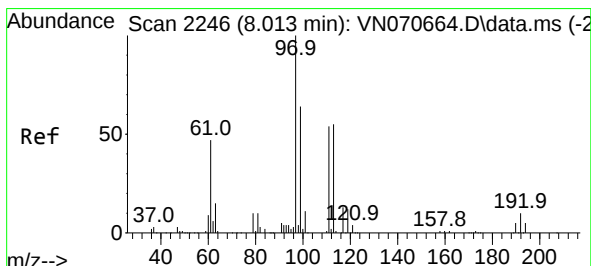
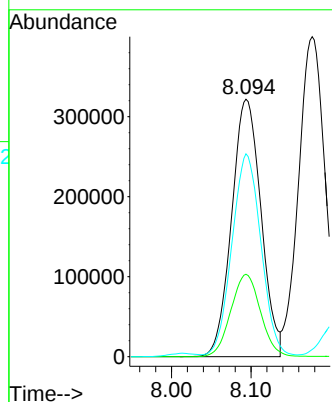
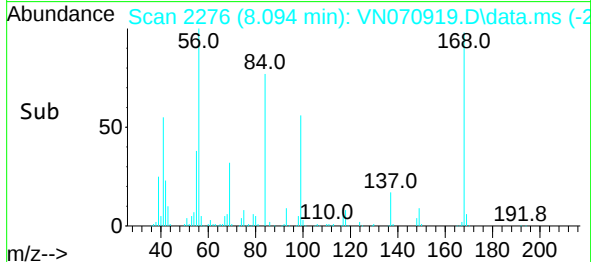
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



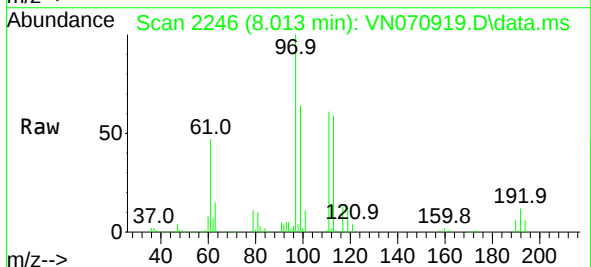
Tgt Ion: 56 Resp: 82674
Ion Ratio Lower Upper
56 100
69 32.0 27.1 40.7
84 77.5 73.4 110.0

Manual Integrations
APPROVED

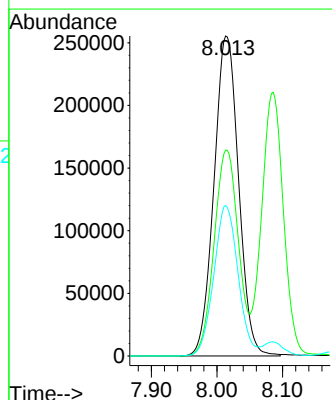
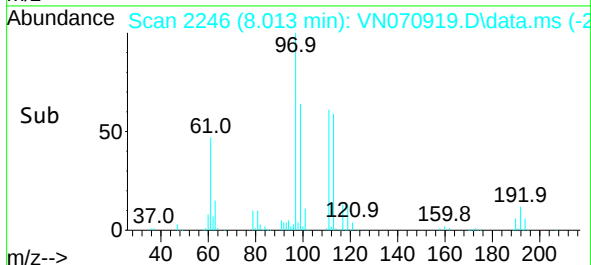
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

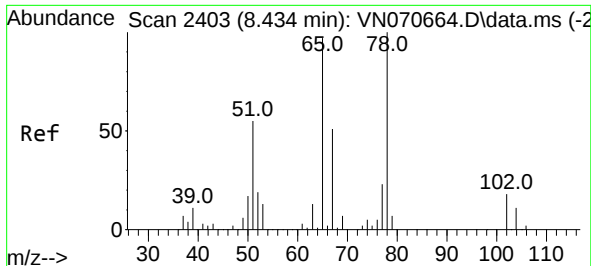


#32
1,1,1-Trichloroethane
Concen: 44.666 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



Tgt Ion: 97 Resp: 665285
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 46.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.499 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. -0.000 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 566274

Ion Ratio Lower Upper

65 100

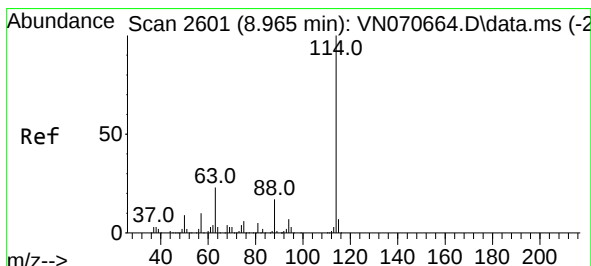
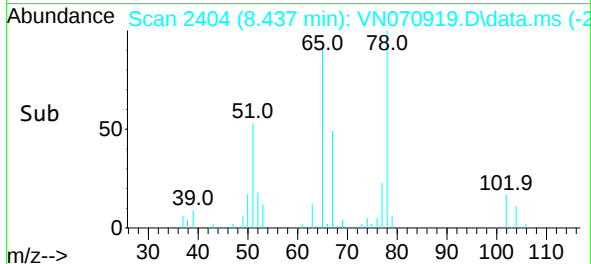
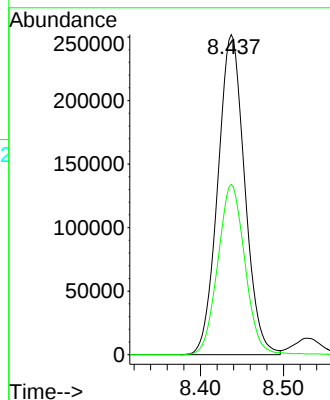
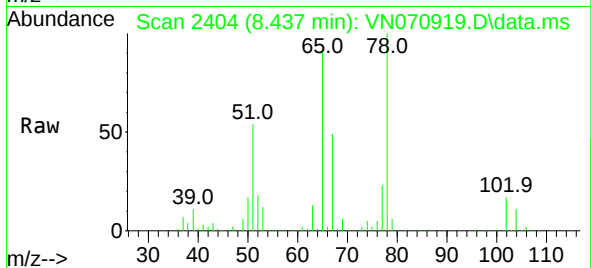
67 53.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

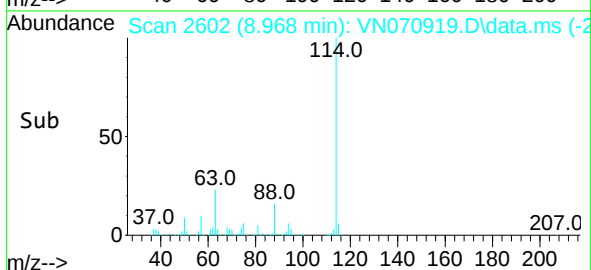
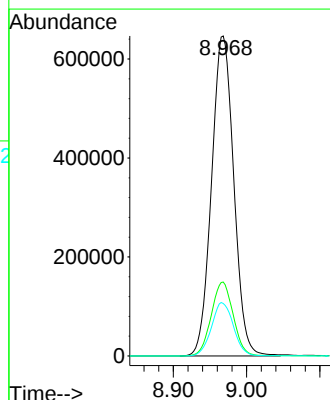
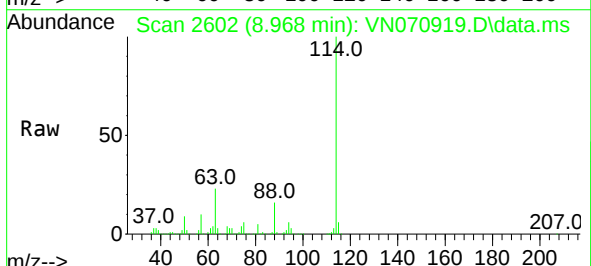
Tgt Ion:114 Resp: 1362296

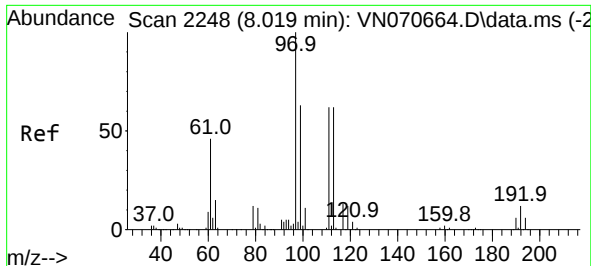
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

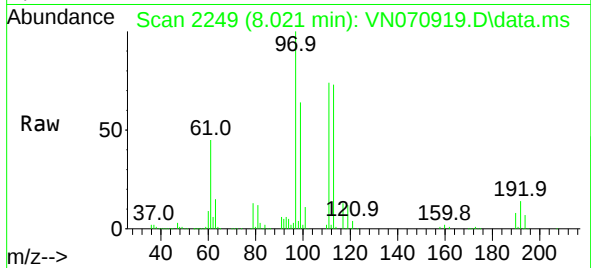
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.766 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

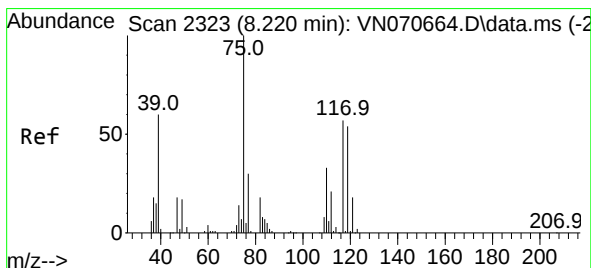
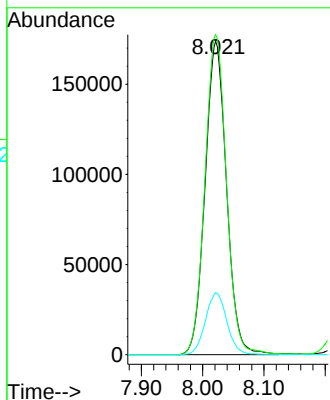
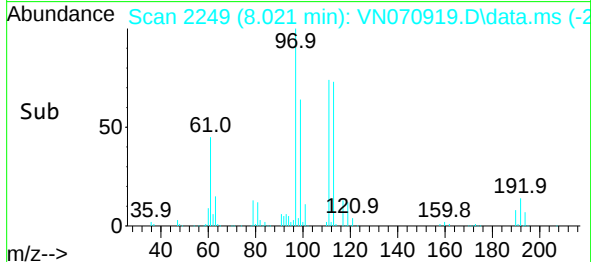
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 42246
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.8 16.9 25.3

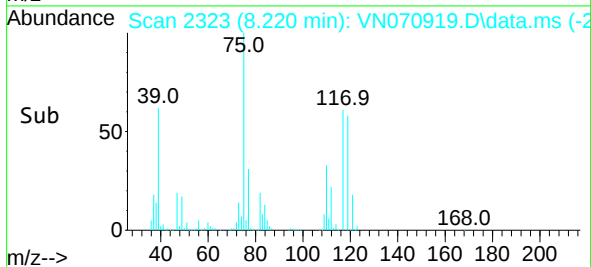
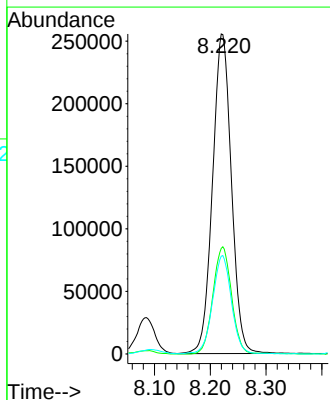
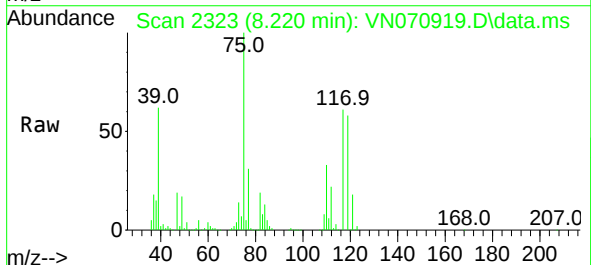
Manual Integrations
APPROVED

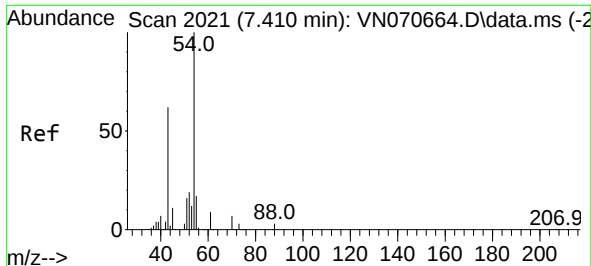
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#36
1,1-Dichloropropene
Concen: 45.171 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Tgt Ion: 75 Resp: 598868
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 47.676 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.001 min

Lab File: VN070919.D

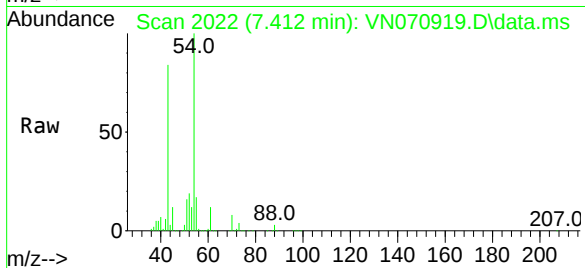
Acq: 3 Feb 2022 3:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



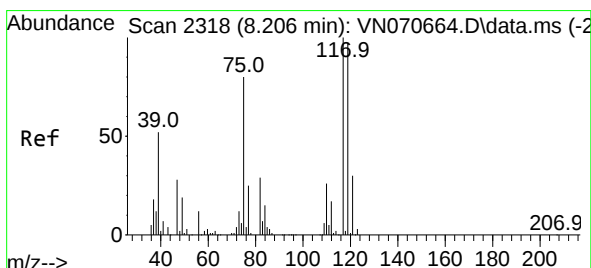
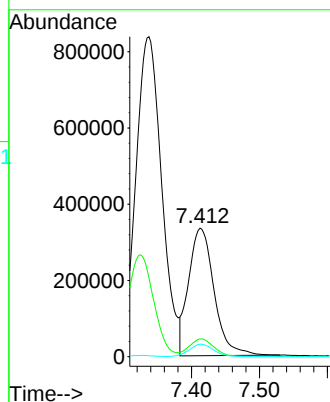
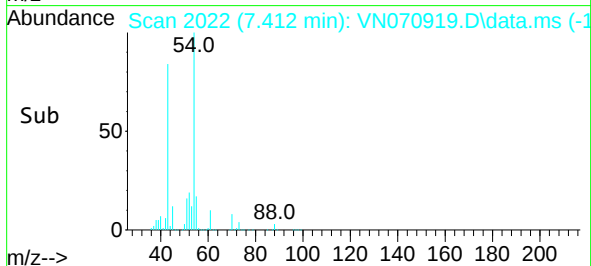
Tgt Ion:	43	Resp:	871159
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	9.2	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#38

Carbon Tetrachloride

Concen: 45.900 ug/l

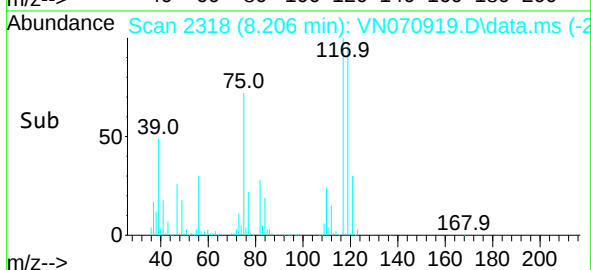
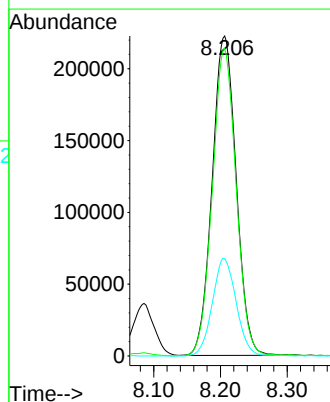
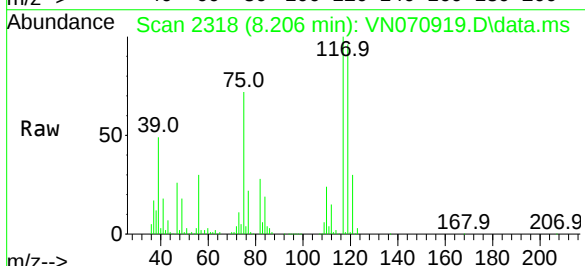
RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

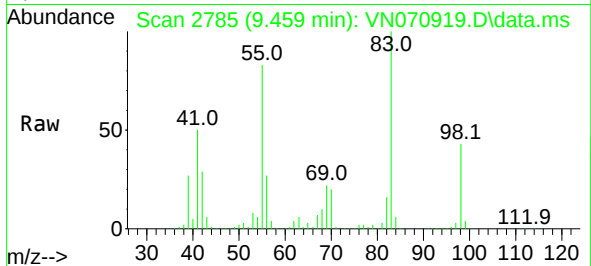
Tgt Ion:	117	Resp:	555743
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.1	114.1
121	30.4	24.2	36.2





#39
Methylcyclohexane
Concen: 45.196 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

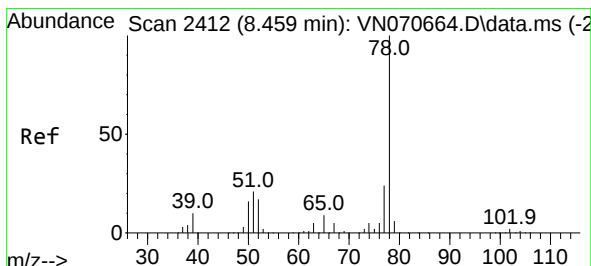
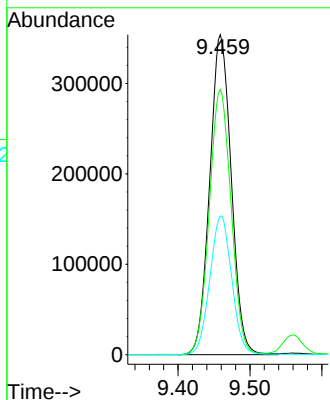
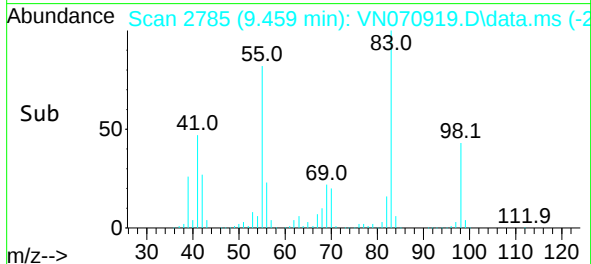
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 73661
Ion Ratio Lower Upper
83 100
55 82.8 58.1 87.1
98 43.3 38.4 57.6

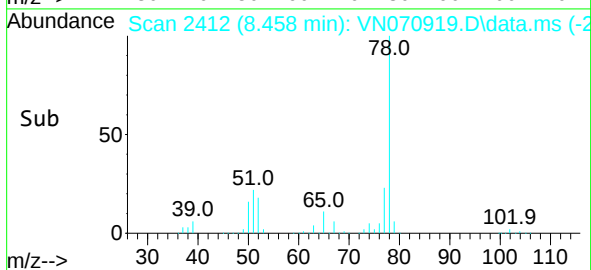
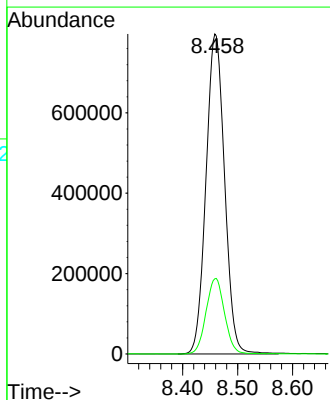
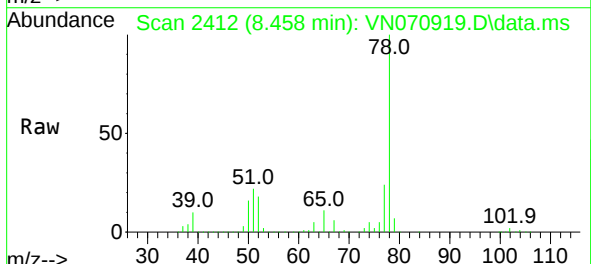
Manual Integrations
APPROVED

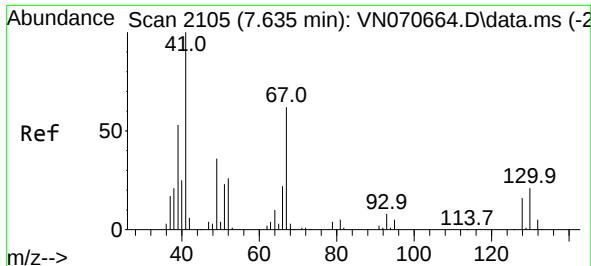
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#40
Benzene
Concen: 44.900 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

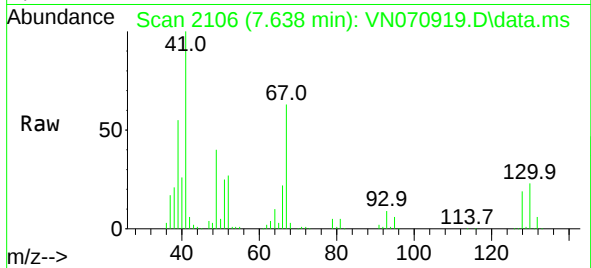
Tgt Ion: 78 Resp: 1870177
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 46.860 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

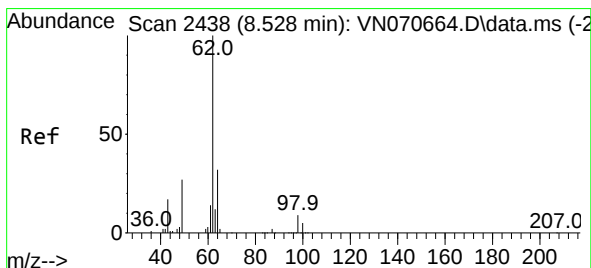
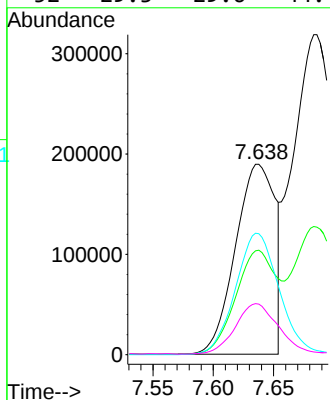
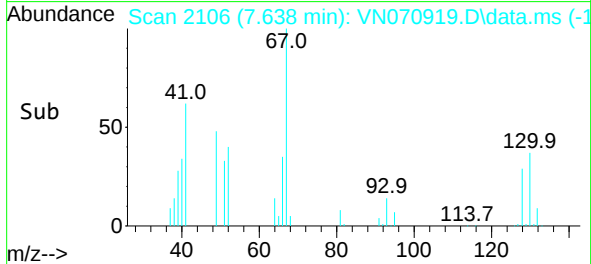
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



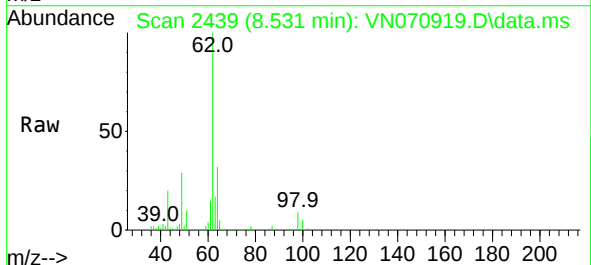
Tgt Ion: 41 Resp: 43021
Ion Ratio Lower Upper
41 100
39 58.9 48.1 72.1
67 71.3 68.3 102.5
52 29.3 29.6 44.4#

Manual Integrations
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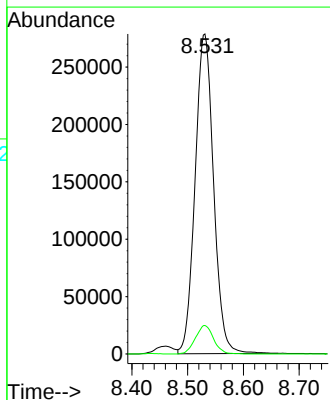
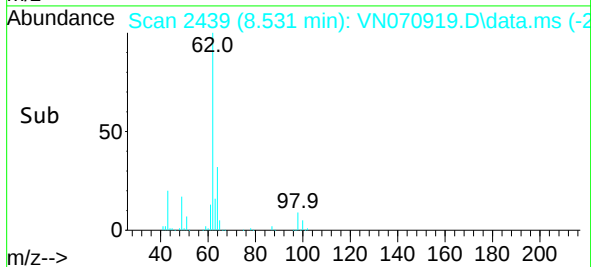
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

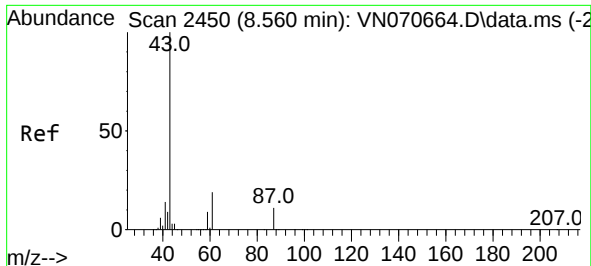


#42
1,2-Dichloroethane
Concen: 45.208 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



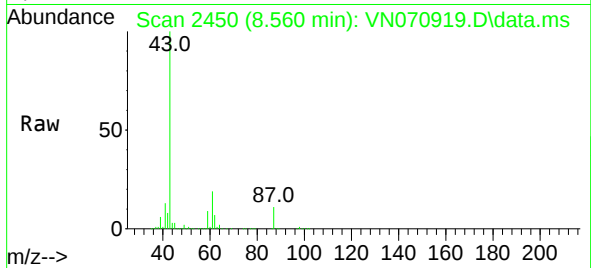
Tgt Ion: 62 Resp: 641032
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 44.070 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

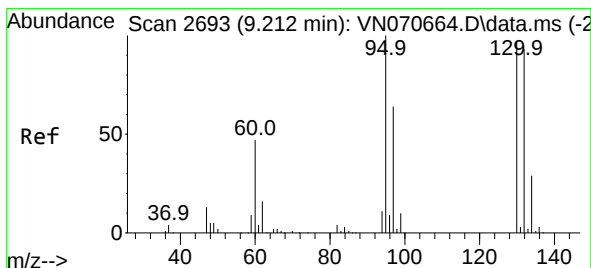
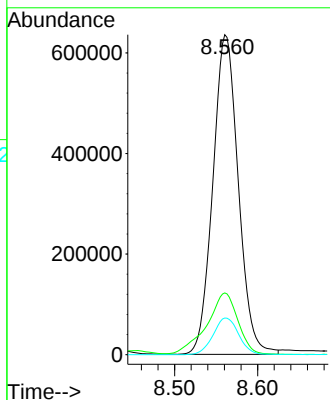
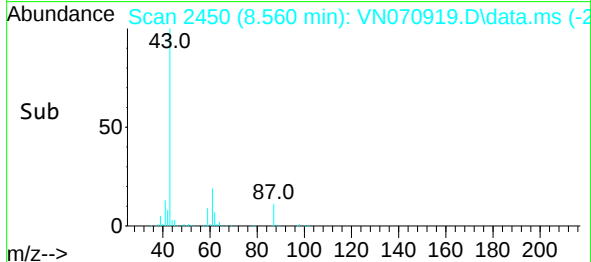
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1353719
Ion Ratio Lower Upper
43 100
61 23.7 20.4 30.6
87 11.6 11.2 16.8

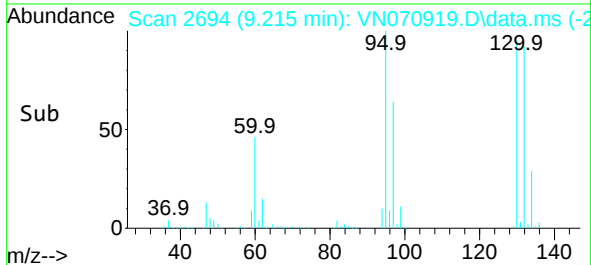
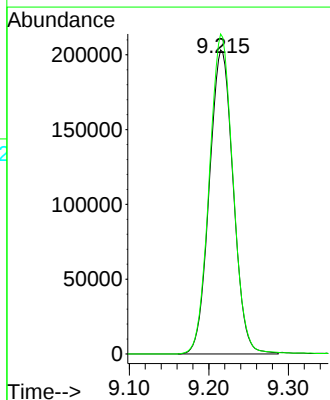
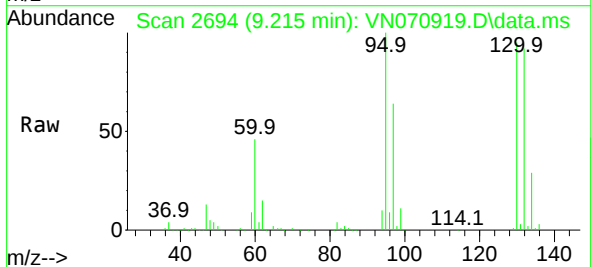
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#44
Trichloroethene
Concen: 44.082 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Tgt Ion:130 Resp: 424863
Ion Ratio Lower Upper
130 100
95 105.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 45.861 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 51152

Ion Ratio Lower Upper

63 100

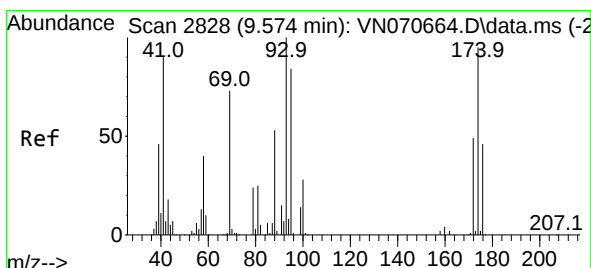
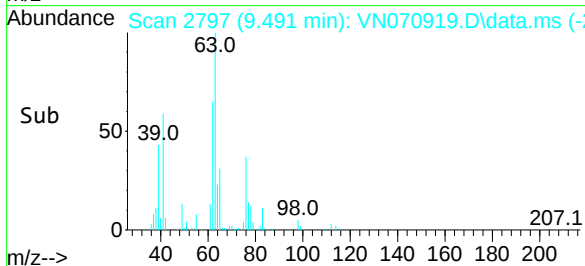
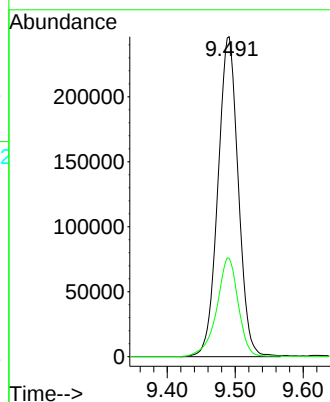
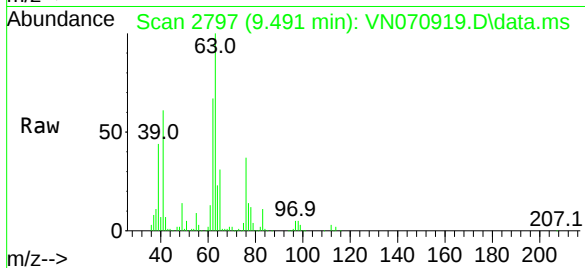
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Dibromomethane

Concen: 45.853 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

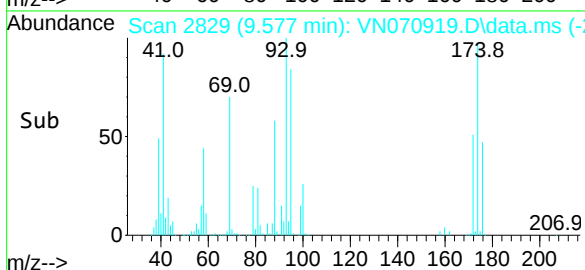
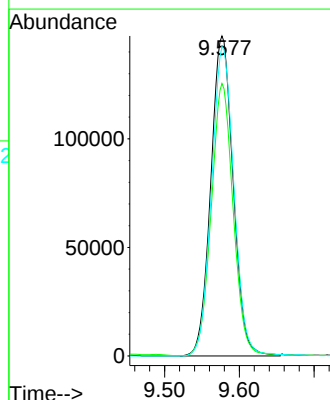
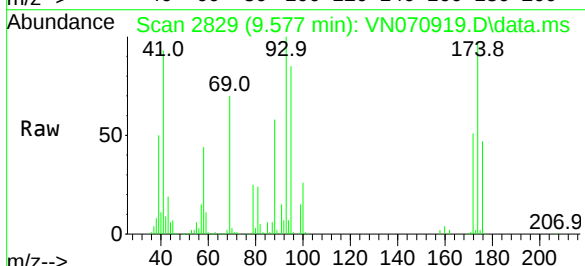
Tgt Ion: 93 Resp: 306375

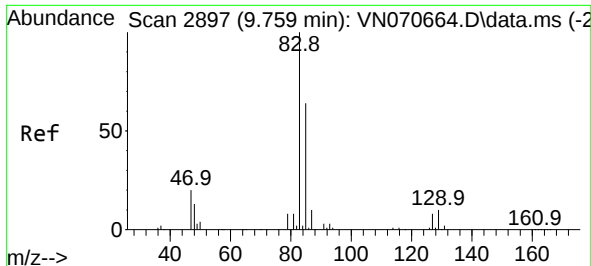
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 96.8 84.6 127.0





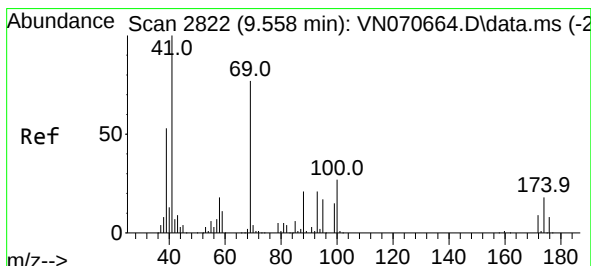
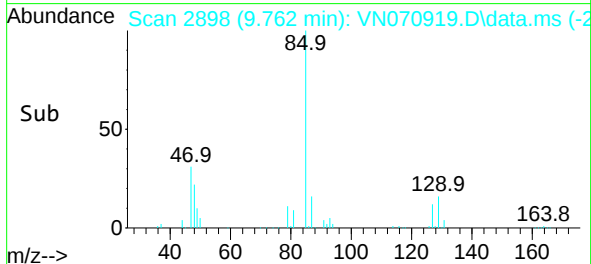
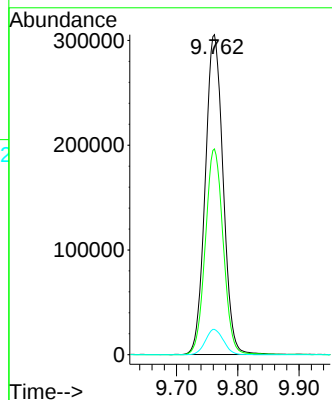
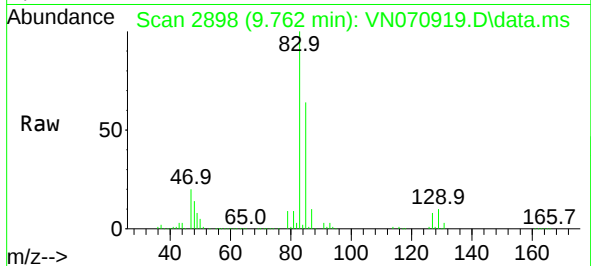
#47
Bromodichloromethane
Concen: 45.928 ug/l
RT: 9.762 min Scan# 2897
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 618129
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 7.9 7.1 10.7

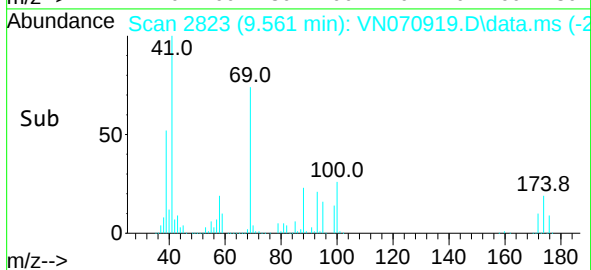
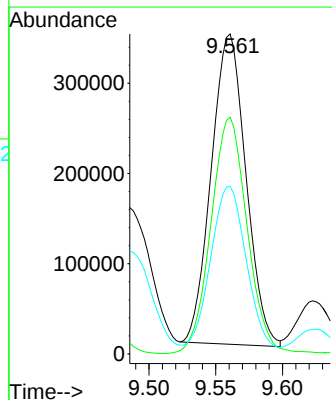
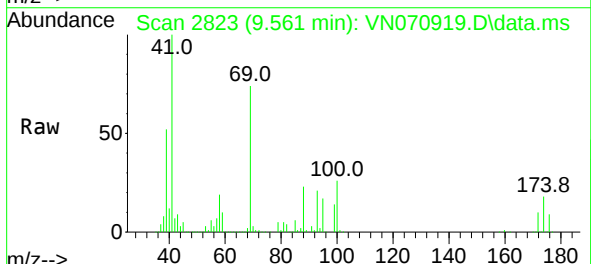
Manual Integrations
APPROVED

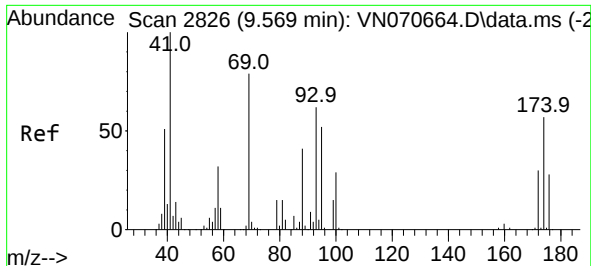
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#48
Methyl methacrylate
Concen: 46.945 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

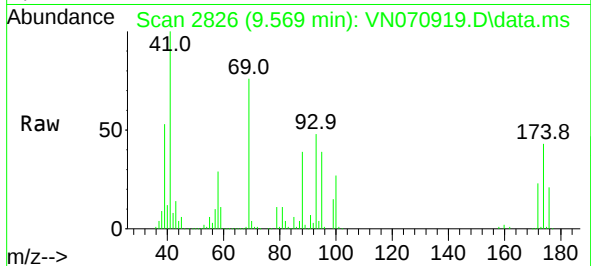
Tgt Ion: 41 Resp: 621731
Ion Ratio Lower Upper
41 100
69 79.8 72.4 108.6
39 52.7 58.4 87.6#





#49
1,4-Dioxane
Concen: 965.935 ug/l
RT: 9.569 min Scan# 214302
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

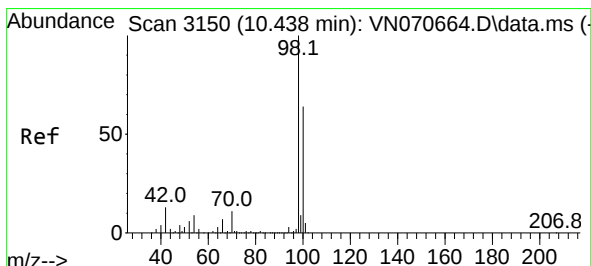
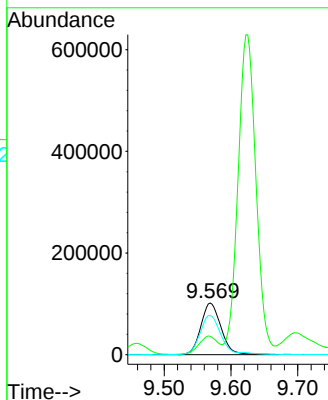
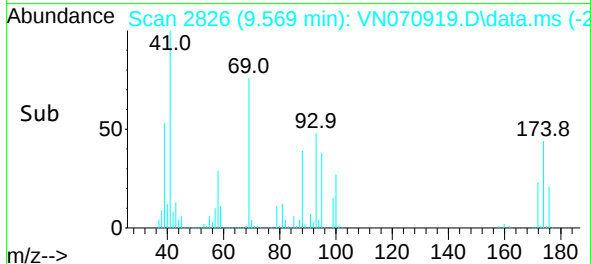
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



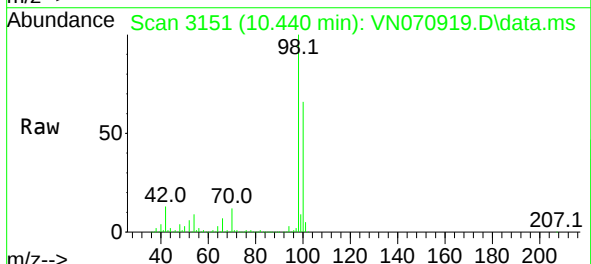
Tgt Ion: 88 Resp: 214302
Ion Ratio Lower Upper
88 100
43 33.7 23.4 35.2
58 76.9 50.6 75.8

Manual Integrations
APPROVED

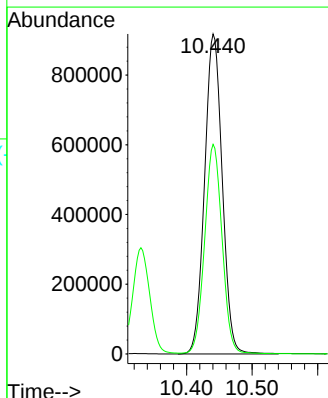
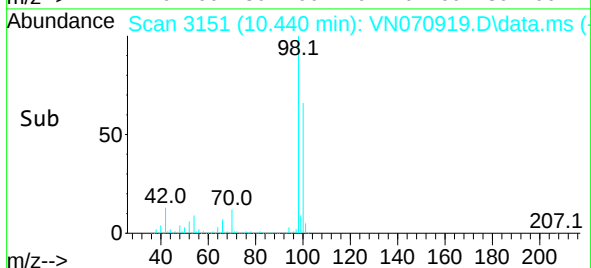
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#50
Toluene-d8
Concen: 51.190 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



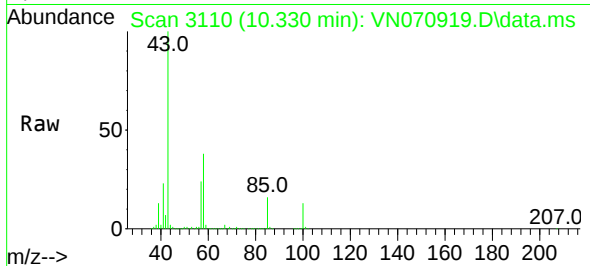
Tgt Ion: 98 Resp: 1715277
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 242.665 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

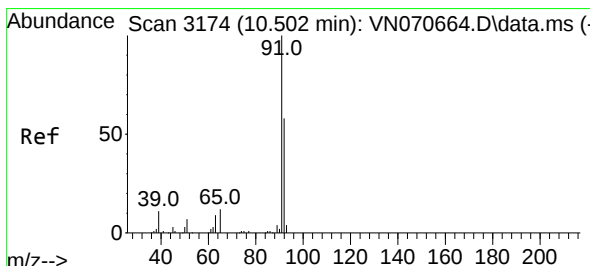
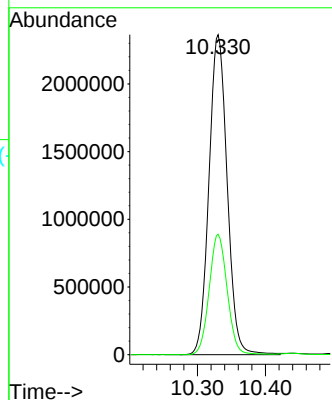
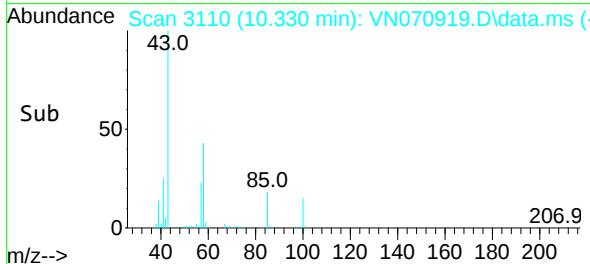
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4387470
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

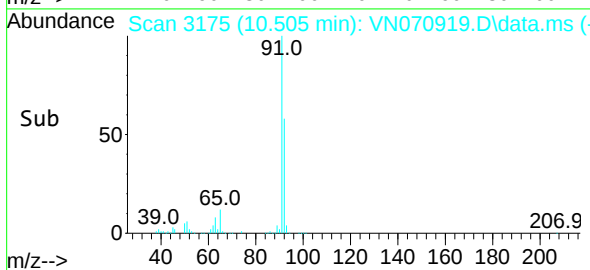
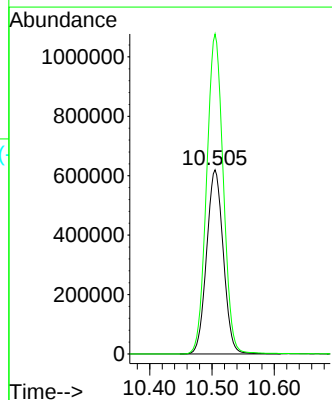
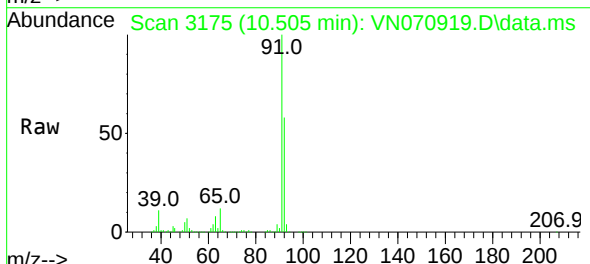
Manual Integrations
APPROVED

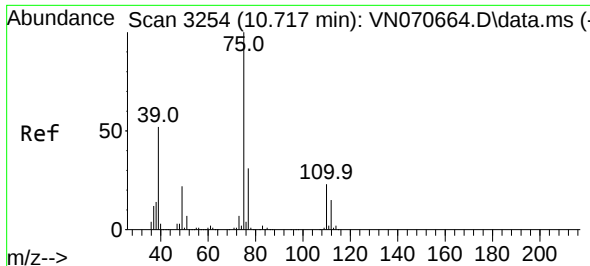
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#52
Toluene
Concen: 44.606 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

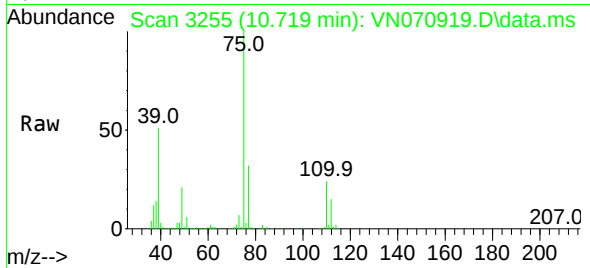
Tgt Ion: 92 Resp: 1151185
Ion Ratio Lower Upper
92 100
91 173.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 45.050 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

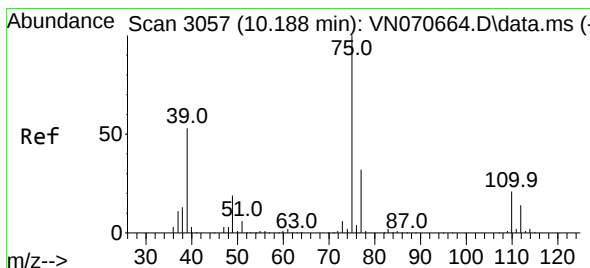
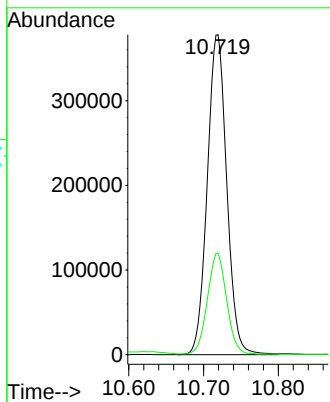
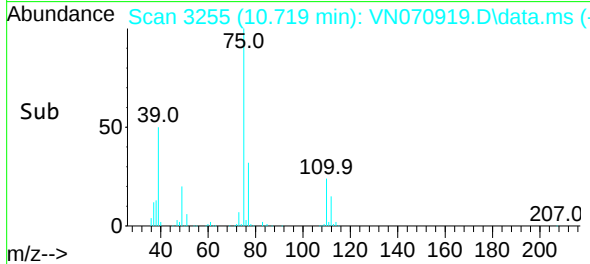
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 684268
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

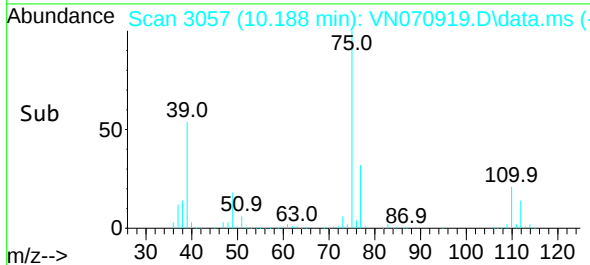
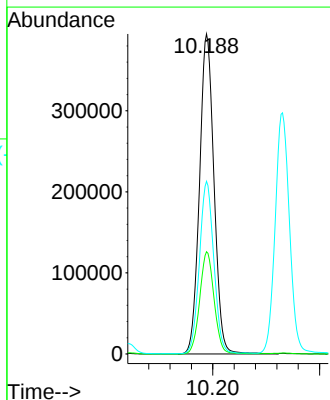
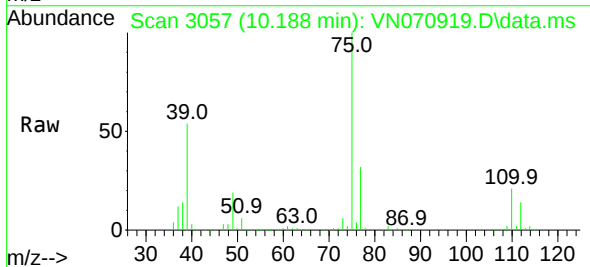
Manual Integrations
APPROVED

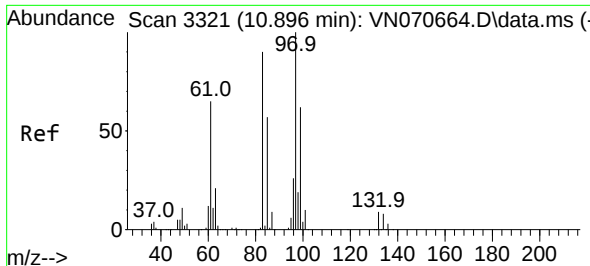
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#54
cis-1,3-Dichloropropene
Concen: 45.092 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

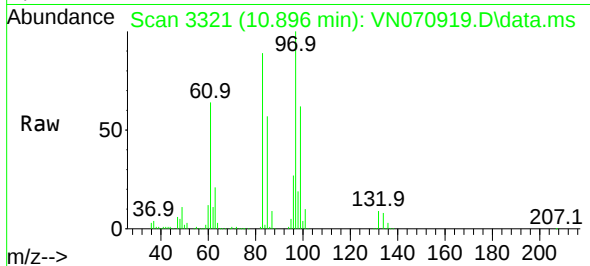
Tgt Ion: 75 Resp: 744917
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 53.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 45.443 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

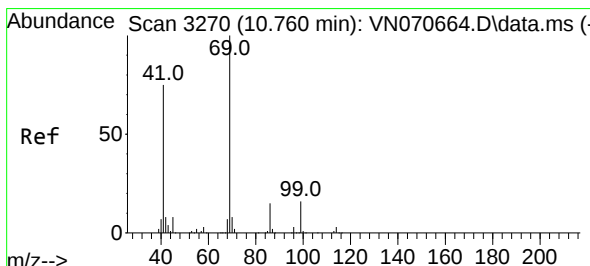
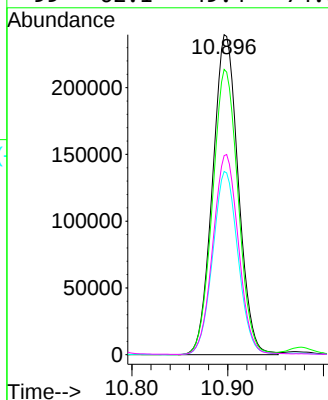
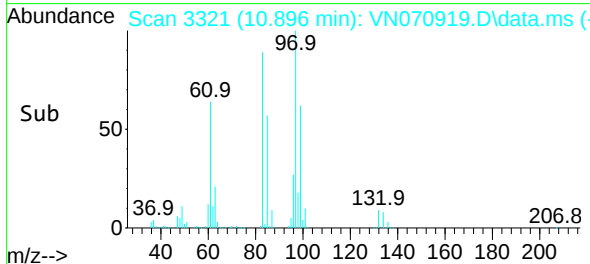
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 44540
Ion Ratio Lower Upper
97 100
83 89.1 67.8 101.6
85 57.2 45.4 68.2
99 62.1 49.4 74.0

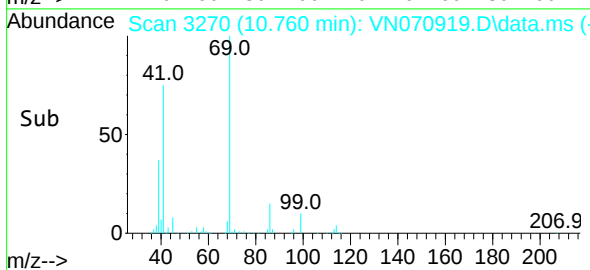
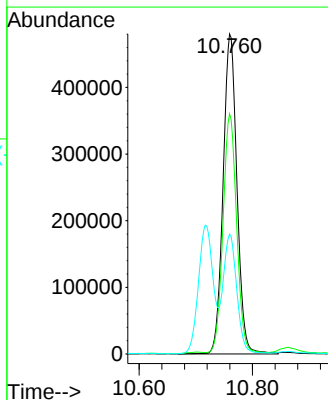
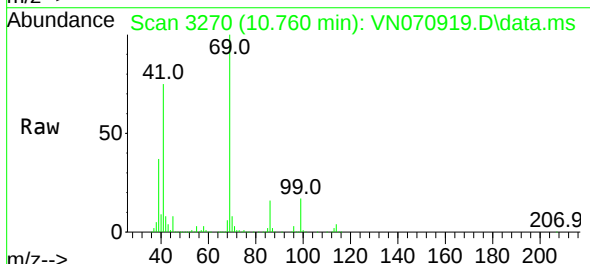
Manual Integrations
APPROVED

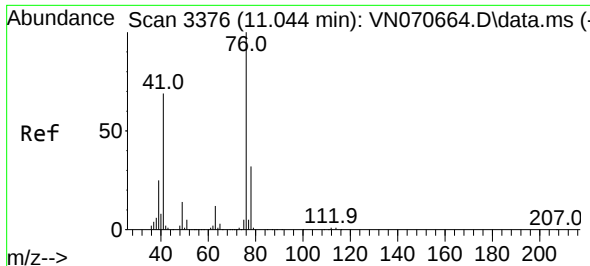
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#56
Ethyl methacrylate
Concen: 47.947 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Tgt Ion: 69 Resp: 818520
Ion Ratio Lower Upper
69 100
41 73.1 51.4 77.0
39 35.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 46.269 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 79389

Ion Ratio Lower Upper

76 100

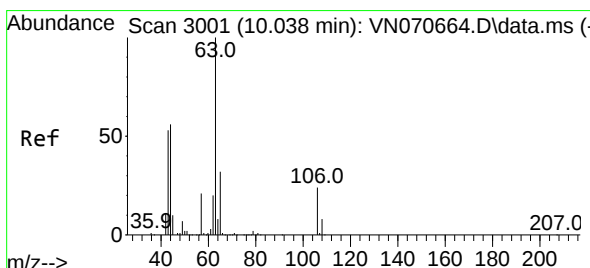
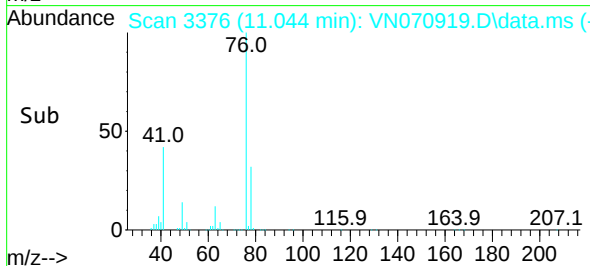
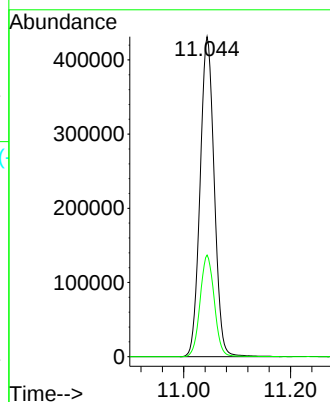
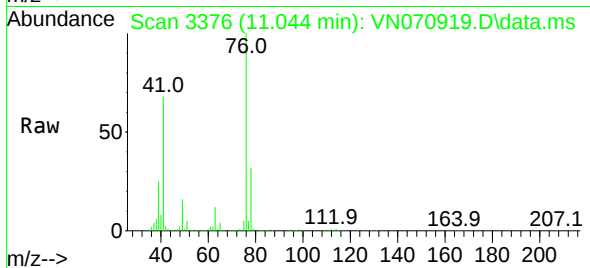
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 233.122 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070919.D

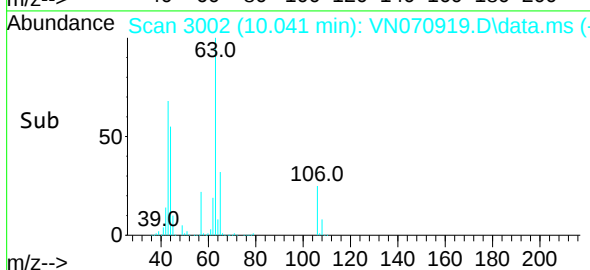
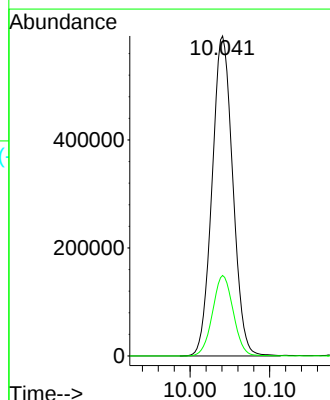
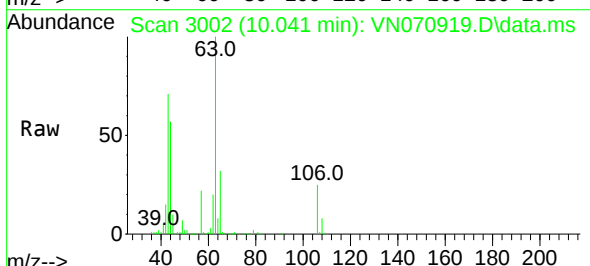
Acq: 3 Feb 2022 3:30

Tgt Ion: 63 Resp: 1070971

Ion Ratio Lower Upper

63 100

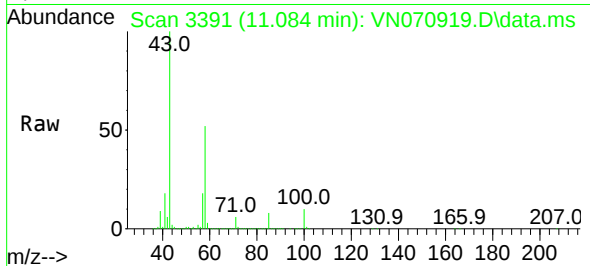
106 25.2 23.9 35.9





#59
2-Hexanone
Concen: 244.938 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

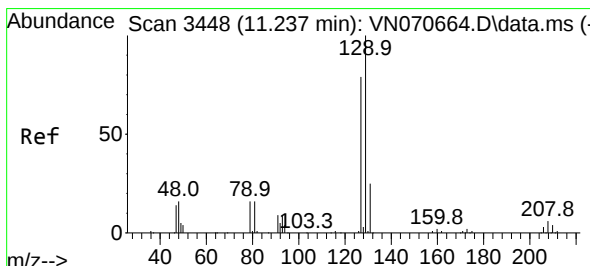
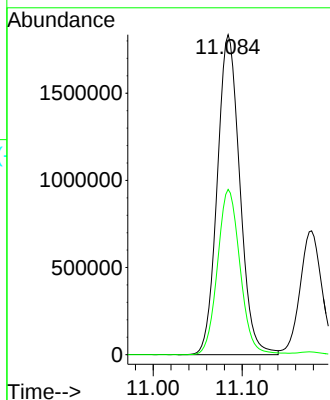
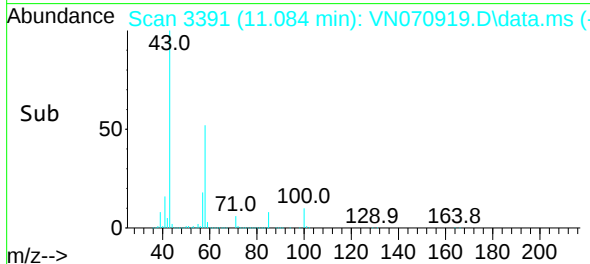
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3233354
Ion Ratio Lower Upper
43 100
58 51.8 26.9 80.7

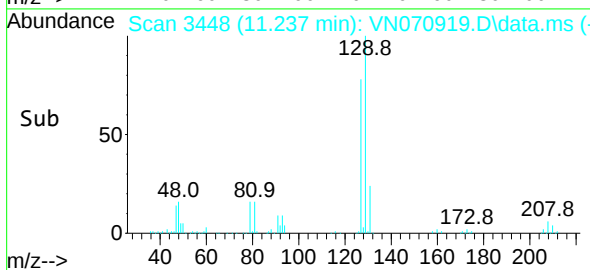
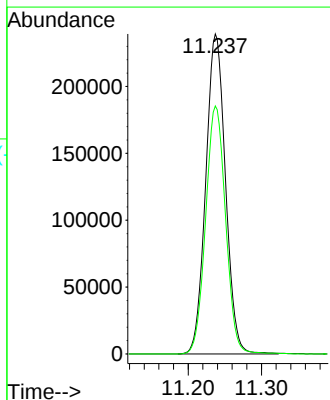
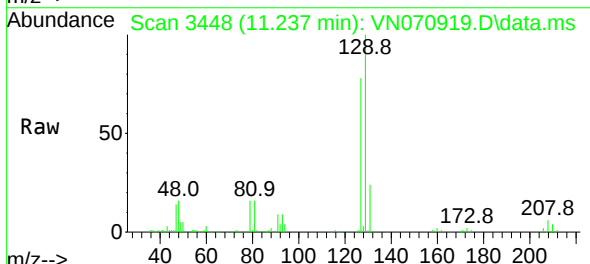
Manual Integrations
APPROVED

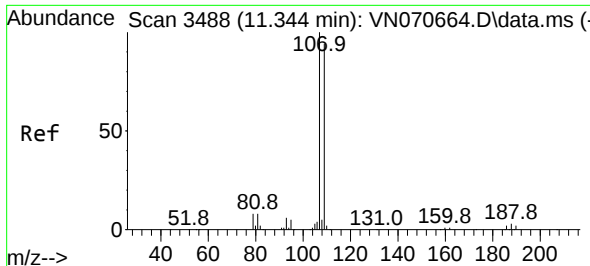
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#60
Dibromochloromethane
Concen: 45.982 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

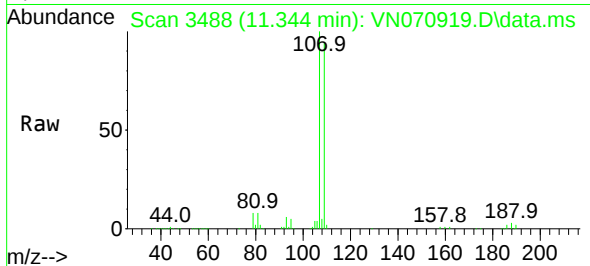
Tgt Ion:129 Resp: 447007
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.882 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

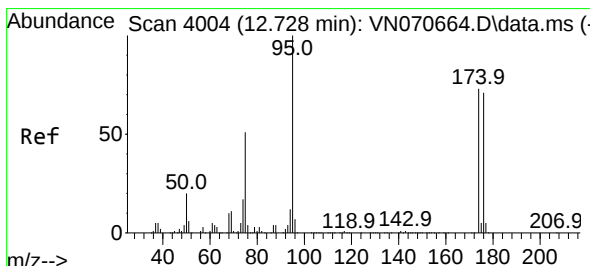
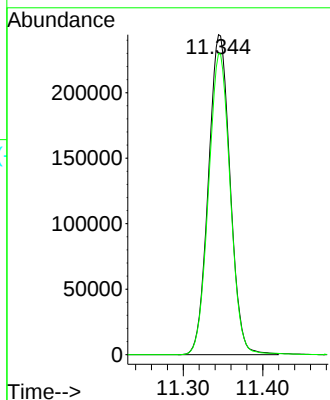
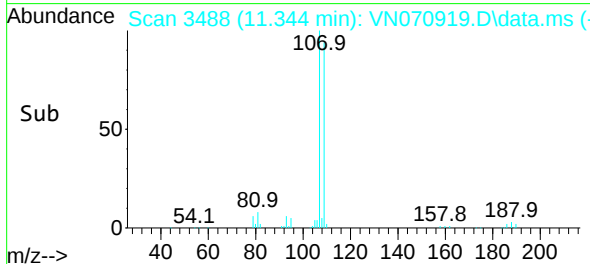
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



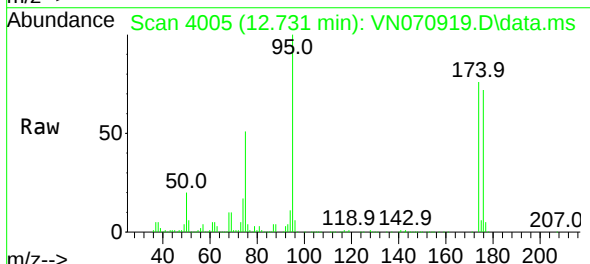
Tgt Ion: 107 Resp: 46250
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
APPROVED

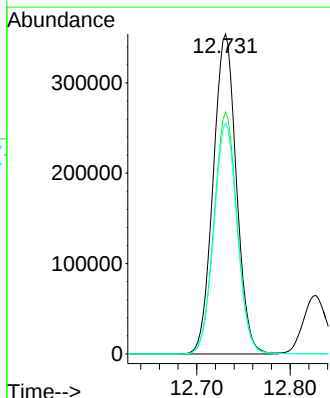
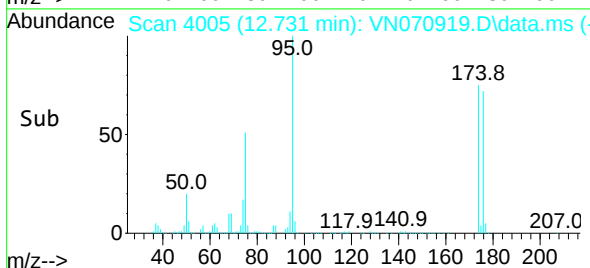
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

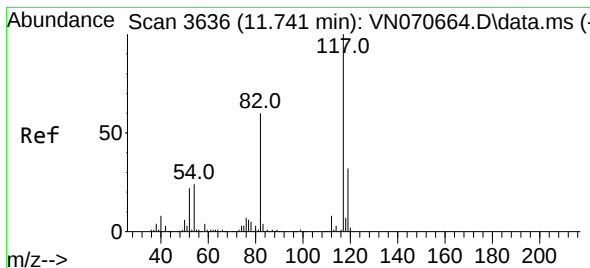


#62
4-Bromofluorobenzene
Concen: 50.644 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



Tgt Ion: 95 Resp: 611458
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.6 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3636

Delta R.T. -0.000 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 123413

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

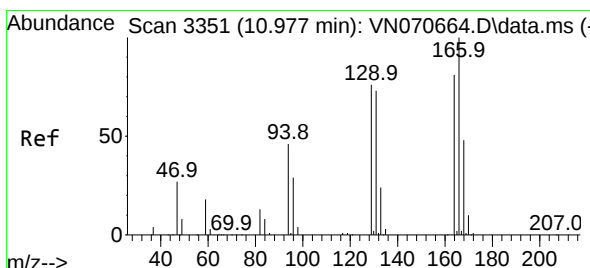
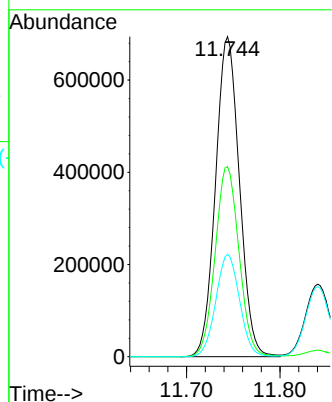
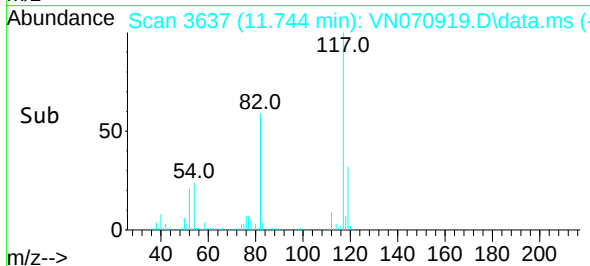
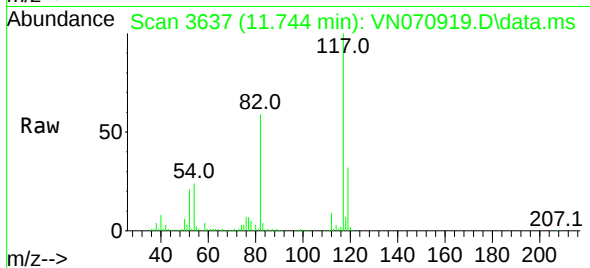
119 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#64

Tetrachloroethene

Concen: 45.477 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070919.D

Acq: 3 Feb 2022 3:30

Tgt Ion:164 Resp: 367347

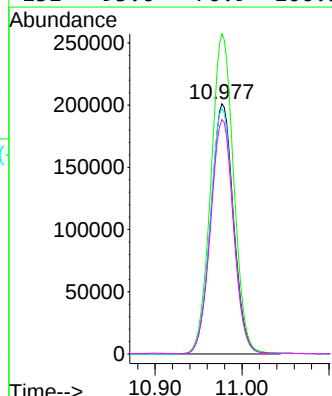
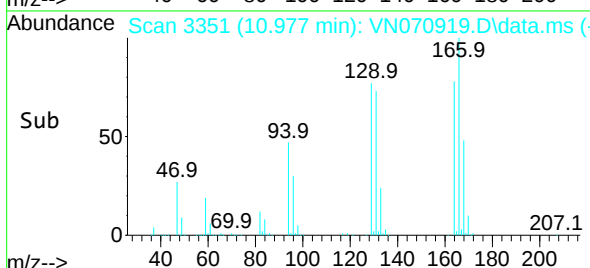
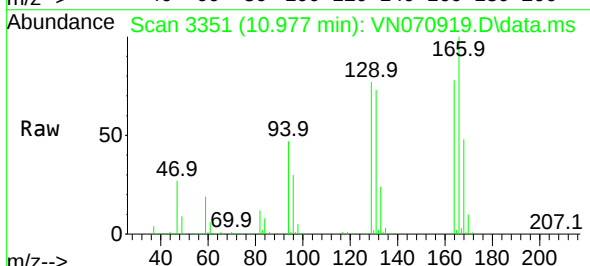
Ion Ratio Lower Upper

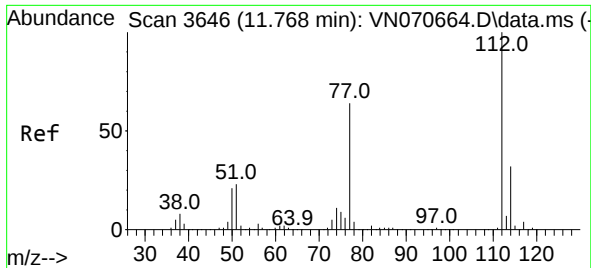
164 100

166 127.9 101.9 152.9

129 98.0 72.0 108.0

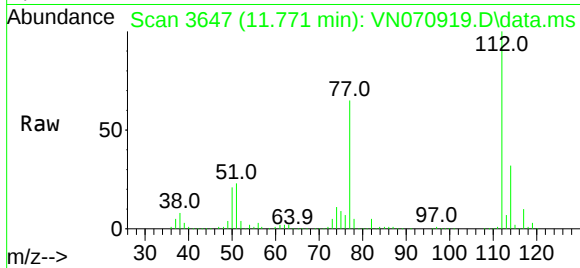
131 93.6 70.9 106.3





#65
Chlorobenzene
Concen: 44.751 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

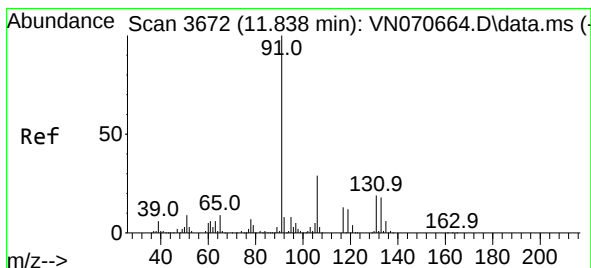
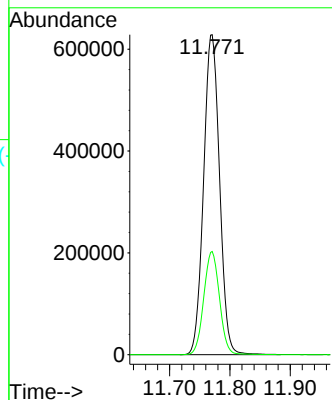
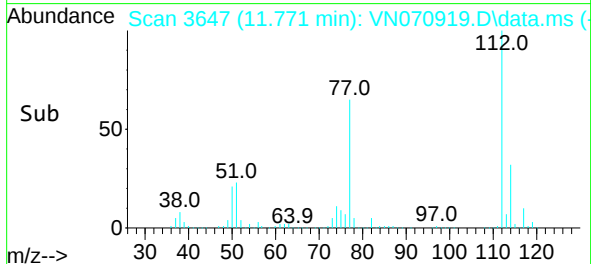
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



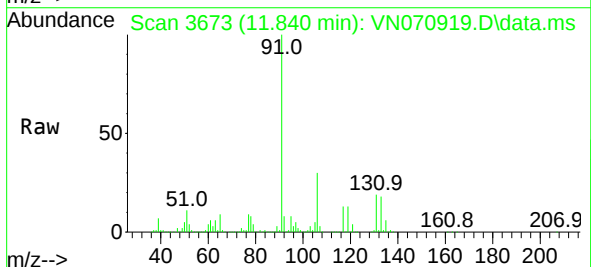
Tgt Ion:112 Resp: 115589
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
APPROVED

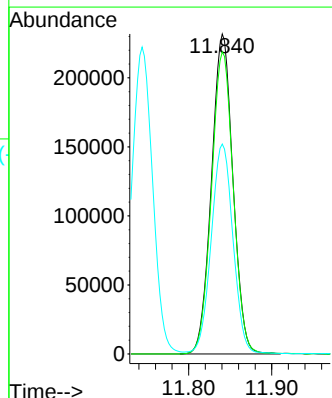
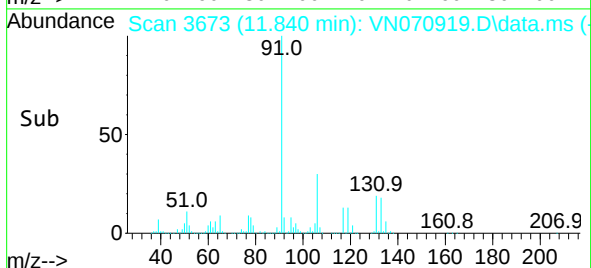
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

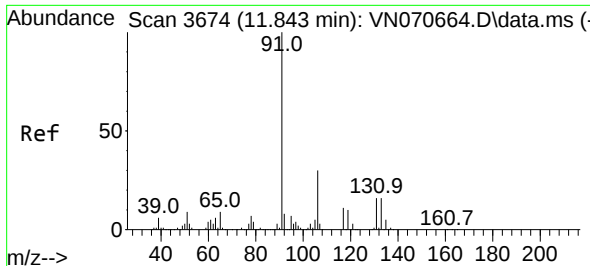


#66
1,1,1,2-Tetrachloroethane
Concen: 46.145 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.001 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



Tgt Ion:131 Resp: 416010
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 66.6 32.1 96.5





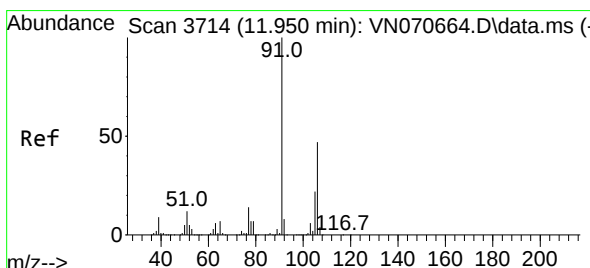
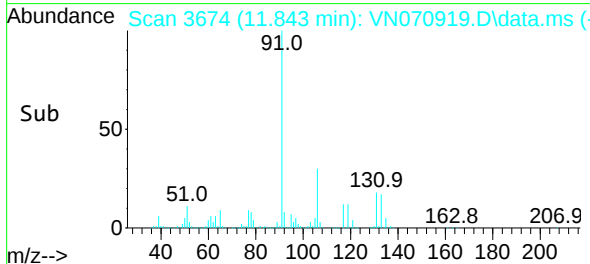
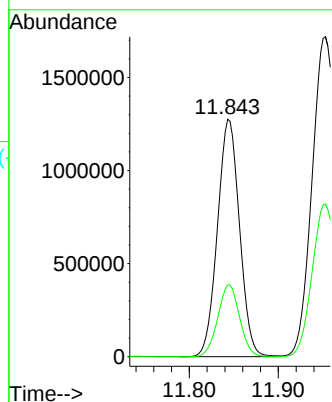
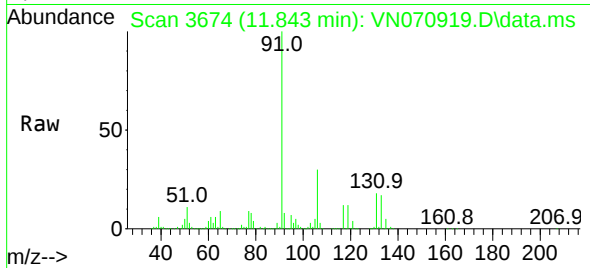
#67
Ethyl Benzene
Concen: 46.609 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 219465
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

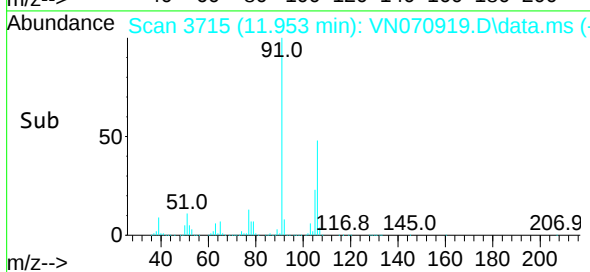
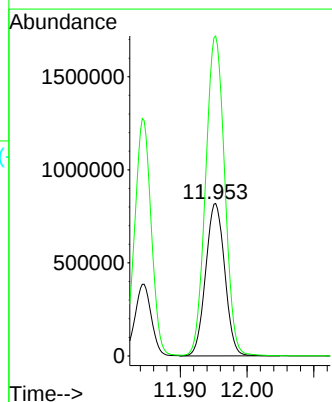
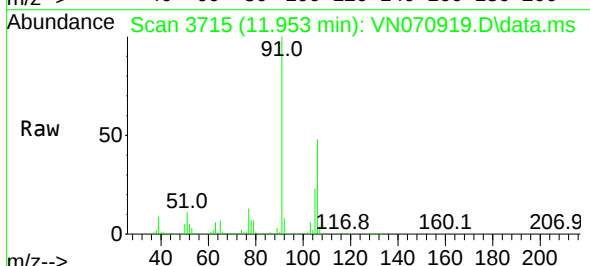
Manual Integrations
APPROVED

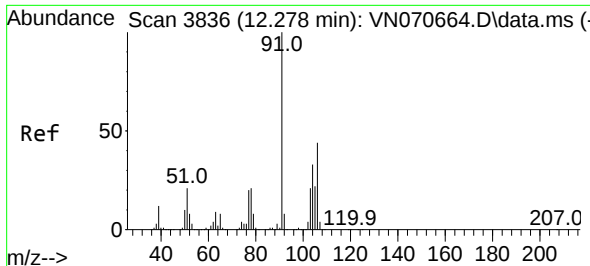
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#68
m/p-Xylenes
Concen: 93.052 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Tgt Ion:106 Resp: 1623423
Ion Ratio Lower Upper
106 100
91 210.5 160.6 240.8





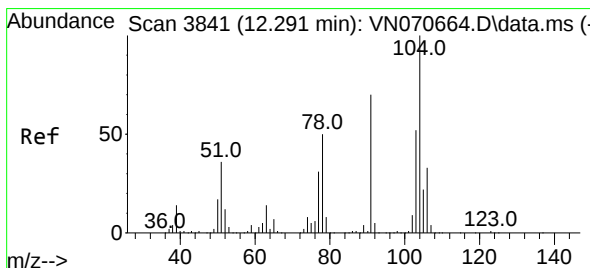
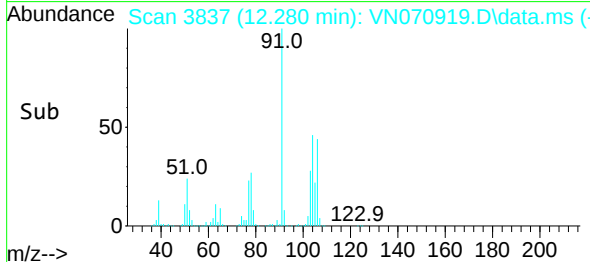
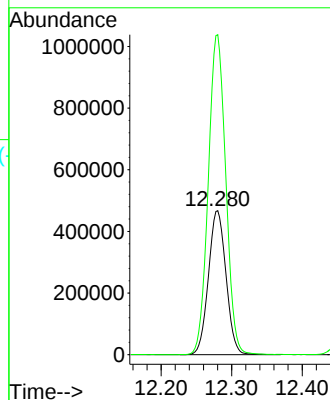
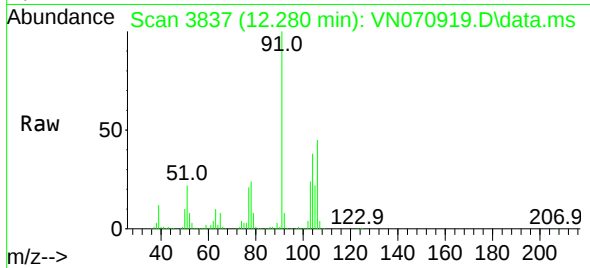
#69
o-Xylene
Concen: 46.297 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 80838
Ion Ratio Lower Upper
106 100
91 221.4 105.8 317.3

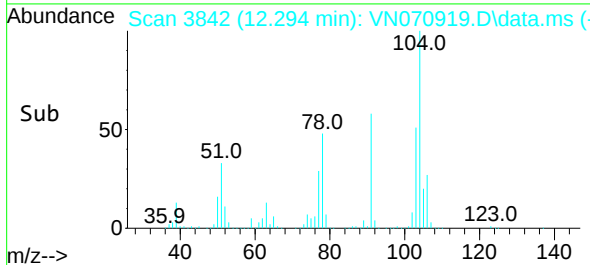
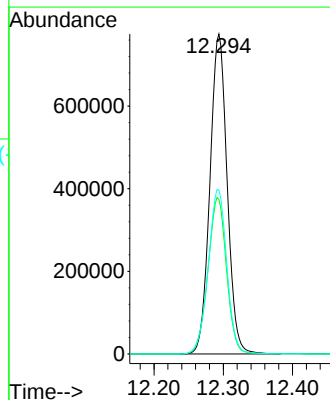
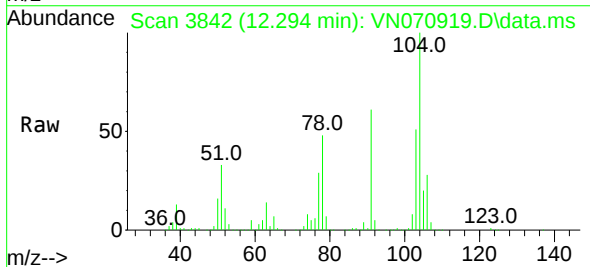
Manual Integrations
APPROVED

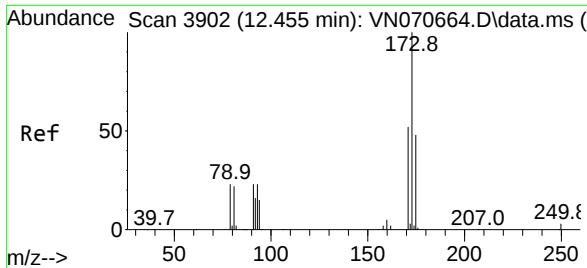
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#70
Styrene
Concen: 48.704 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

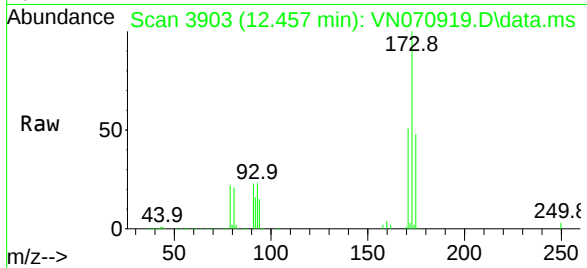
Tgt Ion:104 Resp: 1340309
Ion Ratio Lower Upper
104 100
78 52.6 38.7 58.1
103 55.3 45.0 67.6





#71
Bromoform
Concen: 47.092 ug/l
RT: 12.457 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

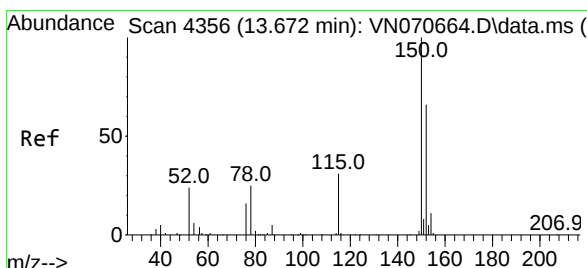
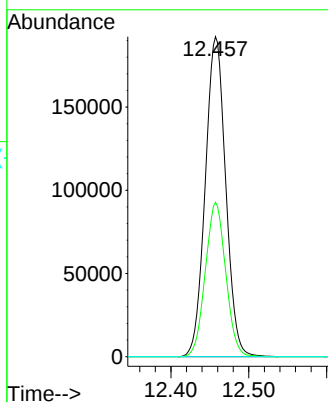
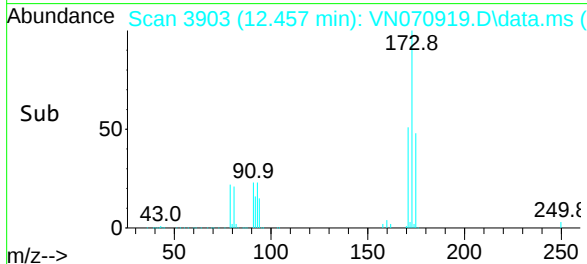
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



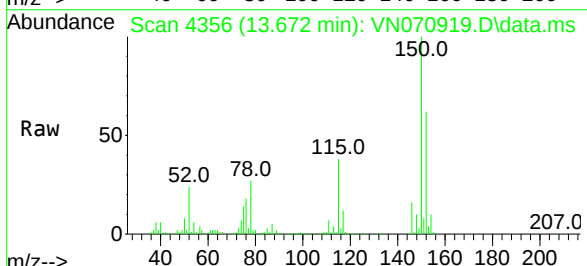
Tgt Ion:173 Resp: 350530
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

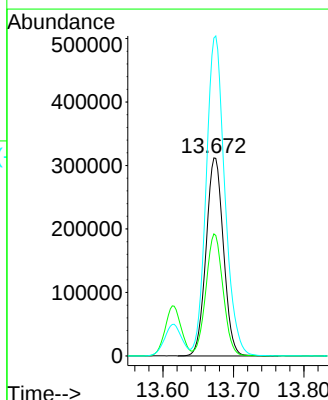
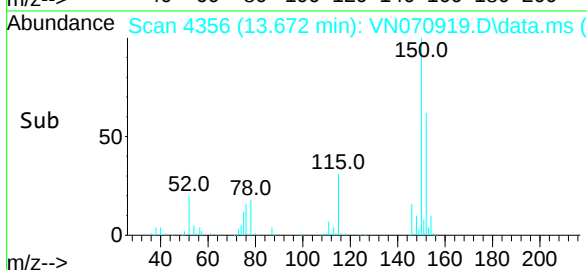
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

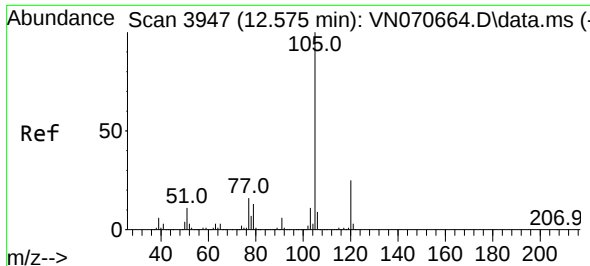


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



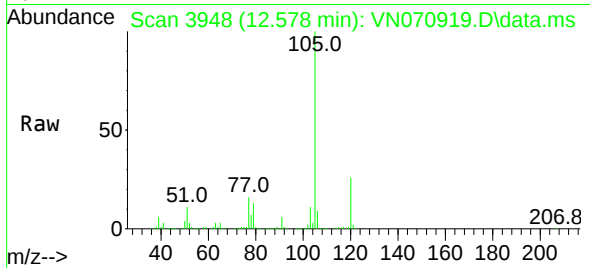
Tgt Ion:152 Resp: 534271
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 173.2 0.0 344.4





#73
Isopropylbenzene
Concen: 44.855 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

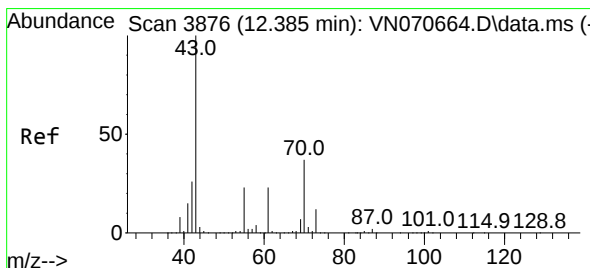
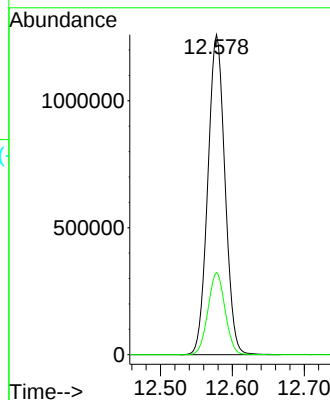
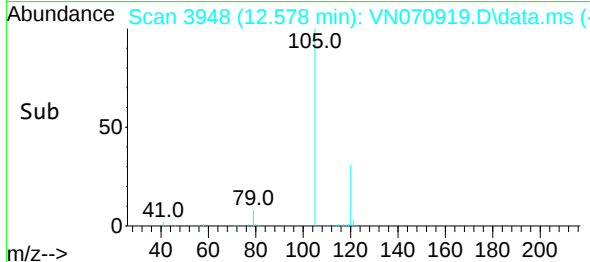
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 209092
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

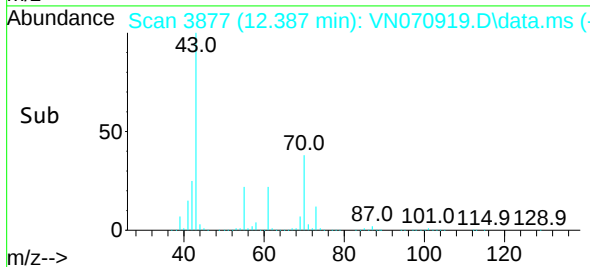
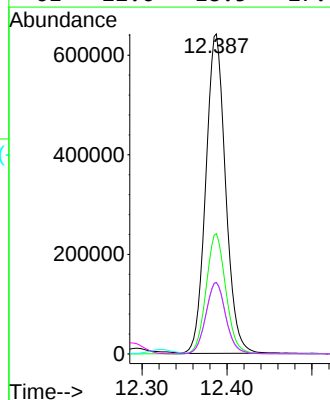
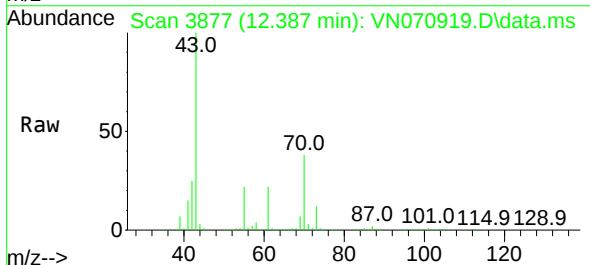
Manual Integrations
APPROVED

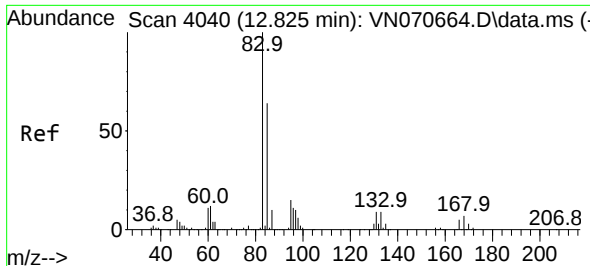
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#74
N-amy1 acetate
Concen: 49.579 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

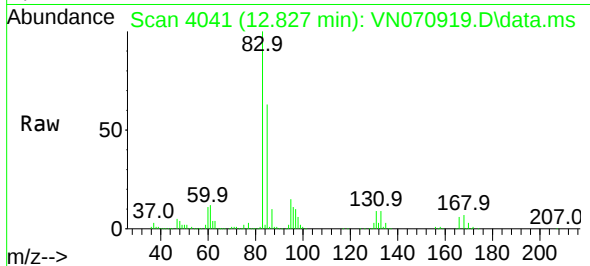
Tgt Ion: 43 Resp: 1035043
Ion Ratio Lower Upper
43 100
70 37.7 33.4 50.0
55 22.2 19.3 28.9
61 22.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.637 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

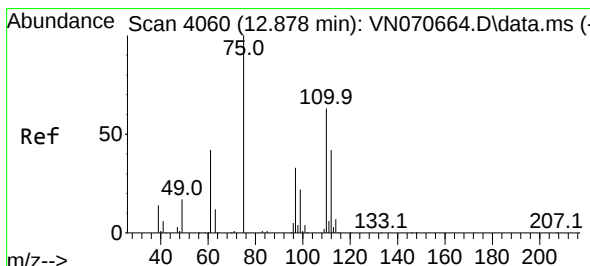
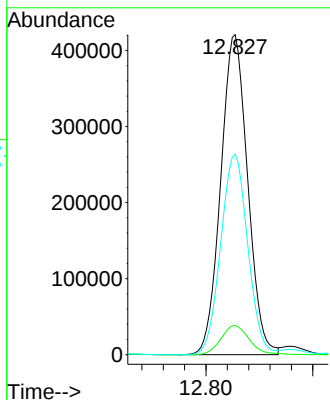
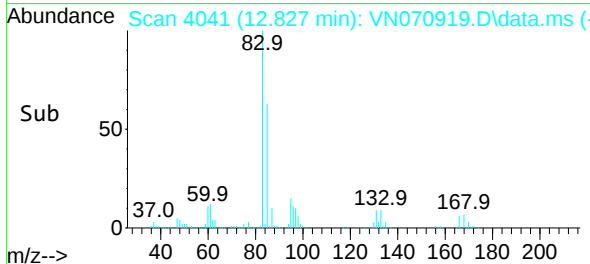
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 73686
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 62.8 32.4 97.2

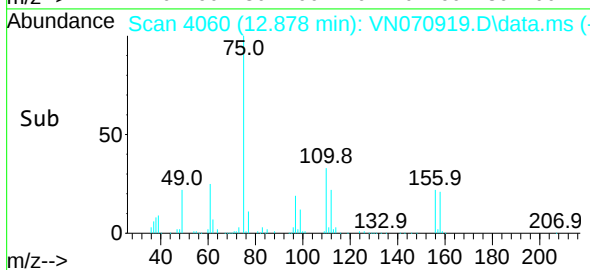
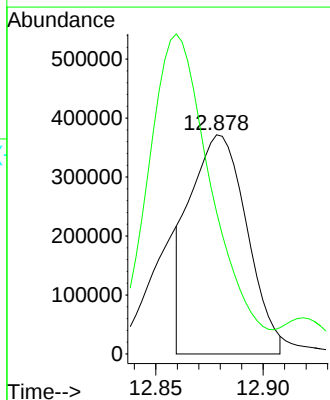
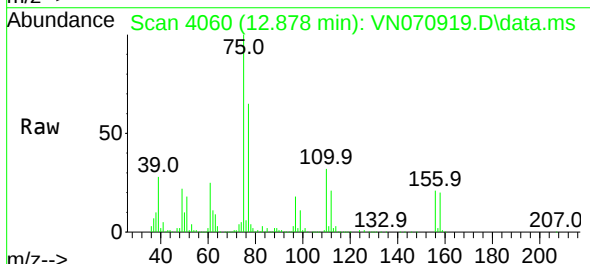
Manual Integrations
APPROVED

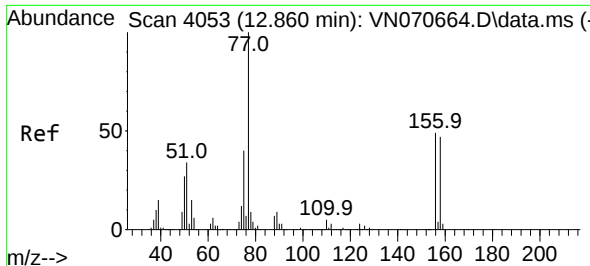
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#76
1,2,3-Trichloropropane
Concen: 52.923 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

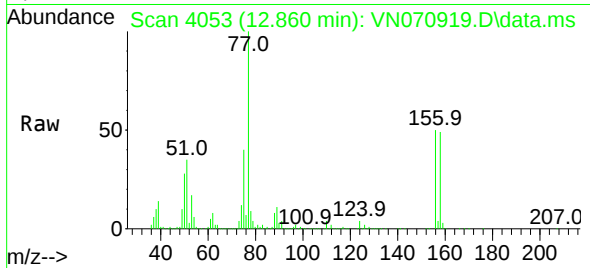
Tgt Ion: 75 Resp: 680575
Ion Ratio Lower Upper
75 100
77 166.7 82.6 247.8





#77
Bromobenzene
Concen: 43.331 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

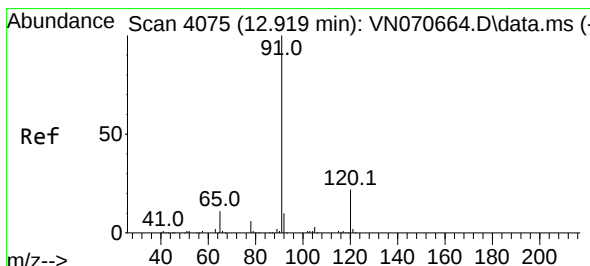
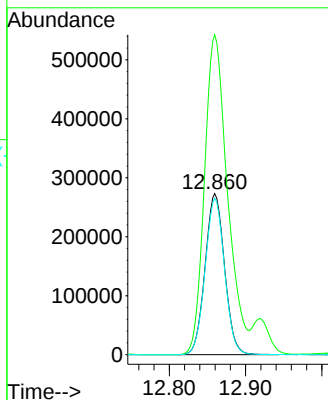
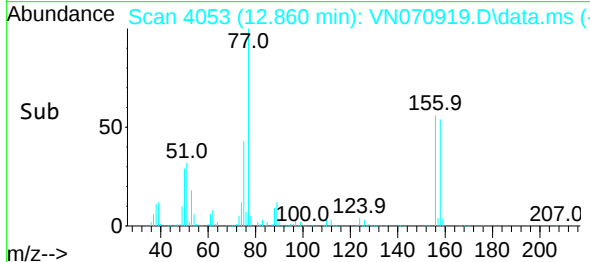
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



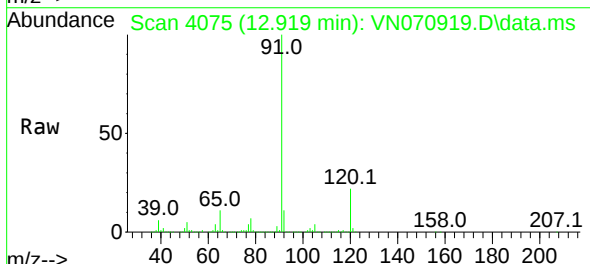
Tgt Ion:156 Resp: 48422
Ion Ratio Lower Upper
156 100
77 234.4 90.6 271.8
158 96.8 48.9 146.7

Manual Integrations
APPROVED

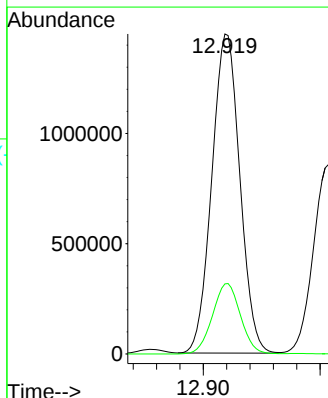
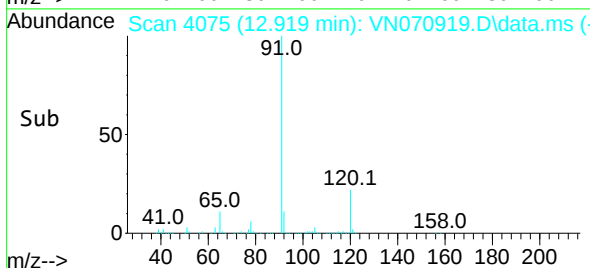
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

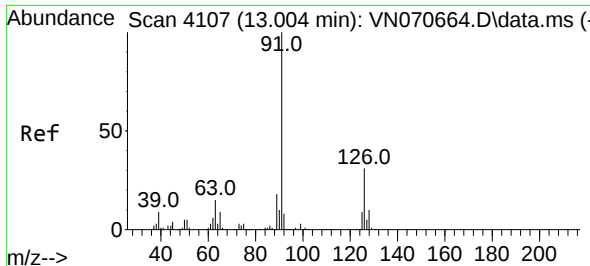


#78
n-propylbenzene
Concen: 45.298 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



Tgt Ion: 91 Resp: 2408039
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





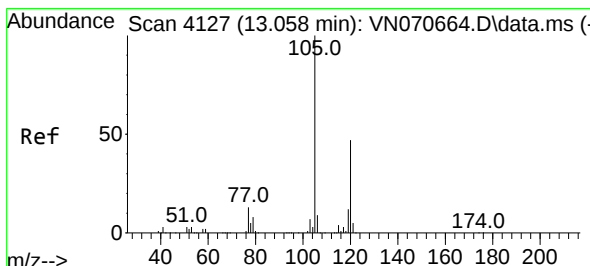
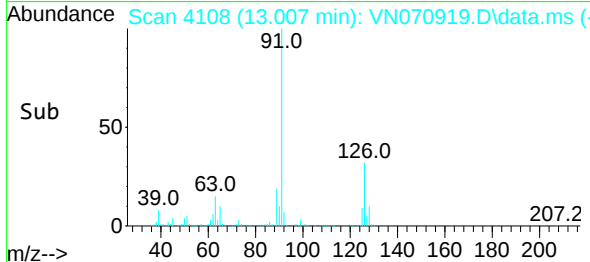
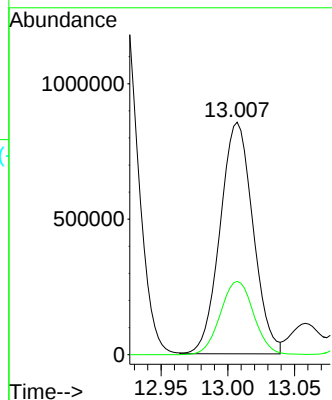
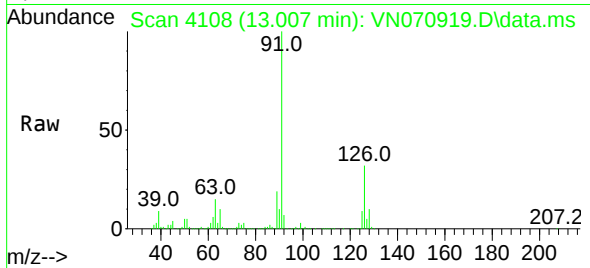
#79
2-Chlorotoluene
Concen: 44.418 ug/l
RT: 13.007 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 146828
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

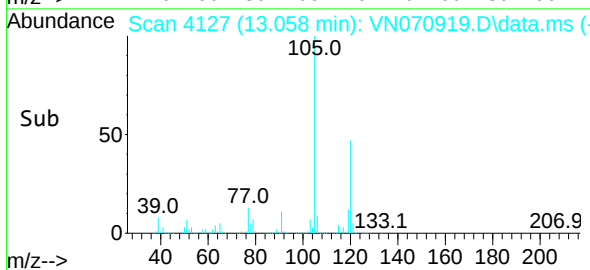
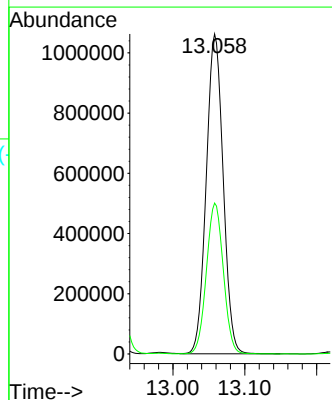
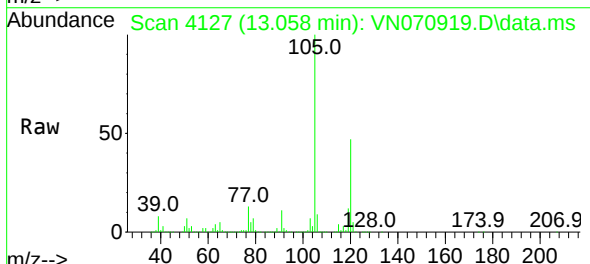
Manual Integrations
APPROVED

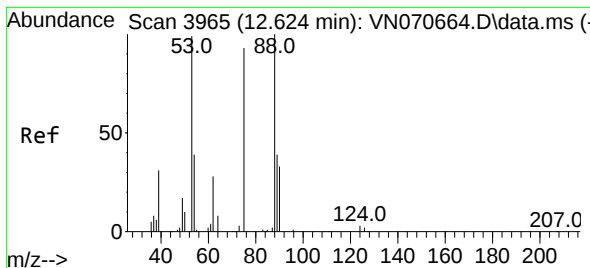
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.037 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

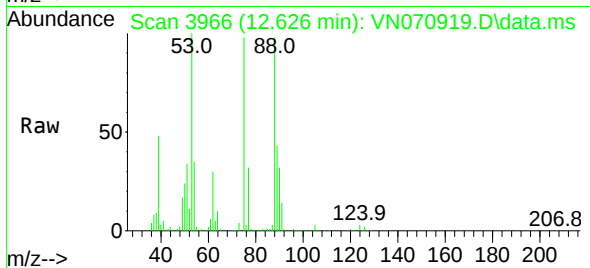
Tgt Ion:105 Resp: 1739631
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.951 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

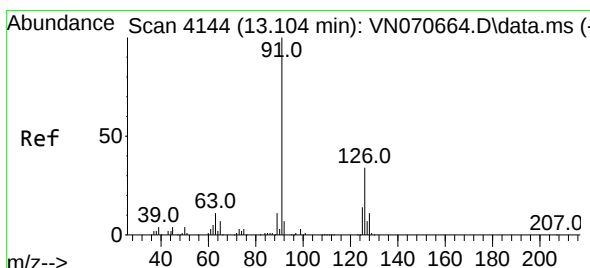
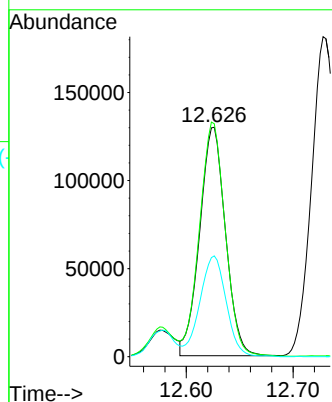
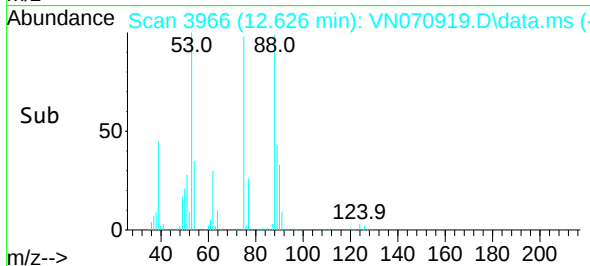
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 21800
Ion Ratio Lower Upper
75 100
53 102.2 90.5 135.7
89 44.9 38.2 57.4

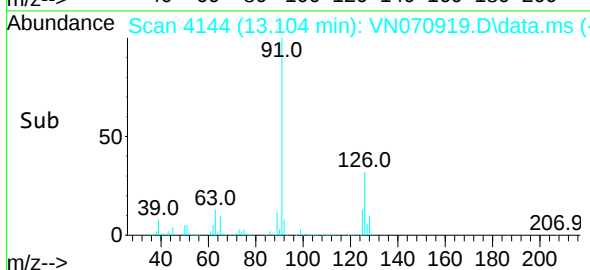
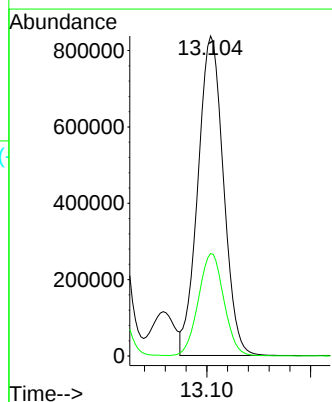
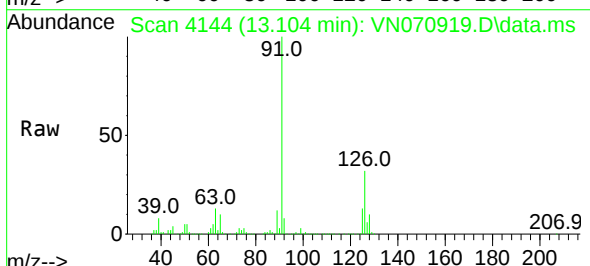
Manual Integrations
APPROVED

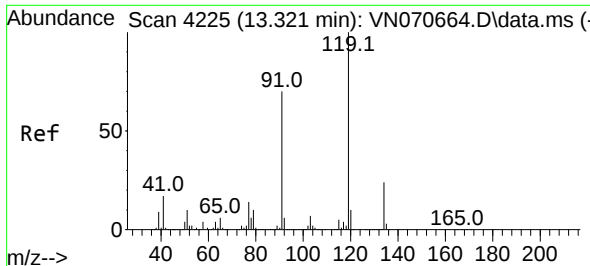
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#82
4-Chlorotoluene
Concen: 44.816 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

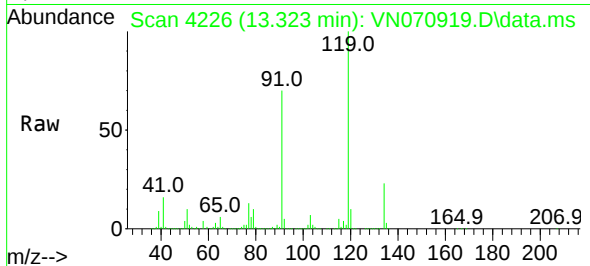
Tgt Ion: 91 Resp: 1427793
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 45.407 ug/l
RT: 13.323 min Scan# 4225
Delta R.T. 0.002 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

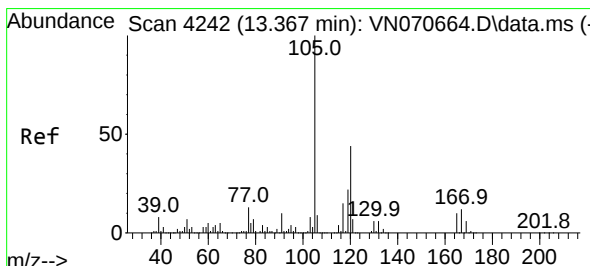
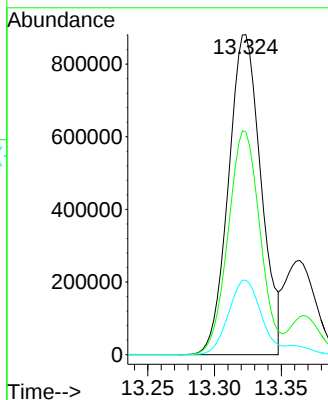
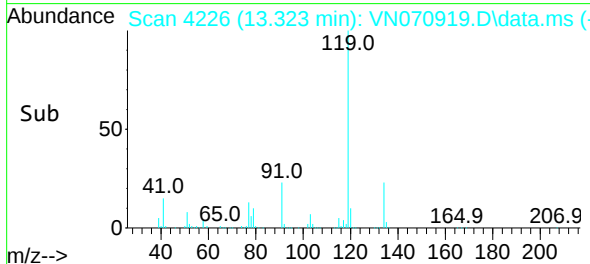
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 149641
Ion Ratio Lower Upper
119 100
91 68.8 31.5 94.5
134 23.6 12.4 37.4

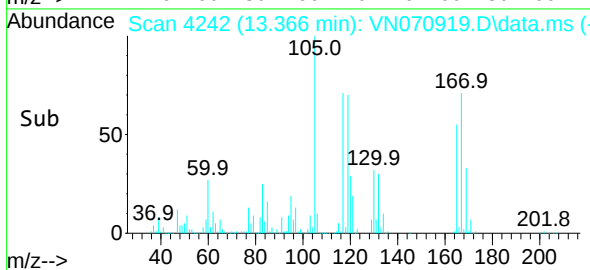
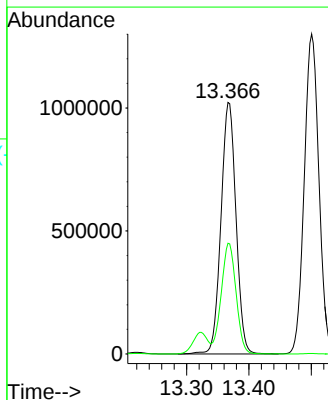
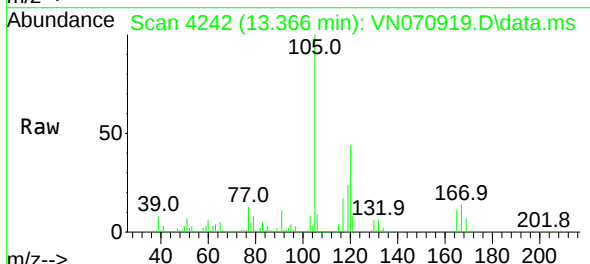
Manual Integrations
APPROVED

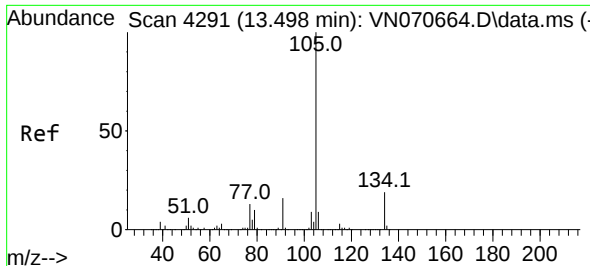
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#84
1,2,4-Trimethylbenzene
Concen: 46.316 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Tgt Ion:105 Resp: 1711486
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





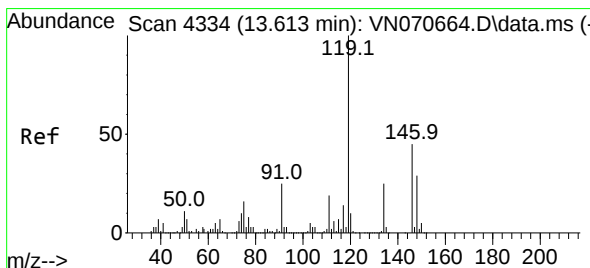
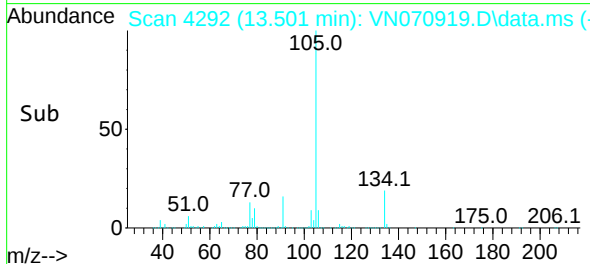
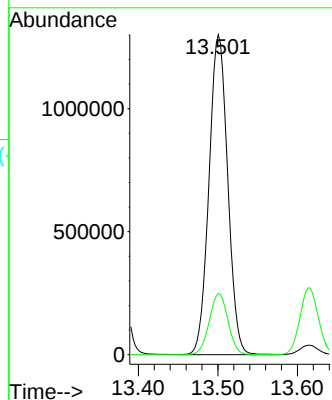
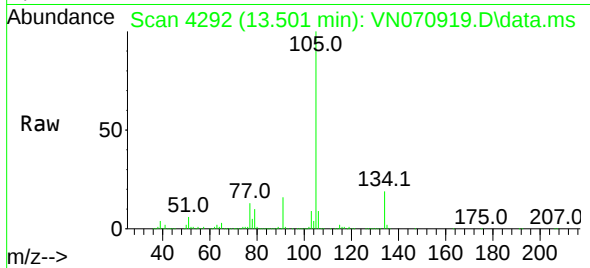
#85
 sec-Butylbenzene
 Concen: 46.011 ug/l
 RT: 13.501 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070919.D
 Acq: 3 Feb 2022 3:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2121454
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

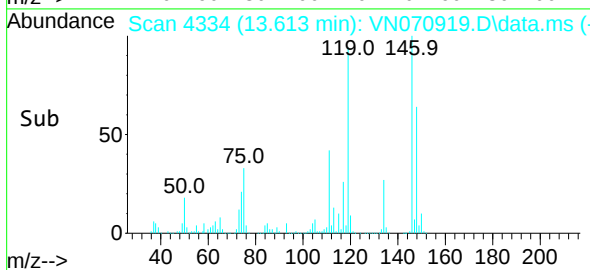
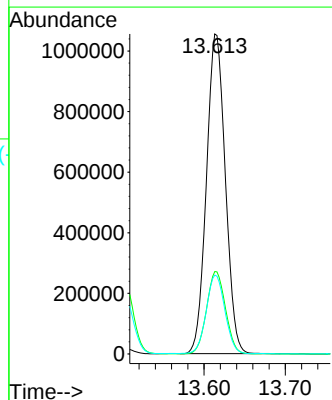
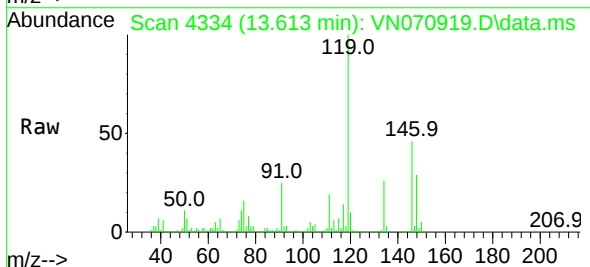
Manual Integrations
 APPROVED

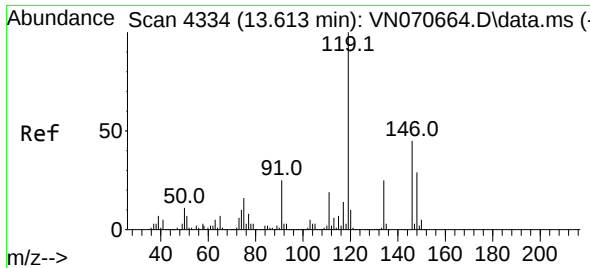
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#86
 p-Isopropyltoluene
 Concen: 46.805 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070919.D
 Acq: 3 Feb 2022 3:30

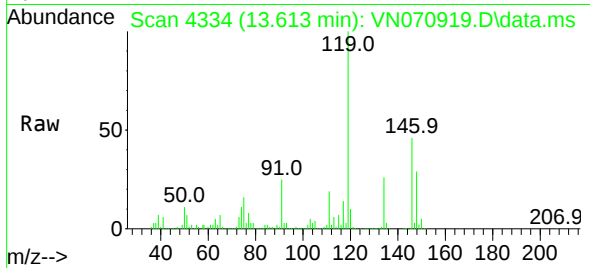
Tgt Ion:119 Resp: 1701795
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 45.655 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

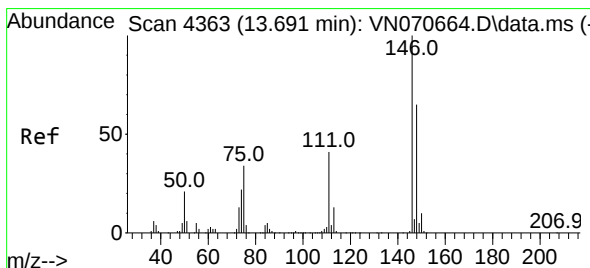
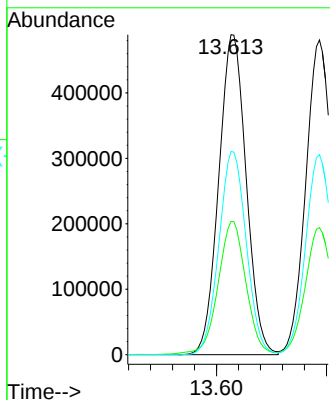
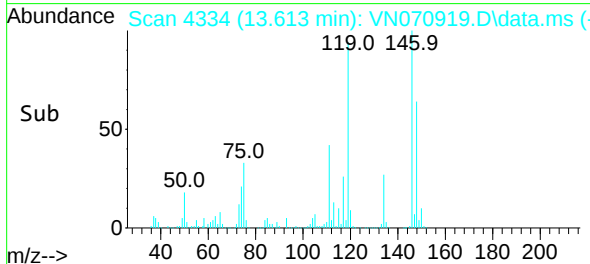
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



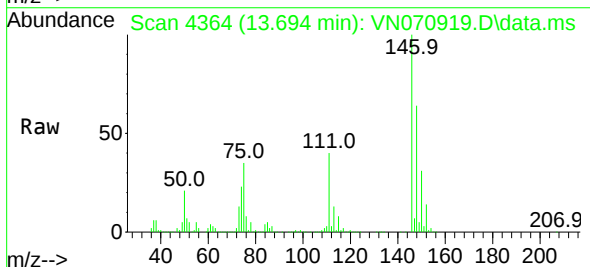
Tgt Ion:146 Resp: 84866
Ion Ratio Lower Upper
146 100
111 42.1 18.6 55.6
148 63.3 31.6 95.0

Manual Integrations
APPROVED

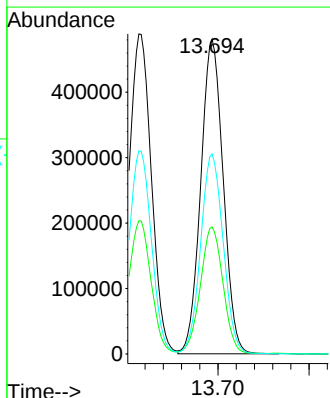
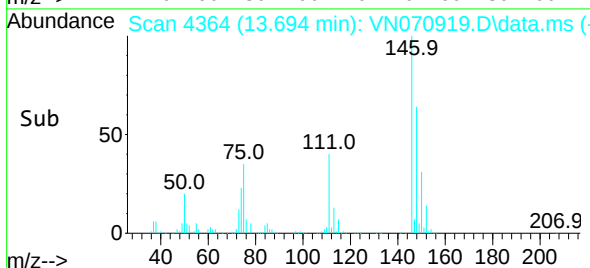
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

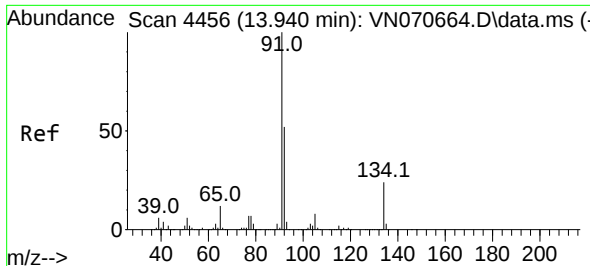


#88
1,4-Dichlorobenzene
Concen: 44.151 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



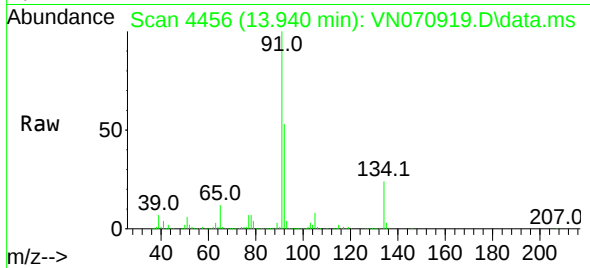
Tgt Ion:146 Resp: 820955
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 46.049 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.001 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

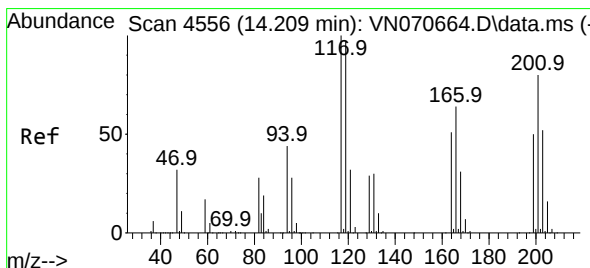
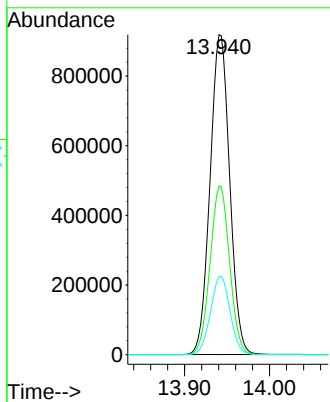
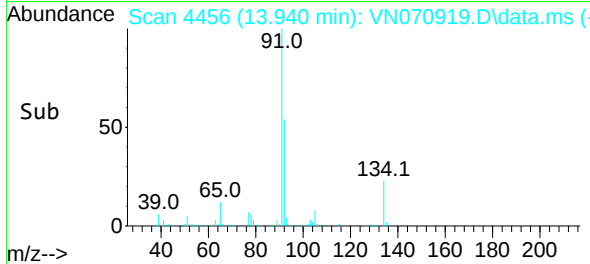
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1475520
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 24.5 13.6 40.8

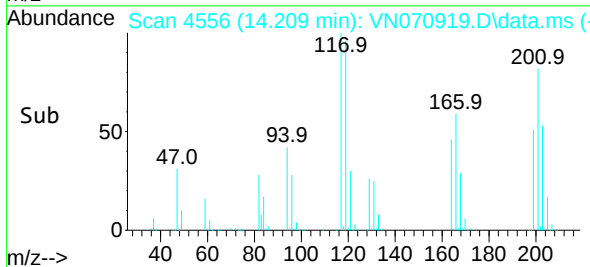
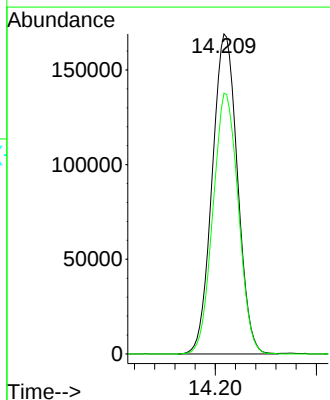
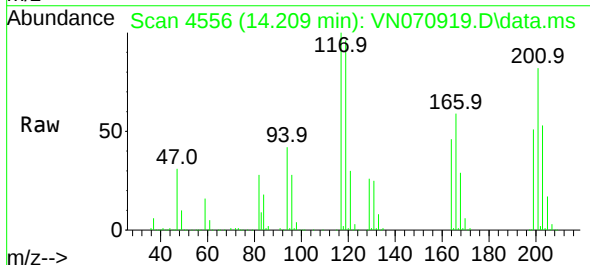
Manual Integrations
APPROVED

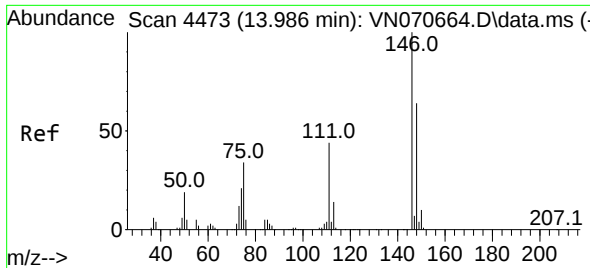
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#90
Hexachloroethane
Concen: 45.502 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

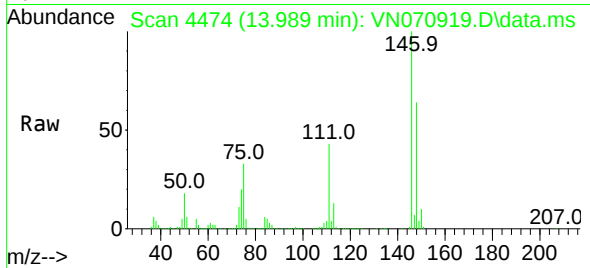
Tgt Ion:117 Resp: 293201
Ion Ratio Lower Upper
117 100
201 81.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 45.128 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

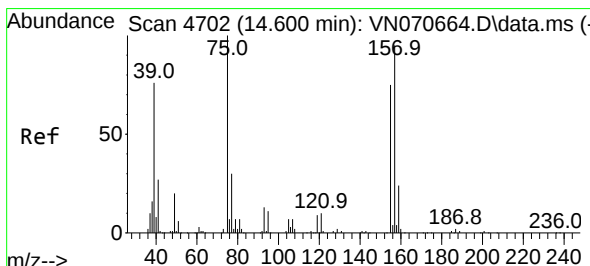
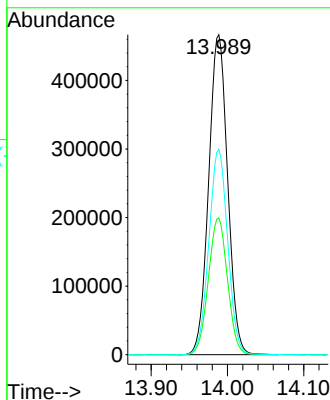
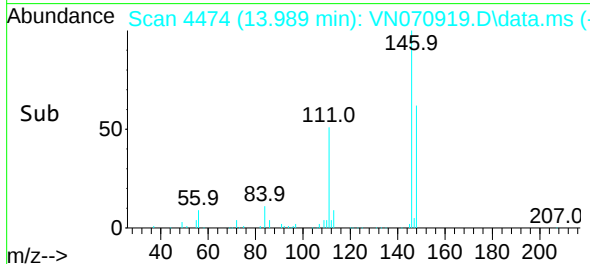
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



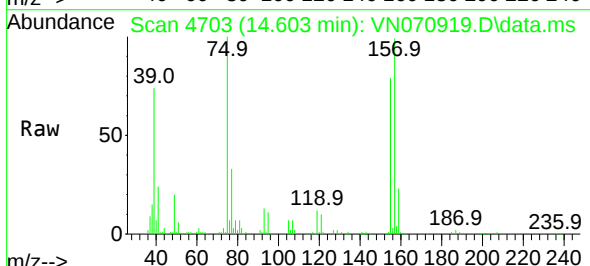
Tgt Ion:146 Resp: 804760
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 64.2 32.1 96.3

Manual Integrations
APPROVED

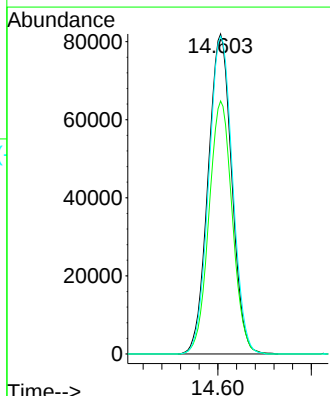
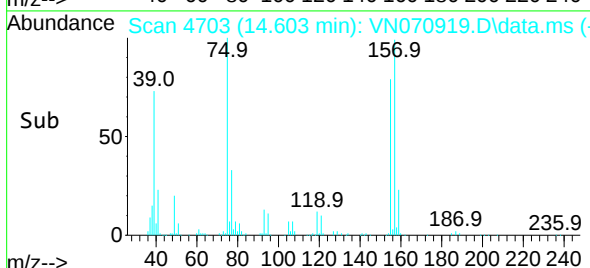
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

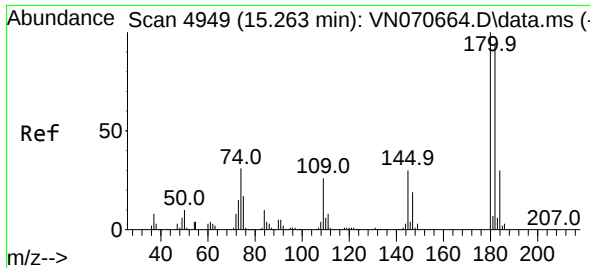


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.310 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



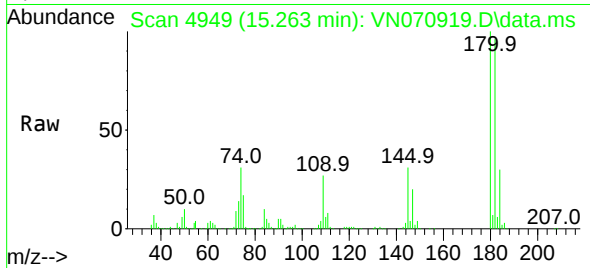
Tgt Ion: 75 Resp: 144274
Ion Ratio Lower Upper
75 100
155 78.0 46.9 140.7
157 99.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 43.932 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

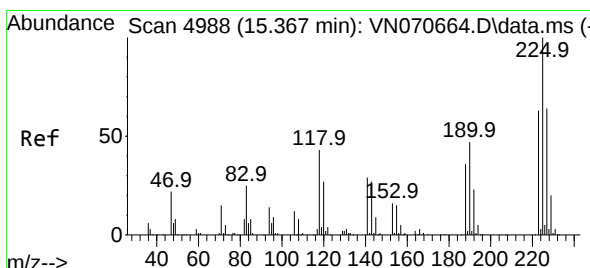
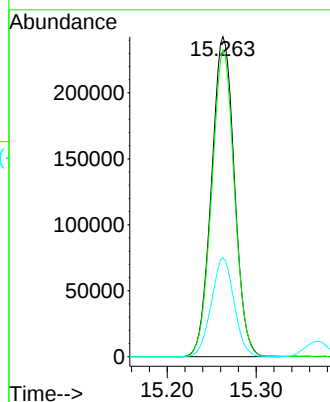
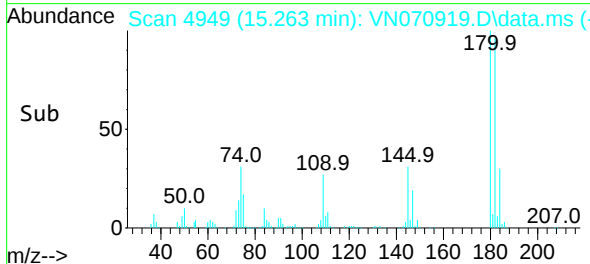
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



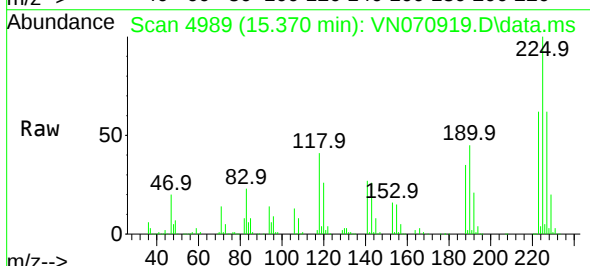
Tgt Ion:180 Resp: 43353
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
APPROVED

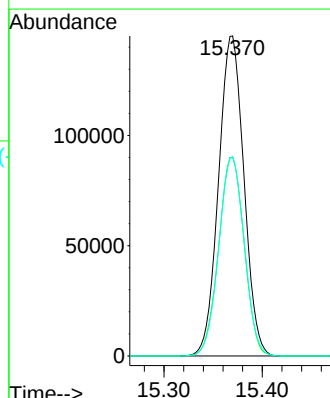
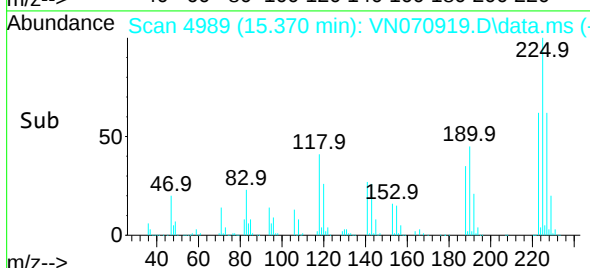
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

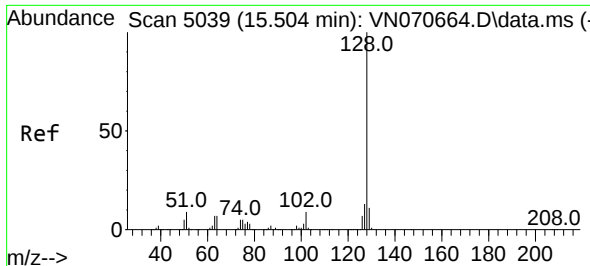


#94
Hexachlorobutadiene
Concen: 43.668 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30



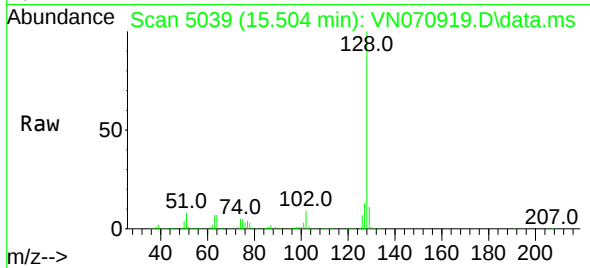
Tgt Ion:225 Resp: 260080
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.7
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 44.452 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

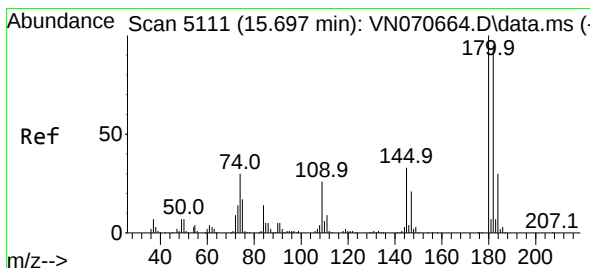
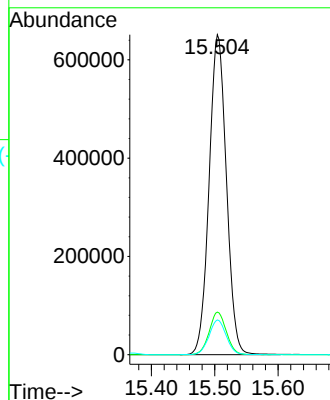
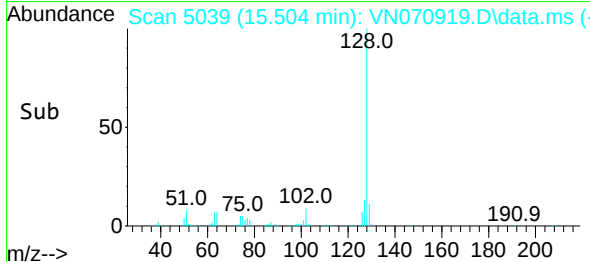
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1233510
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 44.190 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070919.D
Acq: 3 Feb 2022 3:30

Tgt Ion:180 Resp: 413971
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 33.2 15.0 45.1

