

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070612.D
 Acq On : 13 Jan 2022 17:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 14 04:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	868996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1405974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1351734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	581540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	588988	47.140	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.280%			
35) Dibromofluoromethane	8.019	113	435823	51.232	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.460%			
50) Toluene-d8	10.438	98	1752605	50.433	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.728	95	687215	54.752	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	404917	41.088	ug/l	99
3) Chloromethane	2.301	50	579192	43.205	ug/l	100
4) Vinyl Chloride	2.446	62	527751	43.239	ug/l	98
5) Bromomethane	2.829	94	290296	46.081	ug/l	99
6) Chloroethane	3.006	64	351731	47.853	ug/l	100
7) Trichlorofluoromethane	3.371	101	704813	47.977	ug/l	98
8) Diethyl Ether	3.821	74	313713	48.442	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	436331	48.561	ug/l	94
10) Methyl Iodide	4.417	142	565652	46.517	ug/l	98
11) Tert butyl alcohol	5.382	59	559443	268.912	ug/l	98
12) 1,1-Dichloroethene	4.175	96	407574	46.052	ug/l	92
13) Acrolein	4.039	56	406803	240.996	ug/l	98
14) Allyl chloride	4.835	41	998360	49.754	ug/l #	83
15) Acrylonitrile	5.551	53	1745301	268.840	ug/l	99
16) Acetone	4.283	43	1652839	203.781	ug/l	98
17) Carbon Disulfide	4.524	76	1018336	42.153	ug/l	100
18) Methyl Acetate	4.851	43	1214210	51.752	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	1666515	50.704	ug/l	93
20) Methylene Chloride	5.090	84	519440	46.288	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	442406	47.211	ug/l	87
22) Diisopropyl ether	6.493	45	2026923	51.862	ug/l #	91
23) Vinyl Acetate	6.428	43	7862766	259.297	ug/l	95
24) 1,1-Dichloroethane	6.383	63	983247	48.519	ug/l	98
25) 2-Butanone	7.332	43	2505271	245.312	ug/l	92
26) 2,2-Dichloropropane	7.321	77	743816	46.527	ug/l	98
27) cis-1,2-Dichloroethene	7.321	96	543881	48.642	ug/l	86
28) Bromochloromethane	7.654	49	511604	51.621	ug/l #	76
29) Tetrahydrofuran	7.681	42	1604721	263.363	ug/l	87
30) Chloroform	7.815	83	943368	48.253	ug/l	99
31) Cyclohexane	8.094	56	911329	46.221	ug/l	85
32) 1,1,1-Trichloroethane	8.011	97	768754	46.636	ug/l	96
36) 1,1-Dichloropropene	8.220	75	690891	49.095	ug/l	96
37) Ethyl Acetate	7.410	43	953353	52.264	ug/l	97
38) Carbon Tetrachloride	8.204	117	628474	46.769	ug/l	99
39) Methylcyclohexane	9.456	83	841744	49.407	ug/l	88
40) Benzene	8.459	78	2152447	49.891	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	493411	54.080	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	763364	47.073	ug/l	100
43) Isopropyl Acetate	8.558	43	1494555	51.968	ug/l	96
44) Trichloroethene	9.212	130	497531	48.534	ug/l	92
45) 1,2-Dichloropropane	9.488	63	610366	52.544	ug/l	99
46) Dibromomethane	9.574	93	359321	49.745	ug/l	94
47) Bromodichloromethane	9.759	83	732672	51.084	ug/l	99
48) Methyl methacrylate	9.558	41	746433	54.413	ug/l #	80
49) 1,4-Dioxane	9.569	88	240273	1196.551	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	5024407	278.035	ug/l	97
52) Toluene	10.505	92	1341992	51.389	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	836116	53.850	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	903870	53.814	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	541888	52.445	ug/l	98
56) Ethyl methacrylate	10.760	69	957178	56.065	ug/l	88
57) 1,3-Dichloropropane	11.044	76	956797	52.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1656778	370.299	ug/l	90
59) 2-Hexanone	11.084	43	3671682	278.615	ug/l	96
60) Dibromochloromethane	11.237	129	529894	52.563	ug/l	99
61) 1,2-Dibromoethane	11.344	107	545327	51.979	ug/l	99
64) Tetrachloroethene	10.974	164	440288	44.980	ug/l	97
65) Chlorobenzene	11.768	112	1416869	49.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	505503	49.370	ug/l	99
67) Ethyl Benzene	11.843	91	2664919	50.712	ug/l	96
68) m/p-Xylenes	11.950	106	1971555	103.069	ug/l	92
69) o-Xylene	12.280	106	984500	51.744	ug/l	92
70) Styrene	12.291	104	1658612	55.079	ug/l	96
71) Bromoform	12.457	173	405930	53.419	ug/l #	100
73) Isopropylbenzene	12.578	105	2614704	48.416	ug/l	97
74) N-amyl acetate	12.388	43	1151720	50.721	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	845794	47.531	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	704400m	41.411	ug/l	
77) Bromobenzene	12.860	156	591299	47.691	ug/l	76
78) n-propylbenzene	12.919	91	3042745	50.851	ug/l	96
79) 2-Chlorotoluene	13.004	91	1846050	48.084	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2141613	49.487	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	260599	54.750	ug/l	93
82) 4-Chlorotoluene	13.104	91	1781633	49.541	ug/l	92
83) tert-Butylbenzene	13.321	119	1849405	48.532	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2093325	50.233	ug/l	97
85) sec-Butylbenzene	13.501	105	2638327	50.996	ug/l	97
86) p-Isopropyltoluene	13.613	119	2106035	51.821	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1009446	48.635	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	971456	47.449	ug/l	97
89) n-Butylbenzene	13.940	91	1794261	52.931	ug/l	97
90) Hexachloroethane	14.209	117	359954	50.983	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	970928	47.718	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	150279	48.036	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	522429	54.492	ug/l	98
94) Hexachlorobutadiene	15.370	225	303517	54.472	ug/l	99
95) Naphthalene	15.504	128	1376504	51.880	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	507313	55.232	ug/l	99

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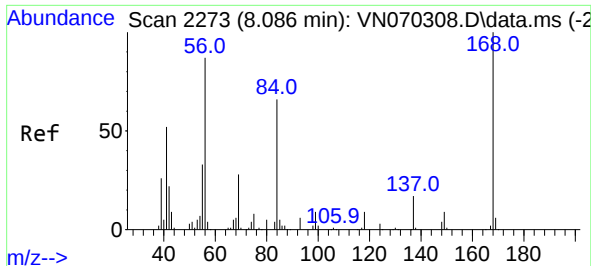
Manual Integrations
APPROVED

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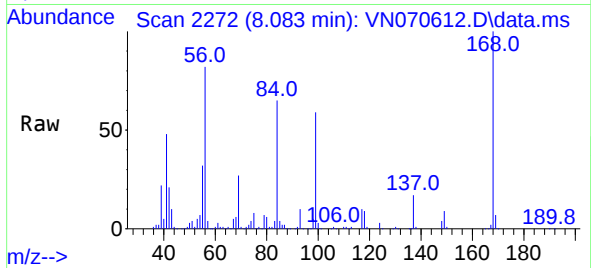
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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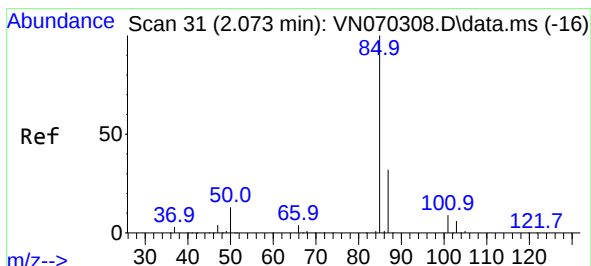
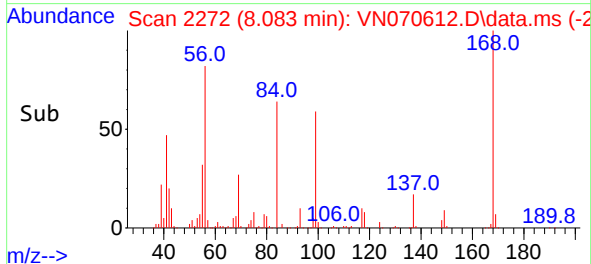
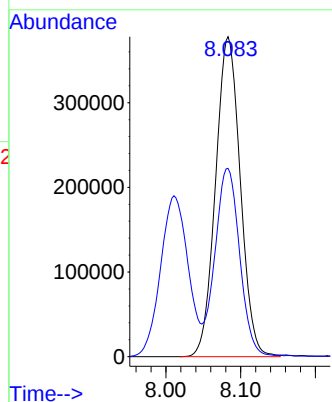
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 868990
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9

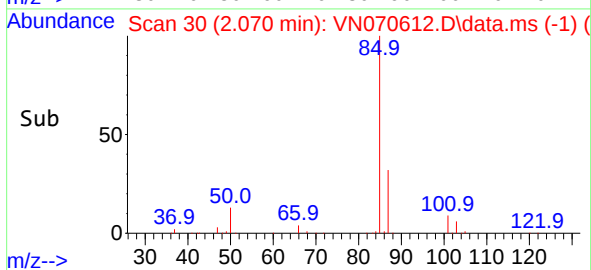
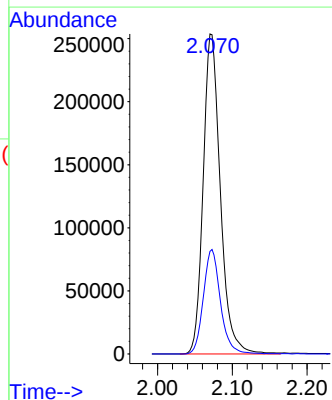
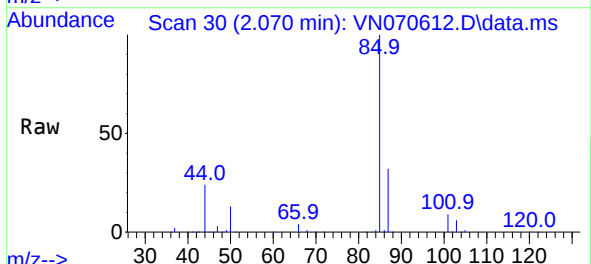
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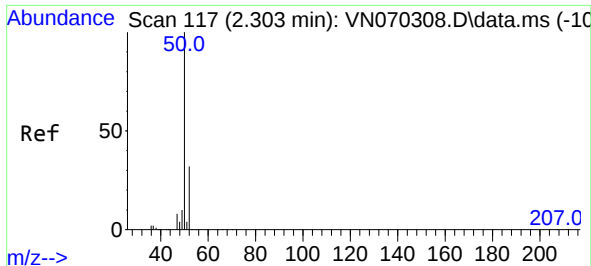
Reviewed By :John Carlone 01/14/2022
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#2
Dichlorodifluoromethane
Concen: 41.088 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

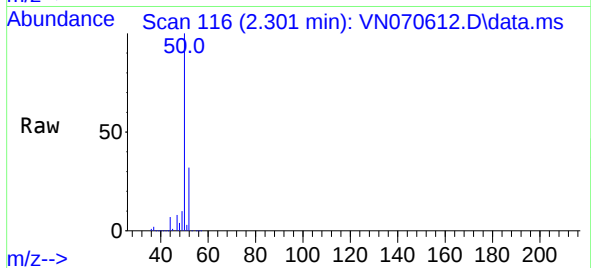
Tgt Ion: 85 Resp: 404917
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 43.205 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

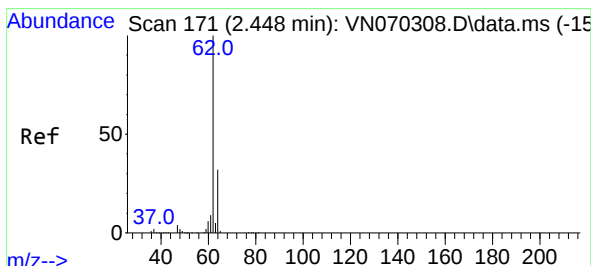
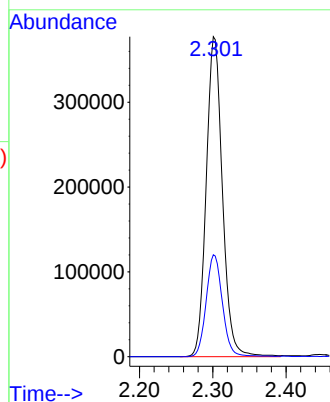
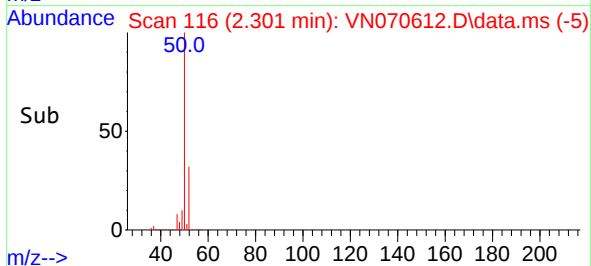
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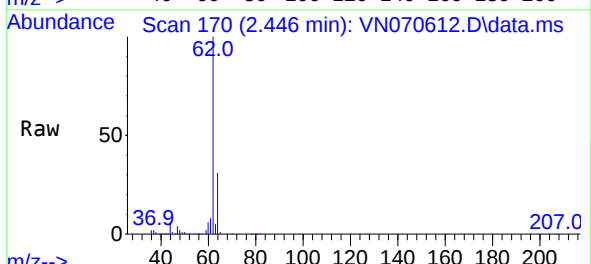
Tgt Ion: 50 Resp: 579192
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

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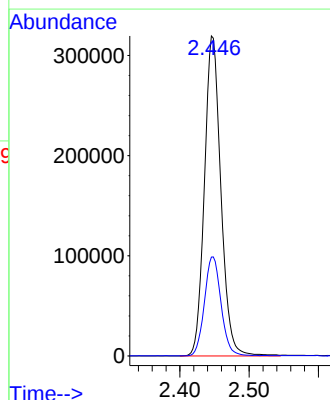
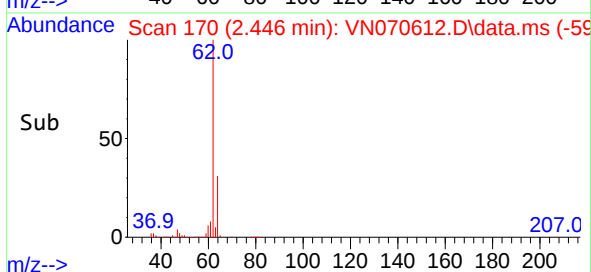
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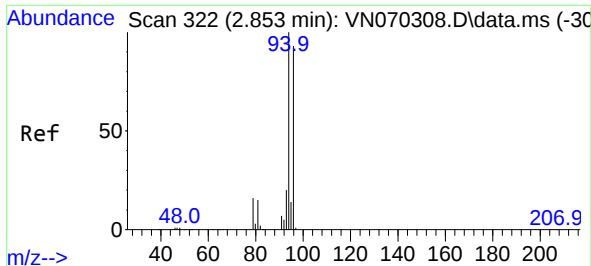


#4
Vinyl Chloride
Concen: 43.239 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



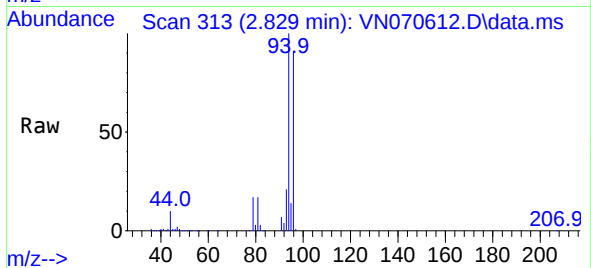
Tgt Ion: 62 Resp: 527751
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6





#5
Bromomethane
Concen: 46.081 ug/l
RT: 2.829 min Scan# 313
Delta R.T. -0.024 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

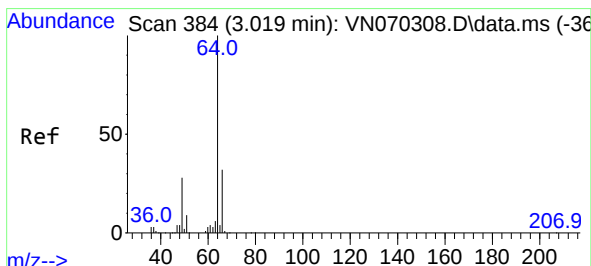
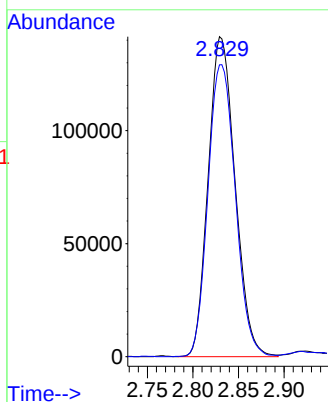
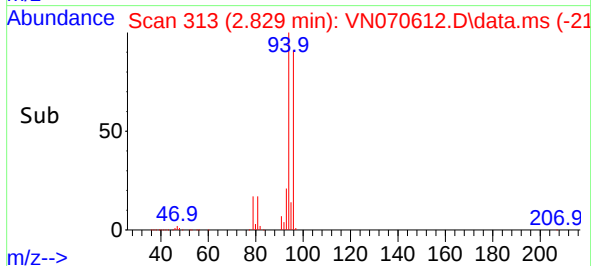
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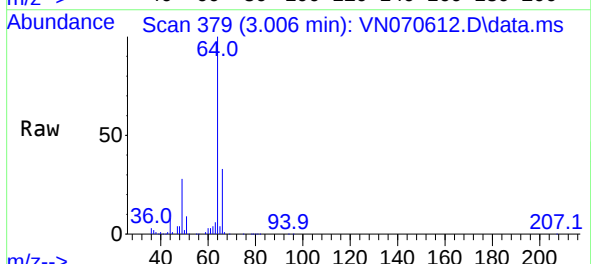
Tgt Ion: 94 Resp: 290290
Ion Ratio Lower Upper
94 100
96 91.1 73.8 110.8

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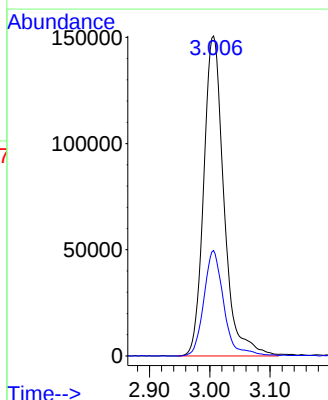
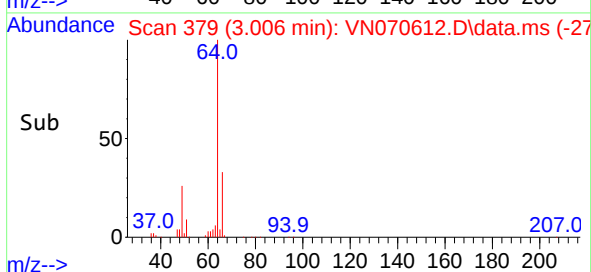
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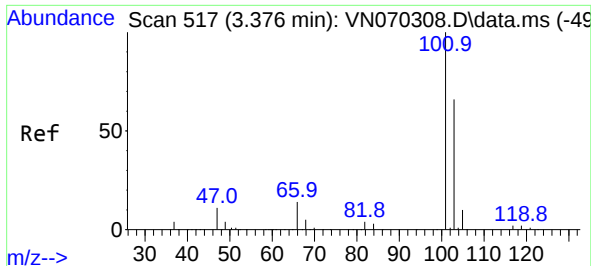


#6
Chloroethane
Concen: 47.853 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.013 min
Lab File: VN070612.D
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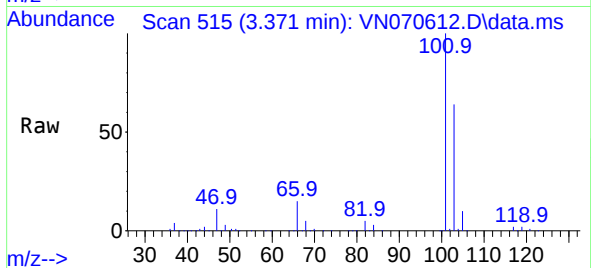
Tgt Ion: 64 Resp: 351731
Ion Ratio Lower Upper
64 100
66 33.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 47.977 ug/l
RT: 3.371 min Scan# 517
Delta R.T. -0.005 min
Lab File: VN070612.D
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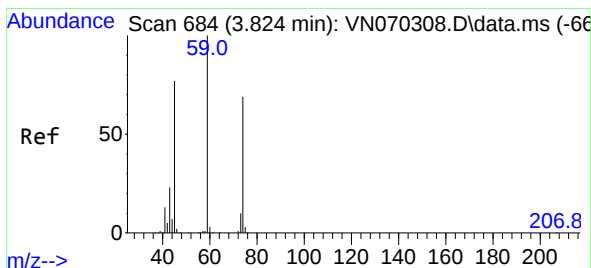
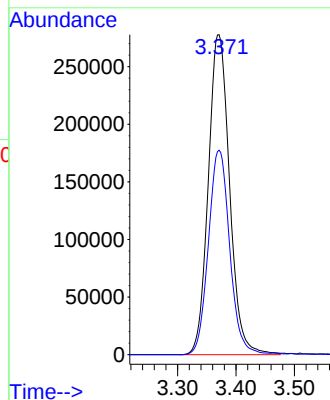
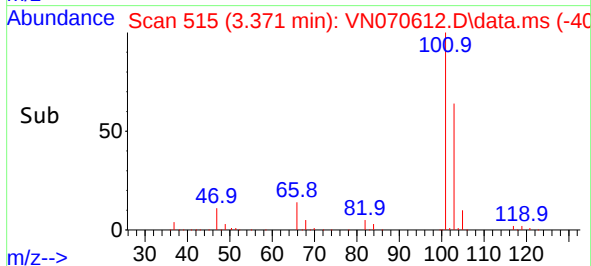
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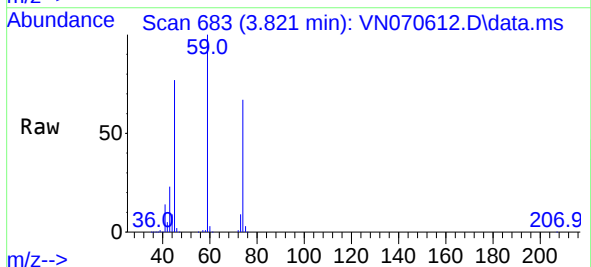
Tgt Ion:101 Resp: 70481
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

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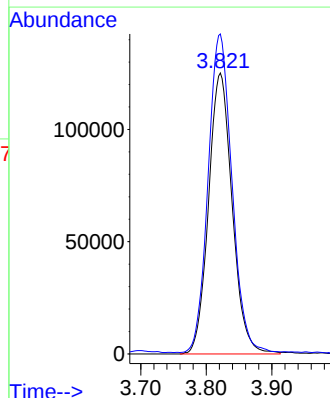
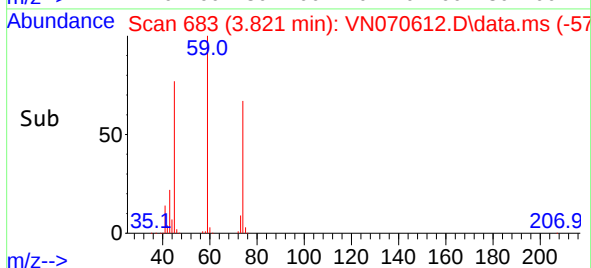
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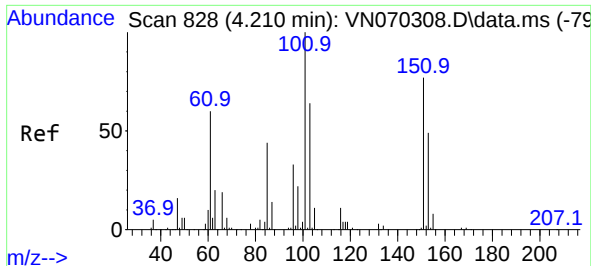


#8
Diethyl Ether
Concen: 48.442 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.003 min
Lab File: VN070612.D
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Tgt Ion: 74 Resp: 313713
Ion Ratio Lower Upper
74 100
45 113.7 47.0 141.2





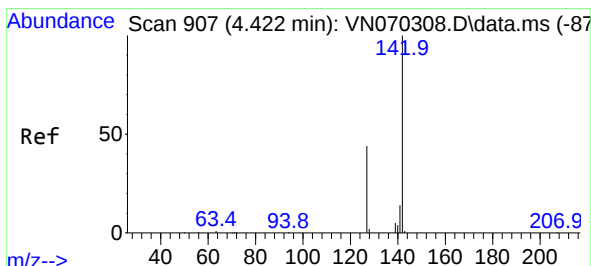
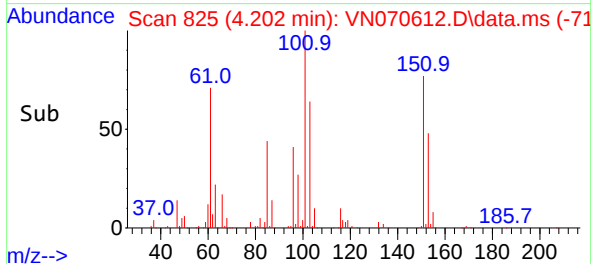
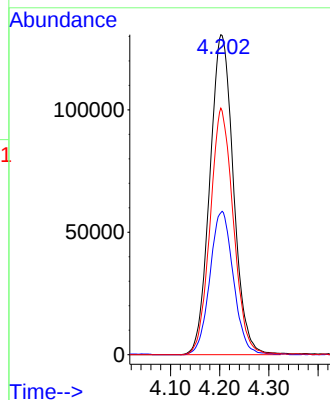
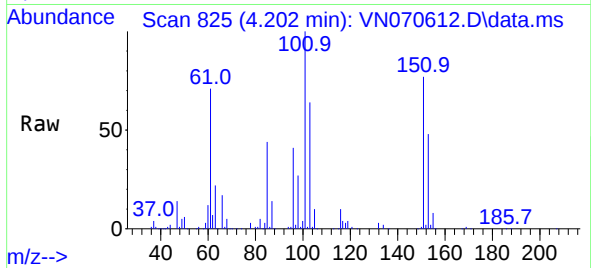
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.561 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.008 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 43633
Ion Ratio Lower Upper
101 100
85 44.6 37.2 55.8
151 75.6 65.9 98.9

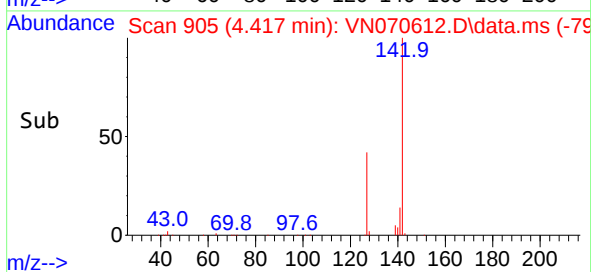
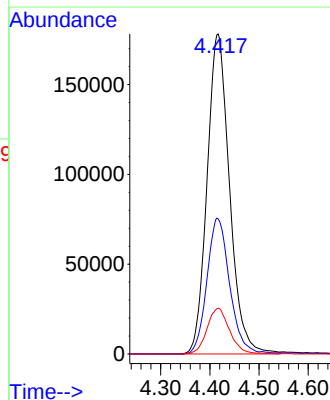
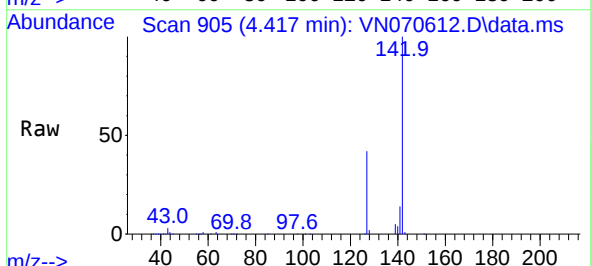
Manual Integrations
APPROVED

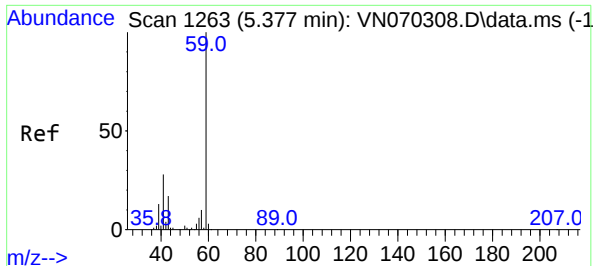
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#10
Methyl Iodide
Concen: 46.517 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.005 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Tgt Ion:142 Resp: 565652
Ion Ratio Lower Upper
142 100
127 42.6 35.4 53.0
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 268.912 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070612.D

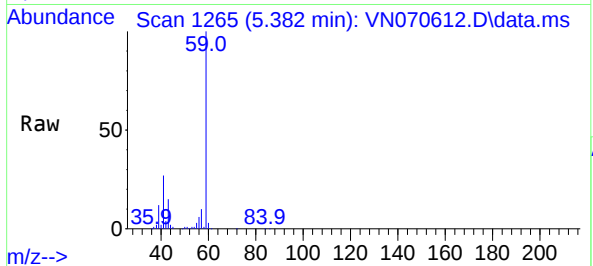
Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 55944

Ion Ratio Lower Upper

59 100

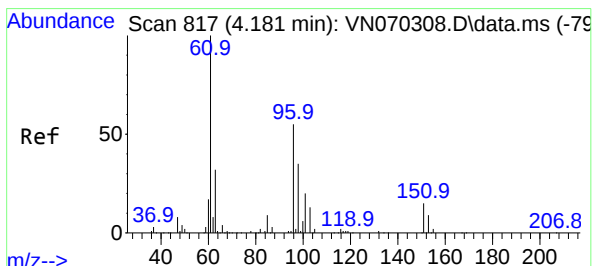
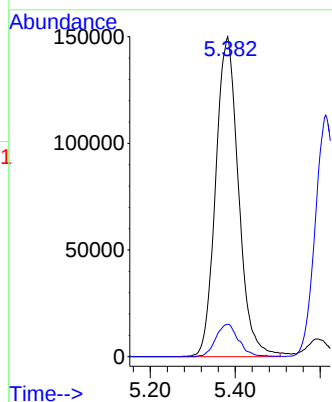
57 10.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#12

1,1-Dichloroethene

Concen: 46.052 ug/l

RT: 4.175 min Scan# 815

Delta R.T. -0.006 min

Lab File: VN070612.D

Acq: 13 Jan 2022 17:16

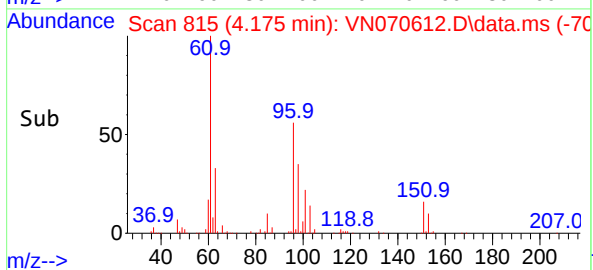
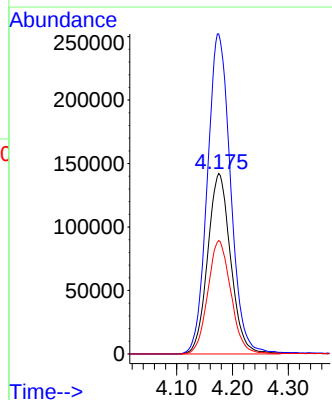
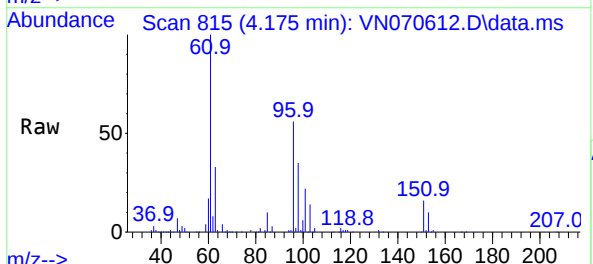
Tgt Ion: 96 Resp: 407574

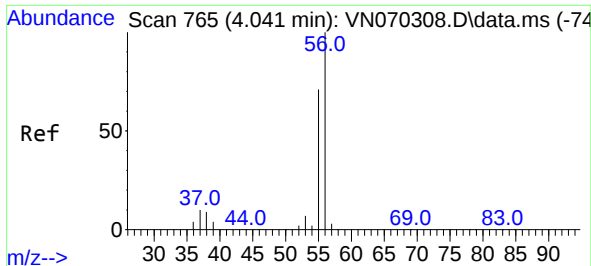
Ion Ratio Lower Upper

96 100

61 177.1 131.0 196.6

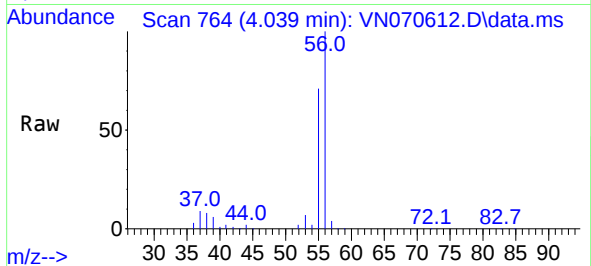
98 62.9 52.4 78.6





#13
Acrolein
Concen: 240.996 ug/l
RT: 4.039 min Scan# 70
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

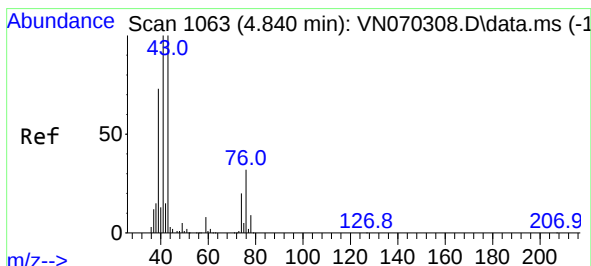
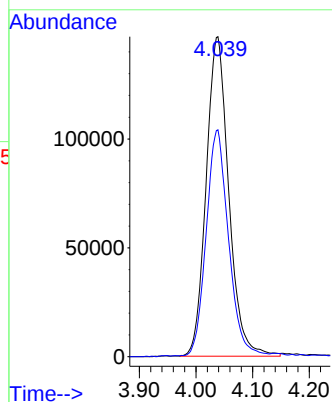
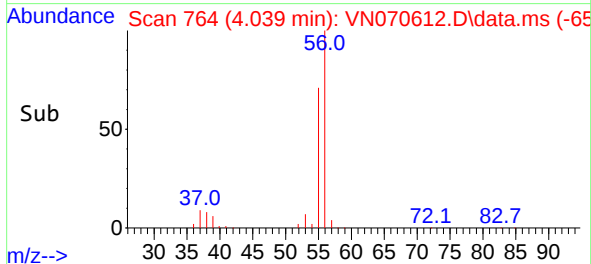
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



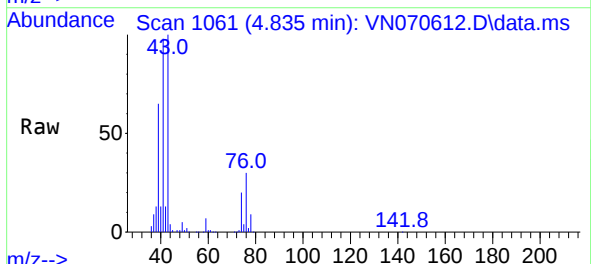
Tgt Ion: 56 Resp: 40680
Ion Ratio Lower Upper
56 100
55 69.4 56.6 85.0

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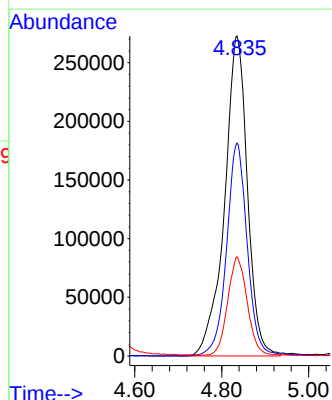
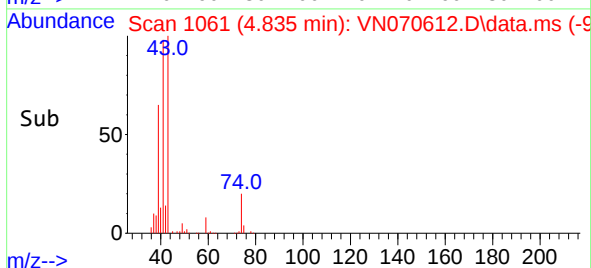
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

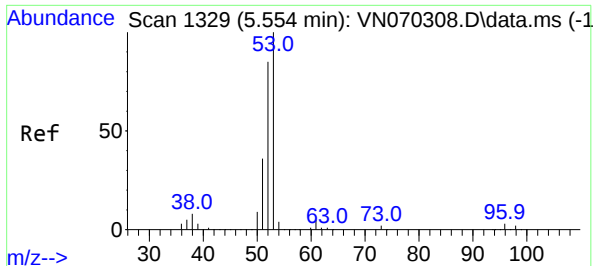


#14
Allyl chloride
Concen: 49.754 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.005 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



Tgt Ion: 41 Resp: 998360
Ion Ratio Lower Upper
41 100
39 60.0 61.2 91.8#
76 26.0 26.0 39.0#





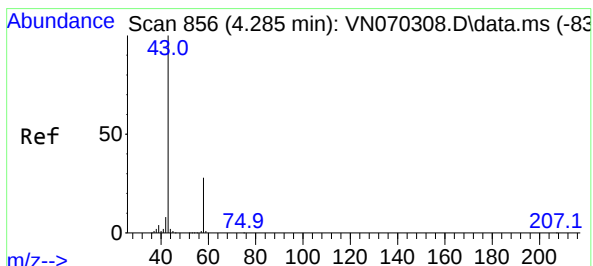
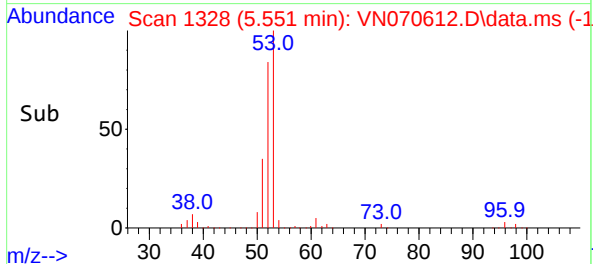
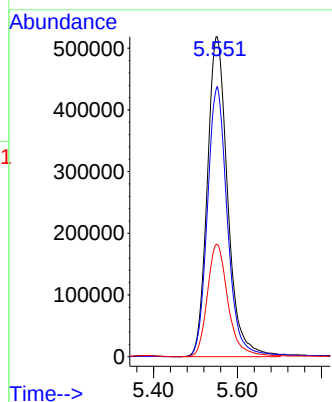
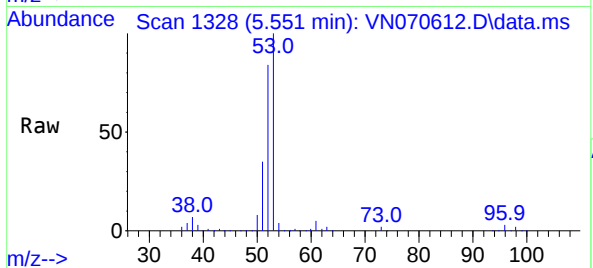
#15
Acrylonitrile
Concen: 268.840 ug/l
RT: 5.551 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 174530
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 35.7 29.6 44.4

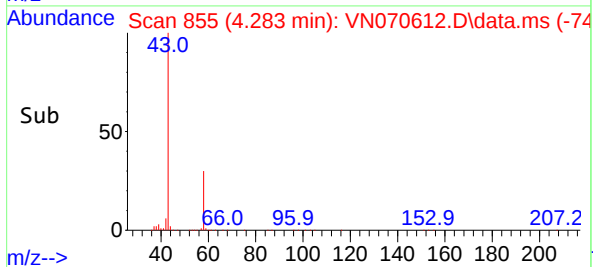
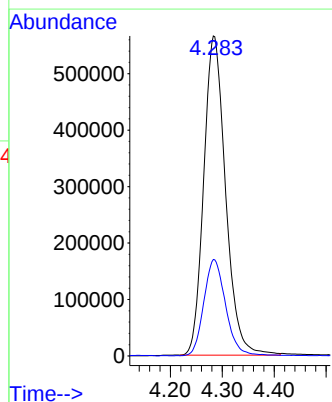
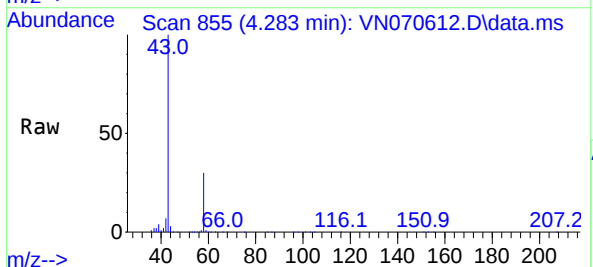
Manual Integrations
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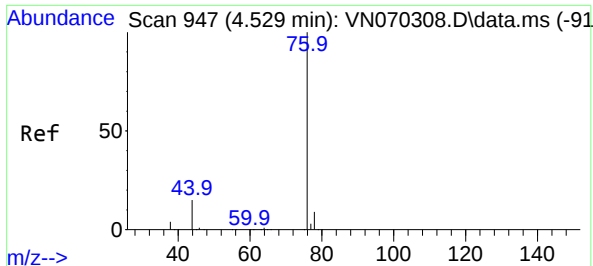
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#16
Acetone
Concen: 203.781 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

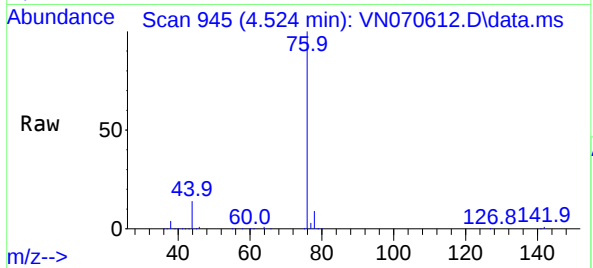
Tgt Ion: 43 Resp: 1652839
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7





#17
Carbon Disulfide
Concen: 42.153 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

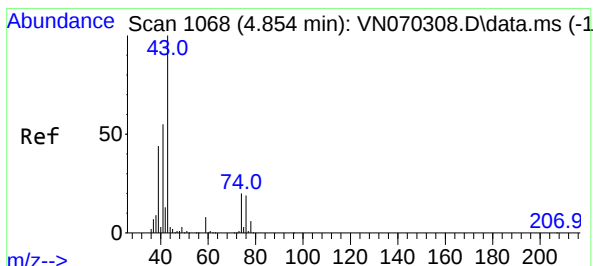
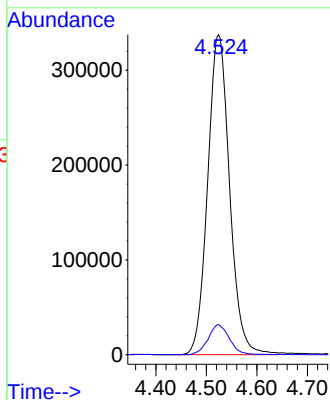
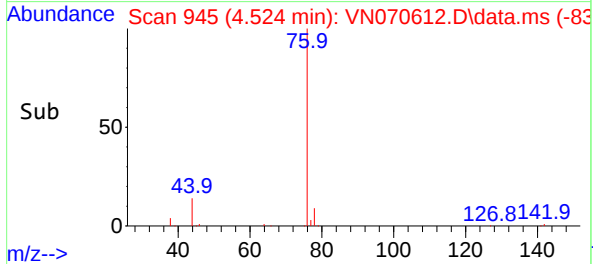
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



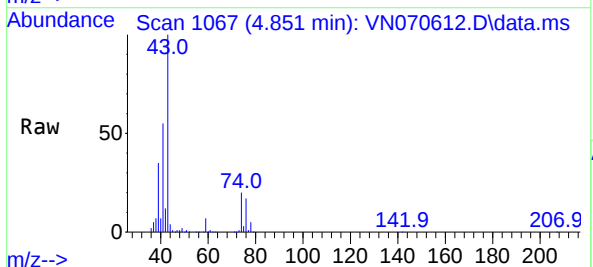
Tgt Ion: 76 Resp: 1018330
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
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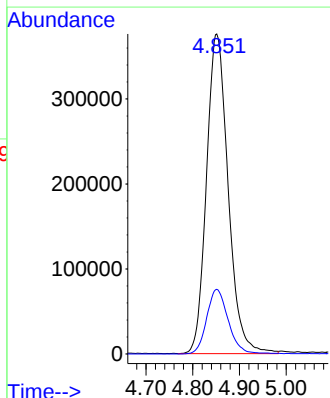
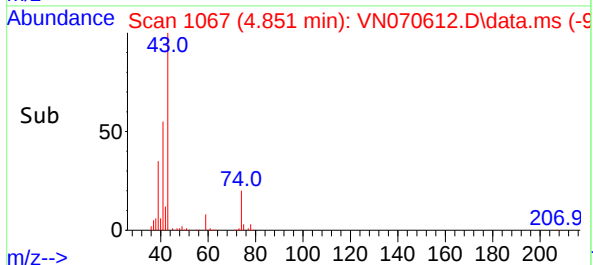
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

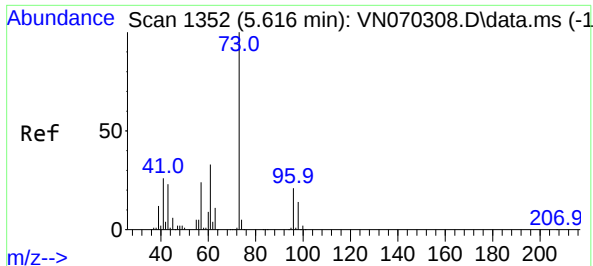


#18
Methyl Acetate
Concen: 51.752 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



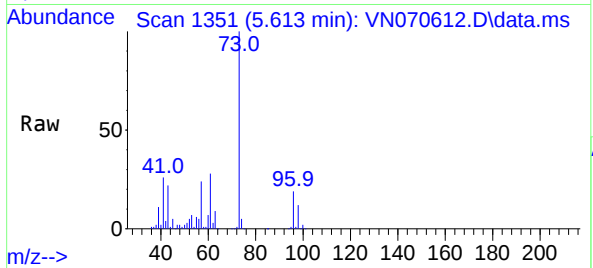
Tgt Ion: 43 Resp: 1214210
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.704 ug/l
RT: 5.613 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

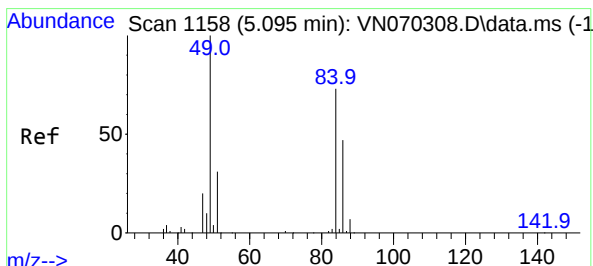
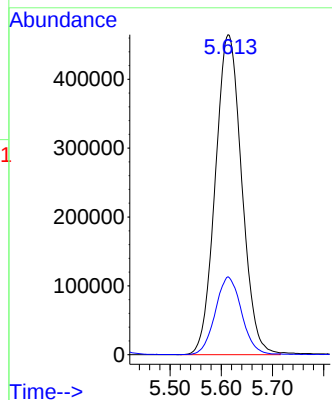
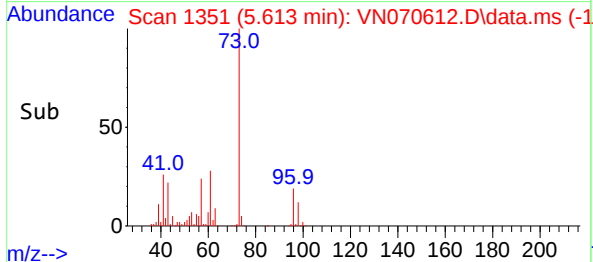
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 166651
Ion Ratio Lower Upper
73 100
57 24.3 16.8 25.2

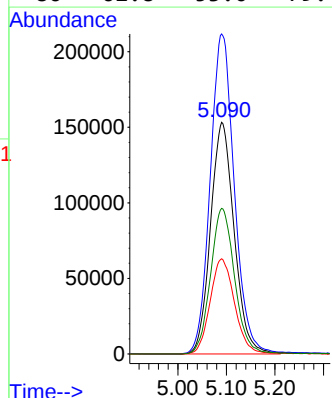
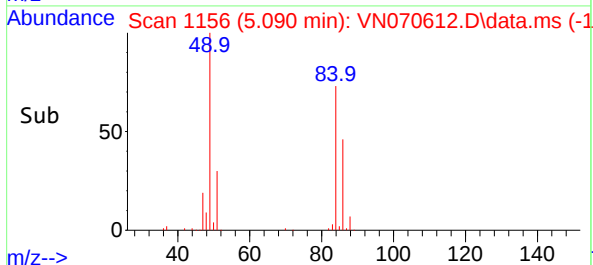
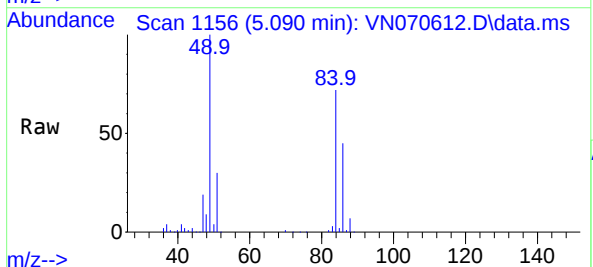
Manual Integrations
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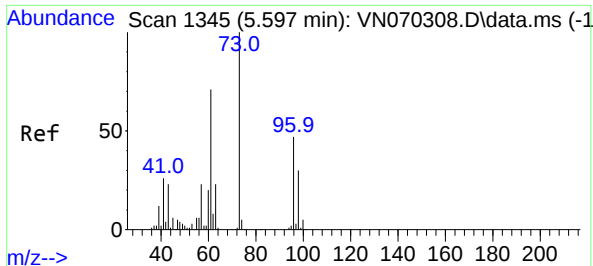
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#20
Methylene Chloride
Concen: 46.288 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

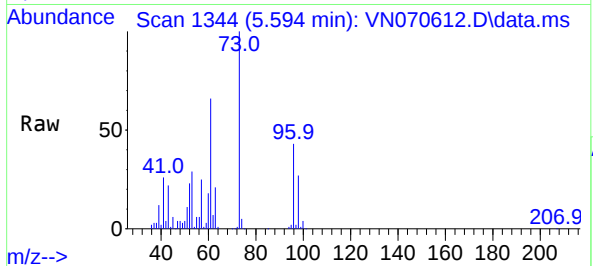
Tgt Ion: 84 Resp: 519440
Ion Ratio Lower Upper
84 100
49 138.2 93.5 140.3
51 41.1 29.4 44.2
86 62.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.211 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

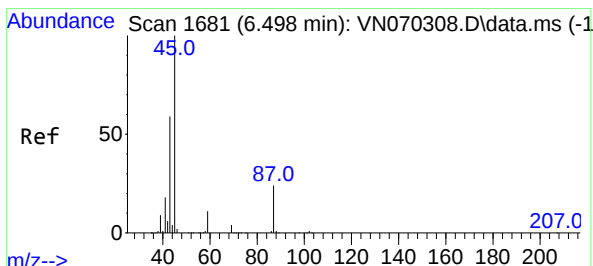
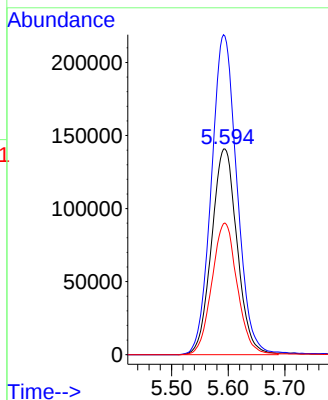
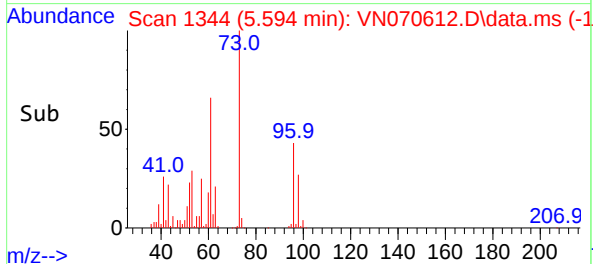
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



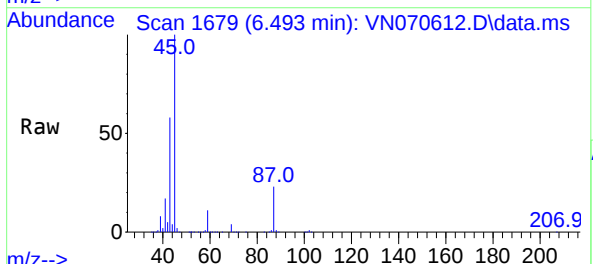
Tgt Ion: 96 Resp: 442400
Ion Ratio Lower Upper
96 100
61 154.8 105.8 158.6
98 64.0 52.0 78.0

Manual Integrations
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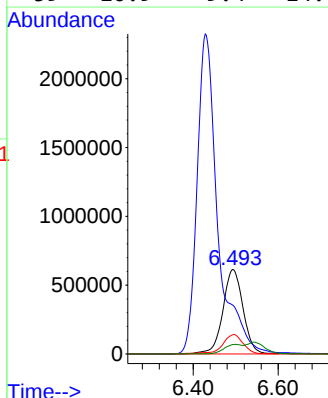
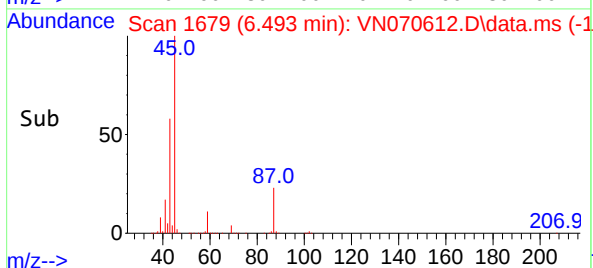
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

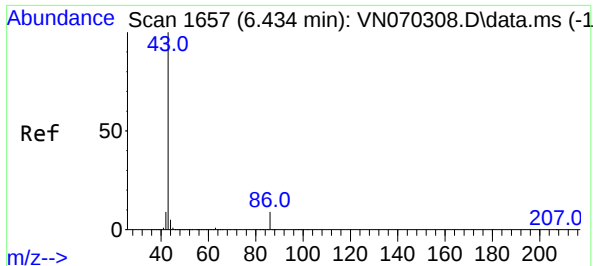


#22
Diisopropyl ether
Concen: 51.862 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.005 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



Tgt Ion: 45 Resp: 2026923
Ion Ratio Lower Upper
45 100
43 57.3 51.7 77.5
87 22.7 23.2 34.8#
59 10.9 9.4 14.0





#23

Vinyl Acetate

Concen: 259.297 ug/l

RT: 6.428 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VN070612.D

Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 786276

Ion Ratio Lower Upper

43 100

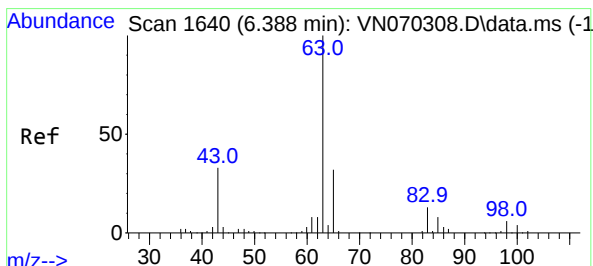
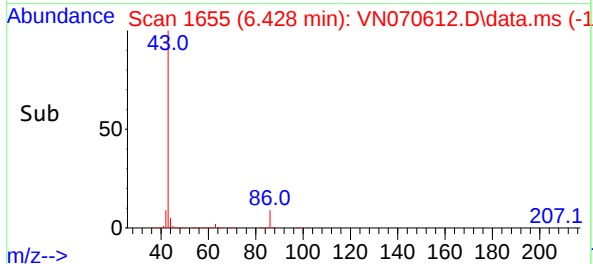
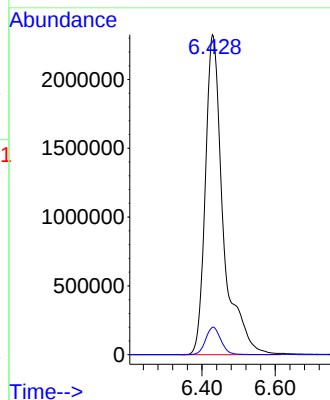
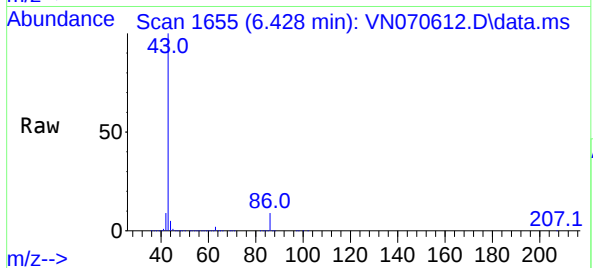
86 8.5 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#24

1,1-Dichloroethane

Concen: 48.519 ug/l

RT: 6.383 min Scan# 1638

Delta R.T. -0.005 min

Lab File: VN070612.D

Acq: 13 Jan 2022 17:16

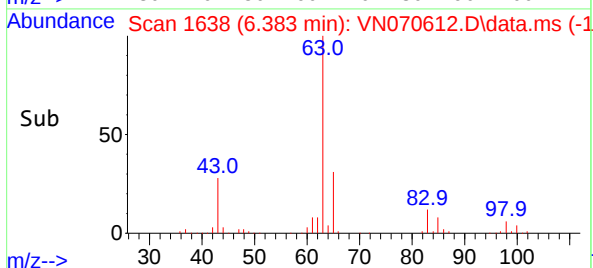
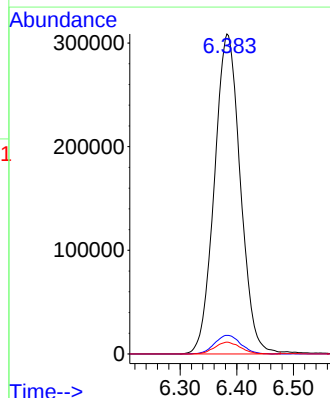
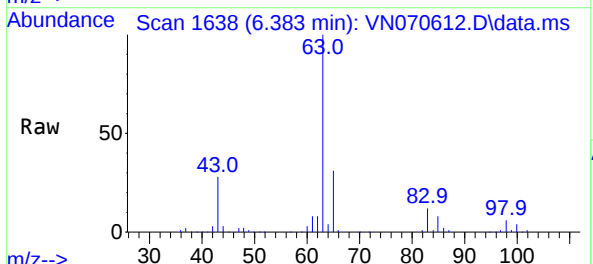
Tgt Ion: 63 Resp: 983247

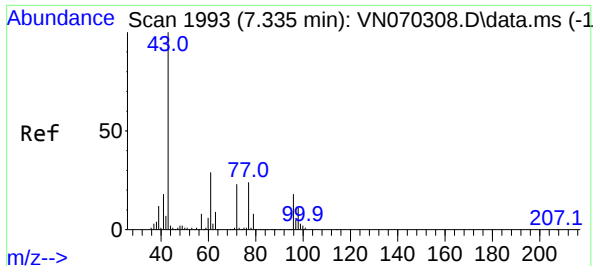
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 3.7 2.1 6.5





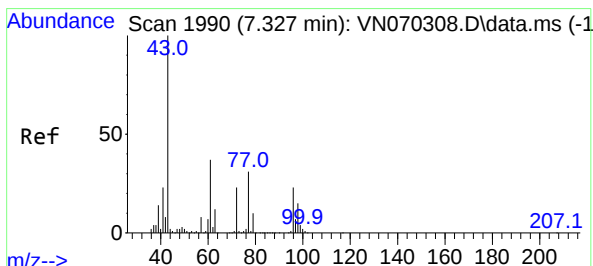
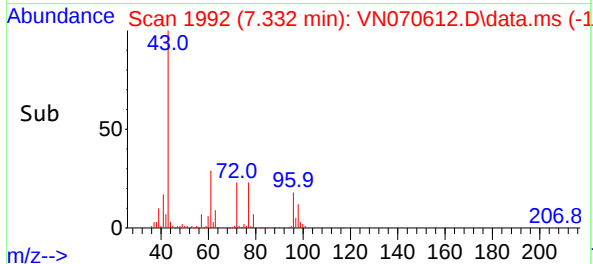
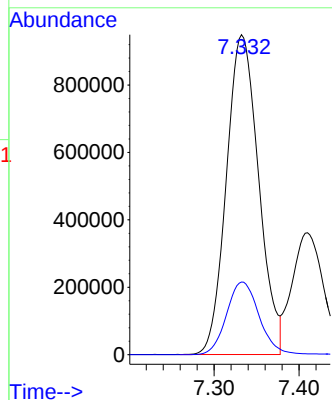
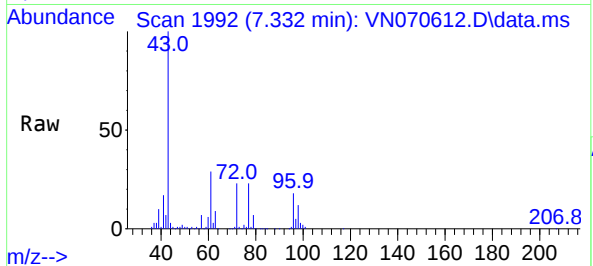
#25
2-Butanone
Concen: 245.312 ug/l
RT: 7.332 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 250527
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

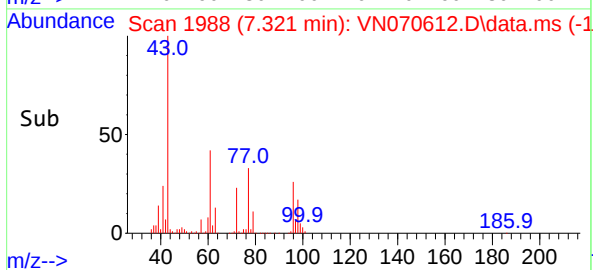
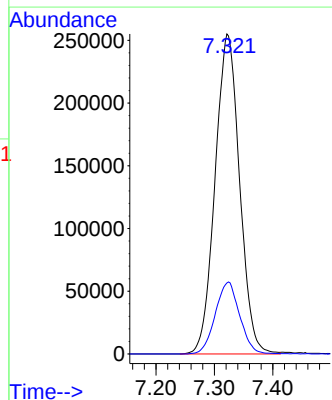
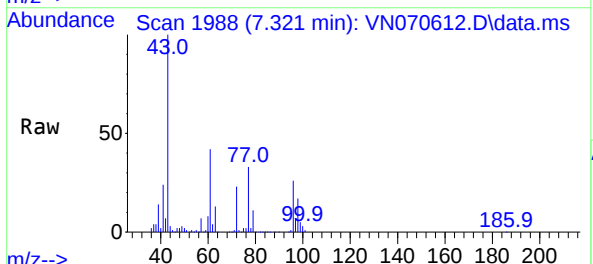
Manual Integrations
APPROVED

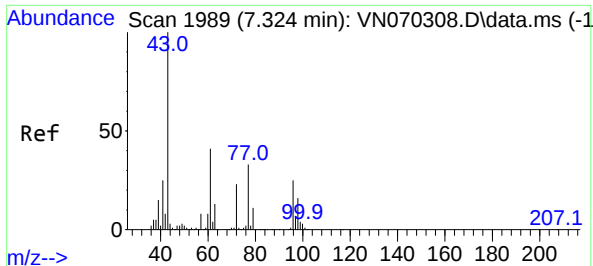
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#26
2,2-Dichloropropane
Concen: 46.527 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Tgt Ion: 77 Resp: 743816
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





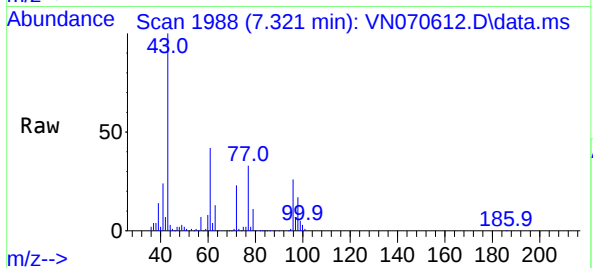
#27
cis-1,2-Dichloroethene
Concen: 48.642 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



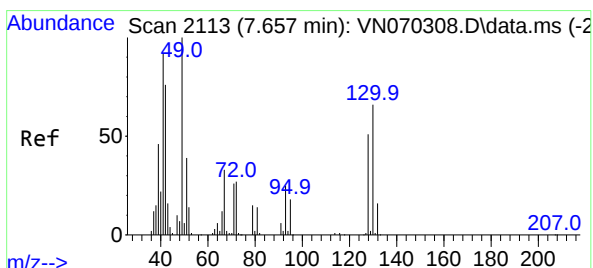
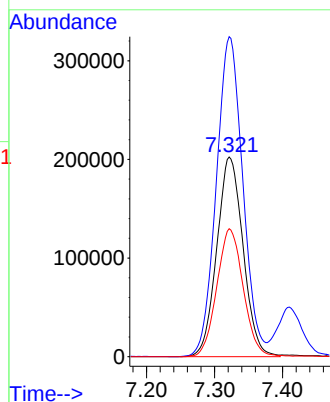
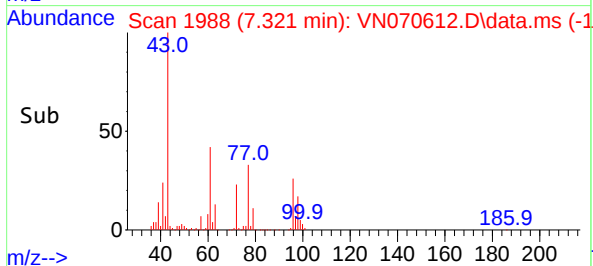
Tgt Ion: 96 Resp: 54388
Ion Ratio Lower Upper
96 100
61 161.4 0.0 275.0
98 64.4 0.0 129.6

Manual Integrations

APPROVED

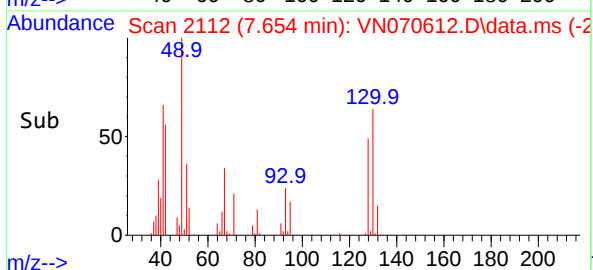
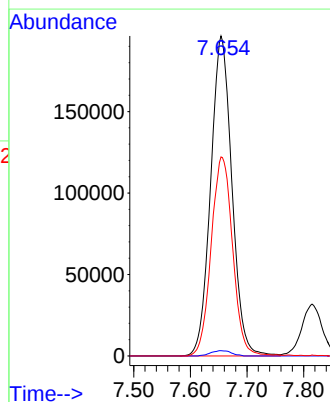
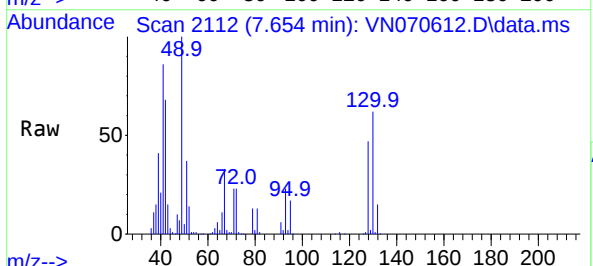
Reviewed By :John Carlone 01/14/2022

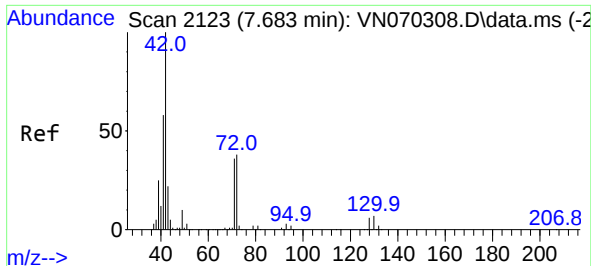
Supervised By :Mahesh Dadoda 01/14/2022



#28
Bromochloromethane
Concen: 51.621 ug/l
RT: 7.654 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Tgt Ion: 49 Resp: 511604
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 62.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 263.363 ug/l

RT: 7.681 min Scan# 2123

Delta R.T. -0.002 min

Lab File: VN070612.D

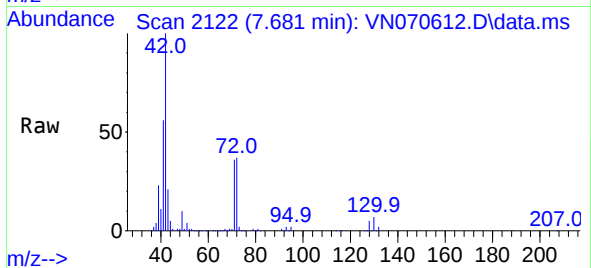
Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 160472

Ion Ratio Lower Upper

42 100

72 36.9 36.3 54.5

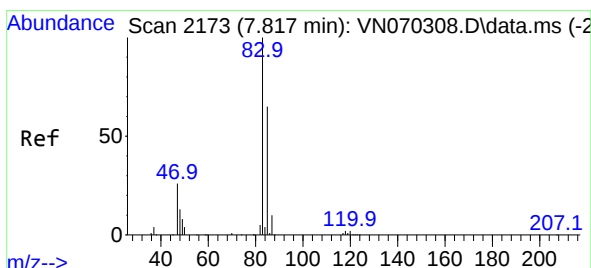
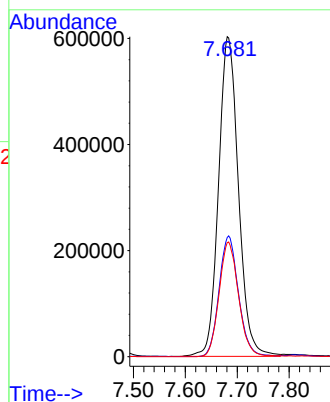
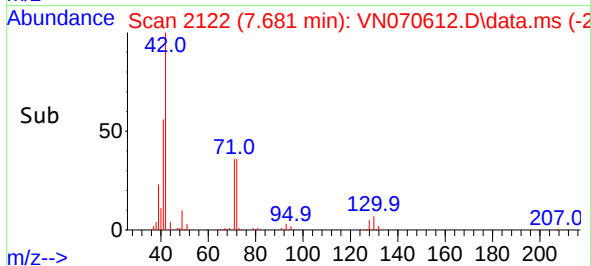
71 35.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#30

Chloroform

Concen: 48.253 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.002 min

Lab File: VN070612.D

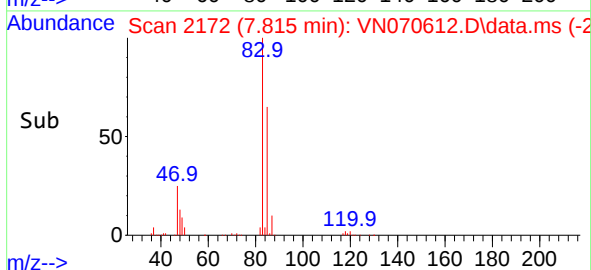
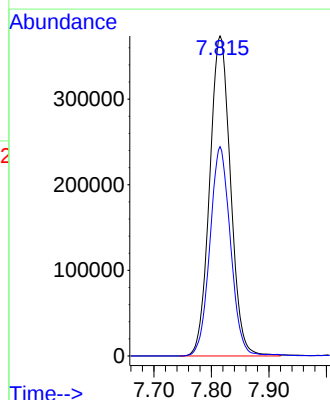
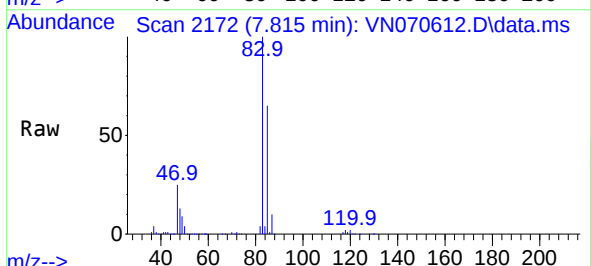
Acq: 13 Jan 2022 17:16

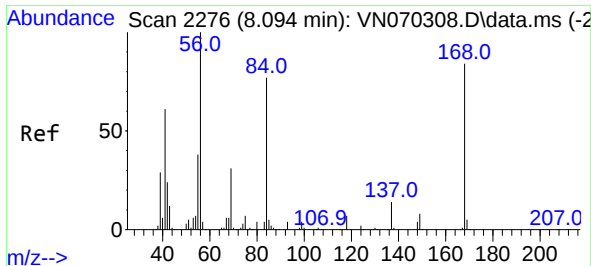
Tgt Ion: 83 Resp: 943368

Ion Ratio Lower Upper

83 100

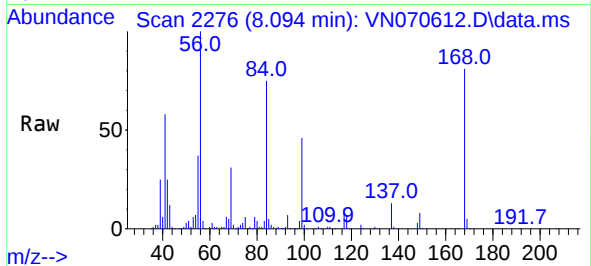
85 65.4 51.9 77.9





#31
Cyclohexane
Concen: 46.221 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

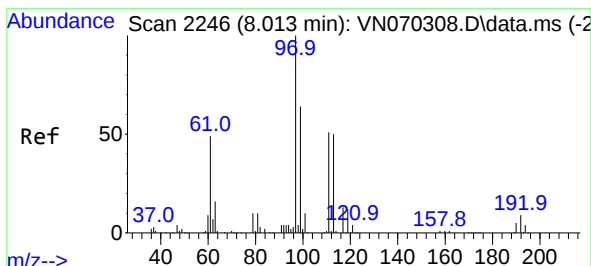
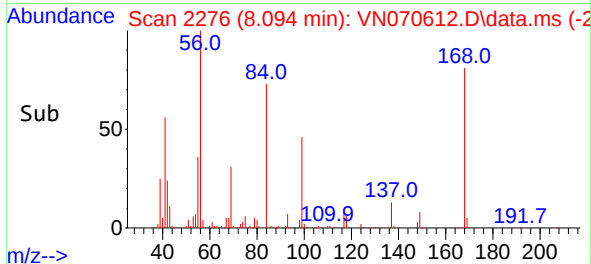
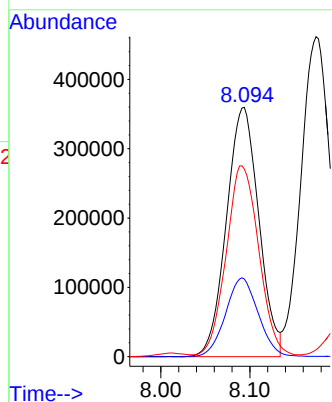
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 911329
Ion Ratio Lower Upper
56 100
69 31.2 27.1 40.7
84 74.1 73.4 110.0

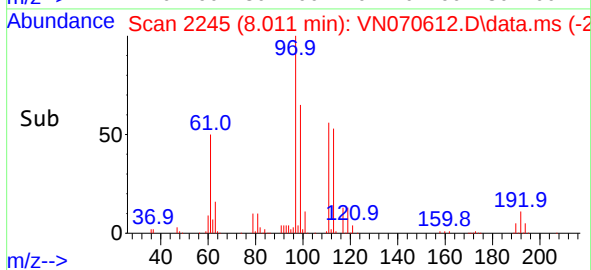
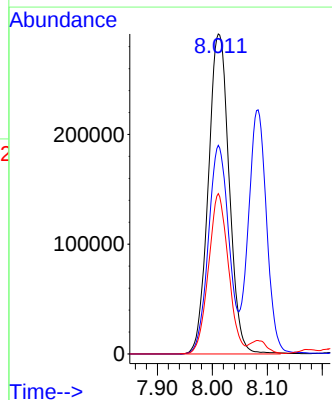
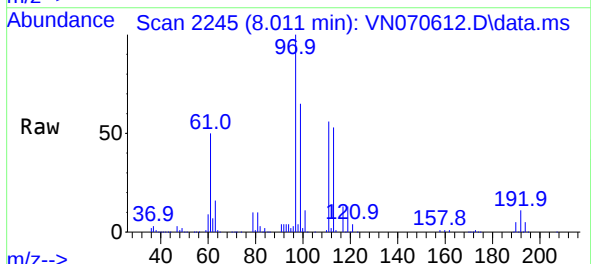
Manual Integrations
APPROVED

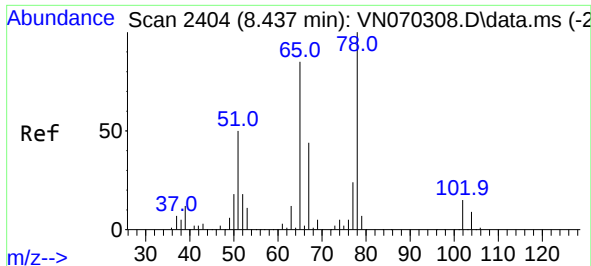
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#32
1,1,1-Trichloroethane
Concen: 46.636 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Tgt Ion: 97 Resp: 768754
Ion Ratio Lower Upper
97 100
99 64.0 50.1 75.1
61 48.0 35.2 52.8





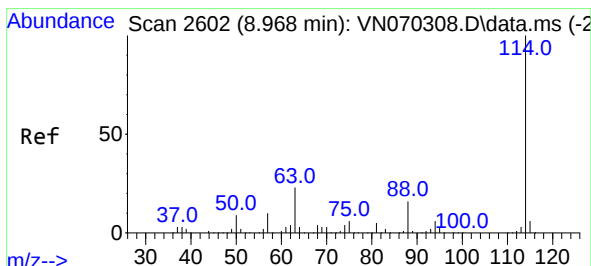
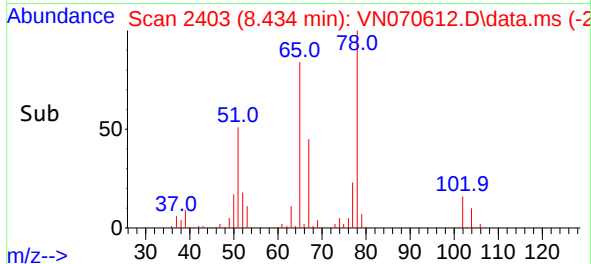
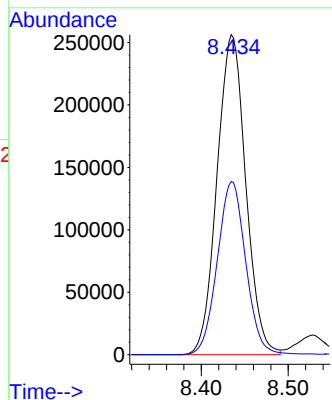
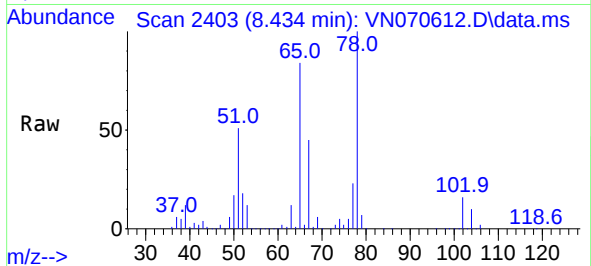
#33
1,2-Dichloroethane-d4
Concen: 47.140 ug/l
RT: 8.434 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 58898
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

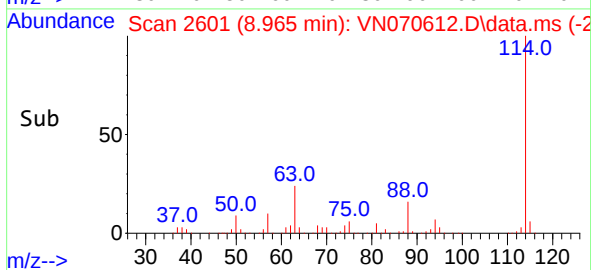
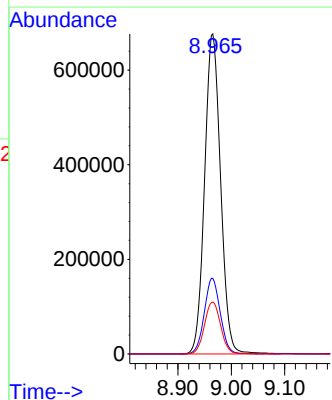
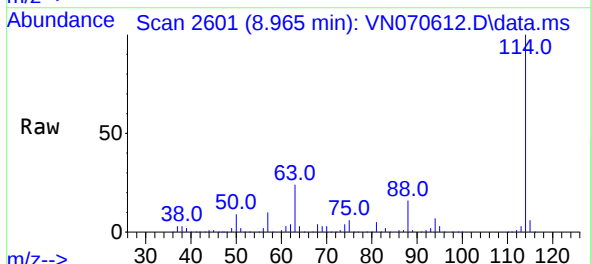
Manual Integrations
APPROVED

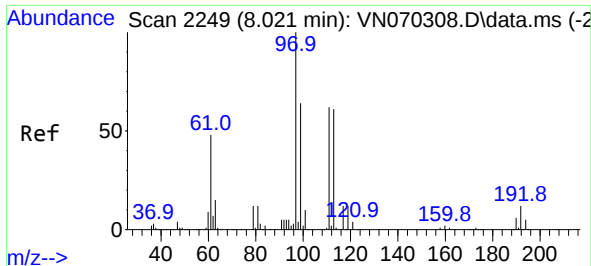
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Tgt Ion:114 Resp: 1405974
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.2 0.0 27.4





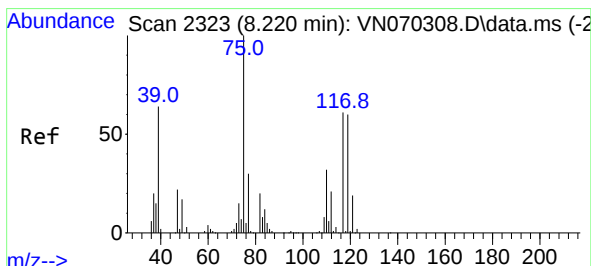
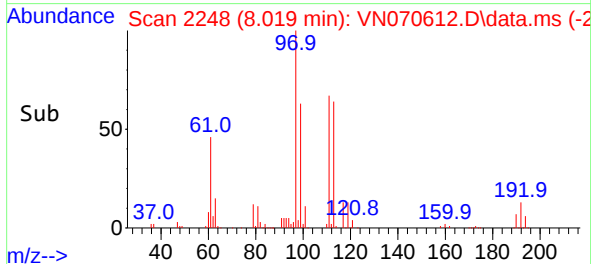
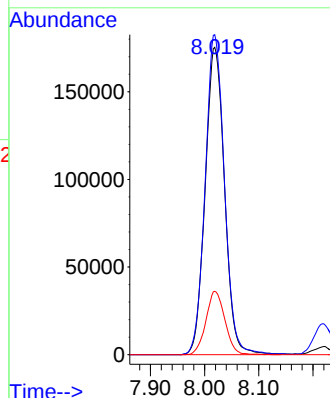
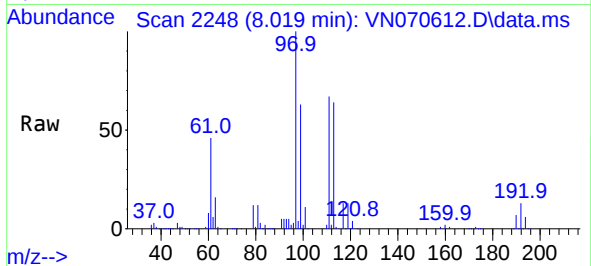
#35
Dibromofluoromethane
Concen: 51.232 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 43582
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 20.2 16.9 25.3

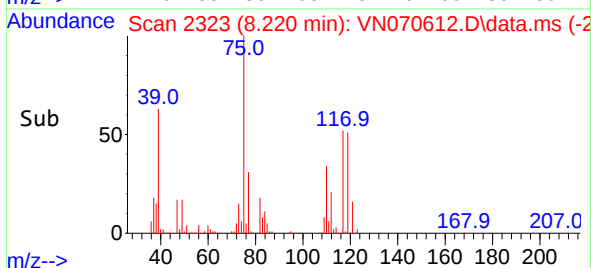
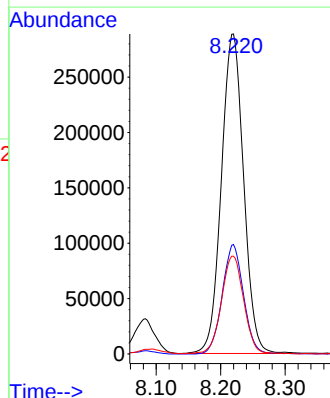
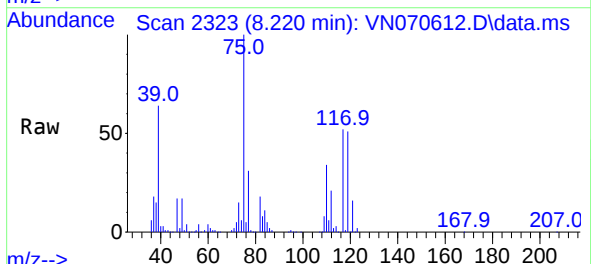
Manual Integrations
APPROVED

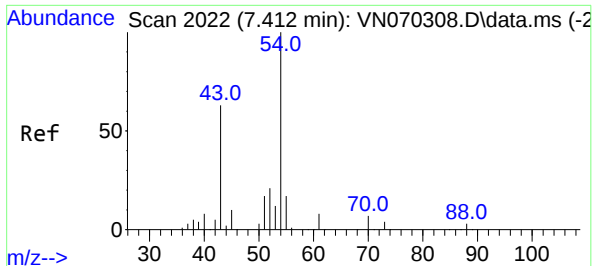
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#36
1,1-Dichloropropene
Concen: 49.095 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

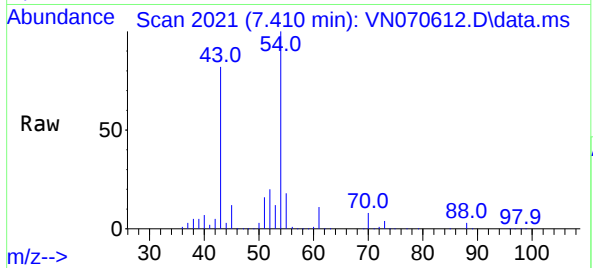
Tgt Ion: 75 Resp: 690891
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 52.264 ug/l
RT: 7.410 min Scan# 20
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

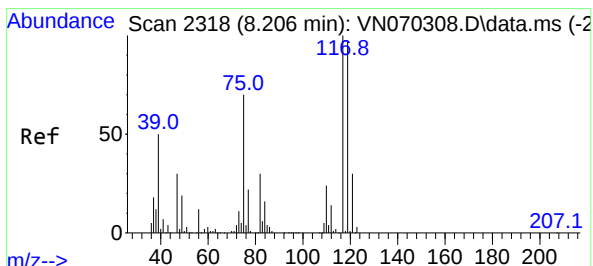
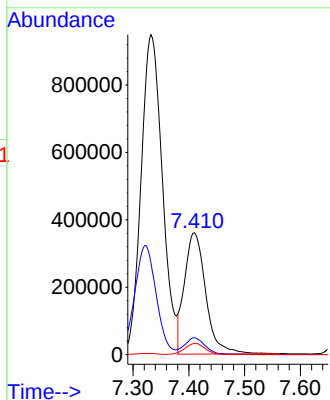
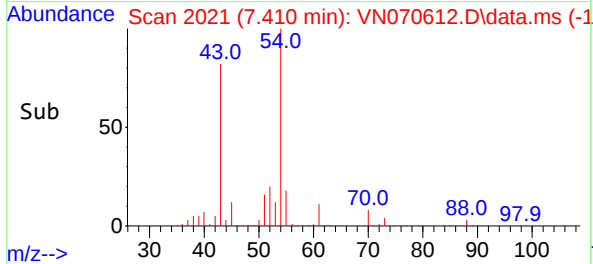
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



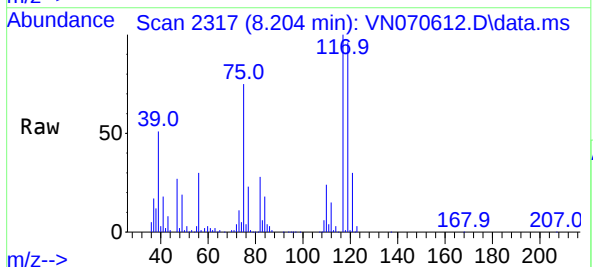
Tgt Ion: 43 Resp: 95335
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 8.7 7.9 11.9

Manual Integrations
APPROVED

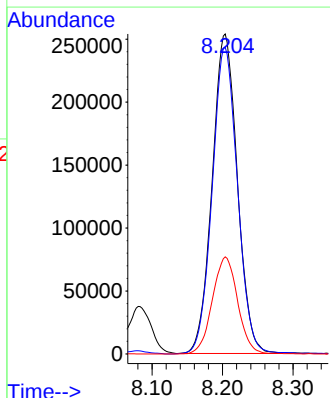
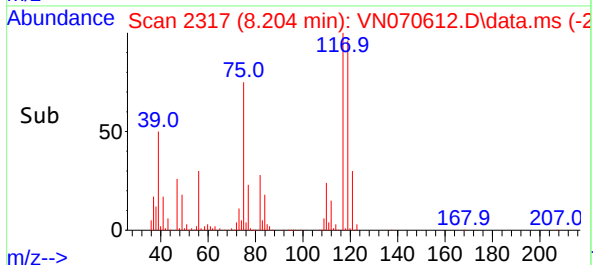
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

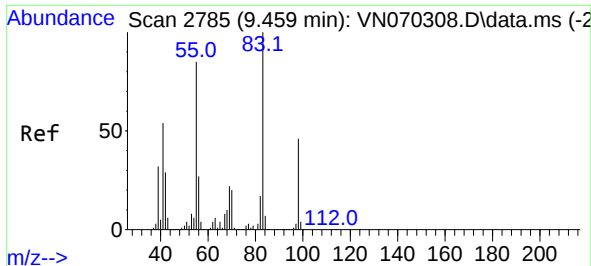


#38
Carbon Tetrachloride
Concen: 46.769 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



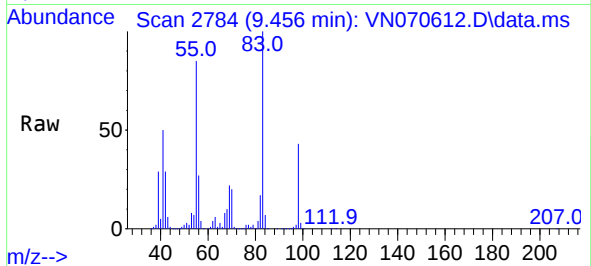
Tgt Ion:117 Resp: 628474
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 30.4 24.2 36.2





#39
Methylcyclohexane
Concen: 49.407 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

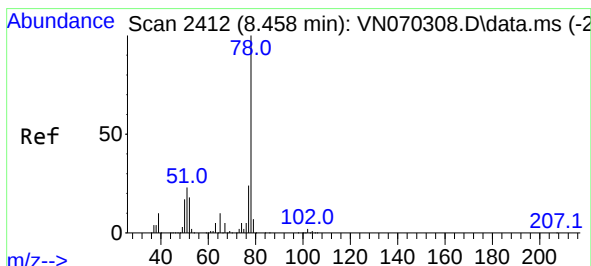
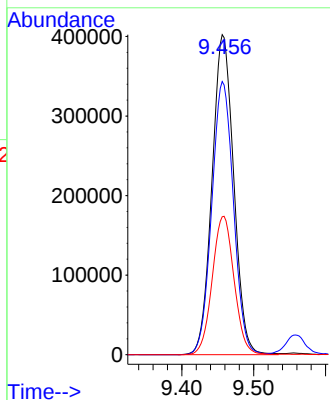
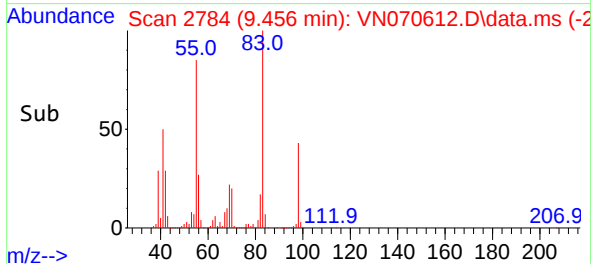
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 841744
Ion Ratio Lower Upper
83 100
55 85.3 58.1 87.1
98 43.1 38.4 57.6

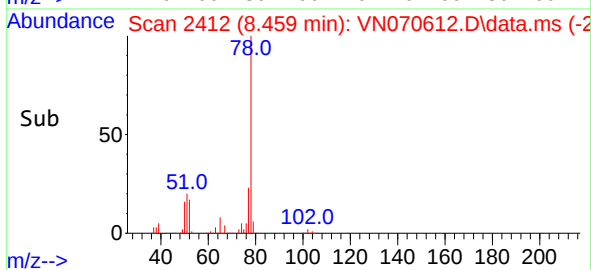
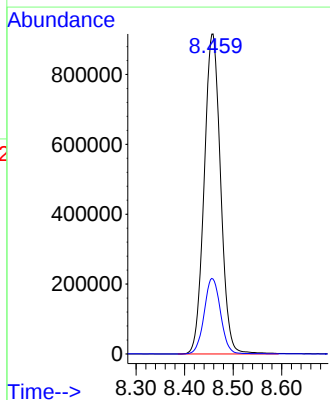
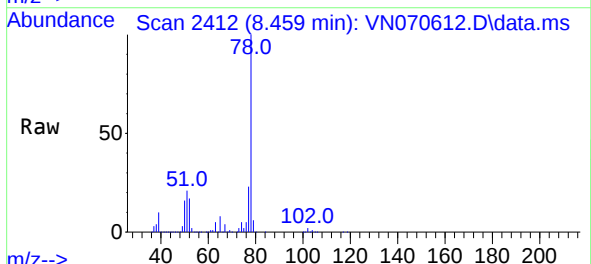
Manual Integrations
APPROVED

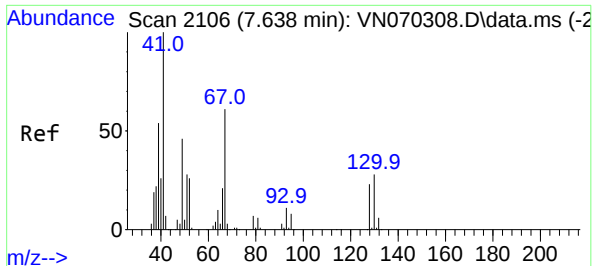
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#40
Benzene
Concen: 49.891 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Tgt Ion: 78 Resp: 2152447
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 54.080 ug/l
RT: 7.632 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

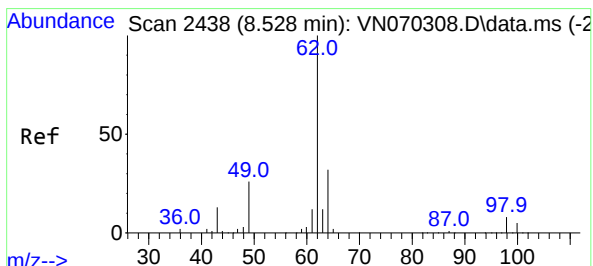
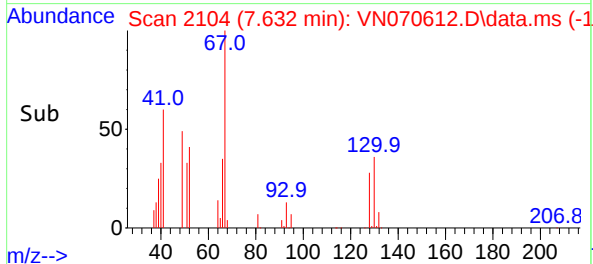
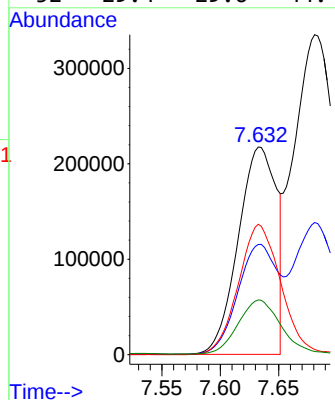
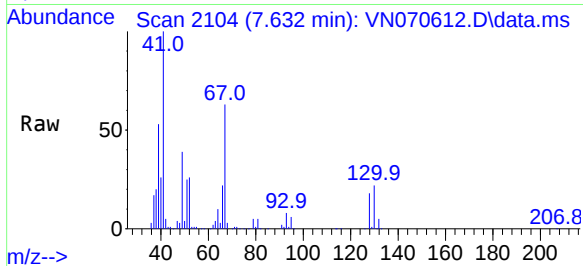
VSTDCCC050EC

Tgt Ion: 41 Resp: 49341
Ion Ratio Lower Upper
41 100
39 55.8 48.1 72.1
67 70.4 68.3 102.5
52 29.4 29.6 44.4#

Manual Integrations

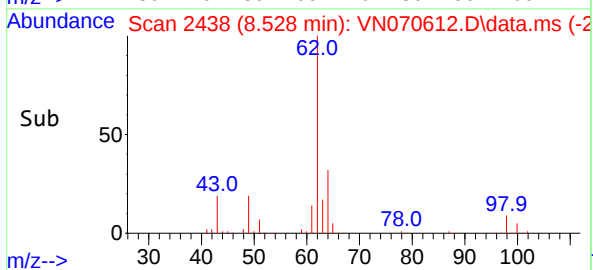
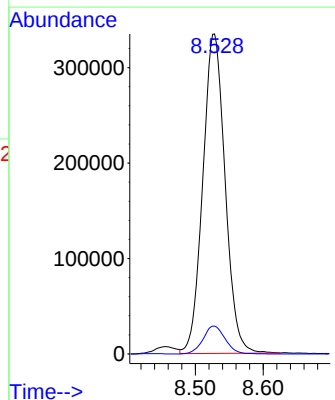
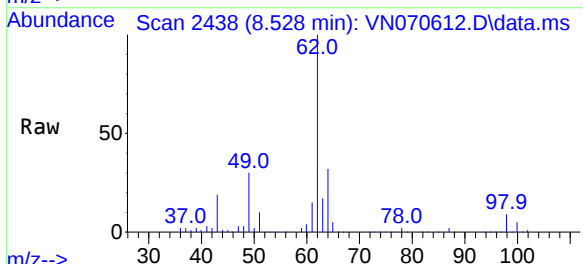
APPROVED

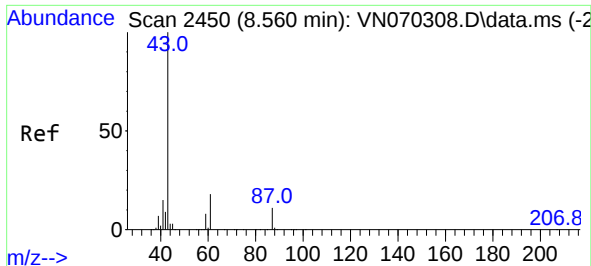
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#42
1,2-Dichloroethane
Concen: 47.073 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Tgt Ion: 62 Resp: 763364
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 51.968 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

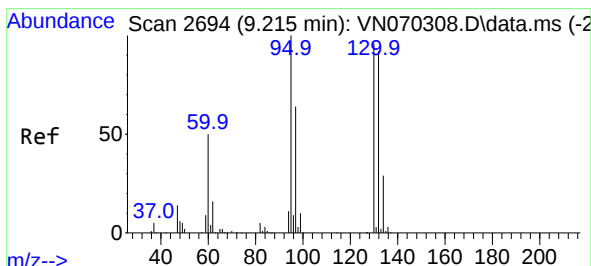
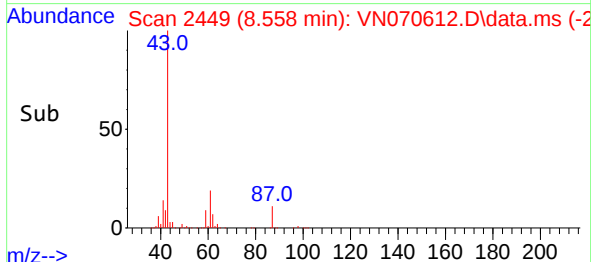
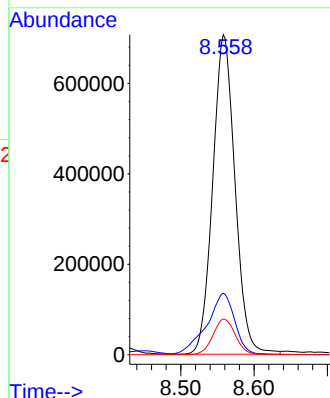
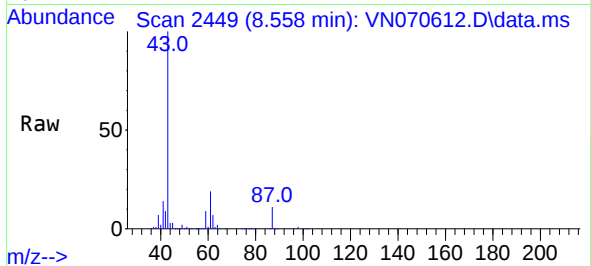
VSTDCCC050EC

Tgt Ion: 43 Resp: 149455
Ion Ratio Lower Upper
43 100
61 24.0 20.4 30.6
87 11.2 11.2 16.8

Manual Integrations

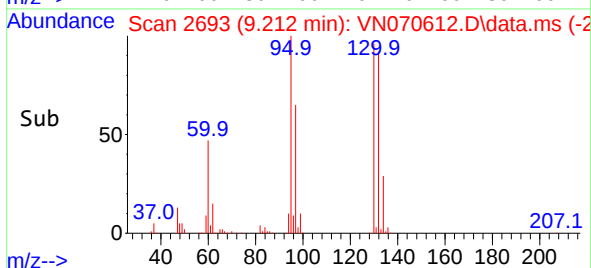
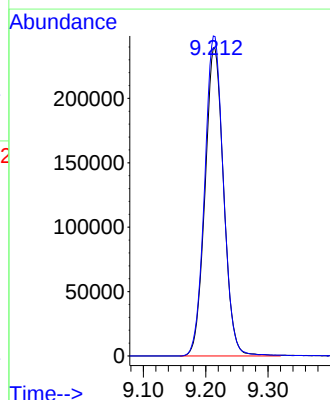
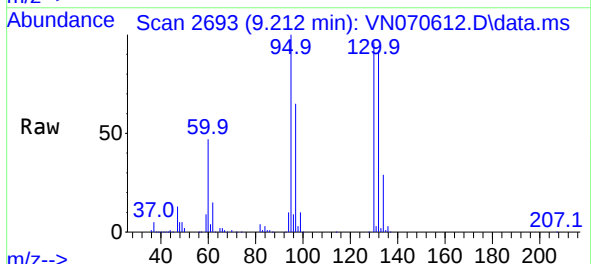
APPROVED

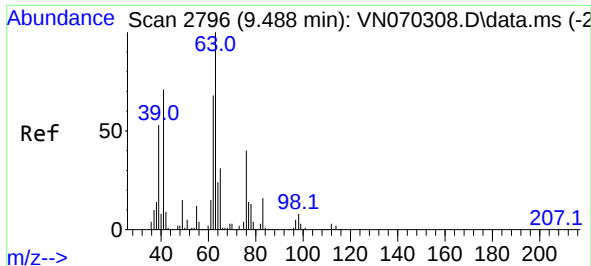
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#44
Trichloroethene
Concen: 48.534 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Tgt Ion:130 Resp: 497531
Ion Ratio Lower Upper
130 100
95 103.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.544 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070612.D

Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 610360

Ion Ratio Lower Upper

63 100

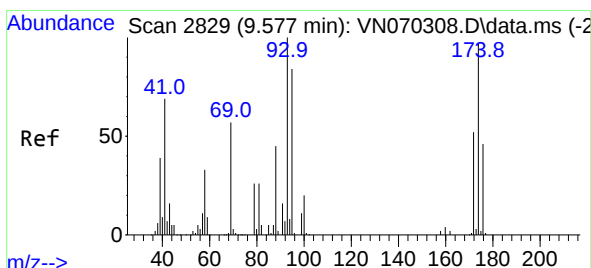
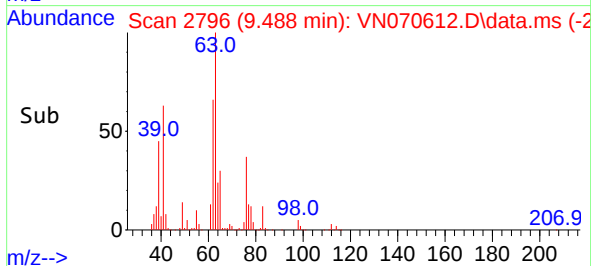
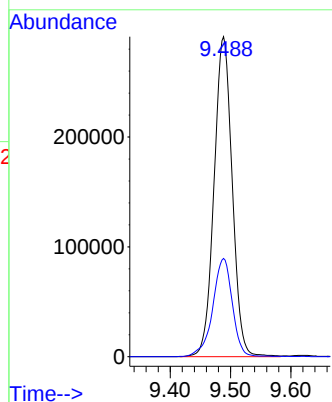
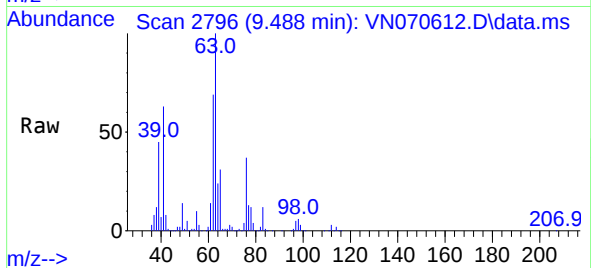
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#46

Dibromomethane

Concen: 49.745 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070612.D

Acq: 13 Jan 2022 17:16

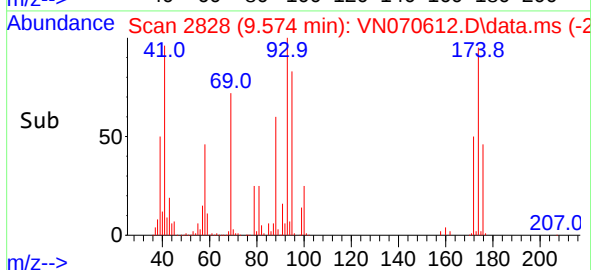
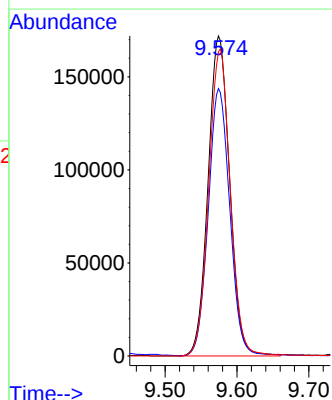
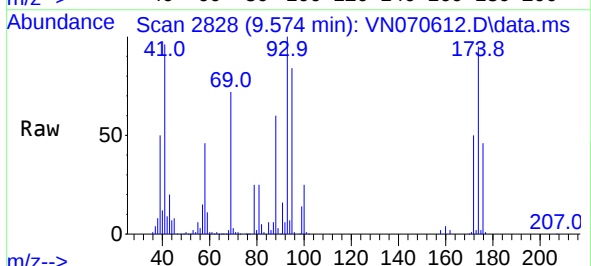
Tgt Ion: 93 Resp: 359321

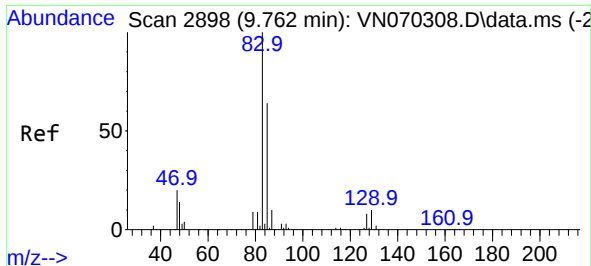
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 95.6 84.6 127.0





#47
Bromodichloromethane
Concen: 51.084 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

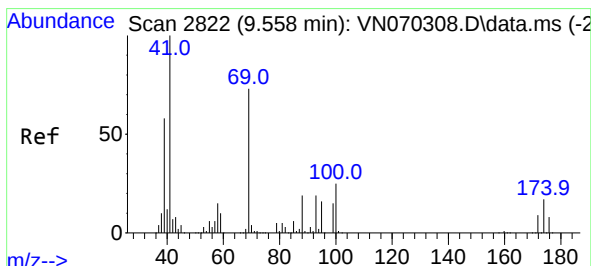
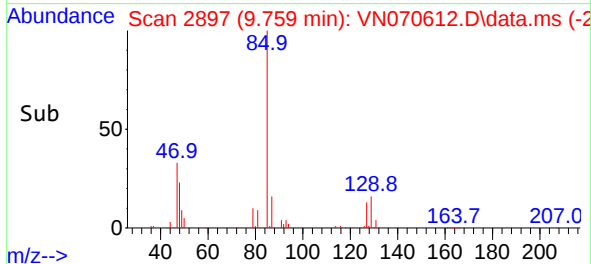
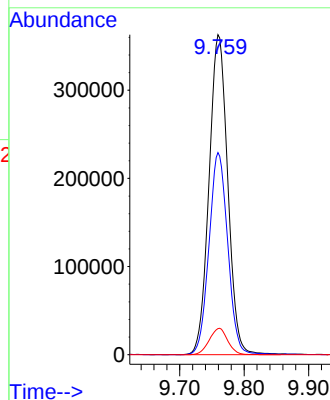
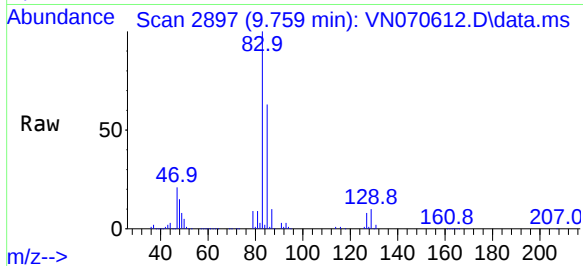
VSTDCCC050EC

Tgt Ion: 83 Resp: 732672
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.2 7.1 10.7

Manual Integrations

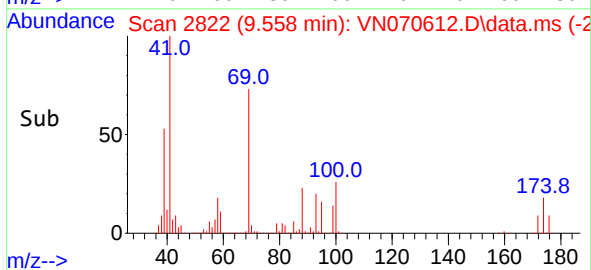
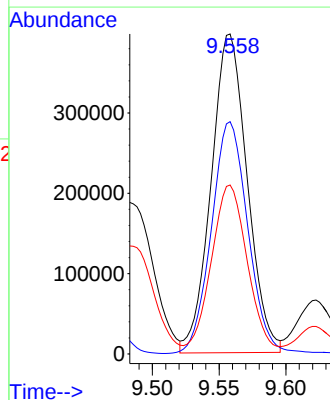
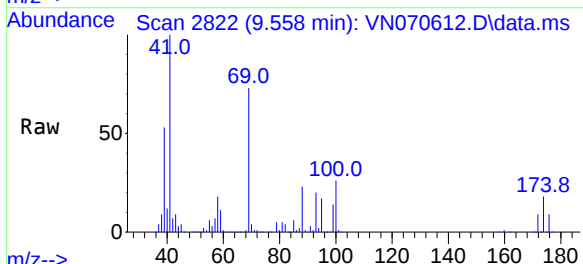
APPROVED

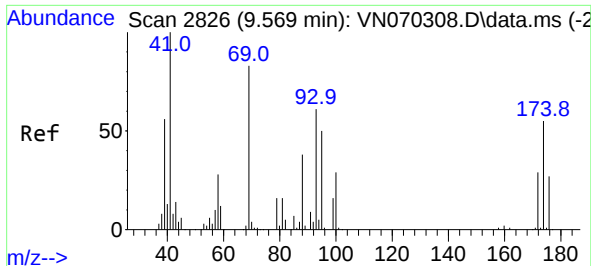
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#48
Methyl methacrylate
Concen: 54.413 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

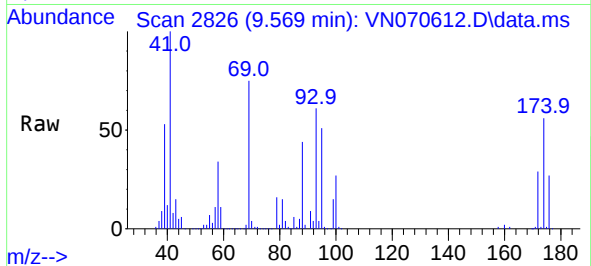
Tgt Ion: 41 Resp: 746433
Ion Ratio Lower Upper
41 100
69 74.2 72.4 108.6
39 52.9 58.4 87.6#





#49
1,4-Dioxane
Concen: 1196.551 ug/l
RT: 9.569 min Scan# 24027
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

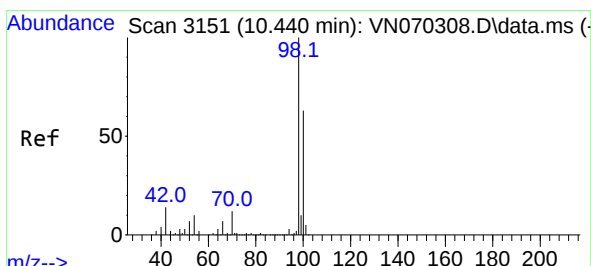
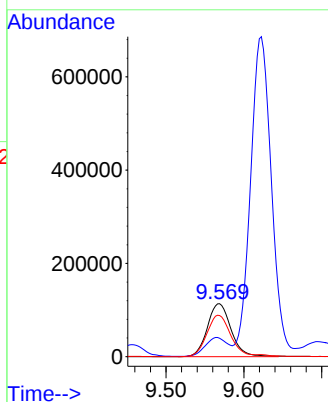
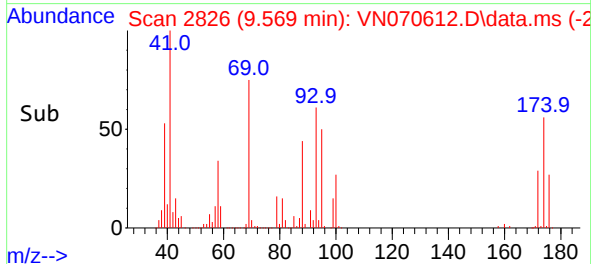
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 24027
Ion Ratio Lower Upper
88 100
43 33.8 23.4 35.2
58 78.8 50.6 75.8

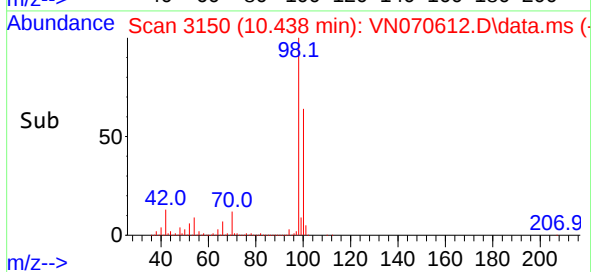
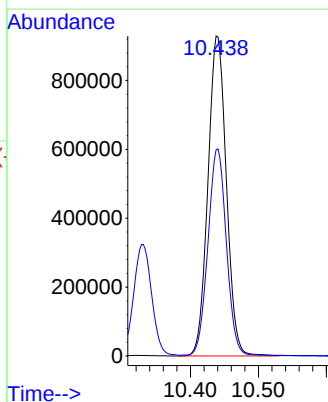
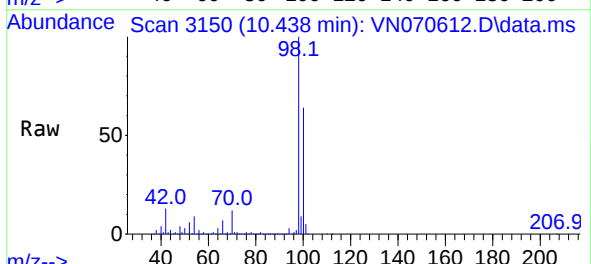
Manual Integrations
APPROVED

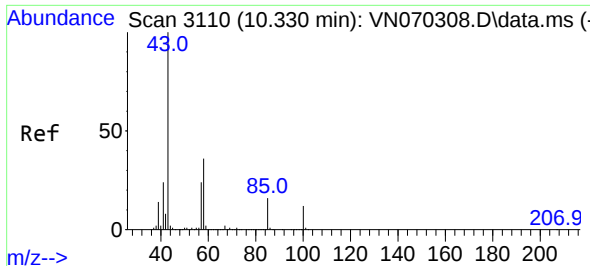
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#50
Toluene-d8
Concen: 50.433 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

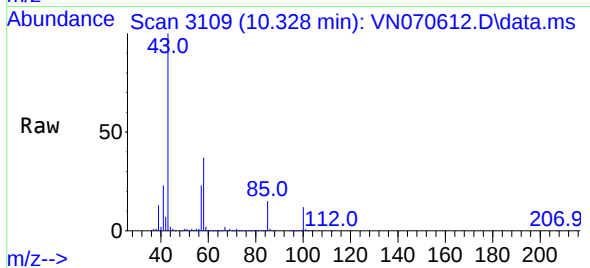
Tgt Ion: 98 Resp: 1752605
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 278.035 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

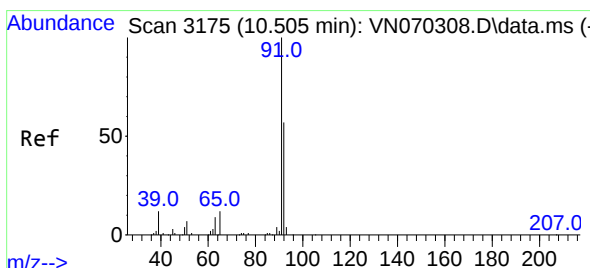
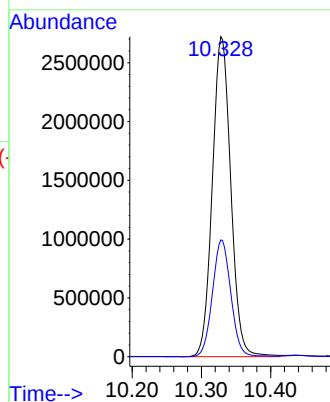
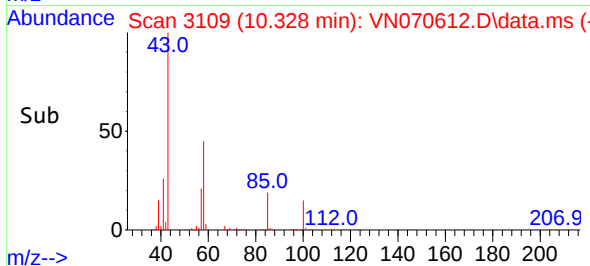
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 502440
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6

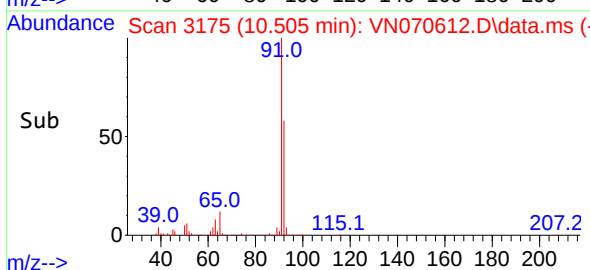
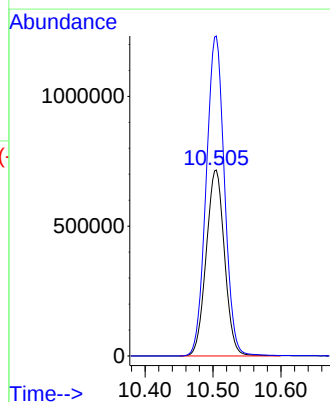
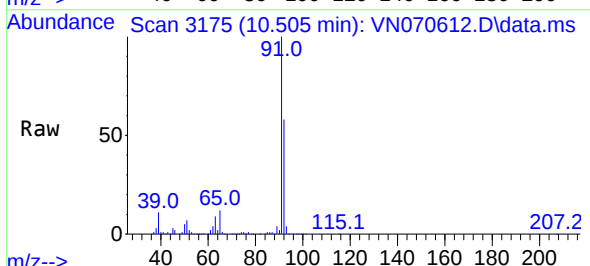
Manual Integrations
APPROVED

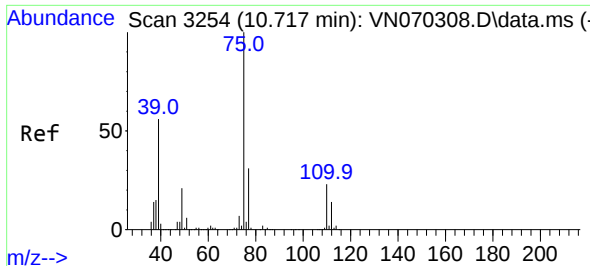
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#52
Toluene
Concen: 51.389 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

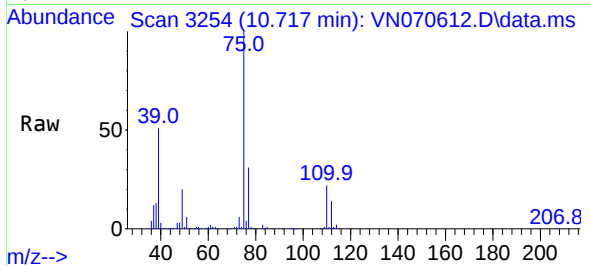
Tgt Ion: 92 Resp: 1341992
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 53.850 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

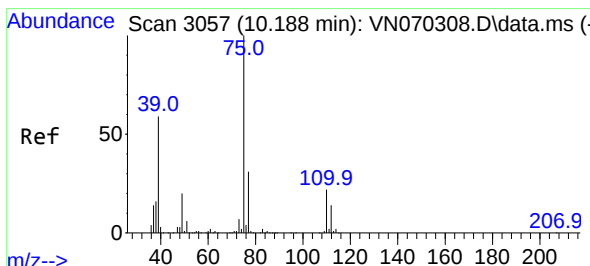
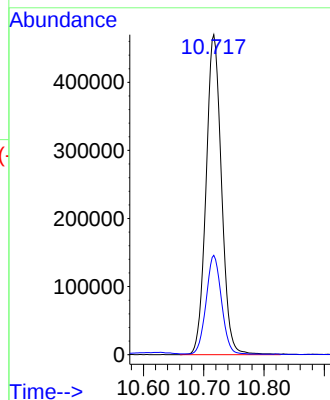
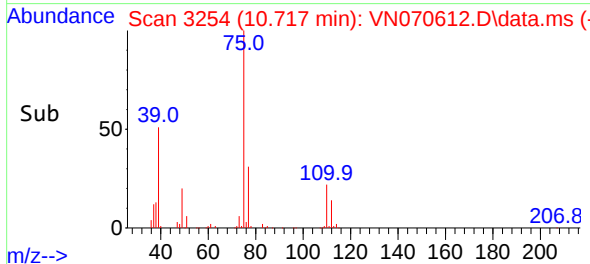
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



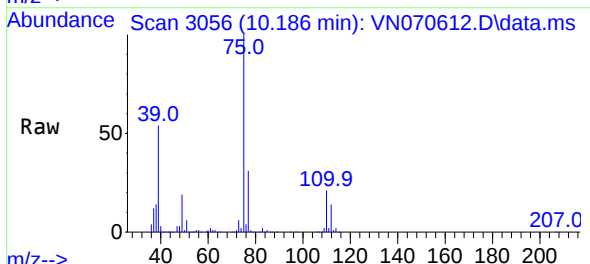
Tgt Ion: 75 Resp: 836110
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
APPROVED

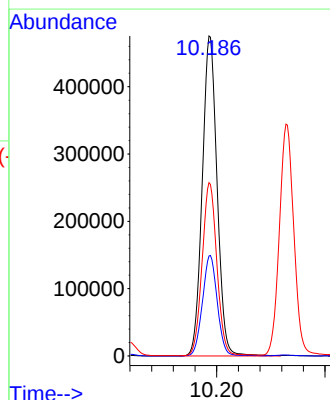
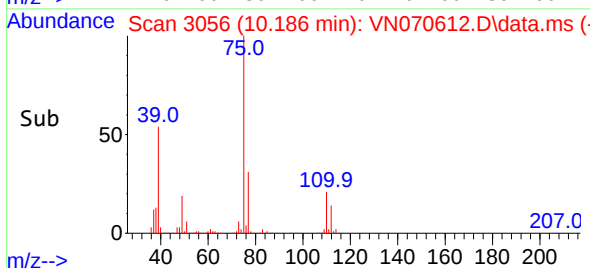
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

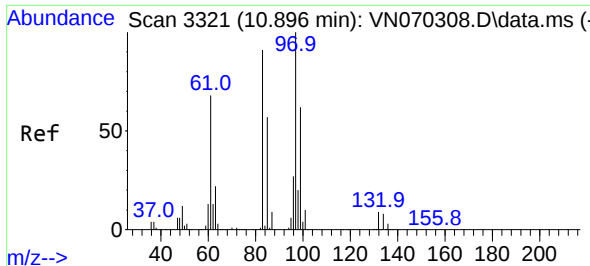


#54
cis-1,3-Dichloropropene
Concen: 53.814 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



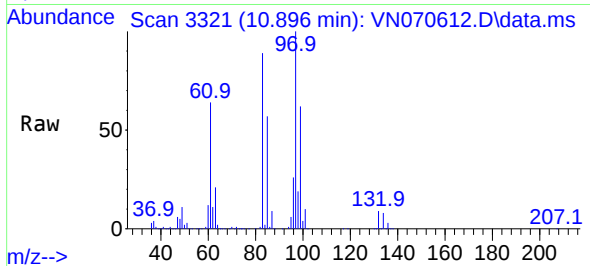
Tgt Ion: 75 Resp: 903870
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 54.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 52.445 ug/l
RT: 10.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

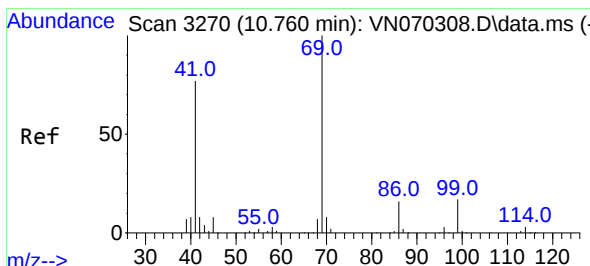
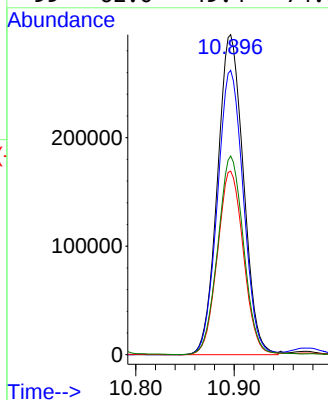
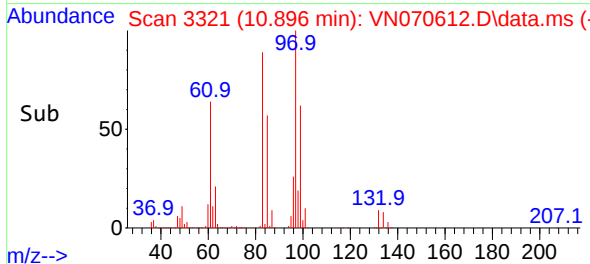
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



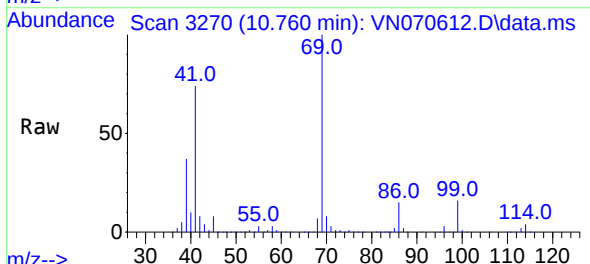
Tgt Ion: 97 Resp: 54188
Ion Ratio Lower Upper
97 100
83 88.8 67.8 101.6
85 57.4 45.4 68.2
99 62.0 49.4 74.0

Manual Integrations
APPROVED

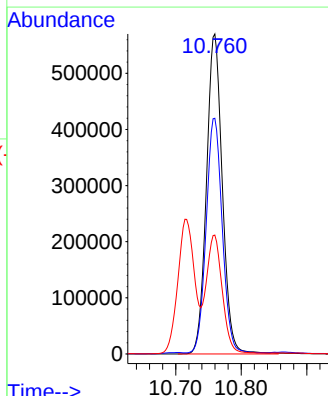
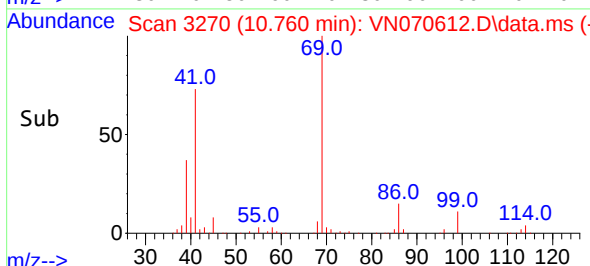
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

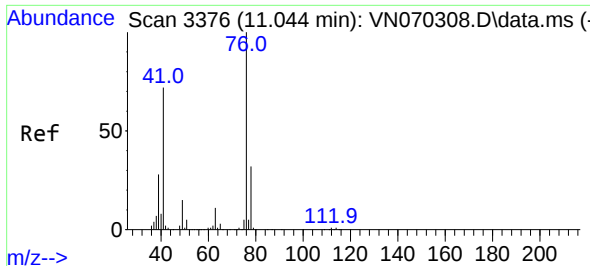


#56
Ethyl methacrylate
Concen: 56.065 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



Tgt Ion: 69 Resp: 957178
Ion Ratio Lower Upper
69 100
41 74.1 51.4 77.0
39 37.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 52.355 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070612.D

Acq: 13 Jan 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 95679

Ion Ratio Lower Upper

76 100

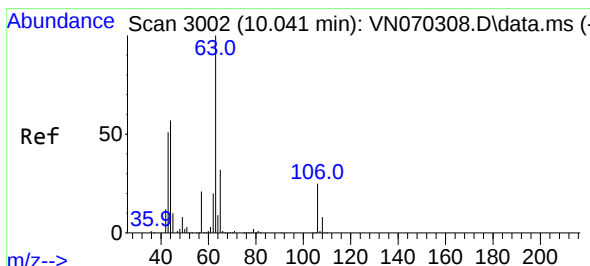
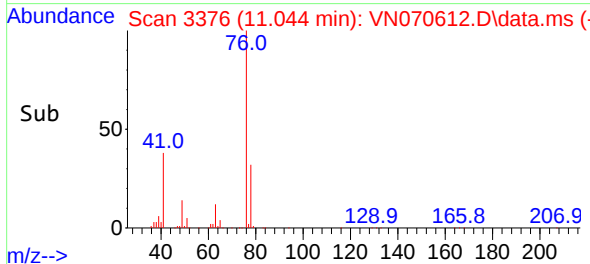
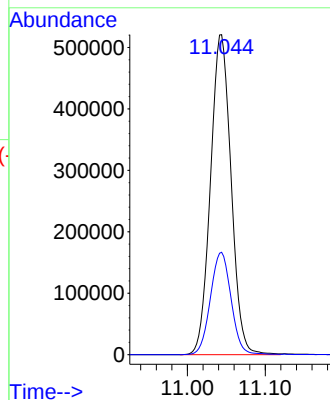
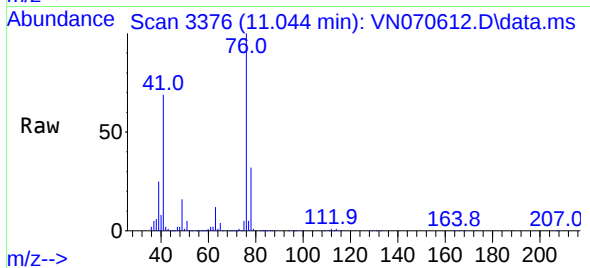
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 370.299 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070612.D

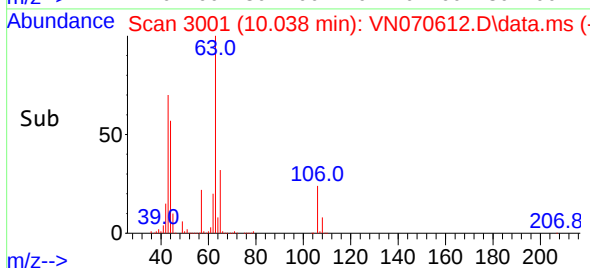
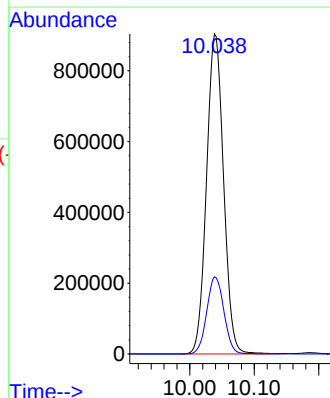
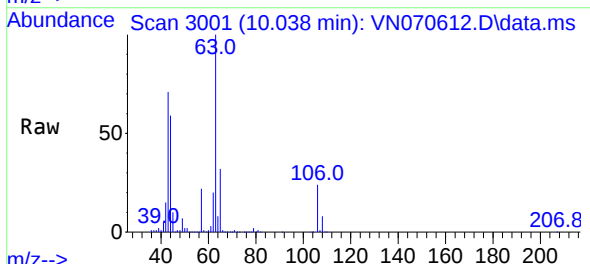
Acq: 13 Jan 2022 17:16

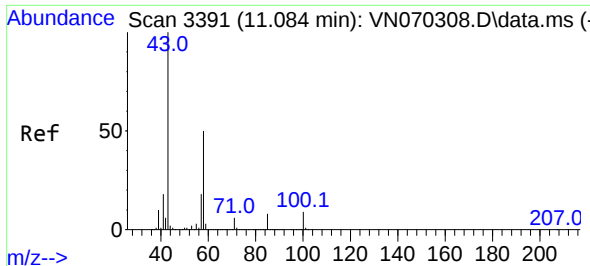
Tgt Ion: 63 Resp: 1656778

Ion Ratio Lower Upper

63 100

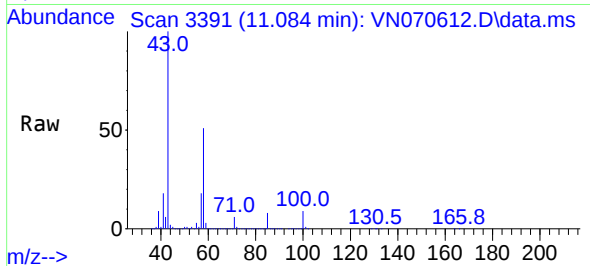
106 24.3 23.9 35.9





#59
2-Hexanone
Concen: 278.615 ug/l
RT: 11.084 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

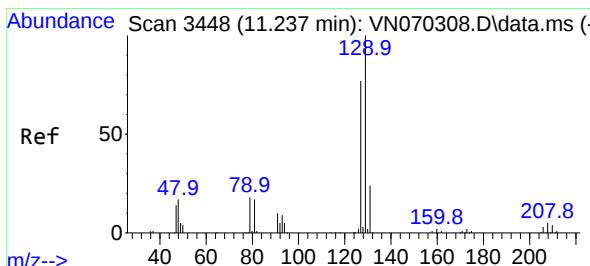
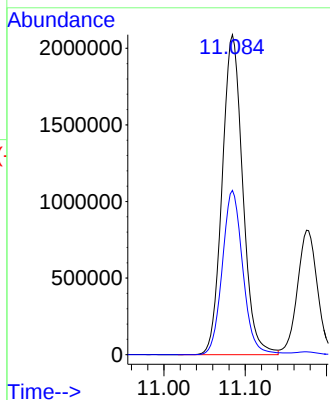
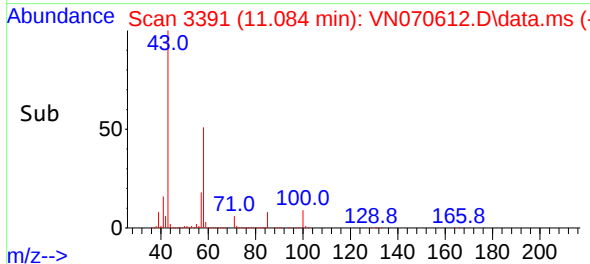
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 367168
Ion Ratio Lower Upper
43 100
58 51.2 26.9 80.7

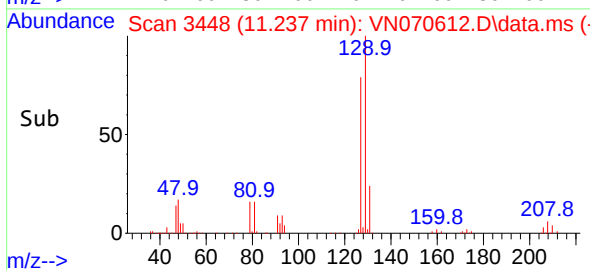
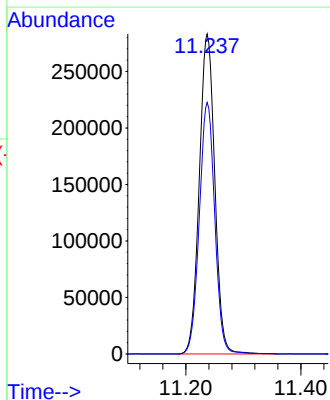
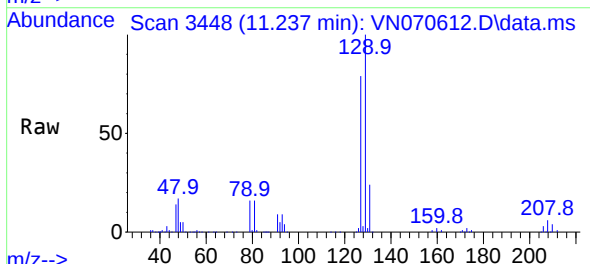
Manual Integrations
APPROVED

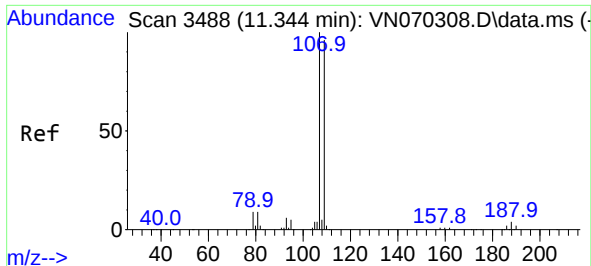
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#60
Dibromochloromethane
Concen: 52.563 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

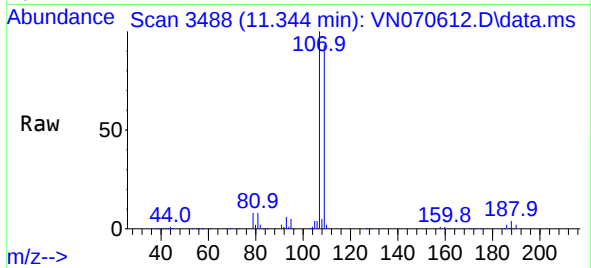
Tgt Ion:129 Resp: 529894
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.979 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

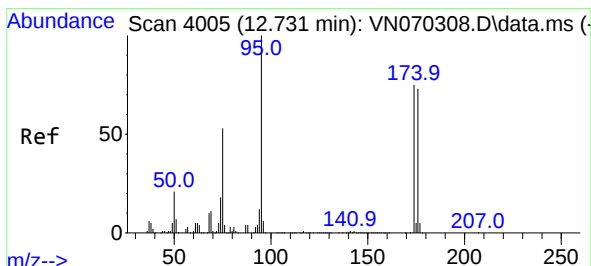
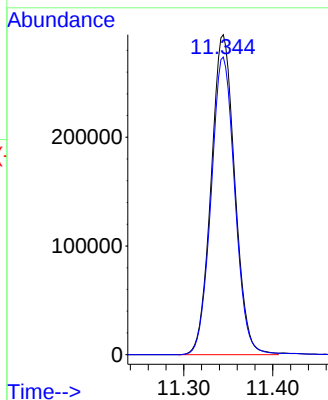
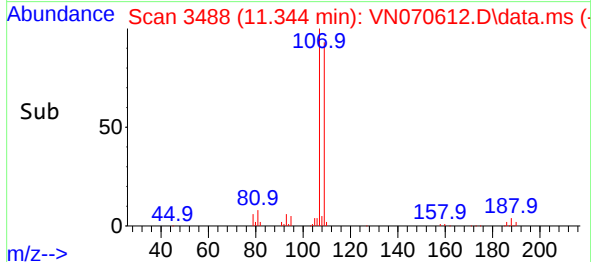
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



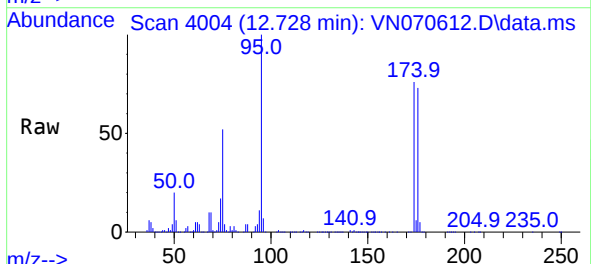
Tgt Ion:107 Resp: 54532
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

Manual Integrations
APPROVED

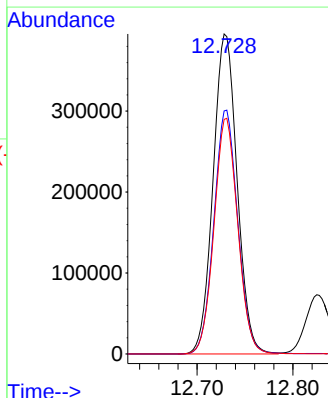
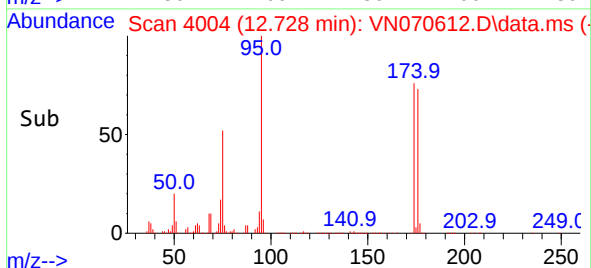
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

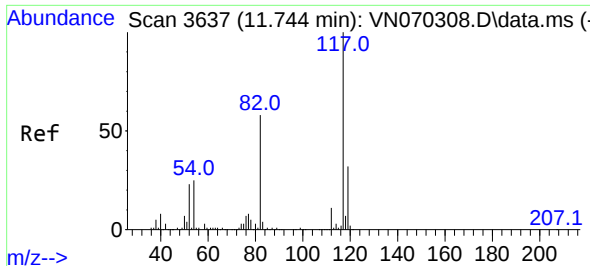


#62
4-Bromofluorobenzene
Concen: 54.752 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



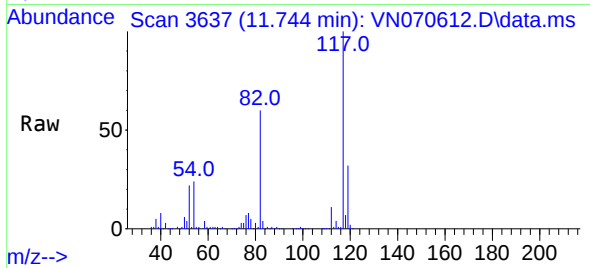
Tgt Ion: 95 Resp: 687215
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

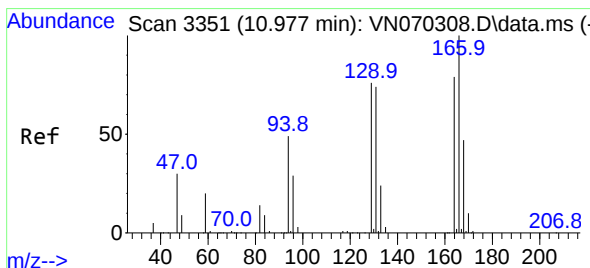
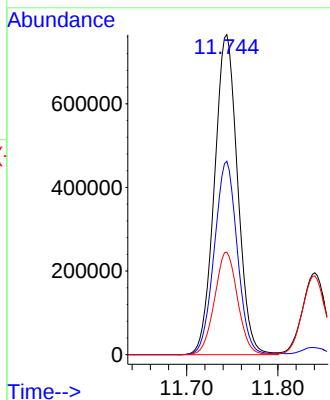
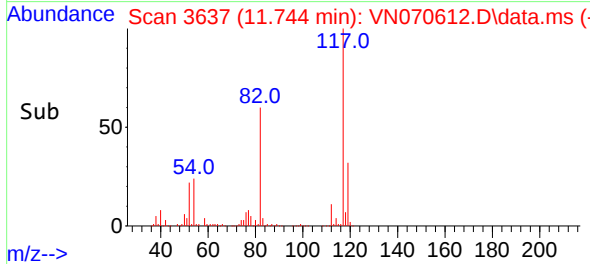
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



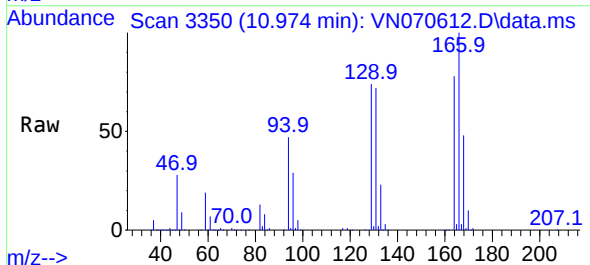
Tgt Ion:117 Resp: 1351734
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

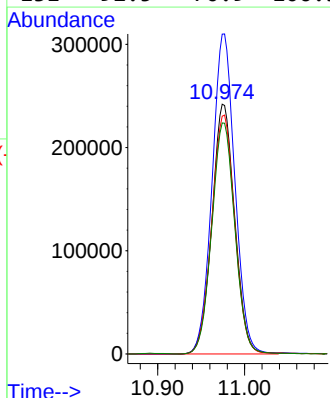
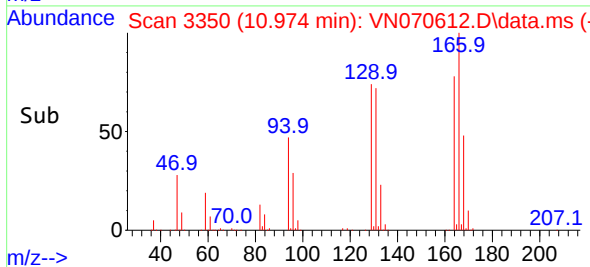
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

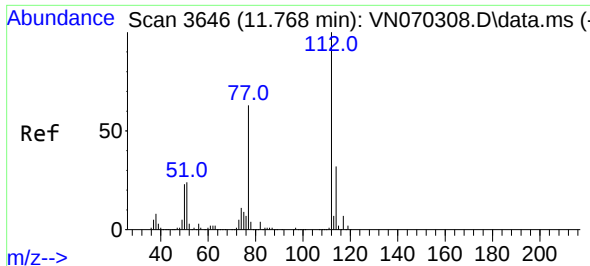


#64
Tetrachloroethene
Concen: 44.980 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



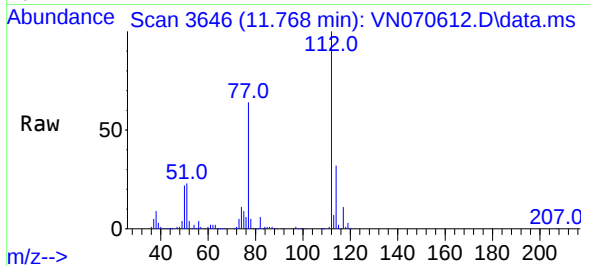
Tgt Ion:164 Resp: 440288
Ion Ratio Lower Upper
164 100
166 128.1 101.9 152.9
129 95.2 72.0 108.0
131 92.5 70.9 106.3





#65
Chlorobenzene
Concen: 49.401 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

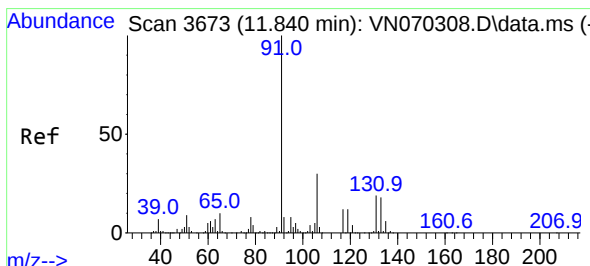
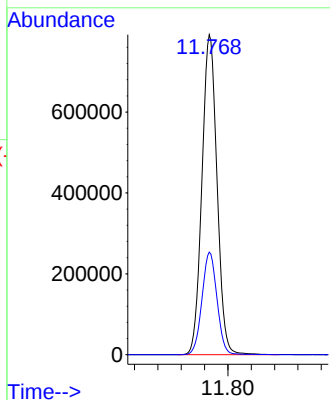
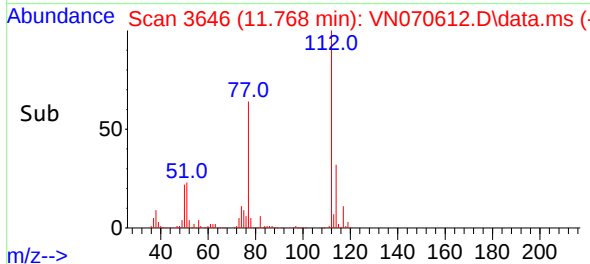
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



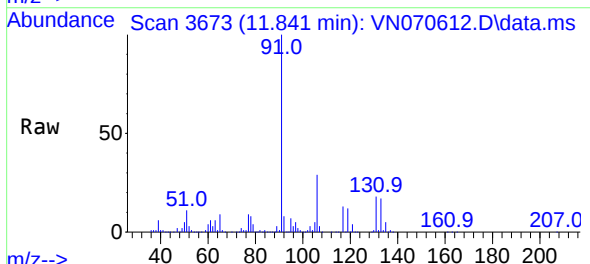
Tgt Ion:112 Resp: 141686
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

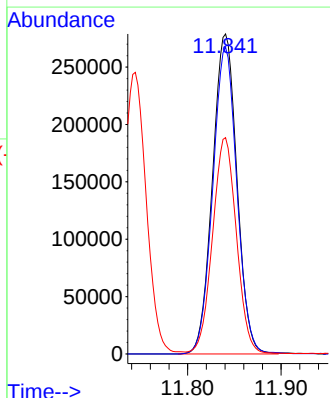
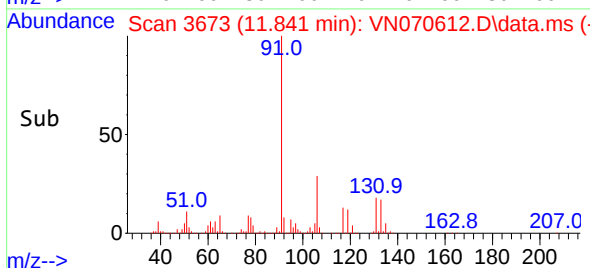
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

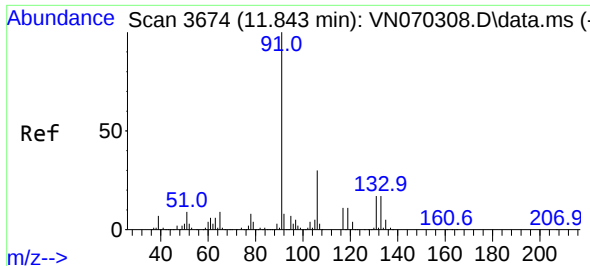


#66
1,1,1,2-Tetrachloroethane
Concen: 49.370 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. 0.001 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



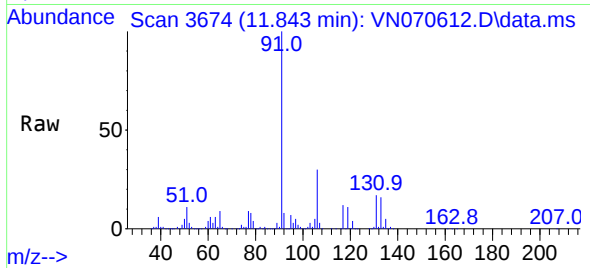
Tgt Ion:131 Resp: 505503
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 66.0 32.1 96.5





#67
Ethyl Benzene
Concen: 50.712 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

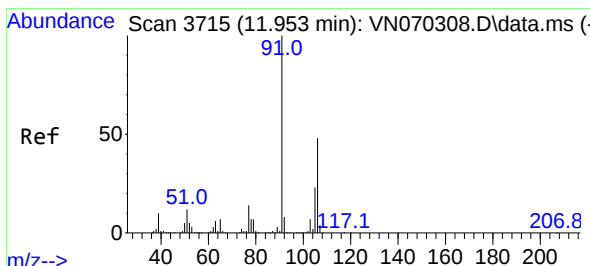
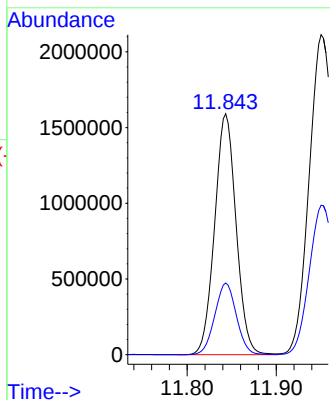
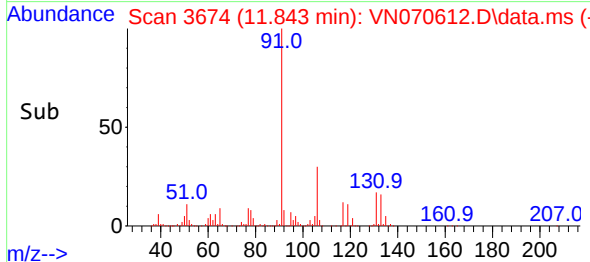
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



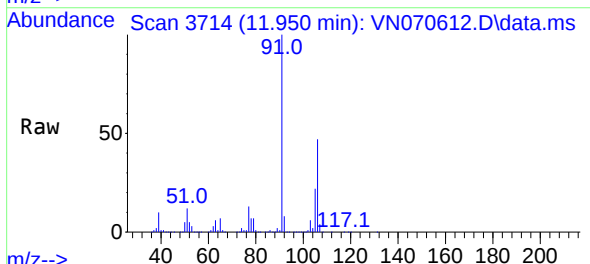
Tgt Ion: 91 Resp: 2664919
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

Manual Integrations
APPROVED

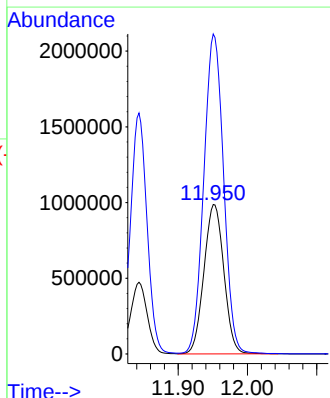
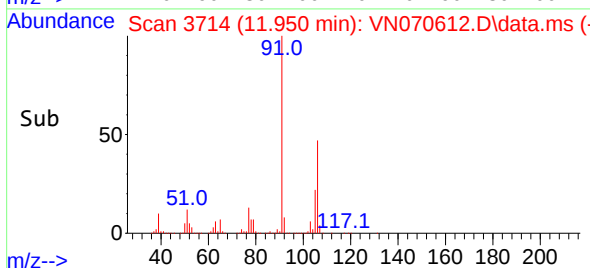
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

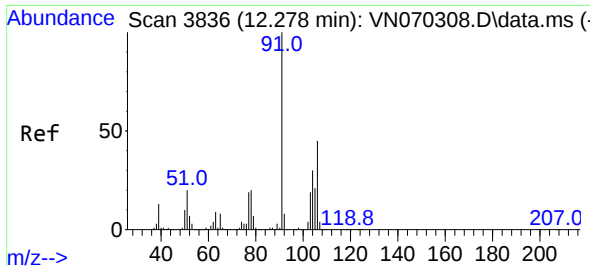


#68
m/p-Xylenes
Concen: 103.069 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



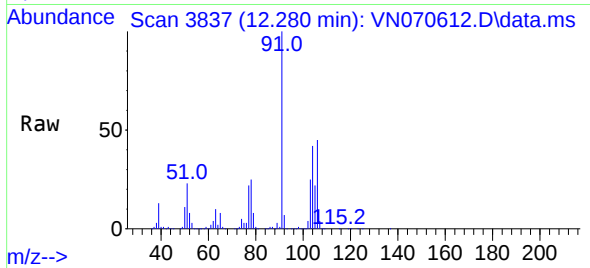
Tgt Ion:106 Resp: 1971555
Ion Ratio Lower Upper
106 100
91 212.6 160.6 240.8





#69
o-Xylene
Concen: 51.744 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

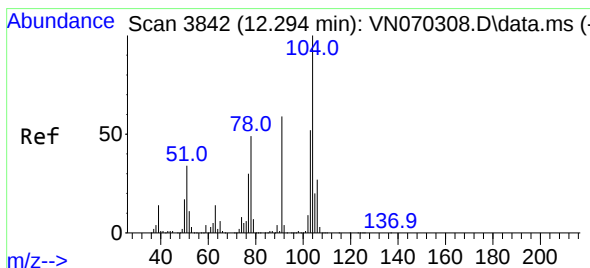
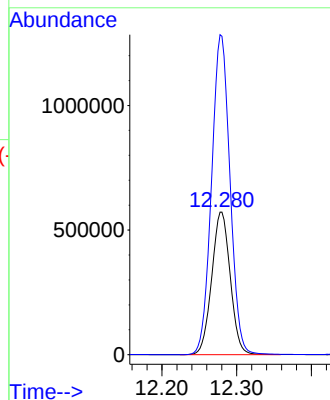
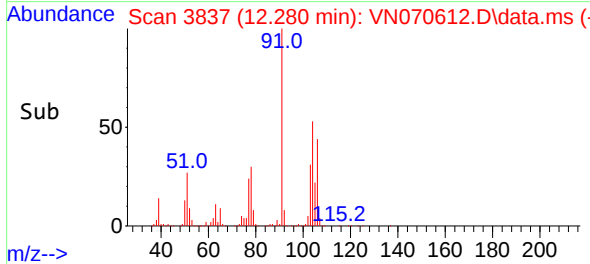
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



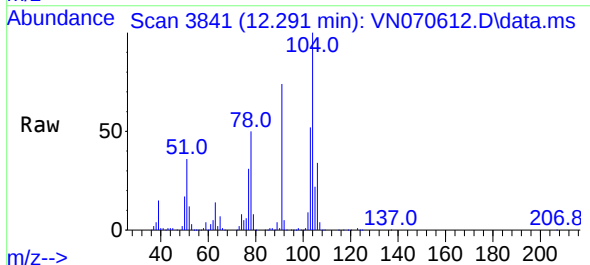
Tgt Ion:106 Resp: 984500
Ion Ratio Lower Upper
106 100
91 223.8 105.8 317.3

Manual Integrations
APPROVED

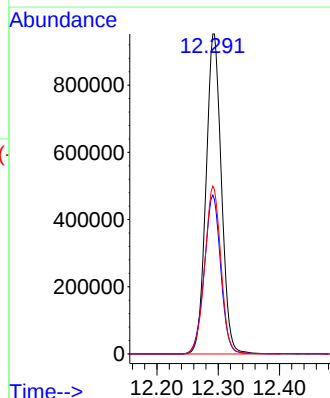
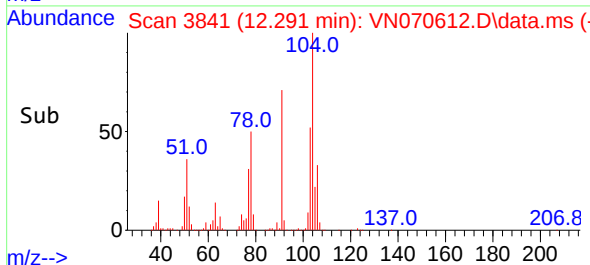
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

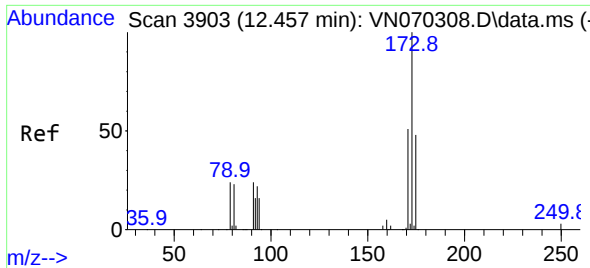


#70
Styrene
Concen: 55.079 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



Tgt Ion:104 Resp: 1658612
Ion Ratio Lower Upper
104 100
78 53.0 38.7 58.1
103 55.4 45.0 67.6





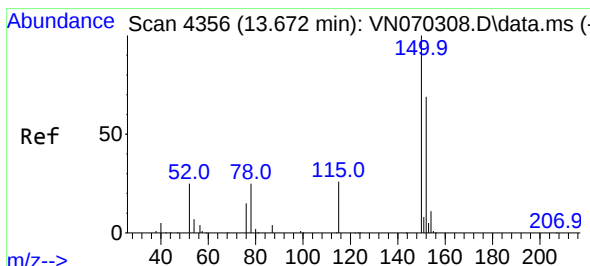
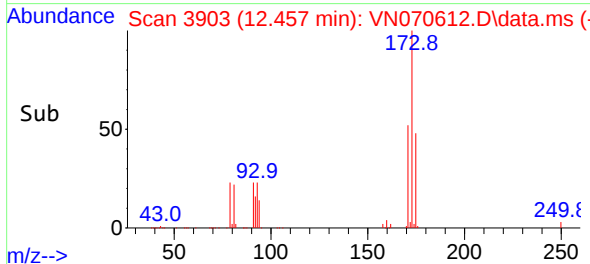
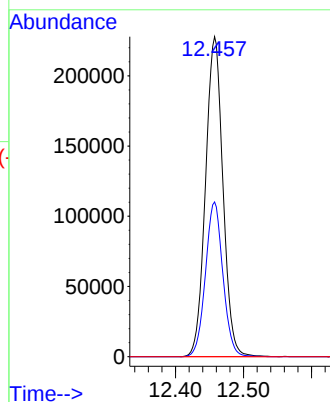
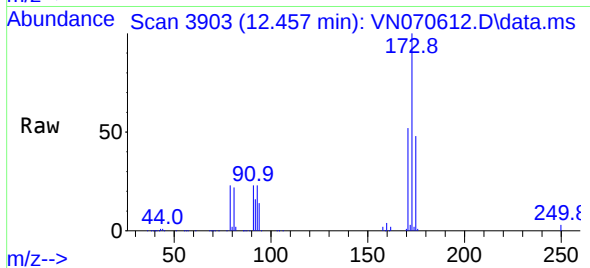
#71
Bromoform
Concen: 53.419 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 405930
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

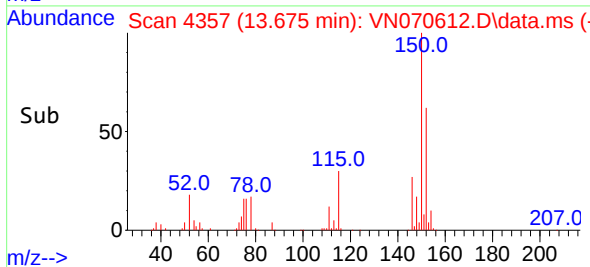
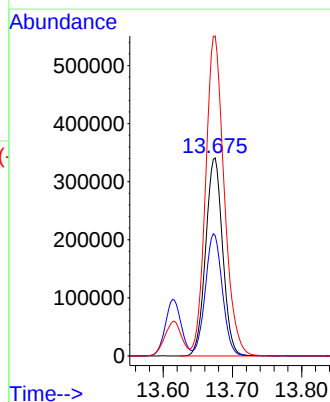
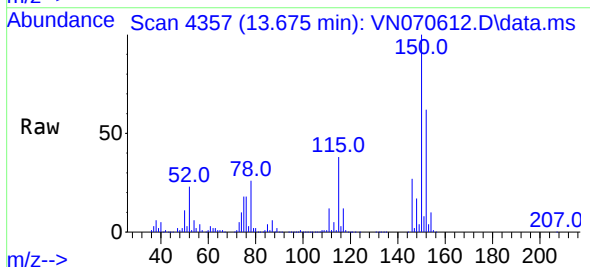
Manual Integrations
APPROVED

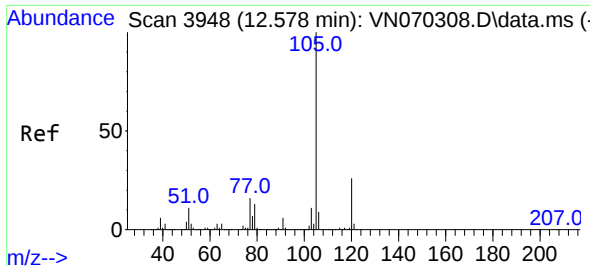
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

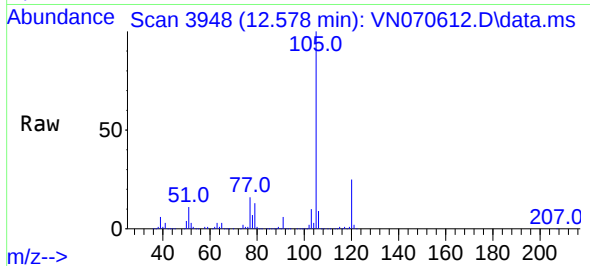
Tgt Ion:152 Resp: 581540
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 176.8 0.0 344.4





#73
Isopropylbenzene
Concen: 48.416 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

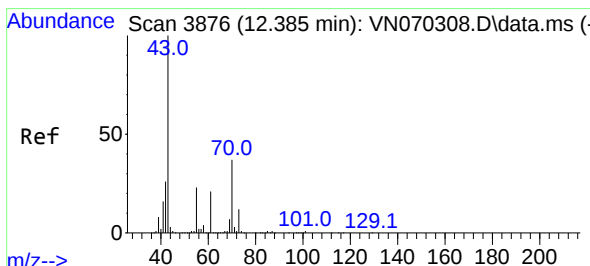
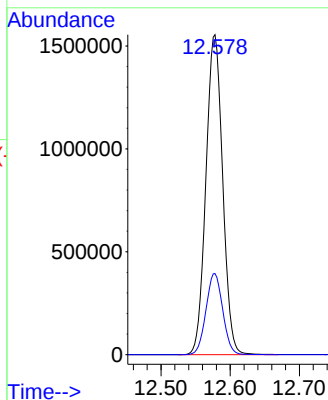
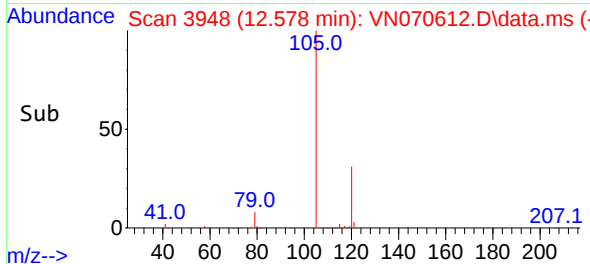
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



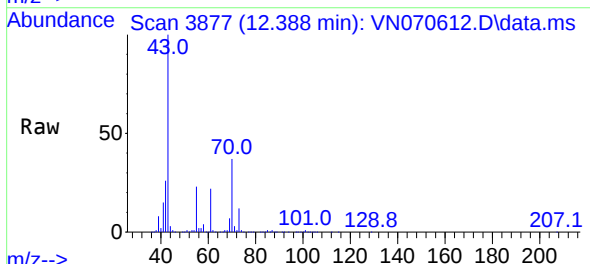
Tgt Ion:105 Resp: 2614704
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

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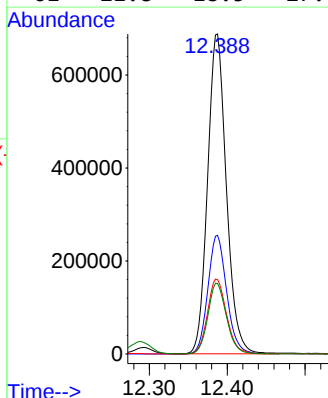
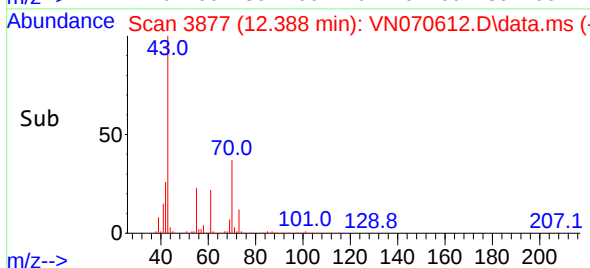
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

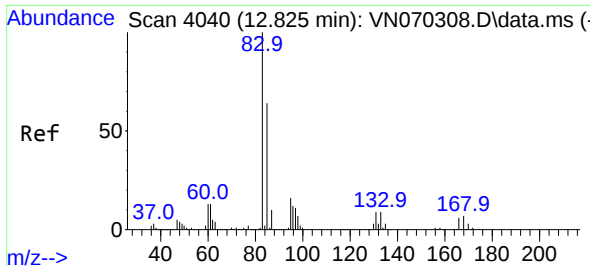


#74
N-ethyl acetate
Concen: 50.721 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



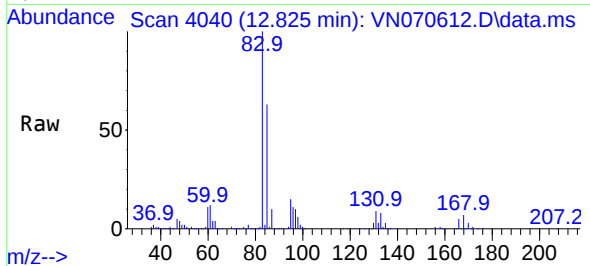
Tgt Ion: 43 Resp: 1151720
Ion Ratio Lower Upper
43 100
70 37.3 33.4 50.0
55 23.9 19.3 28.9
61 21.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.531 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

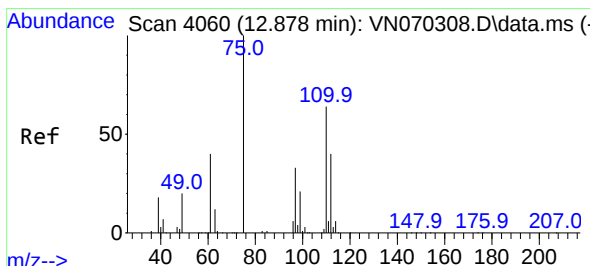
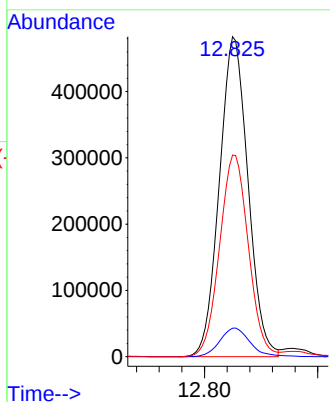
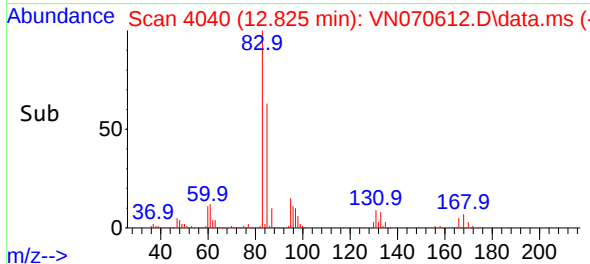
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



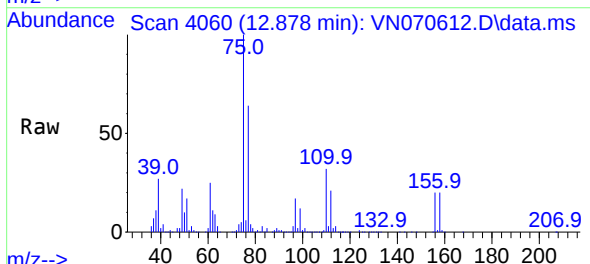
Tgt Ion: 83 Resp: 845794
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 63.5 32.4 97.2

Manual Integrations
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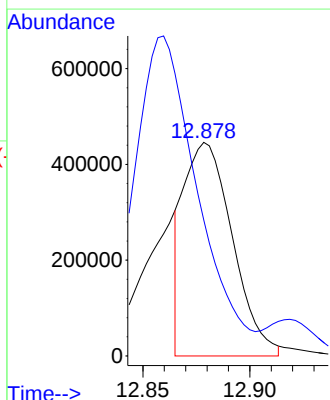
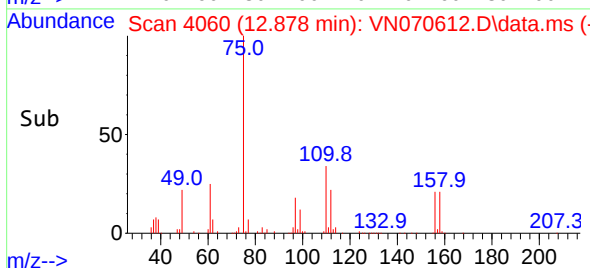
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

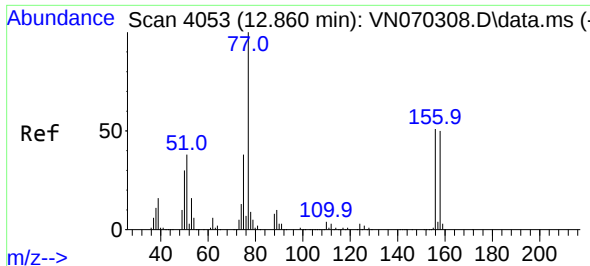


#76
1,2,3-Trichloropropane
Concen: 41.411 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



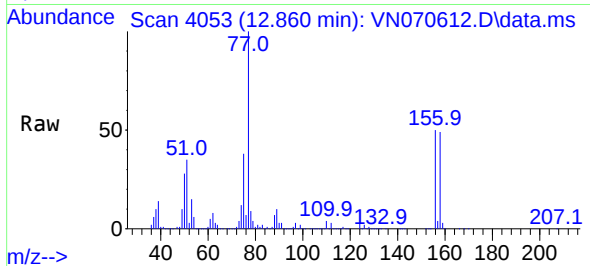
Tgt Ion: 75 Resp: 704400
Ion Ratio Lower Upper
75 100
77 196.1 82.6 247.8





#77
Bromobenzene
Concen: 47.691 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

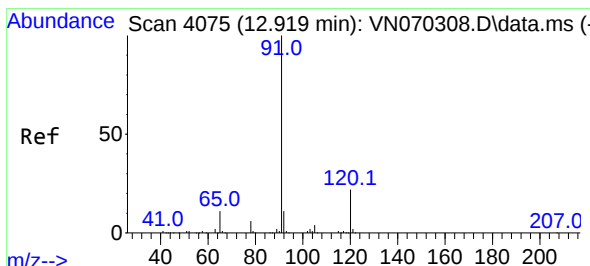
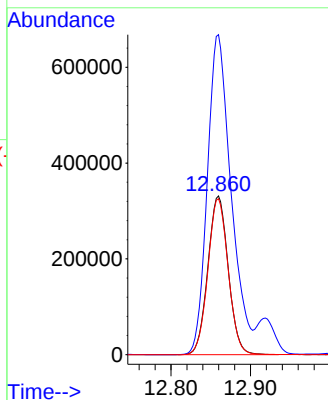
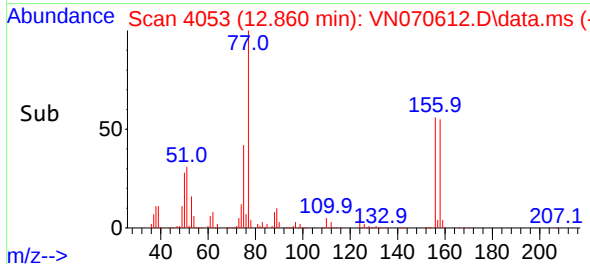
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



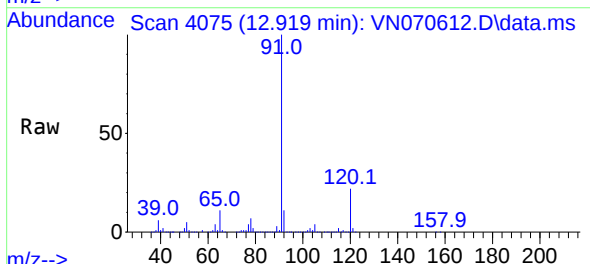
Tgt Ion:156 Resp: 591299
Ion Ratio Lower Upper
156 100
77 233.6 90.6 271.8
158 97.9 48.9 146.7

Manual Integrations
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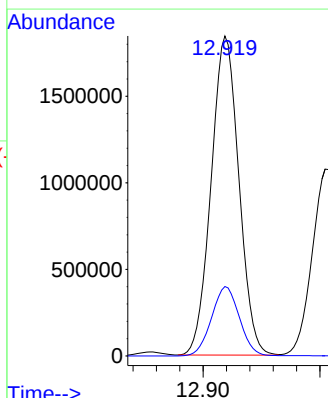
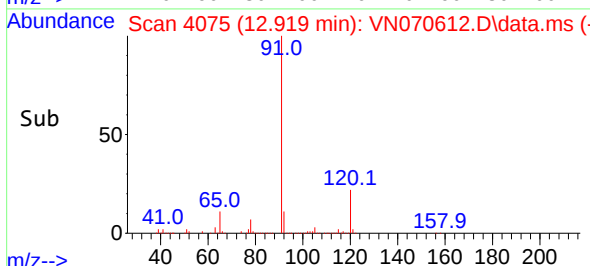
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

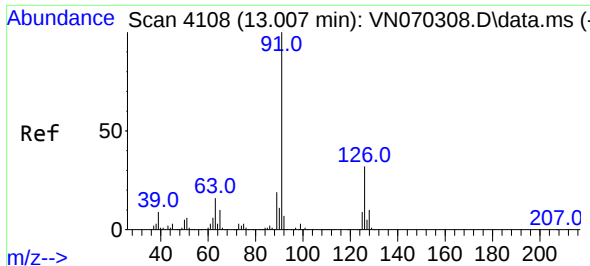


#78
n-propylbenzene
Concen: 50.851 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



Tgt Ion: 91 Resp: 3042745
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





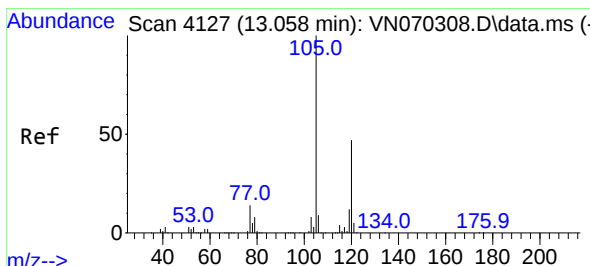
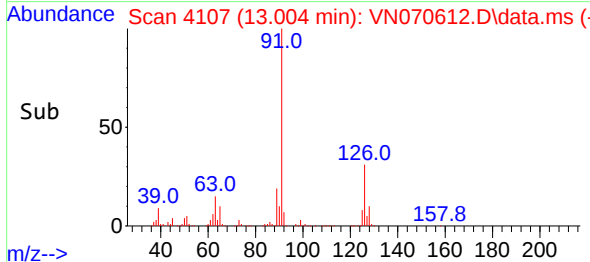
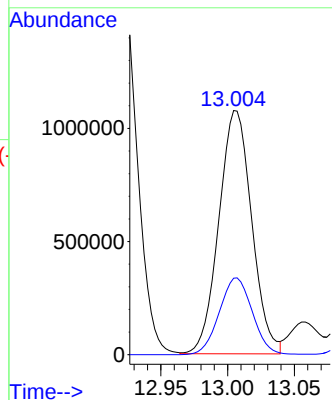
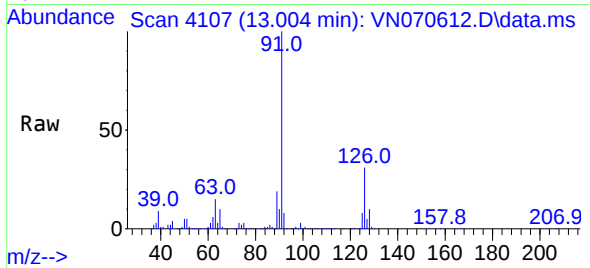
#79
2-Chlorotoluene
Concen: 48.084 ug/l
RT: 13.004 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1846050
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

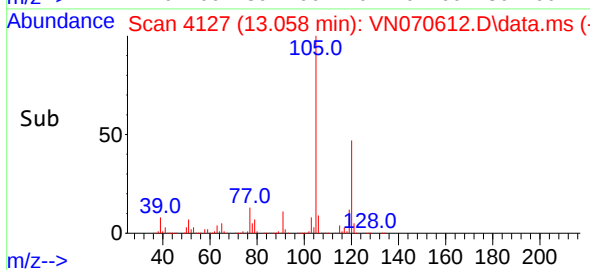
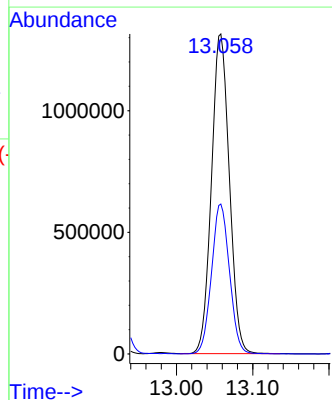
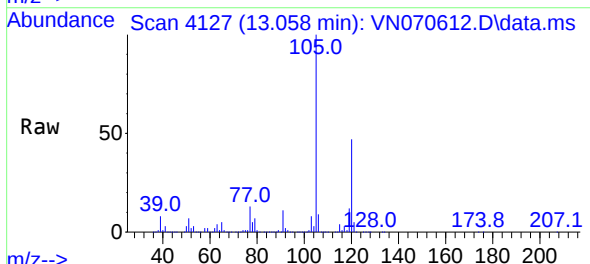
Manual Integrations
APPROVED

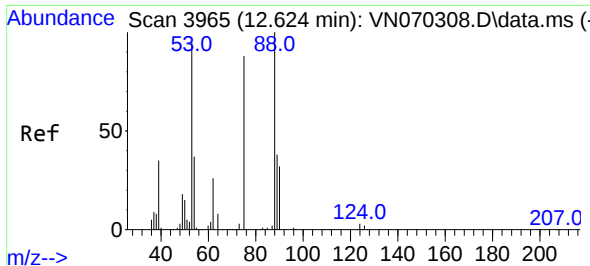
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.487 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

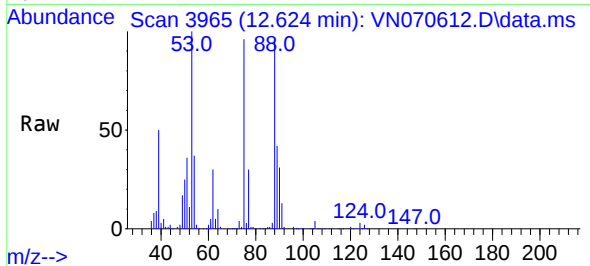
Tgt Ion:105 Resp: 2141613
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 54.750 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

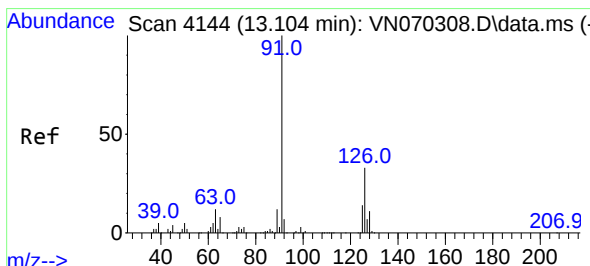
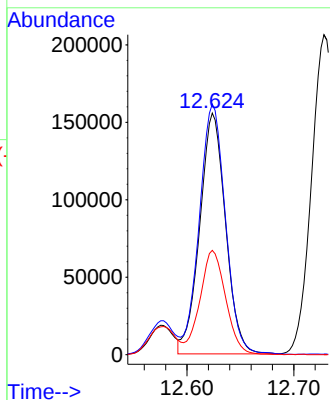
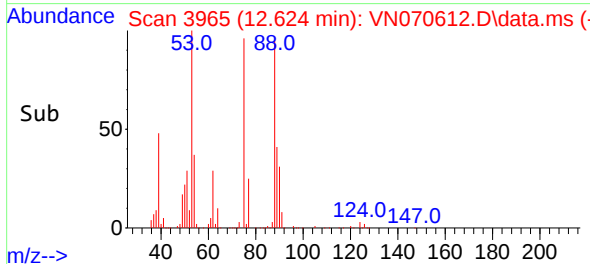
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



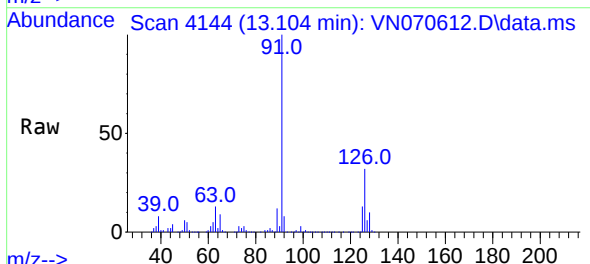
Tgt Ion: 75 Resp: 260599
Ion Ratio Lower Upper
75 100
53 105.1 90.5 135.7
89 43.3 38.2 57.4

Manual Integrations
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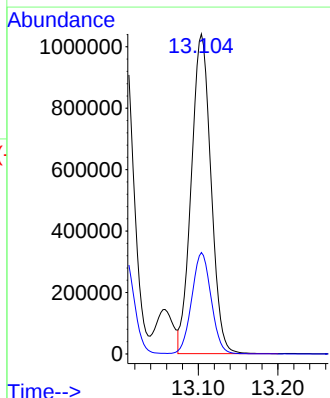
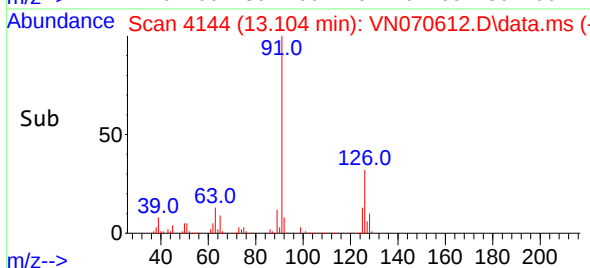
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

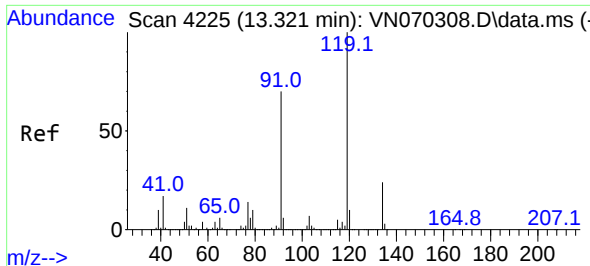


#82
4-Chlorotoluene
Concen: 49.541 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



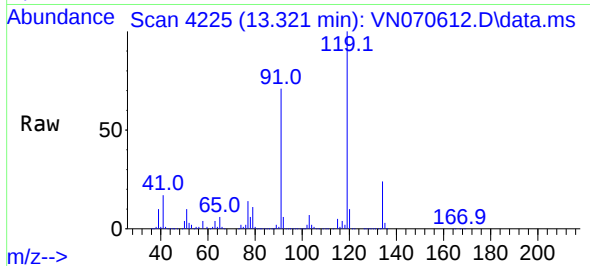
Tgt Ion: 91 Resp: 1781633
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.532 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

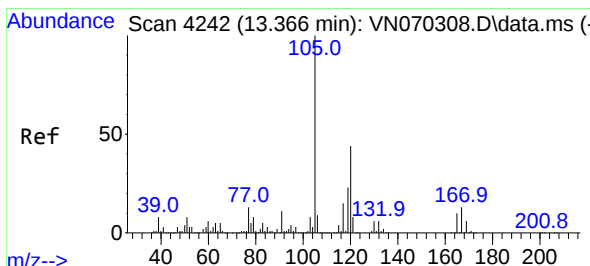
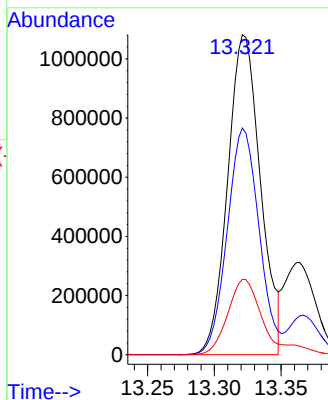
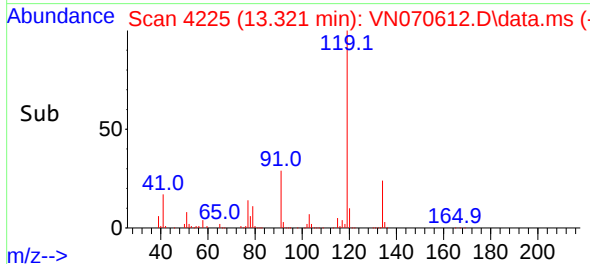
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



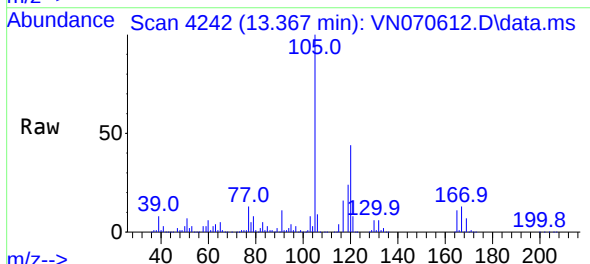
Tgt Ion:119 Resp: 184940
Ion Ratio Lower Upper
119 100
91 69.1 31.5 94.5
134 25.8 12.4 37.4

Manual Integrations
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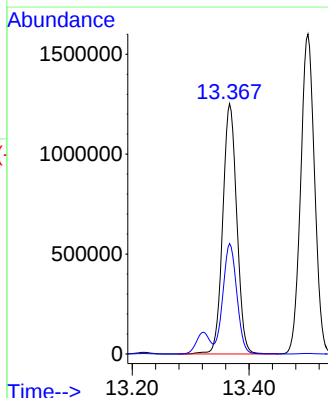
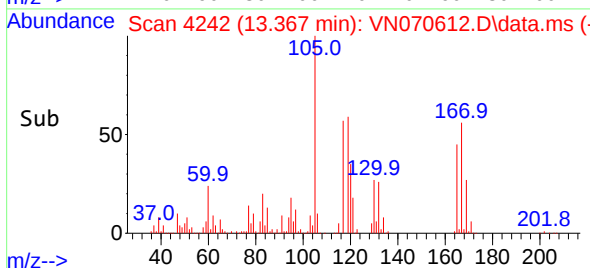
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

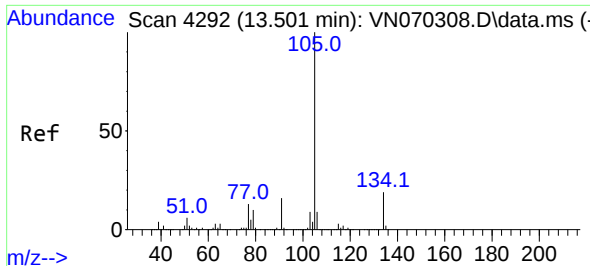


#84
1,2,4-Trimethylbenzene
Concen: 50.233 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



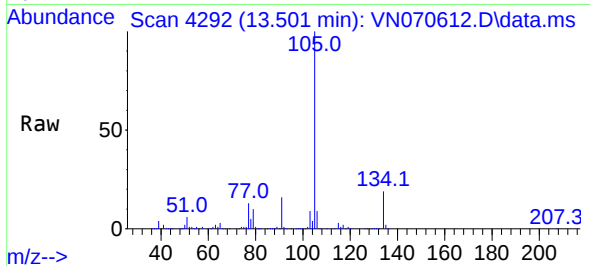
Tgt Ion:105 Resp: 2093325
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 50.996 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070612.D
 Acq: 13 Jan 2022 17:16

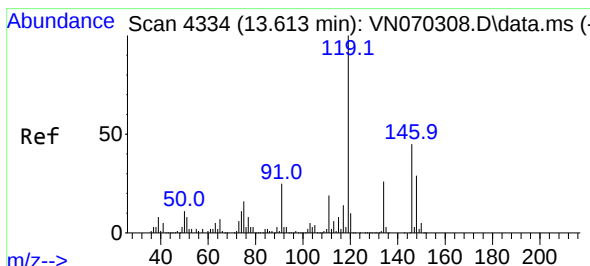
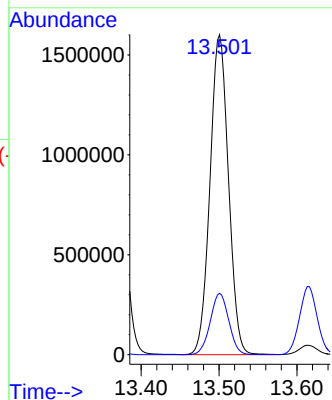
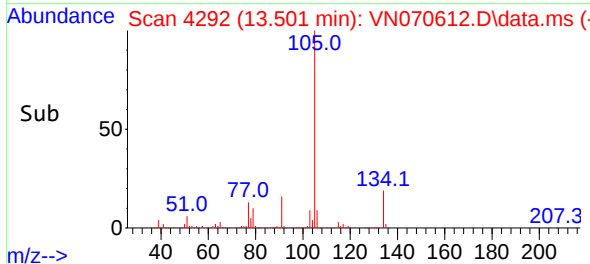
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



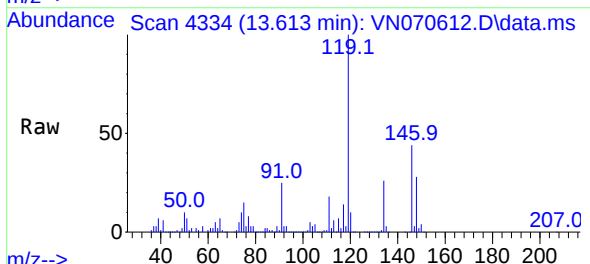
Tgt Ion:105 Resp: 263832
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

Manual Integrations
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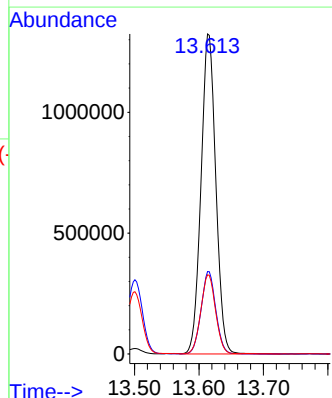
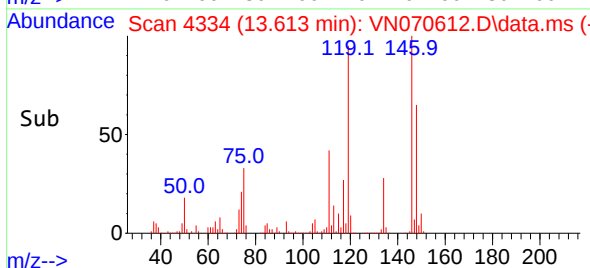
Reviewed By :John Carlone 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022

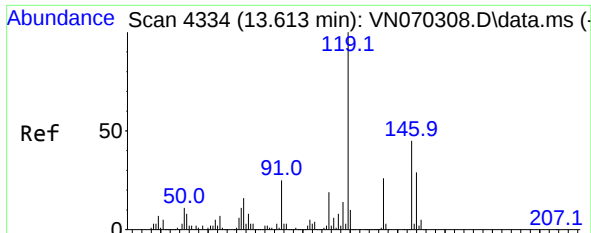


#86
 p-Isopropyltoluene
 Concen: 51.821 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070612.D
 Acq: 13 Jan 2022 17:16



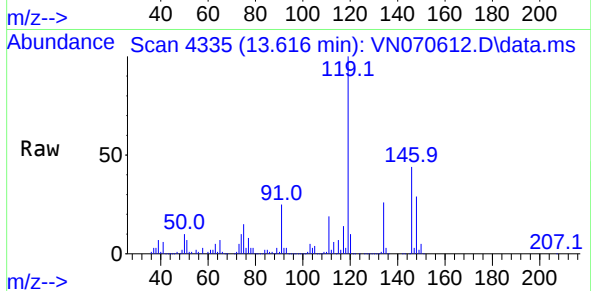
Tgt Ion:119 Resp: 2106035
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 24.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.635 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

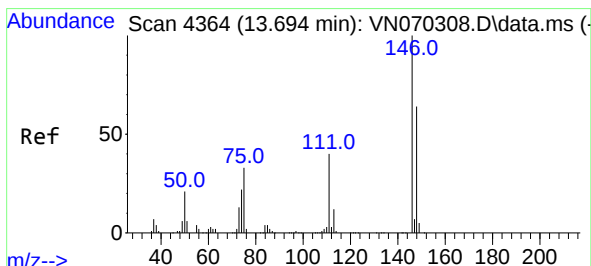
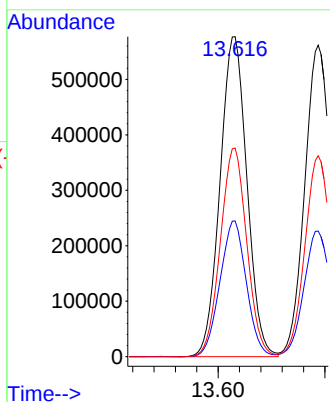
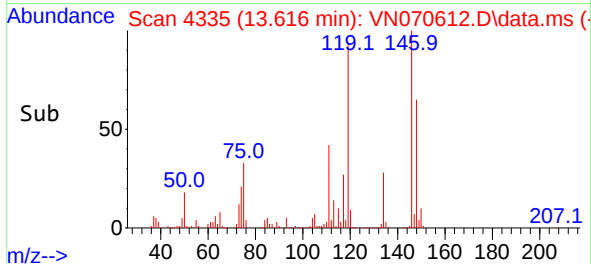
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



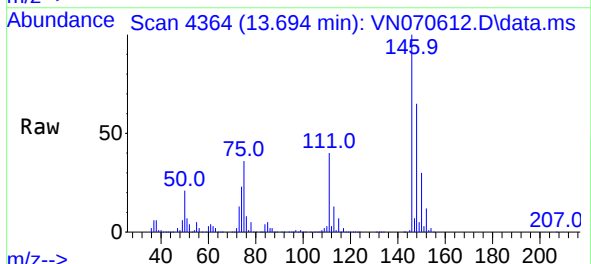
Tgt Ion:146 Resp: 1009440
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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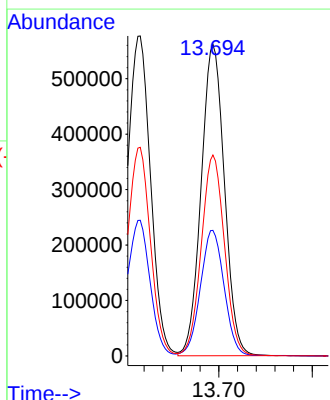
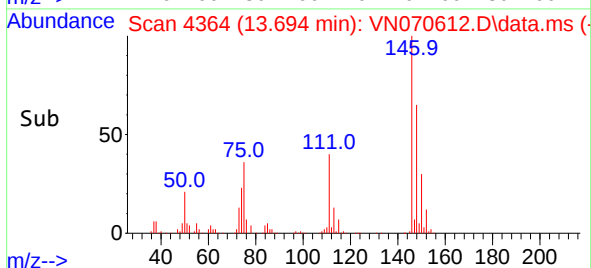
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

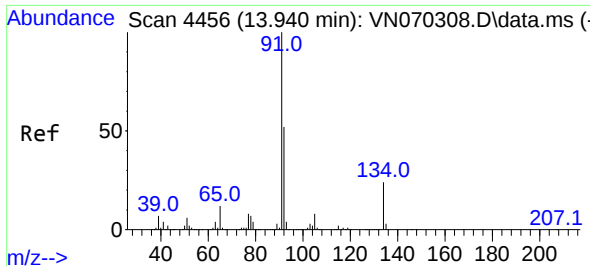


#88
1,4-Dichlorobenzene
Concen: 47.449 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



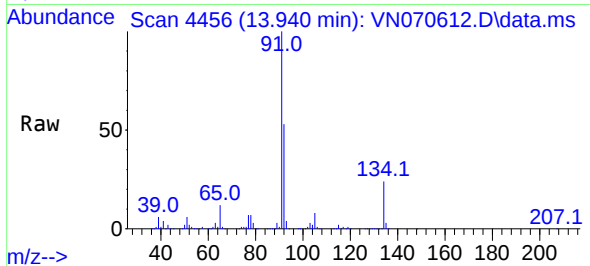
Tgt Ion:146 Resp: 971456
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 52.931 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

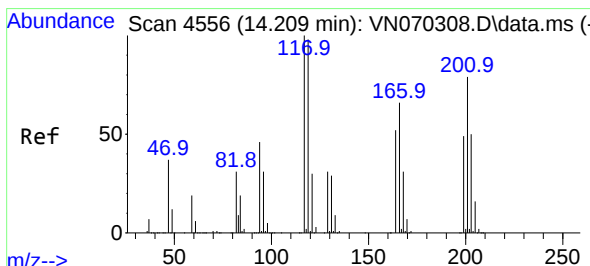
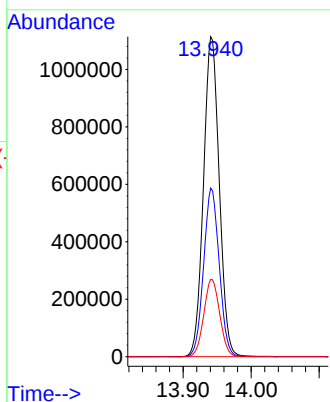
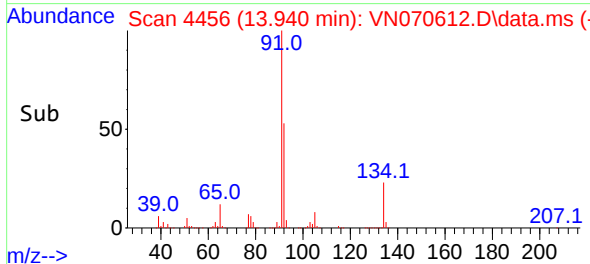
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 179426
Ion Ratio Lower Upper
91 100
92 52.2 25.4 76.0
134 24.5 13.6 40.8

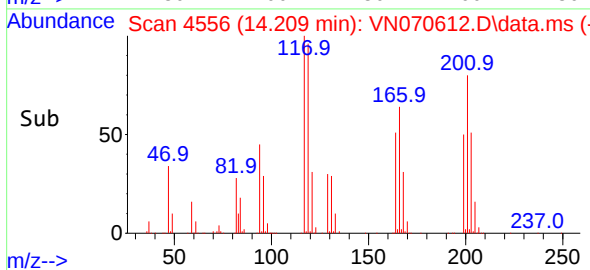
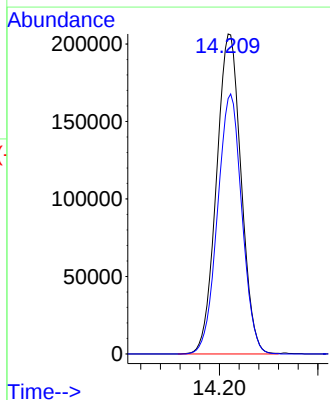
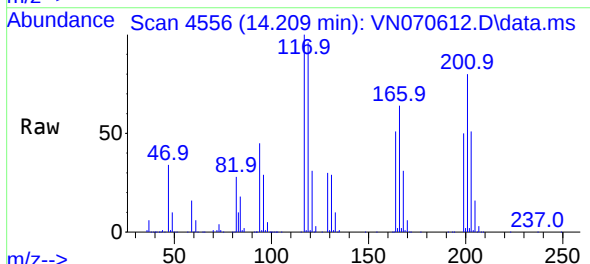
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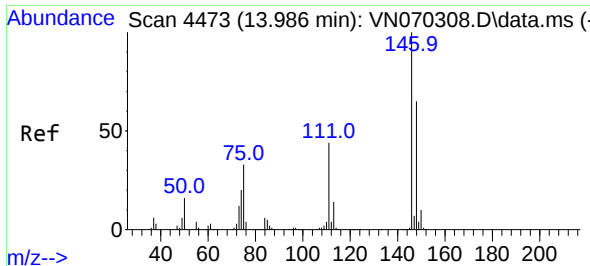
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#90
Hexachloroethane
Concen: 50.983 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

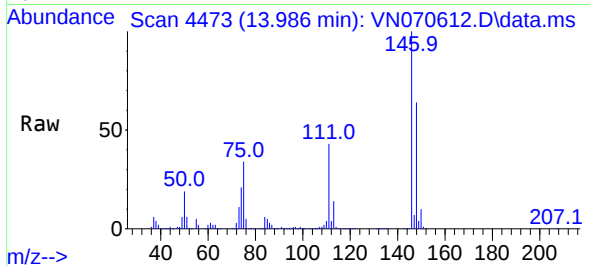
Tgt Ion:117 Resp: 359954
Ion Ratio Lower Upper
117 100
201 80.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 47.718 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

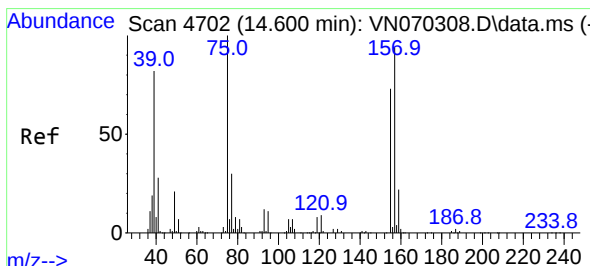
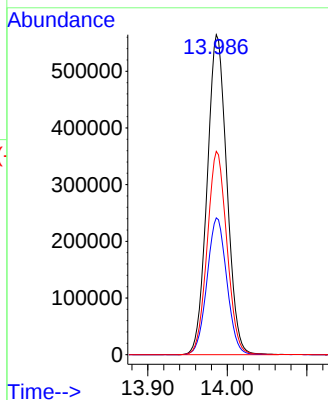
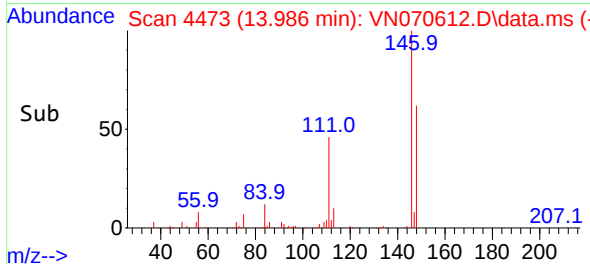
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



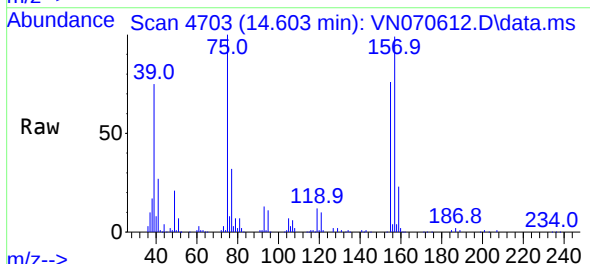
Tgt Ion:146 Resp: 970928
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.6 32.1 96.3

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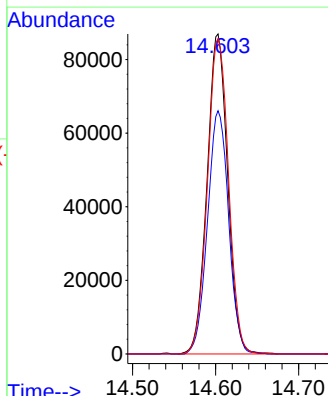
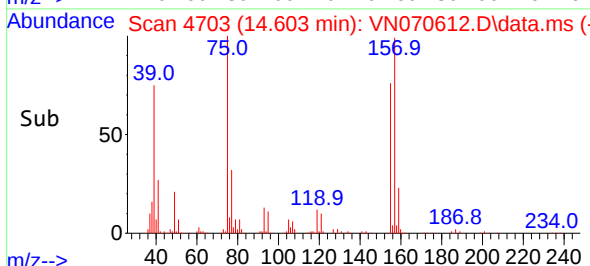
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

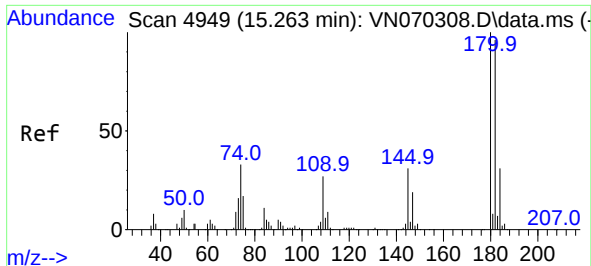


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.036 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



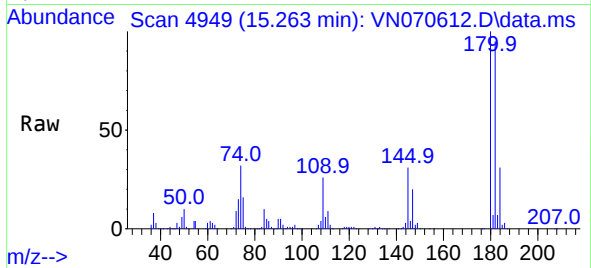
Tgt Ion: 75 Resp: 150279
Ion Ratio Lower Upper
75 100
155 77.9 46.9 140.7
157 100.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 54.492 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

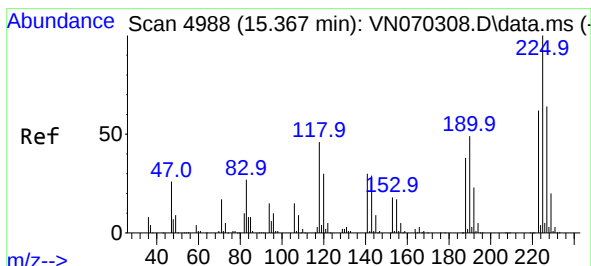
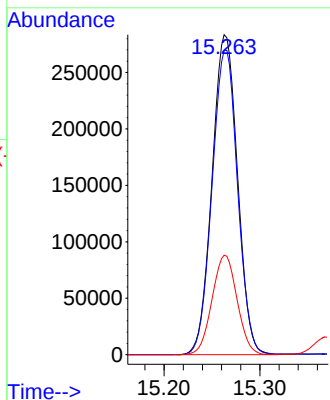
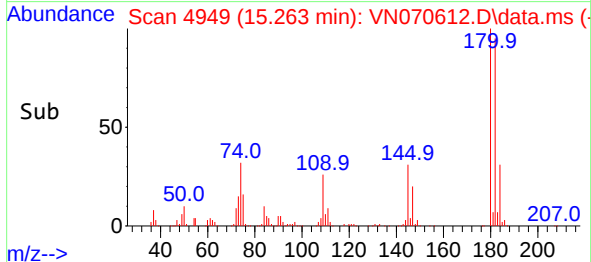
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



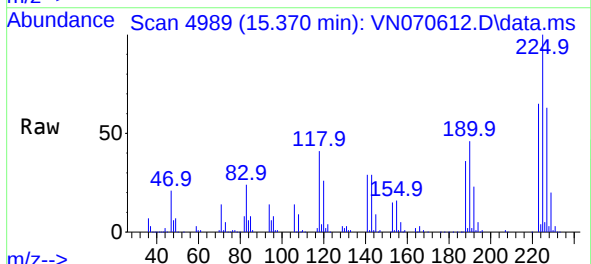
Tgt Ion:180 Resp: 522429
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 30.6 14.5 43.5

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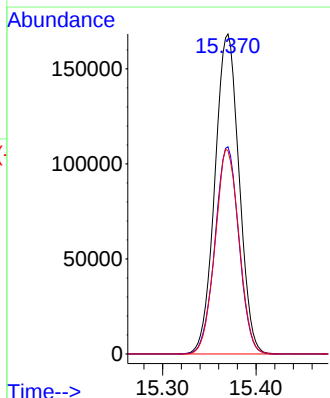
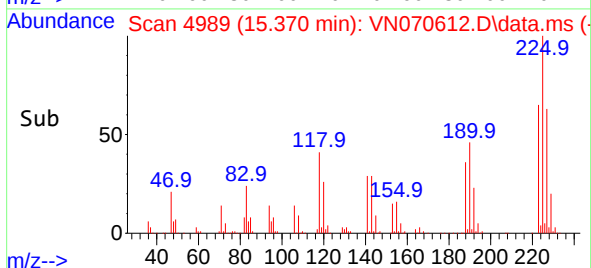
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

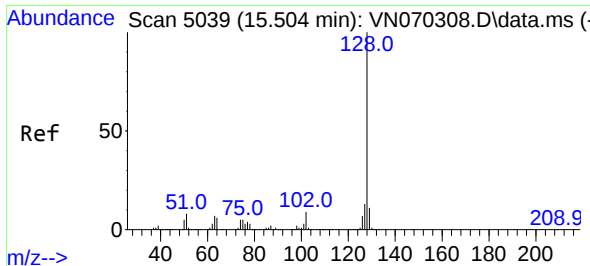


#94
Hexachlorobutadiene
Concen: 54.472 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



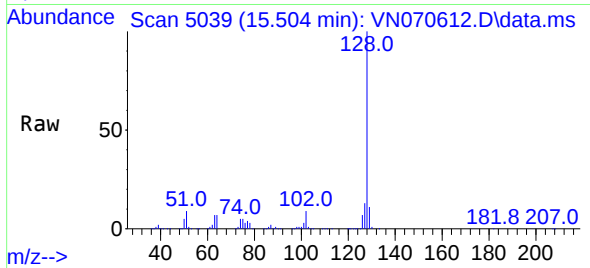
Tgt Ion:225 Resp: 303517
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 63.3 32.1 96.3





#95
Naphthalene
Concen: 51.880 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16

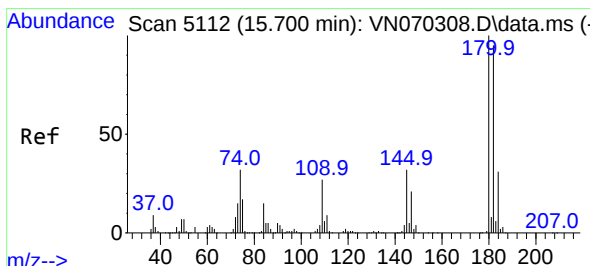
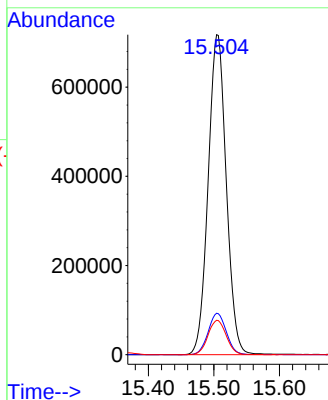
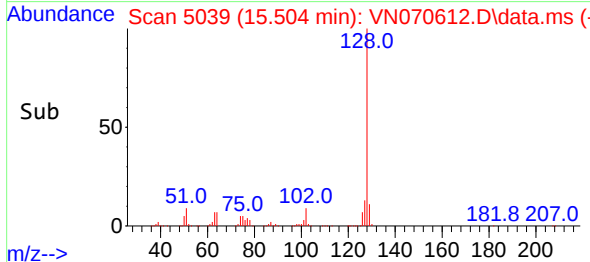
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



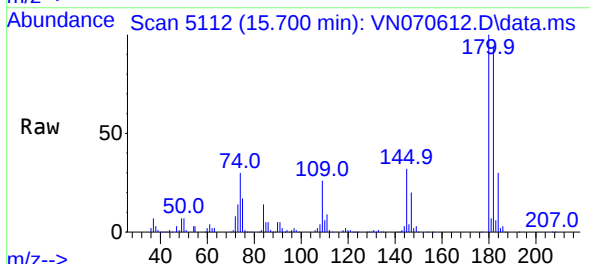
Tgt Ion:128 Resp: 1376504
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.232 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070612.D
Acq: 13 Jan 2022 17:16



Tgt Ion:180 Resp: 507313
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 32.1 15.0 45.1

