

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070386.D
 Acq On : 30 Dec 2021 8:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2021
 Supervised By : Amit Patel 12/30/2021

Quant Time: Dec 30 09:51:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	890876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1502676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1430273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	613977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	642180	50.135	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.260%			
35) Dibromofluoromethane	8.021	113	467908	51.464	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.920%			
50) Toluene-d8	10.443	98	1850842	49.832	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.660%			
62) 4-Bromofluorobenzene	12.731	95	688106	51.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	522993	51.766	ug/l	99
3) Chloromethane	2.303	50	698711	50.840	ug/l	99
4) Vinyl Chloride	2.448	62	640345	51.176	ug/l	98
5) Bromomethane	2.842	94	318808	49.364	ug/l	100
6) Chloroethane	3.014	64	375415	49.821	ug/l	97
7) Trichlorofluoromethane	3.374	101	748981	49.731	ug/l	99
8) Diethyl Ether	3.824	74	347691	52.370	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	468948	50.909	ug/l	97
10) Methyl Iodide	4.420	142	667527	53.547	ug/l	99
11) Tert butyl alcohol	5.382	59	627873	294.392	ug/l	98
12) 1,1-Dichloroethene	4.178	96	468918	51.682	ug/l	90
13) Acrolein	4.041	56	409700	236.751	ug/l	98
14) Allyl chloride	4.838	41	1093541	53.159	ug/l #	85
15) Acrylonitrile	5.557	53	1979494	297.426	ug/l	99
16) Acetone	4.288	43	1726051	207.580	ug/l	99
17) Carbon Disulfide	4.527	76	1363053	55.036	ug/l	99
18) Methyl Acetate	4.857	43	1349347	56.099	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1786732	53.027	ug/l	94
20) Methylene Chloride	5.093	84	589144	51.210	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	502620	52.320	ug/l	87
22) Diisopropyl ether	6.498	45	2202394	54.968	ug/l #	91
23) Vinyl Acetate	6.434	43	8700388	279.873	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1096270	52.768	ug/l	98
25) 2-Butanone	7.337	43	2819776	269.327	ug/l	91
26) 2,2-Dichloropropane	7.327	77	563287	34.369	ug/l	100
27) cis-1,2-Dichloroethene	7.324	96	607840	53.027	ug/l	90
28) Bromochloromethane	7.657	49	512414	50.433	ug/l #	76
29) Tetrahydrofuran	7.686	42	1885260	301.806	ug/l	87
30) Chloroform	7.818	83	1050454	52.411	ug/l	99
31) Cyclohexane	8.096	56	1041368	51.519	ug/l	86
32) 1,1,1-Trichloroethane	8.016	97	888223	52.560	ug/l	95
36) 1,1-Dichloropropene	8.223	75	775834	51.583	ug/l	96
37) Ethyl Acetate	7.415	43	1079512	55.372	ug/l	96
38) Carbon Tetrachloride	8.206	117	758989	52.847	ug/l	98
39) Methylcyclohexane	9.459	83	921447	50.604	ug/l	89
40) Benzene	8.461	78	2407899	52.220	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	583247	59.812	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	885617	51.098	ug/l	98
43) Isopropyl Acetate	8.563	43	1719651	55.947	ug/l #	93
44) Trichloroethene	9.218	130	550510	50.246	ug/l	92
45) 1,2-Dichloropropane	9.491	63	663326	53.429	ug/l	99
46) Dibromomethane	9.577	93	410096	53.121	ug/l	95
47) Bromodichloromethane	9.762	83	867020	56.561	ug/l	99
48) Methyl methacrylate	9.561	41	803529	54.806	ug/l #	82
49) 1,4-Dioxane	9.572	88	255576	1190.853	ug/l #	83
51) 4-Methyl-2-Pentanone	10.331	43	5706361	295.451	ug/l	96
52) Toluene	10.505	92	1473640	52.799	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	861254	51.899	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	943166	52.540	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	586922	53.148	ug/l	97
56) Ethyl methacrylate	10.762	69	1025910	56.224	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	1047619	53.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1228084	262.493	ug/l	90
59) 2-Hexanone	11.084	43	4144944	294.286	ug/l	94
60) Dibromochloromethane	11.237	129	625047	58.011	ug/l	99
61) 1,2-Dibromoethane	11.347	107	599244	53.443	ug/l	100
64) Tetrachloroethene	10.977	164	489594	47.271	ug/l	97
65) Chlorobenzene	11.771	112	1530633	50.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	571715	52.771	ug/l	99
67) Ethyl Benzene	11.846	91	2888247	51.944	ug/l	96
68) m/p-Xylenes	11.953	106	2120842	104.785	ug/l	93
69) o-Xylene	12.280	106	1060491	52.677	ug/l	93
70) Styrene	12.294	104	1750750	54.946	ug/l	96
71) Bromoform	12.457	173	500824	62.288	ug/l #	100
73) Isopropylbenzene	12.578	105	2763440	48.467	ug/l	99
74) N-amyl acetate	12.388	43	1287511	53.705	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	970272	52.124	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	750690m	41.775	ug/l	
77) Bromobenzene	12.860	156	643329	49.146	ug/l	78
78) n-propylbenzene	12.921	91	3167271	50.136	ug/l	95
79) 2-Chlorotoluene	13.007	91	1936709	47.780	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2251339	49.274	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	267056	53.142	ug/l	94
82) 4-Chlorotoluene	13.104	91	1853611	48.819	ug/l	92
83) tert-Butylbenzene	13.324	119	1949279	48.451	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2219545	50.448	ug/l	97
85) sec-Butylbenzene	13.501	105	2718397	49.768	ug/l	97
86) p-Isopropyltoluene	13.616	119	2146191	50.019	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1061722	48.451	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1017892	47.090	ug/l	97
89) n-Butylbenzene	13.943	91	1745481	48.771	ug/l	97
90) Hexachloroethane	14.211	117	442601	59.377	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	1031116	47.998	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	182784	55.340	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	502364	49.631	ug/l	97
94) Hexachlorobutadiene	15.370	225	277470	47.167	ug/l	98
95) Naphthalene	15.507	128	1509943	53.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	498938	51.507	ug/l	99

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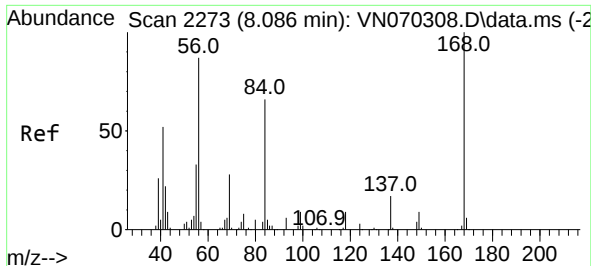
Manual Integrations
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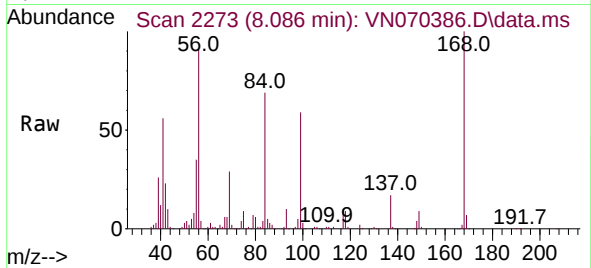
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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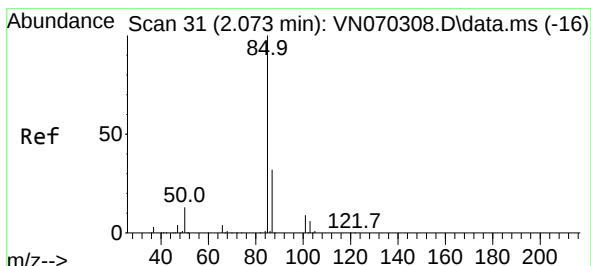
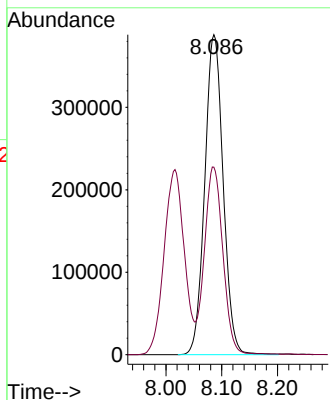
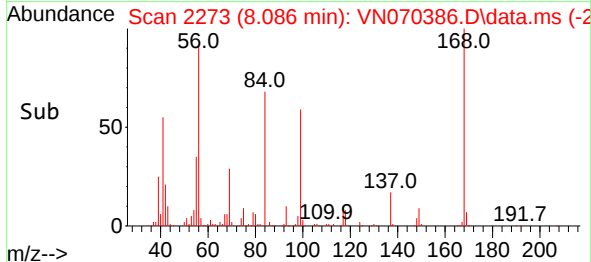
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ClientSampleId :
VSTDCCC050EC



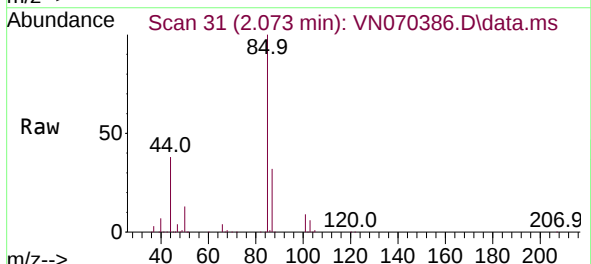
Tgt Ion:168 Resp: 890870
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9

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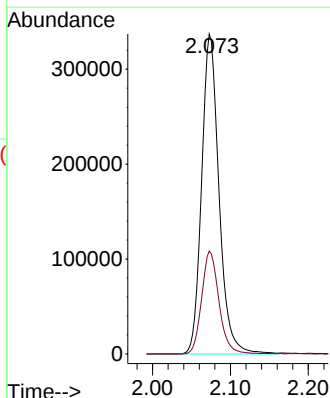
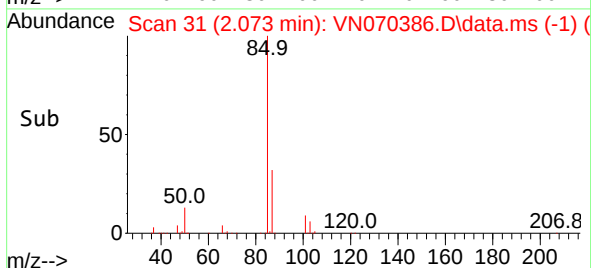
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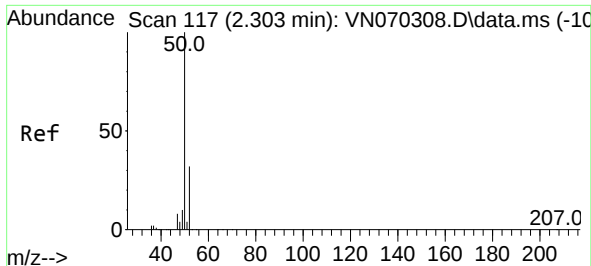


#2
Dichlorodifluoromethane
Concen: 51.766 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



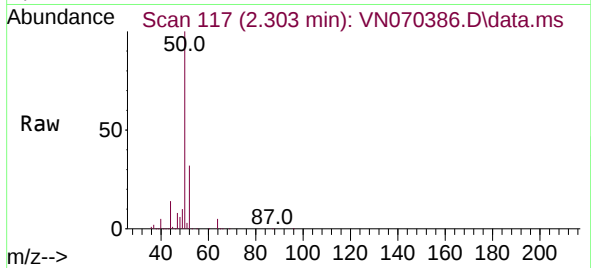
Tgt Ion: 85 Resp: 522993
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 50.840 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

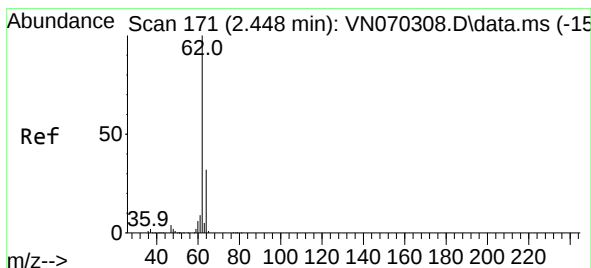
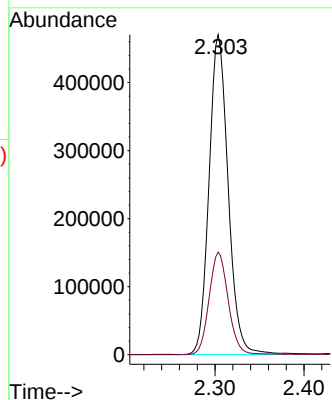
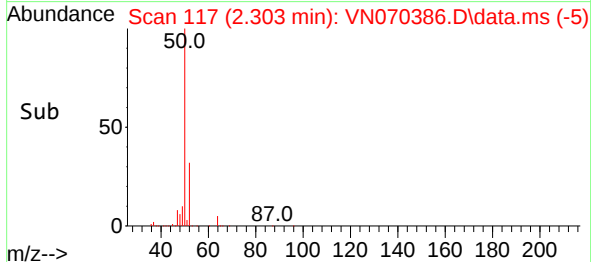
Instrument :
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Tgt Ion: 50 Resp: 69871
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

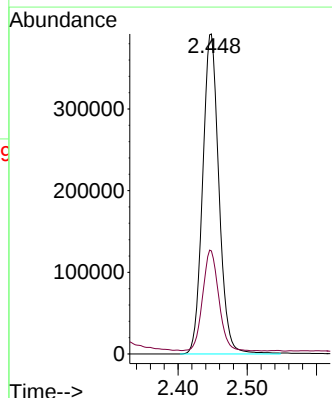
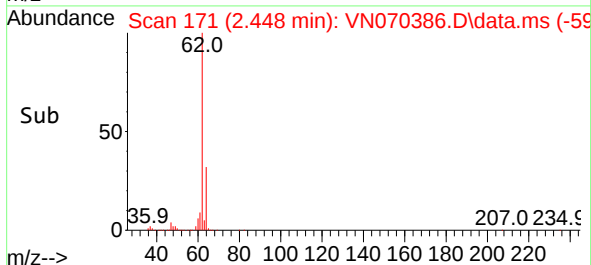
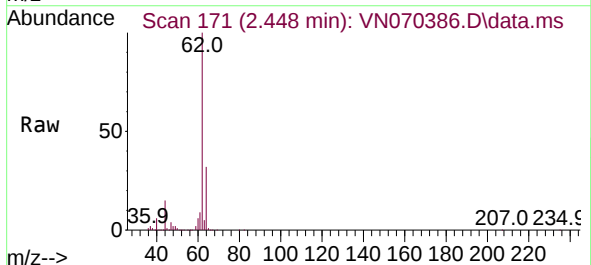
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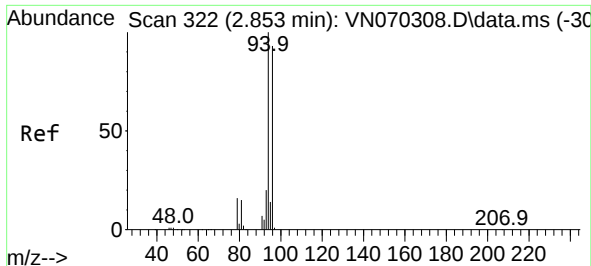
Reviewed By :John Carlone 12/30/2021
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#4
Vinyl Chloride
Concen: 51.176 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

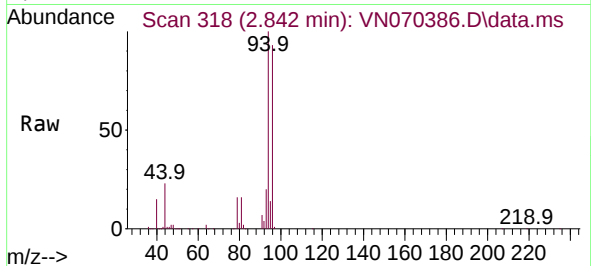
Tgt Ion: 62 Resp: 640345
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 49.364 ug/l
RT: 2.842 min Scan# 31
Delta R.T. -0.011 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

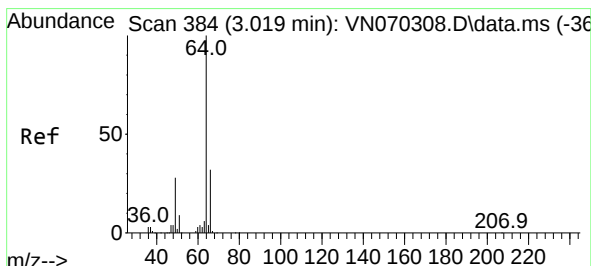
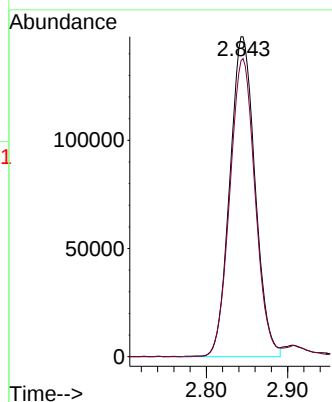
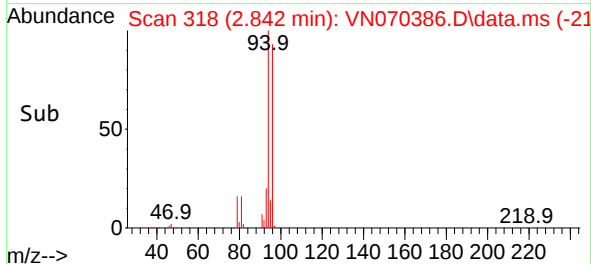
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Tgt Ion: 94 Resp: 31880
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.8

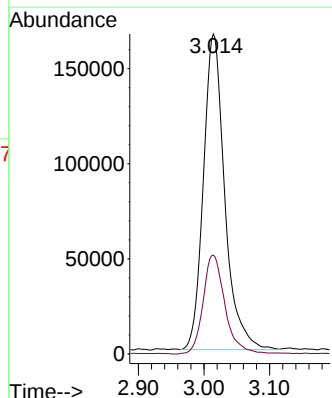
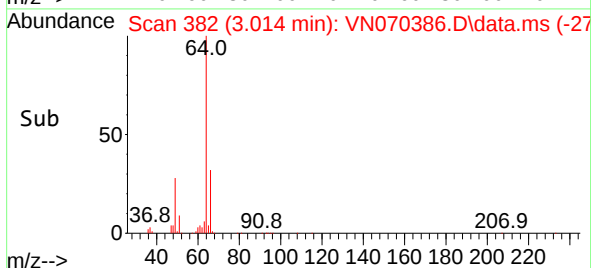
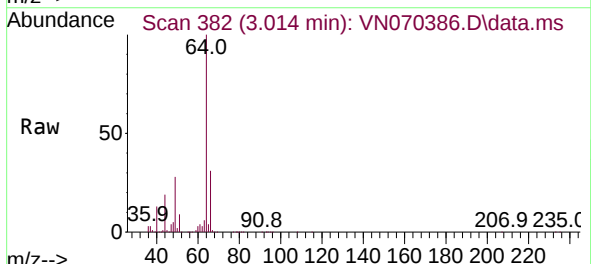
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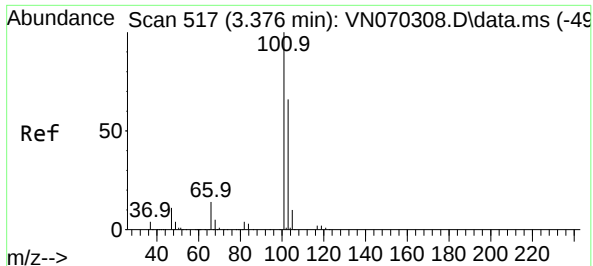
Reviewed By :John Carlone 12/30/2021
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#6
Chloroethane
Concen: 49.821 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.005 min
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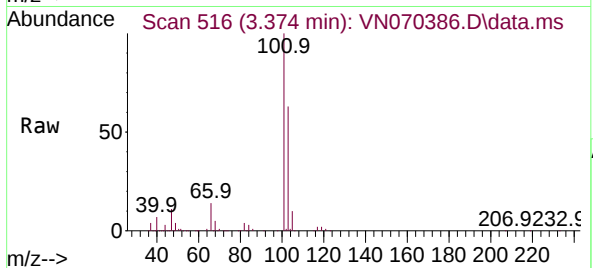
Tgt Ion: 64 Resp: 375415
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 49.731 ug/l
 RT: 3.374 min Scan# 517
 Delta R.T. -0.002 min
 Lab File: VN070386.D
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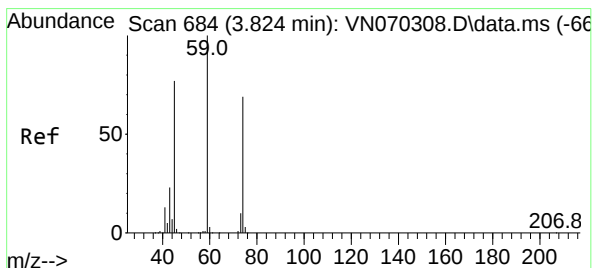
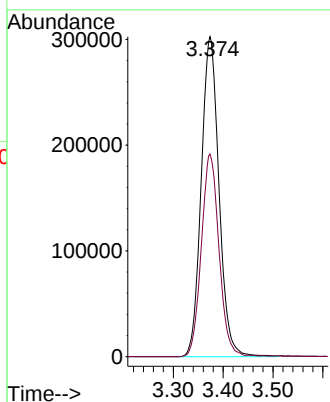
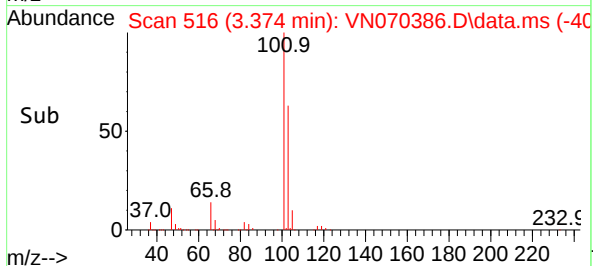
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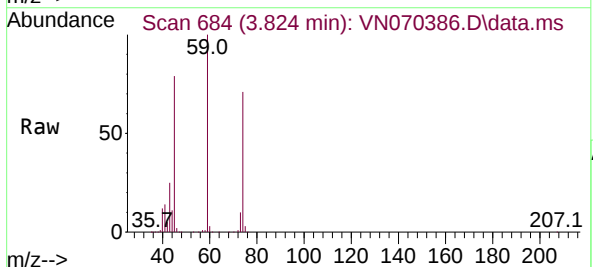
Tgt Ion:101 Resp: 74898
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.1 75.1

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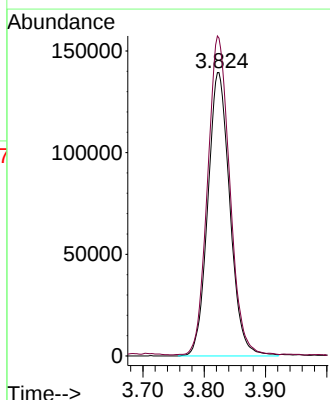
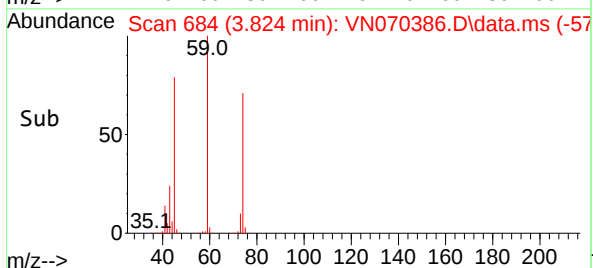
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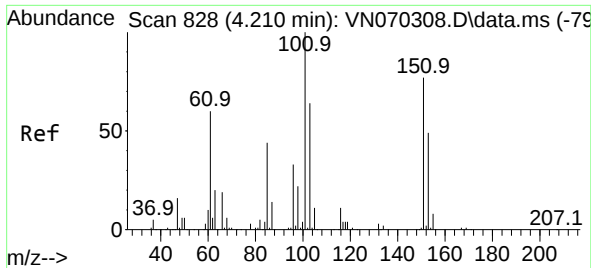


#8
 Diethyl Ether
 Concen: 52.370 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 347691
 Ion Ratio Lower Upper
 74 100
 45 113.3 47.0 141.2





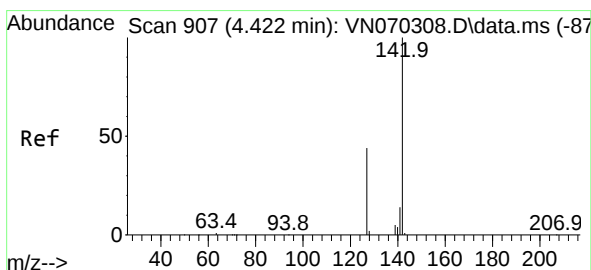
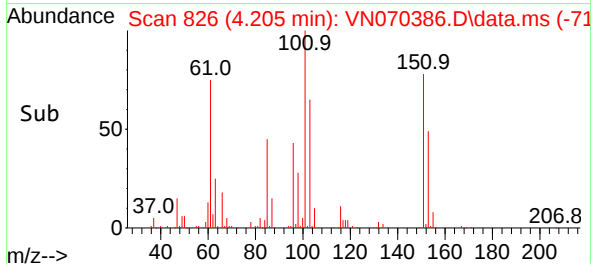
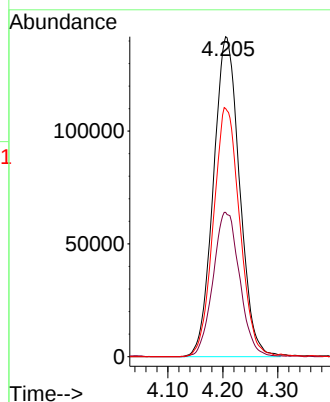
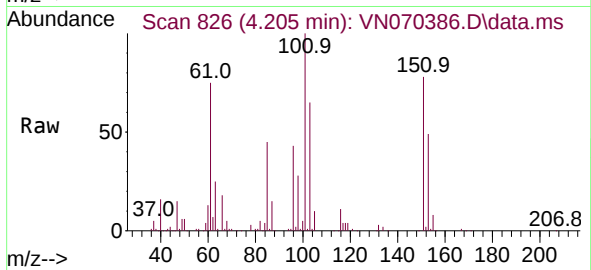
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.909 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 46894
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 78.3 65.9 98.9

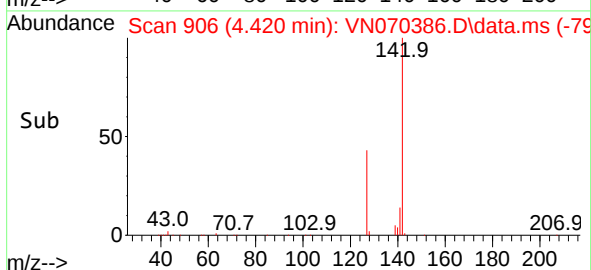
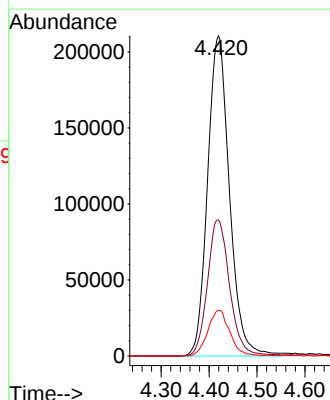
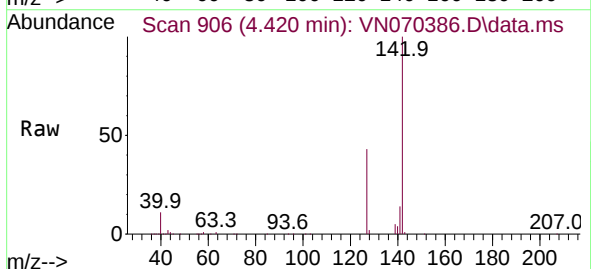
Manual Integrations
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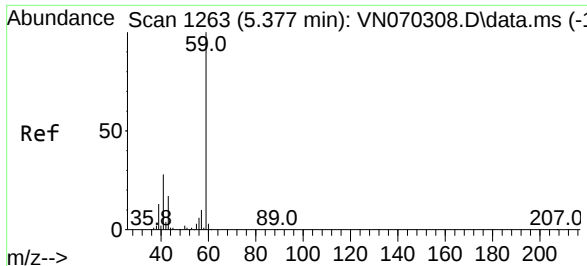
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#10
Methyl Iodide
Concen: 53.547 ug/l
RT: 4.420 min Scan# 906
Delta R.T. -0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

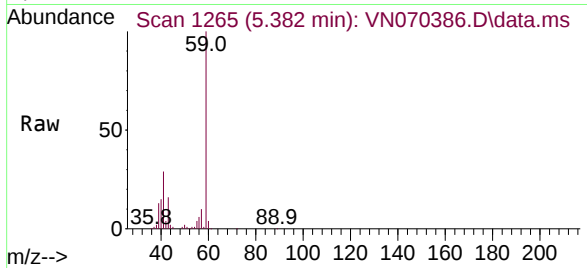
Tgt Ion:142 Resp: 667527
Ion Ratio Lower Upper
142 100
127 43.1 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 294.392 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

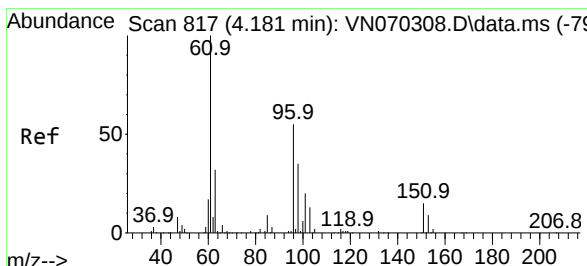
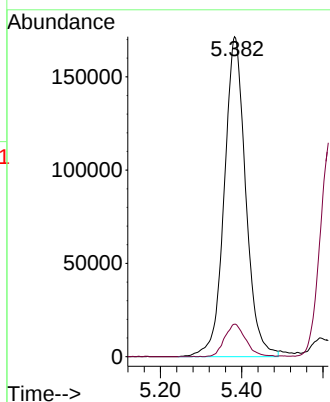
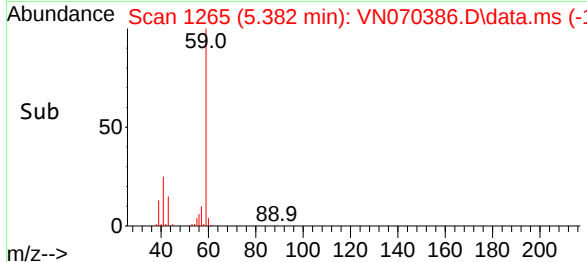
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



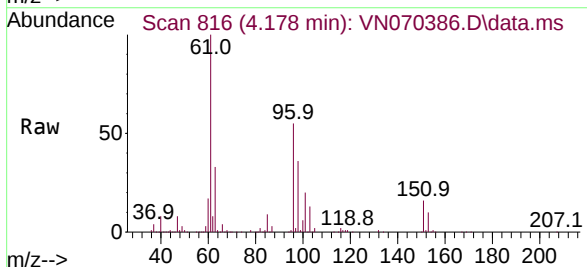
Tgt Ion: 59 Resp: 62787
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

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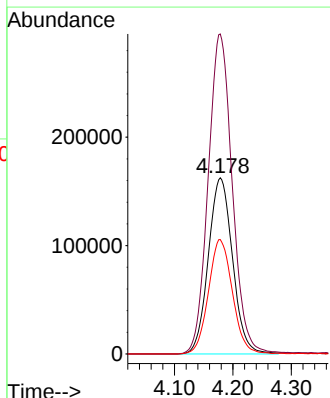
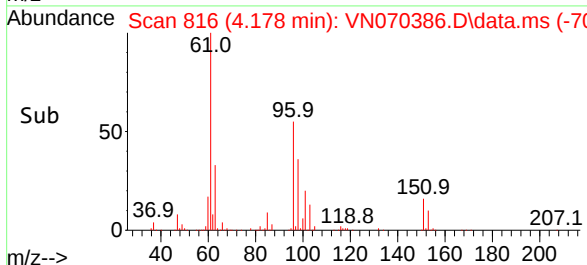
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

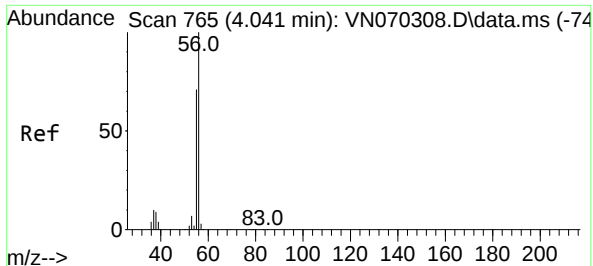


#12
1,1-Dichloroethene
Concen: 51.682 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



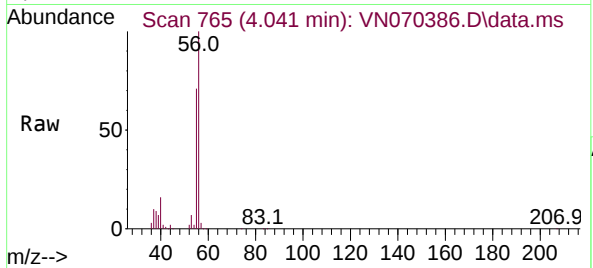
Tgt Ion: 96 Resp: 468918
Ion Ratio Lower Upper
96 100
61 181.7 131.0 196.6
98 65.0 52.4 78.6





#13
Acrolein
Concen: 236.751 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

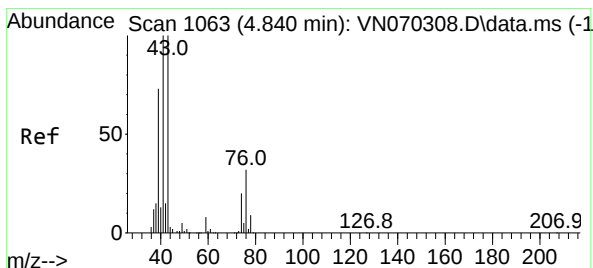
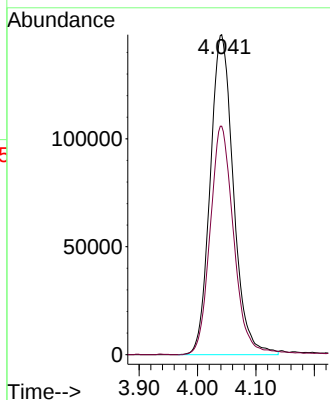
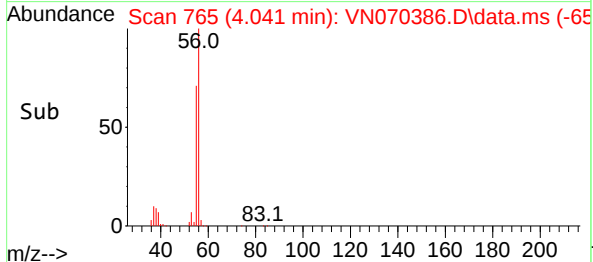
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



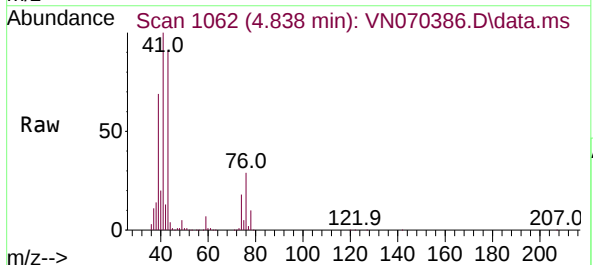
Tgt Ion: 56 Resp: 409700
Ion Ratio Lower Upper
56 100
55 72.5 56.6 85.0

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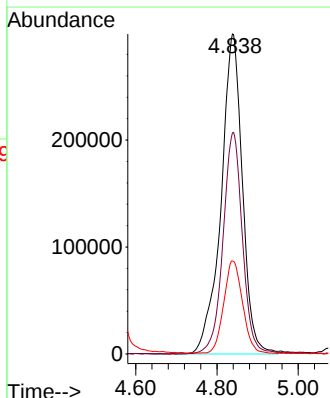
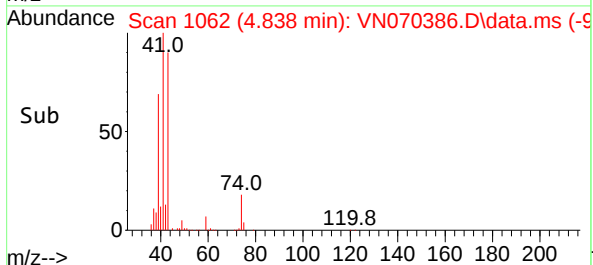
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

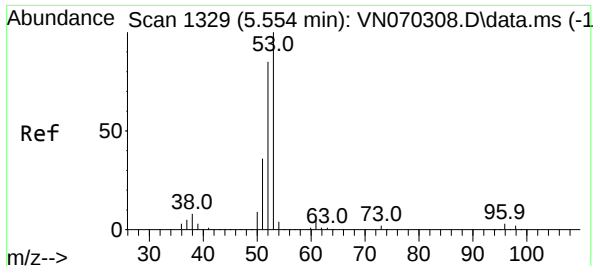


#14
Allyl chloride
Concen: 53.159 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



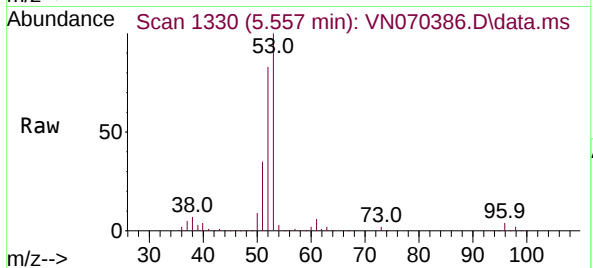
Tgt Ion: 41 Resp: 1093541
Ion Ratio Lower Upper
41 100
39 62.5 61.2 91.8
76 25.4 26.0 39.0#





#15
Acrylonitrile
Concen: 297.426 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

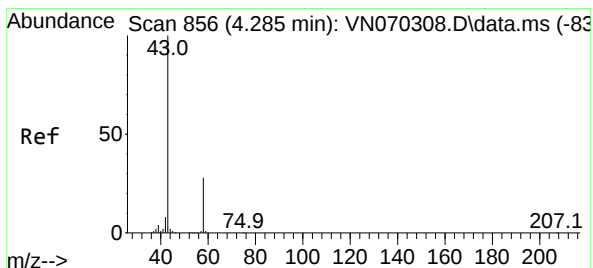
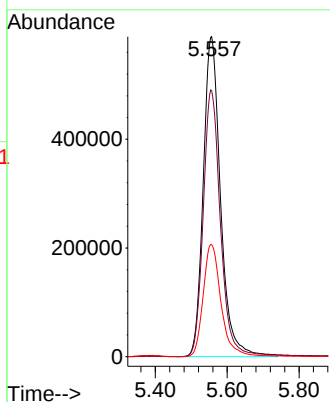
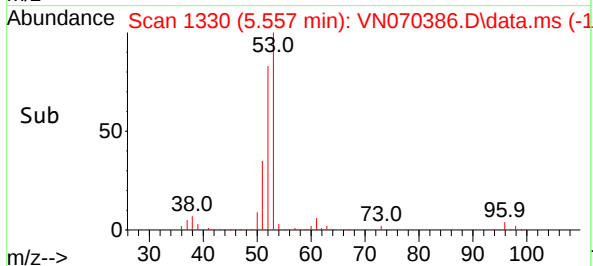
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1979494
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 36.0 29.6 44.4

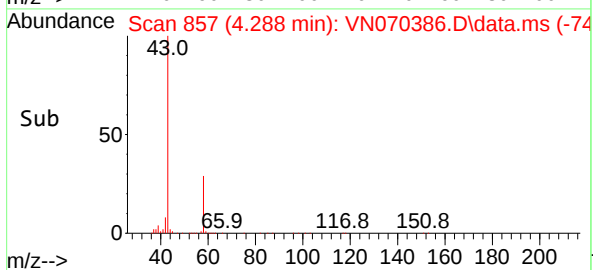
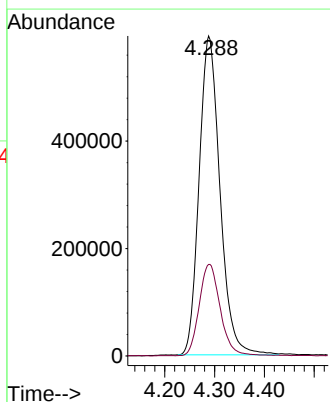
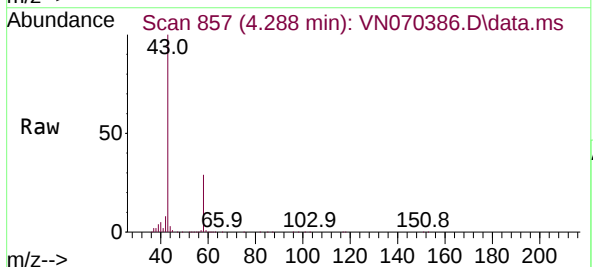
Manual Integrations
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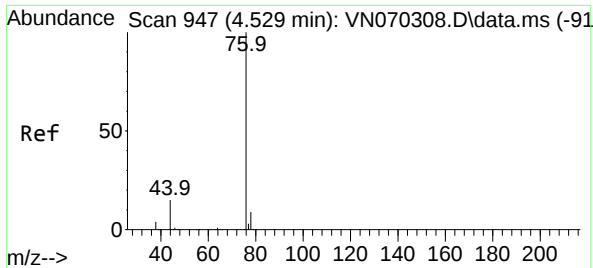
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#16
Acetone
Concen: 207.580 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

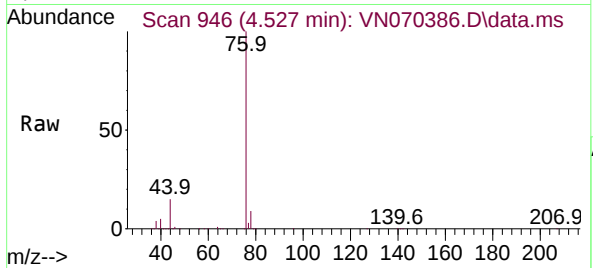
Tgt Ion: 43 Resp: 1726051
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7





#17
Carbon Disulfide
Concen: 55.036 ug/l
RT: 4.527 min Scan# 947
Delta R.T. -0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

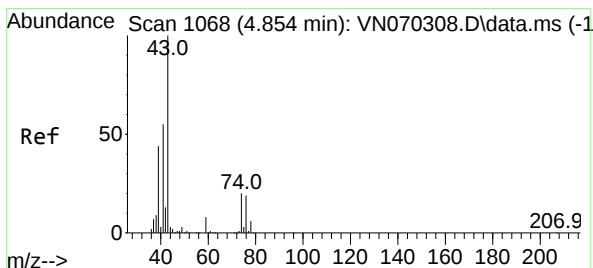
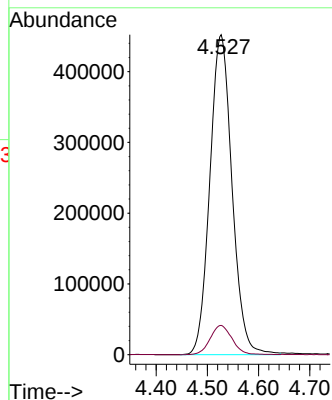
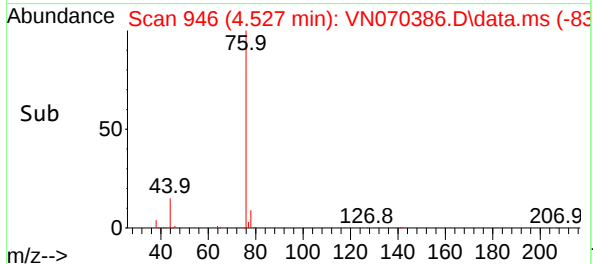
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



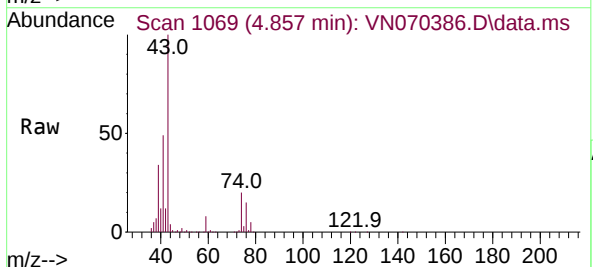
Tgt Ion: 76 Resp: 136305
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

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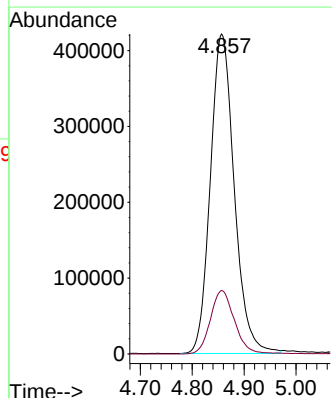
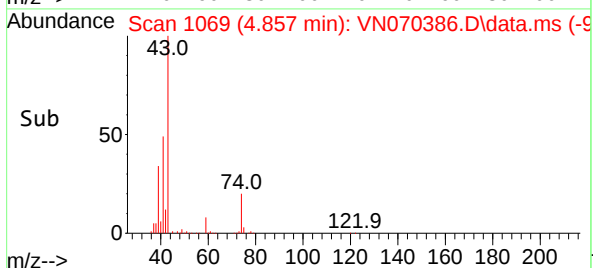
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

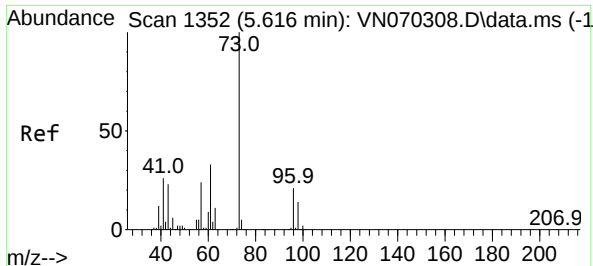


#18
Methyl Acetate
Concen: 56.099 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



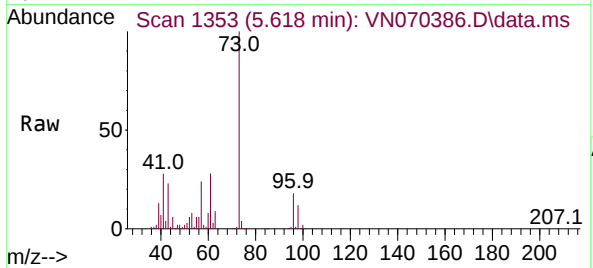
Tgt Ion: 43 Resp: 1349347
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.027 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

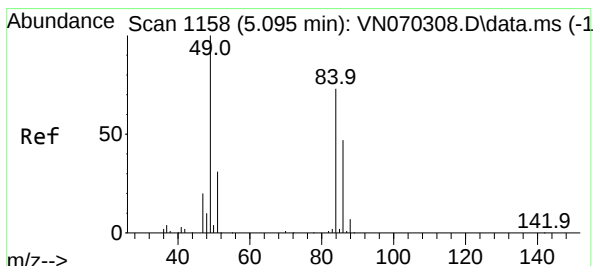
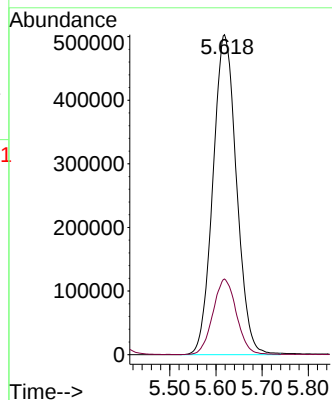
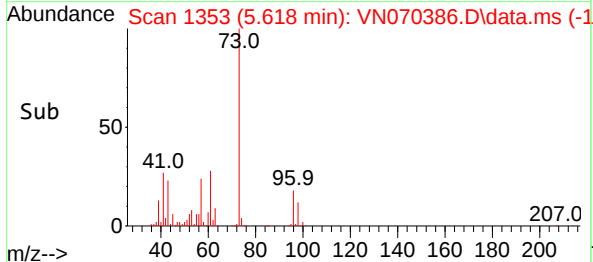
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 178673
Ion Ratio Lower Upper
73 100
57 23.6 16.8 25.2

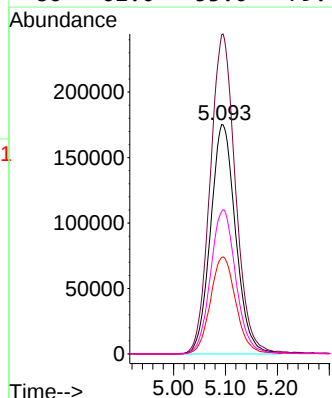
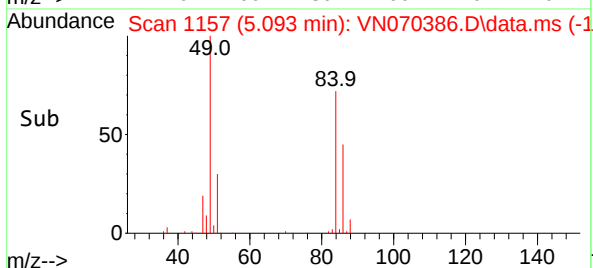
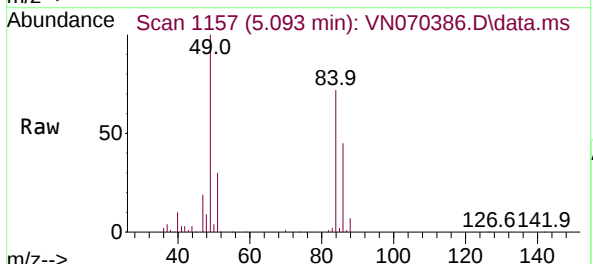
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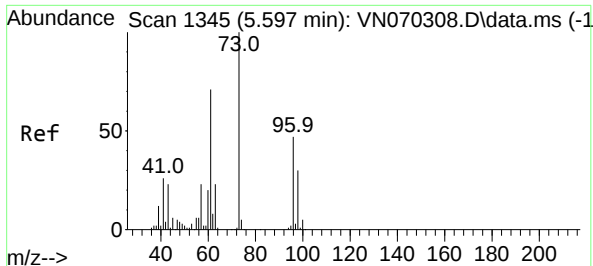
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#20
Methylene Chloride
Concen: 51.210 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Tgt Ion: 84 Resp: 589144
Ion Ratio Lower Upper
84 100
49 138.9 93.5 140.3
51 42.0 29.4 44.2
86 62.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 52.320 ug/l

RT: 5.597 min Scan# 1345

Delta R.T. -0.000 min

Lab File: VN070386.D

Acq: 30 Dec 2021 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 502620

Ion Ratio Lower Upper

96 100

61 154.9 105.8 158.6

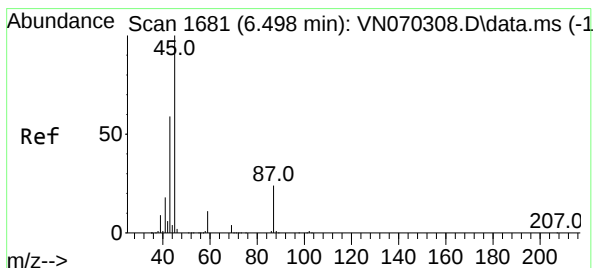
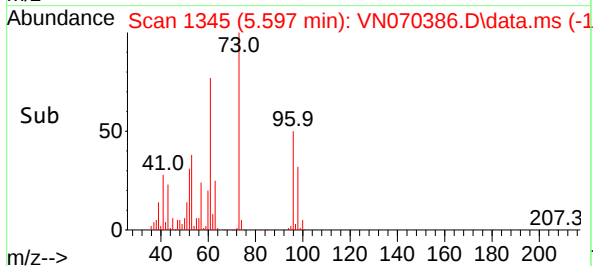
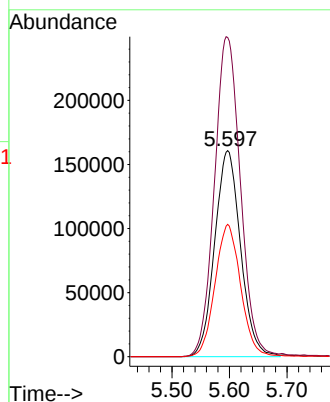
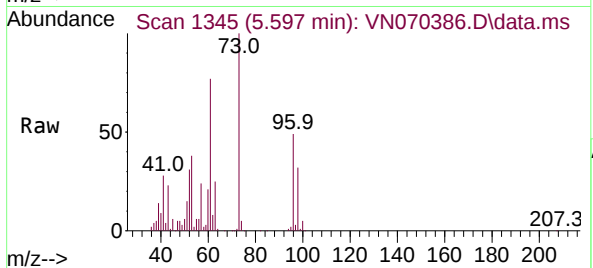
98 64.2 52.0 78.0

Manual Integrations

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Reviewed By :John Carlone 12/30/2021

Supervised By :Amit Patel 12/30/2021



#22

Diisopropyl ether

Concen: 54.968 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN070386.D

Acq: 30 Dec 2021 8:51

Tgt Ion: 45 Resp: 2202394

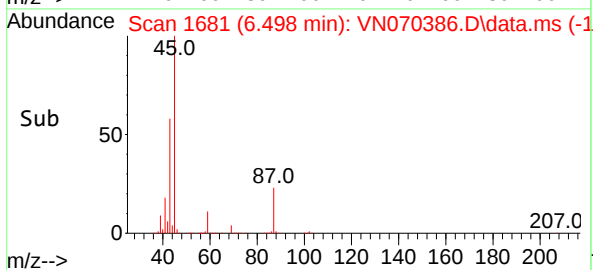
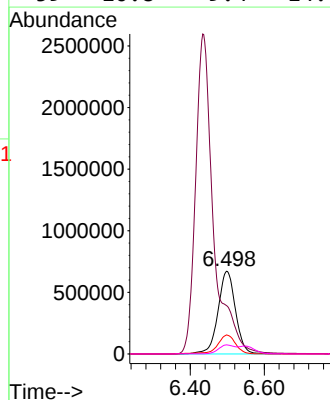
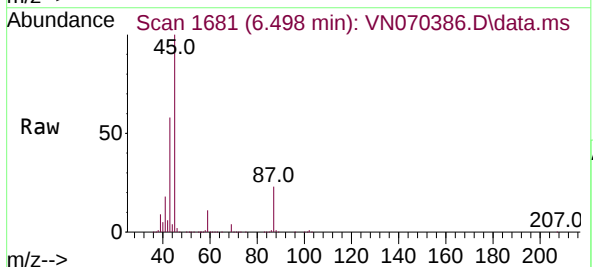
Ion Ratio Lower Upper

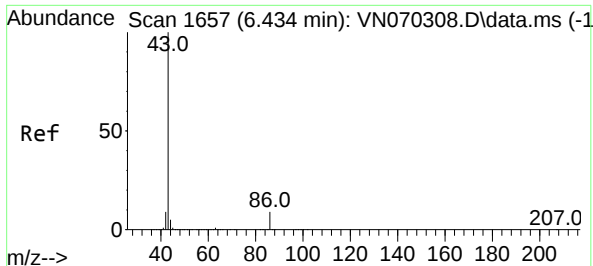
45 100

43 57.4 51.7 77.5

87 22.9 23.2 34.8#

59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 279.873 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. -0.000 min

Lab File: VN070386.D

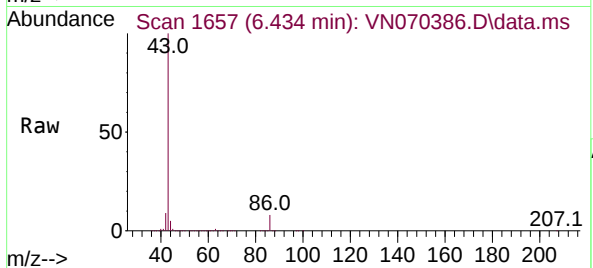
Acq: 30 Dec 2021 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 870038

Ion Ratio Lower Upper

43 100

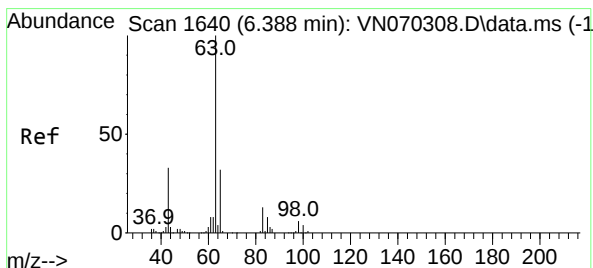
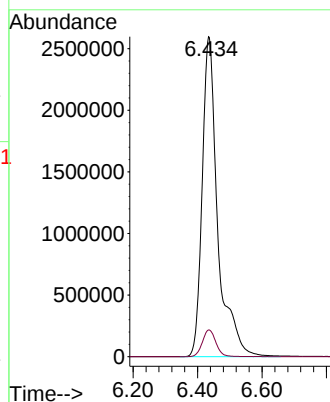
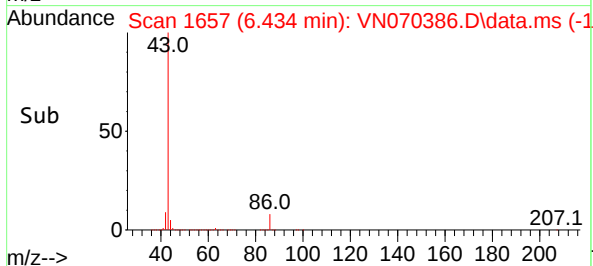
86 8.3 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/30/2021

Supervised By :Amit Patel 12/30/2021



#24

1,1-Dichloroethane

Concen: 52.768 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN070386.D

Acq: 30 Dec 2021 8:51

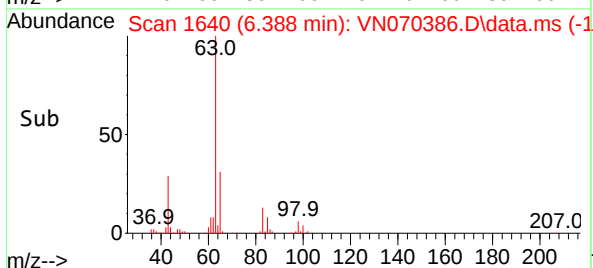
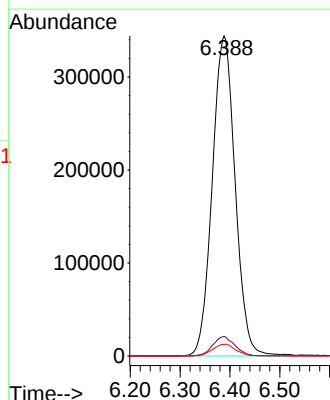
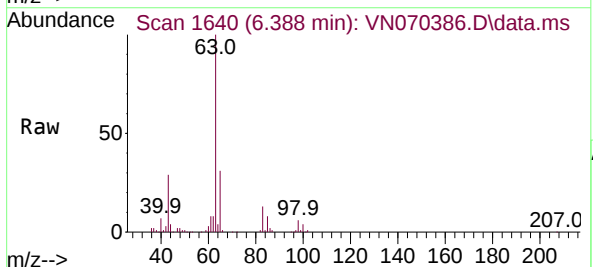
Tgt Ion: 63 Resp: 1096270

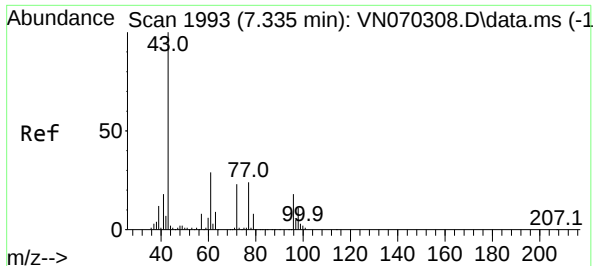
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.9

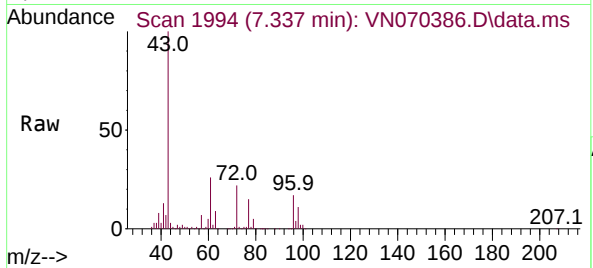
100 3.6 2.1 6.5





#25
2-Butanone
Concen: 269.327 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

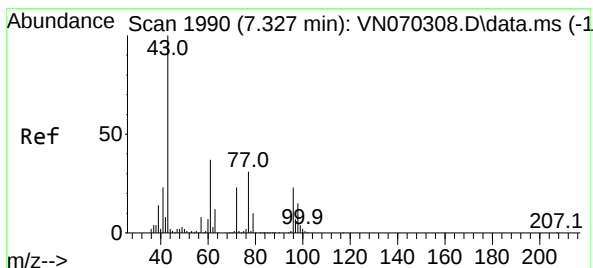
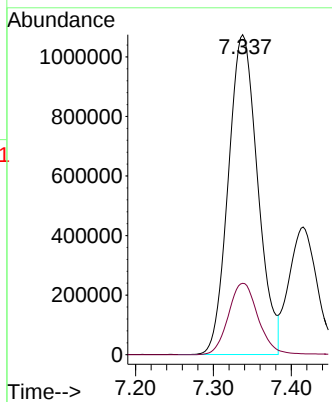
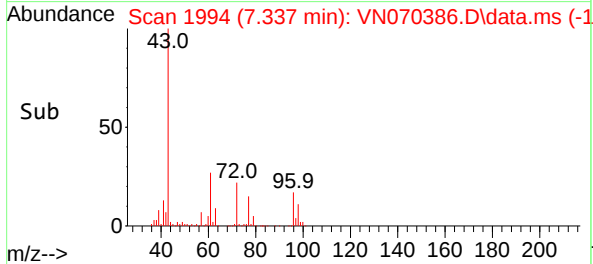
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2819770
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

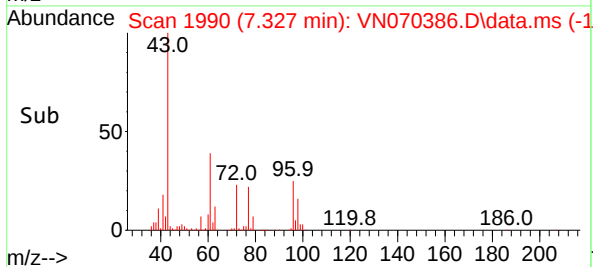
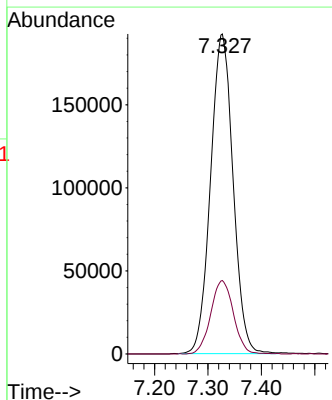
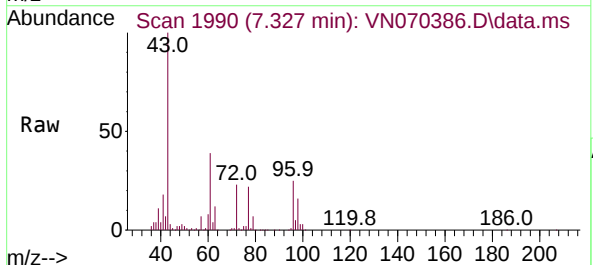
Manual Integrations
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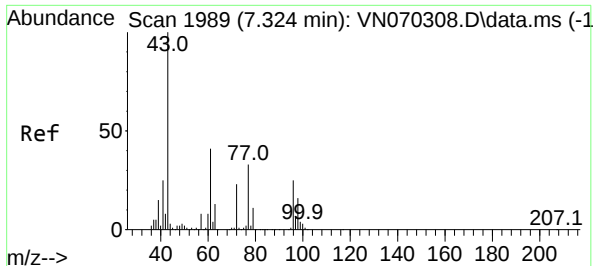
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#26
2,2-Dichloropropane
Concen: 34.369 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

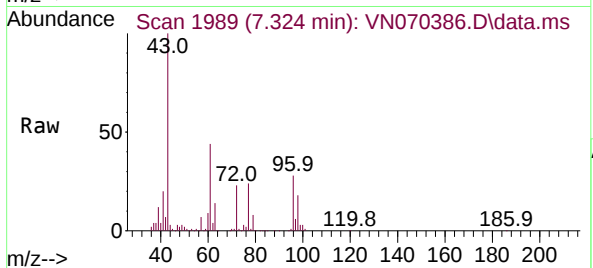
Tgt Ion: 77 Resp: 563287
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 53.027 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN070386.D
 Acq: 30 Dec 2021 8:51

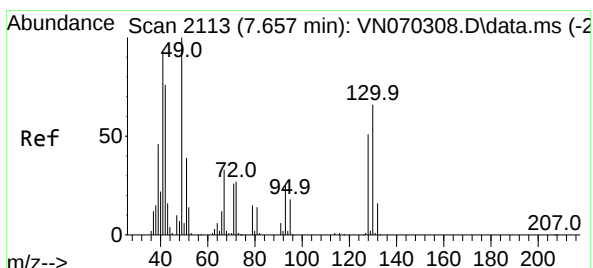
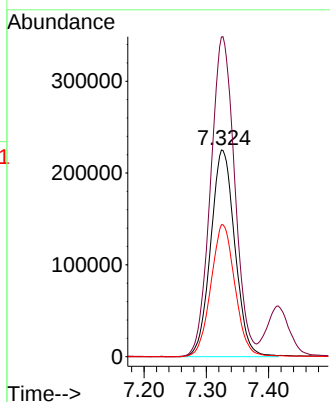
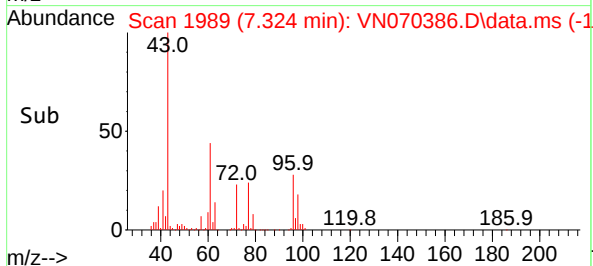
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 607840
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 275.0
 98 63.6 0.0 129.6

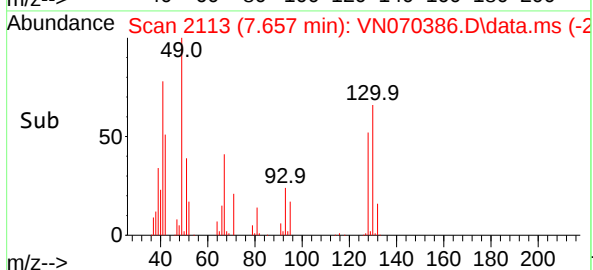
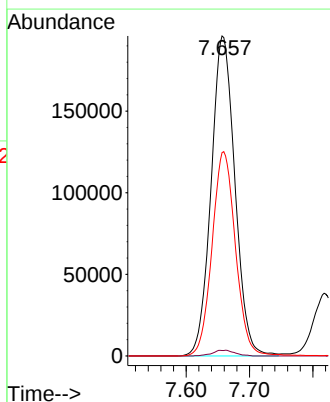
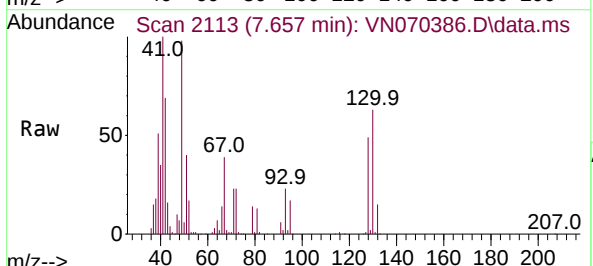
Manual Integrations
 APPROVED

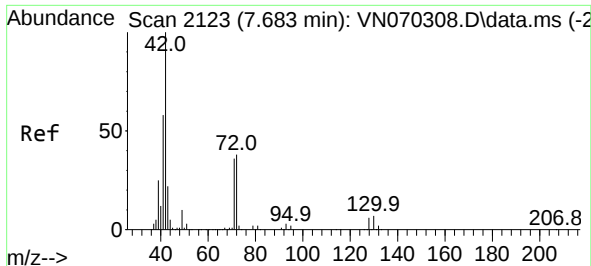
Reviewed By :John Carlone 12/30/2021
 Supervised By :Amit Patel 12/30/2021



#28
 Bromochloromethane
 Concen: 50.433 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070386.D
 Acq: 30 Dec 2021 8:51

Tgt Ion: 49 Resp: 512414
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.0
 130 62.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 301.806 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070386.D

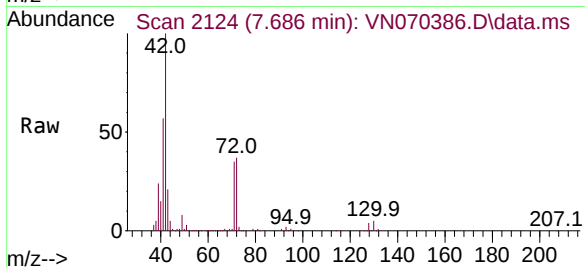
Acq: 30 Dec 2021 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 188526

Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

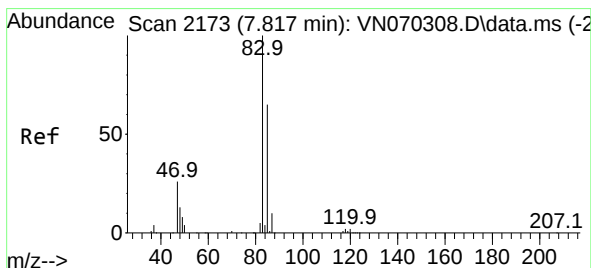
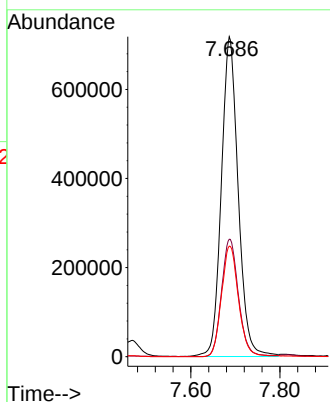
71 34.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2021

Supervised By :Amit Patel 12/30/2021



#30

Chloroform

Concen: 52.411 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. 0.001 min

Lab File: VN070386.D

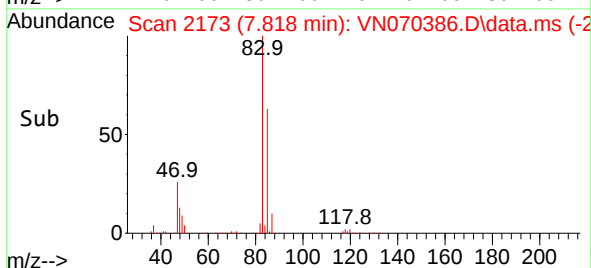
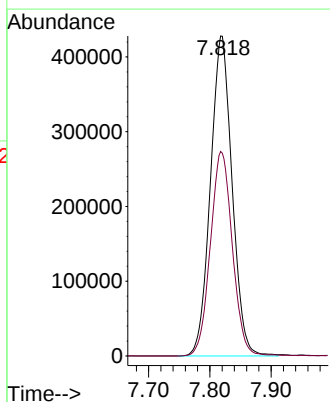
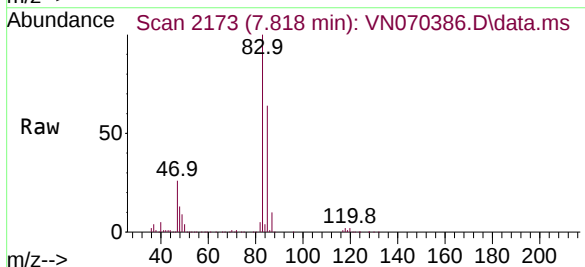
Acq: 30 Dec 2021 8:51

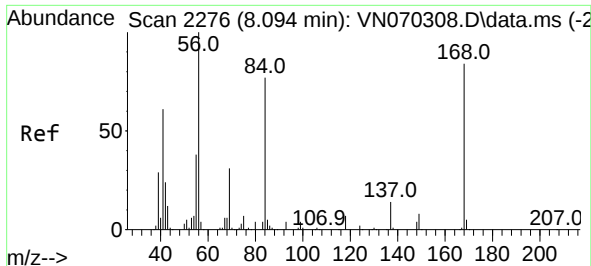
Tgt Ion: 83 Resp: 1050454

Ion Ratio Lower Upper

83 100

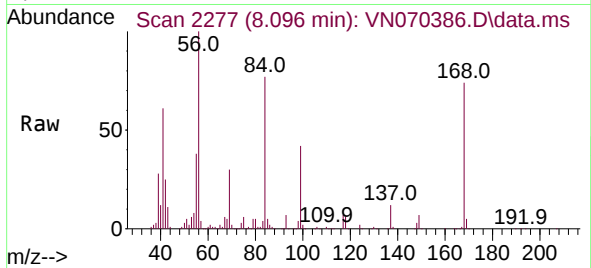
85 63.9 51.9 77.9





#31
Cyclohexane
Concen: 51.519 ug/l
RT: 8.096 min Scan# 2276
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

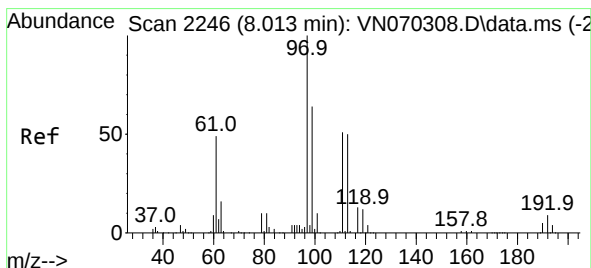
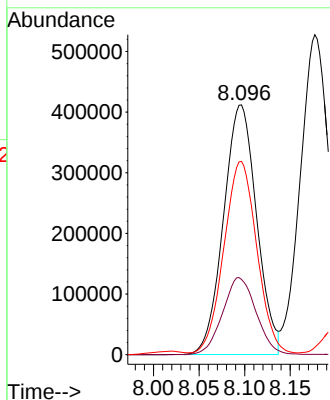
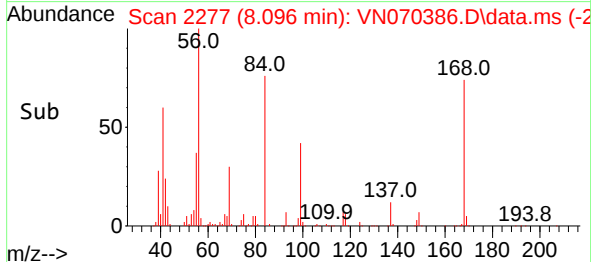
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1041368
Ion Ratio Lower Upper
56 100
69 30.1 27.1 40.7
84 76.3 73.4 110.0

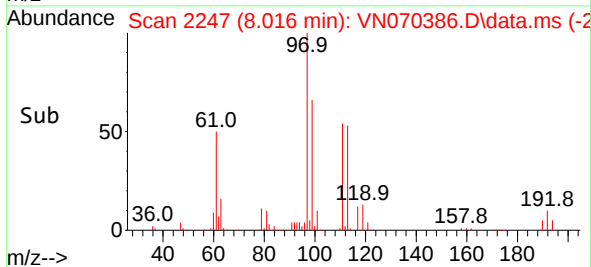
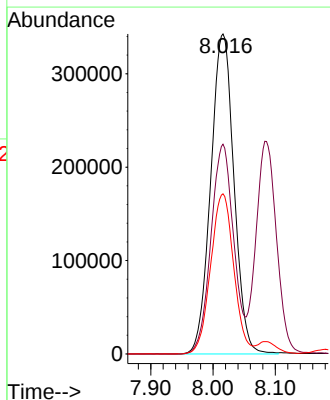
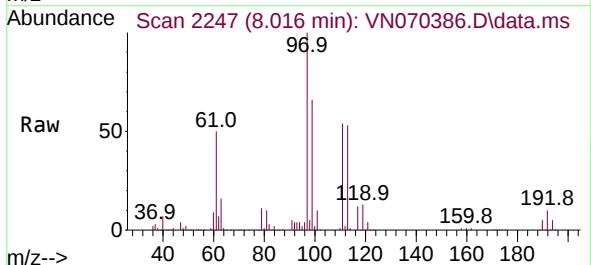
Manual Integrations
APPROVED

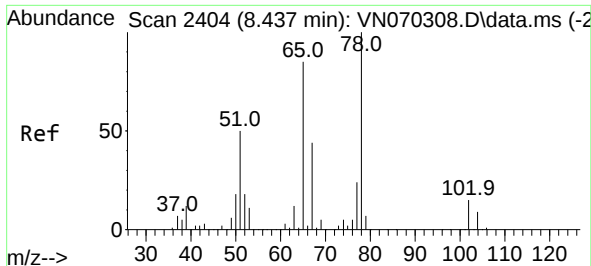
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#32
1,1,1-Trichloroethane
Concen: 52.560 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Tgt Ion: 97 Resp: 888223
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 49.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.135 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070386.D

Acq: 30 Dec 2021 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 642180

Ion Ratio Lower Upper

65 100

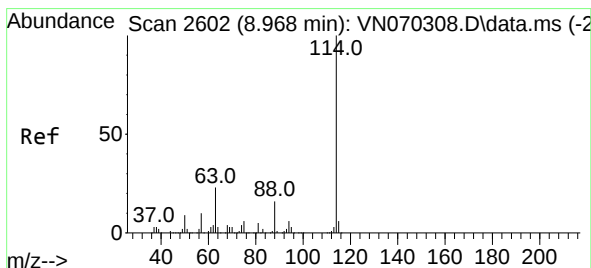
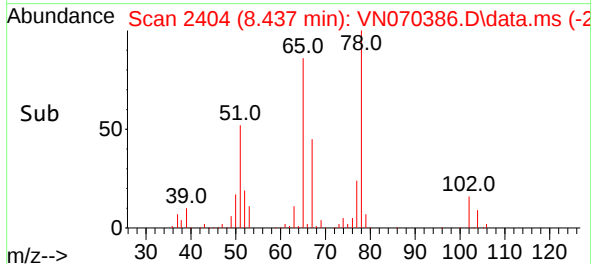
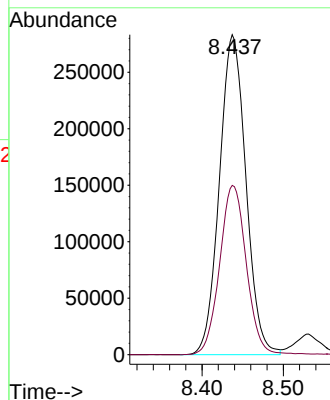
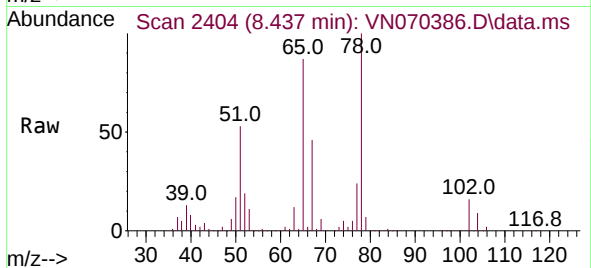
67 53.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2021

Supervised By :Amit Patel 12/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070386.D

Acq: 30 Dec 2021 8:51

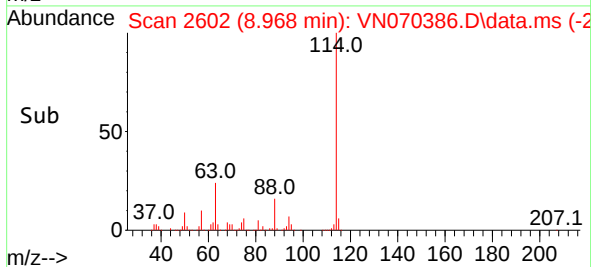
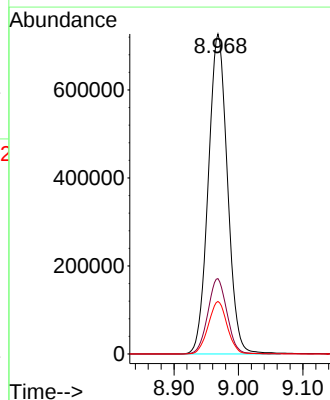
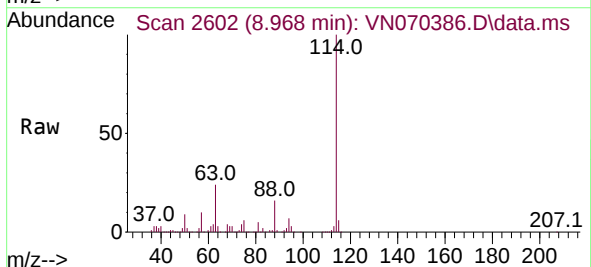
Tgt Ion:114 Resp: 1502676

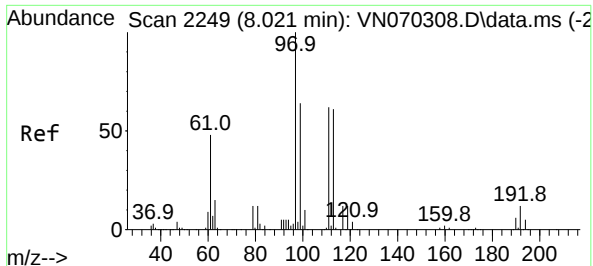
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

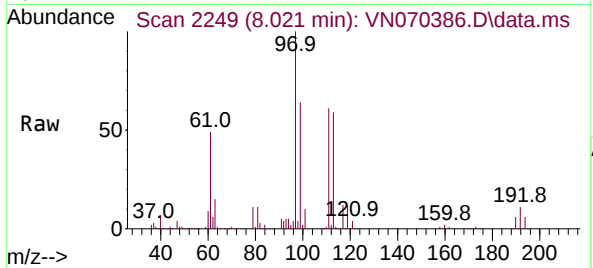
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.464 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

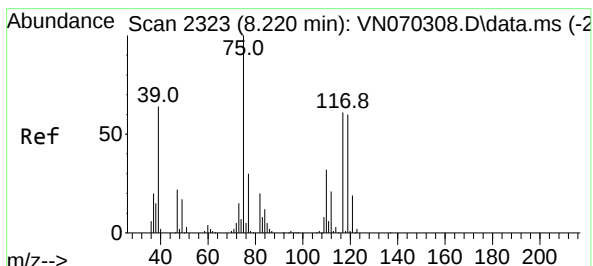
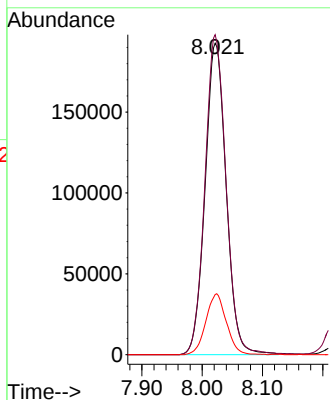
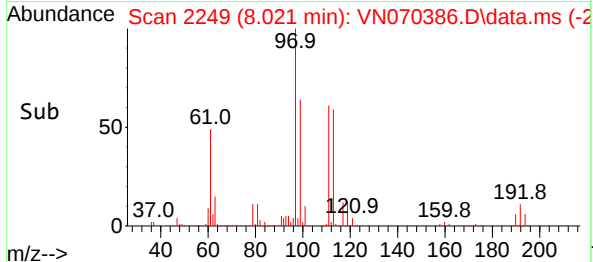
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



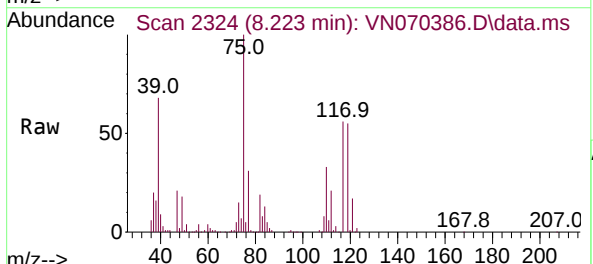
Tgt Ion: 113 Resp: 467908
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.1 16.9 25.3

Manual Integrations
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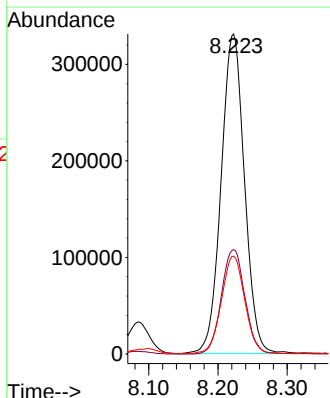
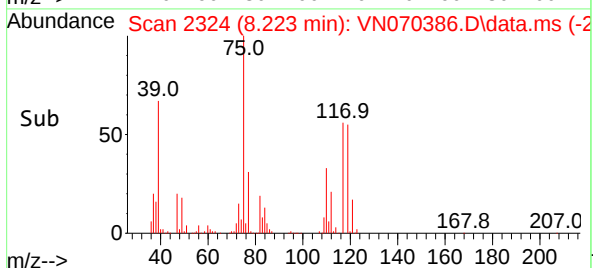
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

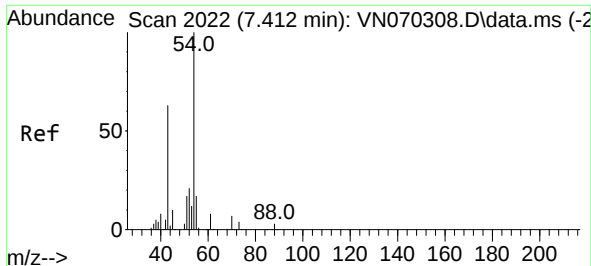


#36
1,1-Dichloropropene
Concen: 51.583 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



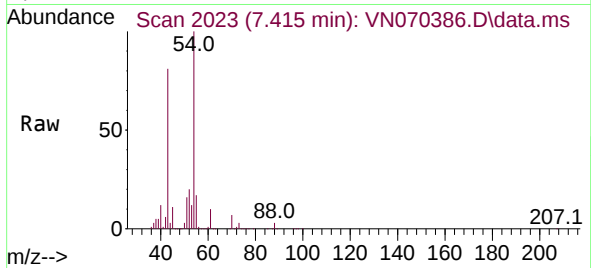
Tgt Ion: 75 Resp: 775834
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 55.372 ug/l
RT: 7.415 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

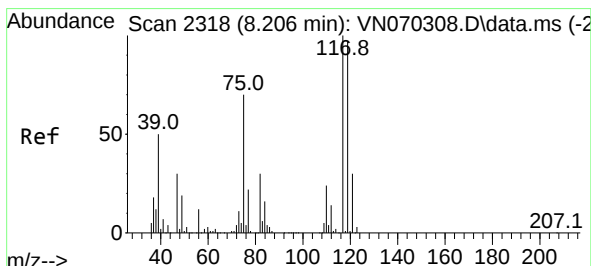
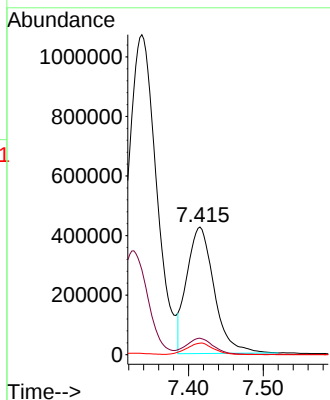
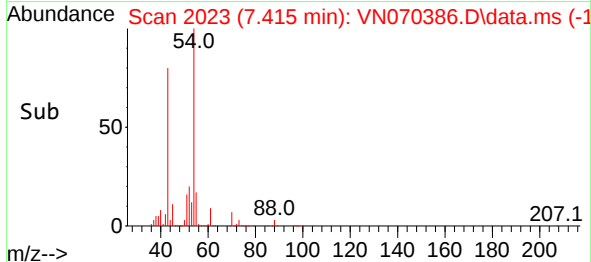
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1079512
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.9 7.9 11.9

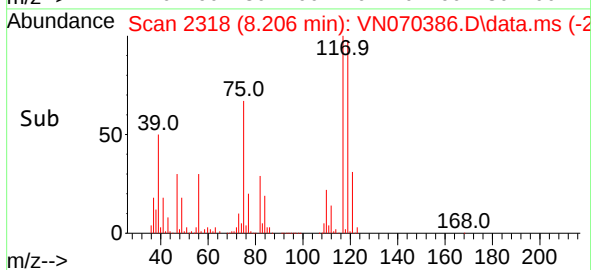
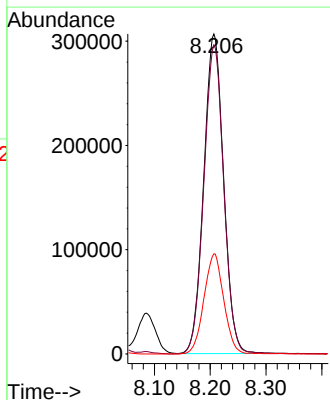
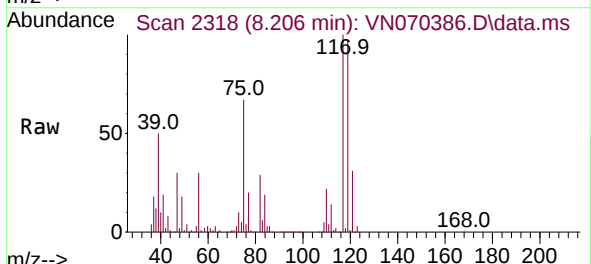
Manual Integrations
APPROVED

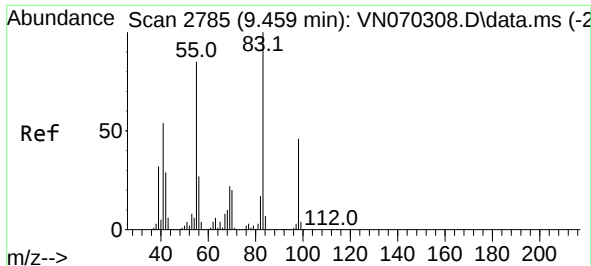
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#38
Carbon Tetrachloride
Concen: 52.847 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Tgt Ion:117 Resp: 758989
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 50.604 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070386.D

Acq: 30 Dec 2021 8:51

Instrument :

MSVOA_N

ClientSampleId :

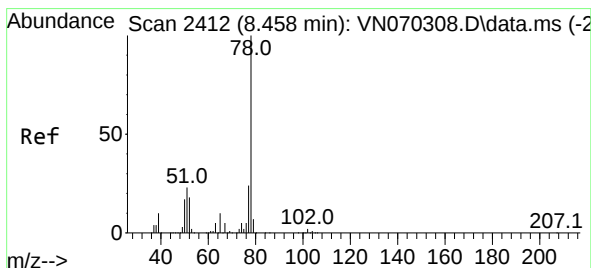
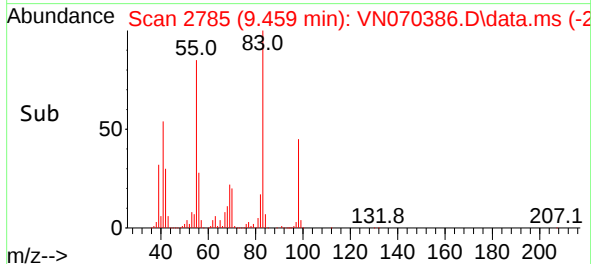
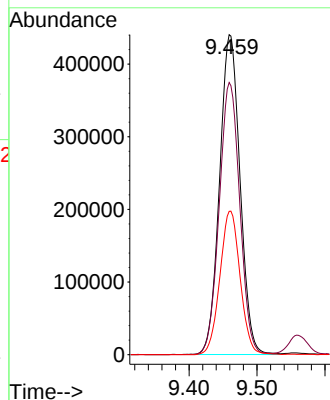
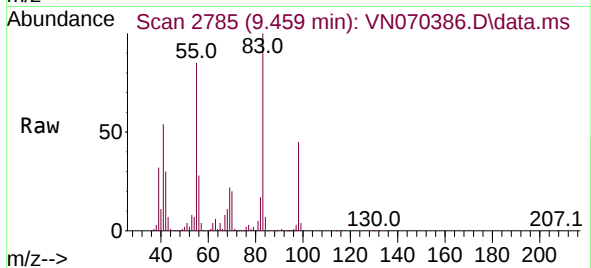
VSTDCCC050EC

Tgt Ion: 83	Resp: 92144
Ion Ratio	Lower Upper
83	100
55	85.0 58.1 87.1
98	44.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#40

Benzene

Concen: 52.220 ug/l

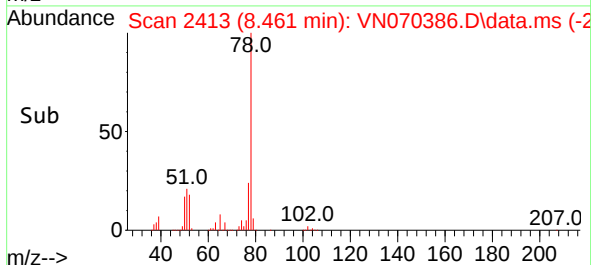
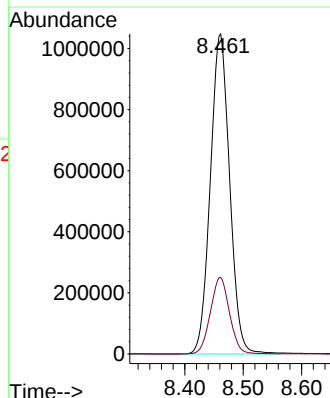
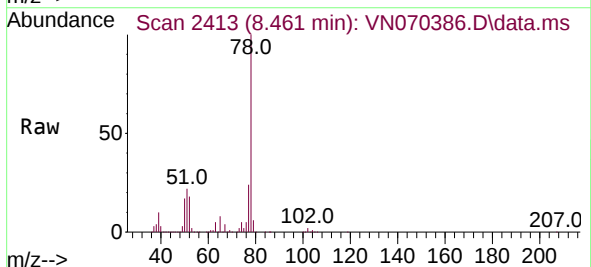
RT: 8.461 min Scan# 2413

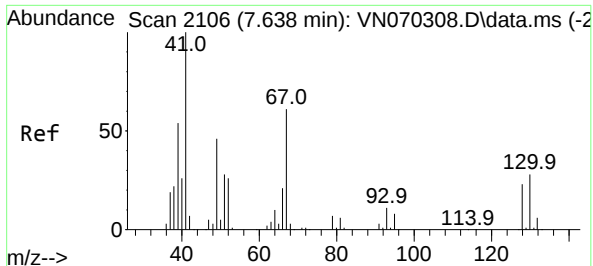
Delta R.T. 0.003 min

Lab File: VN070386.D

Acq: 30 Dec 2021 8:51

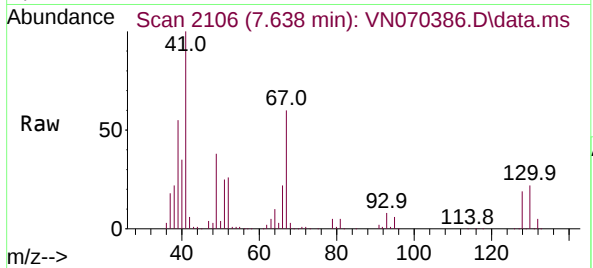
Tgt Ion: 78	Resp: 2407899
Ion Ratio	Lower Upper
78	100
77	23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 59.812 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

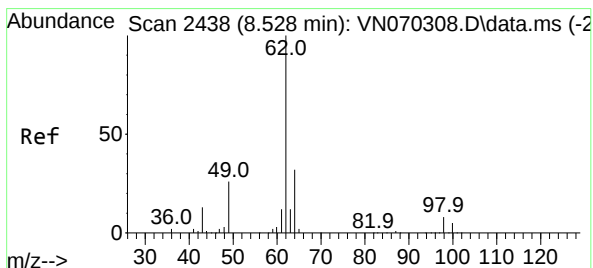
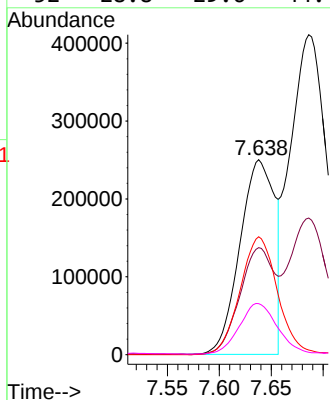
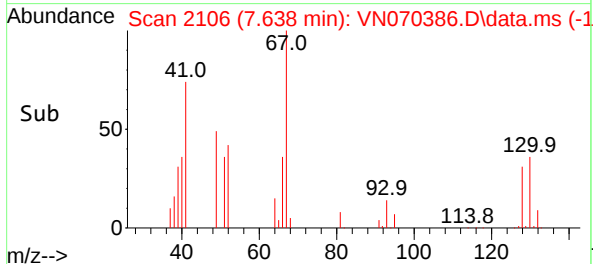
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 58324
Ion Ratio Lower Upper
41 100
39 54.4 48.1 72.1
67 65.5 68.3 102.5
52 28.8 29.6 44.4

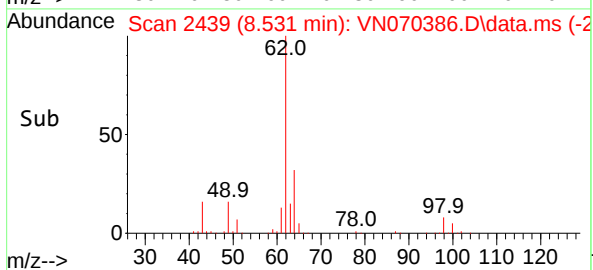
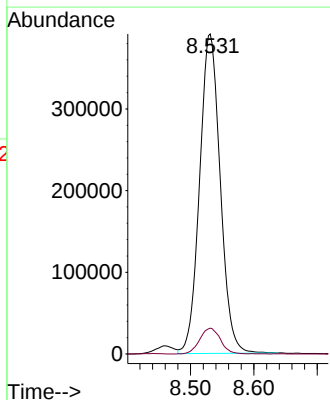
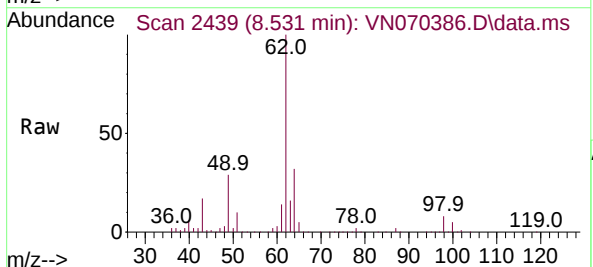
Manual Integrations
APPROVED

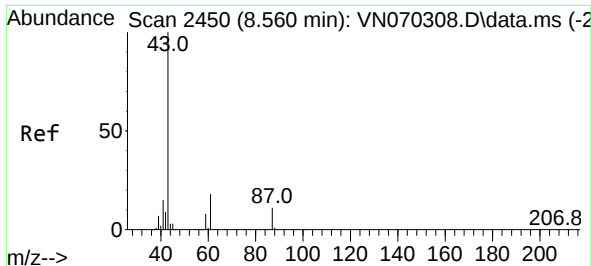
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#42
1,2-Dichloroethane
Concen: 51.098 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

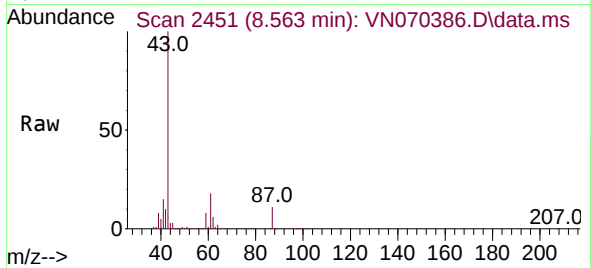
Tgt Ion: 62 Resp: 885617
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.947 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

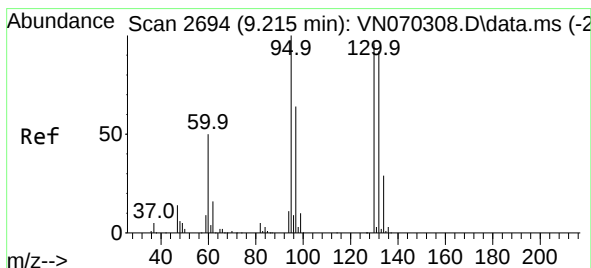
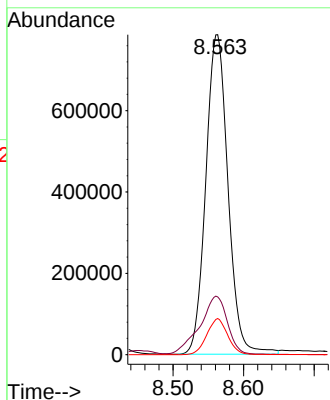
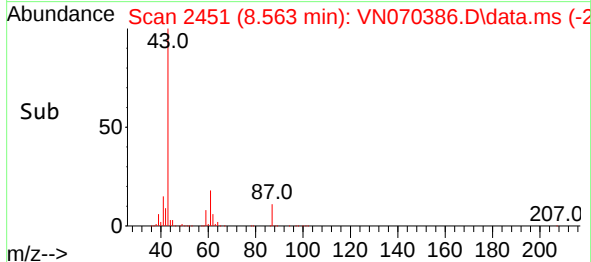
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 171965
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 10.7 11.2 16.8

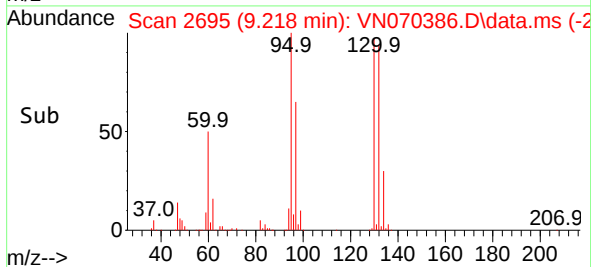
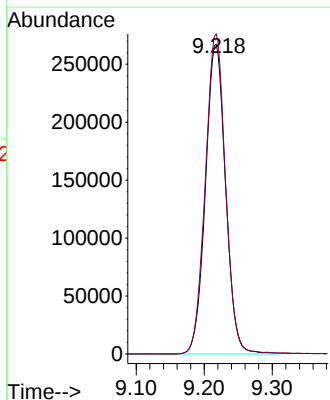
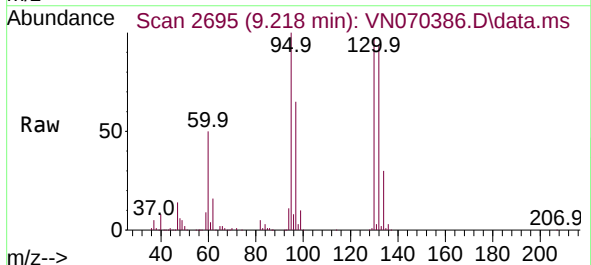
Manual Integrations
APPROVED

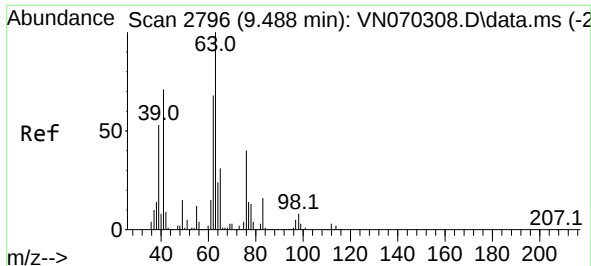
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#44
Trichloroethene
Concen: 50.246 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

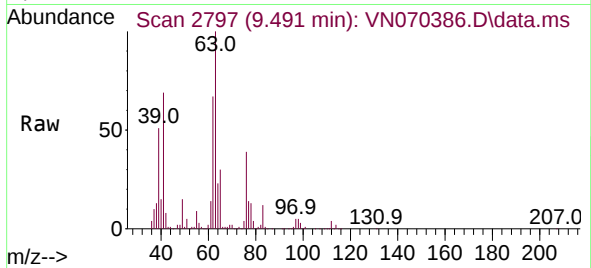
Tgt Ion:130 Resp: 550510
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45
1,2-Dichloropropane
Concen: 53.429 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

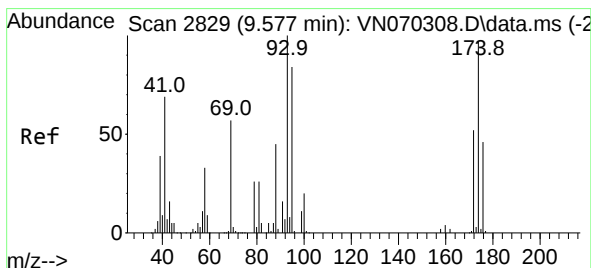
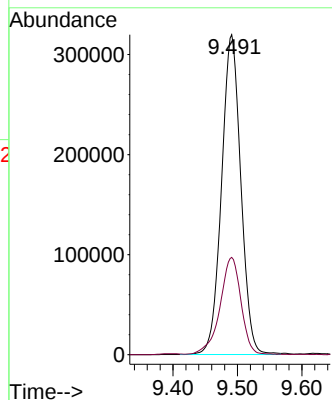
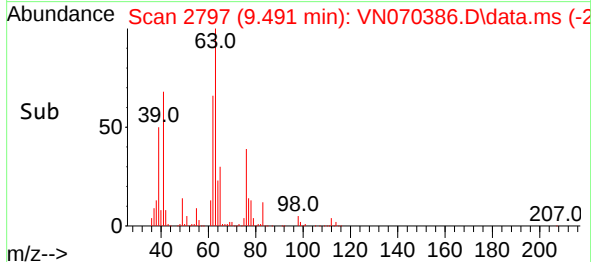
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 663320
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1

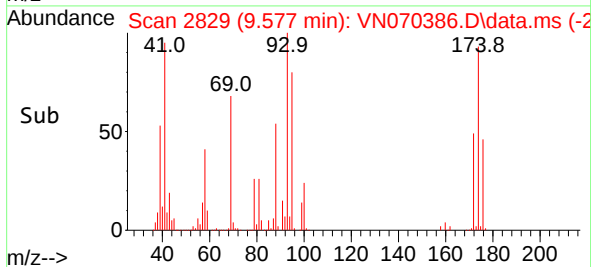
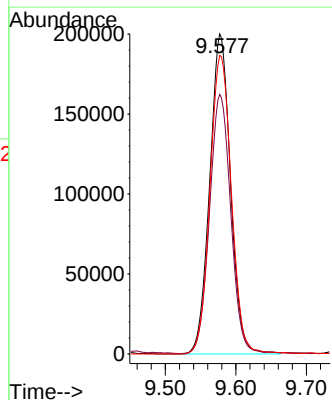
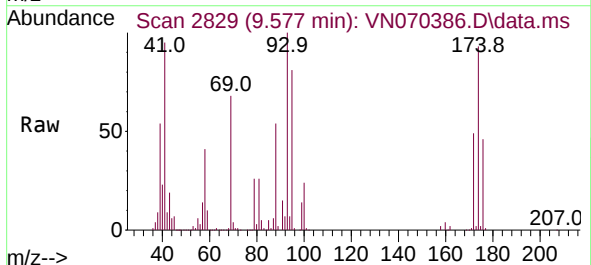
Manual Integrations
APPROVED

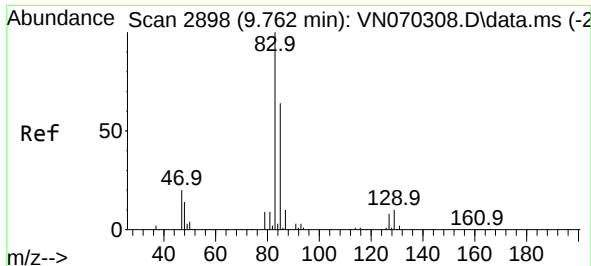
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#46
Dibromomethane
Concen: 53.121 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Tgt Ion: 93 Resp: 410096
Ion Ratio Lower Upper
93 100
95 82.3 65.9 98.9
174 95.9 84.6 127.0





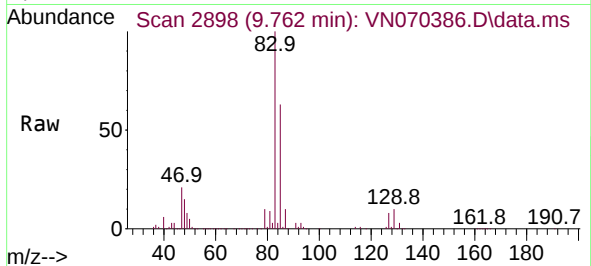
#47
Bromodichloromethane
Concen: 56.561 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

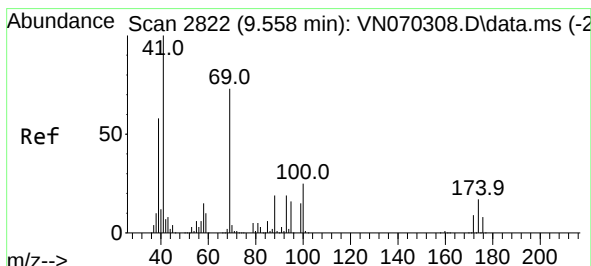
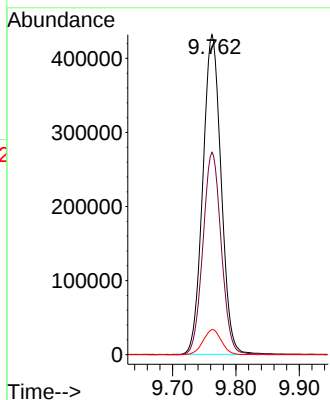
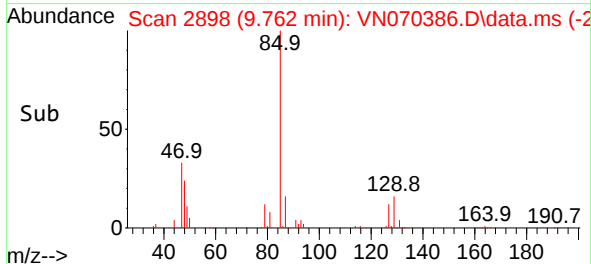


Tgt Ion: 83 Resp: 867020
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 7.8 7.1 10.7

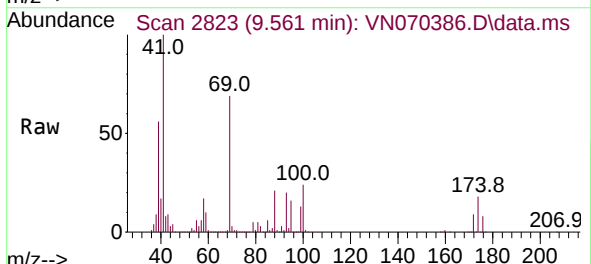
Manual Integrations

APPROVED

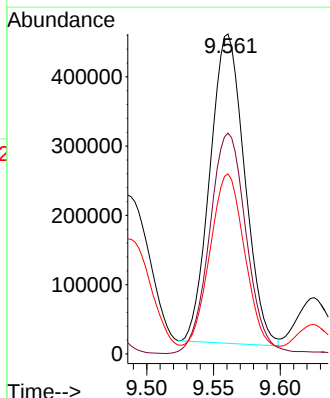
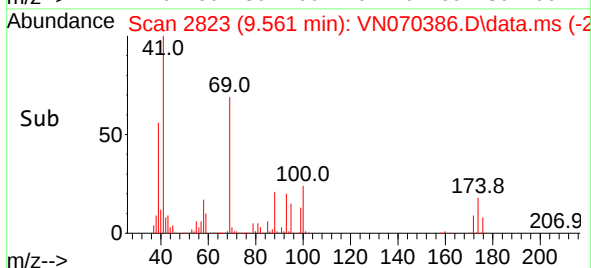
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

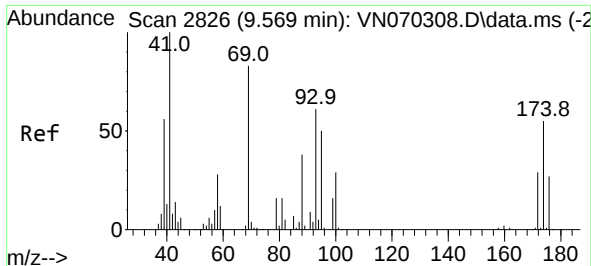


#48
Methyl methacrylate
Concen: 54.806 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



Tgt Ion: 41 Resp: 803529
Ion Ratio Lower Upper
41 100
69 76.0 72.4 108.6
39 55.8 58.4 87.6#





#49

1,4-Dioxane

Concen: 1190.853 ug/l

RT: 9.572 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070386.D

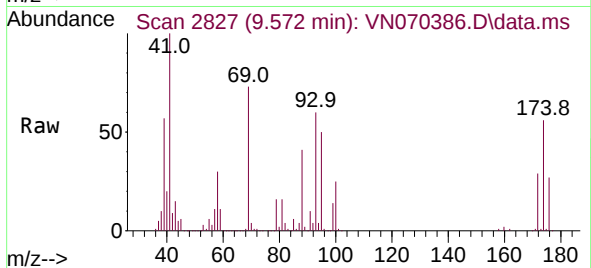
Acq: 30 Dec 2021 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 255570

Ion Ratio Lower Upper

88 100

43 36.3 23.4 35.2

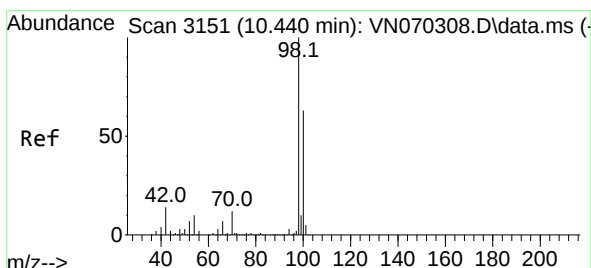
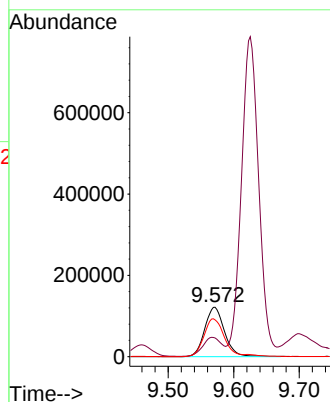
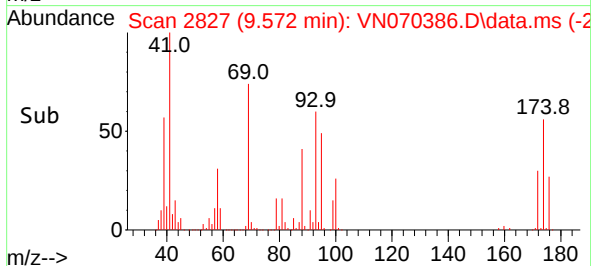
58 77.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2021

Supervised By :Amit Patel 12/30/2021



#50

Toluene-d8

Concen: 49.832 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070386.D

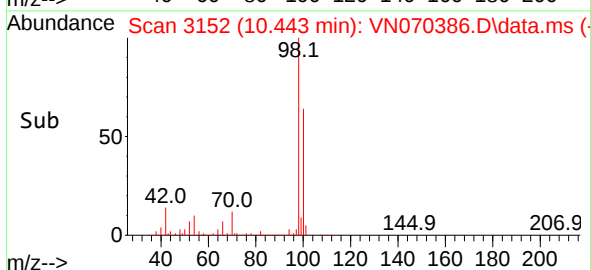
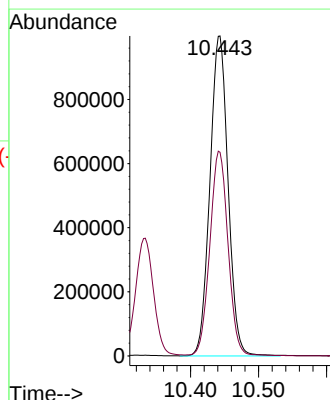
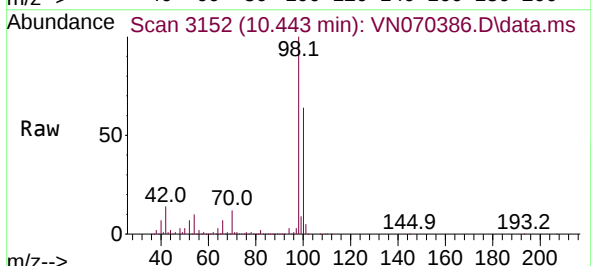
Acq: 30 Dec 2021 8:51

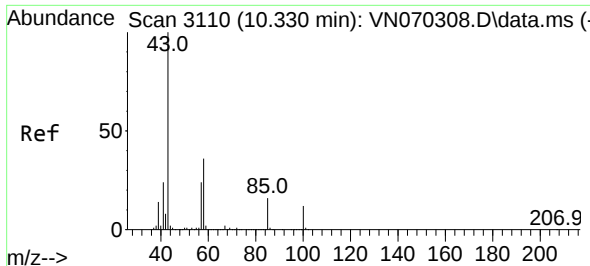
Tgt Ion: 98 Resp: 1850842

Ion Ratio Lower Upper

98 100

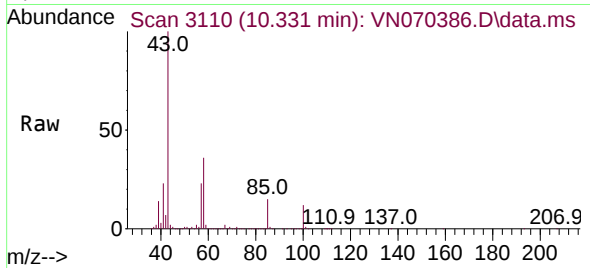
100 64.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 295.451 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.001 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

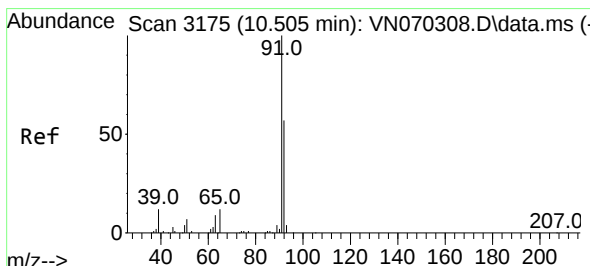
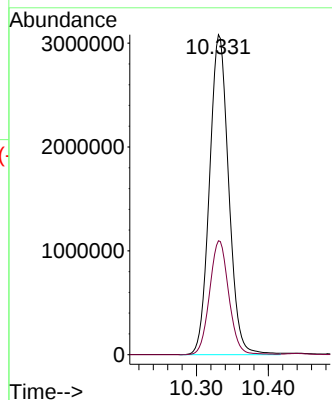
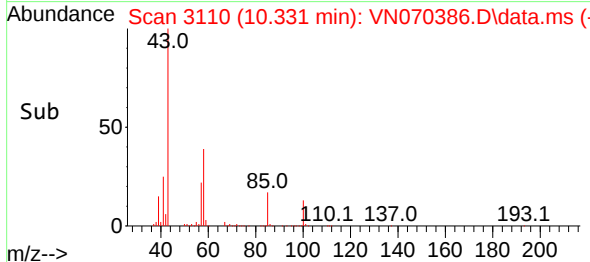
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



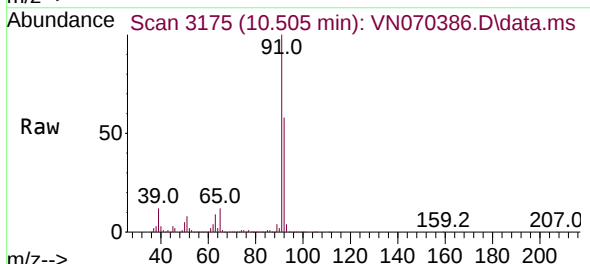
Tgt Ion: 43 Resp: 570636
Ion Ratio Lower Upper
43 100
58 35.7 30.4 45.6

Manual Integrations
APPROVED

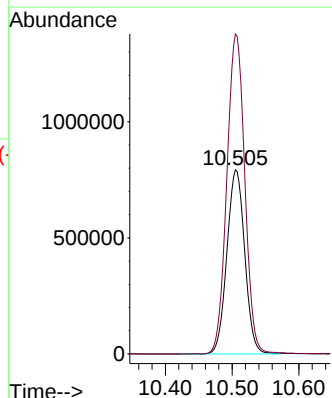
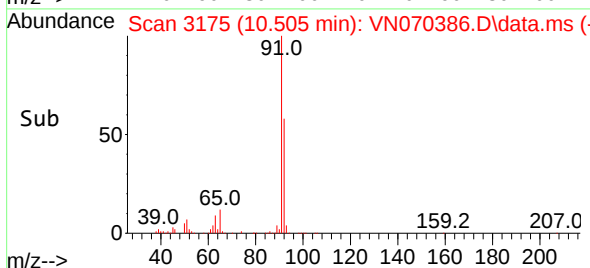
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

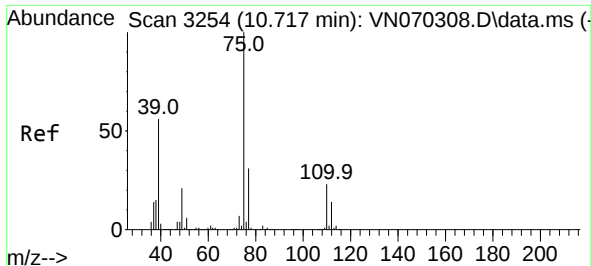


#52
Toluene
Concen: 52.799 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



Tgt Ion: 92 Resp: 1473640
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0





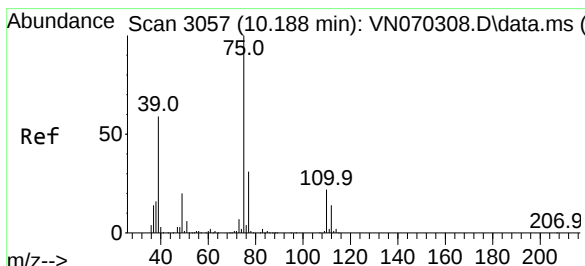
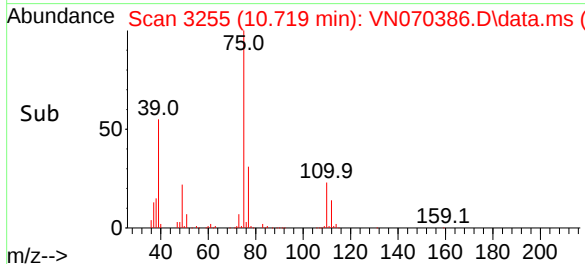
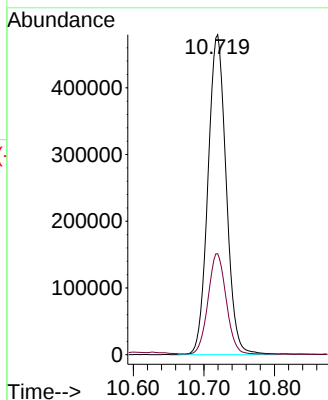
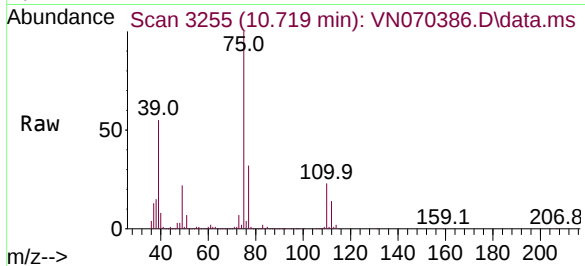
#53
 t-1,3-Dichloropropene
 Concen: 51.899 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: VN070386.D
 Acq: 30 Dec 2021 8:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 861254
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4

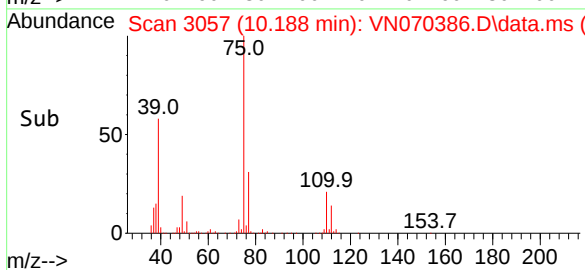
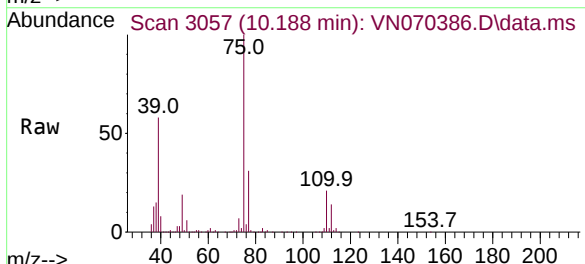
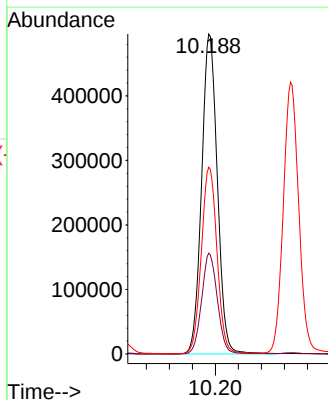
Manual Integrations
 APPROVED

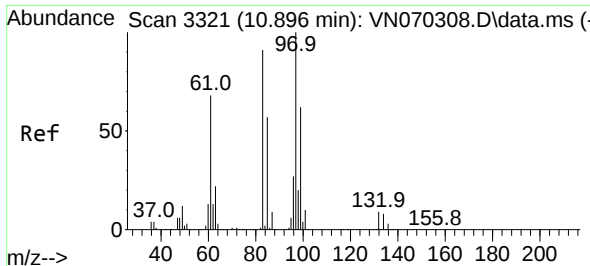
Reviewed By :John Carlone 12/30/2021
 Supervised By :Amit Patel 12/30/2021



#54
 cis-1,3-Dichloropropene
 Concen: 52.540 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070386.D
 Acq: 30 Dec 2021 8:51

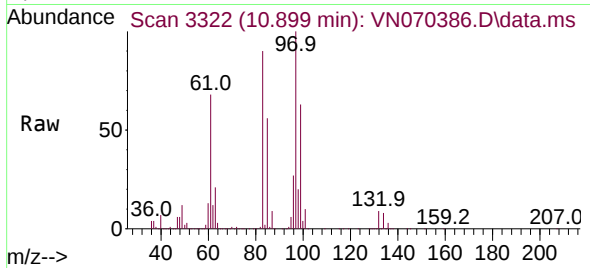
Tgt Ion: 75 Resp: 943166
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.4 39.6
 39 58.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 53.148 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

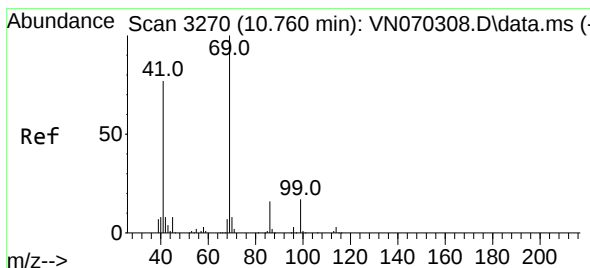
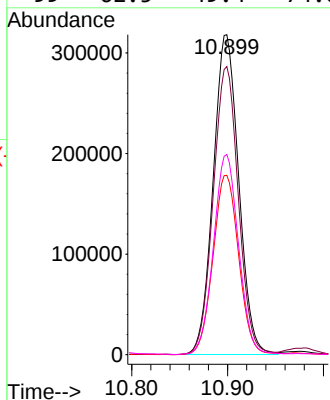
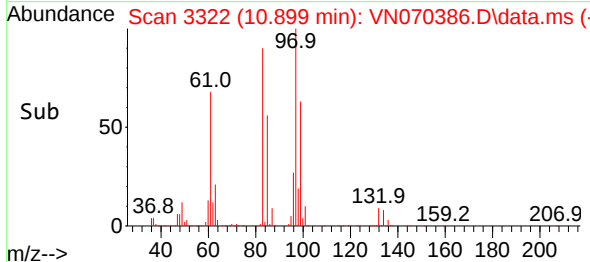
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



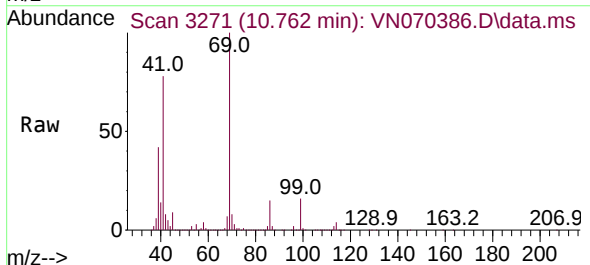
Tgt Ion: 97 Resp: 58692
Ion Ratio Lower Upper
97 100
83 90.0 67.8 101.6
85 56.0 45.4 68.2
99 62.5 49.4 74.0

Manual Integrations
APPROVED

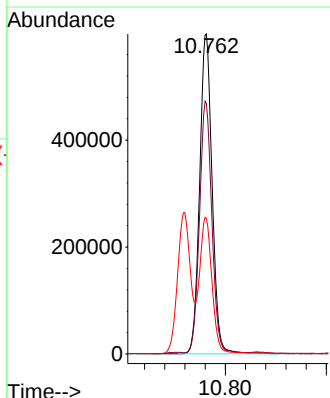
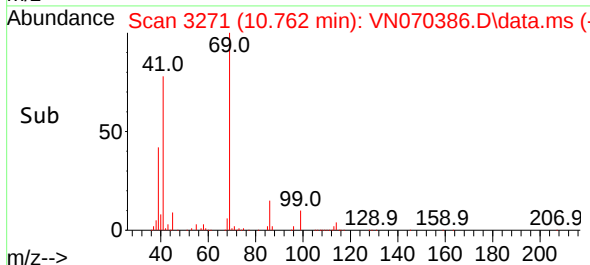
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

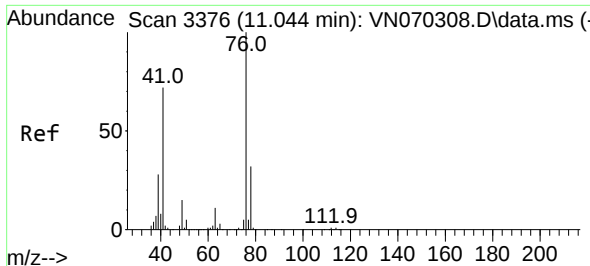


#56
Ethyl methacrylate
Concen: 56.224 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



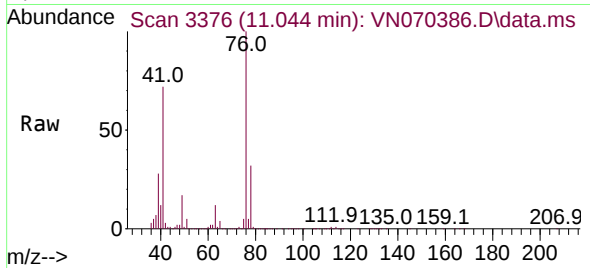
Tgt Ion: 69 Resp: 1025910
Ion Ratio Lower Upper
69 100
41 77.3 51.4 77.0#
39 41.7 34.6 52.0





#57
1,3-Dichloropropane
Concen: 53.635 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

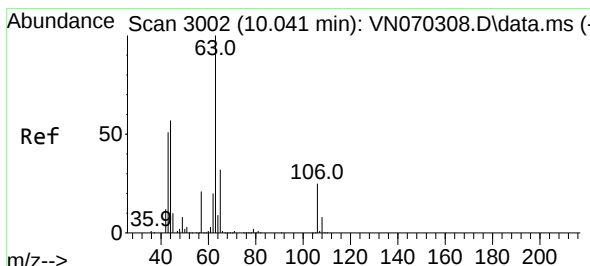
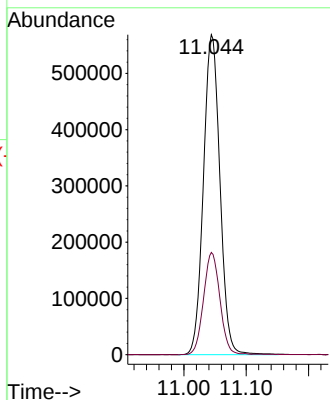
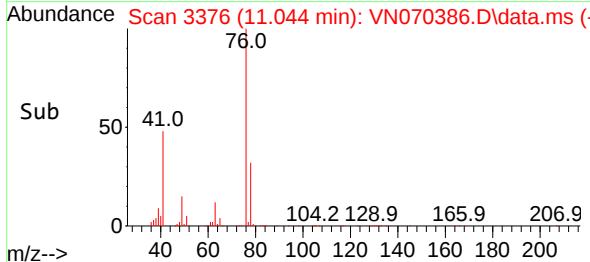
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 1047619
Ion Ratio Lower Upper
76 100
78 31.6 25.7 38.5

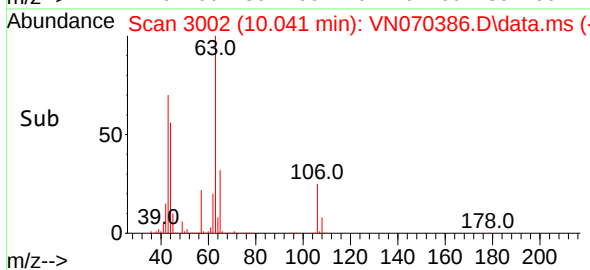
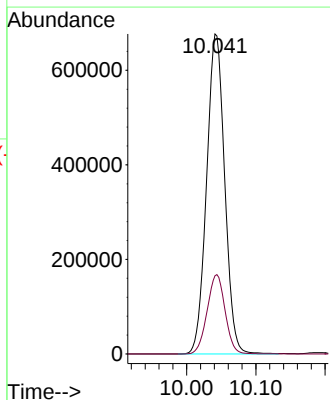
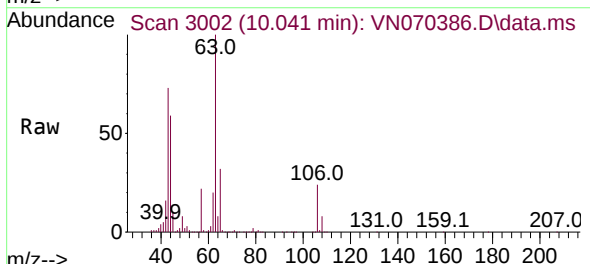
Manual Integrations
APPROVED

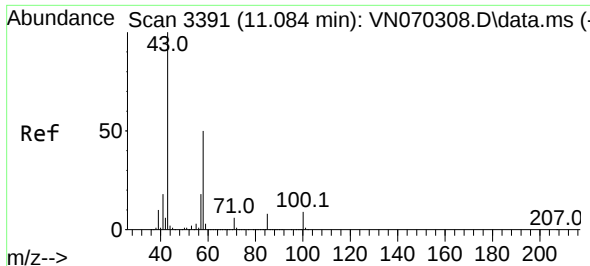
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#58
2-Chloroethyl Vinyl ether
Concen: 262.493 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

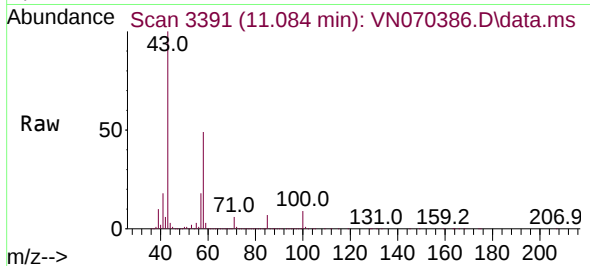
Tgt Ion: 63 Resp: 1228084
Ion Ratio Lower Upper
63 100
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 294.286 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

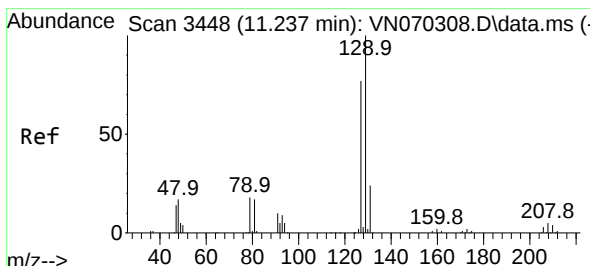
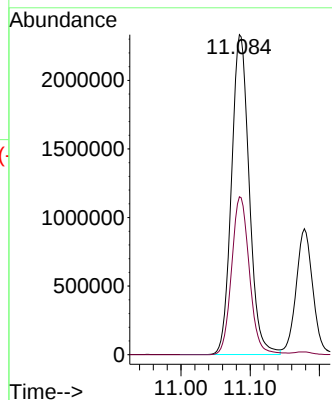
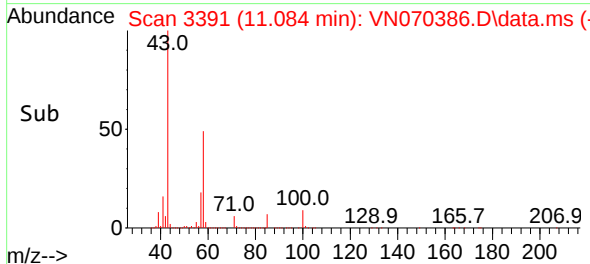
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4144944
Ion Ratio Lower Upper
43 100
58 49.7 26.9 80.7

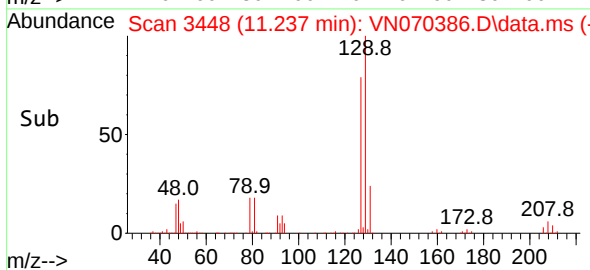
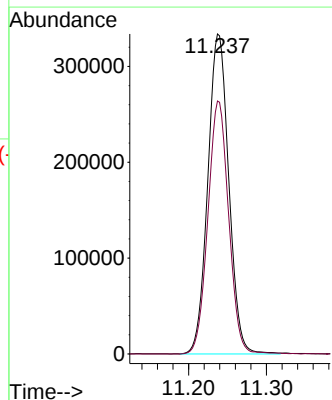
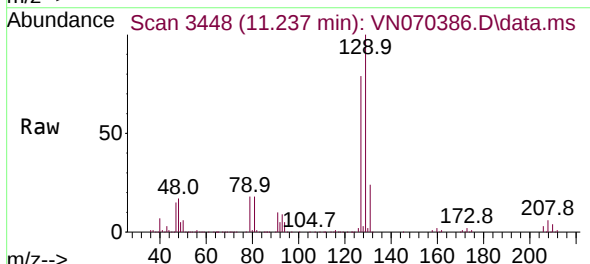
Manual Integrations
APPROVED

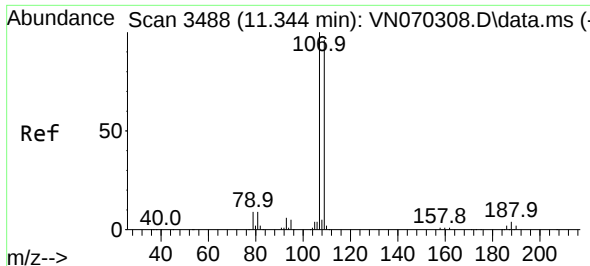
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#60
Dibromochloromethane
Concen: 58.011 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

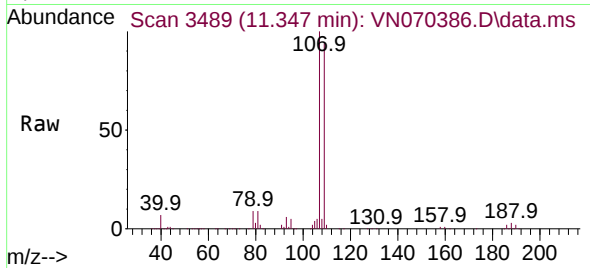
Tgt Ion:129 Resp: 625047
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.443 ug/l
RT: 11.347 min Scan# 3488
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

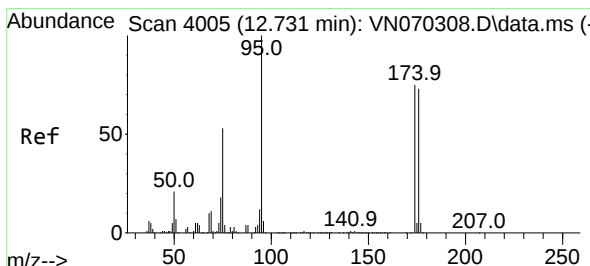
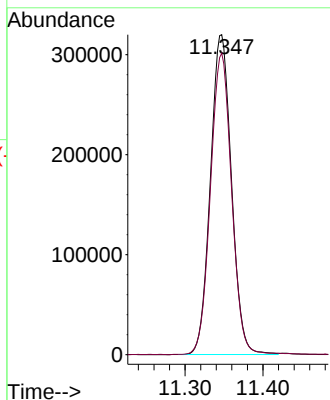
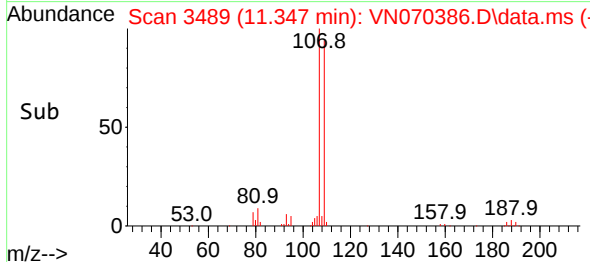
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



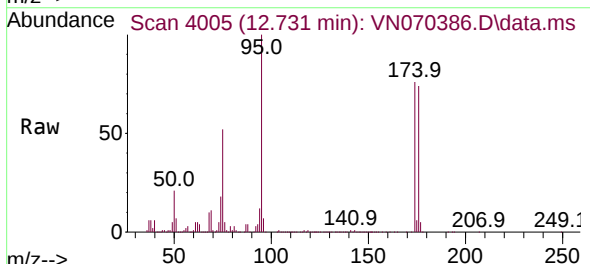
Tgt Ion:107 Resp: 599244
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

Manual Integrations
APPROVED

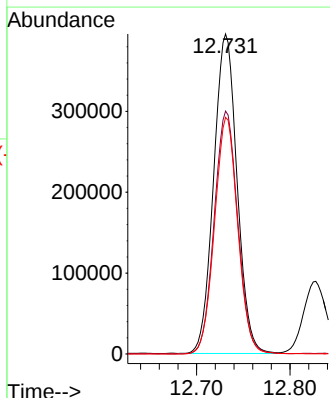
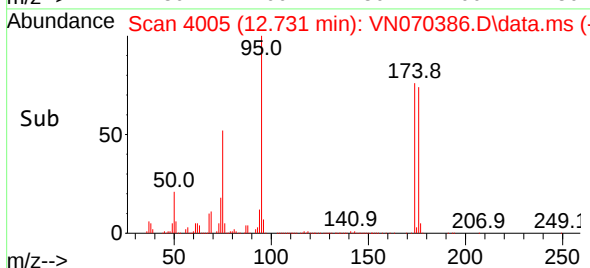
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

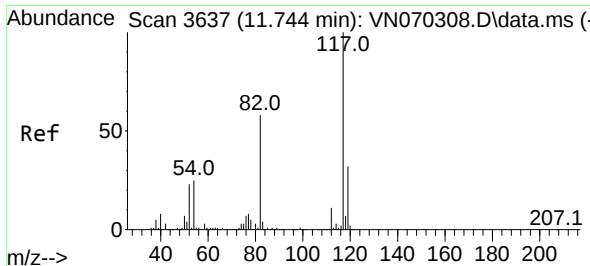


#62
4-Bromofluorobenzene
Concen: 51.295 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



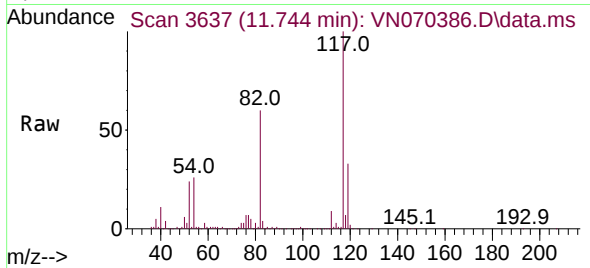
Tgt Ion: 95 Resp: 688106
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

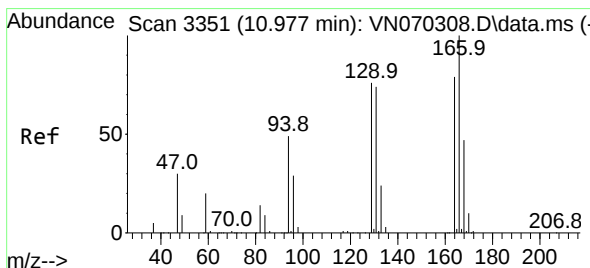
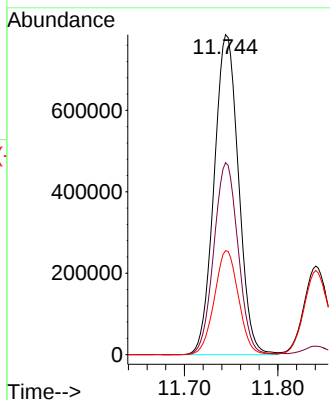
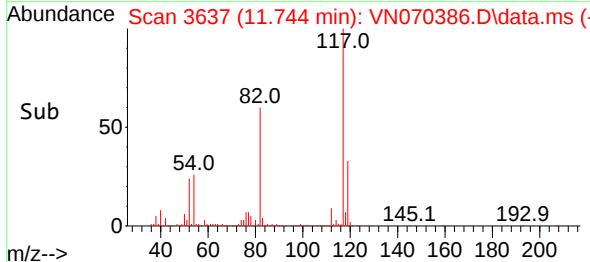
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



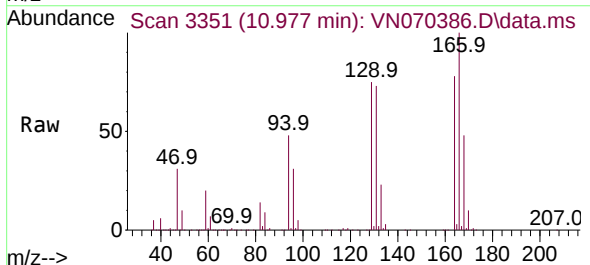
Tgt Ion:117 Resp: 143027
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
APPROVED

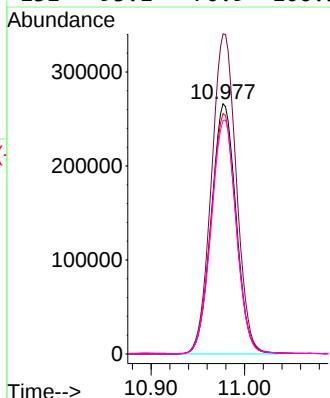
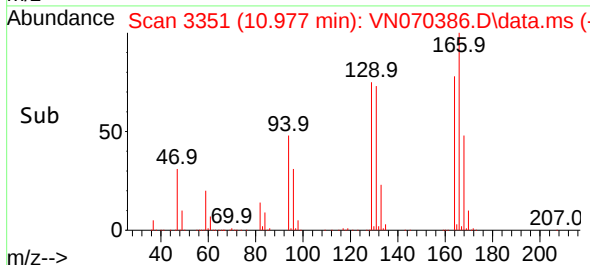
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

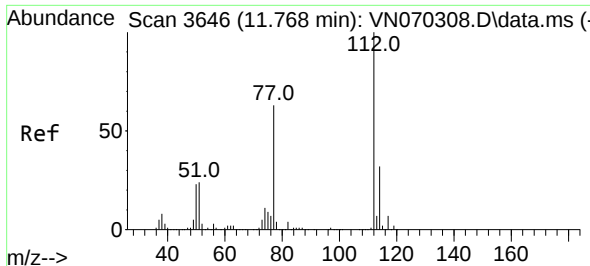


#64
Tetrachloroethene
Concen: 47.271 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



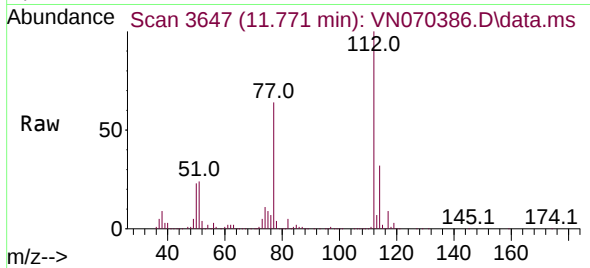
Tgt Ion:164 Resp: 489594
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 96.0 72.0 108.0
131 93.1 70.9 106.3





#65
Chlorobenzene
Concen: 50.437 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

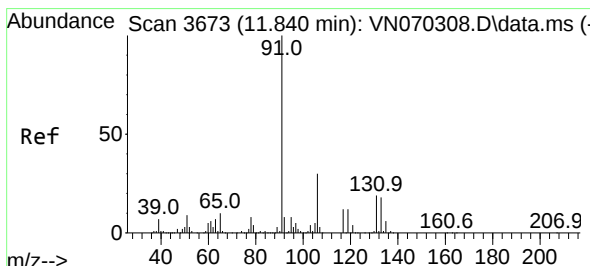
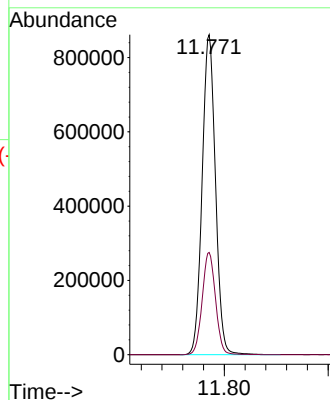
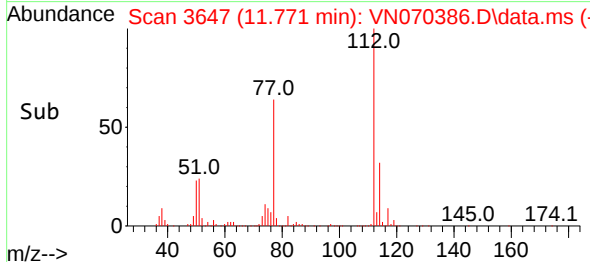
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



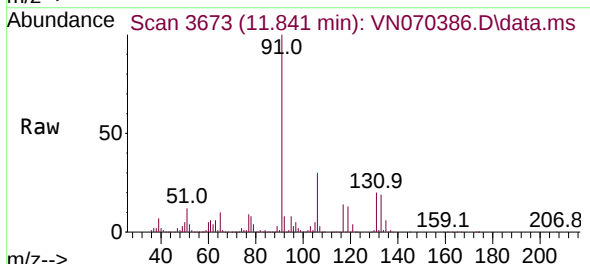
Tgt Ion:112 Resp: 153063
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

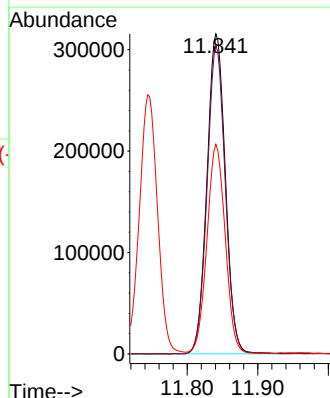
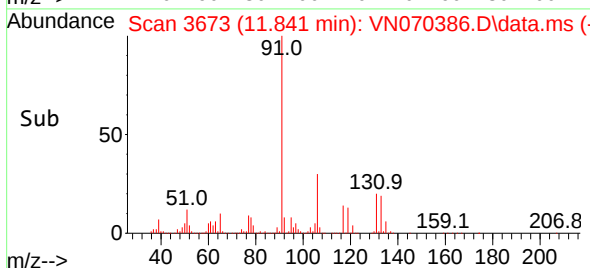
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

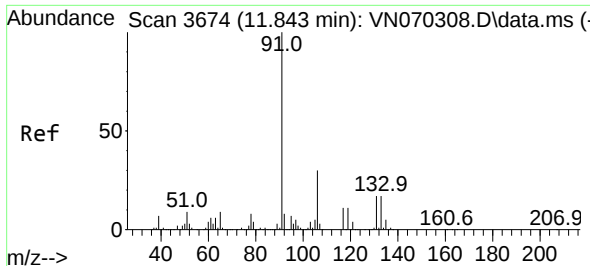


#66
1,1,1,2-Tetrachloroethane
Concen: 52.771 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. 0.001 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



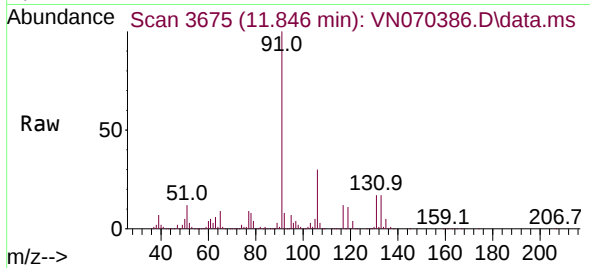
Tgt Ion:131 Resp: 571715
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.8 32.1 96.5





#67
Ethyl Benzene
Concen: 51.944 ug/l
RT: 11.846 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

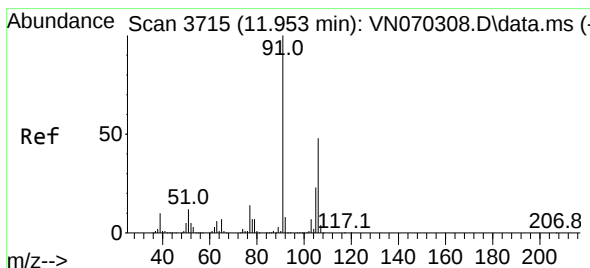
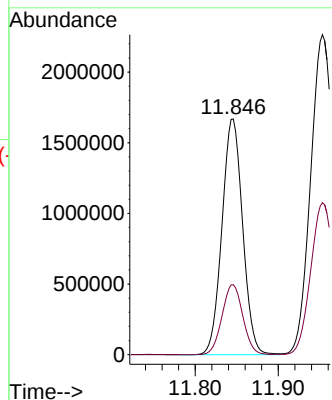
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 288824
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

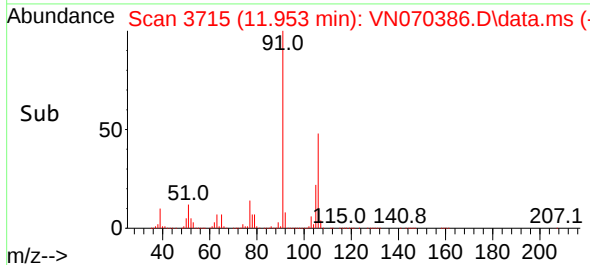
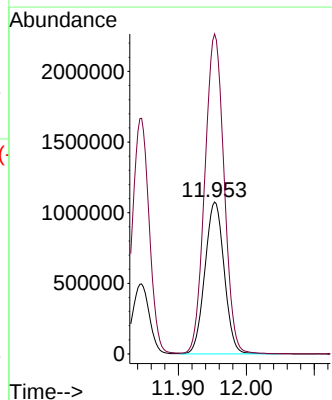
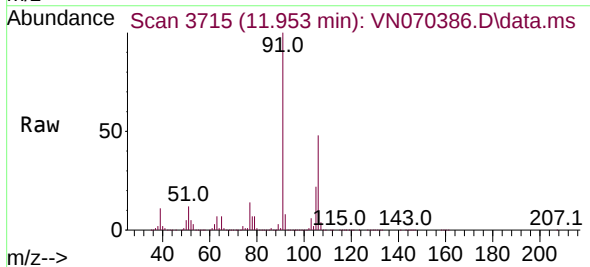
Manual Integrations
APPROVED

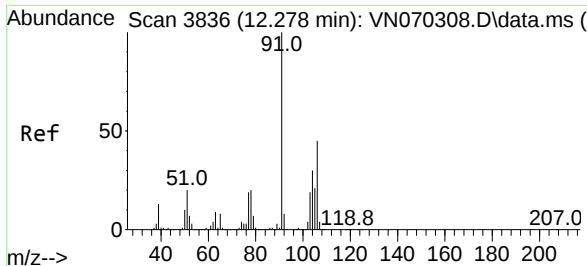
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#68
m/p-Xylenes
Concen: 104.785 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

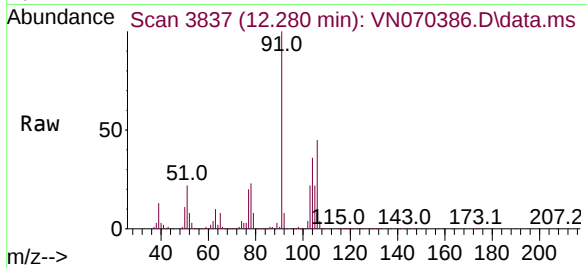
Tgt Ion:106 Resp: 2120842
Ion Ratio Lower Upper
106 100
91 210.8 160.6 240.8





#69
o-Xylene
Concen: 52.677 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

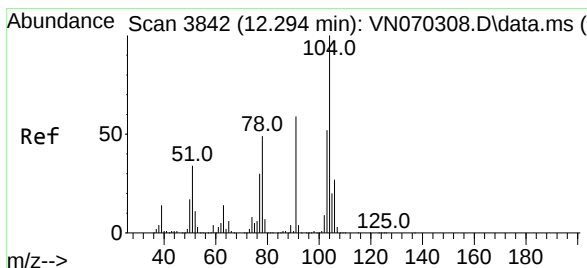
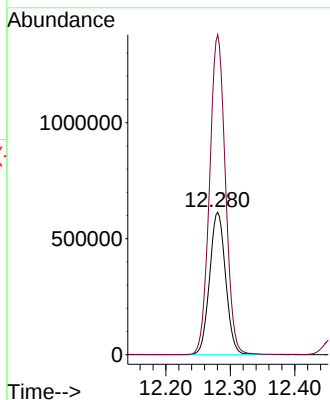
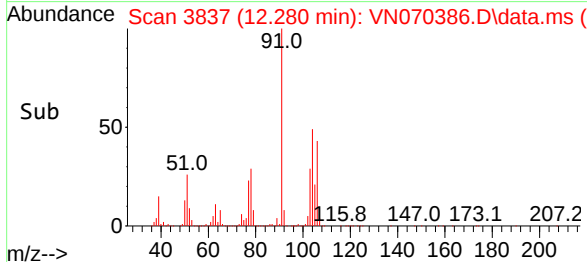
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 106049
Ion Ratio Lower Upper
106 100
91 222.4 105.8 317.3

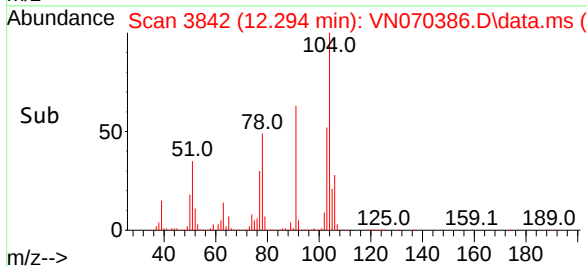
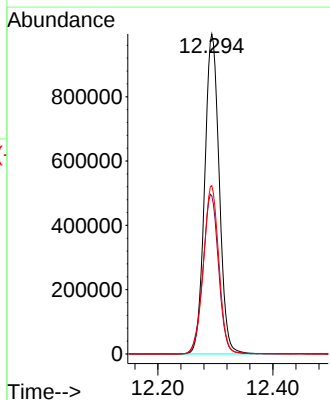
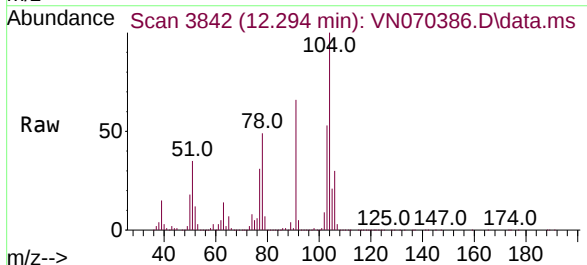
Manual Integrations
APPROVED

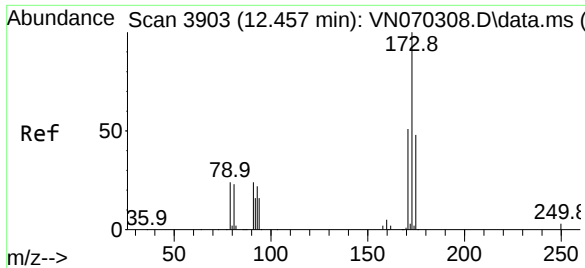
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#70
Styrene
Concen: 54.946 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

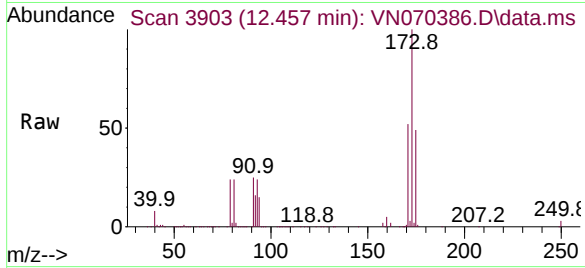
Tgt Ion:104 Resp: 1750750
Ion Ratio Lower Upper
104 100
78 53.5 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 62.288 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

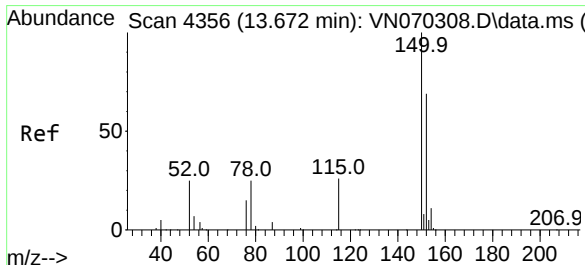
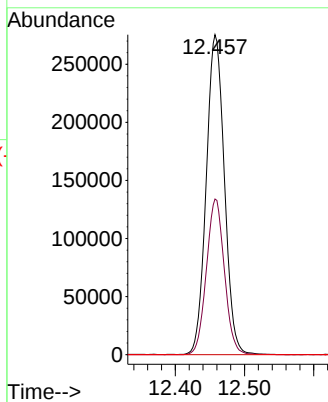
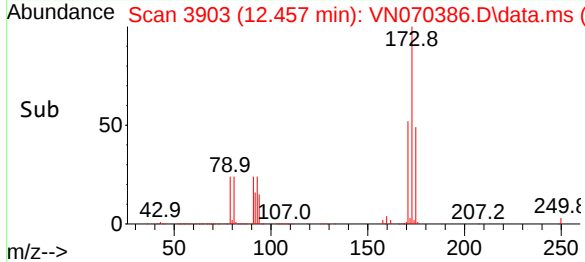
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



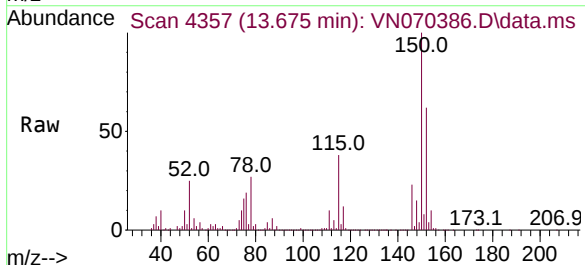
Tgt Ion:173 Resp: 500824
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

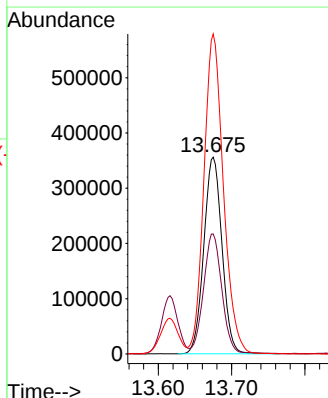
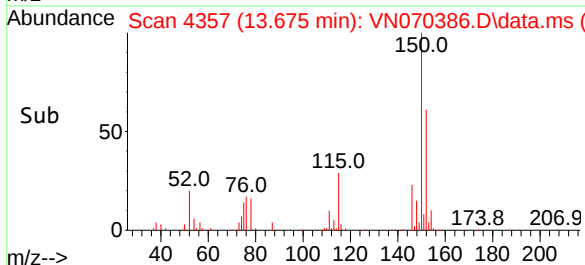
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

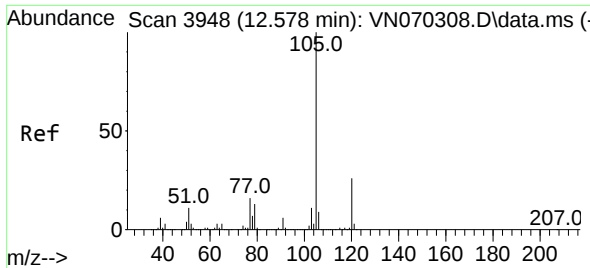


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



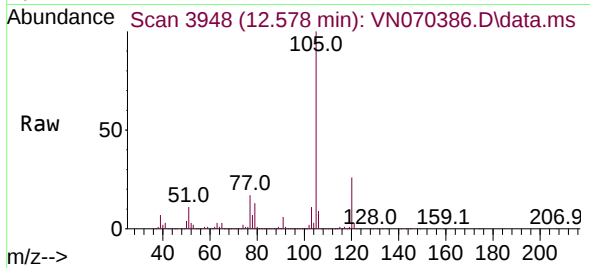
Tgt Ion:152 Resp: 613977
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 173.7 0.0 344.4





#73
Isopropylbenzene
Concen: 48.467 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

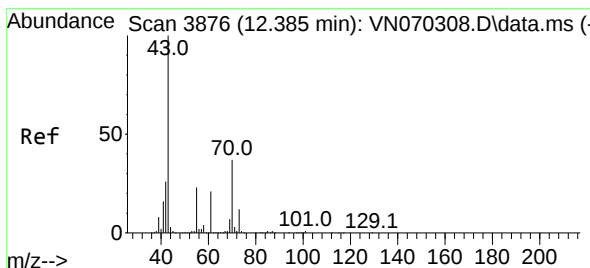
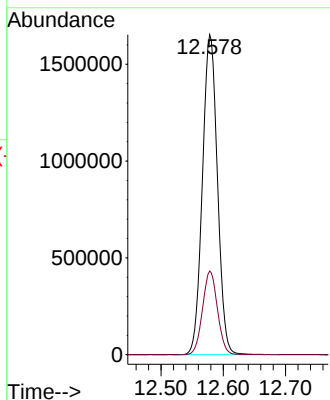
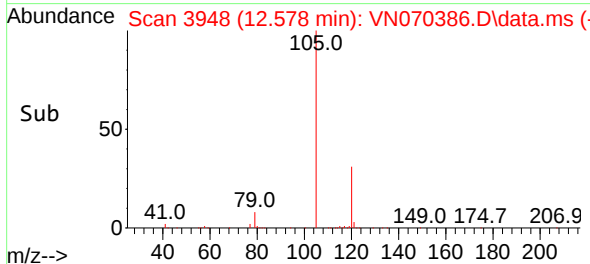
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



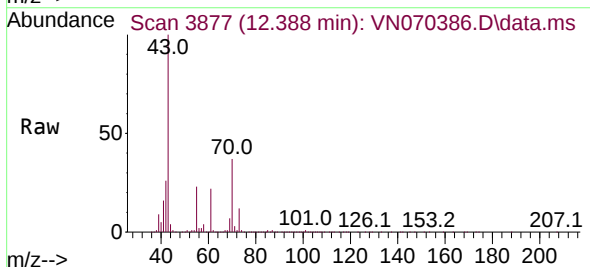
Tgt Ion:105 Resp: 2763440
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

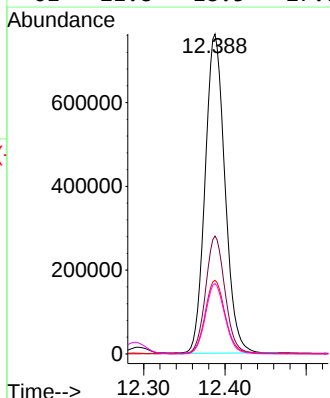
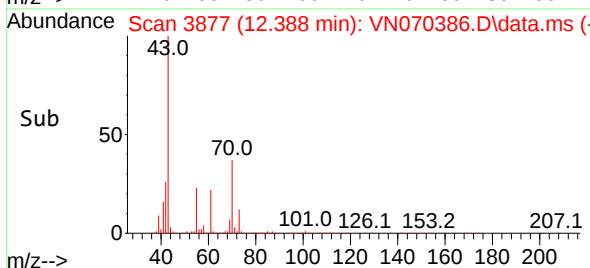
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

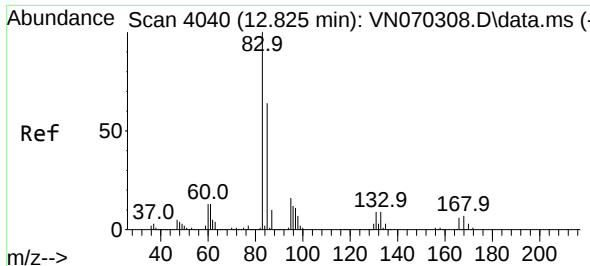


#74
N-ethyl acetate
Concen: 53.705 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



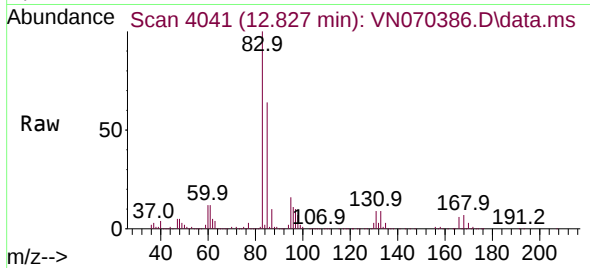
Tgt Ion: 43 Resp: 1287511
Ion Ratio Lower Upper
43 100
70 36.1 33.4 50.0
55 23.0 19.3 28.9
61 21.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.124 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

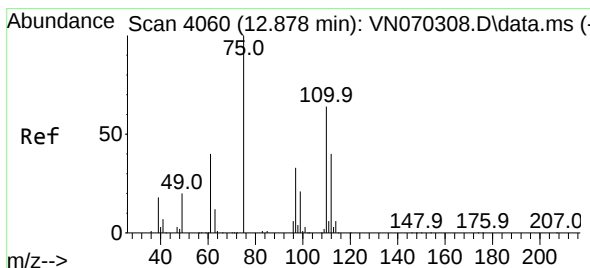
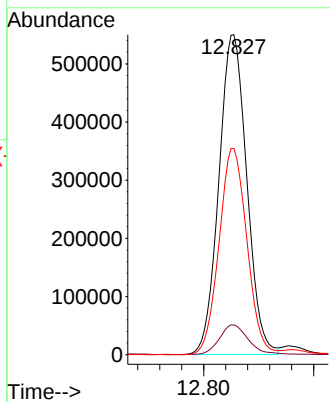
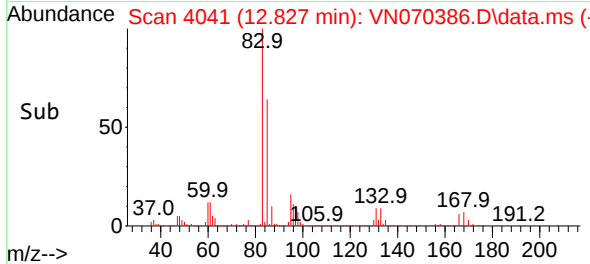
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 970272
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.3 32.4 97.2

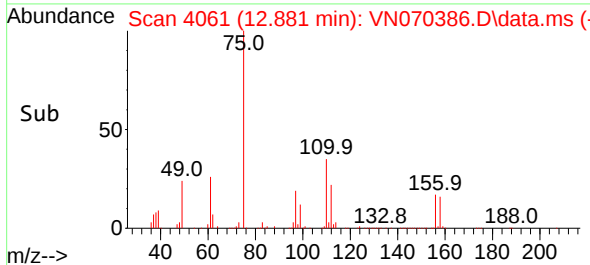
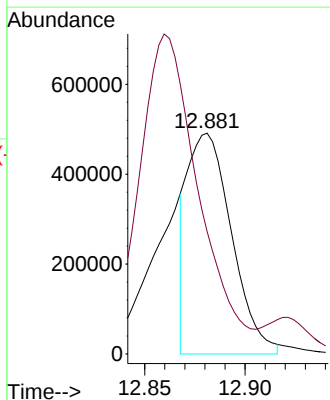
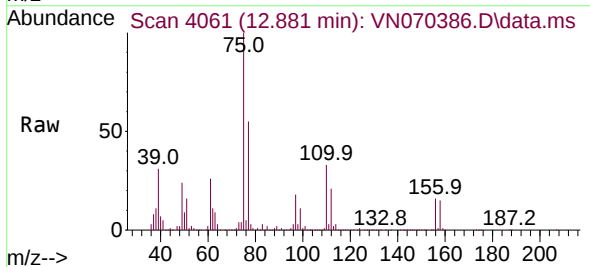
Manual Integrations
APPROVED

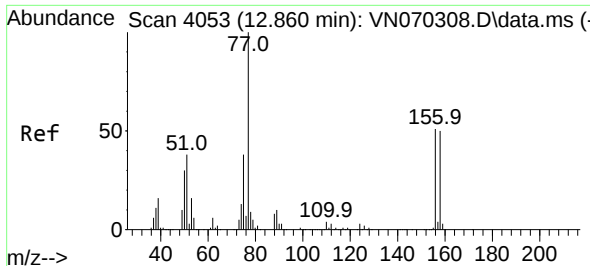
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#76
1,2,3-Trichloropropane
Concen: 41.775 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Tgt Ion: 75 Resp: 750690
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





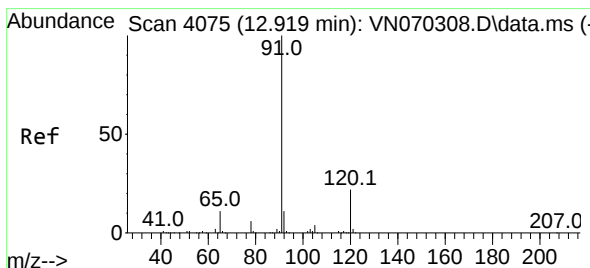
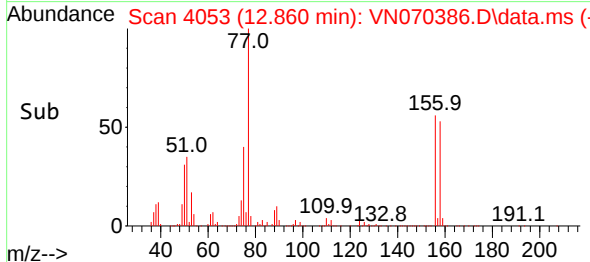
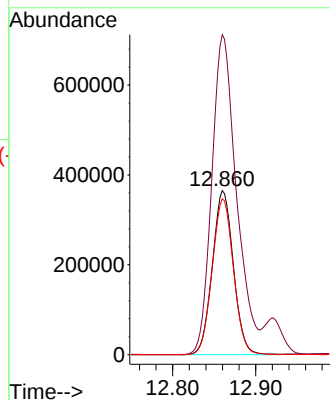
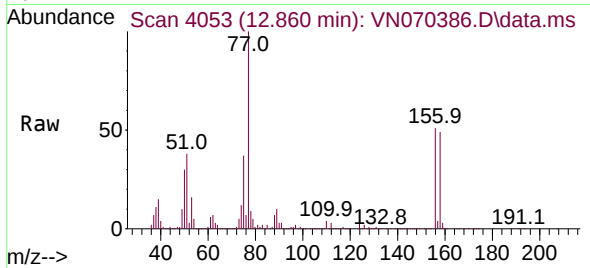
#77
Bromobenzene
Concen: 49.146 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 643329
Ion Ratio Lower Upper
156 100
77 228.0 90.6 271.8
158 95.6 48.9 146.7

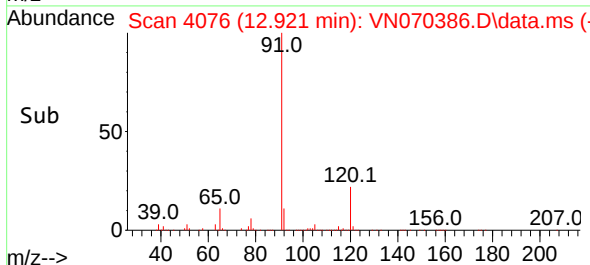
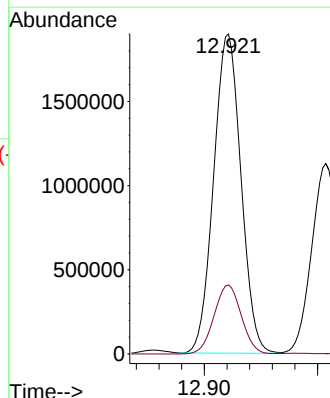
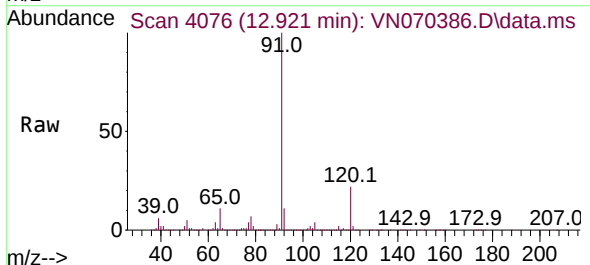
Manual Integrations
APPROVED

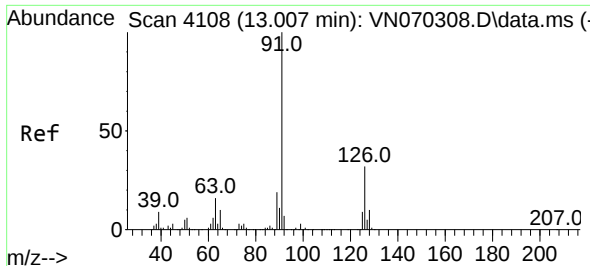
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#78
n-propylbenzene
Concen: 50.136 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

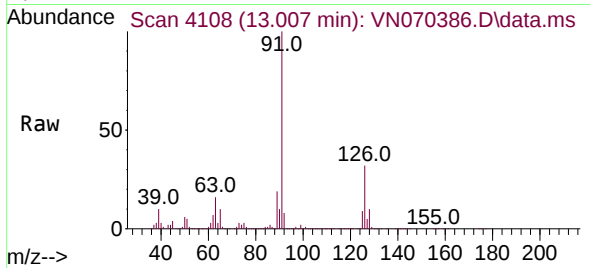
Tgt Ion: 91 Resp: 3167271
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





#79
2-Chlorotoluene
Concen: 47.780 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

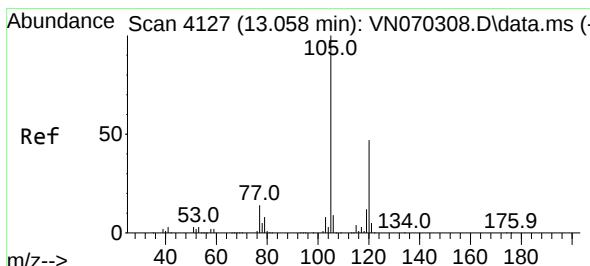
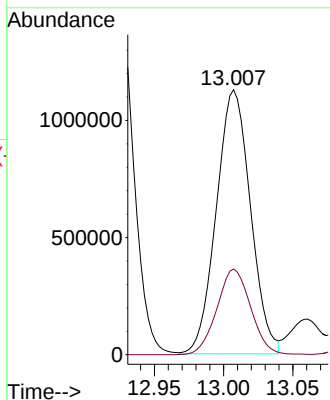
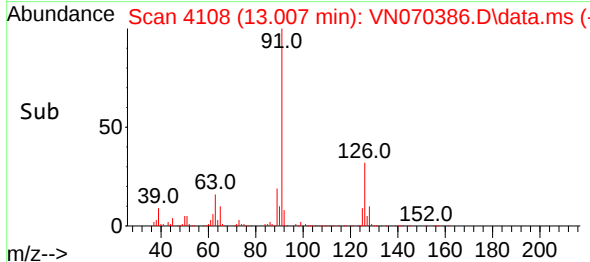
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



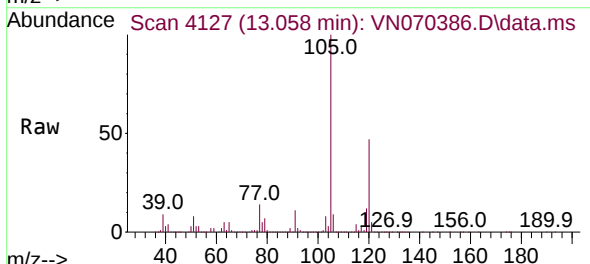
Tgt Ion: 91 Resp: 1936709
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

Manual Integrations
APPROVED

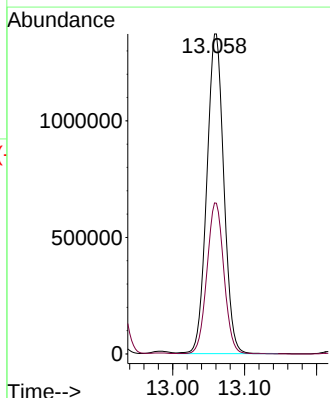
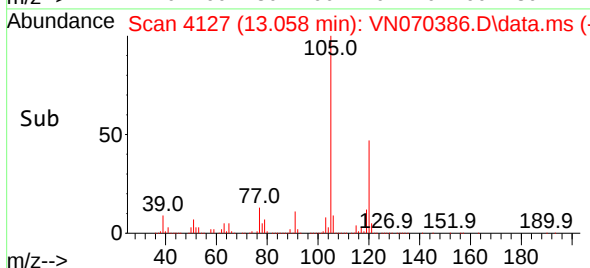
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

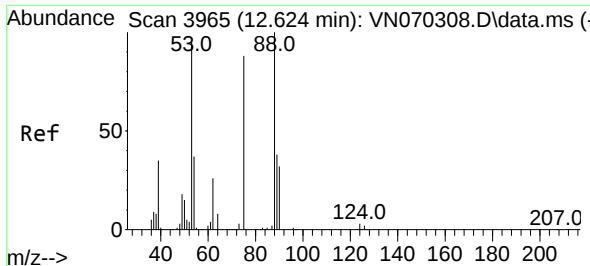


#80
1,3,5-Trimethylbenzene
Concen: 49.274 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



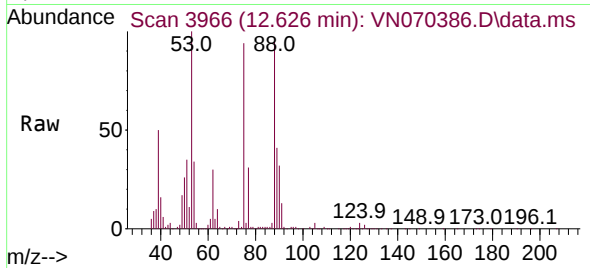
Tgt Ion:105 Resp: 2251339
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 53.142 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

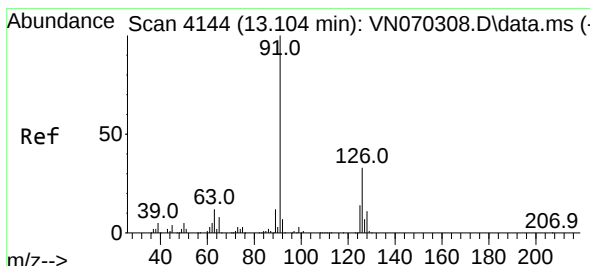
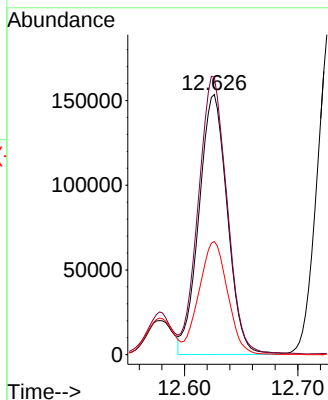
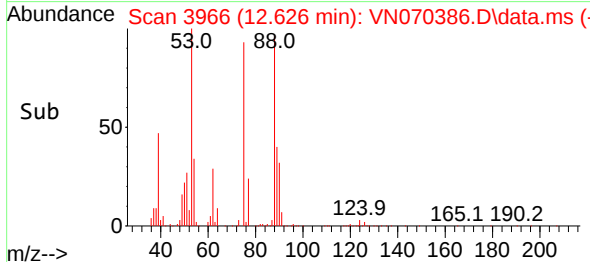
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 267050
Ion Ratio Lower Upper
75 100
53 106.7 90.5 135.7
89 43.8 38.2 57.4

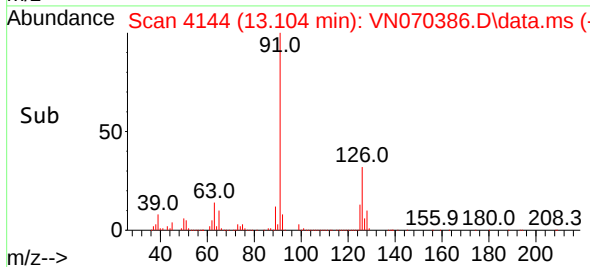
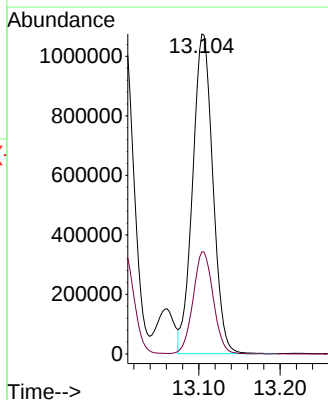
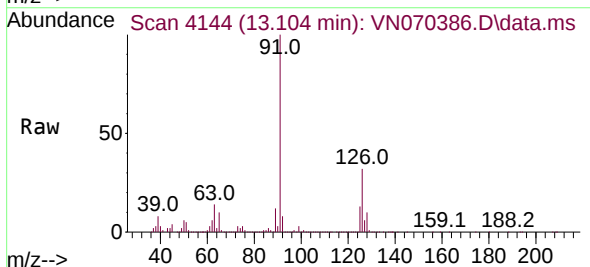
Manual Integrations
APPROVED

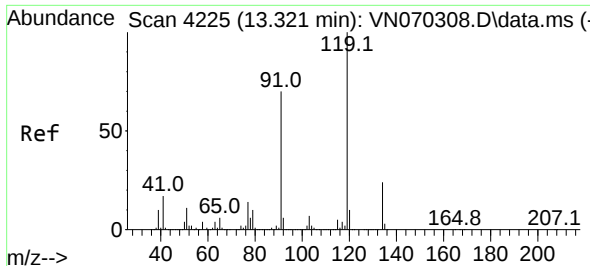
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#82
4-Chlorotoluene
Concen: 48.819 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

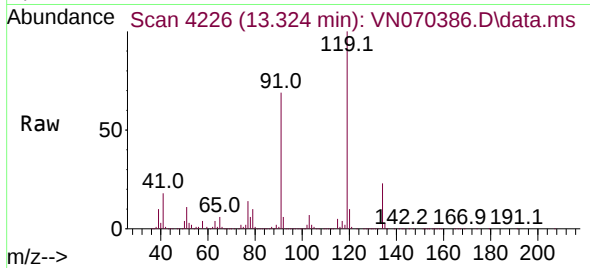
Tgt Ion: 91 Resp: 1853611
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.451 ug/l
RT: 13.324 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

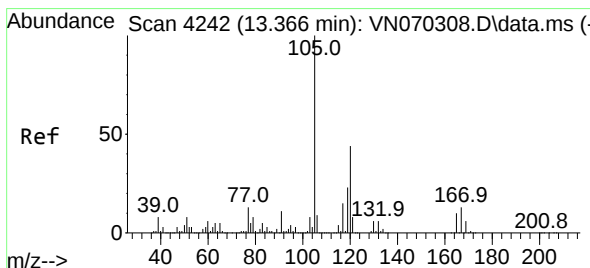
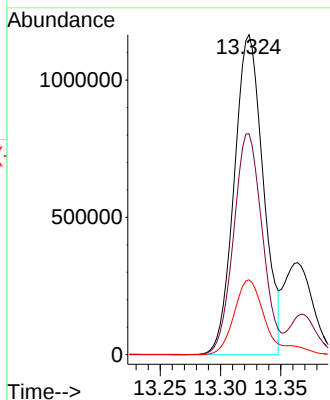
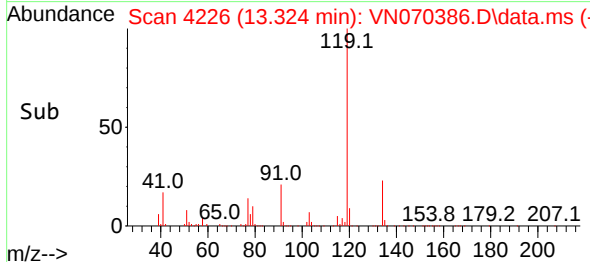
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 1949279
Ion Ratio Lower Upper
119 100
91 68.6 31.5 94.5
134 25.7 12.4 37.4

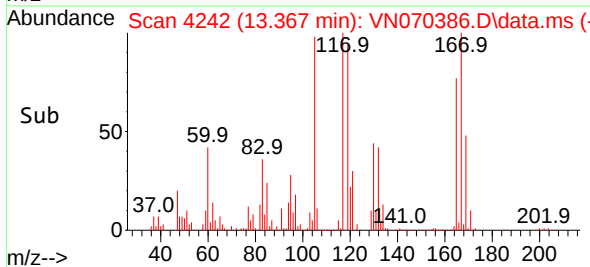
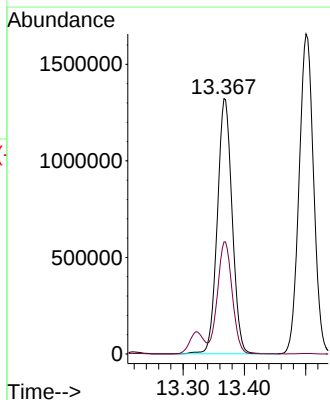
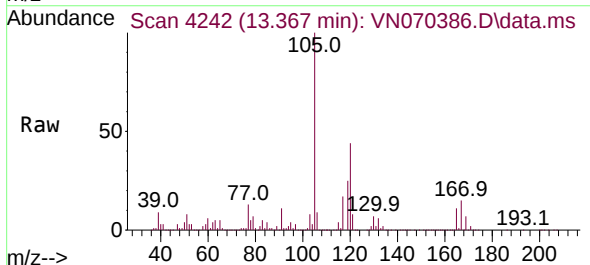
Manual Integrations
APPROVED

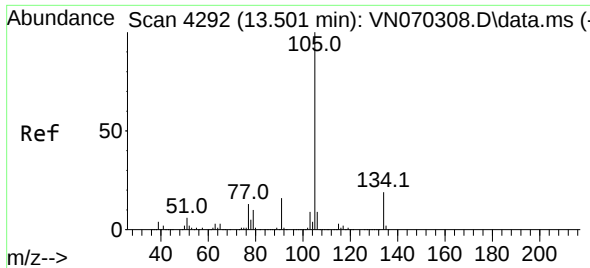
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 50.448 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

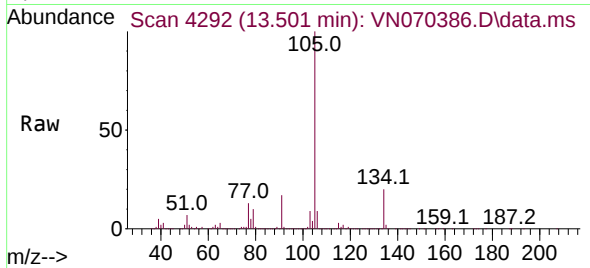
Tgt Ion:105 Resp: 2219545
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 49.768 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070386.D
 Acq: 30 Dec 2021 8:51

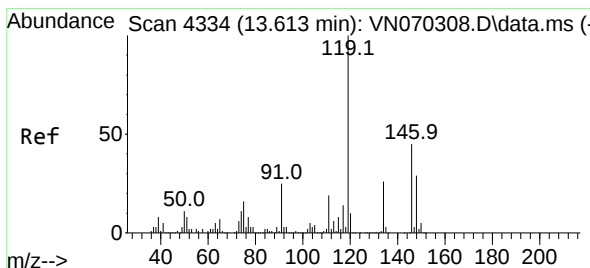
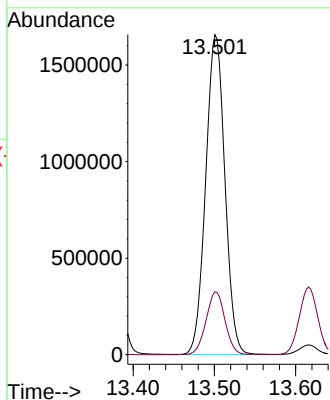
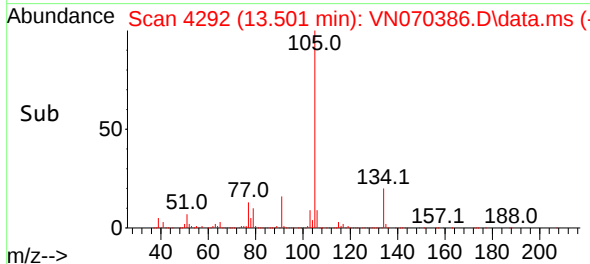
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



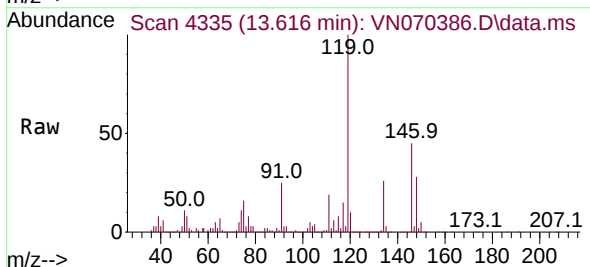
Tgt Ion:105 Resp: 271839
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
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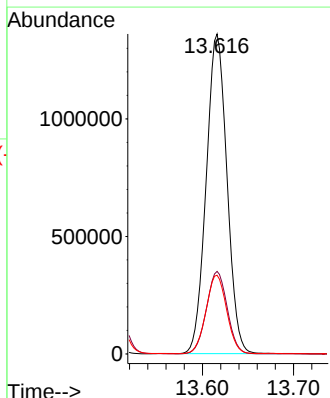
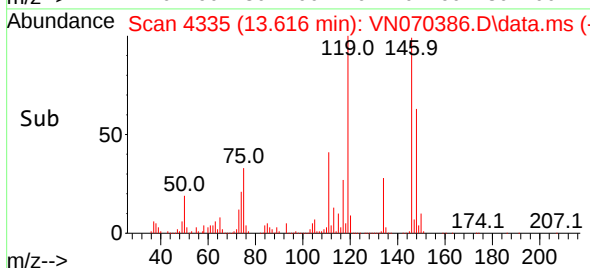
Reviewed By :John Carlone 12/30/2021
 Supervised By :Amit Patel 12/30/2021

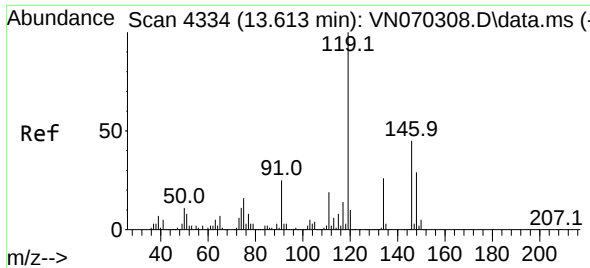


#86
 p-Isopropyltoluene
 Concen: 50.019 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070386.D
 Acq: 30 Dec 2021 8:51



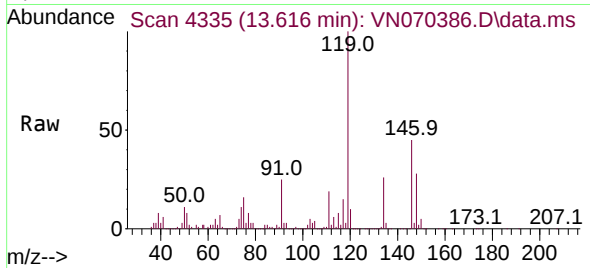
Tgt Ion:119 Resp: 2146191
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 24.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.451 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

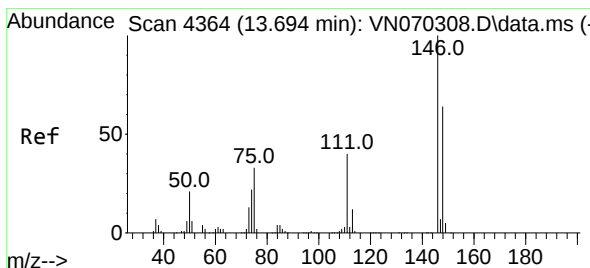
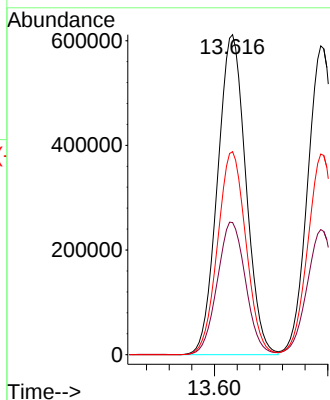
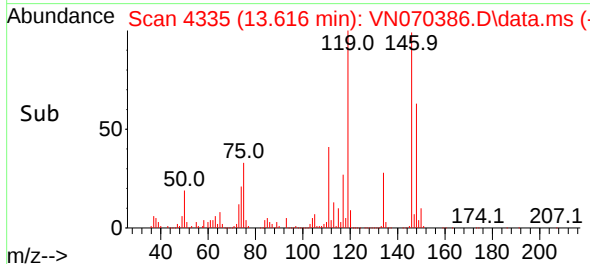
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1061722
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 63.5 31.6 95.0

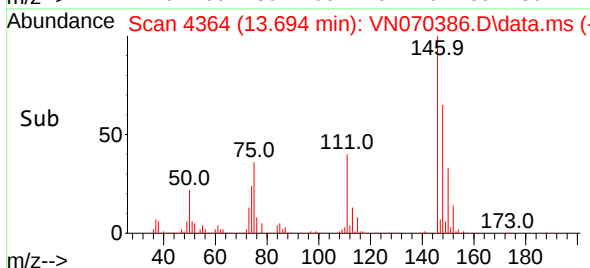
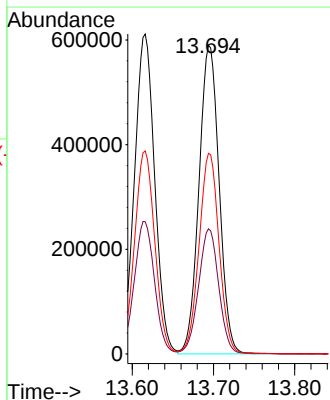
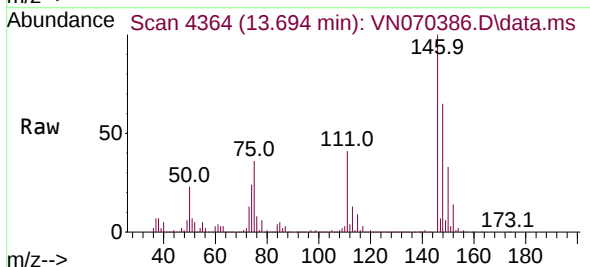
Manual Integrations
APPROVED

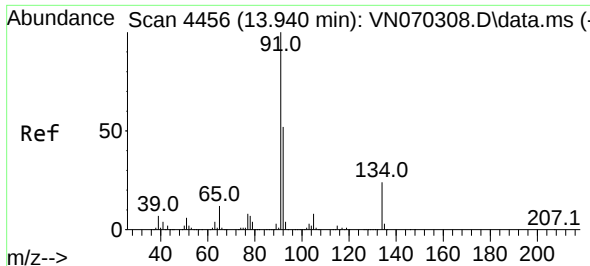
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#88
1,4-Dichlorobenzene
Concen: 47.090 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

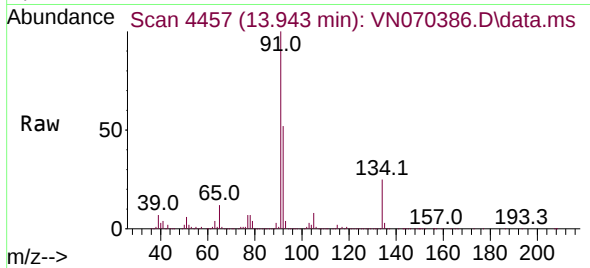
Tgt Ion:146 Resp: 1017892
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 48.771 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

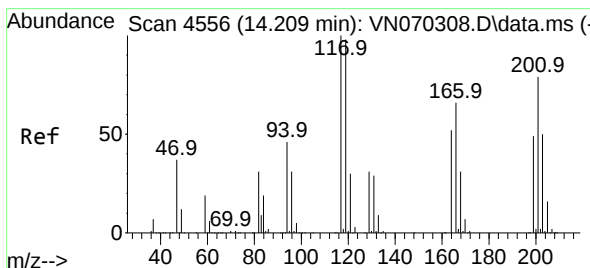
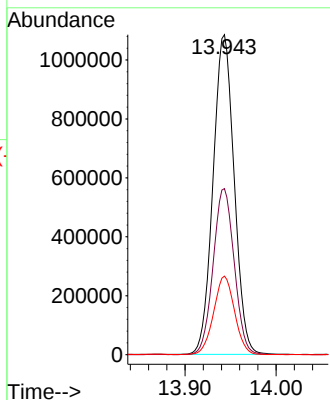
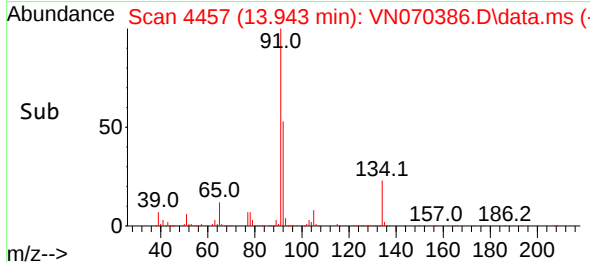
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 174548
Ion Ratio Lower Upper
91 100
92 51.9 25.4 76.0
134 24.4 13.6 40.8

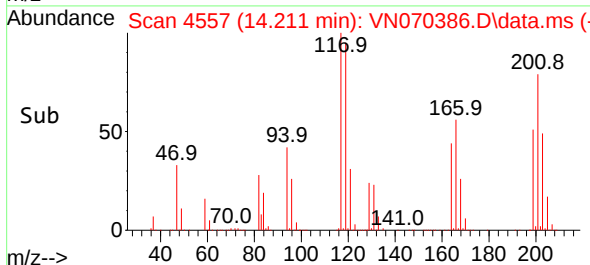
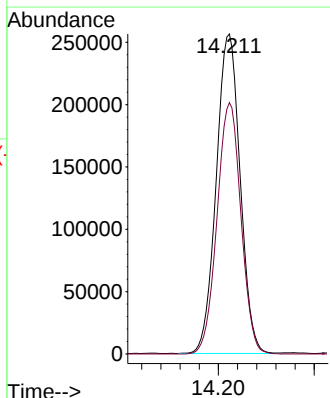
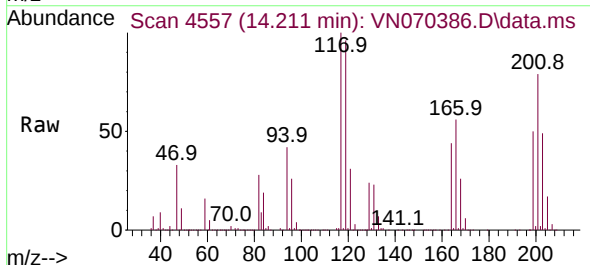
Manual Integrations
APPROVED

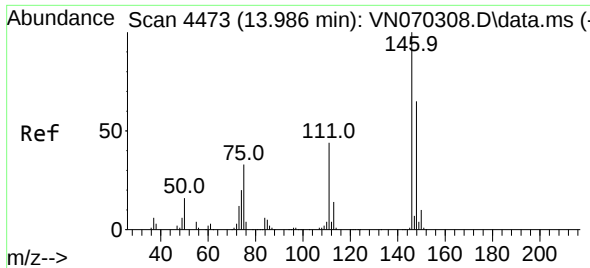
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#90
Hexachloroethane
Concen: 59.377 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

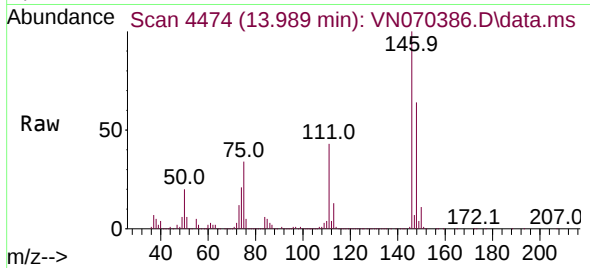
Tgt Ion:117 Resp: 442601
Ion Ratio Lower Upper
117 100
201 78.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 47.998 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

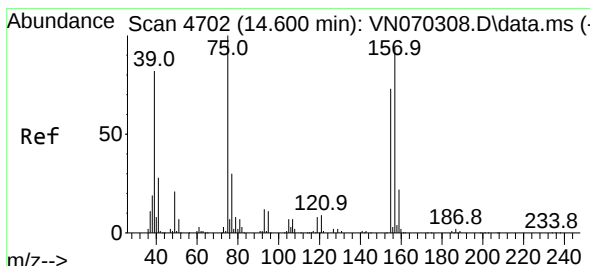
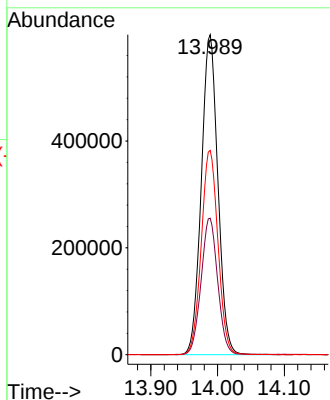
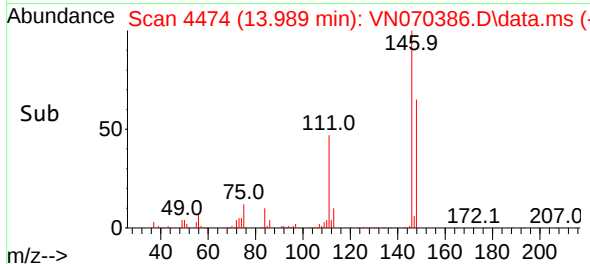
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



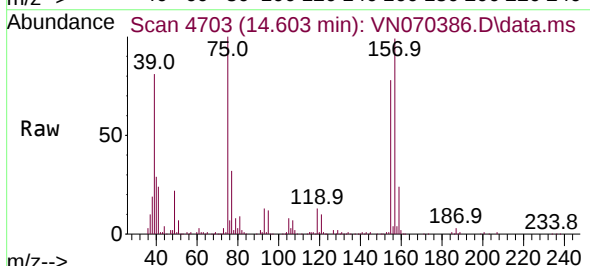
Tgt Ion:146 Resp: 1031110
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 64.5 32.1 96.3

Manual Integrations
APPROVED

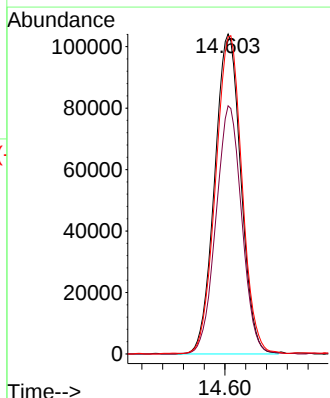
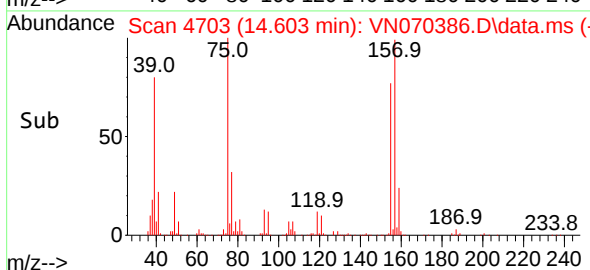
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

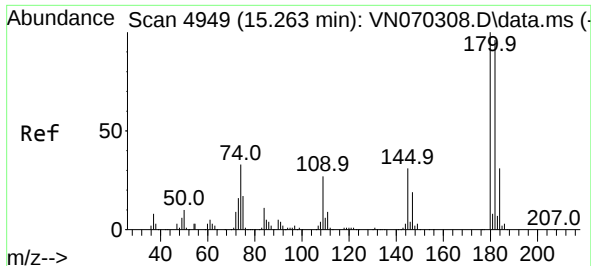


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.340 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



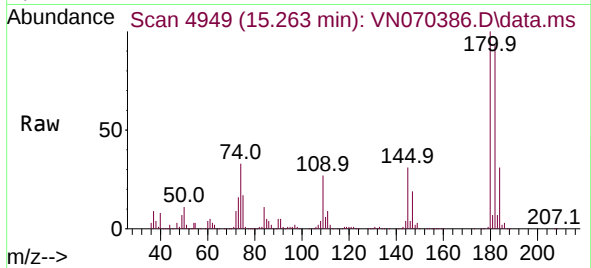
Tgt Ion: 75 Resp: 182784
Ion Ratio Lower Upper
75 100
155 76.4 46.9 140.7
157 99.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.631 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

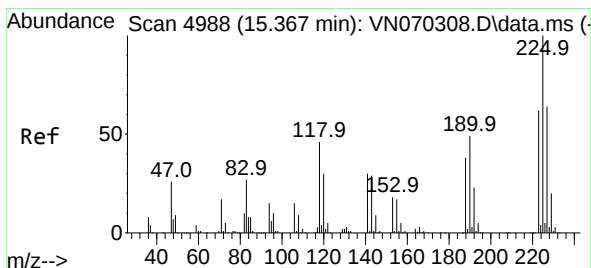
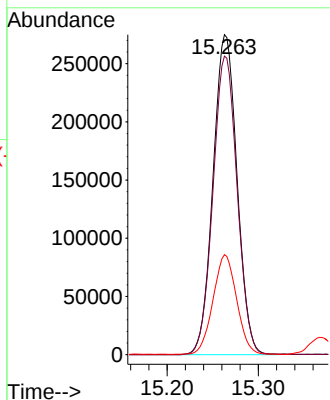
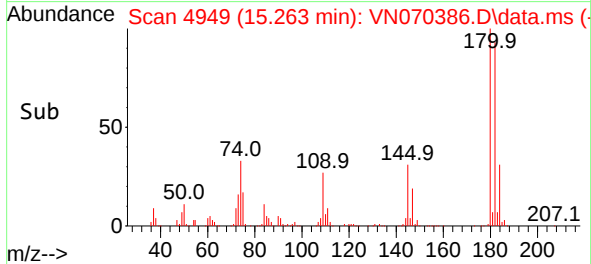
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



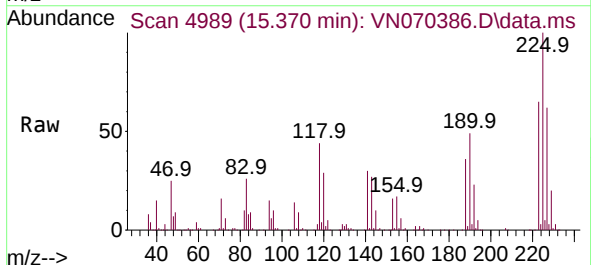
Tgt Ion:180 Resp: 502364
Ion Ratio Lower Upper
180 100
182 94.0 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
APPROVED

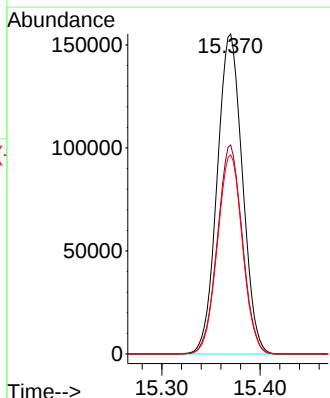
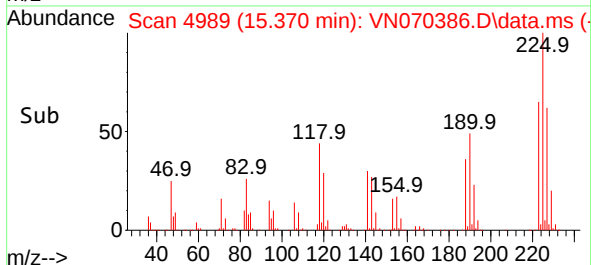
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

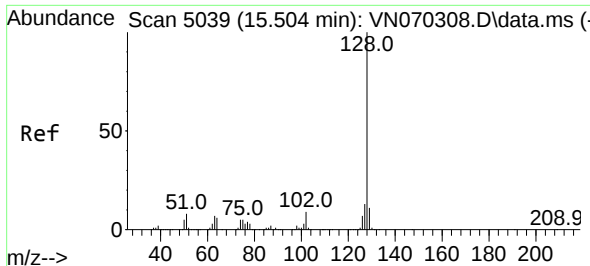


#94
Hexachlorobutadiene
Concen: 47.167 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



Tgt Ion:225 Resp: 277470
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.7
227 61.8 32.1 96.3





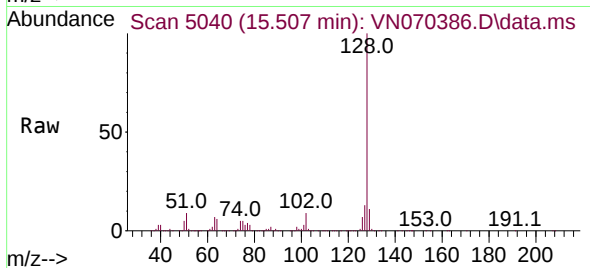
#95
Naphthalene
Concen: 53.833 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

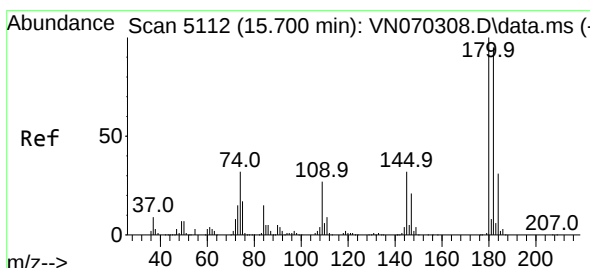
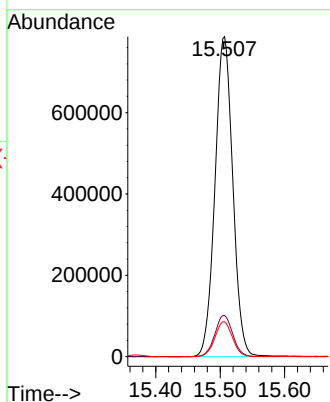
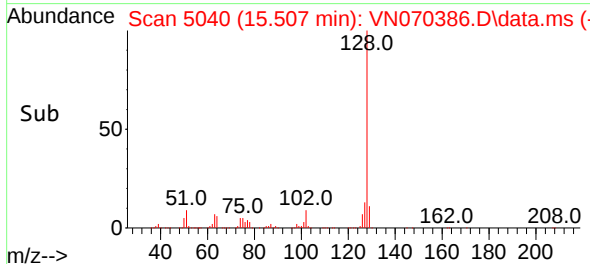


Tgt Ion:128 Resp: 150994
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

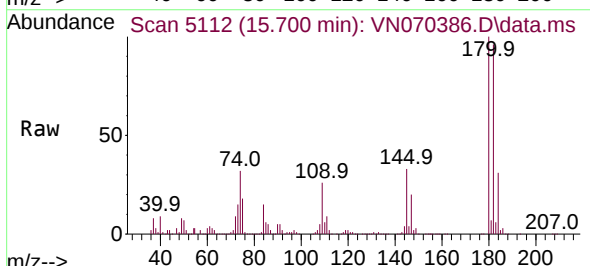
Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 51.507 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070386.D
Acq: 30 Dec 2021 8:51



Tgt Ion:180 Resp: 498938
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 32.7 15.0 45.1

