

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070177.D
 Acq On : 17 Dec 2021 20:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 19 08:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	885172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1479097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1376116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	592998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	678651	49.656	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.320%		
35) Dibromofluoromethane	8.021	113	463190	49.995	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.980%		
50) Toluene-d8	10.443	98	1826955	49.110	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.220%		
62) 4-Bromofluorobenzene	12.731	95	699641	51.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	436954	42.323	ug/l	99
3) Chloromethane	2.301	50	544423	42.091	ug/l	99
4) Vinyl Chloride	2.443	62	507893	42.705	ug/l	99
5) Bromomethane	2.832	94	264867	40.993	ug/l	100
6) Chloroethane	3.003	64	315735	43.323	ug/l	99
7) Trichlorofluoromethane	3.365	101	690866	44.260	ug/l	97
8) Diethyl Ether	3.819	74	314390	52.296	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	435489	49.771	ug/l	95
10) Methyl Iodide	4.411	142	555308	46.457	ug/l	98
11) Tert butyl alcohol	5.388	59	716846	277.481	ug/l	99
12) 1,1-Dichloroethene	4.173	96	408588	48.459	ug/l	88
13) Acrolein	4.036	56	542146	246.430	ug/l	99
14) Allyl chloride	4.832	41	976334	51.388	ug/l #	90
15) Acrylonitrile	5.557	53	1875863	269.468	ug/l	100
16) Acetone	4.288	43	1811114	220.294	ug/l	96
17) Carbon Disulfide	4.521	76	894019	41.042	ug/l	99
18) Methyl Acetate	4.857	43	1279017	51.541	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1800688	54.925	ug/l	97
20) Methylene Chloride	5.090	84	528176	48.326	ug/l	87
21) trans-1,2-Dichloroethene	5.591	96	434741	47.471	ug/l #	84
22) Diisopropyl ether	6.498	45	2048905	55.173	ug/l	93
23) Vinyl Acetate	6.434	43	8202780	271.507	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1004295	52.207	ug/l	98
25) 2-Butanone	7.337	43	2831847	253.512	ug/l	92
26) 2,2-Dichloropropane	7.324	77	710100	47.477	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	560126	50.623	ug/l	87
28) Bromochloromethane	7.657	49	515057	51.488	ug/l #	78
29) Tetrahydrofuran	7.686	42	1824888	269.040	ug/l	88
30) Chloroform	7.817	83	1011289	52.054	ug/l	100
31) Cyclohexane	8.094	56	874679	45.988	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	856006	51.726	ug/l	97
36) 1,1-Dichloropropene	8.220	75	691367	49.101	ug/l	97
37) Ethyl Acetate	7.415	43	1069470	51.031	ug/l	96
38) Carbon Tetrachloride	8.204	117	672412	48.698	ug/l	98
39) Methylcyclohexane	9.459	83	800868	47.817	ug/l	89
40) Benzene	8.458	78	2164357	50.288	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	564756	57.406	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	886076	51.001	ug/l	97
43) Isopropyl Acetate	8.563	43	1678461	54.121	ug/l #	93
44) Trichloroethene	9.217	130	509112	49.561	ug/l	93
45) 1,2-Dichloropropane	9.491	63	604336	52.290	ug/l	99
46) Dibromomethane	9.577	93	386908	51.045	ug/l	93
47) Bromodichloromethane	9.762	83	766090	53.382	ug/l	98
48) Methyl methacrylate	9.561	41	782806	54.087	ug/l	88
49) 1,4-Dioxane	9.571	88	290240	1117.635	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5712268	283.923	ug/l	96
52) Toluene	10.505	92	1361453	51.814	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	823888	47.852	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	889365	49.124	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	565667	53.356	ug/l	97
56) Ethyl methacrylate	10.762	69	992486	49.632	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	991005	53.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1773082	322.473	ug/l	92
59) 2-Hexanone	11.087	43	4246678	279.030	ug/l	93
60) Dibromochloromethane	11.240	129	542497	47.864	ug/l	99
61) 1,2-Dibromoethane	11.347	107	572991	52.181	ug/l	100
64) Tetrachloroethene	10.977	164	461559	49.465	ug/l	95
65) Chlorobenzene	11.771	112	1442751	51.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	523884	53.316	ug/l	100
67) Ethyl Benzene	11.846	91	2751458	54.257	ug/l	96
68) m/p-Xylenes	11.953	106	2011527	108.941	ug/l	92
69) o-Xylene	12.280	106	1007051	54.147	ug/l	90
70) Styrene	12.294	104	1644936	55.776	ug/l	95
71) Bromoform	12.457	173	408310	48.662	ug/l #	100
73) Isopropylbenzene	12.578	105	2659718	50.411	ug/l	98
74) N-amyl acetate	12.388	43	1275743	54.676	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	931483	51.055	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	828783m	48.735	ug/l	
77) Bromobenzene	12.862	156	613081	49.471	ug/l	76
78) n-propylbenzene	12.921	91	3006029	51.201	ug/l	96
79) 2-Chlorotoluene	13.007	91	1874316	50.524	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2196512	51.724	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	247521	47.829	ug/l	93
82) 4-Chlorotoluene	13.106	91	1769706	50.726	ug/l	92
83) tert-Butylbenzene	13.324	119	1938563	51.555	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2183761	53.997	ug/l	98
85) sec-Butylbenzene	13.503	105	2642662	51.813	ug/l	97
86) p-Isopropyltoluene	13.616	119	2066229	51.827	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1015011	49.855	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	987365	49.350	ug/l	97
89) n-Butylbenzene	13.943	91	1688836	52.221	ug/l	97
90) Hexachloroethane	14.211	117	346810	49.547	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	1002506	50.537	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	175292	53.170	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	491865	50.523	ug/l	98
94) Hexachlorobutadiene	15.370	225	276628	52.619	ug/l	98
95) Naphthalene	15.507	128	1671558	57.068	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	494235	52.020	ug/l	98

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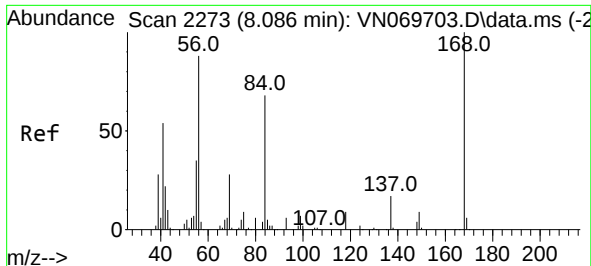
Manual Integrations
APPROVED

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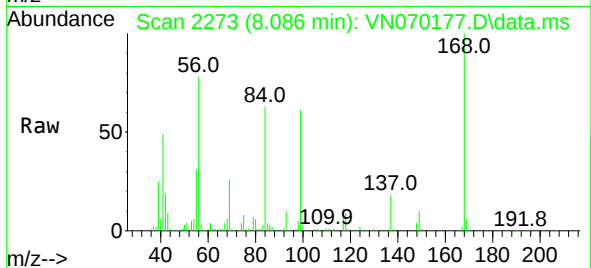
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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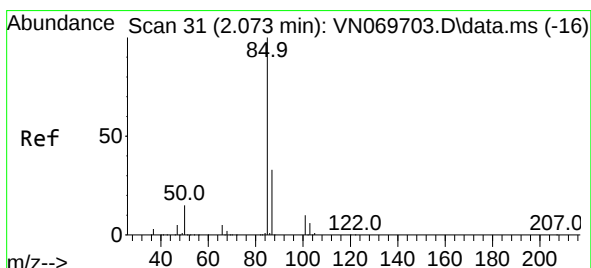
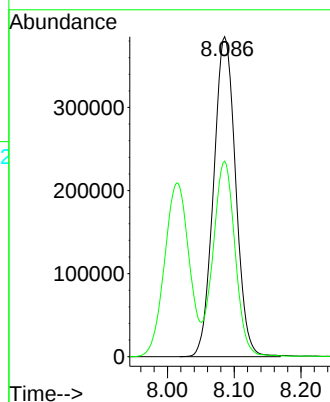
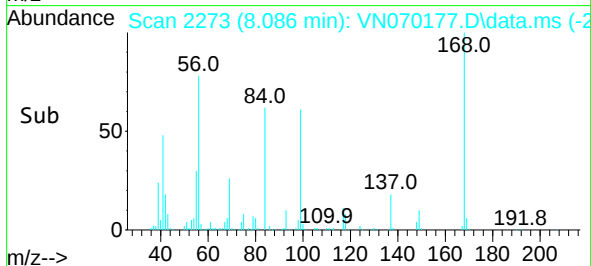
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 885172
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

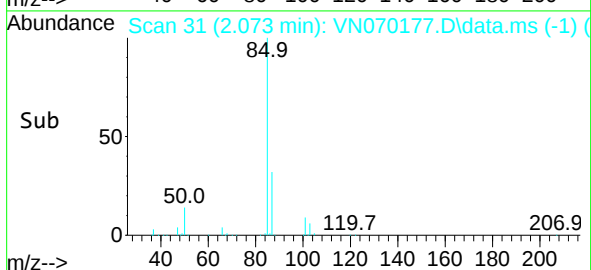
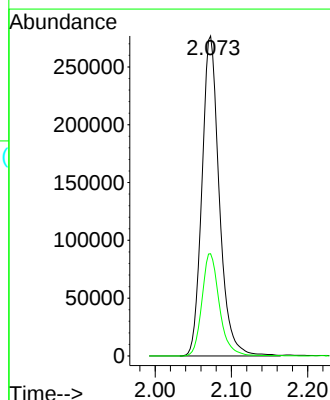
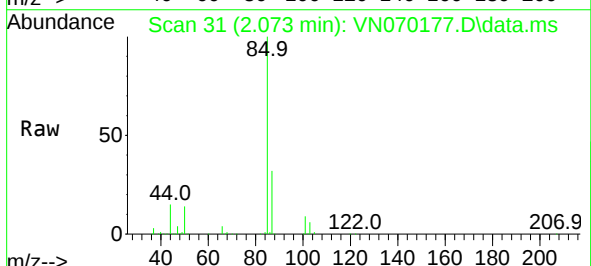
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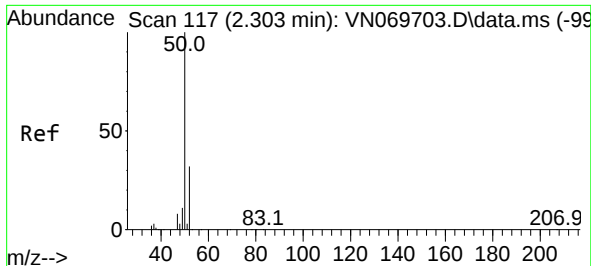
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#2
Dichlorodifluoromethane
Concen: 42.323 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

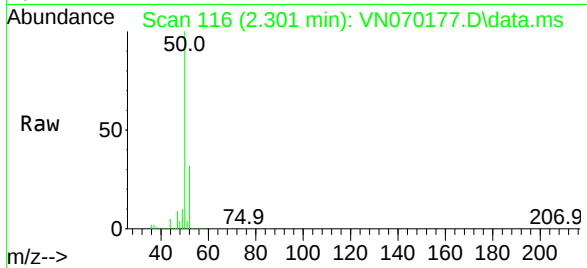
Tgt Ion: 85 Resp: 436954
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 42.091 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

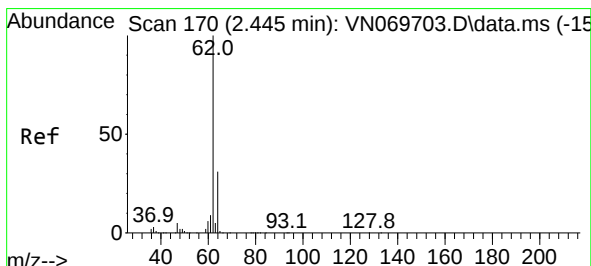
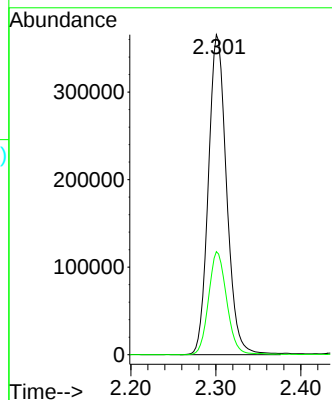
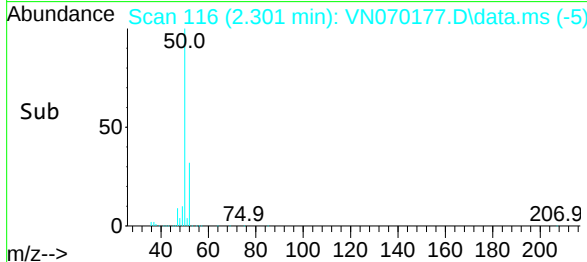
Instrument :
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Tgt Ion: 50 Resp: 544423
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

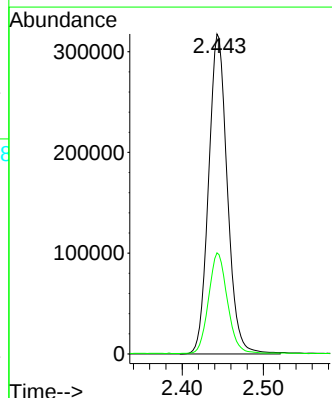
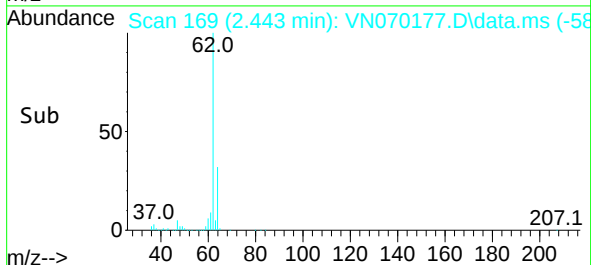
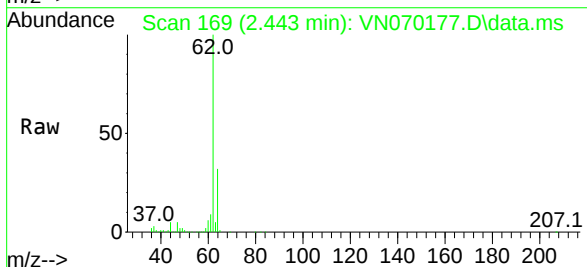
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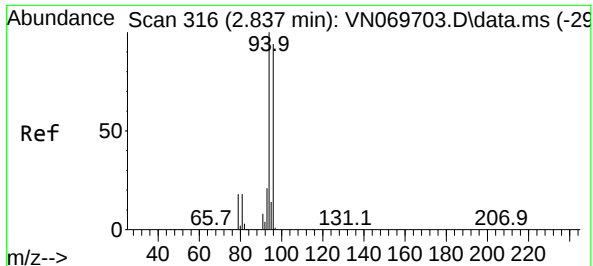
Reviewed By :John Carlone 12/20/2021
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#4
Vinyl Chloride
Concen: 42.705 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

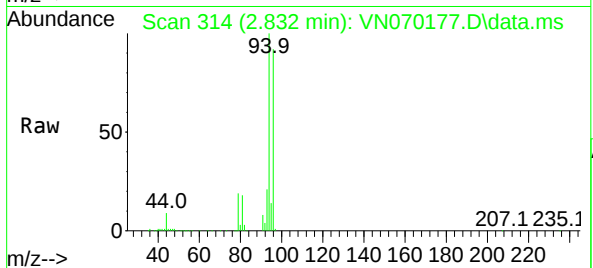
Tgt Ion: 62 Resp: 507893
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 40.993 ug/l
RT: 2.832 min Scan# 316
Delta R.T. -0.005 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

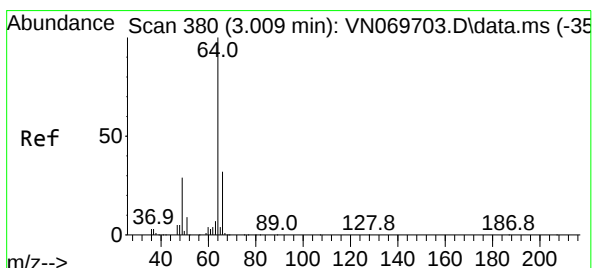
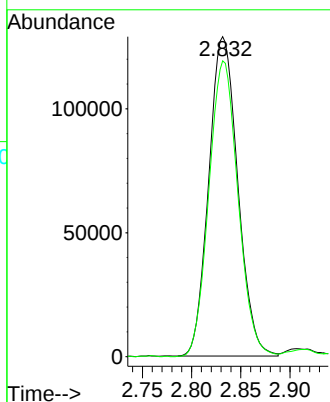
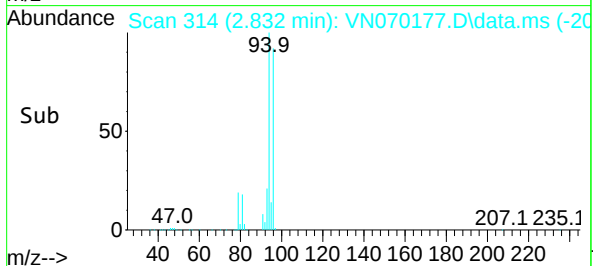
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Tgt Ion: 94 Resp: 26486
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.8

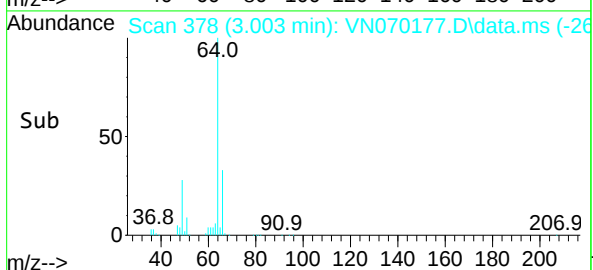
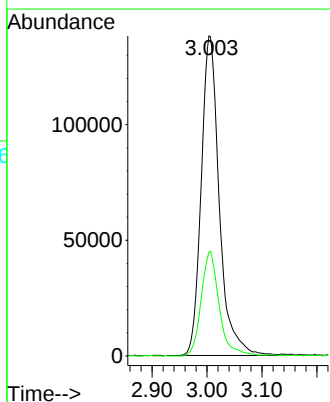
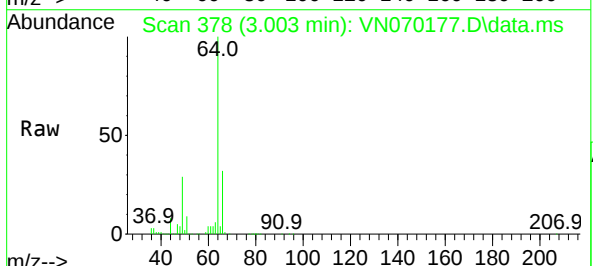
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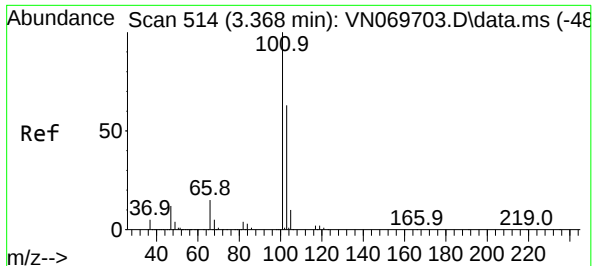
Reviewed By :John Carlone 12/20/2021
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#6
Chloroethane
Concen: 43.323 ug/l
RT: 3.003 min Scan# 378
Delta R.T. -0.005 min
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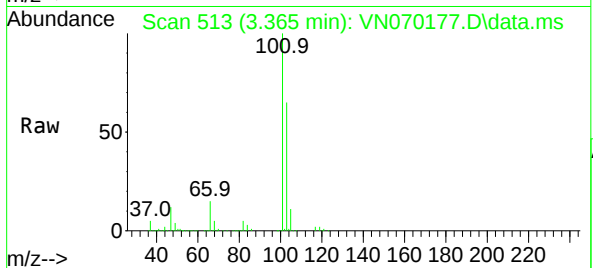
Tgt Ion: 64 Resp: 315735
Ion Ratio Lower Upper
64 100
66 32.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 44.260 ug/l
RT: 3.365 min Scan# 514
Delta R.T. -0.003 min
Lab File: VN070177.D
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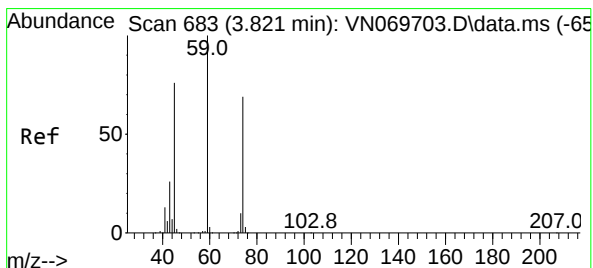
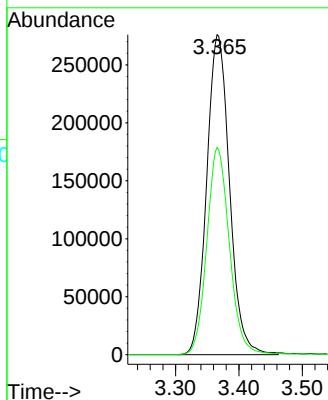
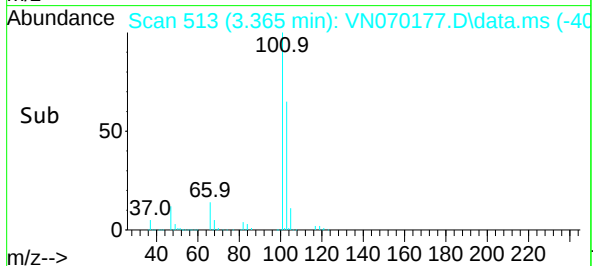
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Tgt Ion:101 Resp: 690860
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1

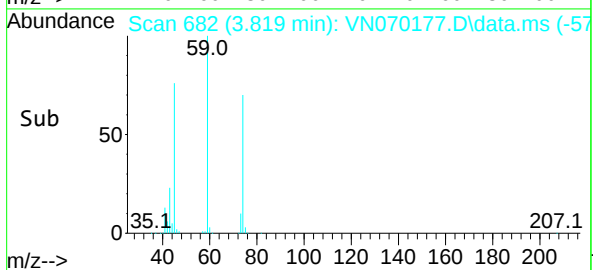
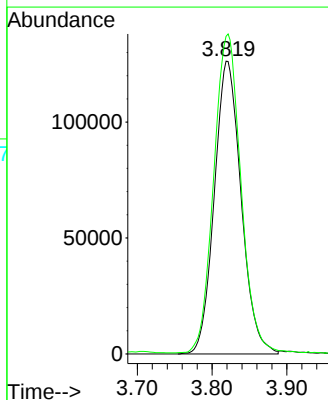
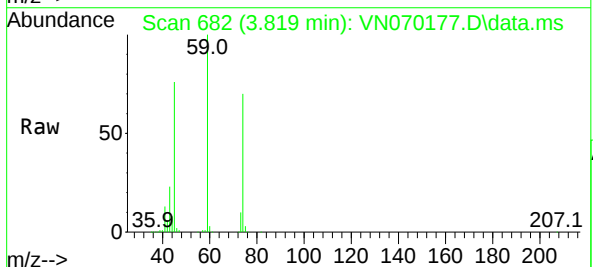
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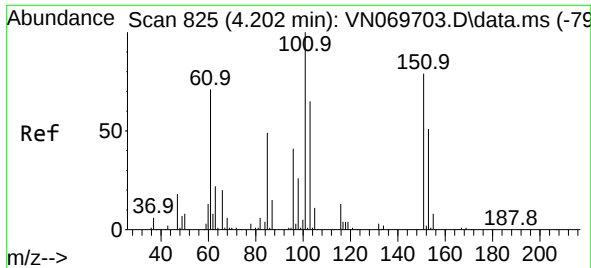
Reviewed By :John Carlone 12/20/2021
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#8
Diethyl Ether
Concen: 52.296 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.003 min
Lab File: VN070177.D
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Tgt Ion: 74 Resp: 314390
Ion Ratio Lower Upper
74 100
45 110.4 47.0 141.2





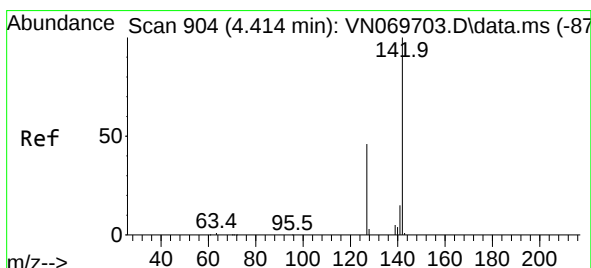
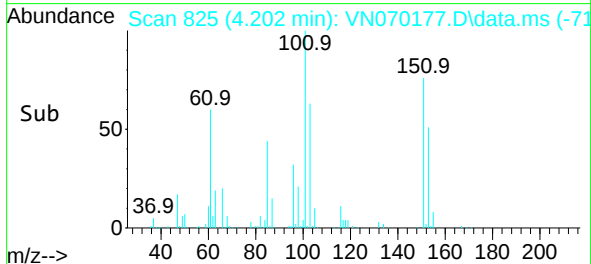
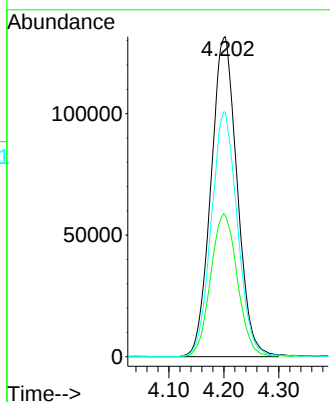
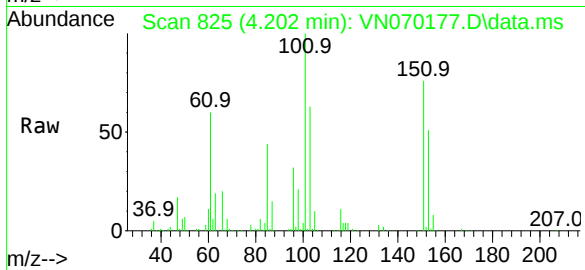
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.771 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 435489
Ion Ratio Lower Upper
101 100
85 45.6 37.2 55.8
151 76.6 65.9 98.9

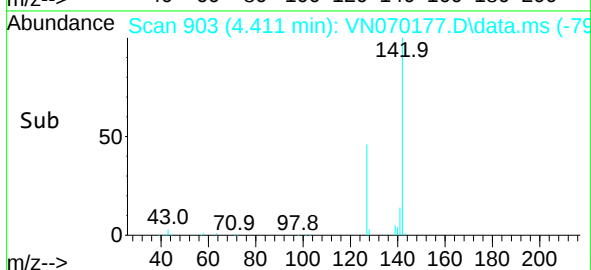
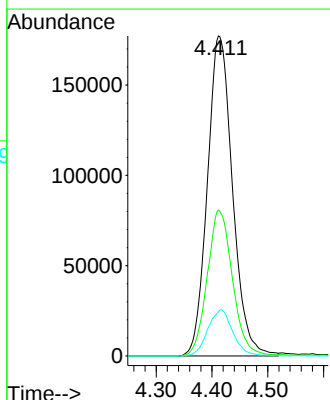
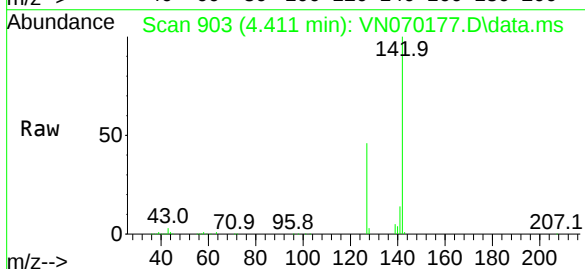
Manual Integrations
APPROVED

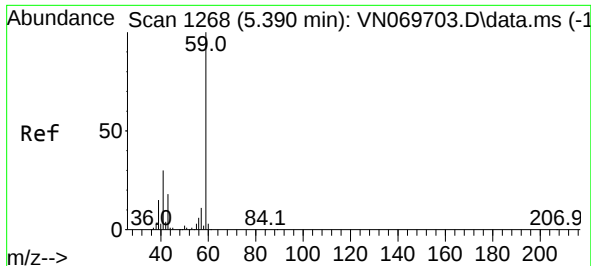
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 46.457 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

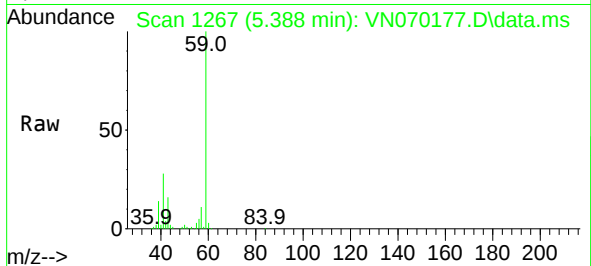
Tgt Ion:142 Resp: 555308
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 277.481 ug/l
RT: 5.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

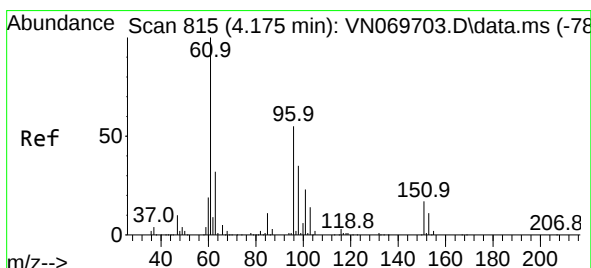
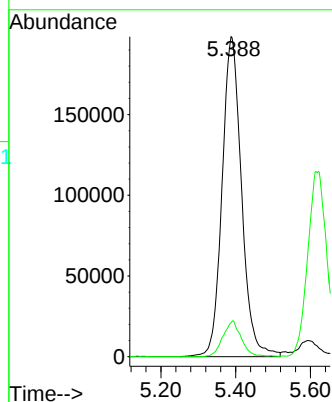
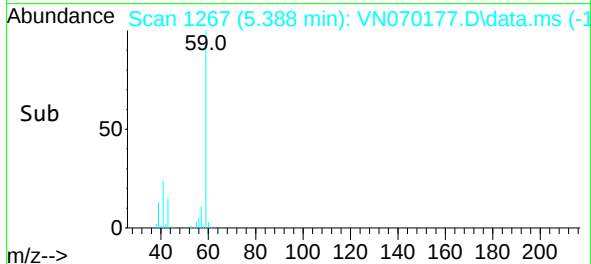
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



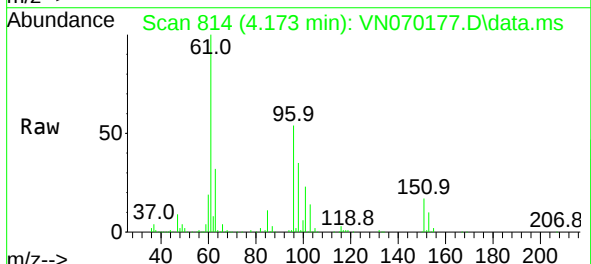
Tgt Ion: 59 Resp: 716840
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
APPROVED

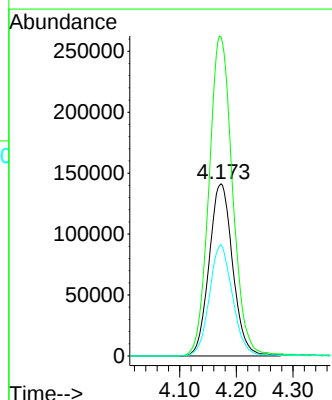
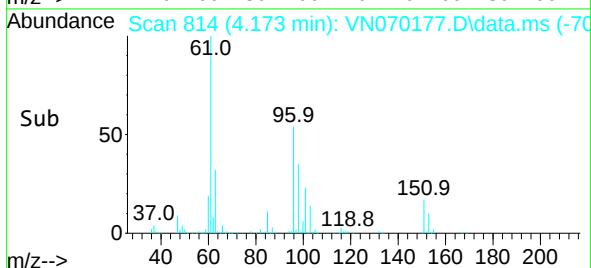
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 48.459 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



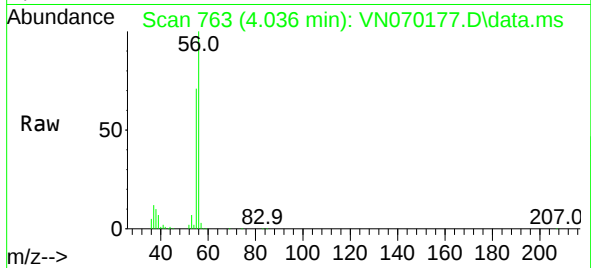
Tgt Ion: 96 Resp: 408588
Ion Ratio Lower Upper
96 100
61 185.2 131.0 196.6
98 64.6 52.4 78.6





#13
Acrolein
Concen: 246.430 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

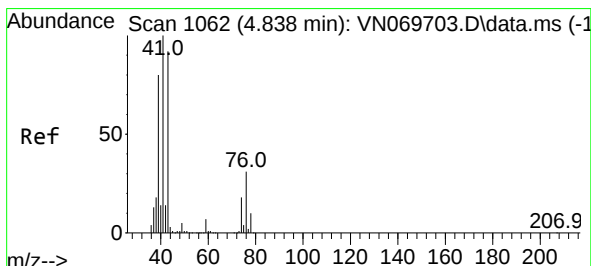
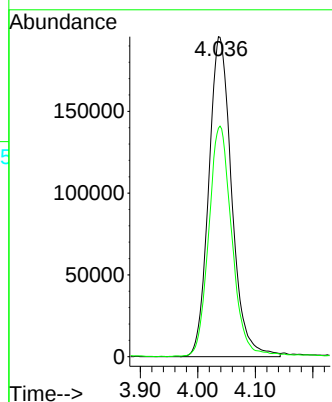
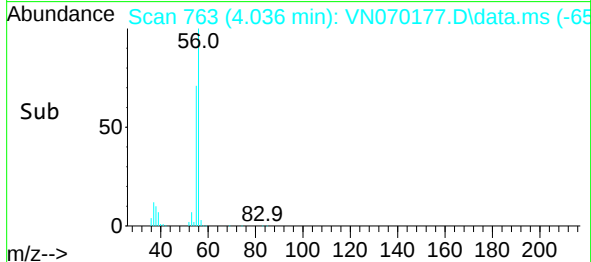
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



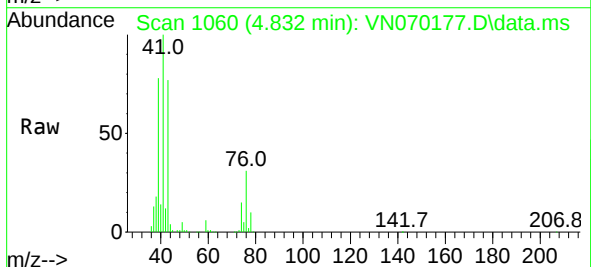
Tgt Ion: 56 Resp: 542140
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

Manual Integrations
APPROVED

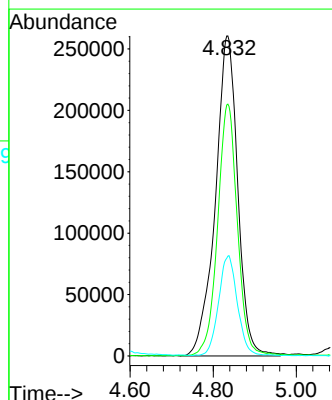
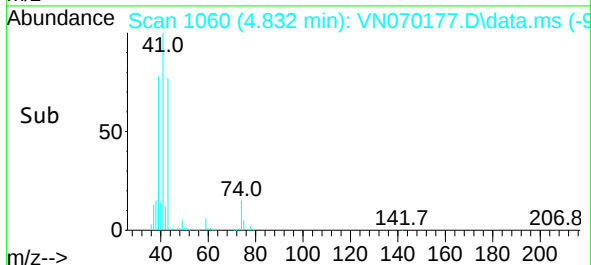
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

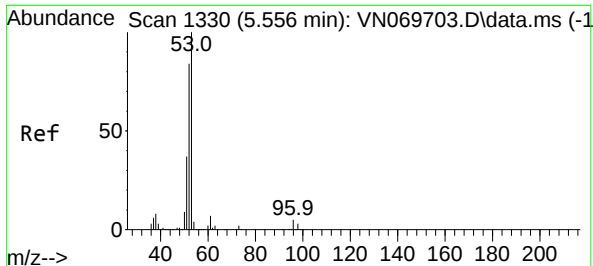


#14
Allyl chloride
Concen: 51.388 ug/l
RT: 4.832 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



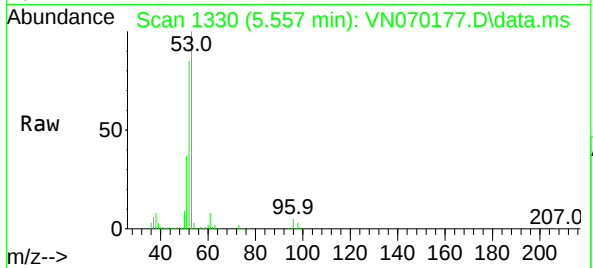
Tgt Ion: 41 Resp: 976334
Ion Ratio Lower Upper
41 100
39 69.1 61.2 91.8
76 25.8 26.0 39.0





#15
Acrylonitrile
Concen: 269.468 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

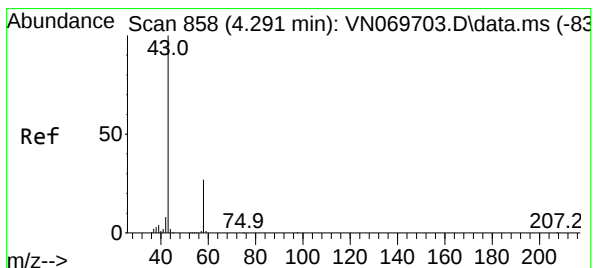
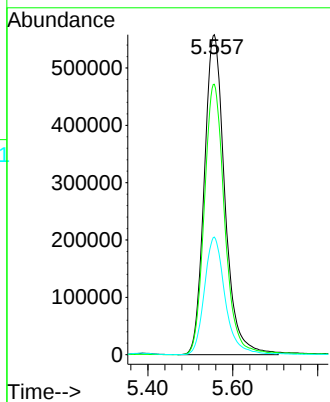
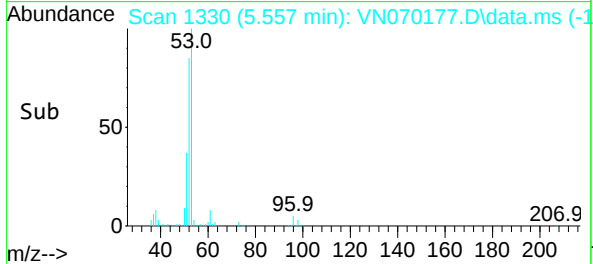
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



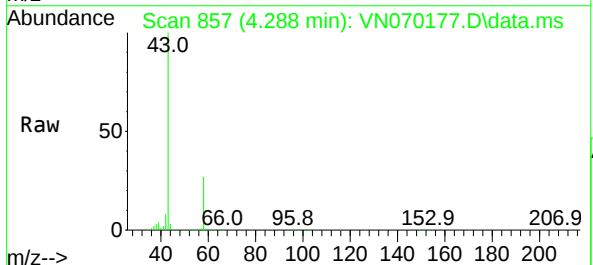
Tgt Ion: 53 Resp: 187586
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.0 29.6 44.4

Manual Integrations
APPROVED

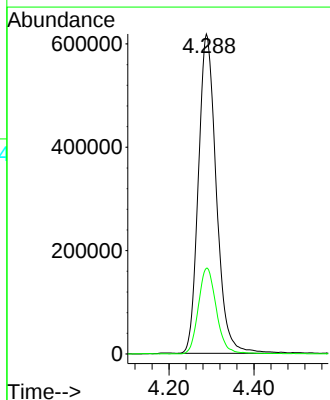
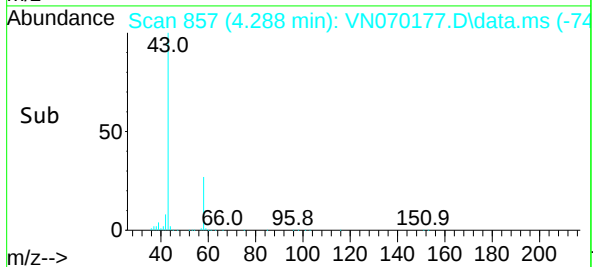
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

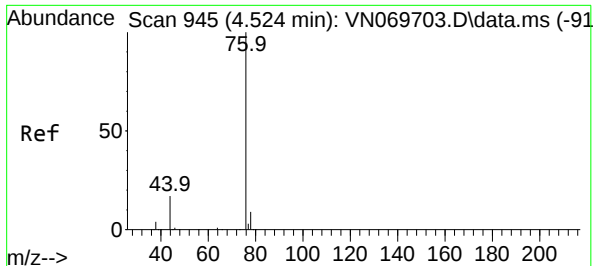


#16
Acetone
Concen: 220.294 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



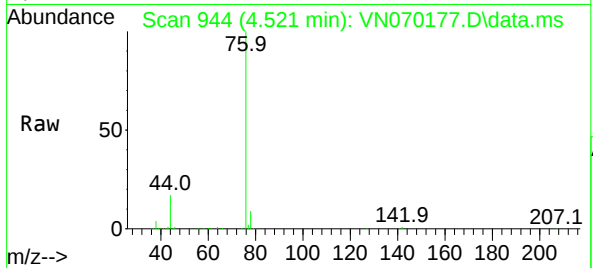
Tgt Ion: 43 Resp: 1811114
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7





#17
Carbon Disulfide
Concen: 41.042 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

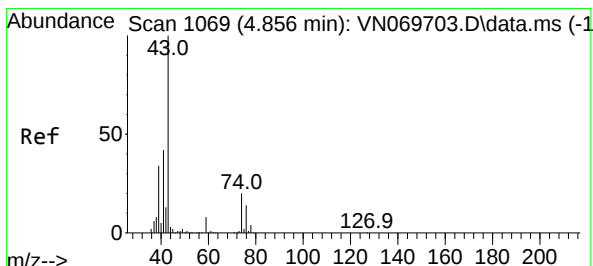
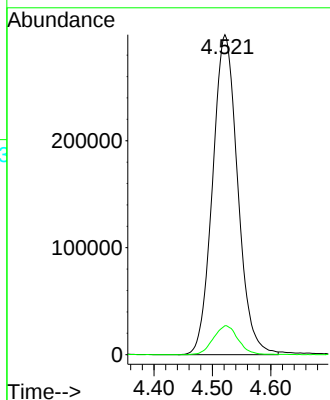
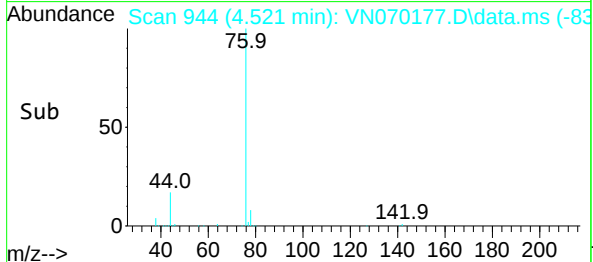
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 894019
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

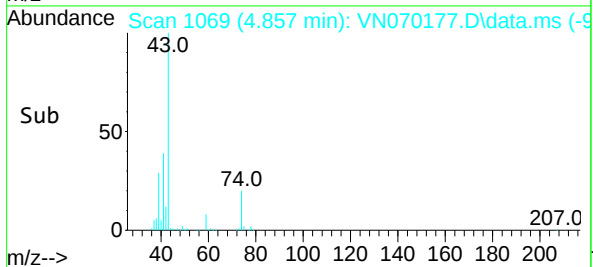
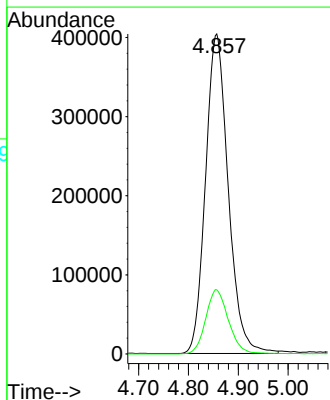
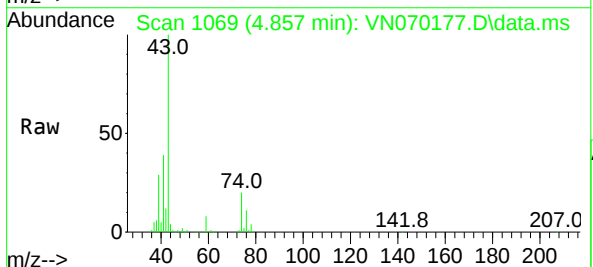
Manual Integrations
APPROVED

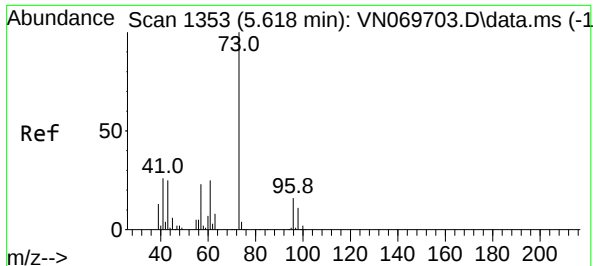
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#18
Methyl Acetate
Concen: 51.541 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

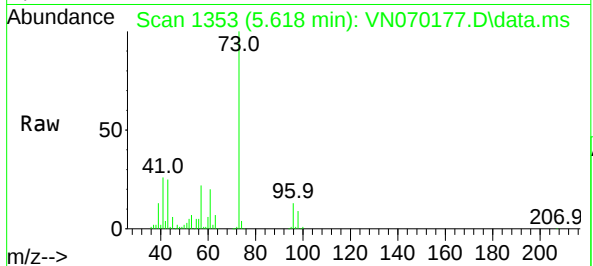
Tgt Ion: 43 Resp: 1279017
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.925 ug/l
RT: 5.618 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

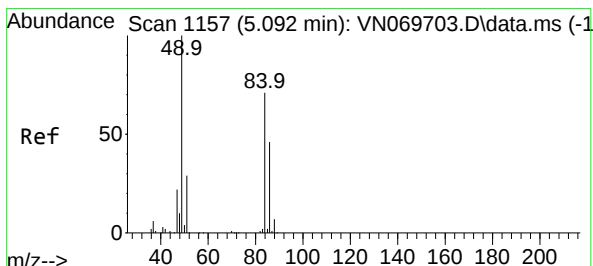
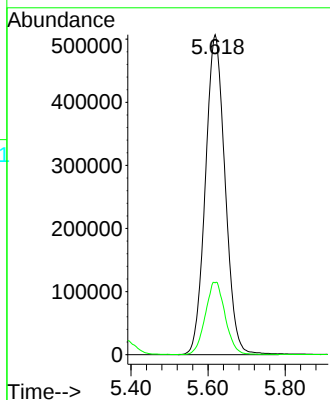
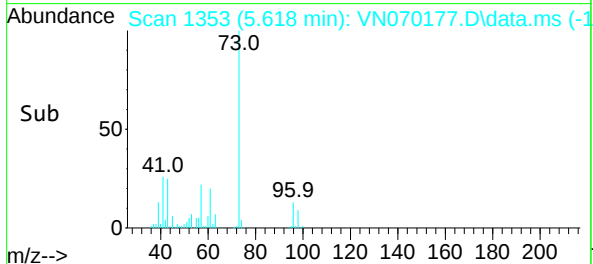
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 180068
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

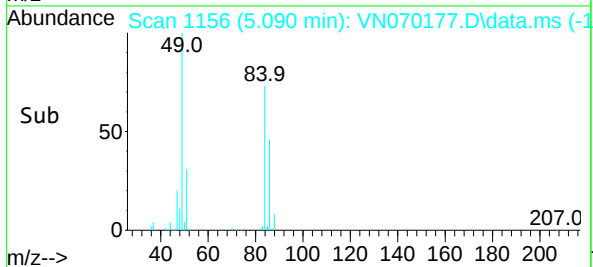
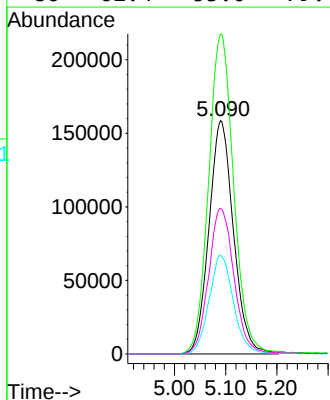
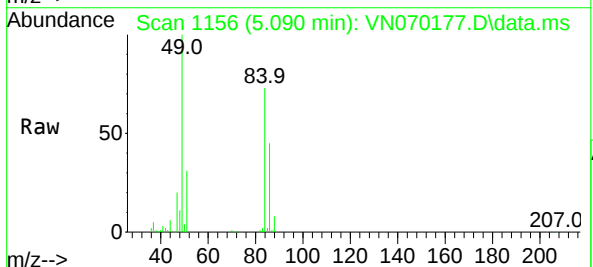
Manual Integrations
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Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 48.326 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

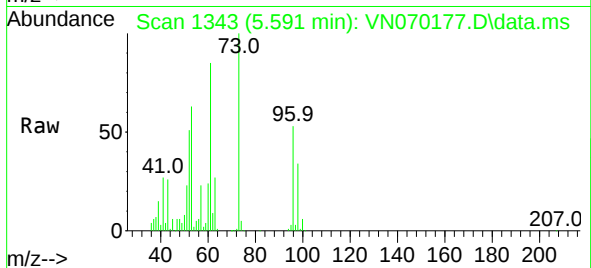
Tgt Ion: 84 Resp: 528176
Ion Ratio Lower Upper
84 100
49 137.2 93.5 140.3
51 42.3 29.4 44.2
86 62.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.471 ug/l
RT: 5.591 min Scan# 1344
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

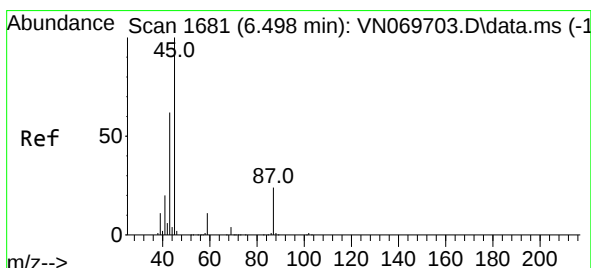
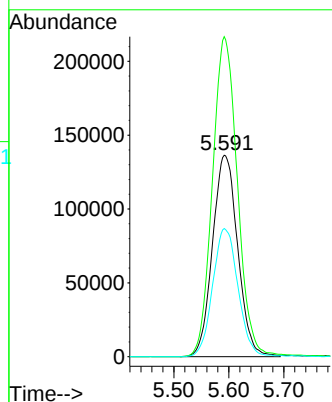
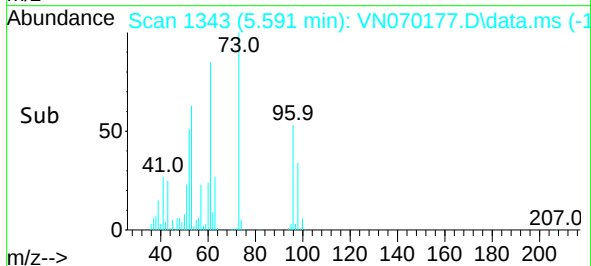
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



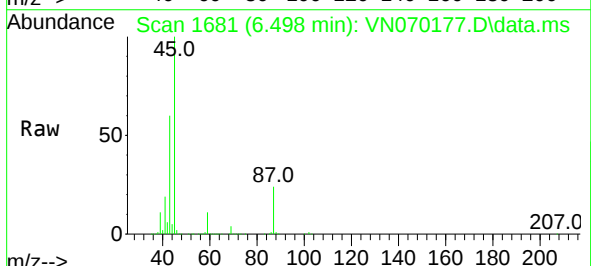
Tgt Ion: 96 Resp: 43474
Ion Ratio Lower Upper
96 100
61 158.8 105.8 158.6
98 63.6 52.0 78.0

Manual Integrations
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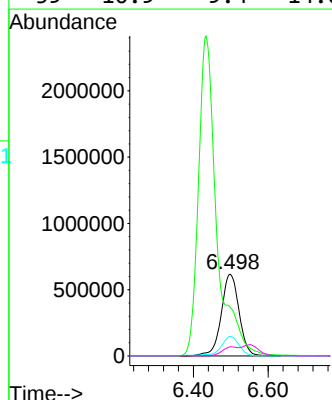
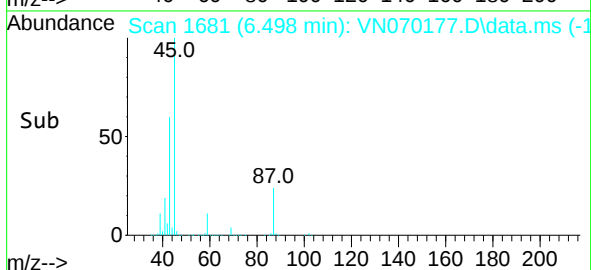
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

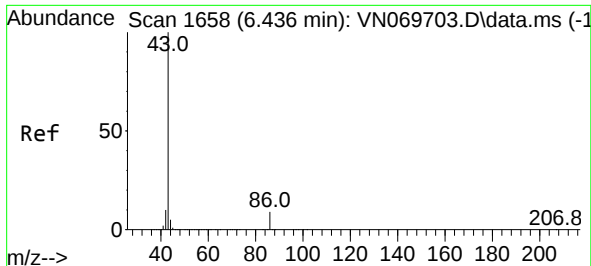


#22
Diisopropyl ether
Concen: 55.173 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



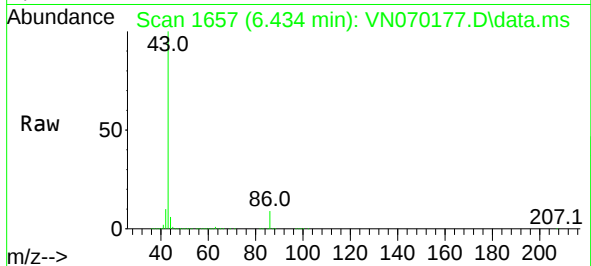
Tgt Ion: 45 Resp: 2048905
Ion Ratio Lower Upper
45 100
43 59.5 51.7 77.5
87 23.9 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 271.507 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070177.D
 Acq: 17 Dec 2021 20:52

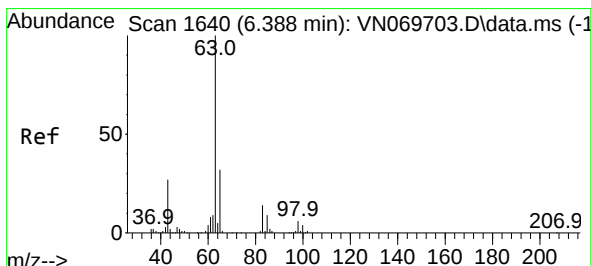
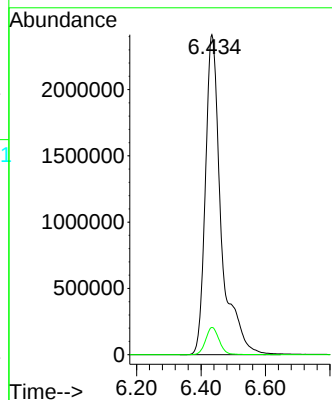
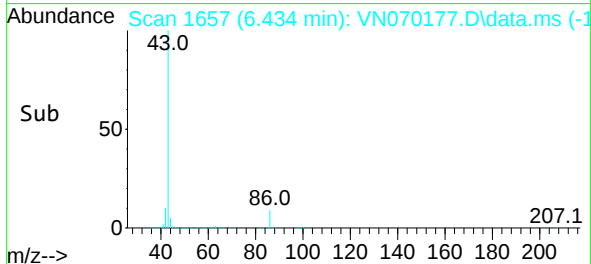
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



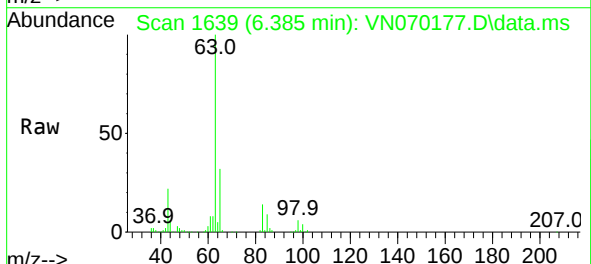
Tgt Ion: 43 Resp: 820278
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations
 APPROVED

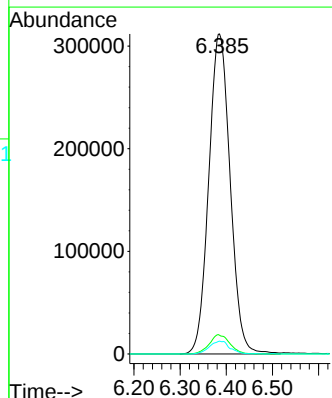
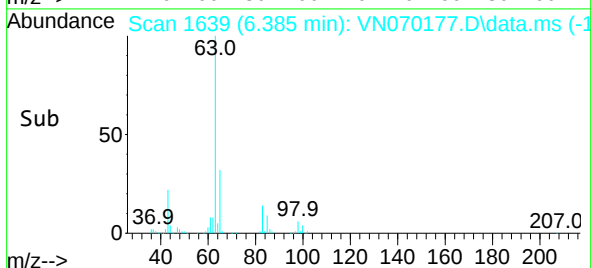
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#24
 1,1-Dichloroethane
 Concen: 52.207 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070177.D
 Acq: 17 Dec 2021 20:52



Tgt Ion: 63 Resp: 1004295
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 253.512 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 283184

Ion Ratio Lower Upper

43 100

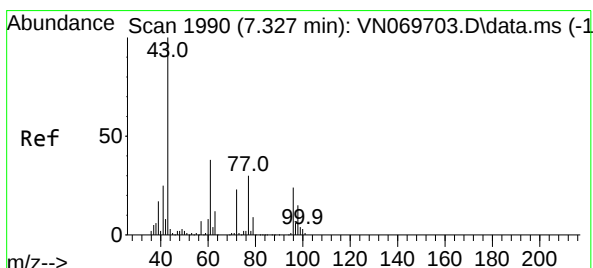
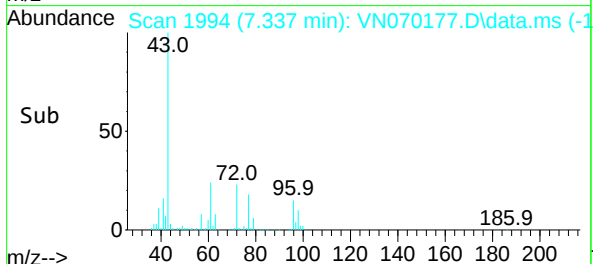
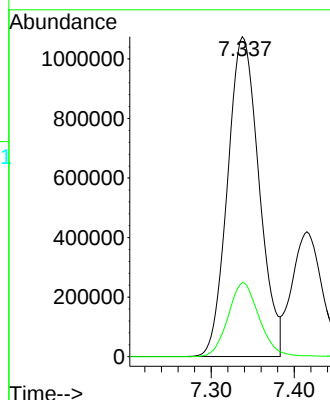
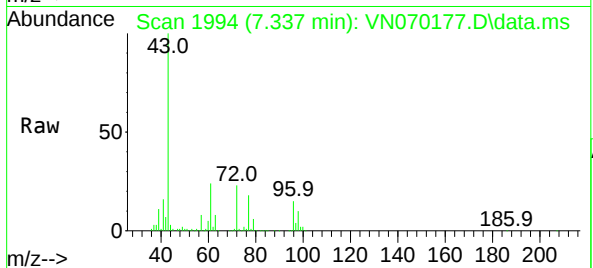
72 23.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 47.477 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070177.D

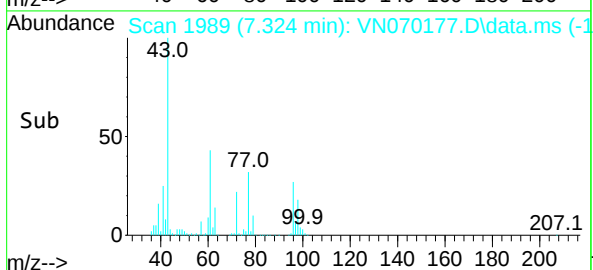
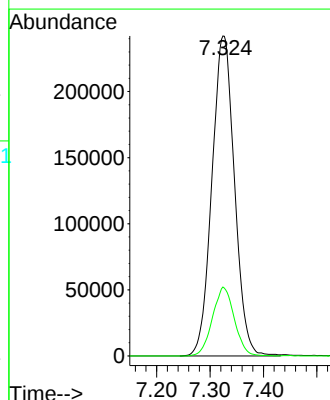
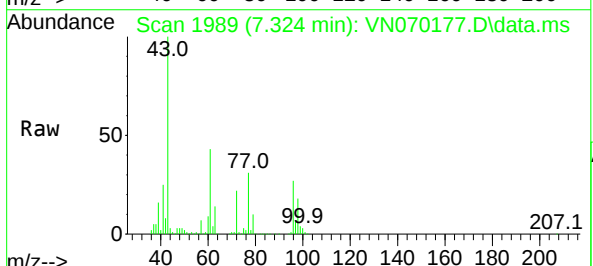
Acq: 17 Dec 2021 20:52

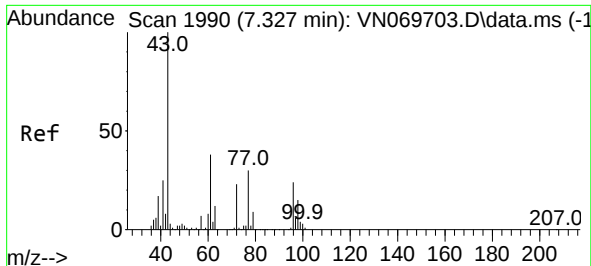
Tgt Ion: 77 Resp: 710100

Ion Ratio Lower Upper

77 100

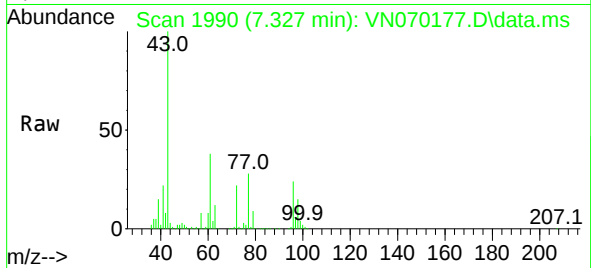
97 20.9 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.623 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070177.D
 Acq: 17 Dec 2021 20:52

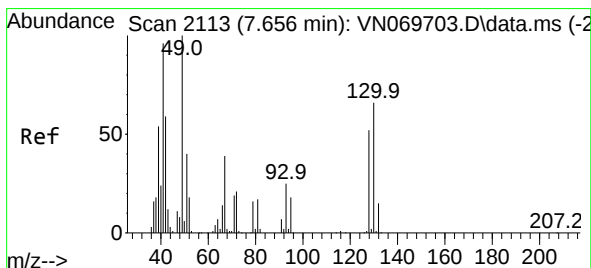
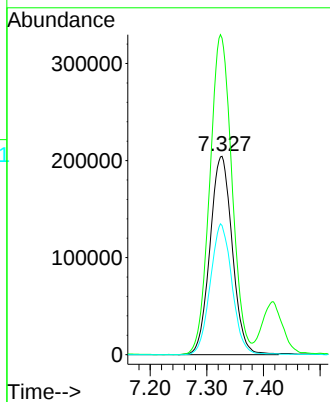
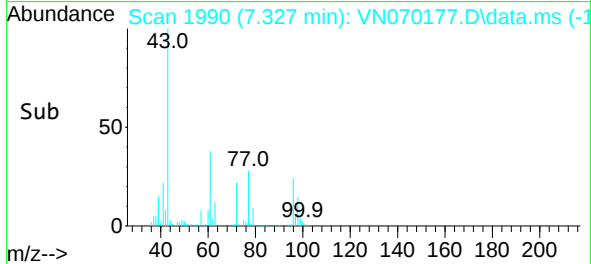
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 560120
 Ion Ratio Lower Upper
 96 100
 61 160.1 0.0 275.0
 98 64.5 0.0 129.6

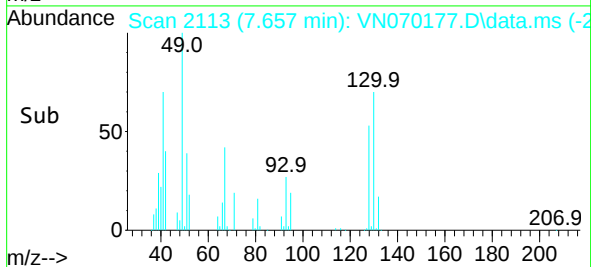
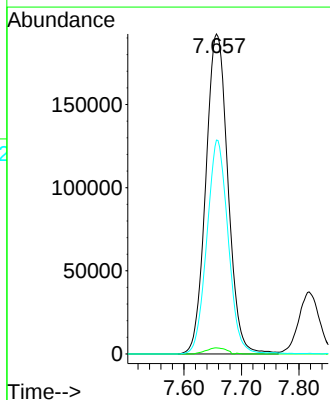
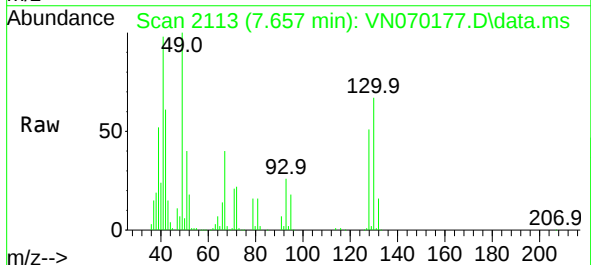
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#28
 Bromochloromethane
 Concen: 51.488 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070177.D
 Acq: 17 Dec 2021 20:52

Tgt Ion: 49 Resp: 515057
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 64.2 67.8 101.8#





#29

Tetrahydrofuran

Concen: 269.040 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070177.D

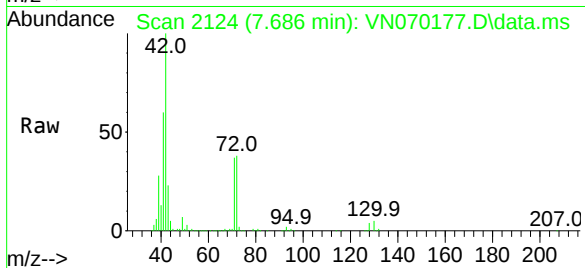
Acq: 17 Dec 2021 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 182488

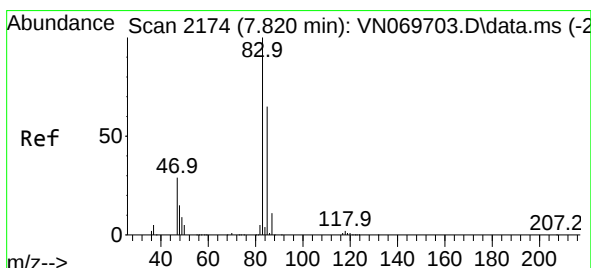
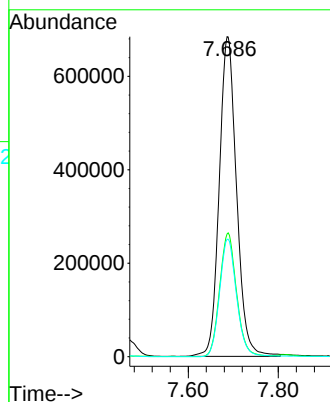
Ion	Ratio	Lower	Upper
42	100		
72	37.6	36.3	54.5
71	36.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 52.054 ug/l

RT: 7.817 min Scan# 2173

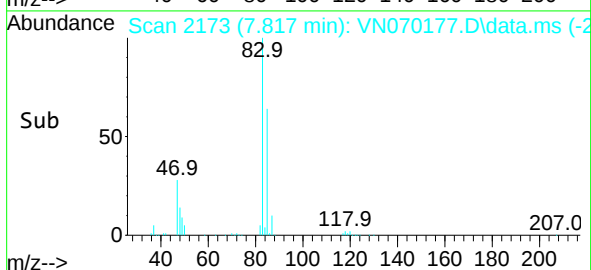
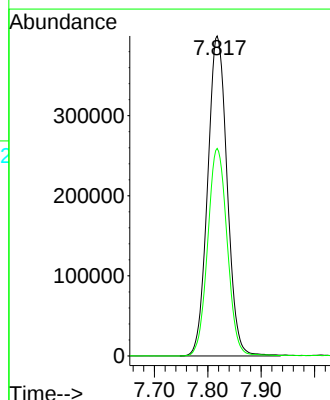
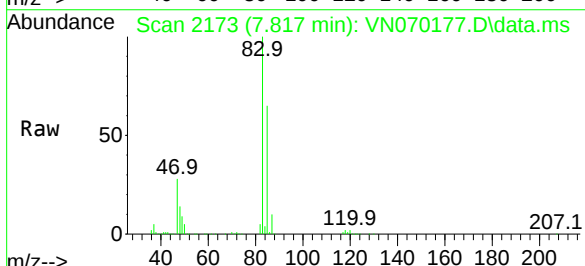
Delta R.T. -0.003 min

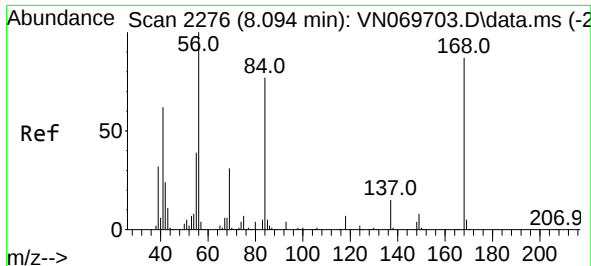
Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

Tgt Ion: 83 Resp: 1011289

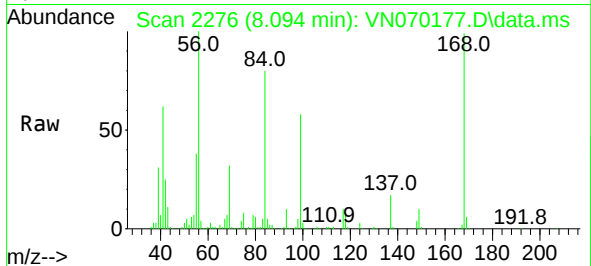
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9





#31
Cyclohexane
Concen: 45.988 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

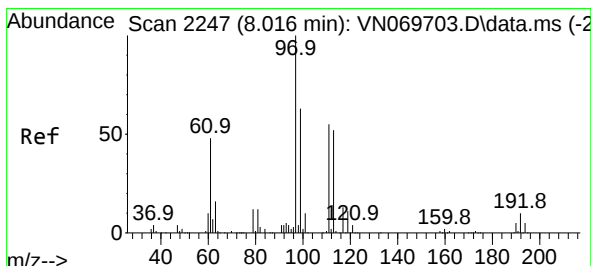
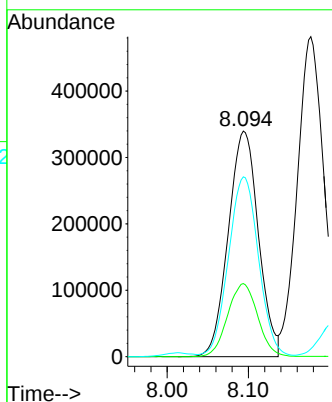
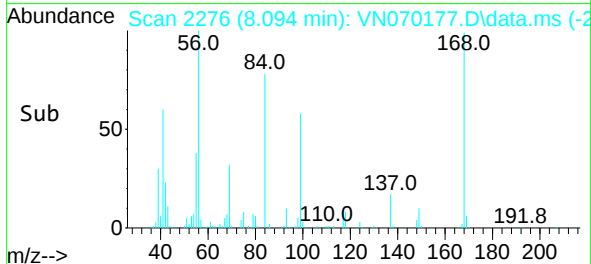
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



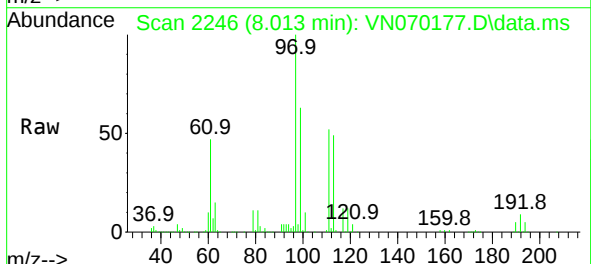
Tgt Ion: 56 Resp: 874679
Ion Ratio Lower Upper
56 100
69 32.4 27.1 40.7
84 78.0 73.4 110.0

Manual Integrations
APPROVED

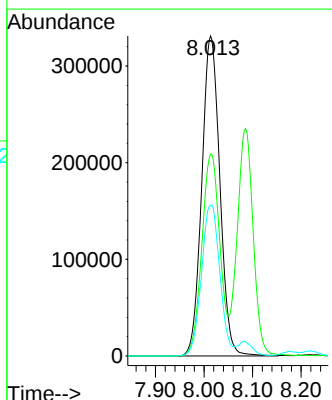
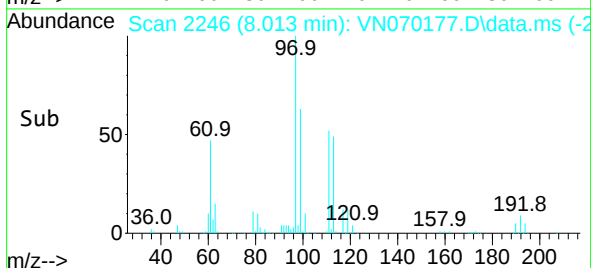
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

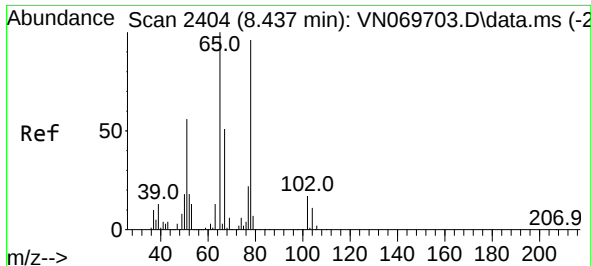


#32
1,1,1-Trichloroethane
Concen: 51.726 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



Tgt Ion: 97 Resp: 856006
Ion Ratio Lower Upper
97 100
99 63.0 50.1 75.1
61 48.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.656 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 67865

Ion Ratio Lower Upper

65 100

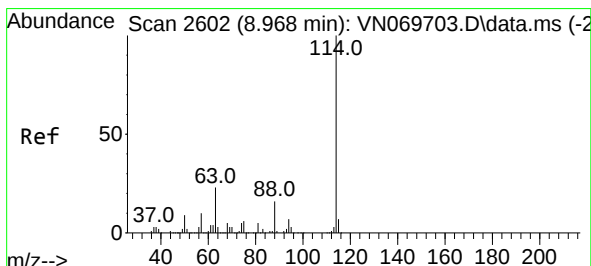
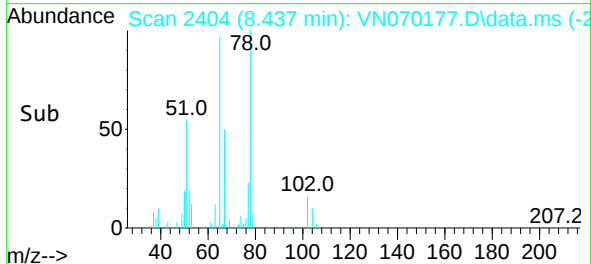
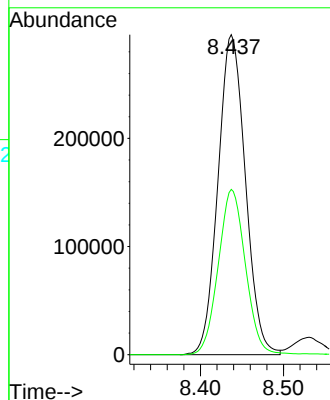
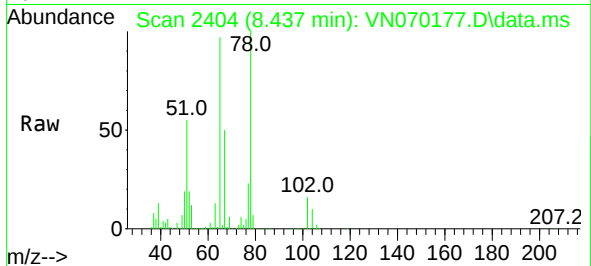
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

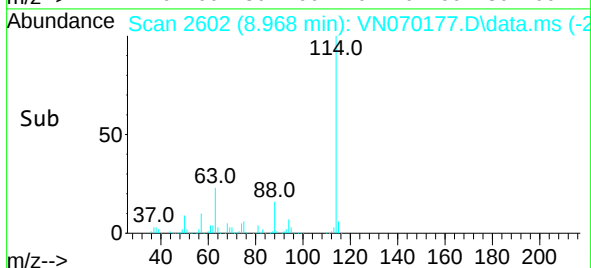
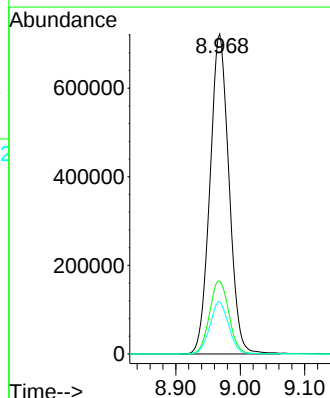
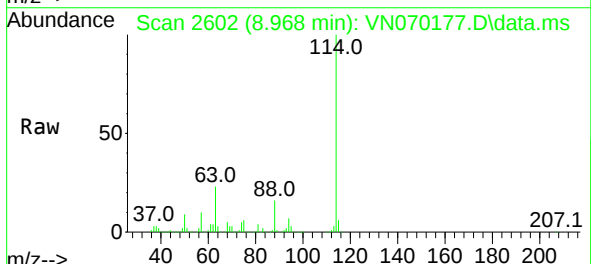
Tgt Ion:114 Resp: 1479097

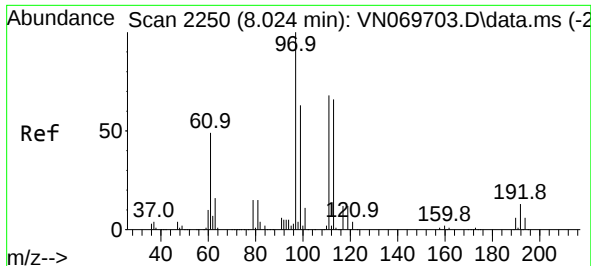
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

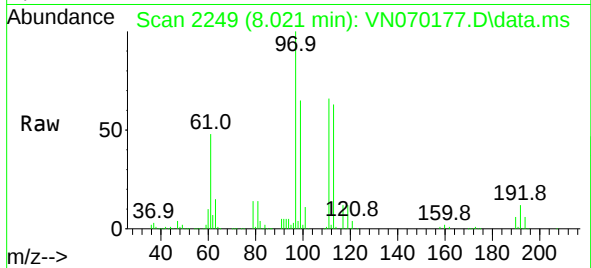
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.995 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

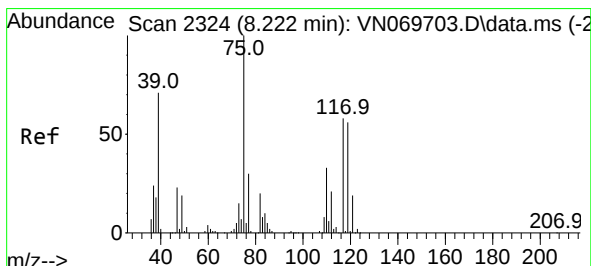
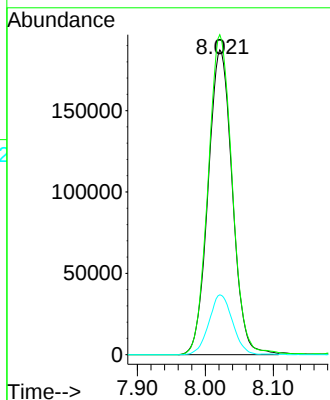
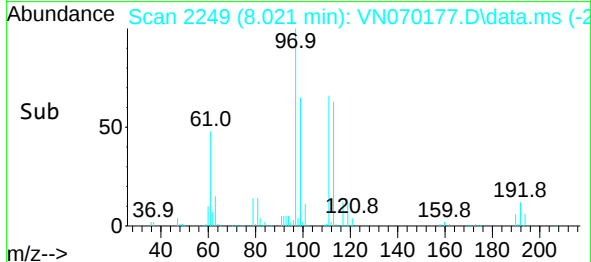
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



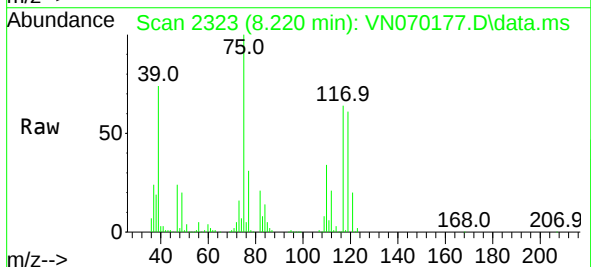
Tgt Ion: 113 Resp: 463190
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 19.2 16.9 25.3

Manual Integrations
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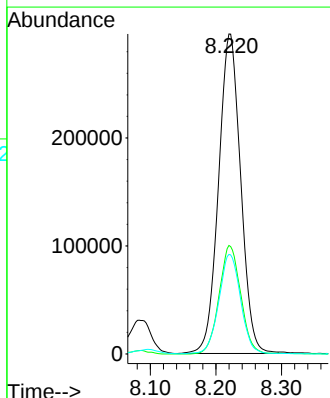
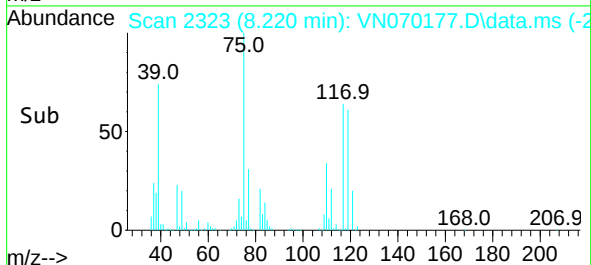
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

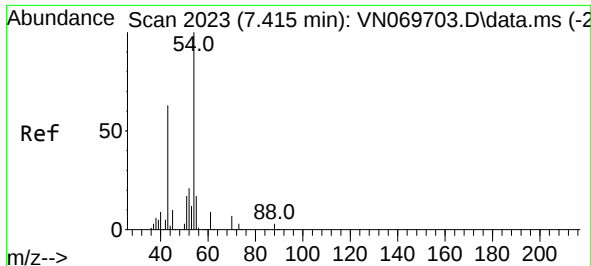


#36
1,1-Dichloropropene
Concen: 49.101 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



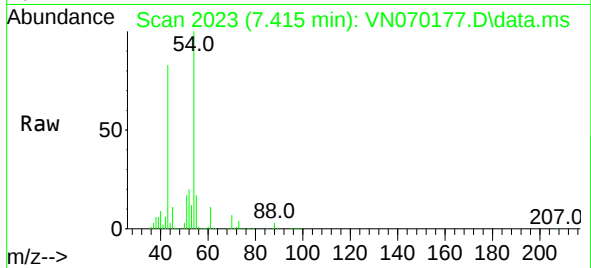
Tgt Ion: 75 Resp: 691367
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 51.031 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

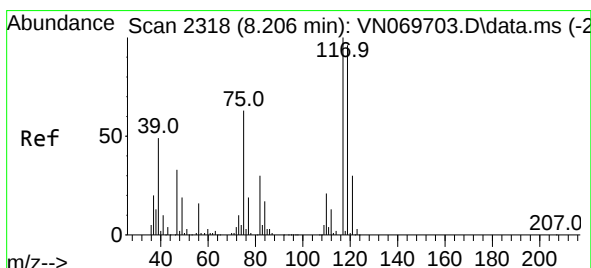
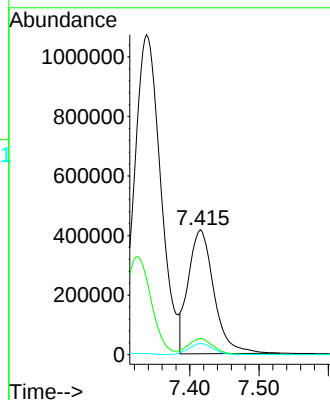
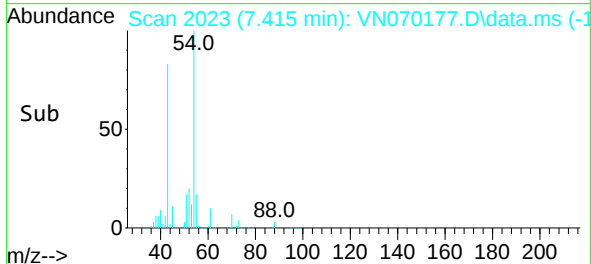
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1069470
Ion Ratio Lower Upper
43 100
61 12.7 11.5 17.3
70 8.6 7.9 11.9

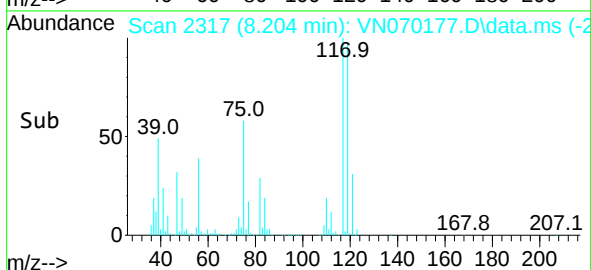
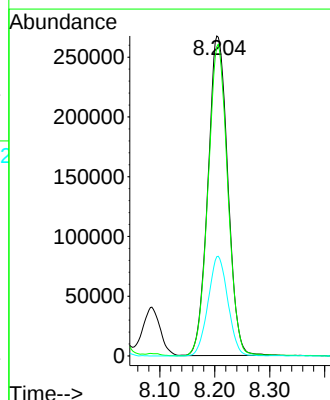
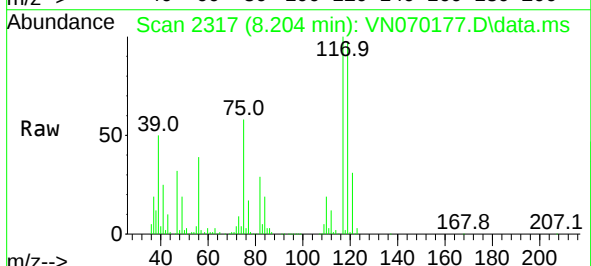
Manual Integrations
APPROVED

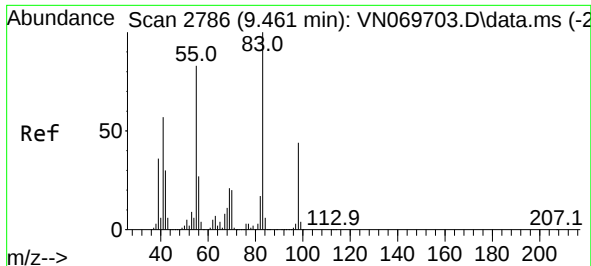
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 48.698 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

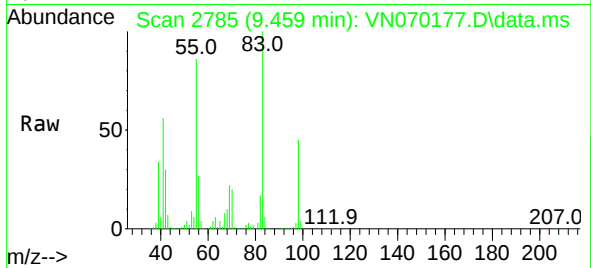
Tgt Ion:117 Resp: 672412
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 31.1 24.2 36.2





#39
Methylcyclohexane
Concen: 47.817 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

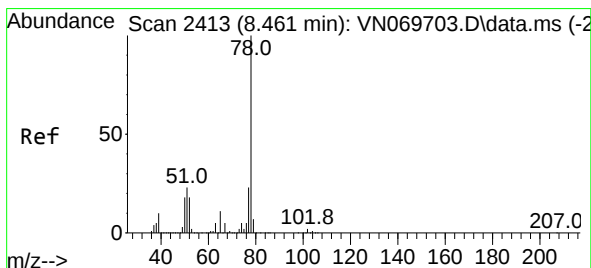
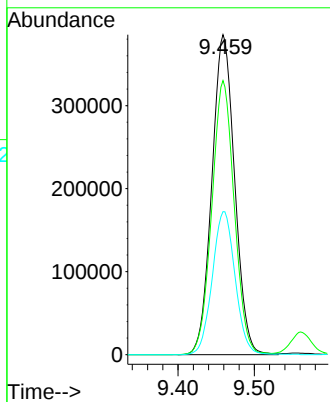
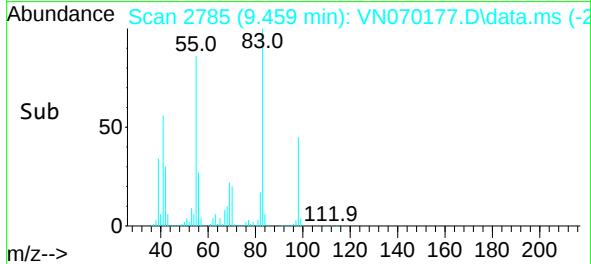
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



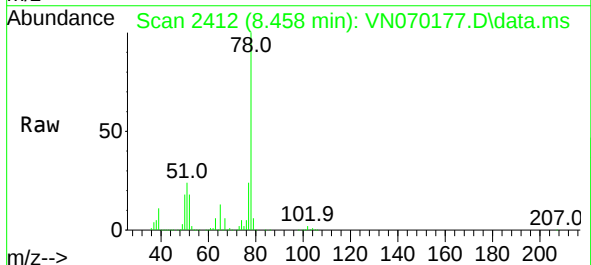
Tgt Ion: 83 Resp: 800868
Ion Ratio Lower Upper
83 100
55 85.6 58.1 87.1
98 44.7 38.4 57.6

Manual Integrations
APPROVED

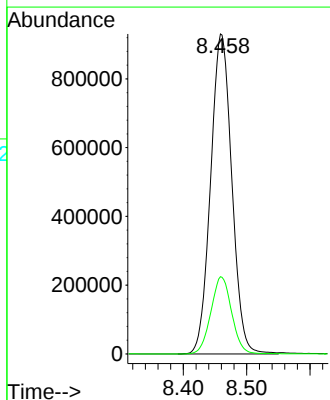
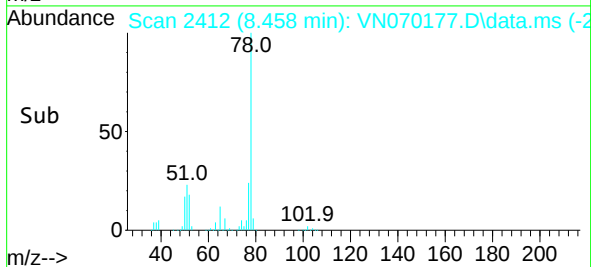
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

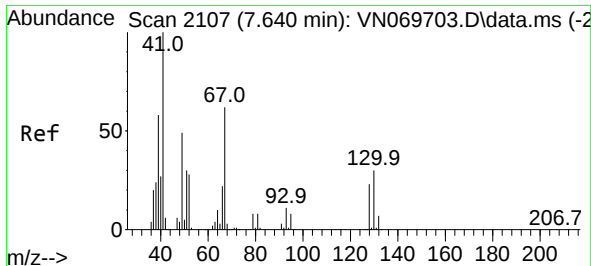


#40
Benzene
Concen: 50.288 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



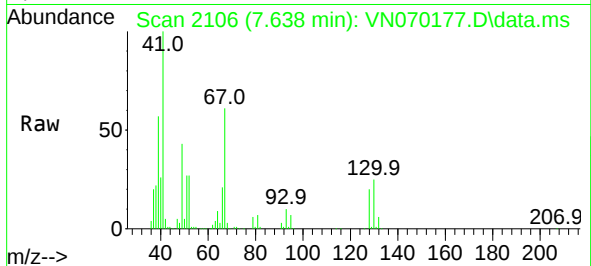
Tgt Ion: 78 Resp: 2164357
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 57.406 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

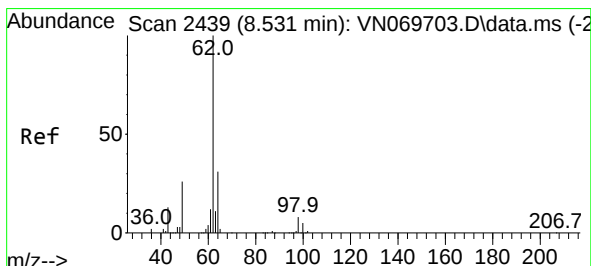
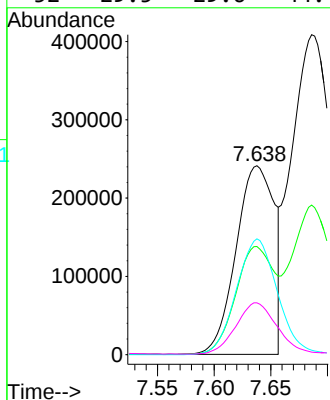
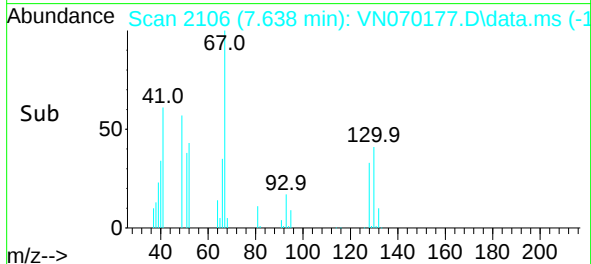
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 564750
Ion Ratio Lower Upper
41 100
39 56.8 48.1 72.1
67 66.3 68.3 102.5
52 29.5 29.6 44.4#

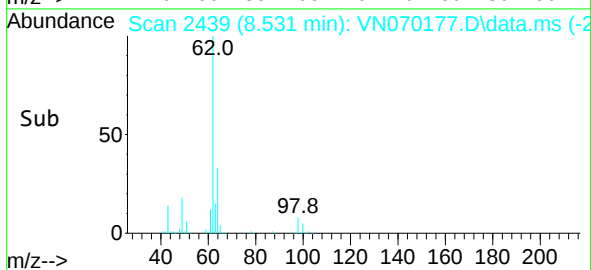
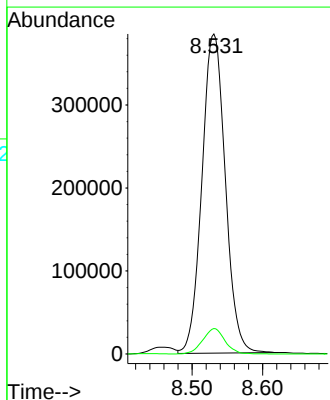
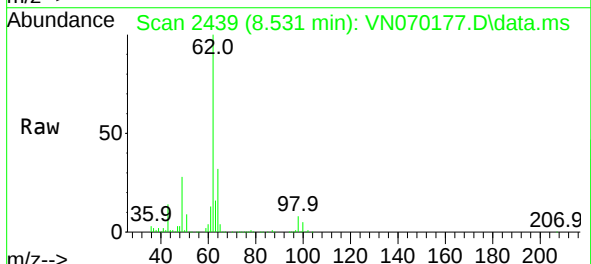
Manual Integrations
APPROVED

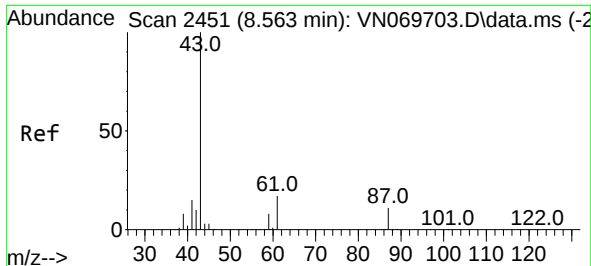
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 51.001 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

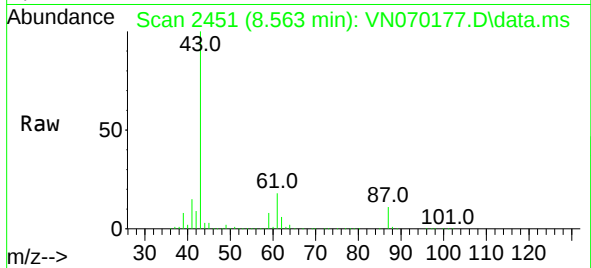
Tgt Ion: 62 Resp: 886076
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 54.121 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

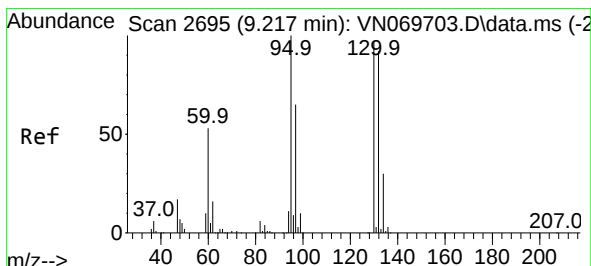
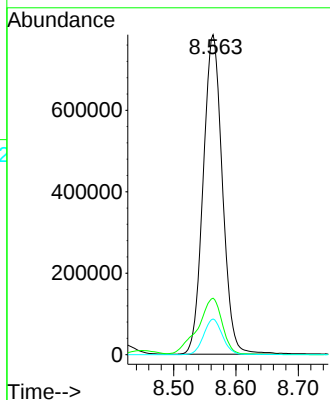
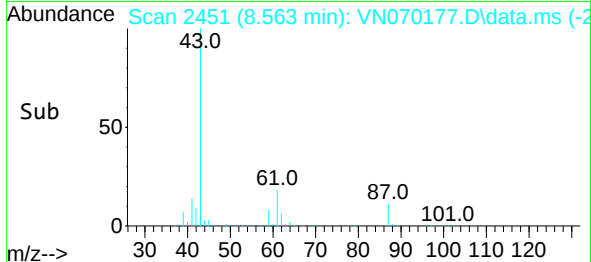
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



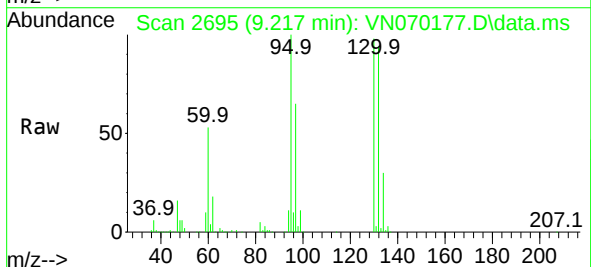
Tgt Ion: 43 Resp: 167846
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 11.0 11.2 16.8

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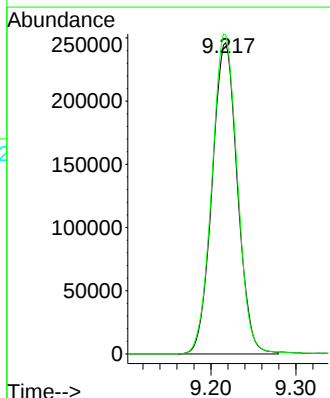
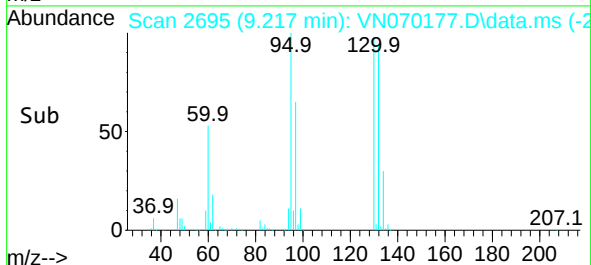
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

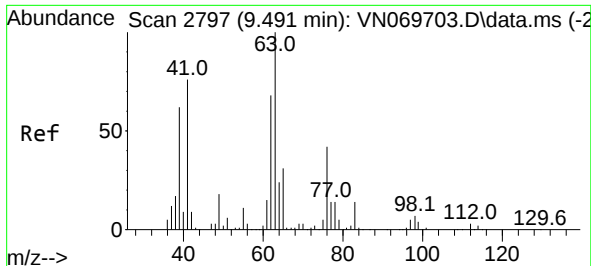


#44
Trichloroethene
Concen: 49.561 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



Tgt Ion:130 Resp: 509112
Ion Ratio Lower Upper
130 100
95 102.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.290 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 604330

Ion Ratio Lower Upper

63 100

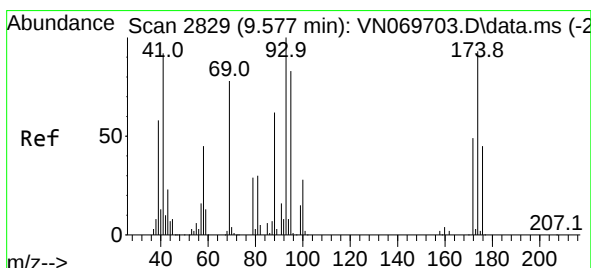
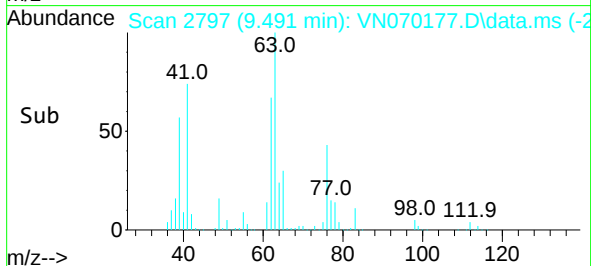
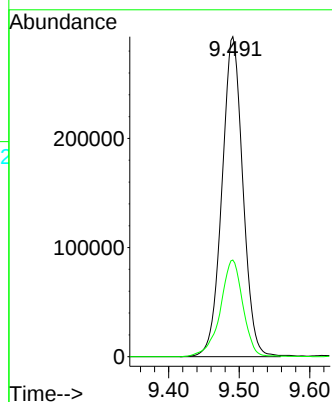
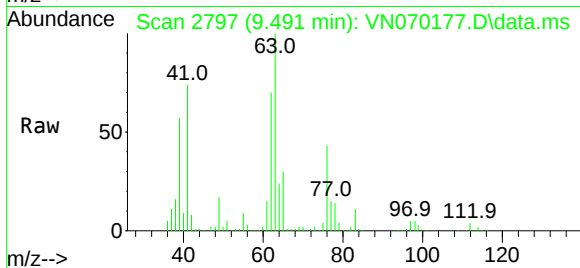
65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 51.045 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

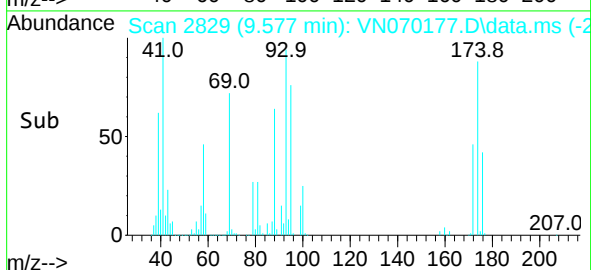
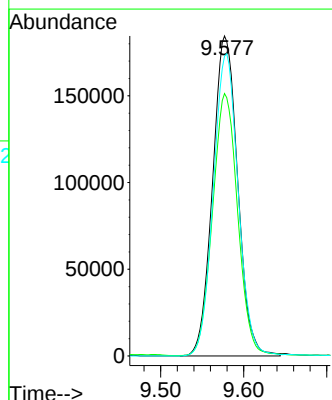
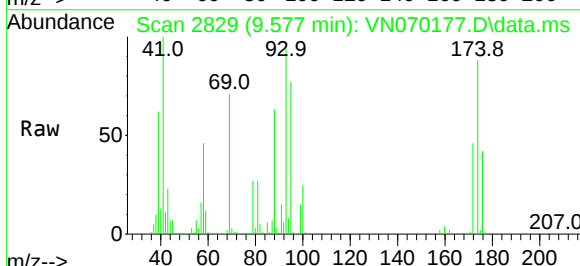
Tgt Ion: 93 Resp: 386908

Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

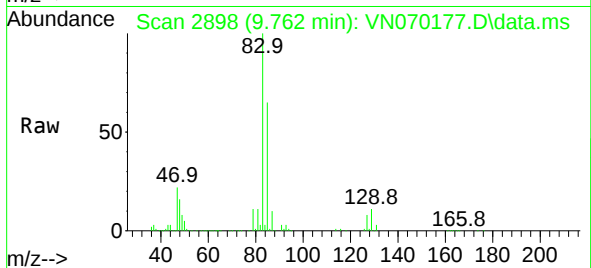
174 93.7 84.6 127.0





#47
Bromodichloromethane
Concen: 53.382 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

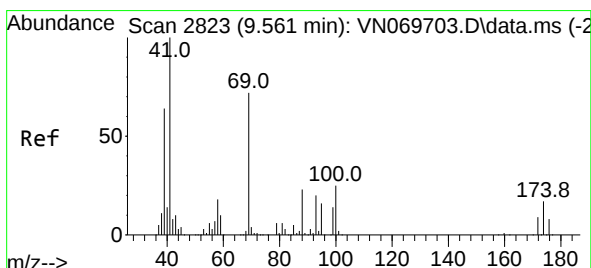
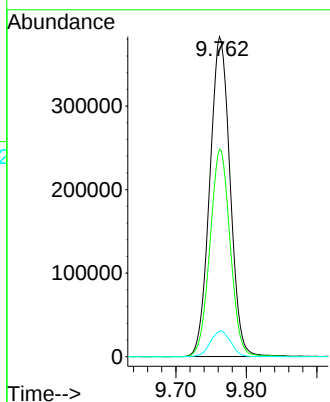
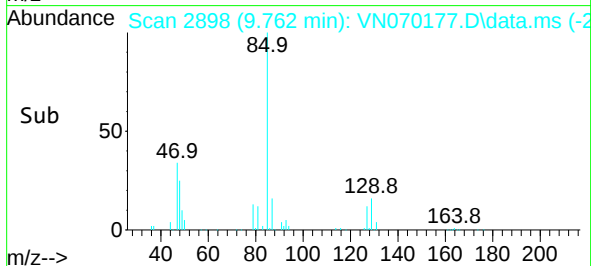
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 766090
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3
127 8.0 7.1 10.7

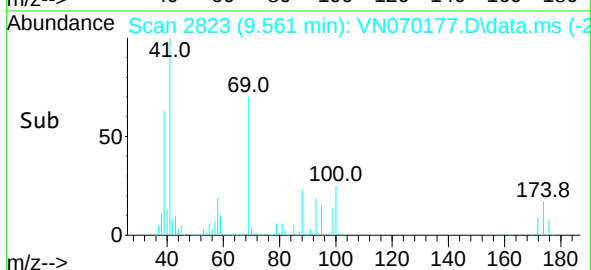
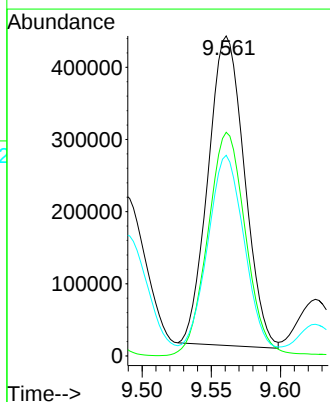
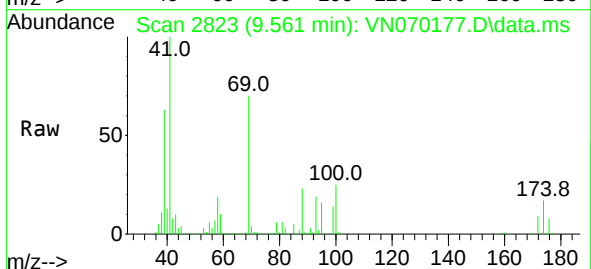
Manual Integrations
APPROVED

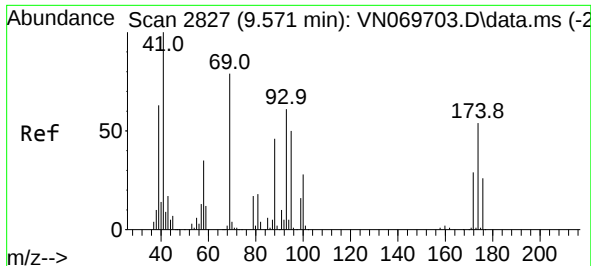
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 54.087 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

Tgt Ion: 41 Resp: 782806
Ion Ratio Lower Upper
41 100
69 75.8 72.4 108.6
39 66.5 58.4 87.6





#49

1,4-Dioxane

Concen: 1117.635 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN070177.D

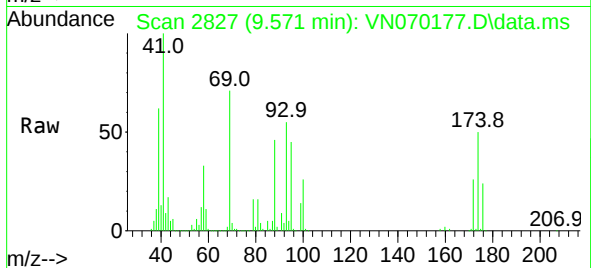
Acq: 17 Dec 2021 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 290240

Ion Ratio Lower Upper

88 100

43 35.6 23.4 35.2

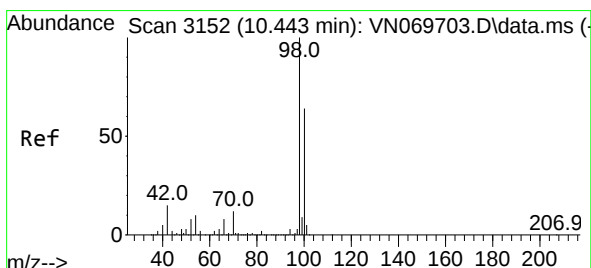
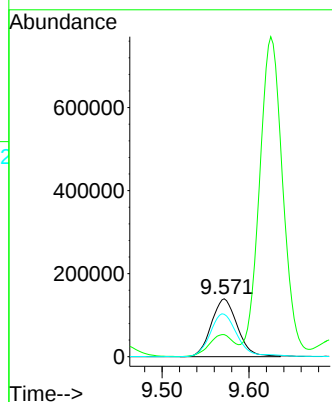
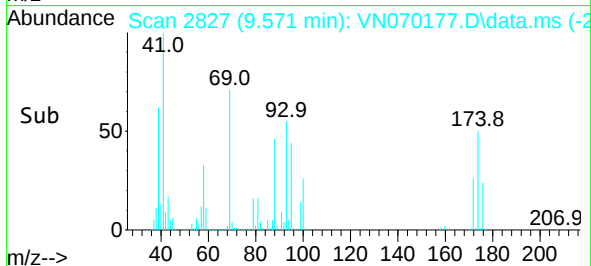
58 77.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 49.110 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN070177.D

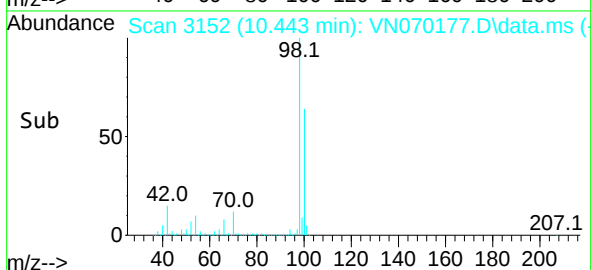
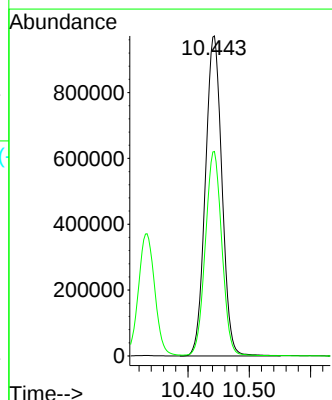
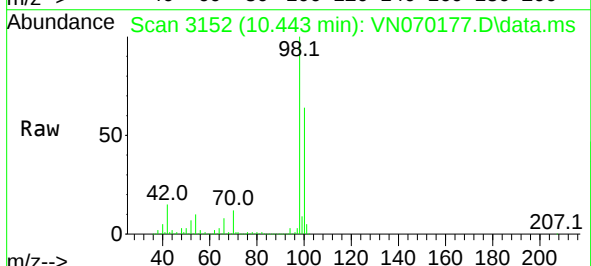
Acq: 17 Dec 2021 20:52

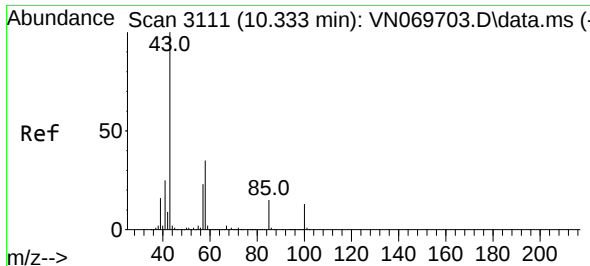
Tgt Ion: 98 Resp: 1826955

Ion Ratio Lower Upper

98 100

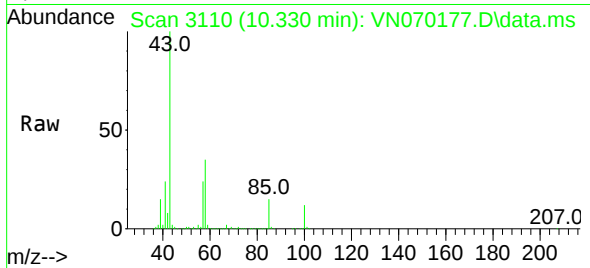
100 63.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 283.923 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

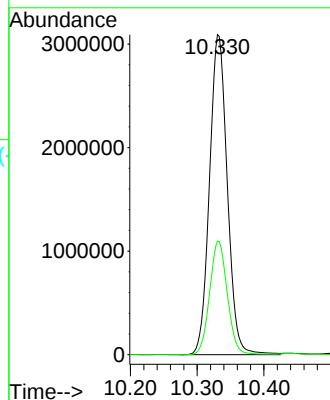
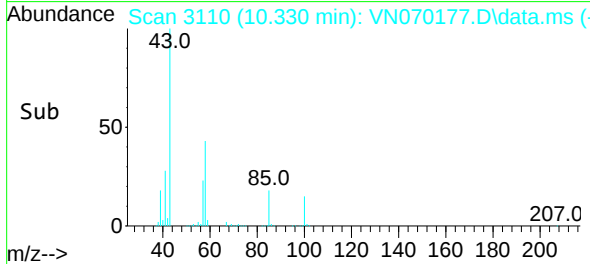
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 571226
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

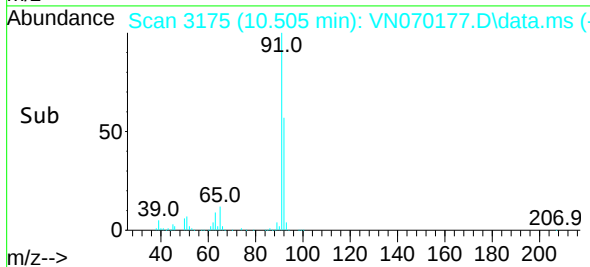
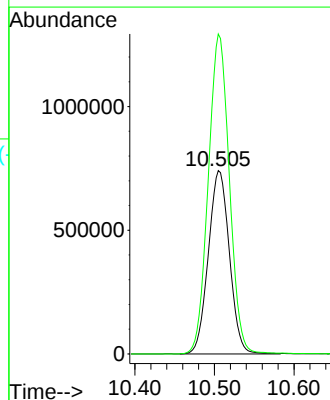
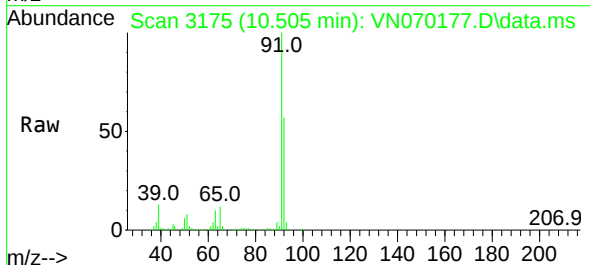
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 51.814 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

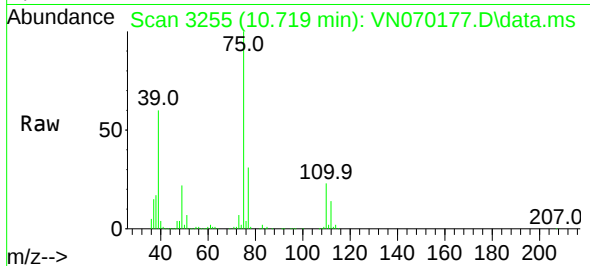
Tgt Ion: 92 Resp: 1361453
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.852 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

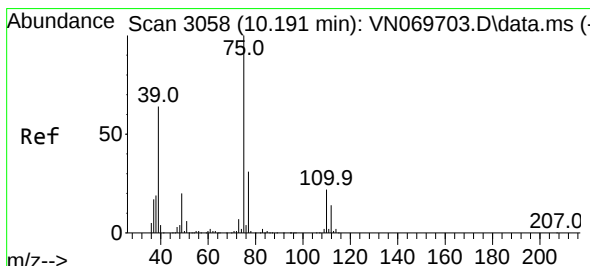
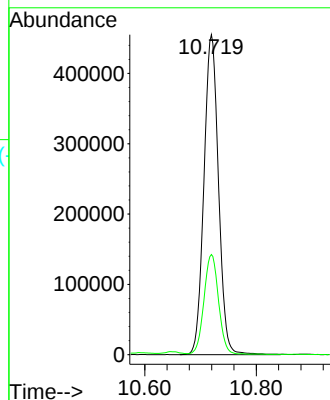
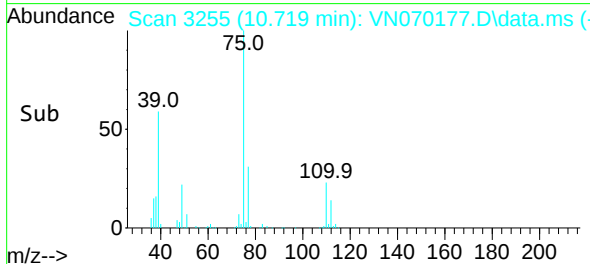
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



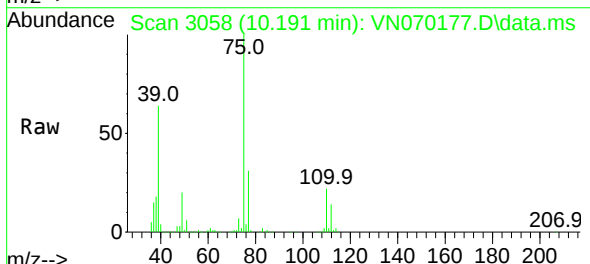
Tgt Ion: 75 Resp: 82388
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

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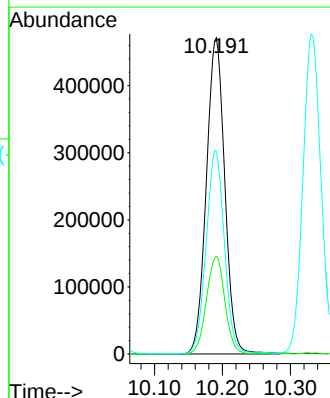
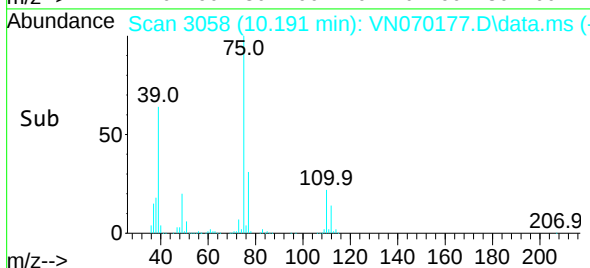
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

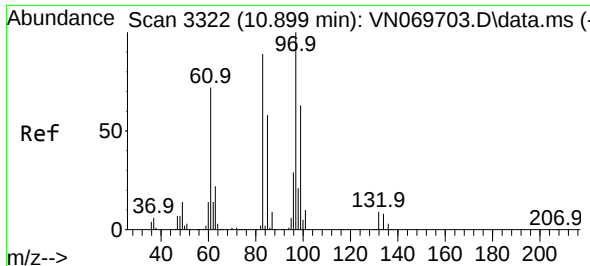


#54
cis-1,3-Dichloropropene
Concen: 49.124 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



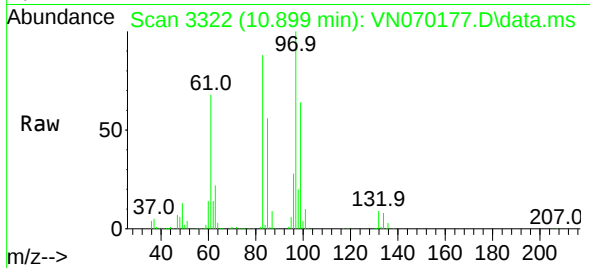
Tgt Ion: 75 Resp: 889365
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 64.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 53.356 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

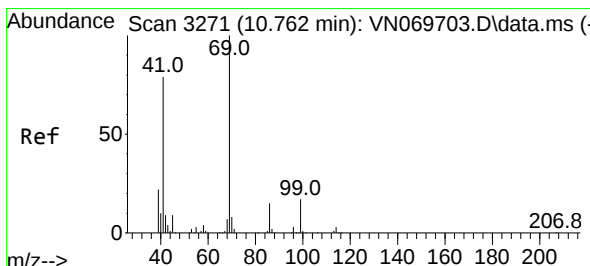
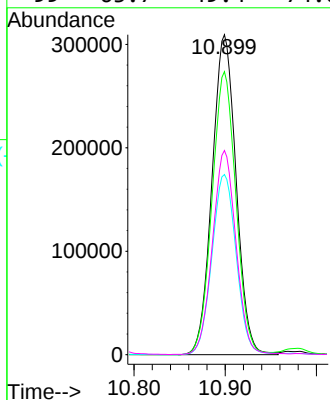
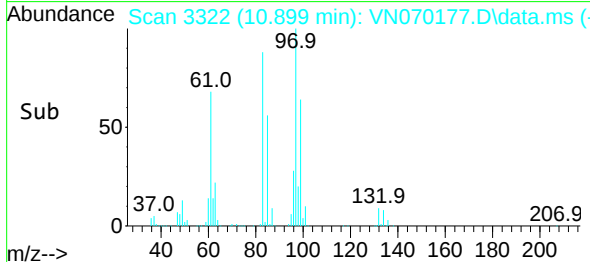
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



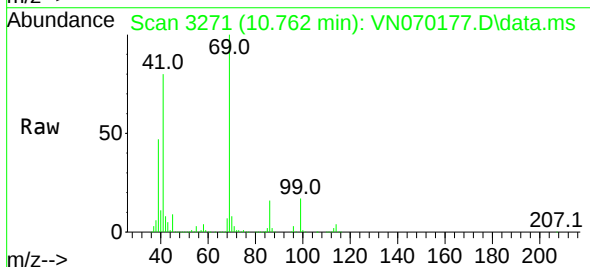
Tgt Ion: 97 Resp: 56566
Ion Ratio Lower Upper
97 100
83 88.4 67.8 101.6
85 56.3 45.4 68.2
99 63.7 49.4 74.0

Manual Integrations
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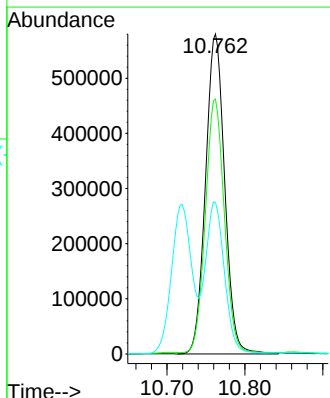
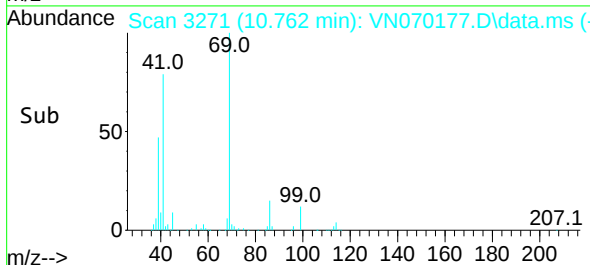
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

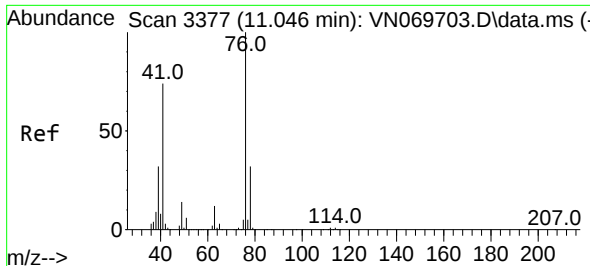


#56
Ethyl methacrylate
Concen: 49.632 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



Tgt Ion: 69 Resp: 992486
Ion Ratio Lower Upper
69 100
41 78.4 51.4 77.0#
39 46.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 53.087 ug/l

RT: 11.044 min Scan# 3377

Delta R.T. -0.003 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 99100

Ion Ratio Lower Upper

76 100

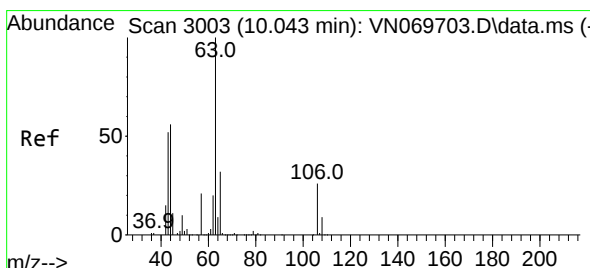
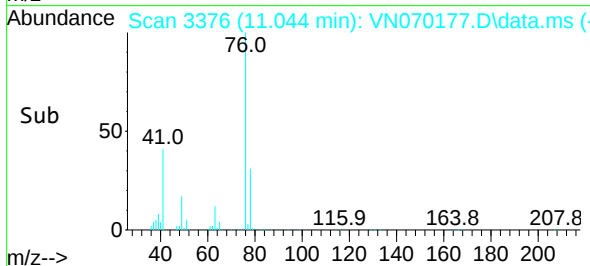
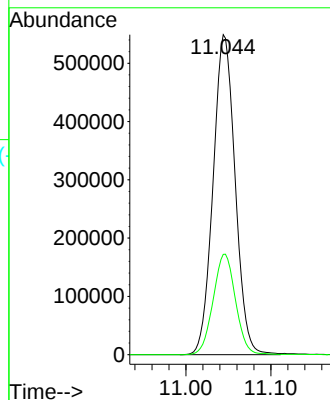
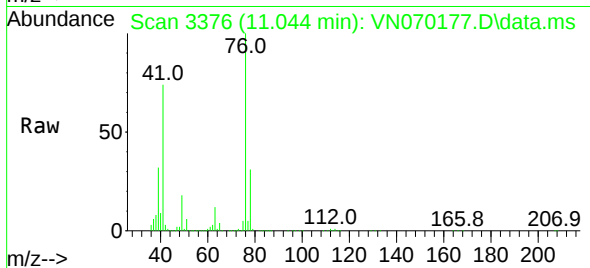
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 322.473 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN070177.D

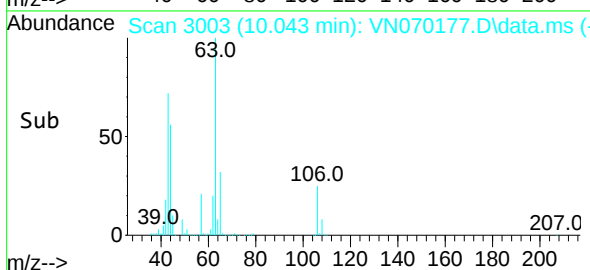
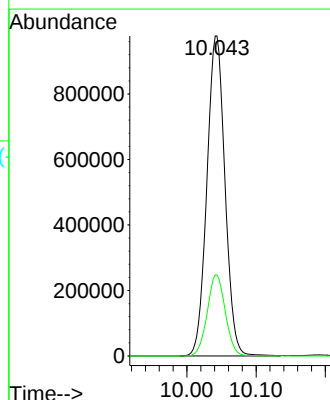
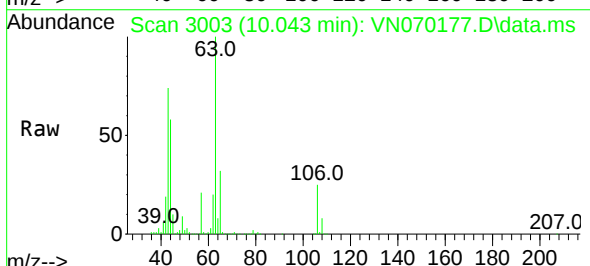
Acq: 17 Dec 2021 20:52

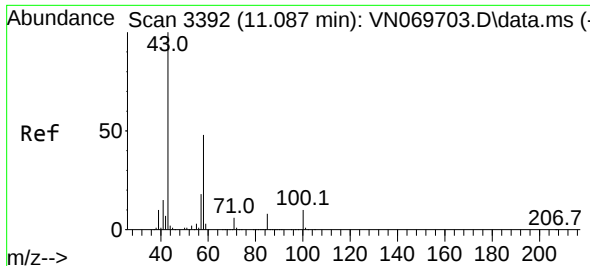
Tgt Ion: 63 Resp: 1773082

Ion Ratio Lower Upper

63 100

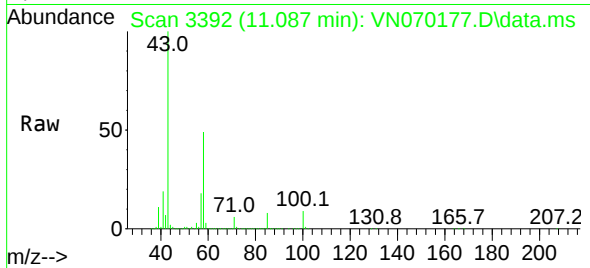
106 25.3 23.9 35.9





#59
2-Hexanone
Concen: 279.030 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

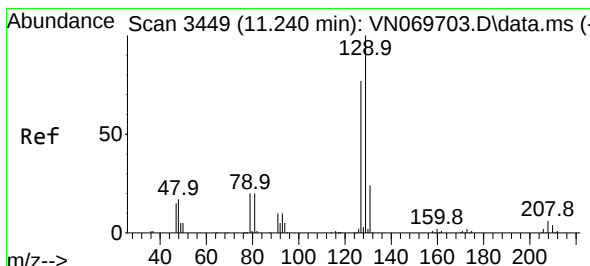
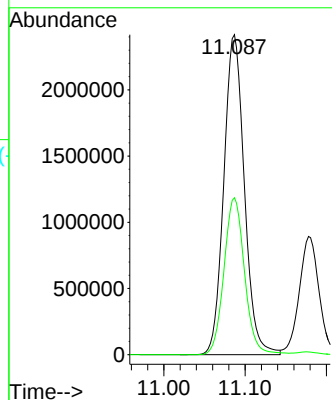
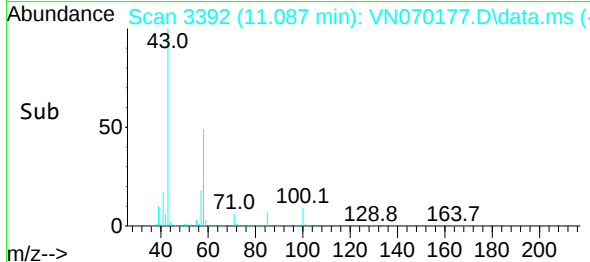
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4246678
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7

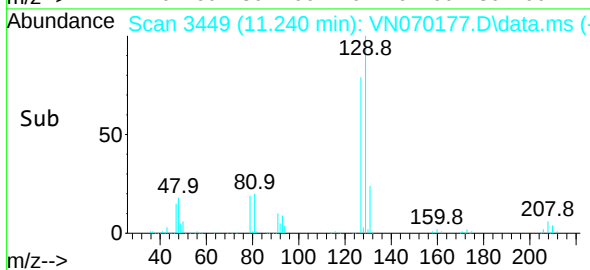
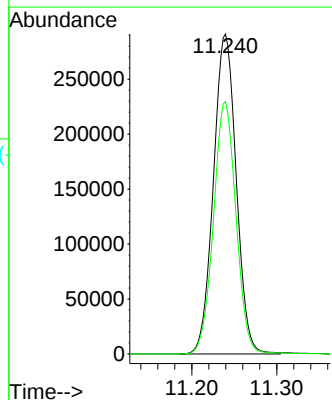
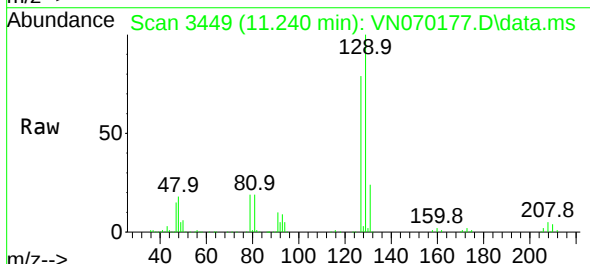
Manual Integrations
APPROVED

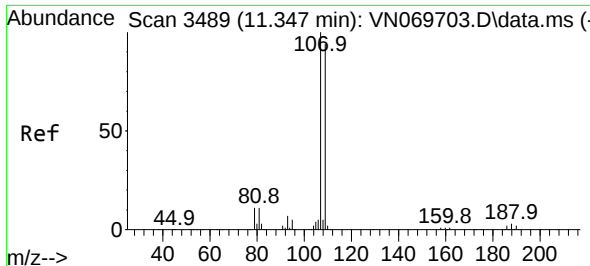
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 47.864 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

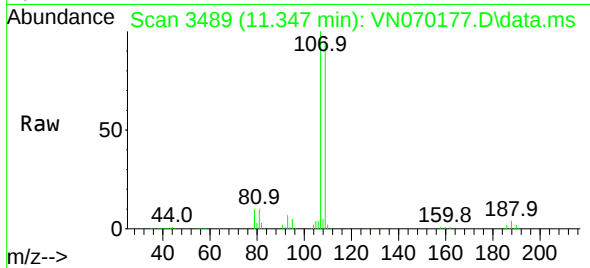
Tgt Ion:129 Resp: 542497
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.181 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

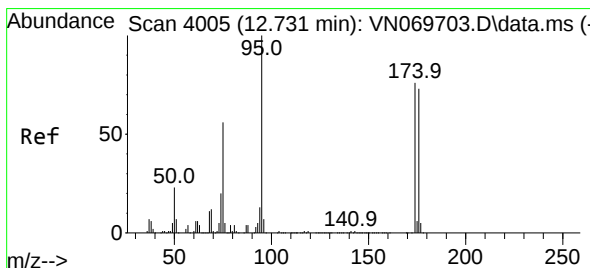
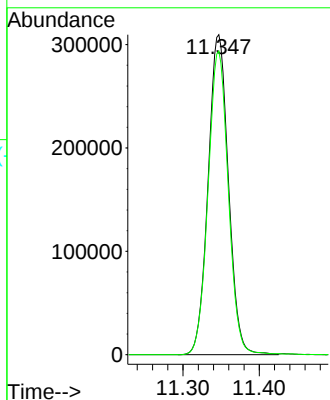
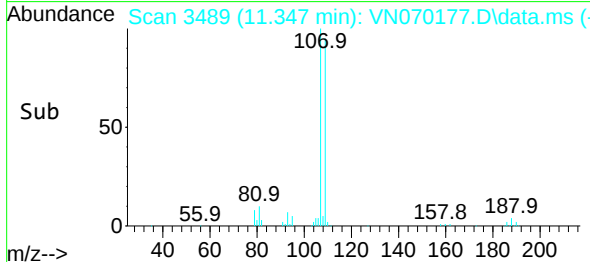
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 57299
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

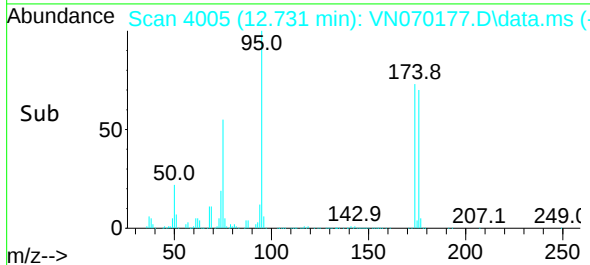
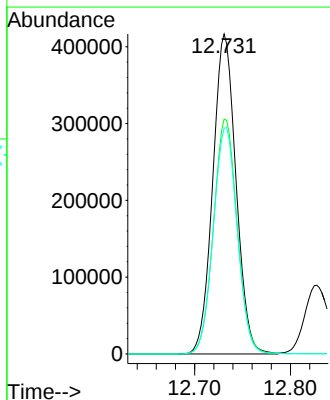
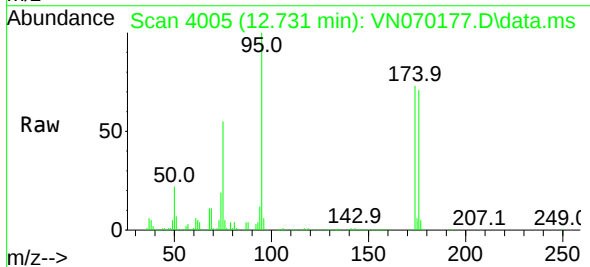
Manual Integrations
APPROVED

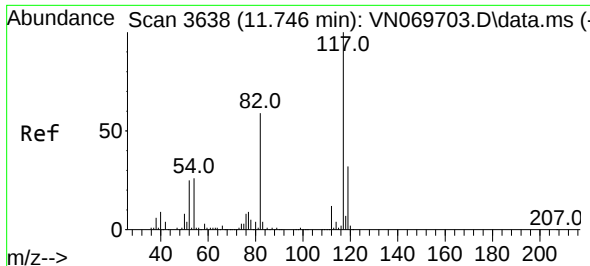
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 51.913 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

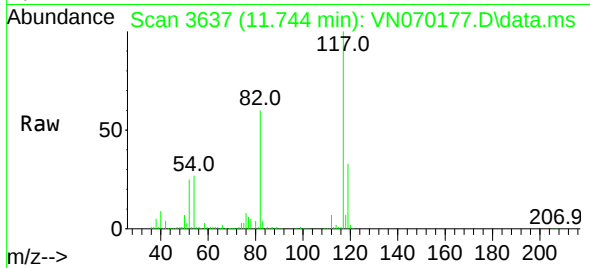
Tgt Ion: 95 Resp: 699641
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

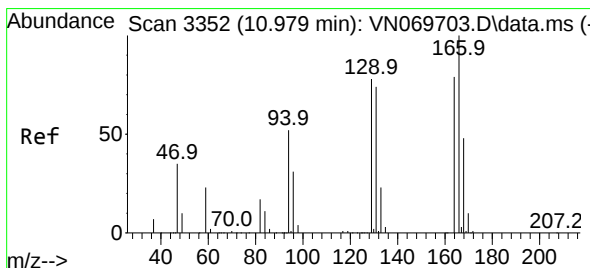
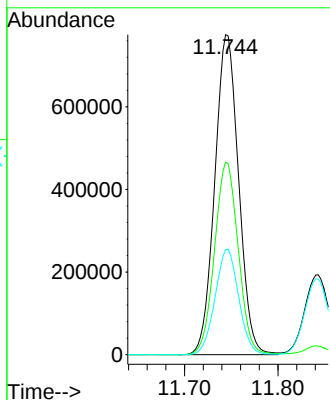
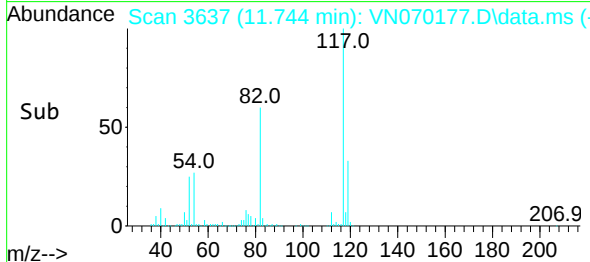
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 1376110
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.8 25.4 38.2

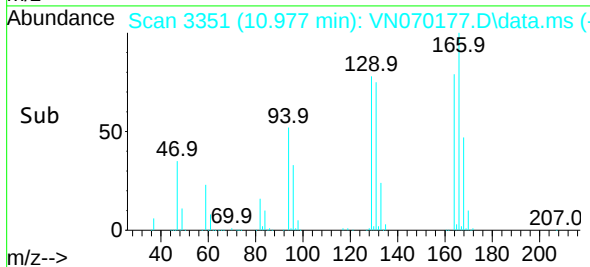
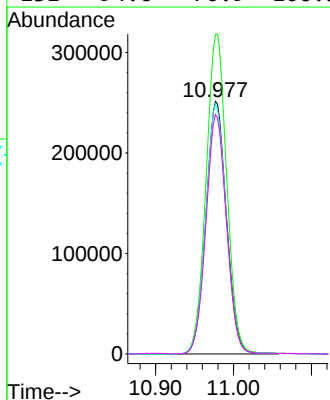
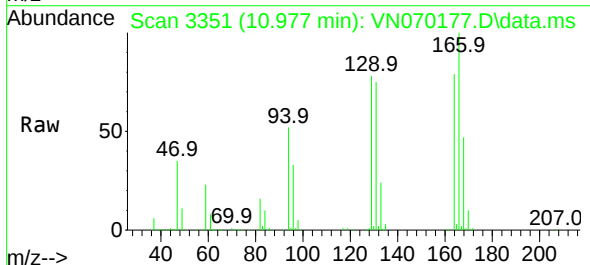
Manual Integrations
APPROVED

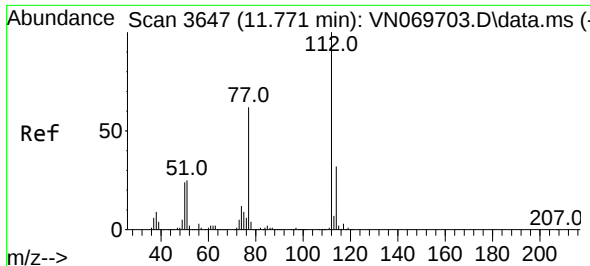
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#64
Tetrachloroethene
Concen: 49.465 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

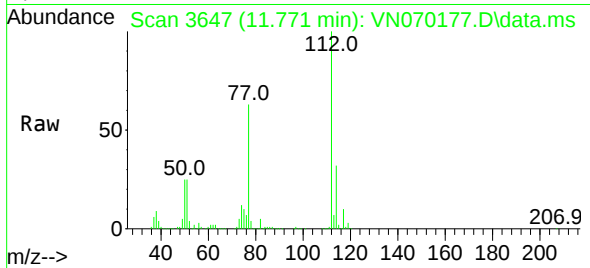
Tgt Ion:164 Resp: 461559
Ion Ratio Lower Upper
164 100
166 126.6 101.9 152.9
129 99.1 72.0 108.0
131 94.6 70.9 106.3





#65
Chlorobenzene
Concen: 51.680 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

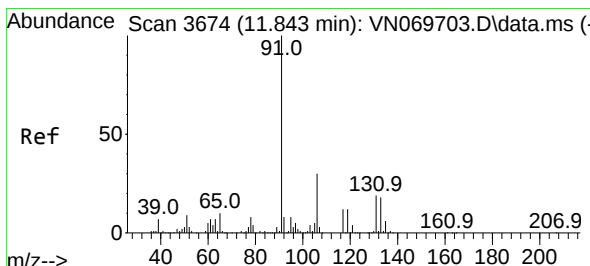
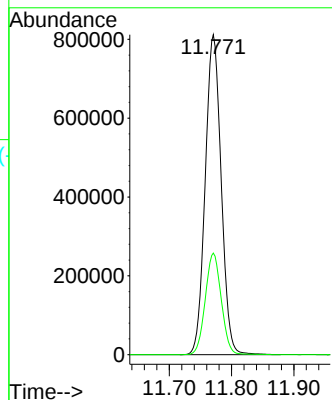
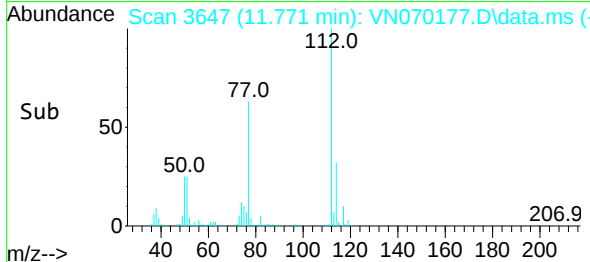
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 144275
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

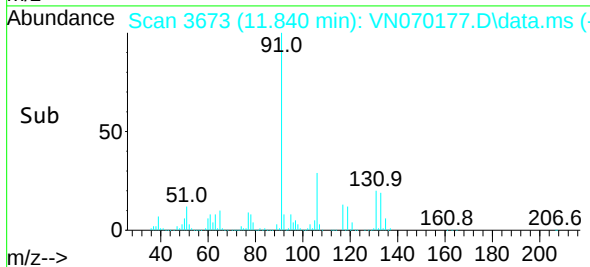
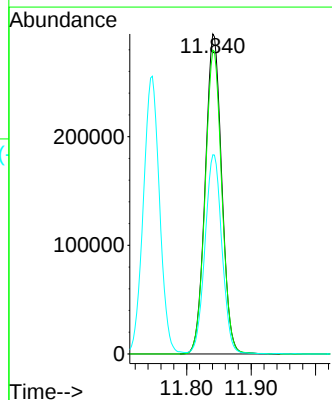
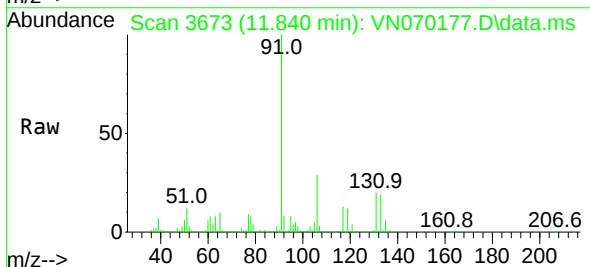
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 53.316 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

Tgt Ion:131 Resp: 523884
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.0 32.1 96.5





#67

Ethyl Benzene

Concen: 54.257 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 2751458

Ion Ratio Lower Upper

91 100

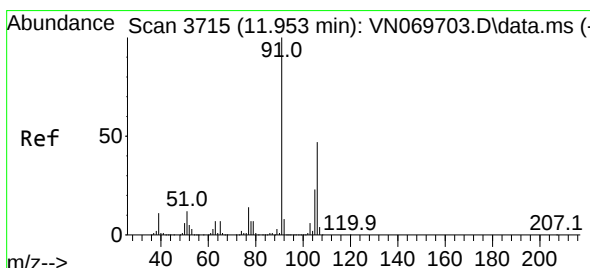
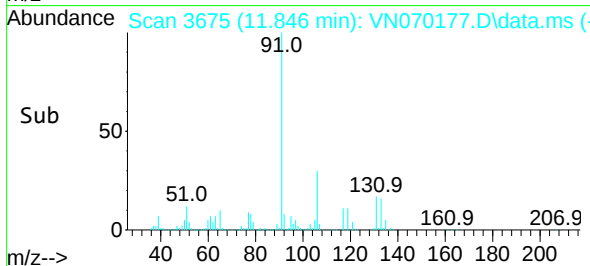
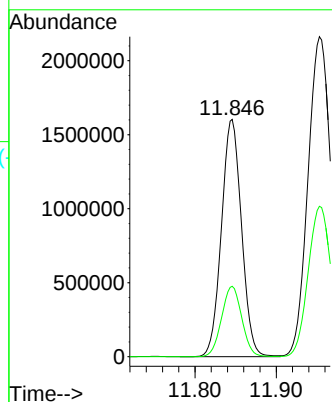
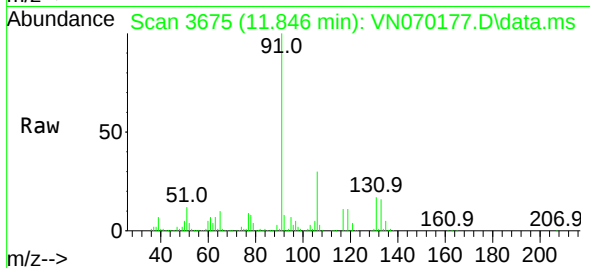
106 29.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#68

m/p-Xylenes

Concen: 108.941 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN070177.D

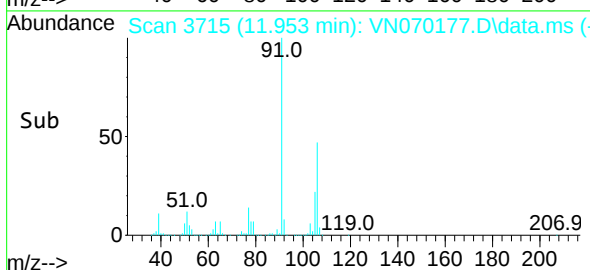
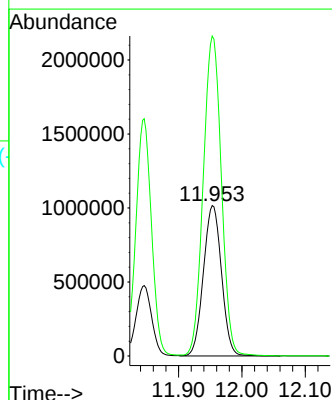
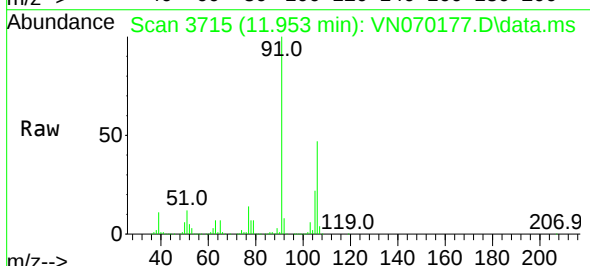
Acq: 17 Dec 2021 20:52

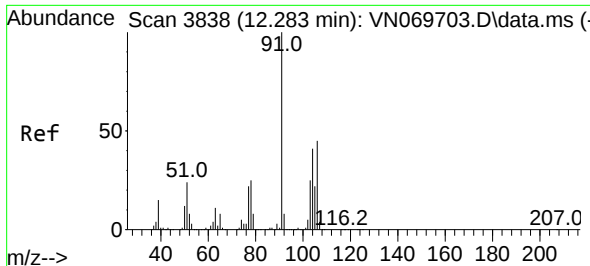
Tgt Ion:106 Resp: 2011527

Ion Ratio Lower Upper

106 100

91 213.1 160.6 240.8





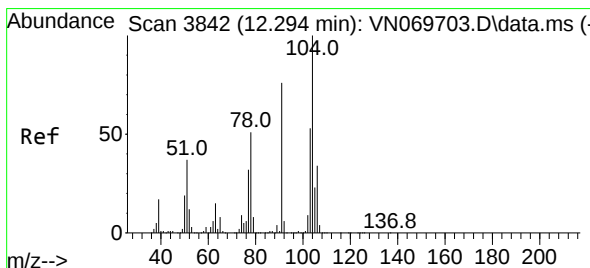
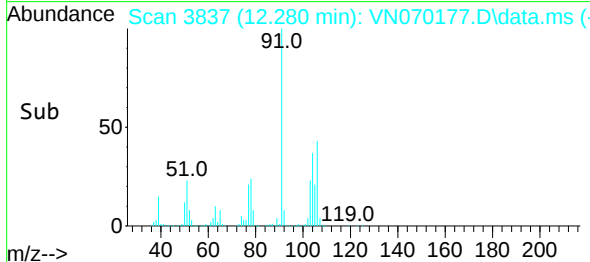
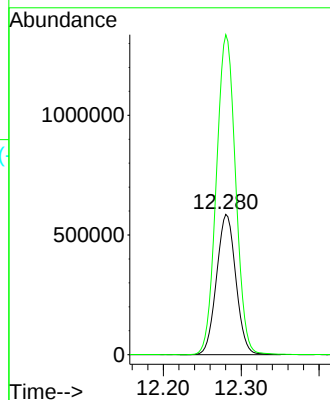
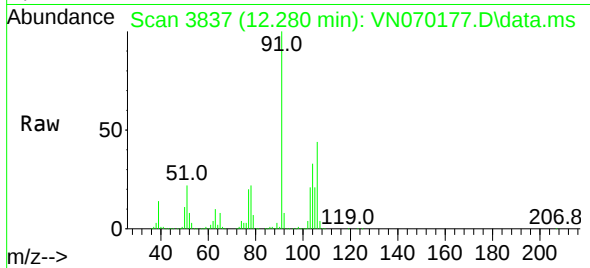
#69
o-Xylene
Concen: 54.147 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 100705
Ion Ratio Lower Upper
106 100
91 227.7 105.8 317.3

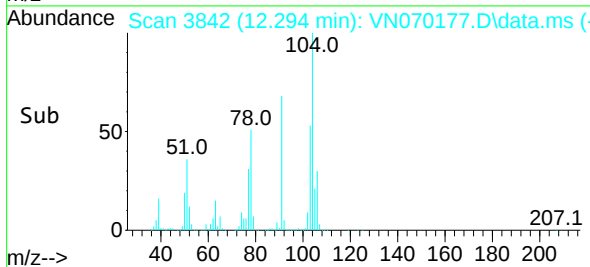
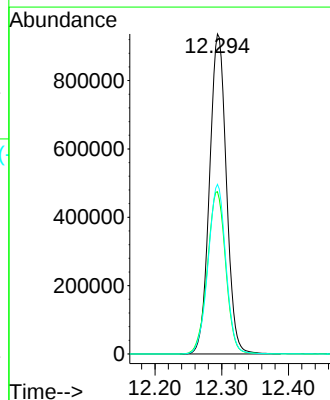
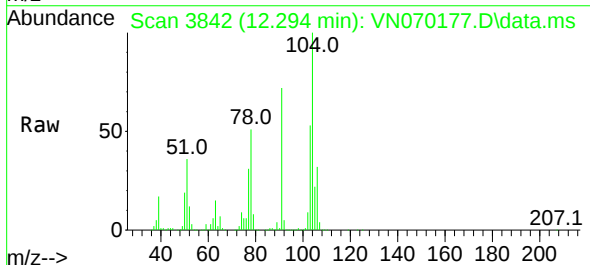
Manual Integrations
APPROVED

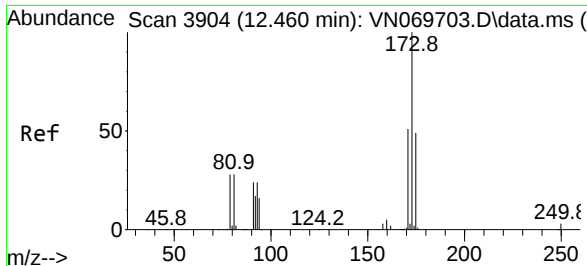
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 55.776 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

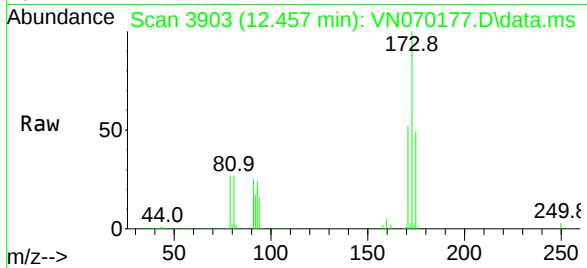
Tgt Ion:104 Resp: 1644936
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 48.662 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

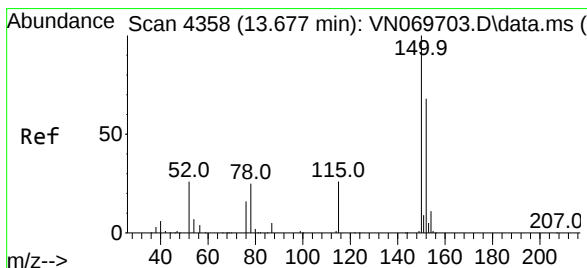
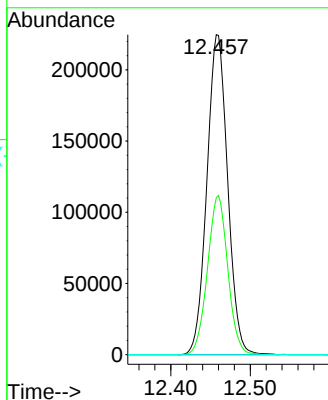
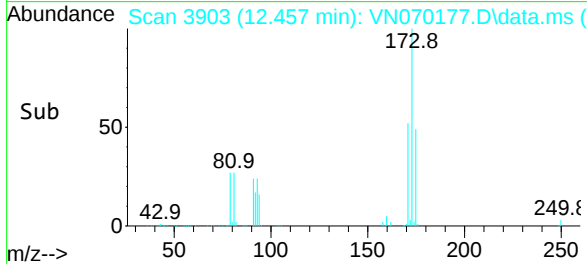
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



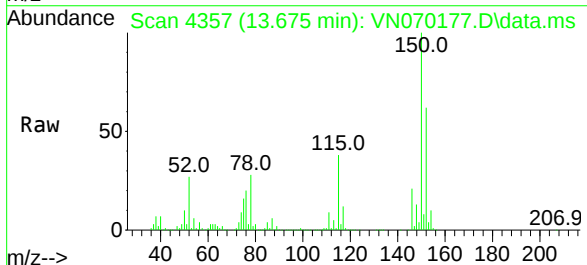
Tgt Ion:173 Resp: 408310
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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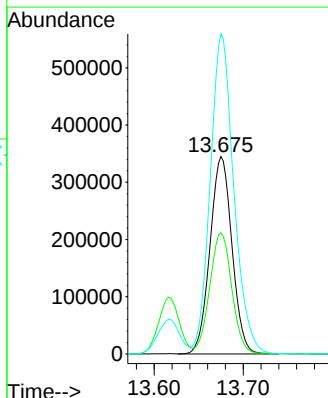
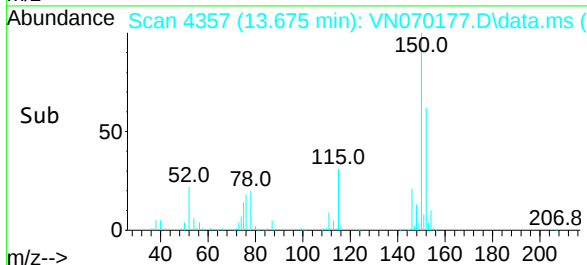
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

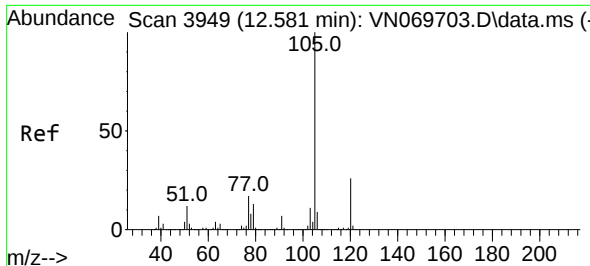


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



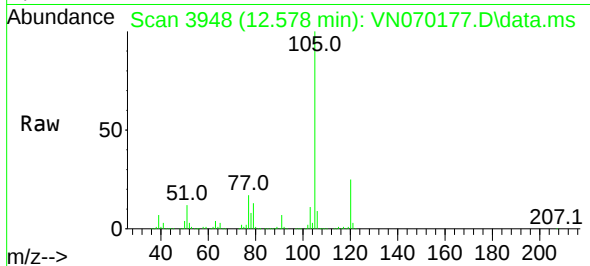
Tgt Ion:152 Resp: 592998
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 173.7 0.0 344.4





#73
Isopropylbenzene
Concen: 50.411 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

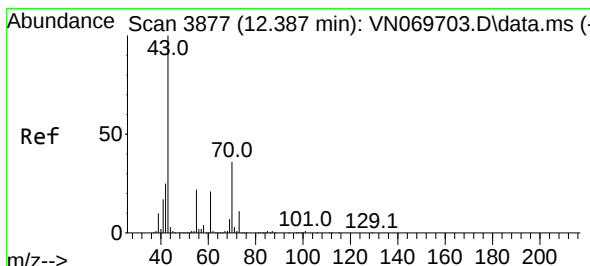
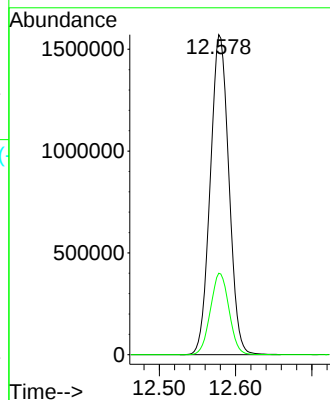
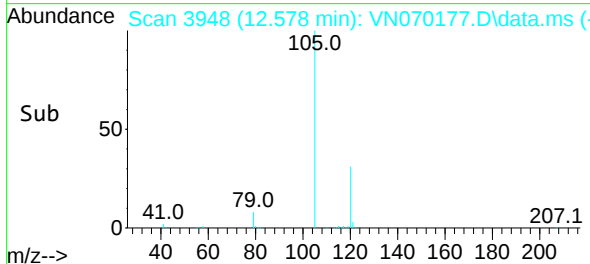
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 2659718
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

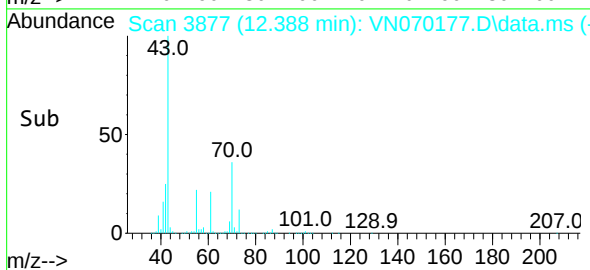
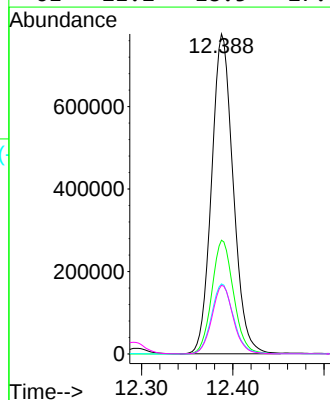
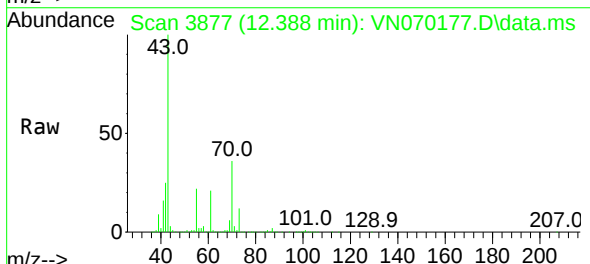
Manual Integrations
APPROVED

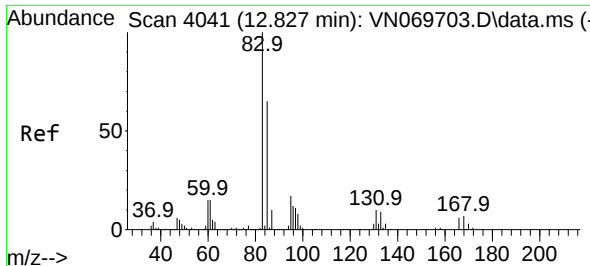
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-ethyl acetate
Concen: 54.676 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

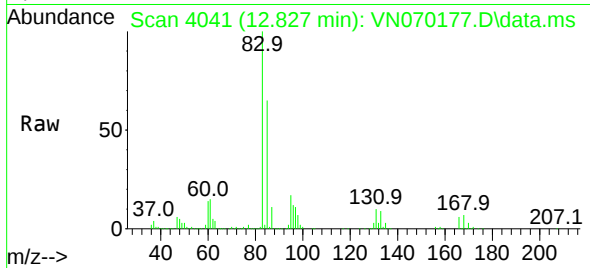
Tgt Ion: 43 Resp: 1275743
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 22.3 19.3 28.9
61 21.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.055 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

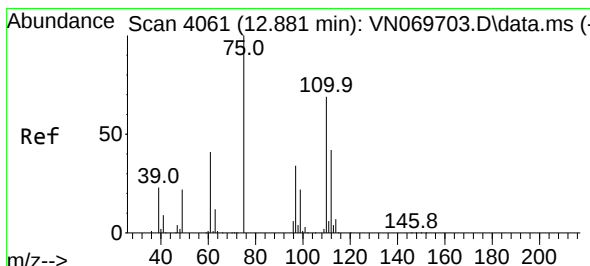
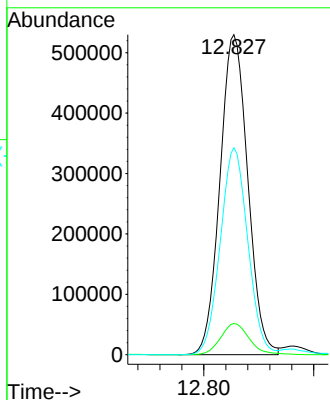
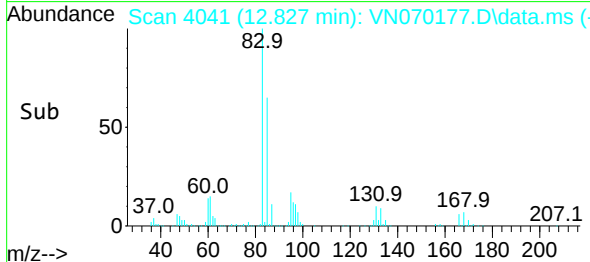
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 931483
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.8 32.4 97.2

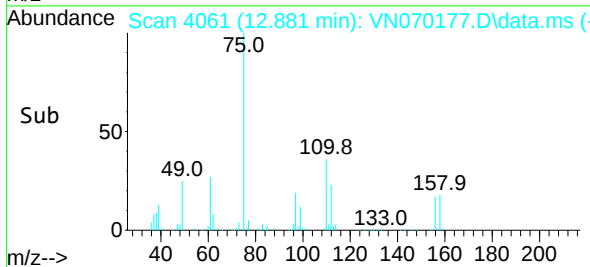
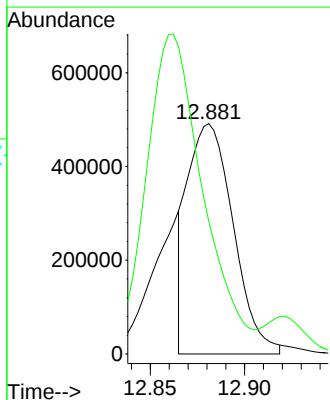
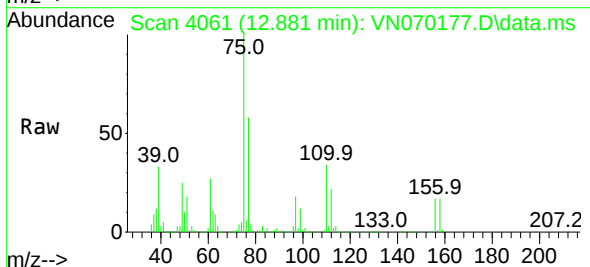
Manual Integrations
APPROVED

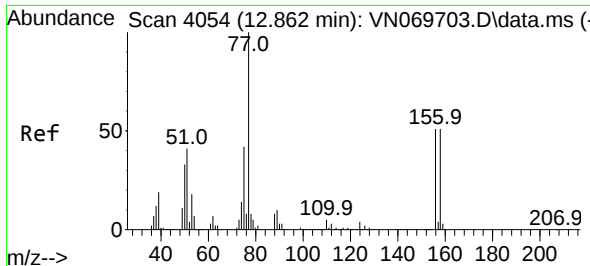
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#76
1,2,3-Trichloropropane
Concen: 48.735 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

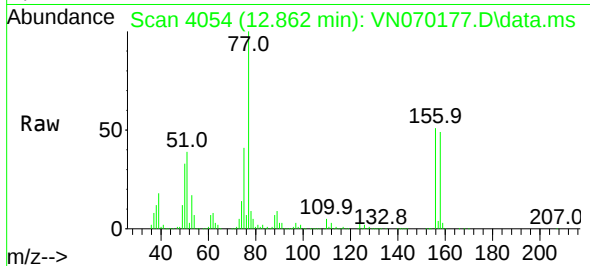
Tgt Ion: 75 Resp: 828783
Ion Ratio Lower Upper
75 100
77 172.5 82.6 247.8





#77
Bromobenzene
Concen: 49.471 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

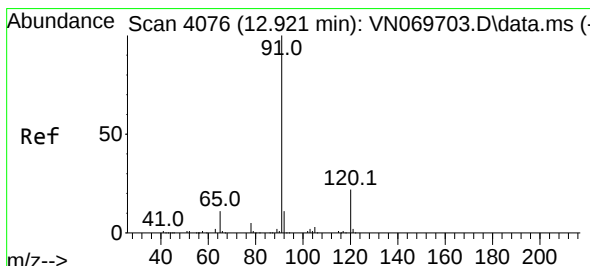
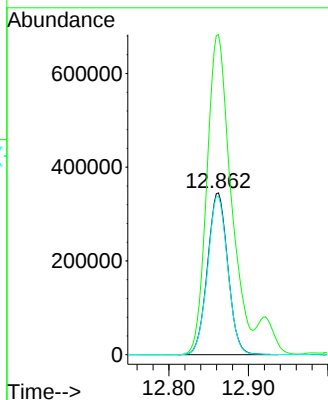
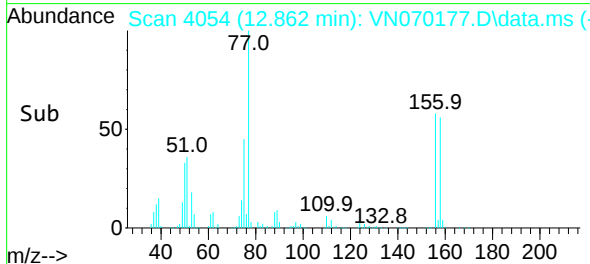
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



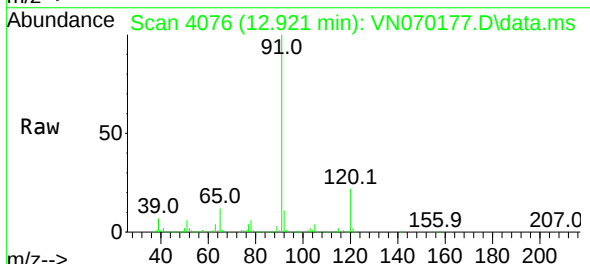
Tgt Ion:156 Resp: 61308
Ion Ratio Lower Upper
156 100
77 233.1 90.6 271.8
158 97.6 48.9 146.7

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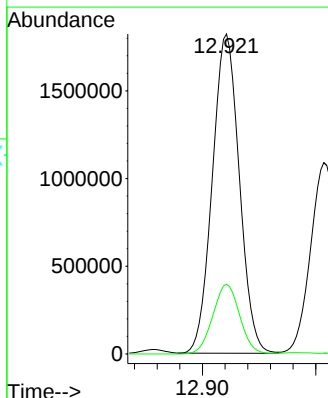
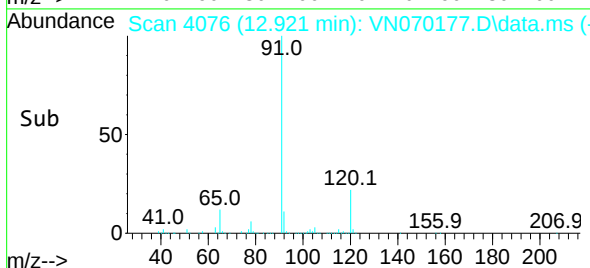
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

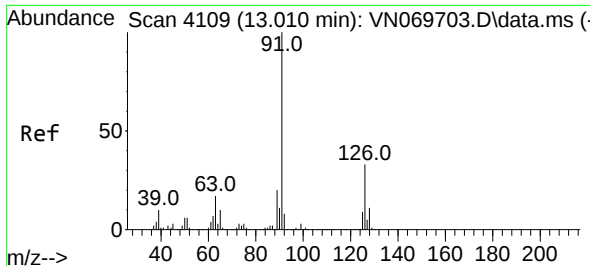


#78
n-propylbenzene
Concen: 51.201 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



Tgt Ion: 91 Resp: 3006029
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





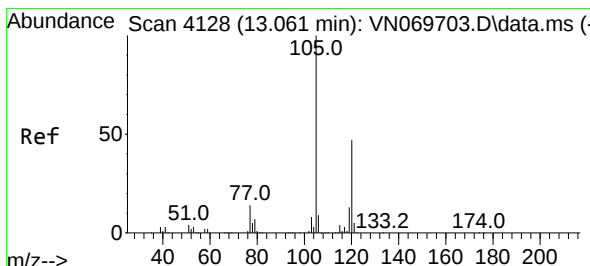
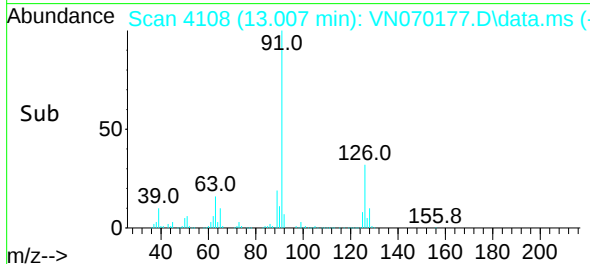
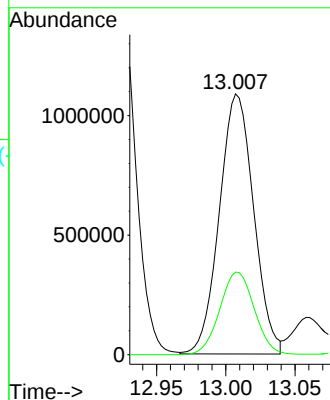
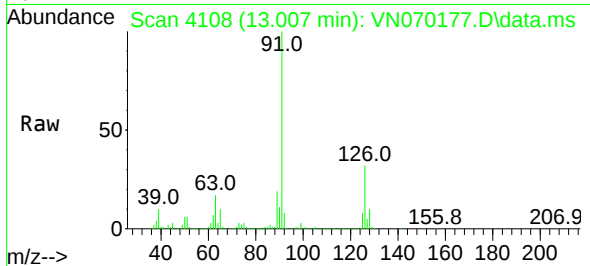
#79
2-Chlorotoluene
Concen: 50.524 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1874310
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

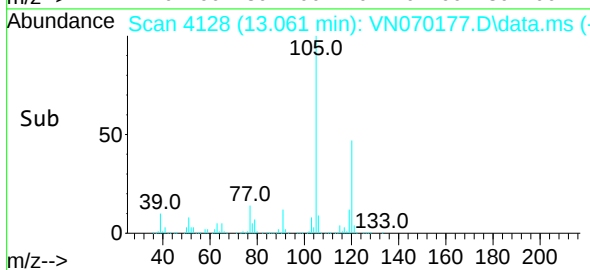
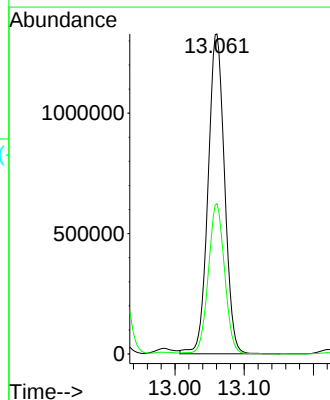
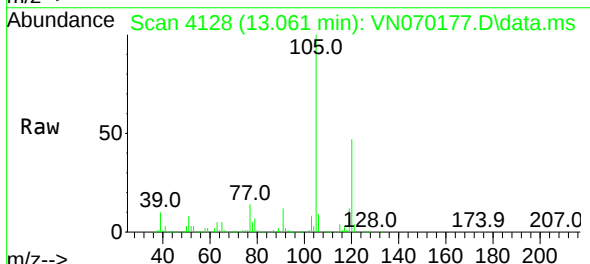
Manual Integrations
APPROVED

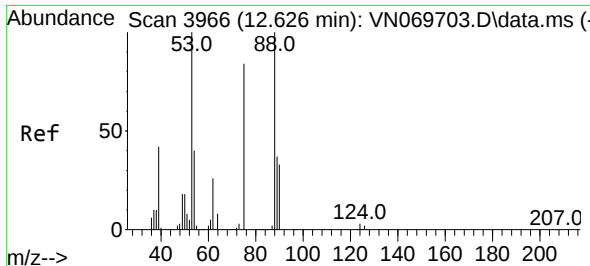
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 51.724 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

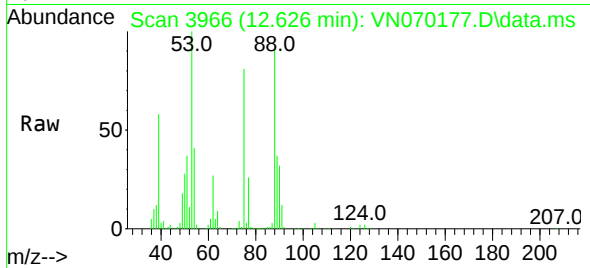
Tgt Ion:105 Resp: 2196512
Ion Ratio Lower Upper
105 100
120 46.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.829 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

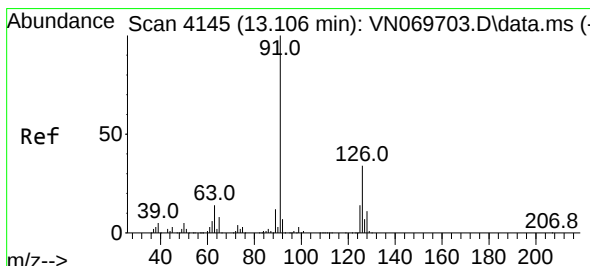
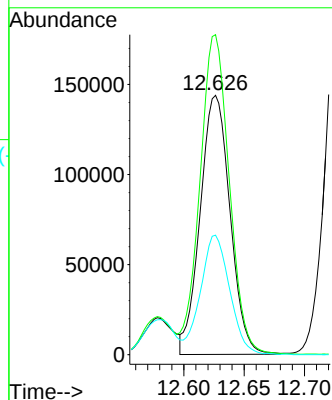
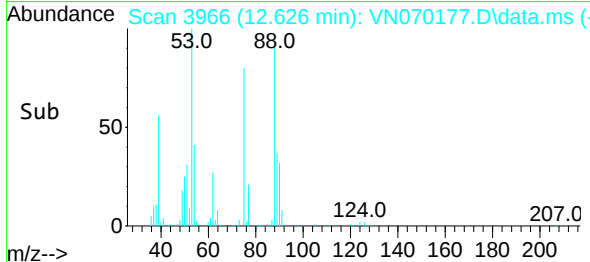
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24752
Ion Ratio Lower Upper
75 100
53 121.8 90.5 135.7
89 44.8 38.2 57.4

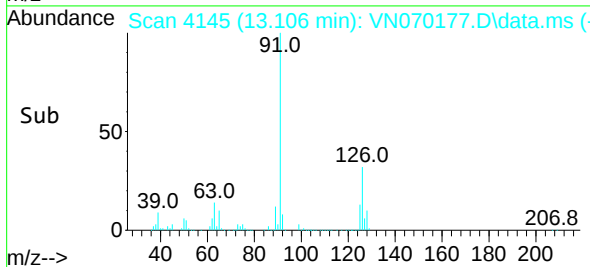
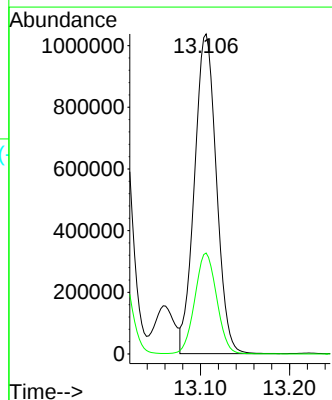
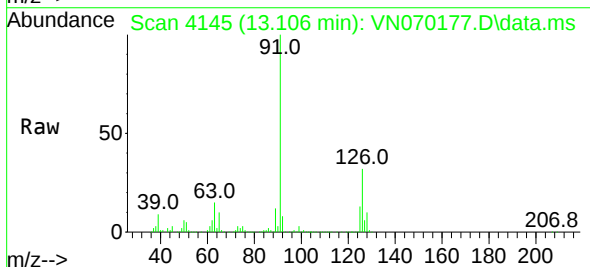
Manual Integrations
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Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 50.726 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

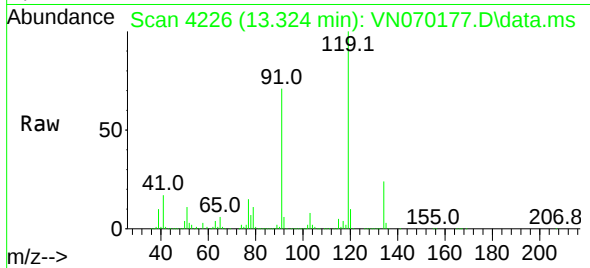
Tgt Ion: 91 Resp: 1769706
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
 tert-Butylbenzene
 Concen: 51.555 ug/l
 RT: 13.324 min Scan# 4226
 Delta R.T. 0.000 min
 Lab File: VN070177.D
 Acq: 17 Dec 2021 20:52

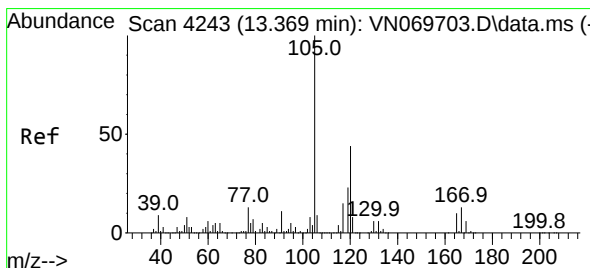
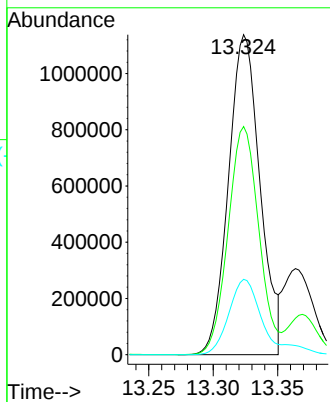
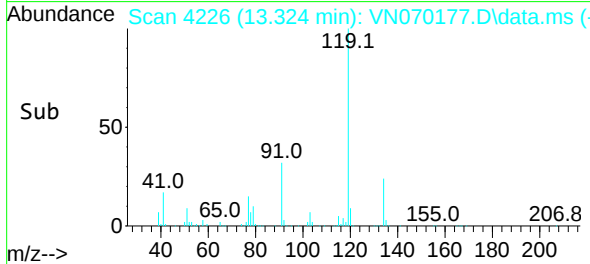
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



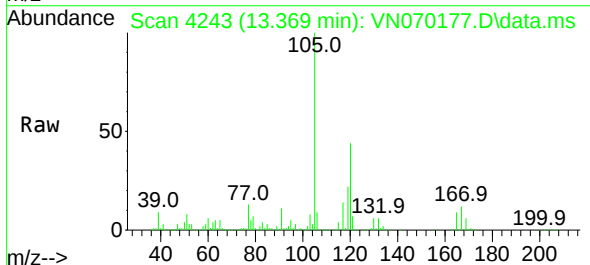
Tgt Ion:119 Resp: 193856
 Ion Ratio Lower Upper
 119 100
 91 70.0 31.5 94.5
 134 25.7 12.4 37.4

Manual Integrations
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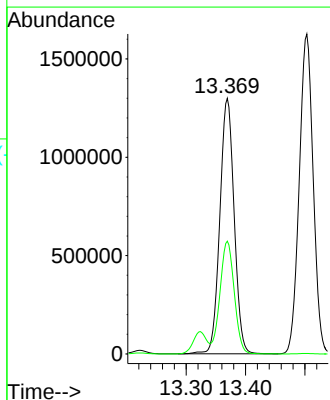
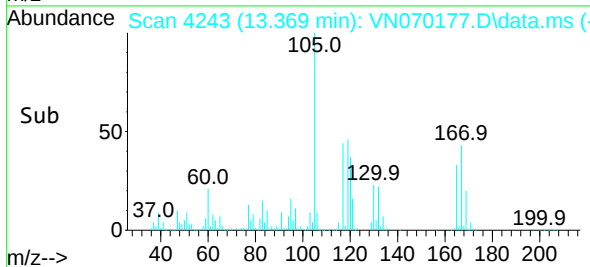
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021

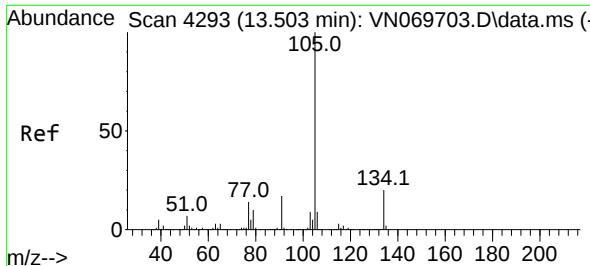


#84
 1,2,4-Trimethylbenzene
 Concen: 53.997 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN070177.D
 Acq: 17 Dec 2021 20:52



Tgt Ion:105 Resp: 2183761
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.8 68.4





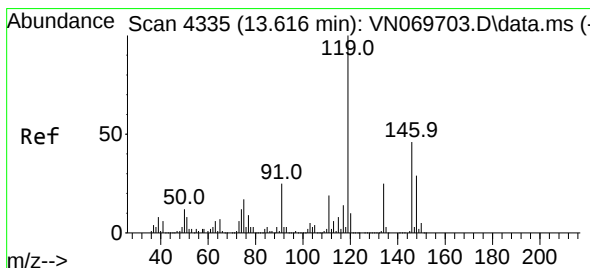
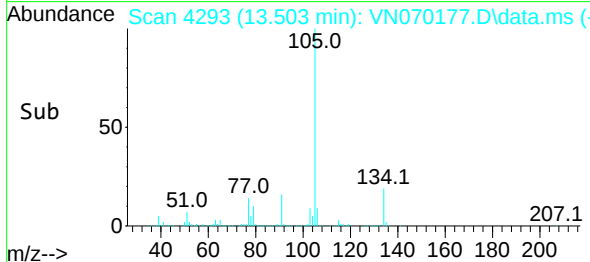
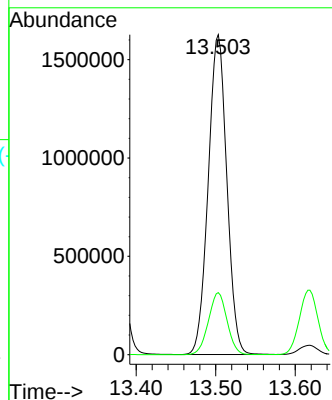
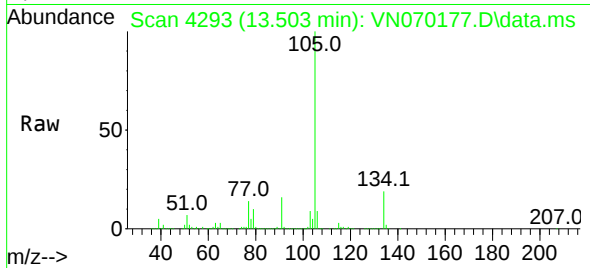
#85
 sec-Butylbenzene
 Concen: 51.813 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070177.D
 Acq: 17 Dec 2021 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 264266
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

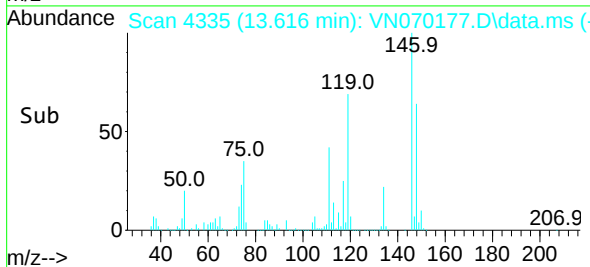
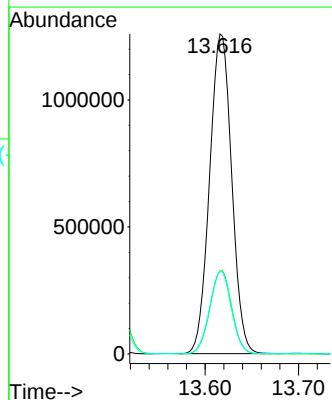
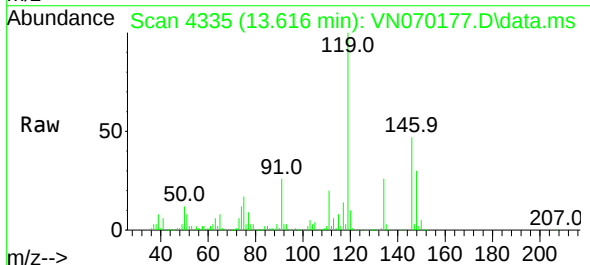
Manual Integrations
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Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 51.827 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070177.D
 Acq: 17 Dec 2021 20:52

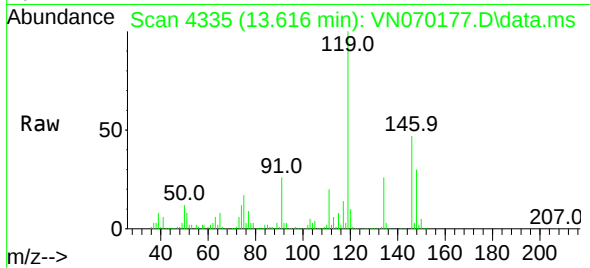
Tgt Ion:119 Resp: 2066229
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.855 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

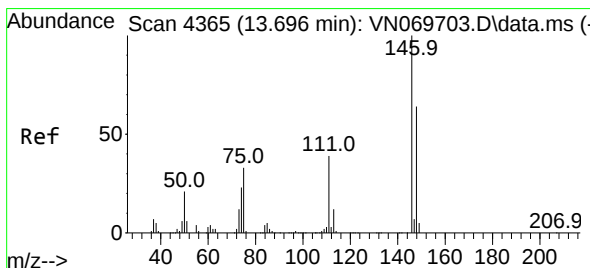
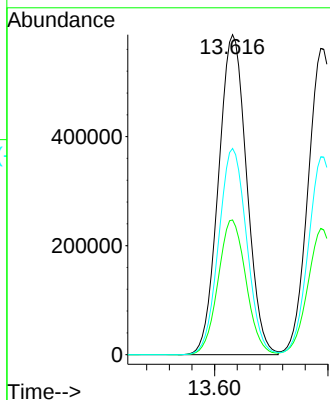
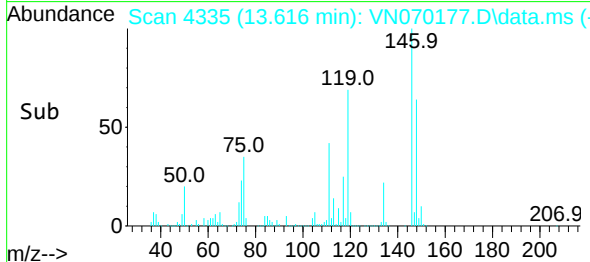
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



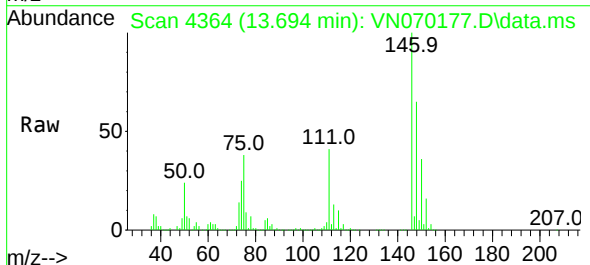
Tgt Ion:146 Resp: 101501
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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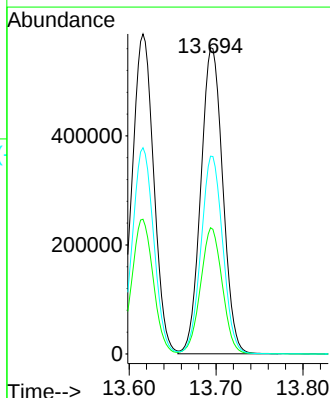
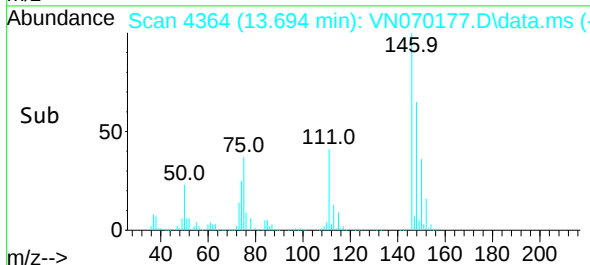
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

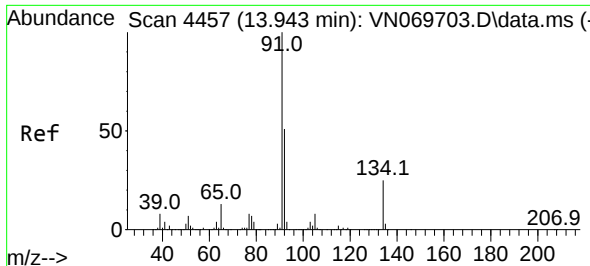


#88
1,4-Dichlorobenzene
Concen: 49.350 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52



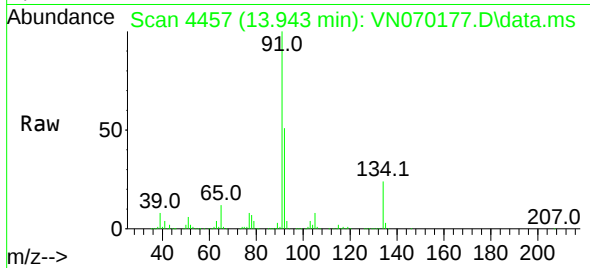
Tgt Ion:146 Resp: 987365
Ion Ratio Lower Upper
146 100
111 40.5 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 52.221 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

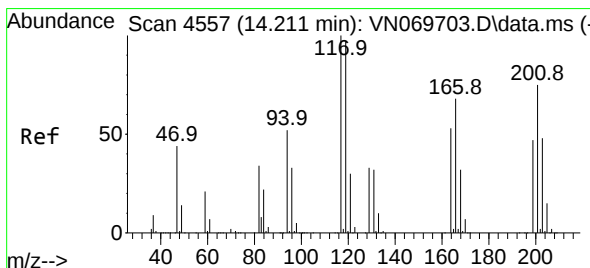
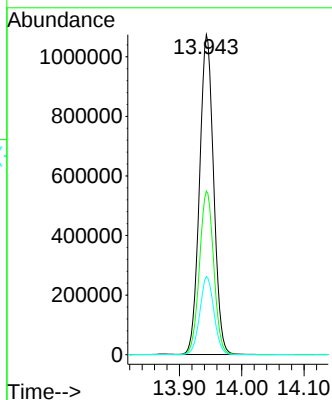
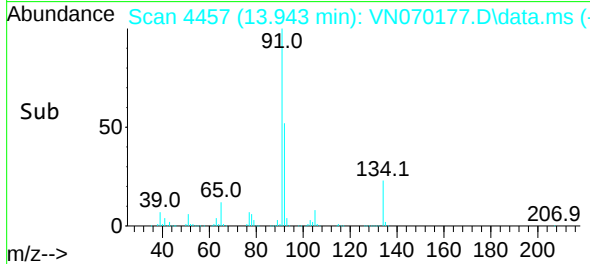
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1688830
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 24.4 13.6 40.8

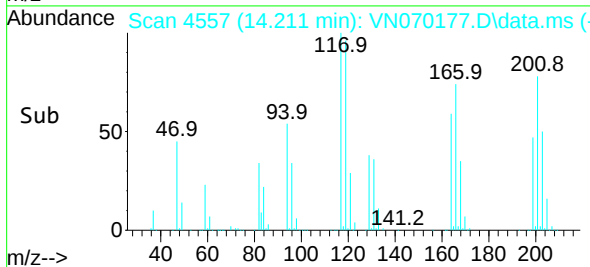
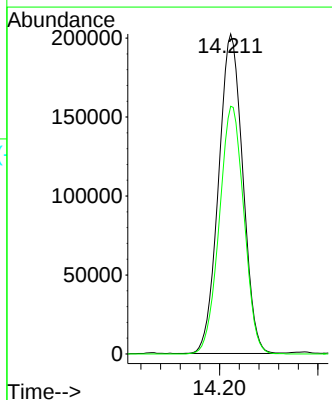
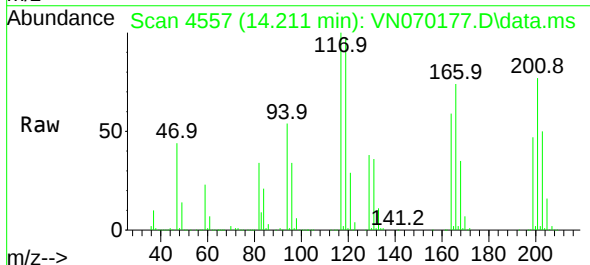
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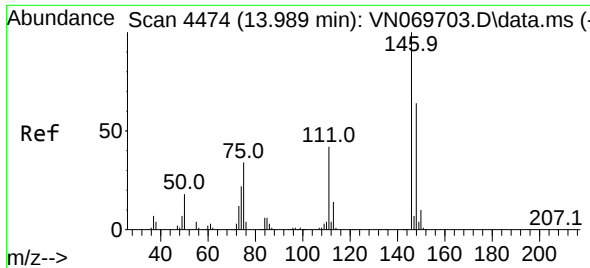
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 49.547 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

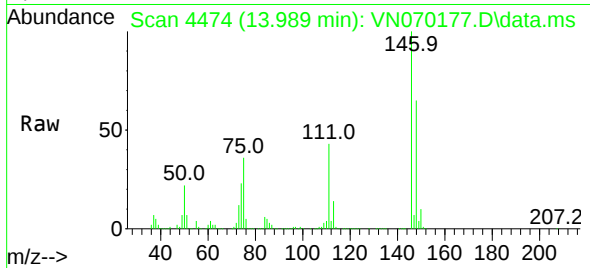
Tgt Ion:117 Resp: 346810
Ion Ratio Lower Upper
117 100
201 78.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 50.537 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

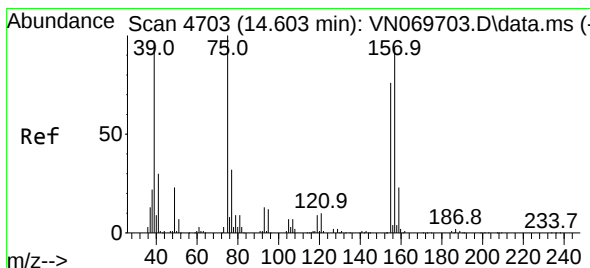
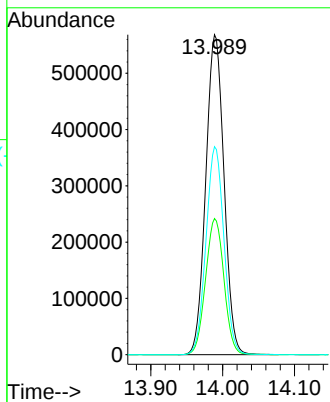
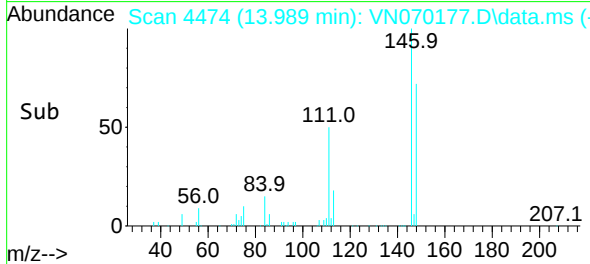
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1002500
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 64.2 32.1 96.3

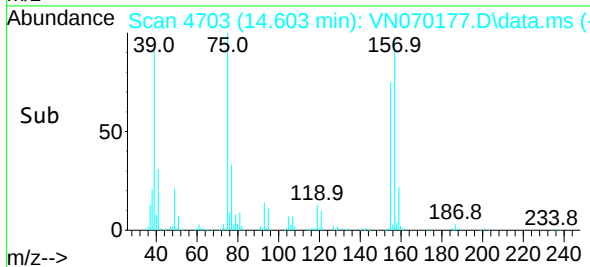
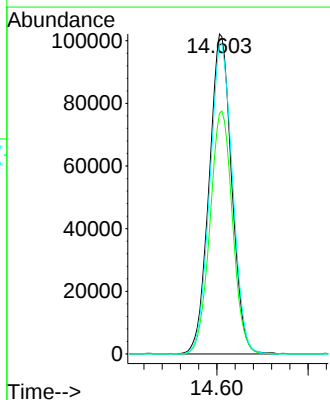
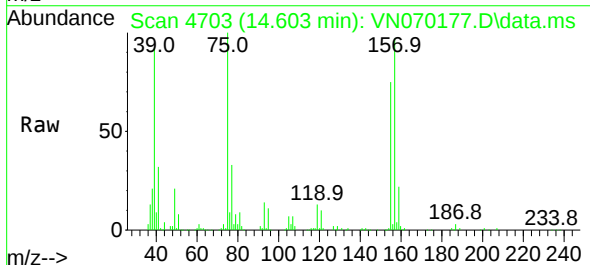
Manual Integrations
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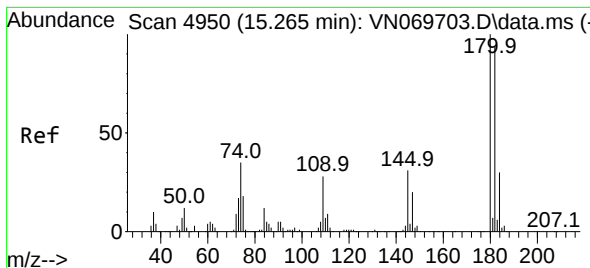
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.170 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

Tgt Ion: 75 Resp: 175292
Ion Ratio Lower Upper
75 100
155 75.8 46.9 140.7
157 97.9 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 50.523 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 49186

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.9

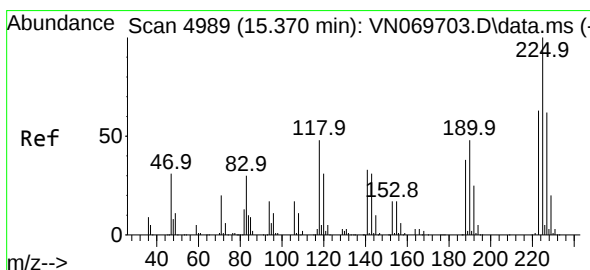
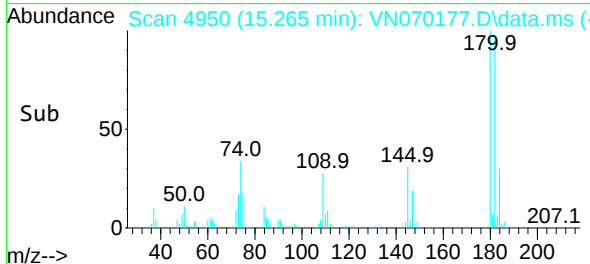
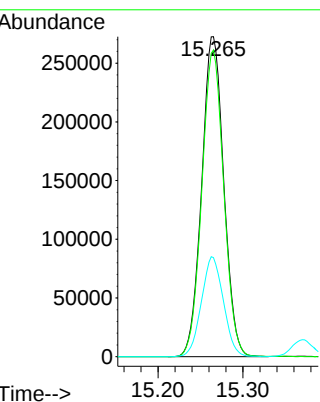
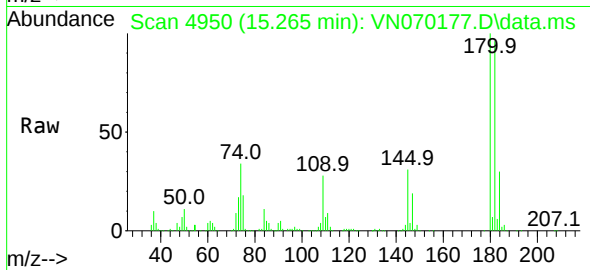
145 31.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#94

Hexachlorobutadiene

Concen: 52.619 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. 0.000 min

Lab File: VN070177.D

Acq: 17 Dec 2021 20:52

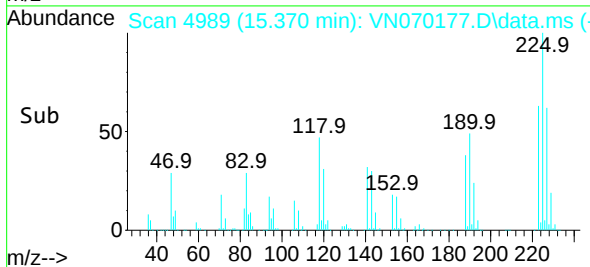
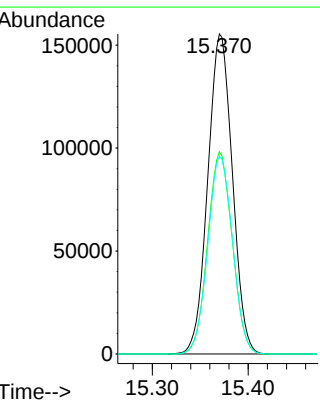
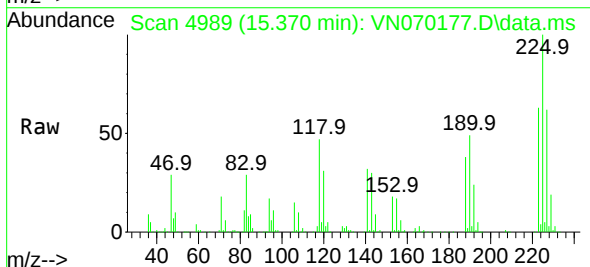
Tgt Ion:225 Resp: 276628

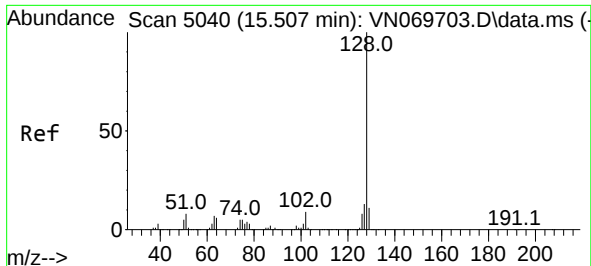
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.7

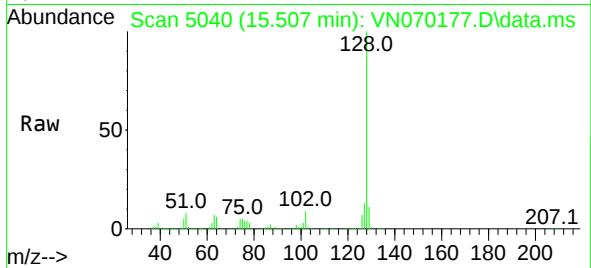
227 62.3 32.1 96.3





#95
Naphthalene
Concen: 57.068 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

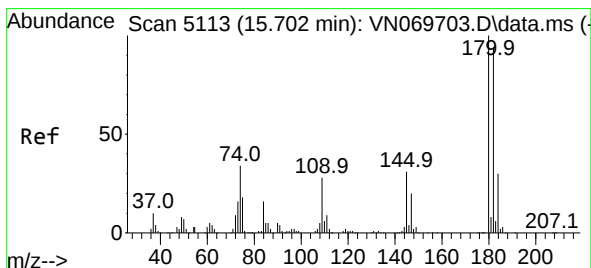
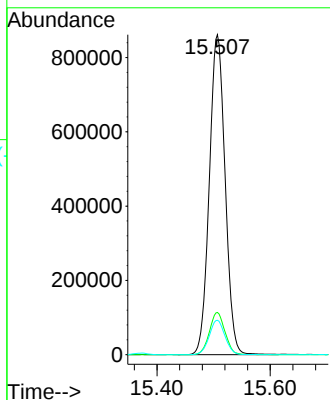
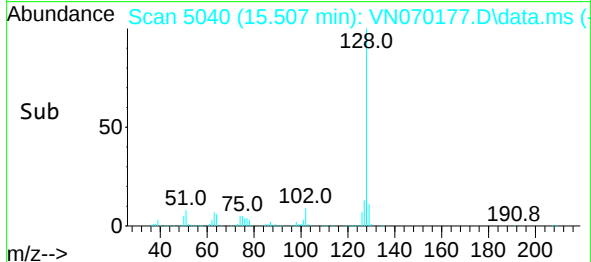
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1671558
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 52.020 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070177.D
Acq: 17 Dec 2021 20:52

Tgt Ion:180 Resp: 494235
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 32.6 15.0 45.1

