

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069930.D
 Acq On : 9 Dec 2021 23:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 06:25:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	990858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1645805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1551654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	631663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	784561	51.282	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.560%			
35) Dibromofluoromethane	8.021	113	539478	52.331	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.660%			
50) Toluene-d8	10.441	98	2105879	50.874	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.731	95	762443	50.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	561961	48.626	ug/l	100
3) Chloromethane	2.303	50	665423	45.959	ug/l	99
4) Vinyl Chloride	2.448	62	654573	49.168	ug/l	98
5) Bromomethane	2.842	94	366832	50.718	ug/l	100
6) Chloroethane	3.014	64	397408	48.713	ug/l	97
7) Trichlorofluoromethane	3.376	101	876099	50.141	ug/l	98
8) Diethyl Ether	3.824	74	349189	51.889	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	509199	51.988	ug/l	95
10) Methyl Iodide	4.419	142	640875	47.896	ug/l	98
11) Tert butyl alcohol	5.382	59	628612	217.373	ug/l	98
12) 1,1-Dichloroethene	4.178	96	477909	50.635	ug/l	88
13) Acrolein	4.041	56	674947	274.071	ug/l	100
14) Allyl chloride	4.841	41	1107276	52.063	ug/l	94
15) Acrylonitrile	5.554	53	1867951	239.711	ug/l	99
16) Acetone	4.285	43	1765934	191.888	ug/l	95
17) Carbon Disulfide	4.529	76	1294426	53.085	ug/l	100
18) Methyl Acetate	4.854	43	1324456	47.679	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1898626	51.736	ug/l	97
20) Methylene Chloride	5.095	84	595972	48.713	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	517321	50.463	ug/l	84
22) Diisopropyl ether	6.498	45	2265248	54.493	ug/l #	93
23) Vinyl Acetate	6.434	43	9184670	271.581	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1138682	52.880	ug/l	98
25) 2-Butanone	7.335	43	2754998	220.327	ug/l	91
26) 2,2-Dichloropropane	7.327	77	854883	51.061	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	632588	51.074	ug/l	86
28) Bromochloromethane	7.657	49	573520	51.218	ug/l #	77
29) Tetrahydrofuran	7.686	42	1788213	235.514	ug/l	87
30) Chloroform	7.818	83	1132173	52.060	ug/l	100
31) Cyclohexane	8.096	56	1048293	49.237	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	989447	53.413	ug/l	95
36) 1,1-Dichloropropene	8.223	75	813141	51.900	ug/l	96
37) Ethyl Acetate	7.413	43	1097007	47.043	ug/l	95
38) Carbon Tetrachloride	8.206	117	857824	55.834	ug/l	100
39) Methylcyclohexane	9.459	83	953783	51.179	ug/l	90
40) Benzene	8.461	78	2469872	51.574	ug/l	99

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Quant Time: Dec 10 06:25:18 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M

Quant Title : SW846 8260

QLast Update : Fri Dec 03 08:46:47 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	557605	50.938	ug/l	89
42) 1,2-Dichloroethane	8.531	62	990799	51.252	ug/l	97
43) Isopropyl Acetate	8.560	43	1764690	51.138	ug/l #	93
44) Trichloroethene	9.215	130	577527	50.526	ug/l	89
45) 1,2-Dichloropropane	9.488	63	686388	53.373	ug/l	97
46) Dibromomethane	9.577	93	439634	52.126	ug/l	92
47) Bromodichloromethane	9.762	83	923739	57.847	ug/l	100
48) Methyl methacrylate	9.558	41	827718	51.397	ug/l	88
49) 1,4-Dioxane	9.569	88	237983	823.582	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	5683662	253.886	ug/l	94
52) Toluene	10.505	92	1528781	52.288	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	964324	50.190	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1026398	50.876	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	609091	51.632	ug/l	98
56) Ethyl methacrylate	10.760	69	1058168	47.652	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1076405	51.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1242431	209.883	ug/l	91
59) 2-Hexanone	11.084	43	3958164	233.730	ug/l	92
60) Dibromochloromethane	11.237	129	673281	53.112	ug/l	100
61) 1,2-Dibromoethane	11.344	107	632026	51.727	ug/l	100
64) Tetrachloroethene	10.977	164	508354	48.317	ug/l	96
65) Chlorobenzene	11.771	112	1614544	51.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	619627	55.926	ug/l	99
67) Ethyl Benzene	11.843	91	3020712	52.828	ug/l	96
68) m/p-Xylenes	11.953	106	2194181	105.390	ug/l	93
69) o-Xylene	12.280	106	1102487	52.572	ug/l	93
70) Styrene	12.294	104	1801421	54.172	ug/l	96
71) Bromoform	12.457	173	505207	53.132	ug/l #	100
73) Isopropylbenzene	12.578	105	2899947	51.600	ug/l	98
74) N-amyl acetate	12.388	43	1269130	51.063	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	950955	48.932	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	812946m	44.878	ug/l	
77) Bromobenzene	12.860	156	659869	49.987	ug/l	79
78) n-propylbenzene	12.919	91	3301846	52.797	ug/l	96
79) 2-Chlorotoluene	13.007	91	2027017	51.296	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2361855	52.213	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	276942	50.034	ug/l	96
82) 4-Chlorotoluene	13.104	91	1935209	52.074	ug/l	92
83) tert-Butylbenzene	13.324	119	2060598	51.446	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2321108	53.880	ug/l	98
85) sec-Butylbenzene	13.501	105	2856222	52.572	ug/l	97
86) p-Isopropyltoluene	13.616	119	2281861	53.732	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1107649	51.075	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1062990	49.878	ug/l	97
89) n-Butylbenzene	13.940	91	1844963	53.556	ug/l	98
90) Hexachloroethane	14.209	117	463847	62.212	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1063842	50.347	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	179873	51.220	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	481837	46.695	ug/l	97
94) Hexachlorobutadiene	15.370	225	287393	51.320	ug/l	98
95) Naphthalene	15.504	128	1315968	43.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	471452	46.839	ug/l	99

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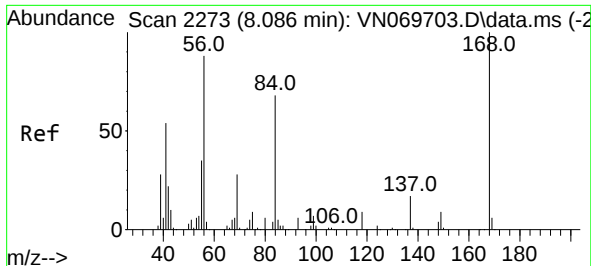
Manual Integrations
APPROVED

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Response via : Initial Calibration

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



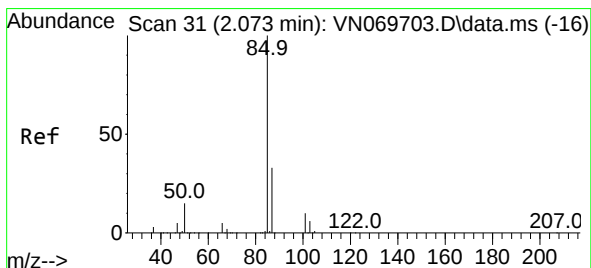
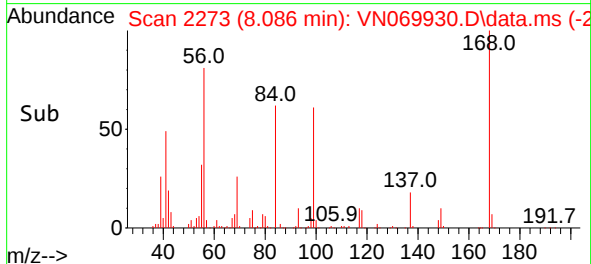
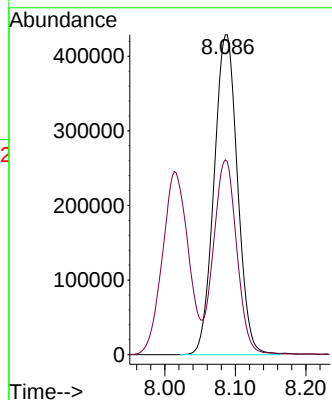
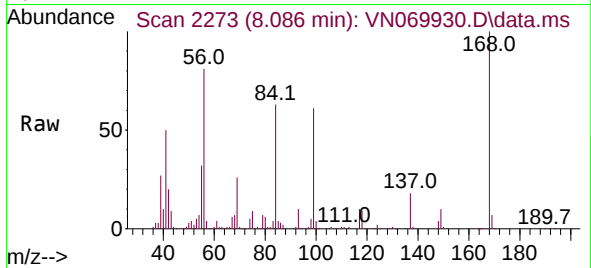
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 990858
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9

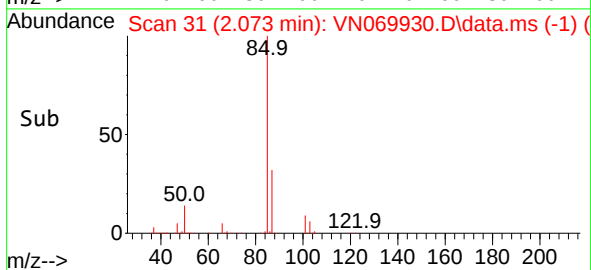
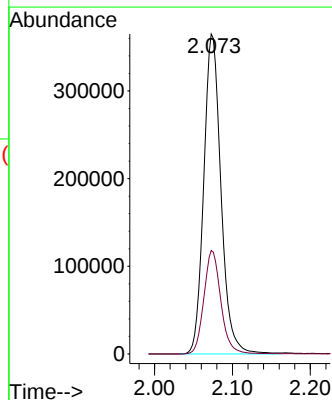
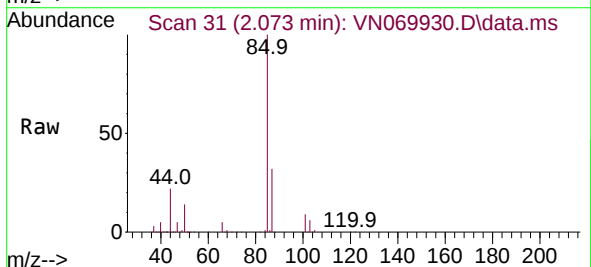
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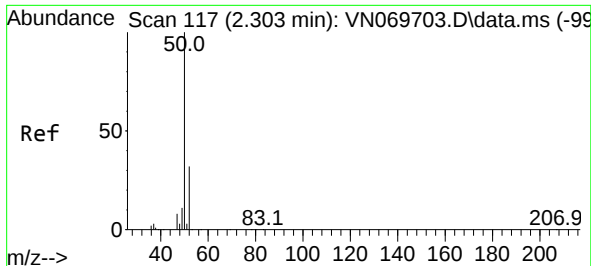
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#2
Dichlorodifluoromethane
Concen: 48.626 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

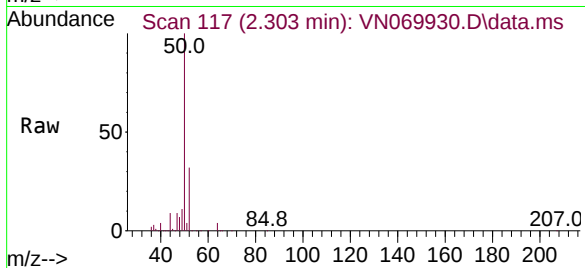
Tgt Ion: 85 Resp: 561961
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 45.959 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

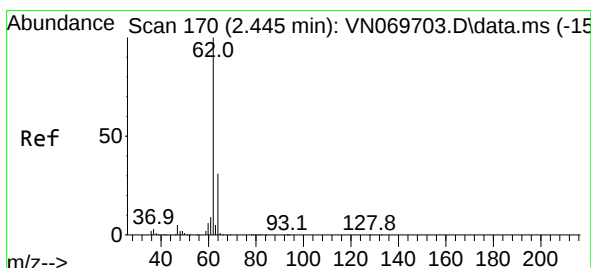
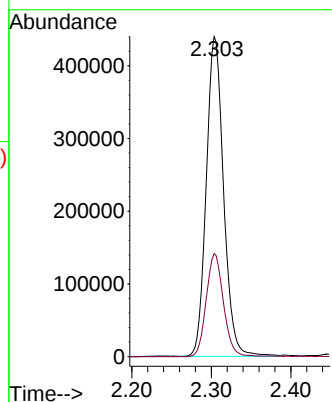
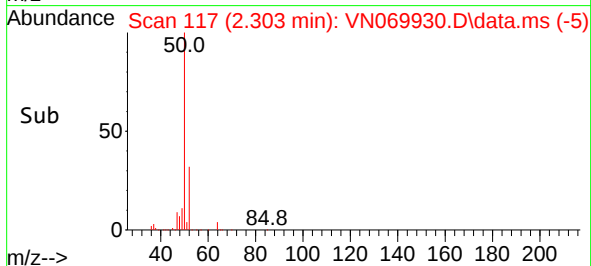
Instrument :
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ClientSampleId :
VSTDCCC050



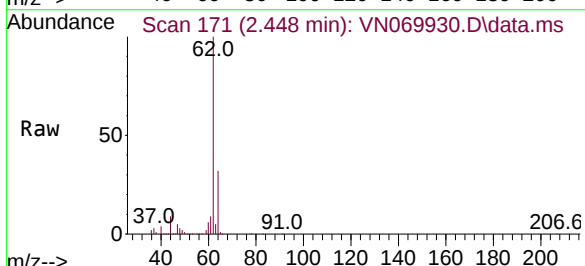
Tgt Ion: 50 Resp: 665423
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

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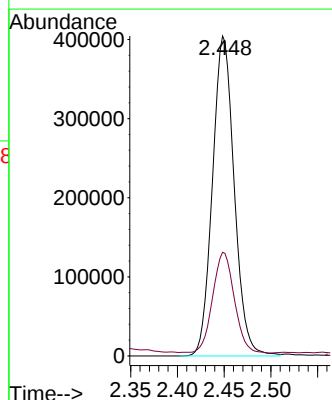
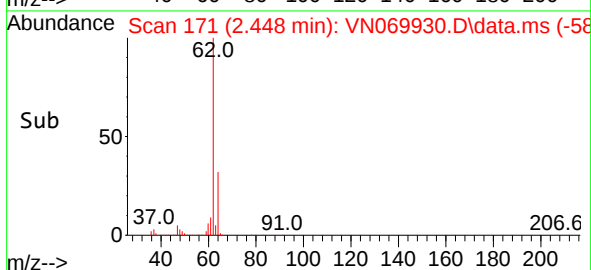
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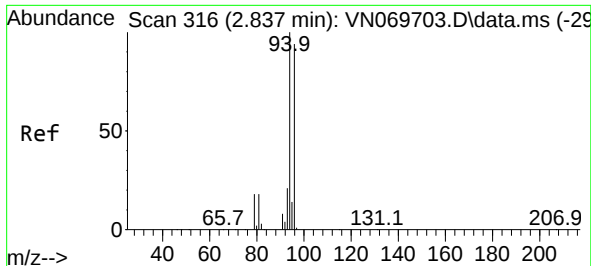


#4
Vinyl Chloride
Concen: 49.168 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



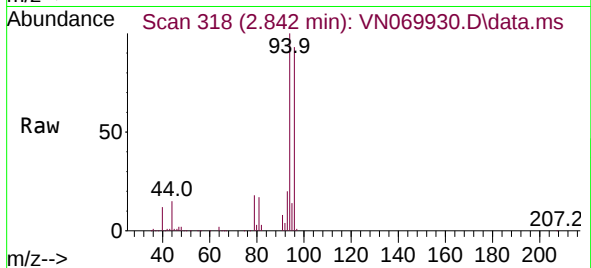
Tgt Ion: 62 Resp: 654573
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 50.718 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.006 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

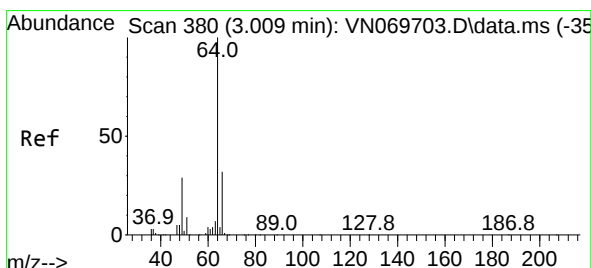
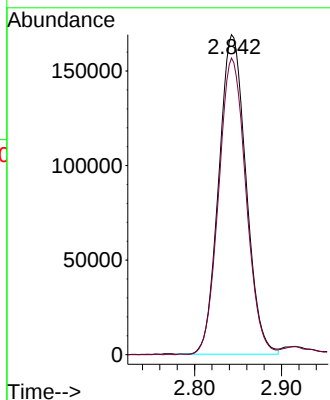
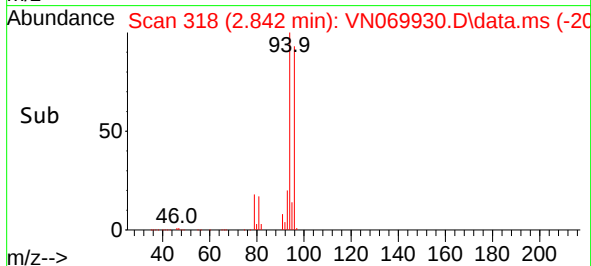
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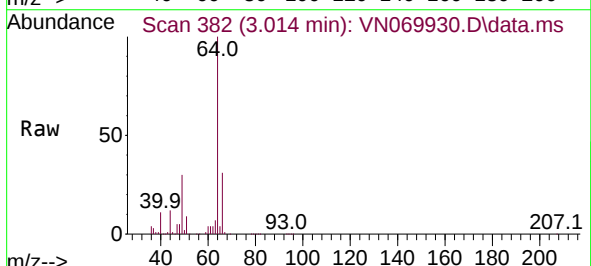
Tgt Ion: 94 Resp: 366832
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.8

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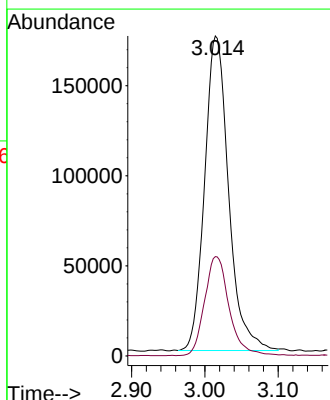
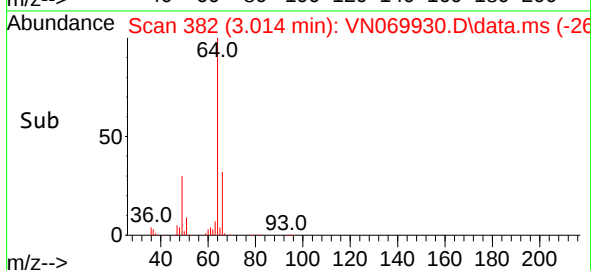
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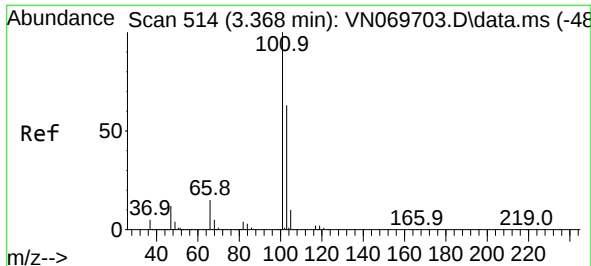


#6
Chloroethane
Concen: 48.713 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



Tgt Ion: 64 Resp: 397408
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





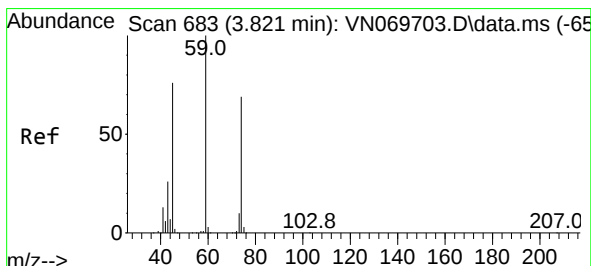
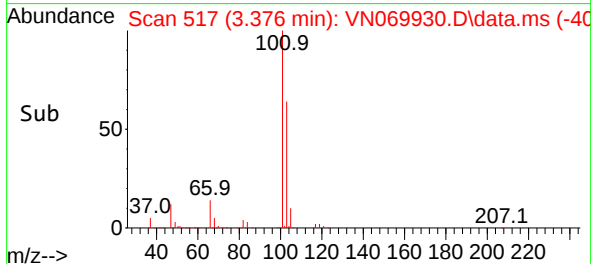
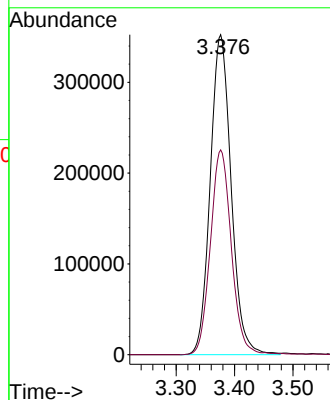
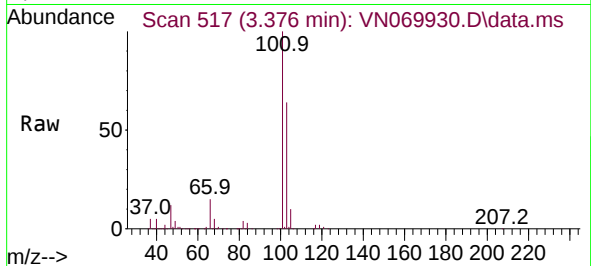
#7
 Trichlorofluoromethane
 Concen: 50.141 ug/l
 RT: 3.376 min Scan# 514
 Delta R.T. 0.008 min
 Lab File: VN069930.D
 Acq: 9 Dec 2021 23:33

Instrument :
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Tgt Ion:101 Resp: 876099
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1

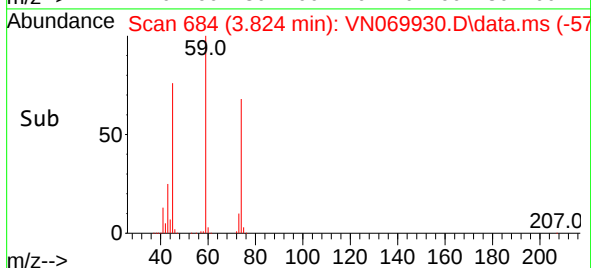
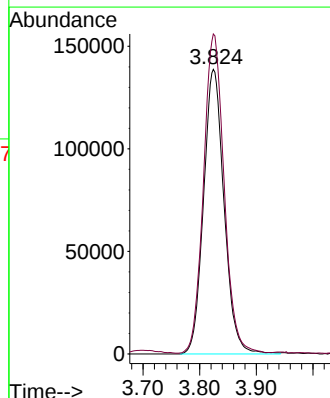
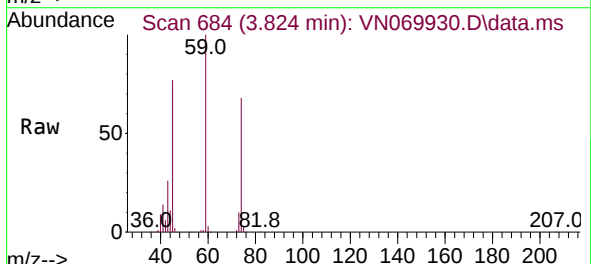
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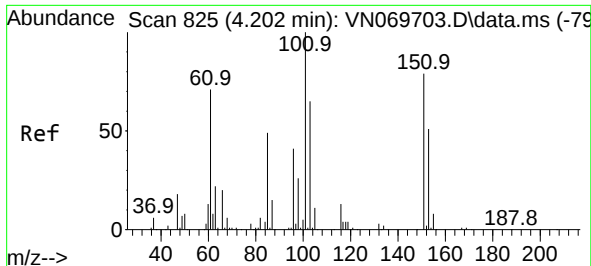
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#8
 Diethyl Ether
 Concen: 51.889 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069930.D
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Tgt Ion: 74 Resp: 349189
 Ion Ratio Lower Upper
 74 100
 45 112.3 47.0 141.2





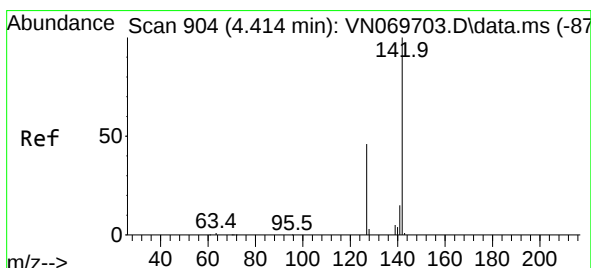
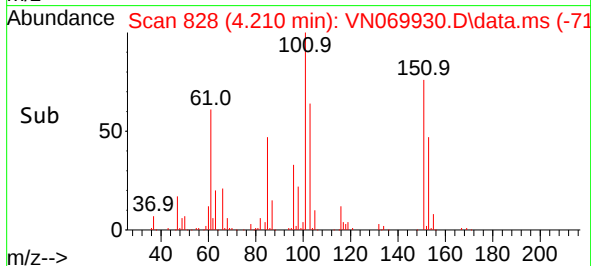
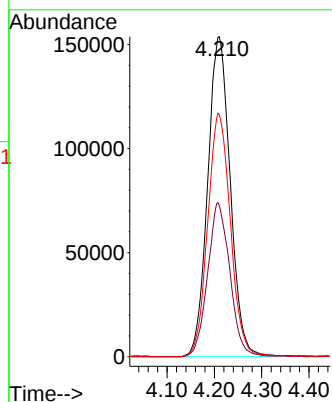
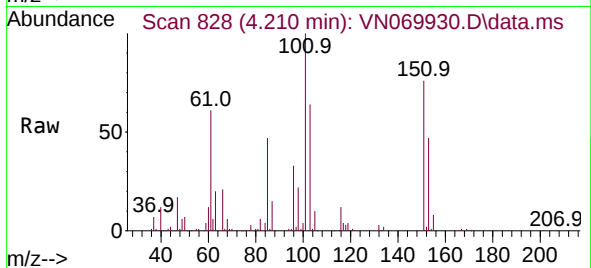
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.988 ug/l
RT: 4.210 min Scan# 825
Delta R.T. 0.008 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 509199
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 76.3 65.9 98.9

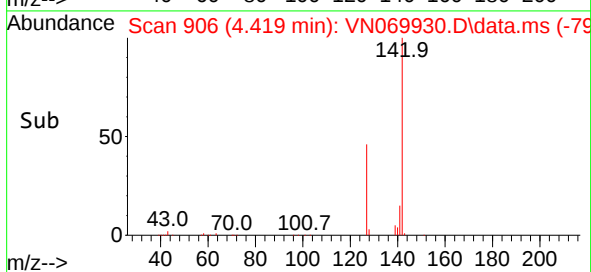
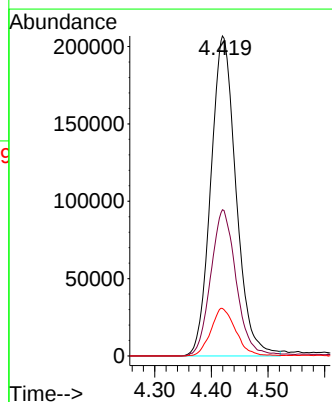
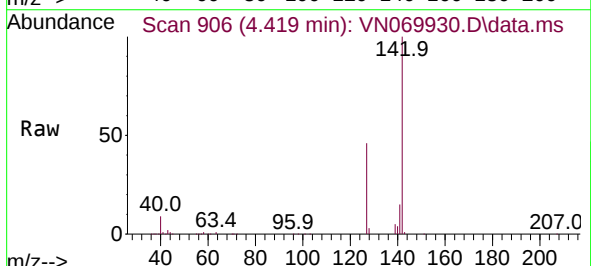
Manual Integrations
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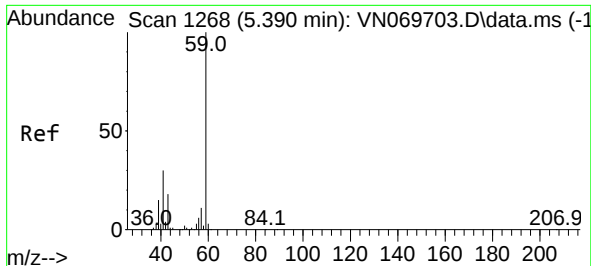
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 47.896 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

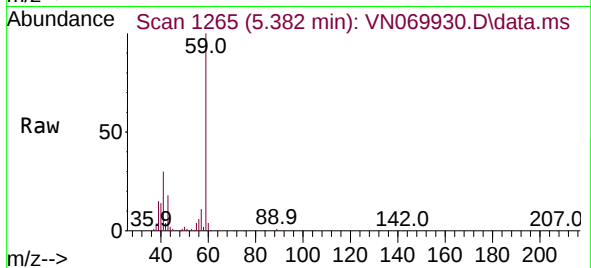
Tgt Ion:142 Resp: 640875
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.0
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 217.373 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

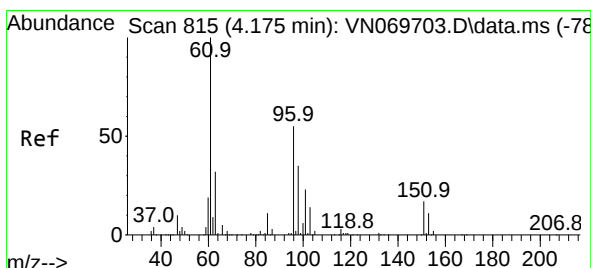
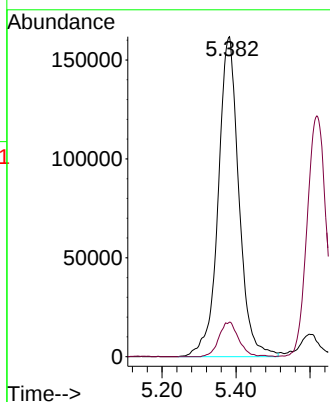
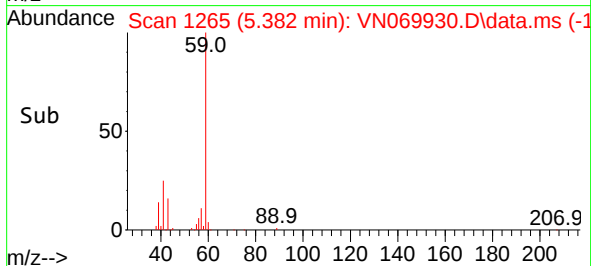
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



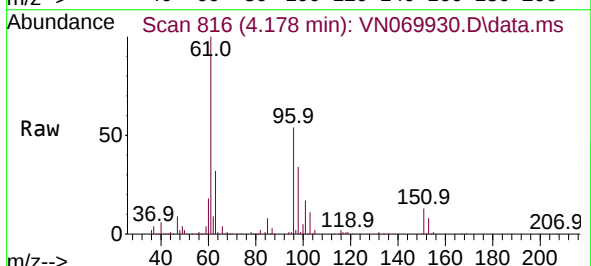
Tgt Ion: 59 Resp: 62861
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

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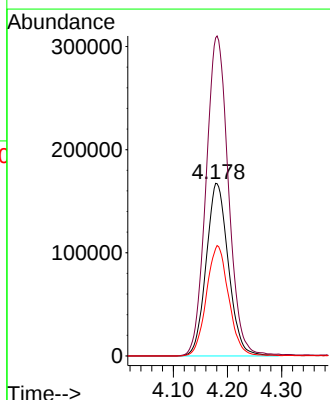
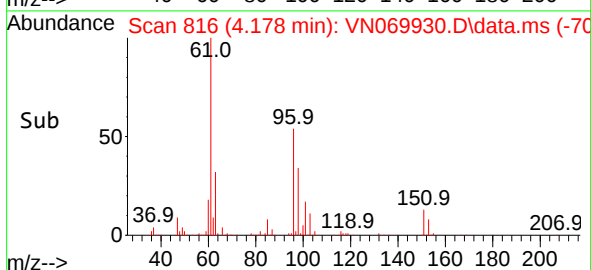
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

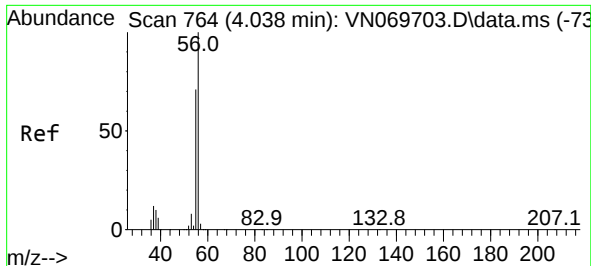


#12
1,1-Dichloroethene
Concen: 50.635 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



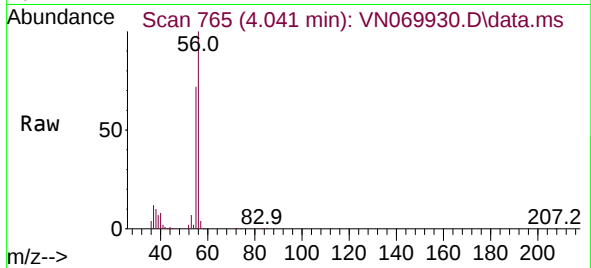
Tgt Ion: 96 Resp: 477909
Ion Ratio Lower Upper
96 100
61 184.2 131.0 196.6
98 62.2 52.4 78.6





#13
Acrolein
Concen: 274.071 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

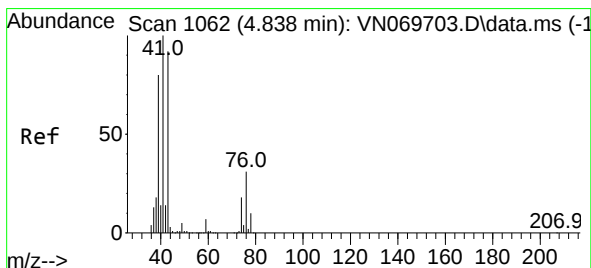
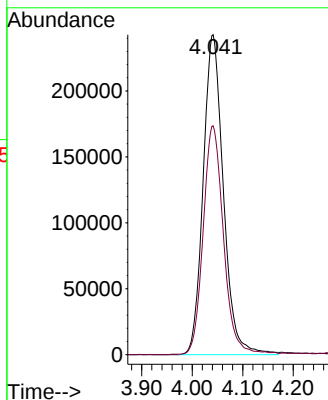
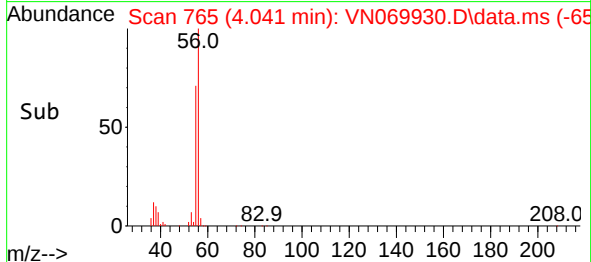
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



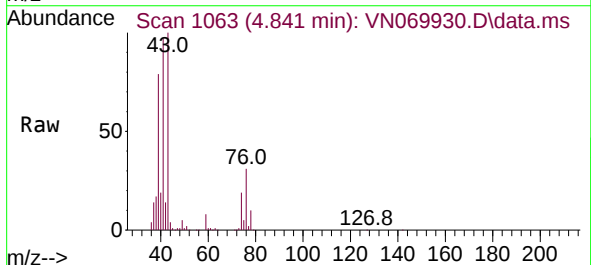
Tgt Ion: 56 Resp: 67494
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

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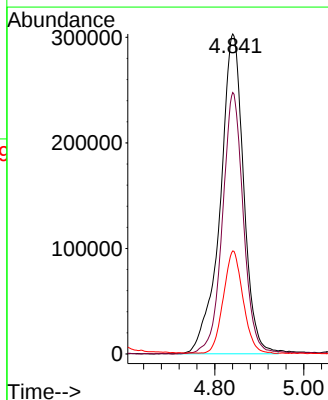
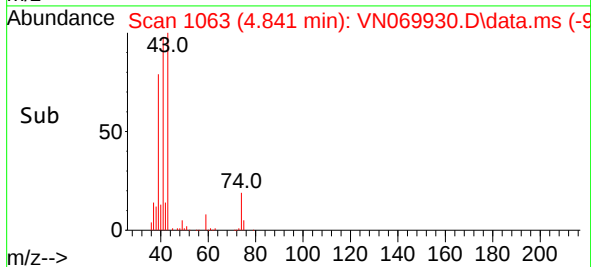
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

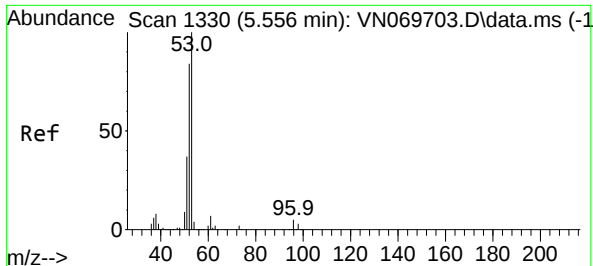


#14
Allyl chloride
Concen: 52.063 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



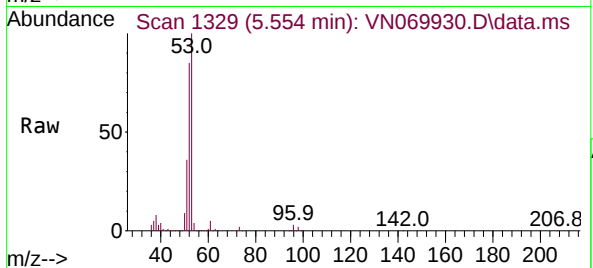
Tgt Ion: 41 Resp: 1107276
Ion Ratio Lower Upper
41 100
39 73.0 61.2 91.8
76 26.9 26.0 39.0





#15
Acrylonitrile
Concen: 239.711 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

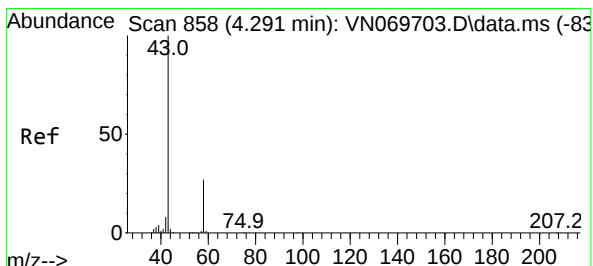
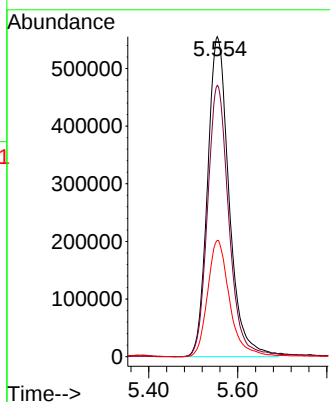
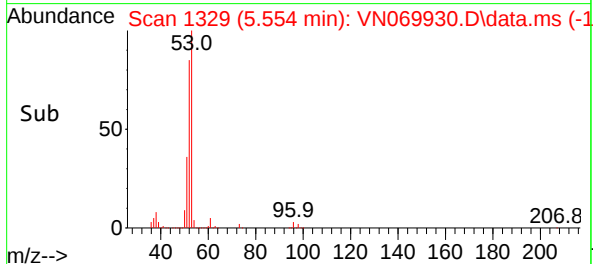
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 186795
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.3 29.6 44.4

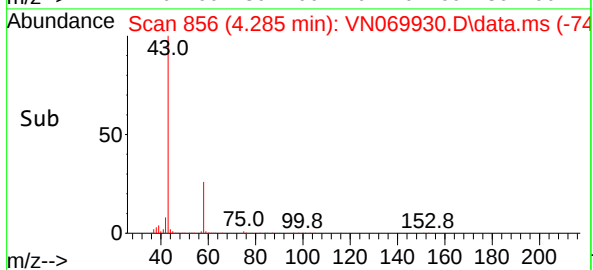
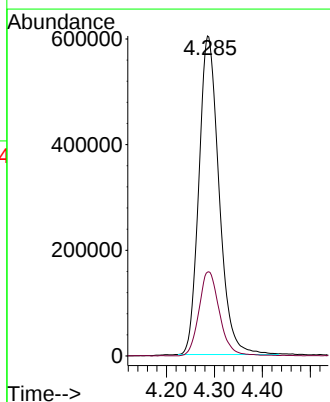
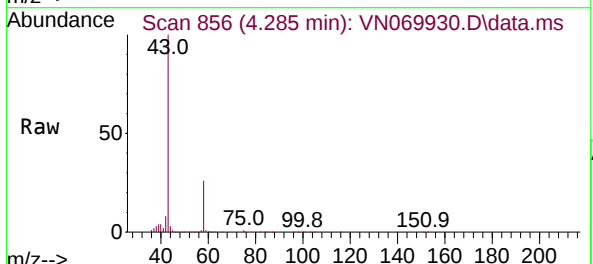
Manual Integrations
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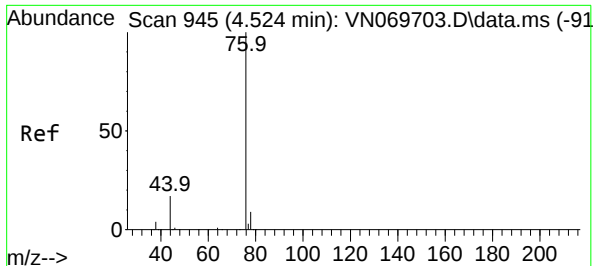
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#16
Acetone
Concen: 191.888 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

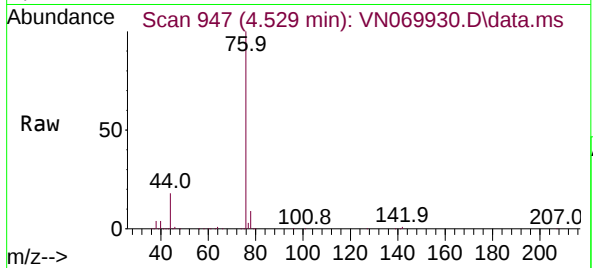
Tgt Ion: 43 Resp: 1765934
Ion Ratio Lower Upper
43 100
58 26.3 23.1 34.7





#17
Carbon Disulfide
Concen: 53.085 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

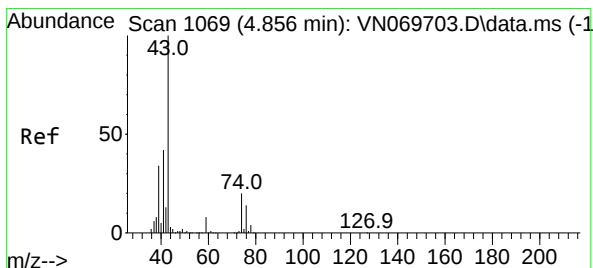
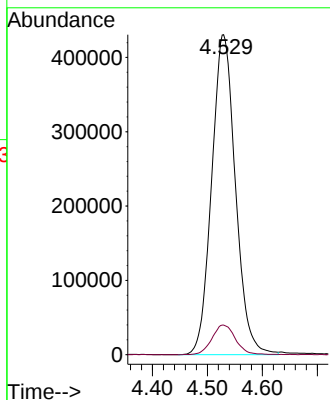
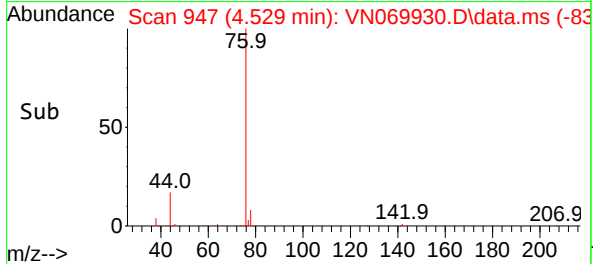
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



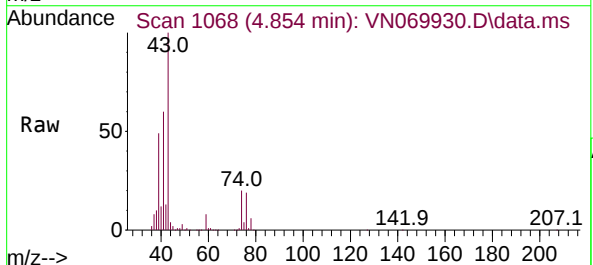
Tgt Ion: 76 Resp: 1294420
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

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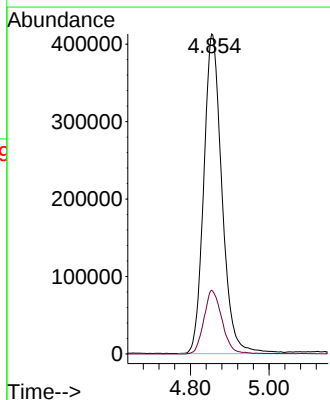
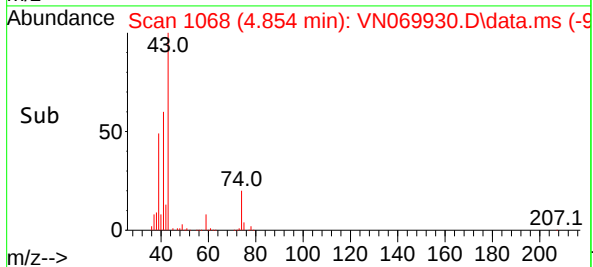
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

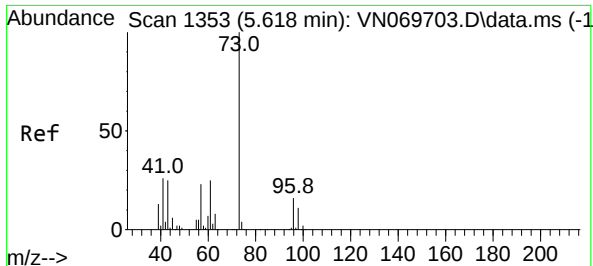


#18
Methyl Acetate
Concen: 47.679 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



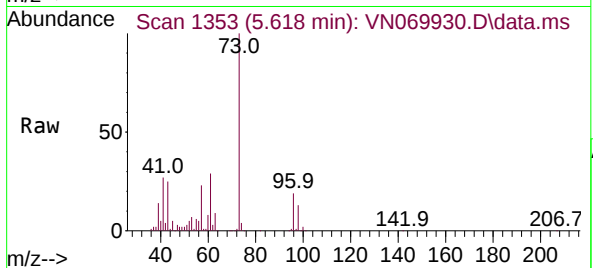
Tgt Ion: 43 Resp: 1324456
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.736 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

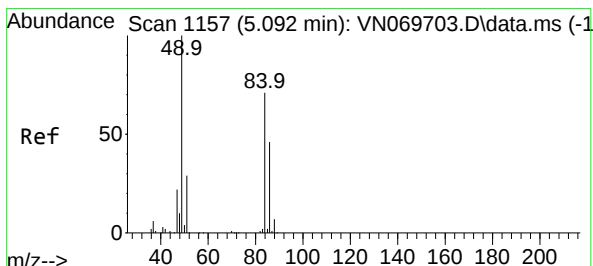
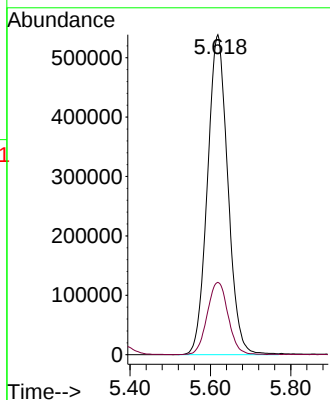
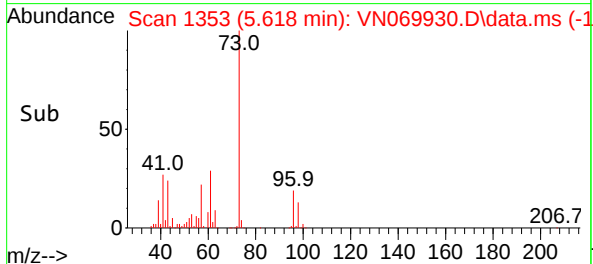
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1898620
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

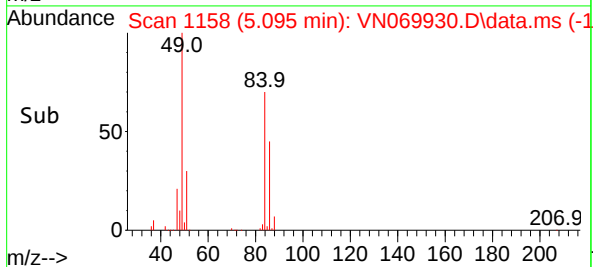
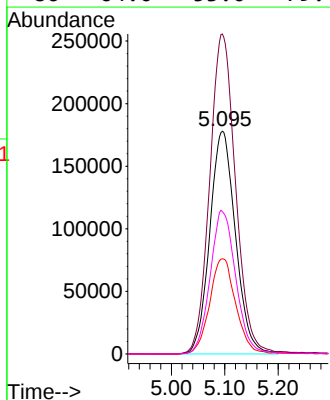
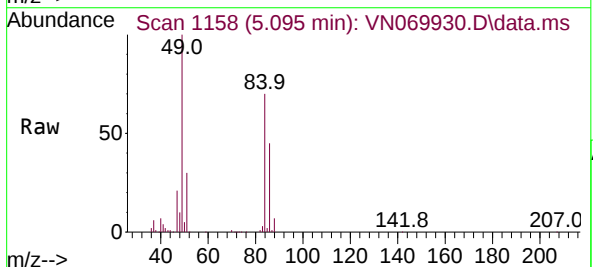
Manual Integrations
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 48.713 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

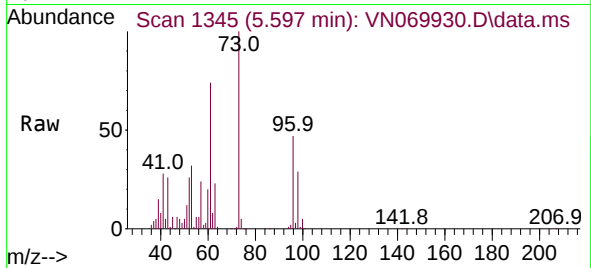
Tgt Ion: 84 Resp: 595972
Ion Ratio Lower Upper
84 100
49 143.6 93.5 140.3#
51 42.8 29.4 44.2
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 50.463 ug/l
RT: 5.597 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

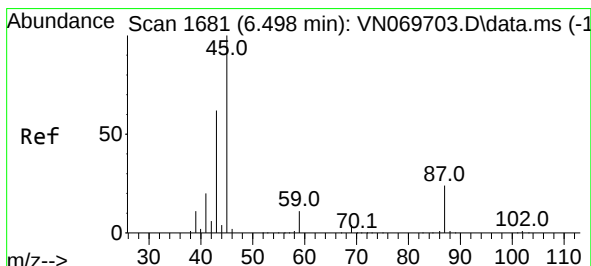
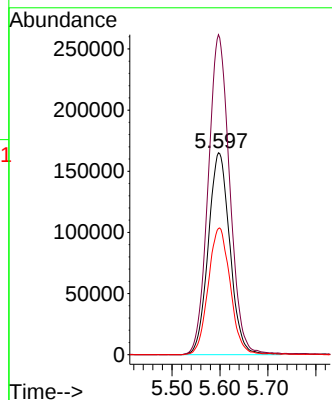
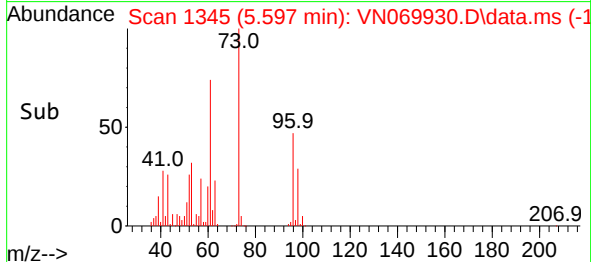
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 51732
Ion Ratio Lower Upper
96 100
61 158.4 105.8 158.6
98 62.5 52.0 78.0

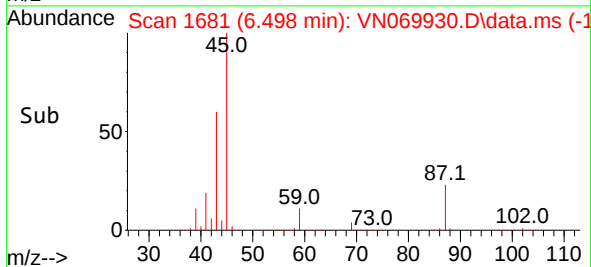
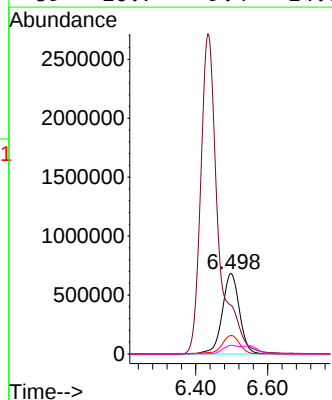
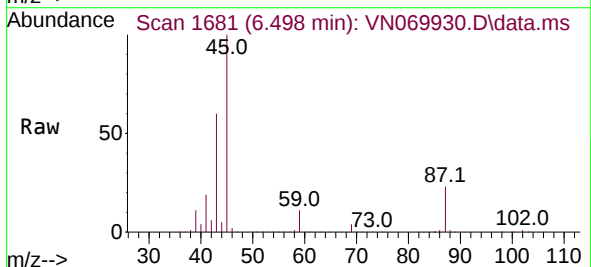
Manual Integrations
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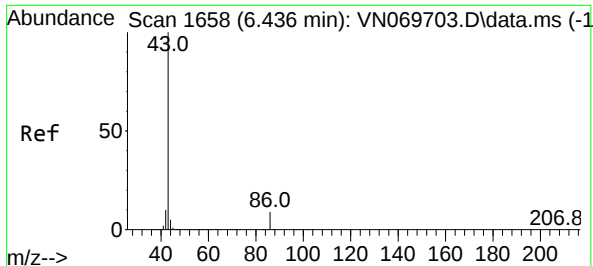
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 54.493 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

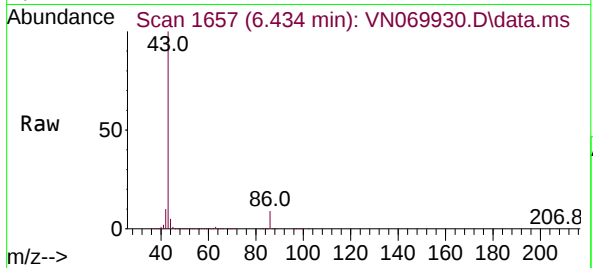
Tgt Ion: 45 Resp: 2265248
Ion Ratio Lower Upper
45 100
43 60.4 51.7 77.5
87 22.9 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 271.581 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN069930.D
 Acq: 9 Dec 2021 23:33

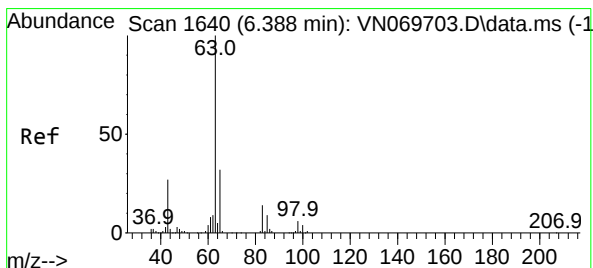
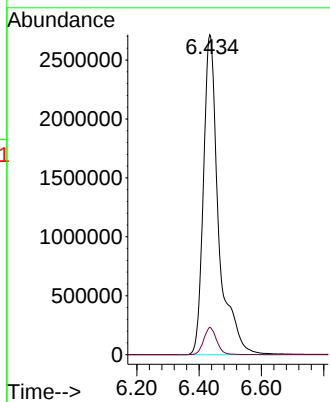
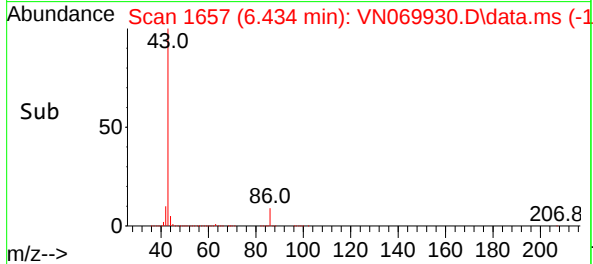
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



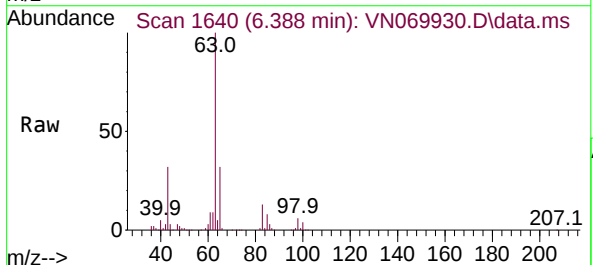
Tgt Ion: 43 Resp: 9184670
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

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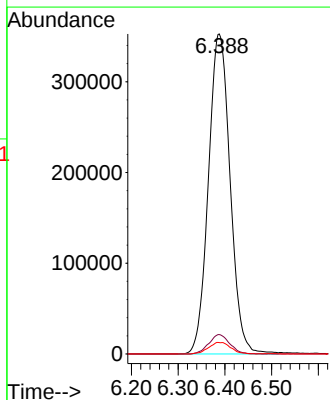
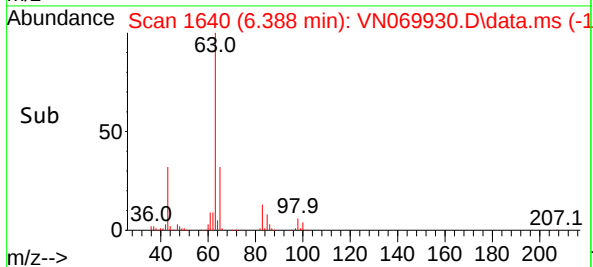
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

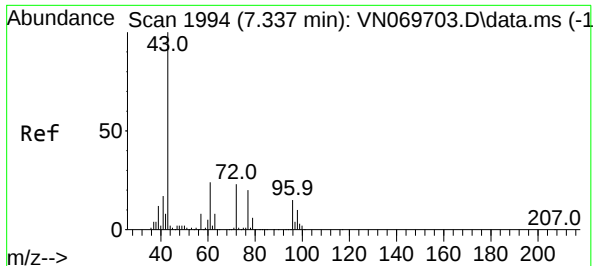


#24
 1,1-Dichloroethane
 Concen: 52.880 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069930.D
 Acq: 9 Dec 2021 23:33



Tgt Ion: 63 Resp: 1138682
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.5 2.1 6.5





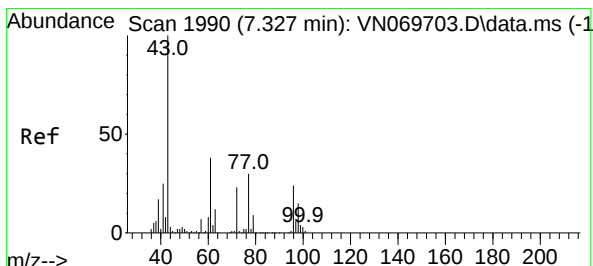
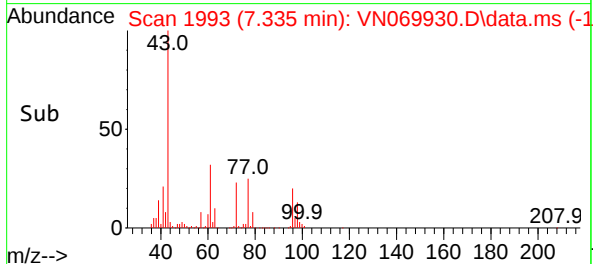
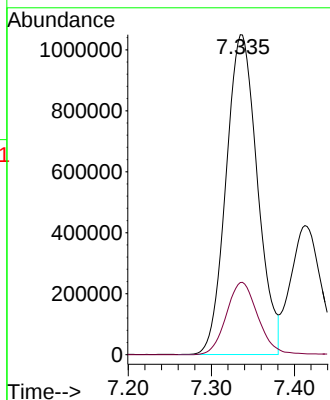
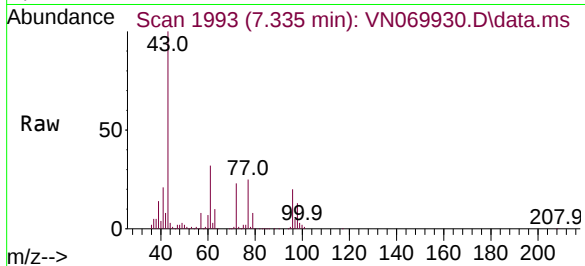
#25
2-Butanone
Concen: 220.327 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2754998
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5

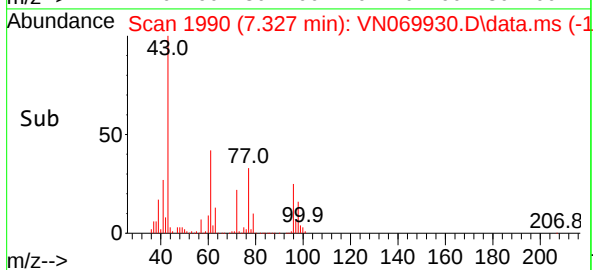
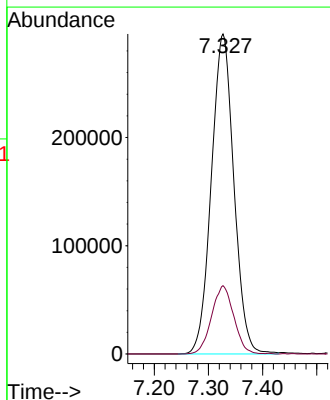
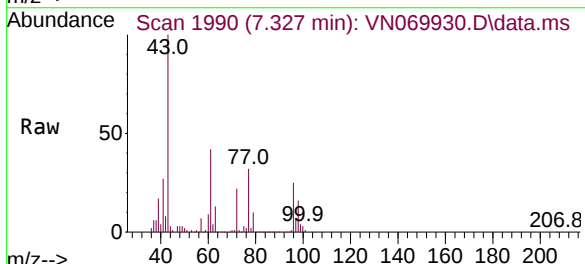
Manual Integrations
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#26
2,2-Dichloropropane
Concen: 51.061 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Tgt Ion: 77 Resp: 854883
Ion Ratio Lower Upper
77 100
97 21.0 11.6 34.8





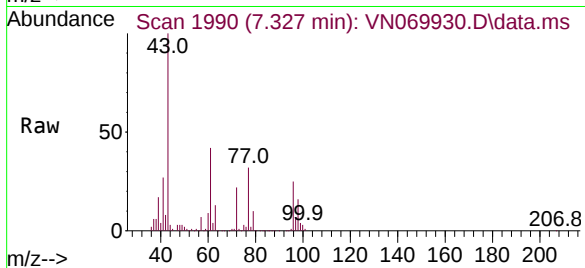
#27
 cis-1,2-Dichloroethene
 Concen: 51.074 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069930.D
 Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

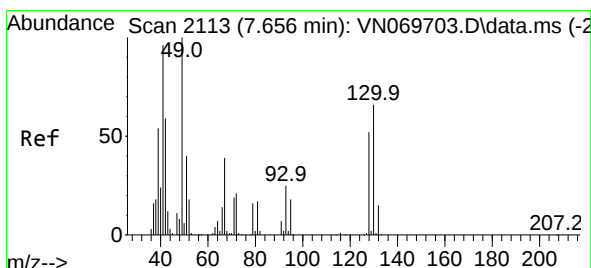
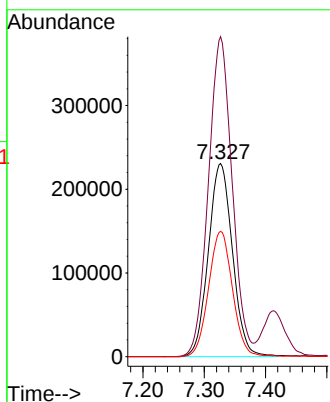
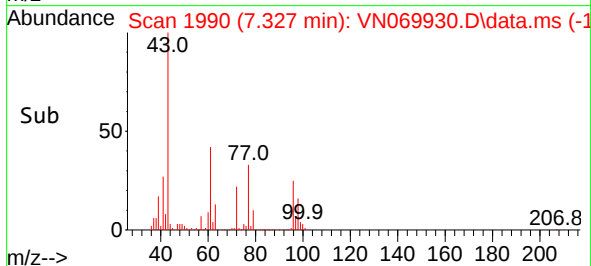


Tgt Ion: 96 Resp: 632588
 Ion Ratio Lower Upper
 96 100
 61 162.6 0.0 275.0
 98 64.3 0.0 129.6

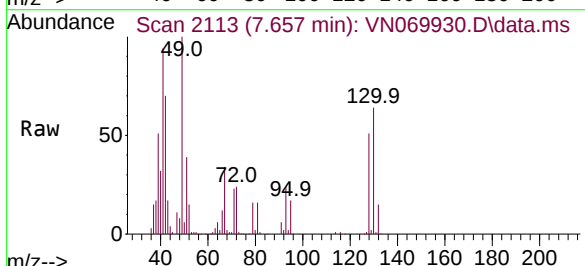
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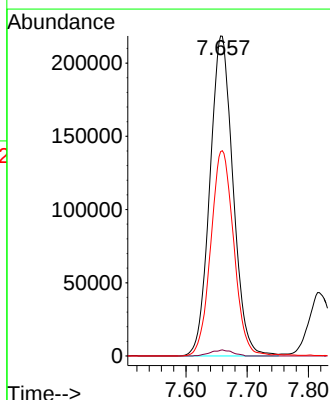
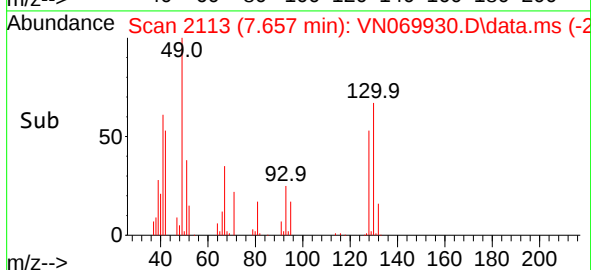
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#28
 Bromochloromethane
 Concen: 51.218 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069930.D
 Acq: 9 Dec 2021 23:33



Tgt Ion: 49 Resp: 573520
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 63.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 235.514 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 178821

Ion Ratio Lower Upper

42 100

72 37.1 36.3 54.5

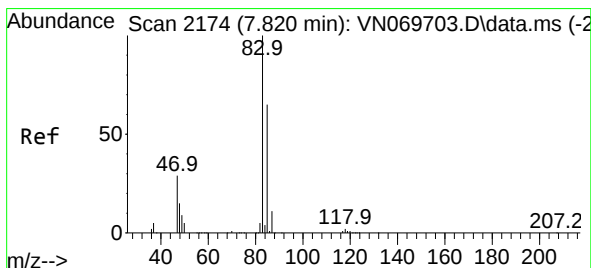
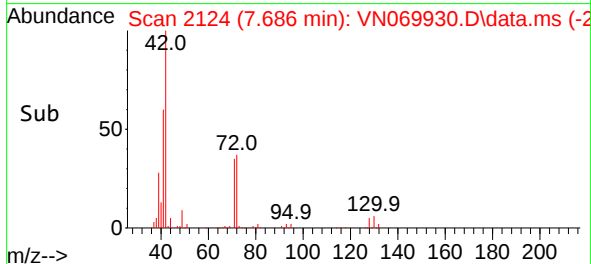
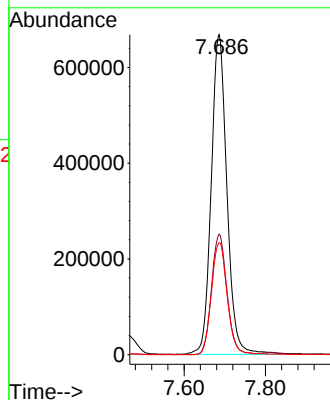
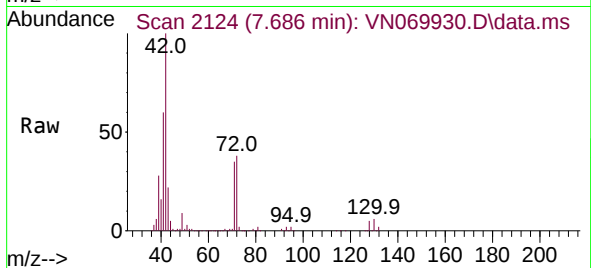
71 35.2 34.7 52.1

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#30

Chloroform

Concen: 52.060 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069930.D

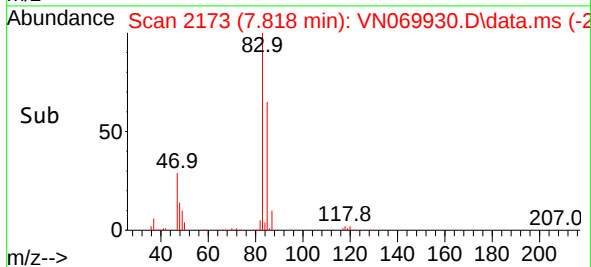
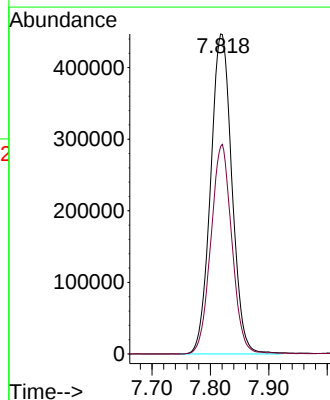
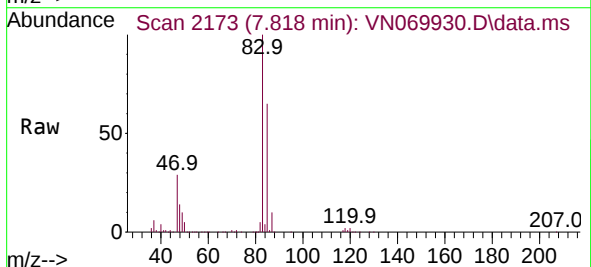
Acq: 9 Dec 2021 23:33

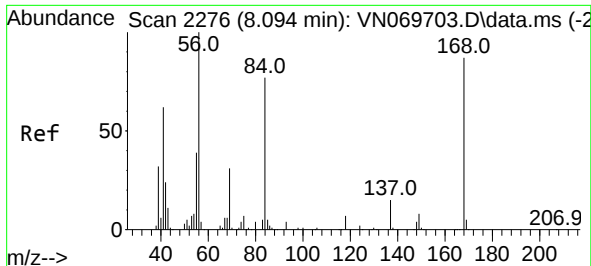
Tgt Ion: 83 Resp: 1132173

Ion Ratio Lower Upper

83 100

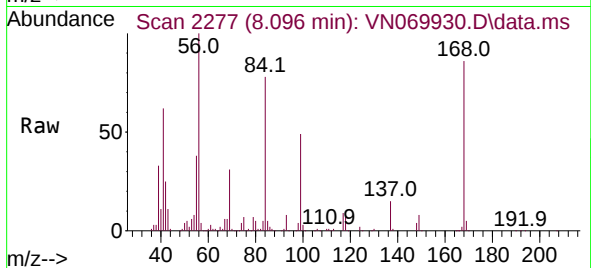
85 64.9 51.9 77.9





#31
Cyclohexane
Concen: 49.237 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

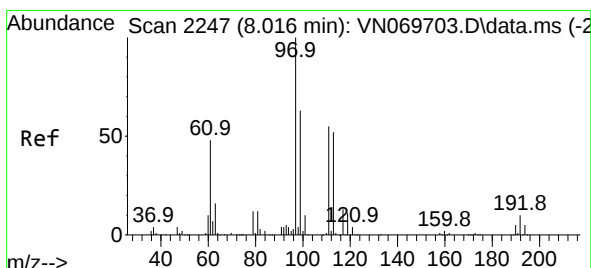
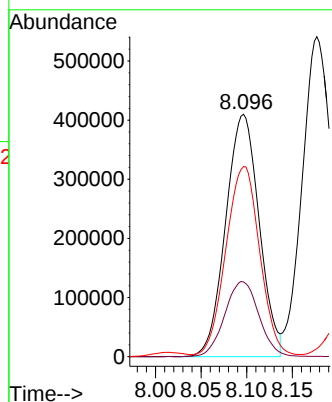
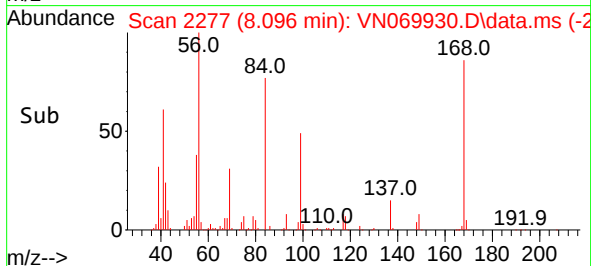
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



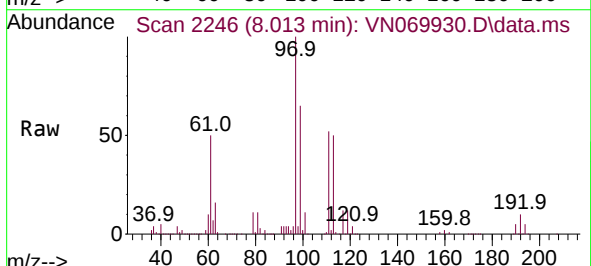
Tgt Ion: 56 Resp: 104829
Ion Ratio Lower Upper
56 100
69 30.8 27.1 40.7
84 77.0 73.4 110.0

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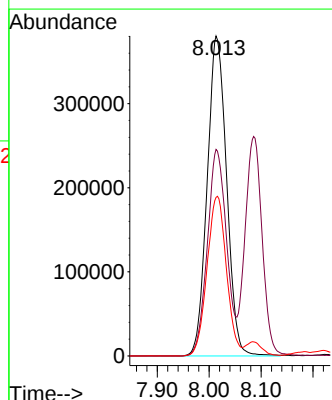
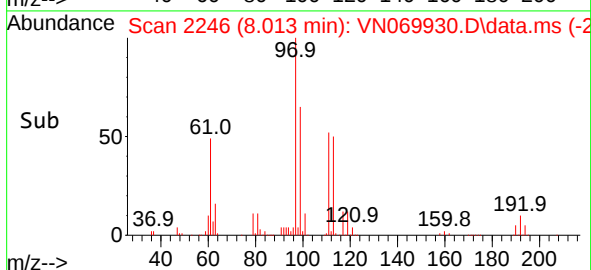
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

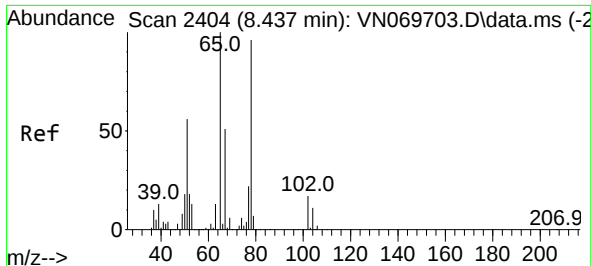


#32
1,1,1-Trichloroethane
Concen: 53.413 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



Tgt Ion: 97 Resp: 989447
Ion Ratio Lower Upper
97 100
99 64.0 50.1 75.1
61 50.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.282 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 78456

Ion Ratio Lower Upper

65 100

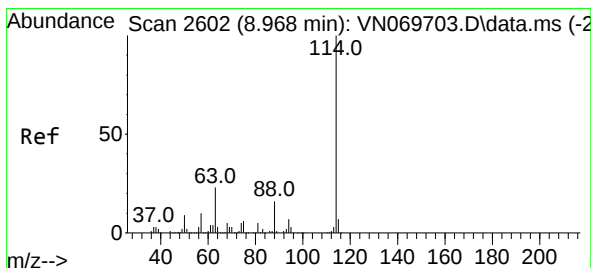
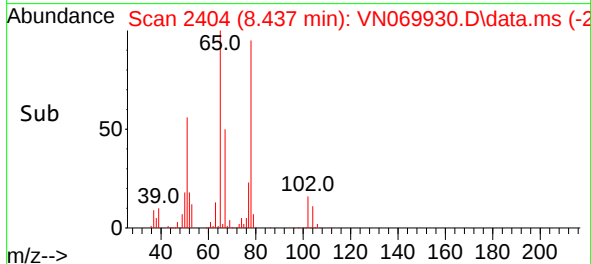
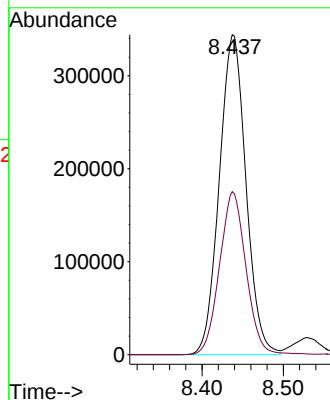
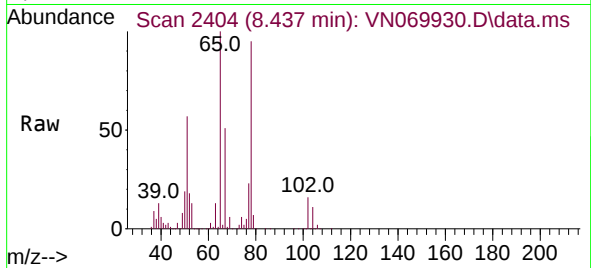
67 50.5 0.0 103.0

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

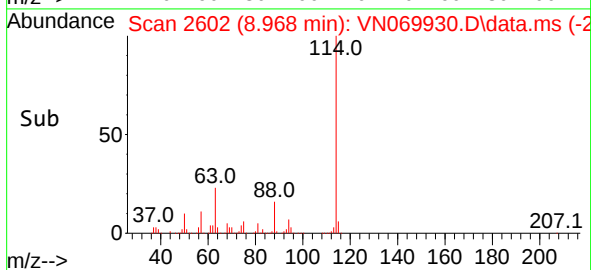
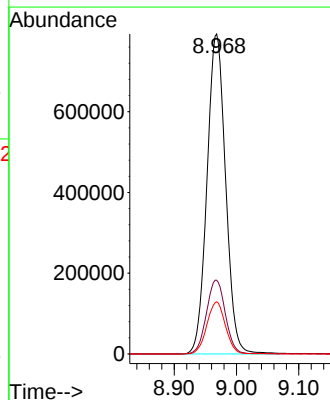
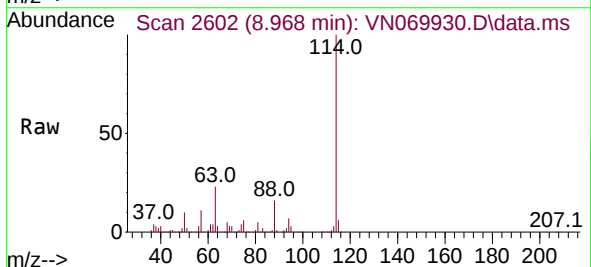
Tgt Ion:114 Resp: 1645805

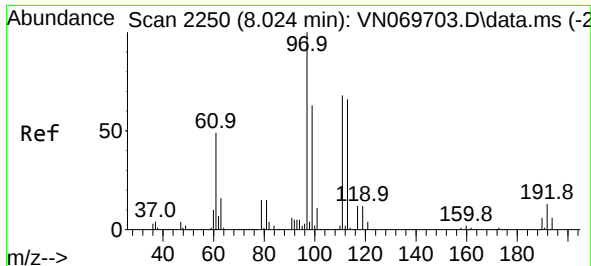
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

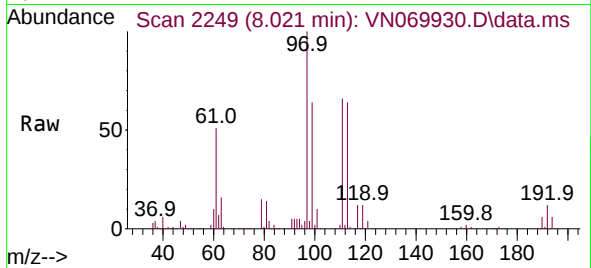
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.331 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

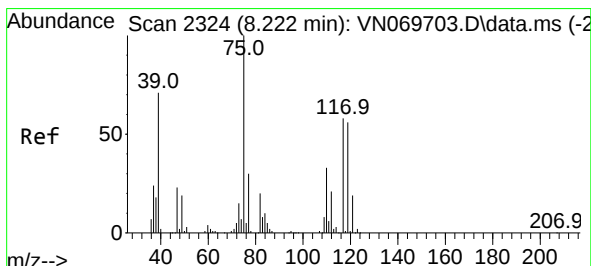
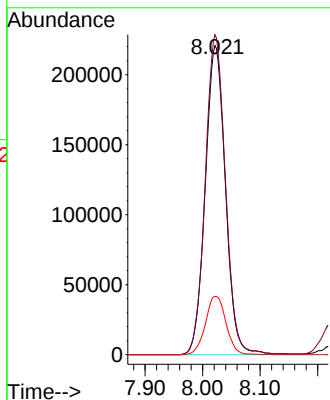
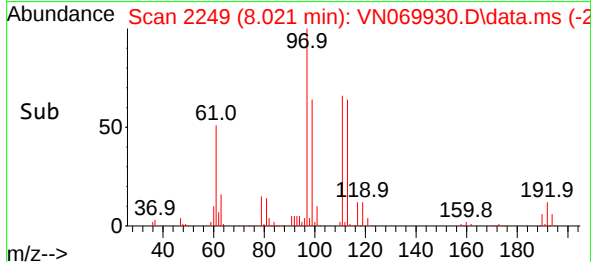
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



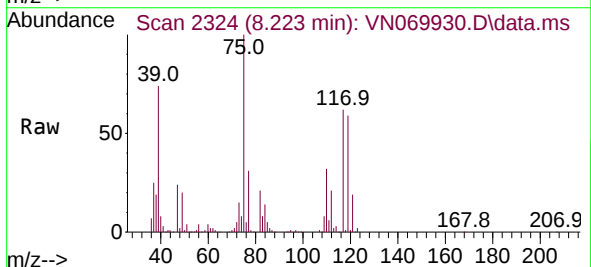
Tgt Ion:113 Resp: 539478
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.2 16.9 25.3

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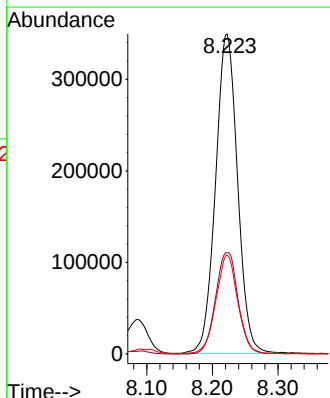
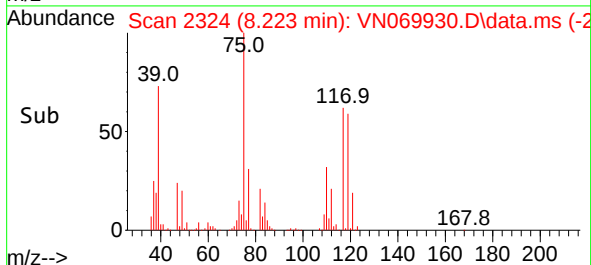
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

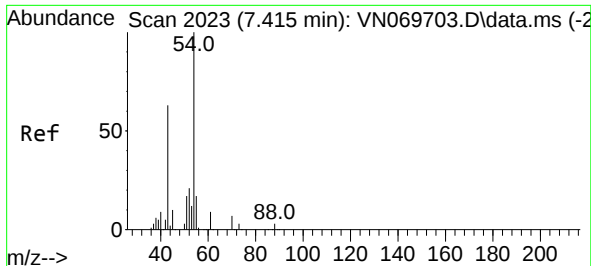


#36
1,1-Dichloropropene
Concen: 51.900 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



Tgt Ion: 75 Resp: 813141
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 47.043 ug/l

RT: 7.413 min Scan# 20

Delta R.T. -0.002 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 109700

Ion Ratio Lower Upper

43 100

61 12.3 11.5 17.3

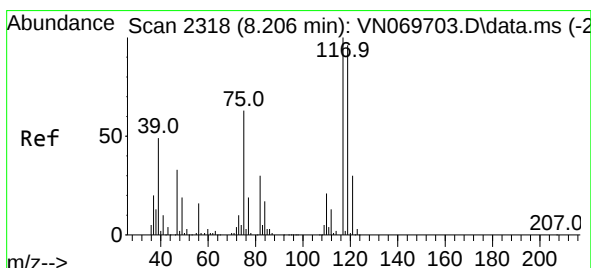
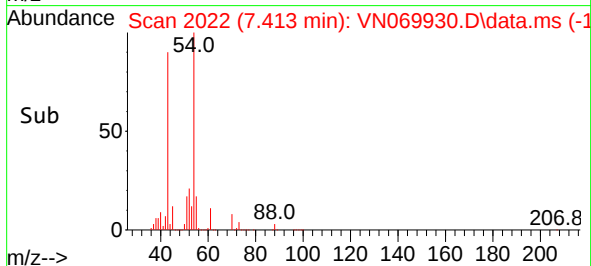
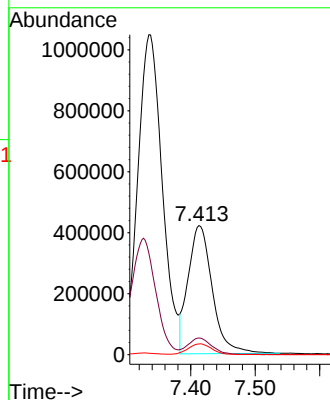
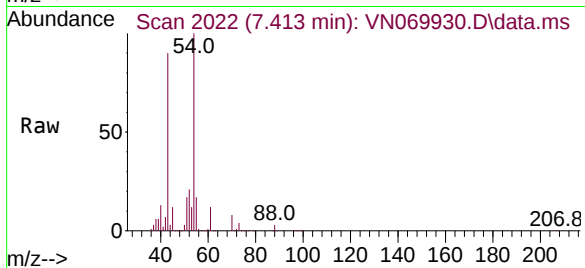
70 8.2 7.9 11.9

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#38

Carbon Tetrachloride

Concen: 55.834 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

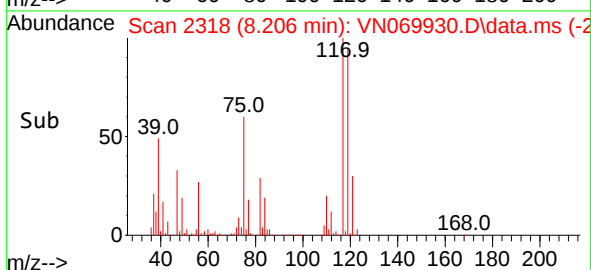
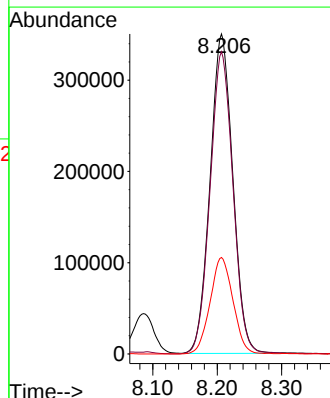
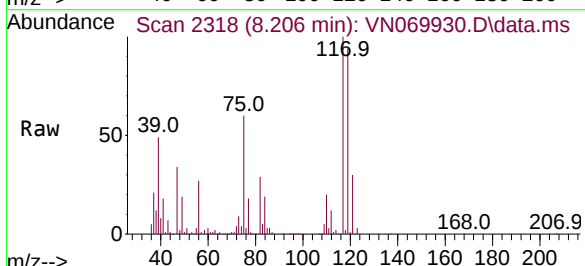
Tgt Ion:117 Resp: 857824

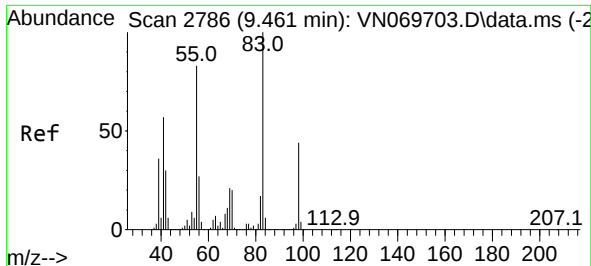
Ion Ratio Lower Upper

117 100

119 94.6 76.1 114.1

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 51.179 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 95378

Ion Ratio Lower Upper

83 100

55 84.1 58.1 87.1

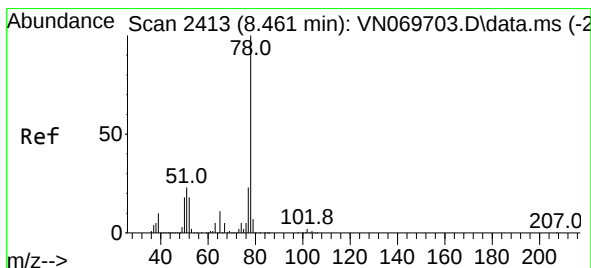
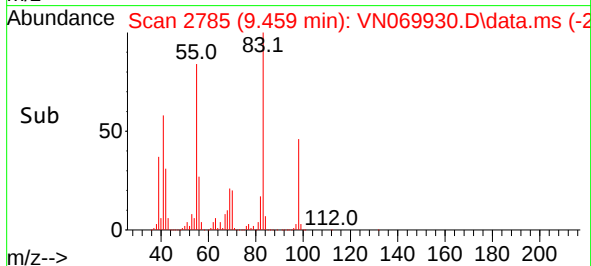
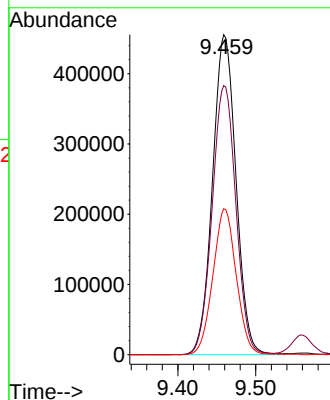
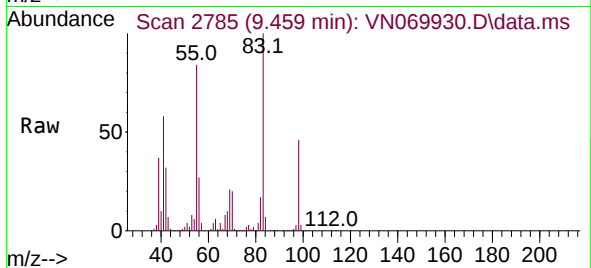
98 45.6 38.4 57.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/15/2021



#40

Benzene

Concen: 51.574 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069930.D

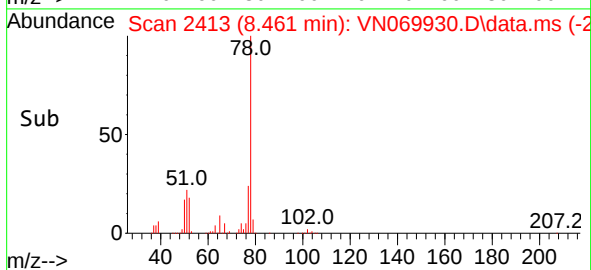
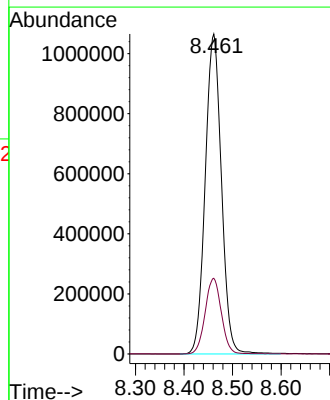
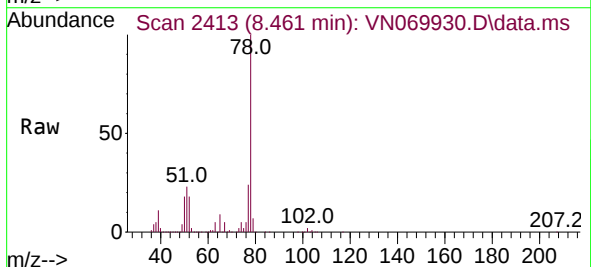
Acq: 9 Dec 2021 23:33

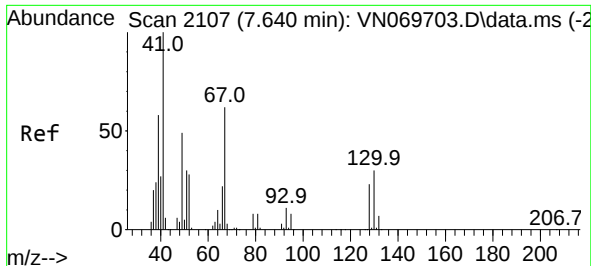
Tgt Ion: 78 Resp: 2469872

Ion Ratio Lower Upper

78 100

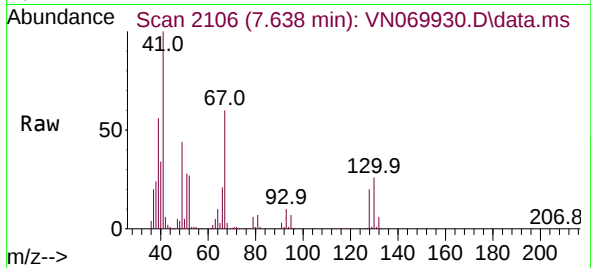
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 50.938 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

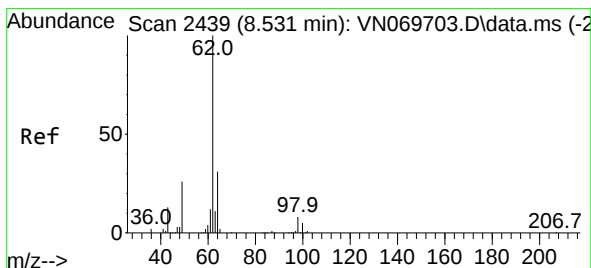
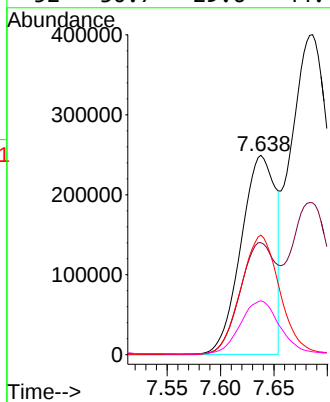
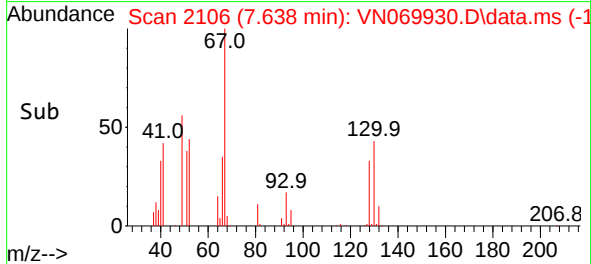
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 557609
Ion Ratio Lower Upper
41 100
39 60.0 48.1 72.1
67 68.7 68.3 102.5
52 30.7 29.6 44.4

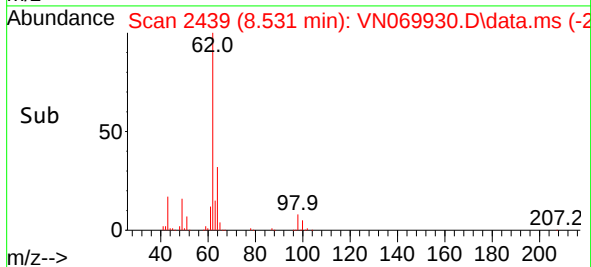
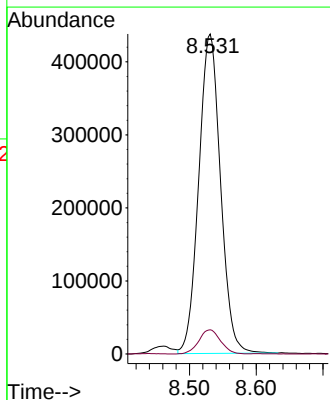
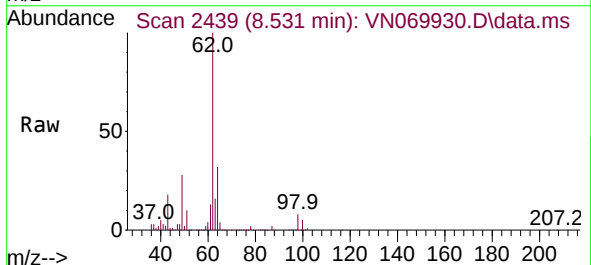
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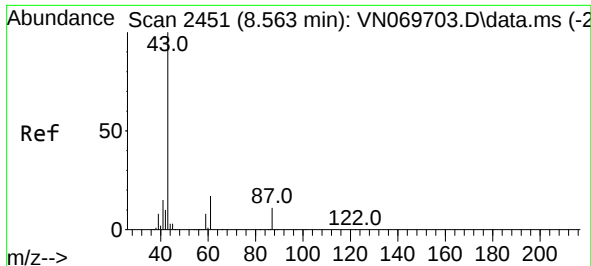
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 51.252 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

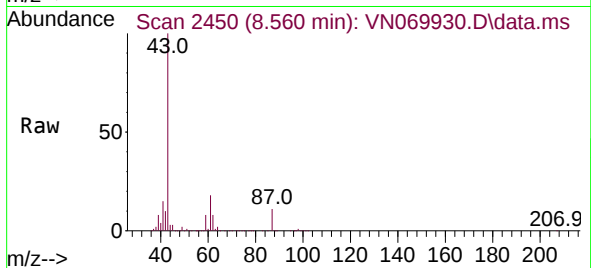
Tgt Ion: 62 Resp: 990799
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 51.138 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

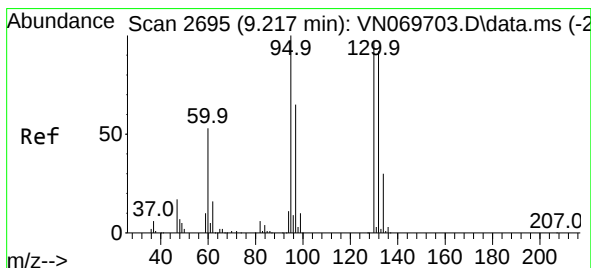
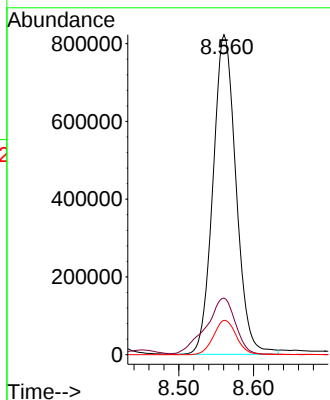
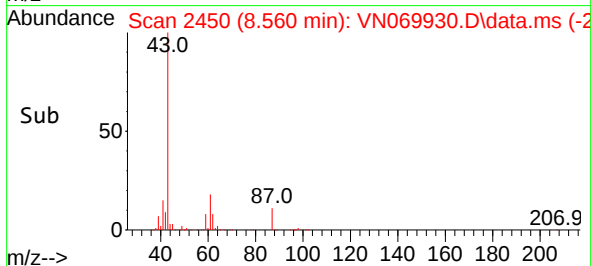
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1764690
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 10.7 11.2 16.8

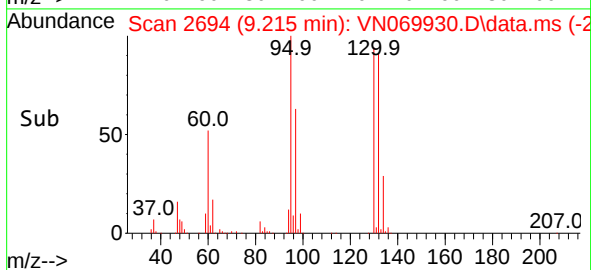
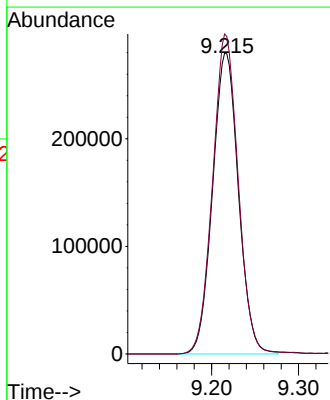
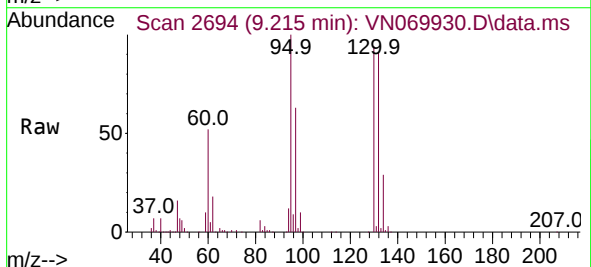
Manual Integrations
APPROVED

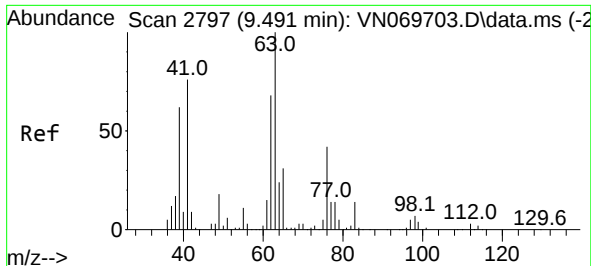
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 50.526 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

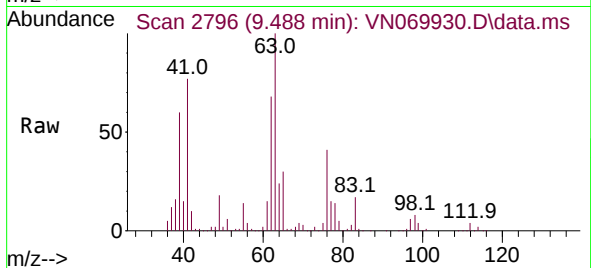
Tgt Ion:130 Resp: 577527
Ion Ratio Lower Upper
130 100
95 106.4 0.0 191.2





#45
1,2-Dichloropropane
Concen: 53.373 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

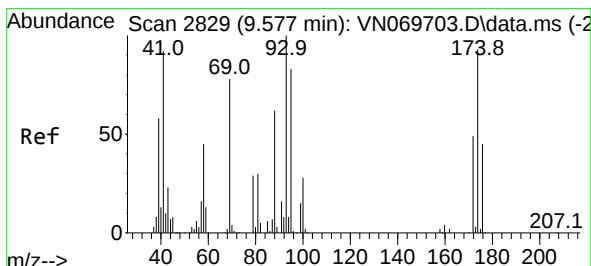
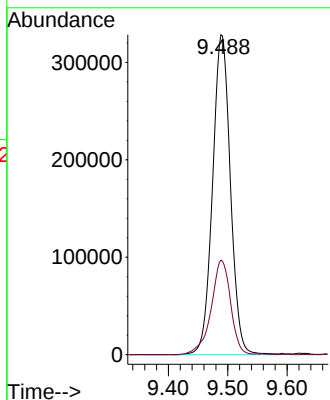
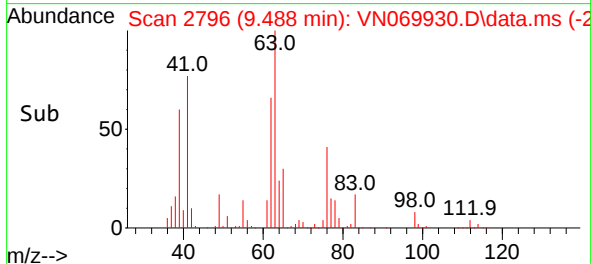
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



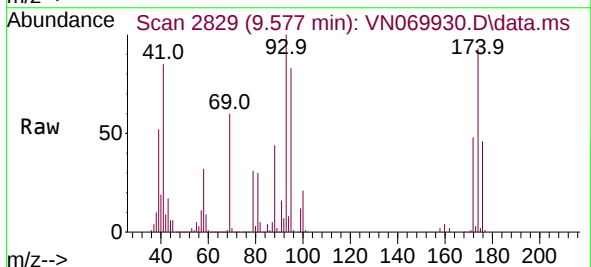
Tgt Ion: 63 Resp: 68638
Ion Ratio Lower Upper
63 100
65 29.5 24.7 37.1

Manual Integrations
APPROVED

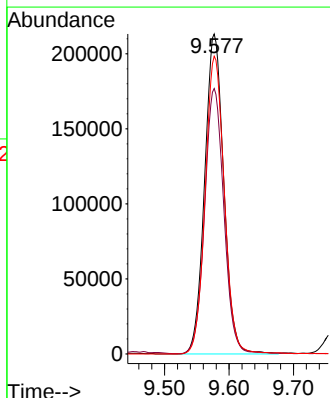
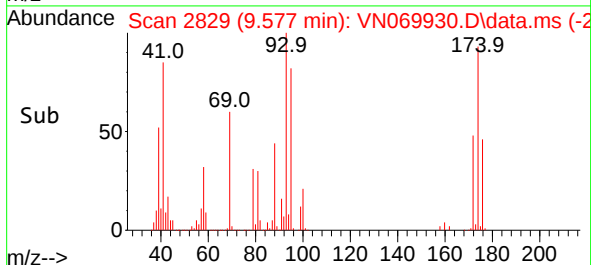
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

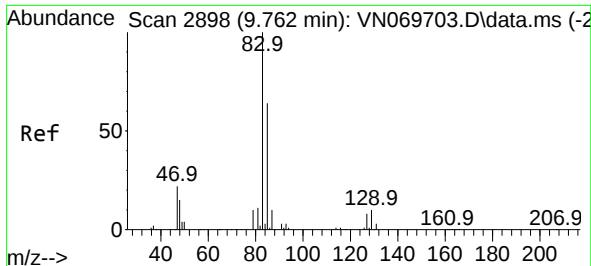


#46
Dibromomethane
Concen: 52.126 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



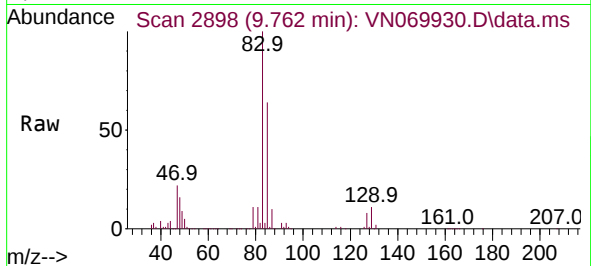
Tgt Ion: 93 Resp: 439634
Ion Ratio Lower Upper
93 100
95 83.3 65.9 98.9
174 92.8 84.6 127.0





#47
Bromodichloromethane
Concen: 57.847 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

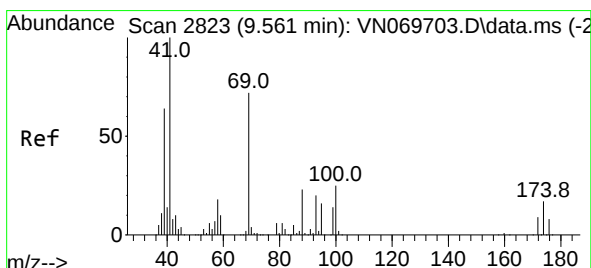
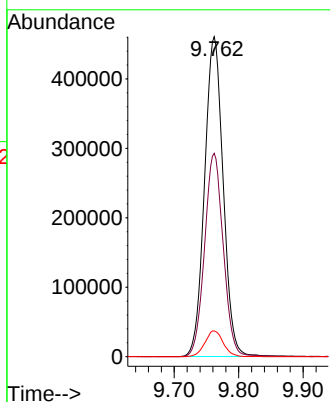
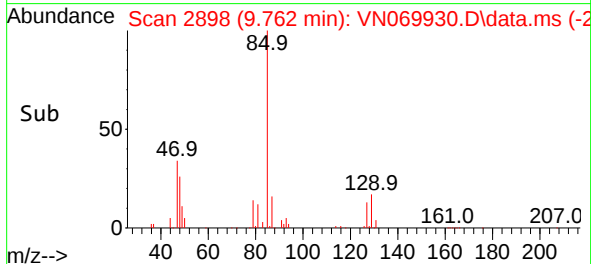
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 923739
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 7.1 10.7

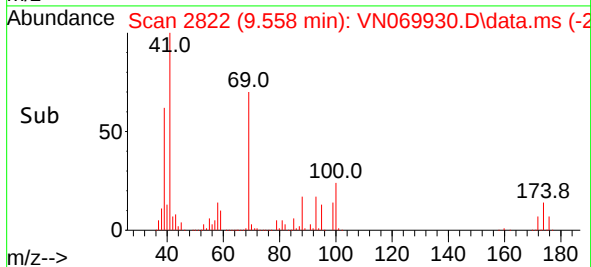
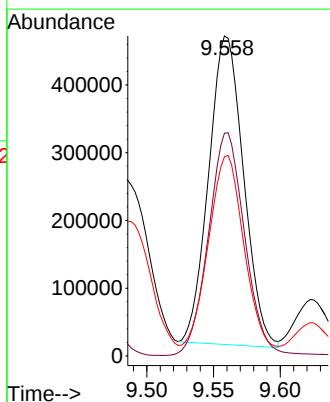
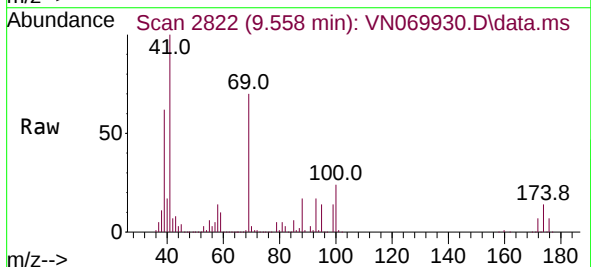
Manual Integrations
APPROVED

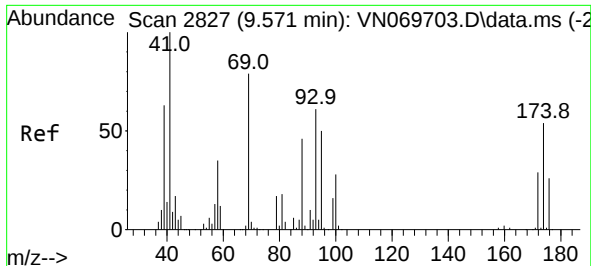
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 51.397 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Tgt Ion: 41 Resp: 827718
Ion Ratio Lower Upper
41 100
69 75.3 72.4 108.6
39 67.9 58.4 87.6





#49

1,4-Dioxane

Concen: 823.582 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.002 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 237983

Ion Ratio Lower Upper

88 100

43 37.2 23.4 35.2

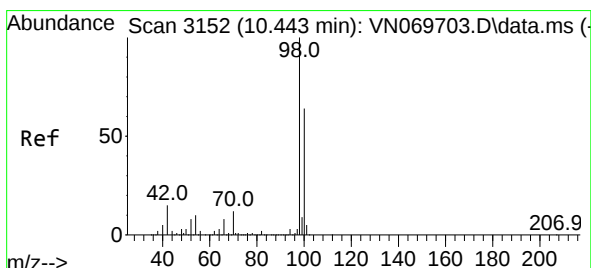
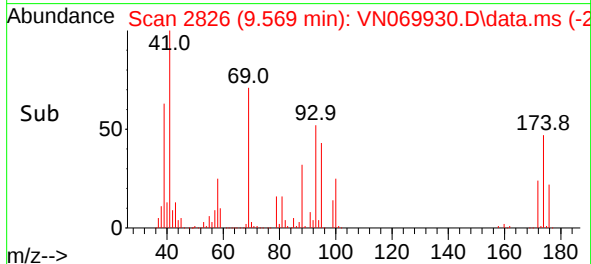
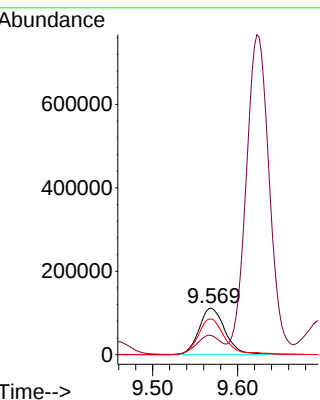
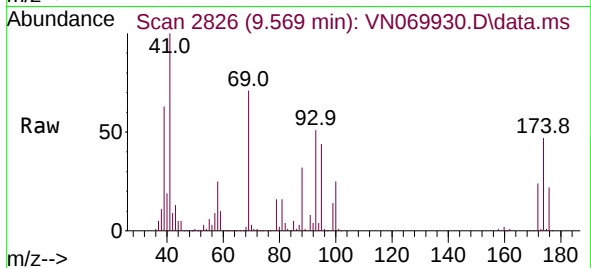
58 75.5 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 50.874 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069930.D

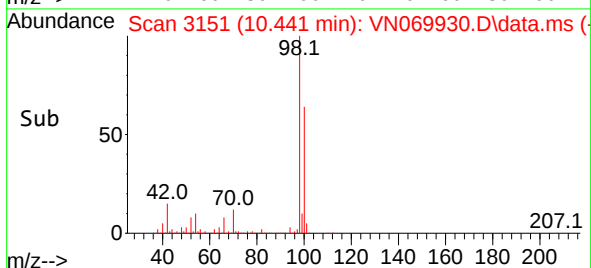
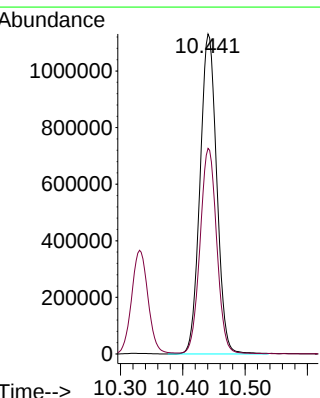
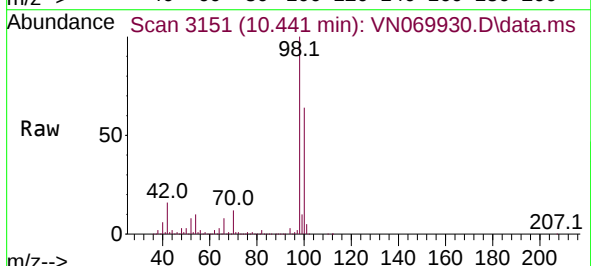
Acq: 9 Dec 2021 23:33

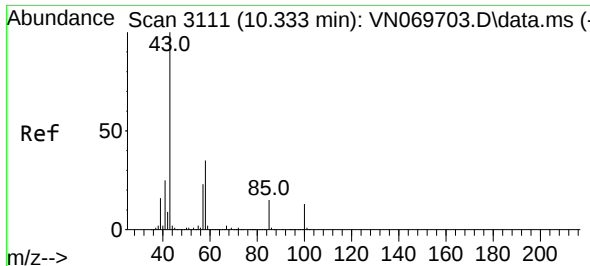
Tgt Ion: 98 Resp: 2105879

Ion Ratio Lower Upper

98 100

100 63.9 50.4 75.6





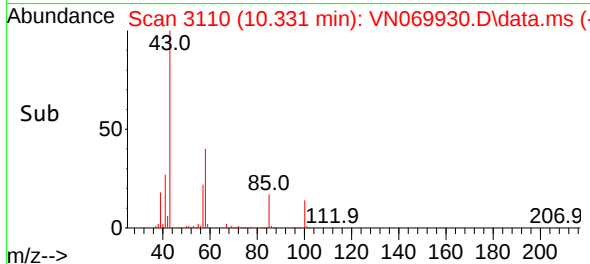
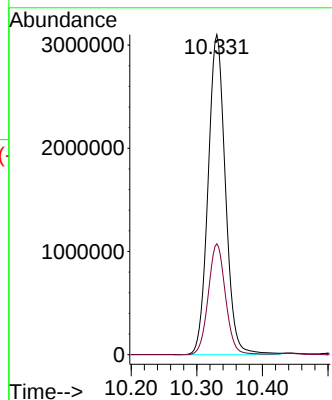
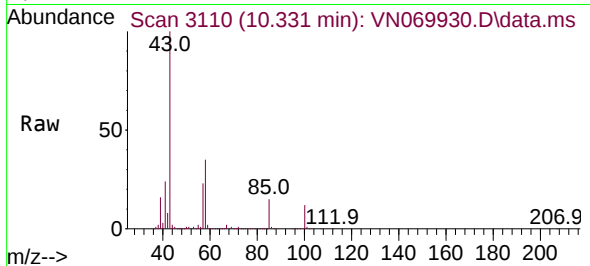
#51
4-Methyl-2-Pentanone
Concen: 253.886 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 568366
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6

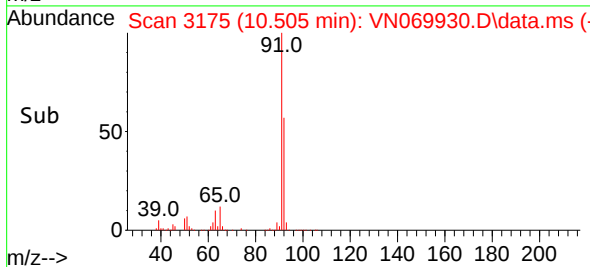
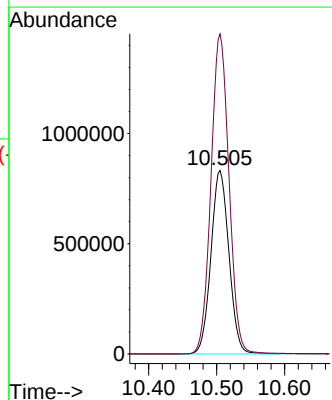
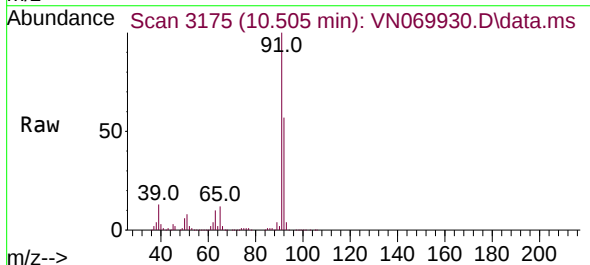
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 52.288 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

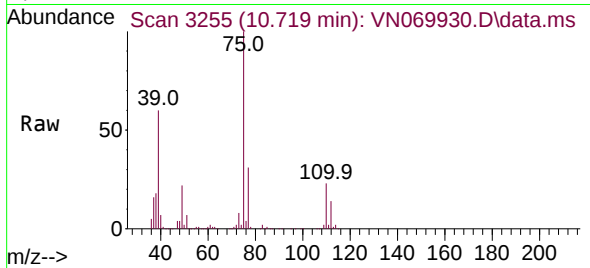
Tgt Ion: 92 Resp: 1528781
Ion Ratio Lower Upper
92 100
91 175.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 50.190 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

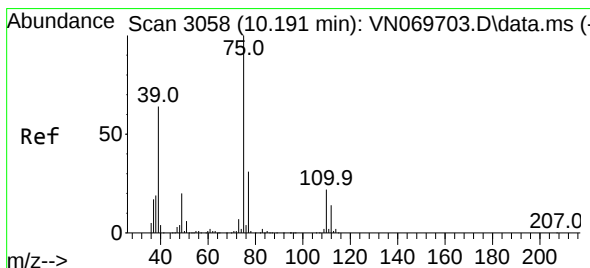
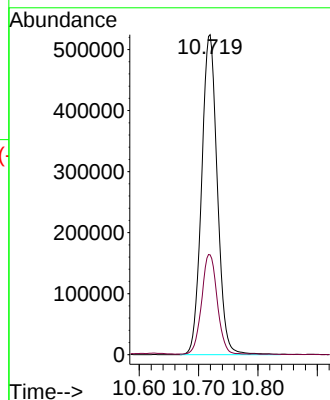
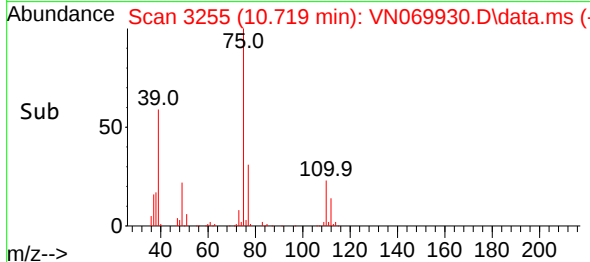
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



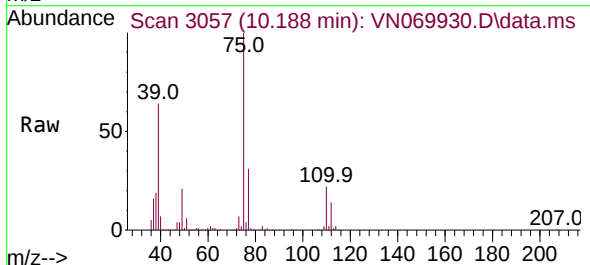
Tgt Ion: 75 Resp: 964324
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

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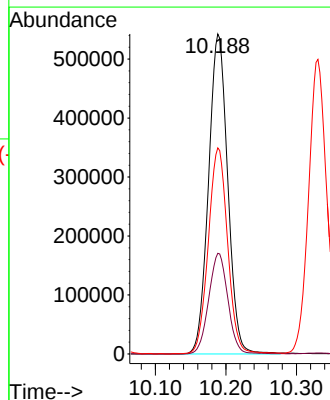
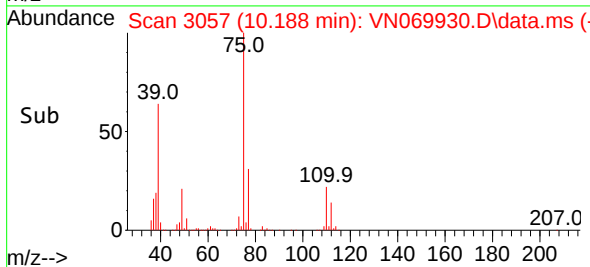
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

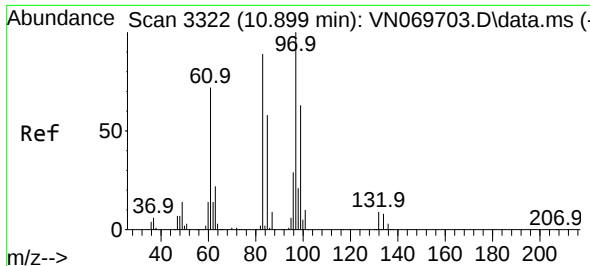


#54
cis-1,3-Dichloropropene
Concen: 50.876 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



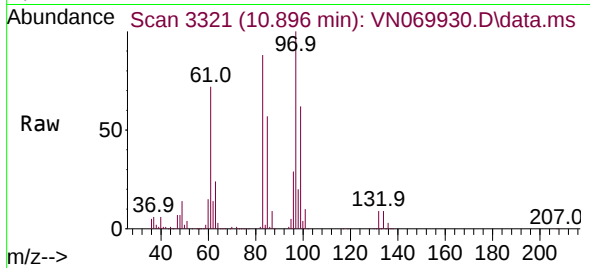
Tgt Ion: 75 Resp: 1026398
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 64.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 51.632 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

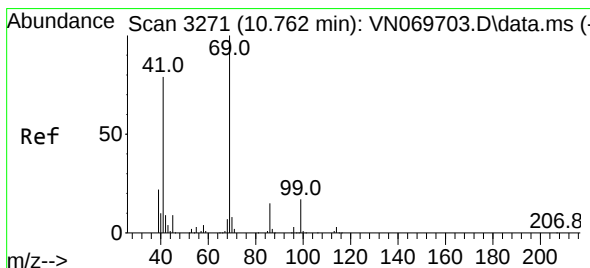
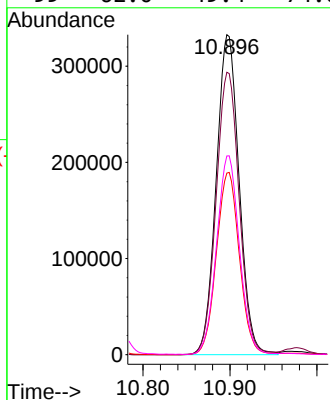
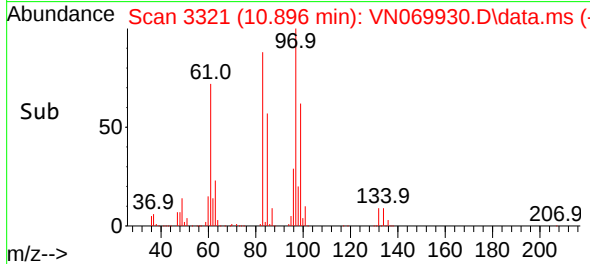
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



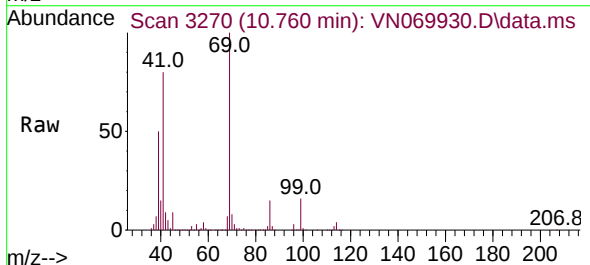
Tgt Ion: 97 Resp: 609091
Ion Ratio Lower Upper
97 100
83 88.3 67.8 101.6
85 56.8 45.4 68.2
99 62.0 49.4 74.0

Manual Integrations
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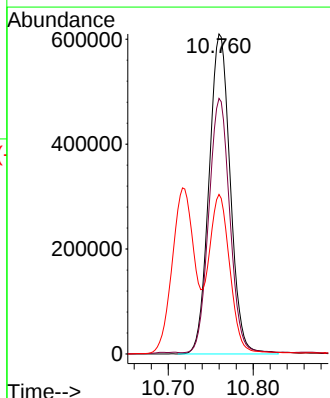
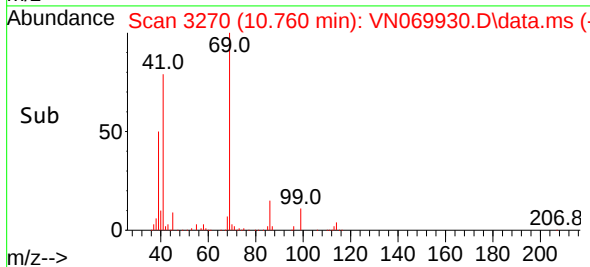
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#56
Ethyl methacrylate
Concen: 47.652 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



Tgt Ion: 69 Resp: 1058168
Ion Ratio Lower Upper
69 100
41 78.5 51.4 77.0#
39 48.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.821 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 107640

Ion Ratio Lower Upper

76 100

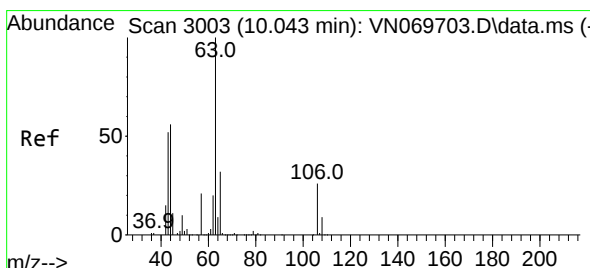
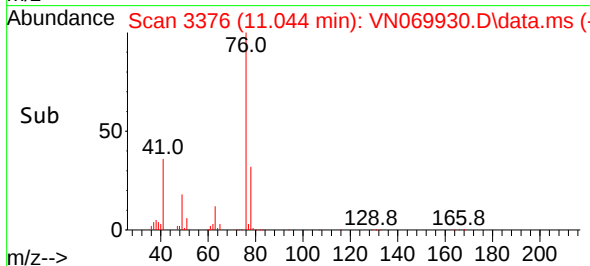
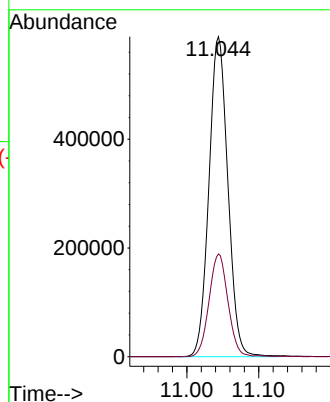
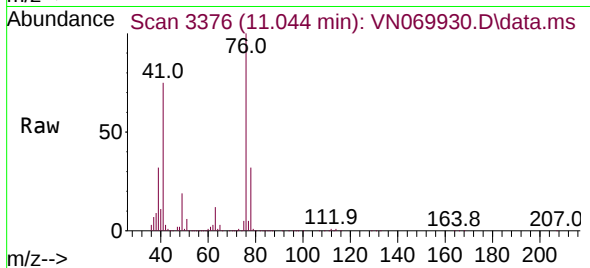
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 209.883 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069930.D

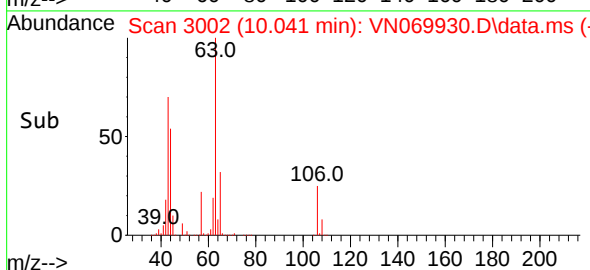
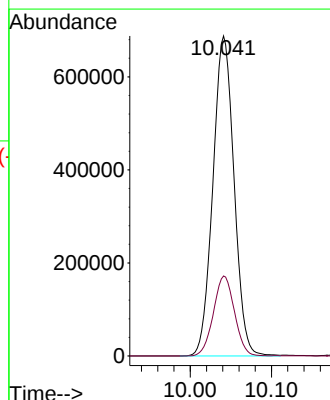
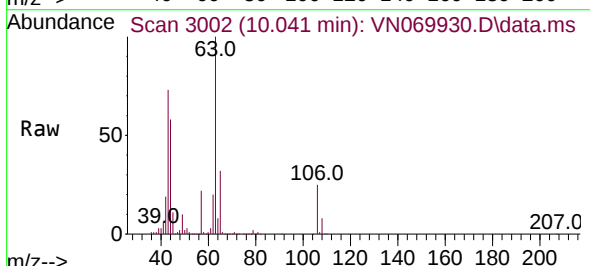
Acq: 9 Dec 2021 23:33

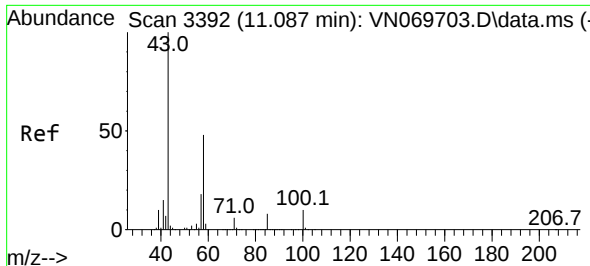
Tgt Ion: 63 Resp: 1242431

Ion Ratio Lower Upper

63 100

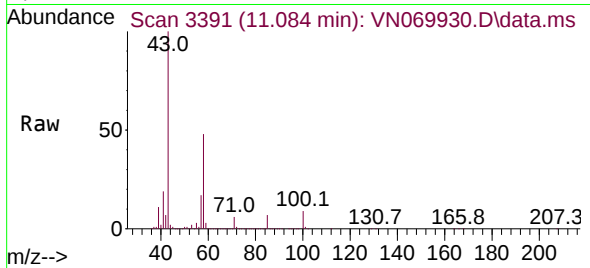
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 233.730 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

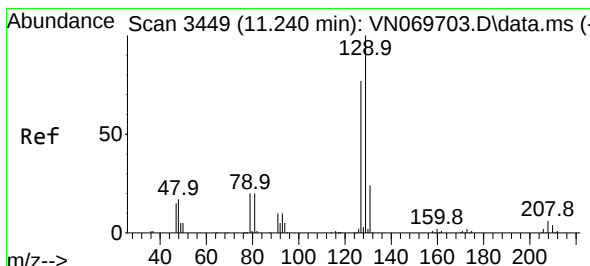
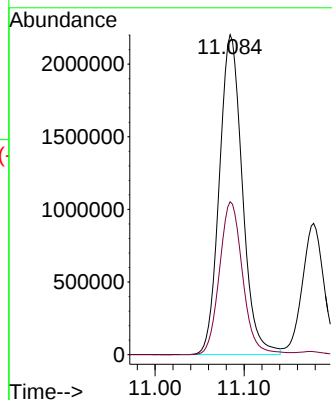
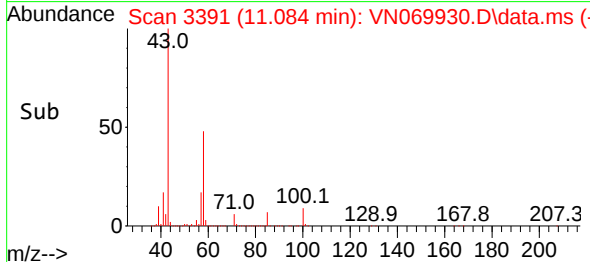
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 395816
Ion Ratio Lower Upper
43 100
58 48.3 26.9 80.7

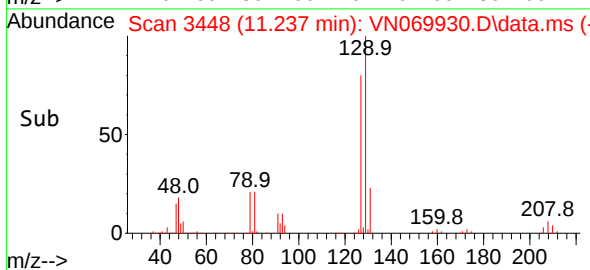
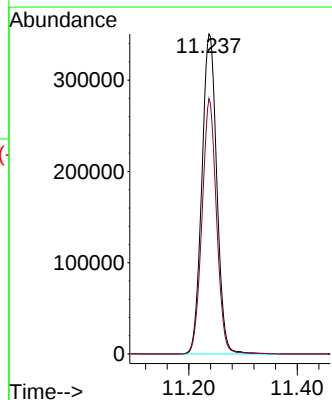
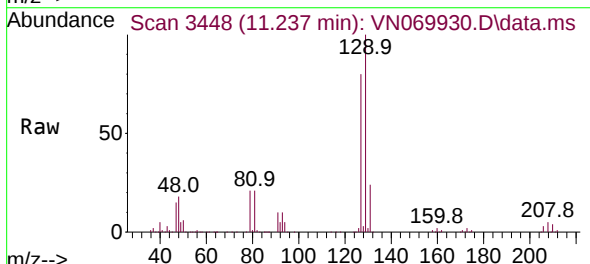
Manual Integrations
APPROVED

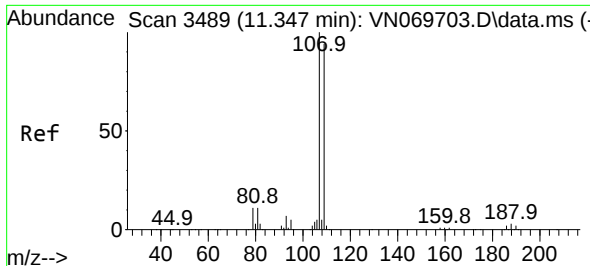
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 53.112 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

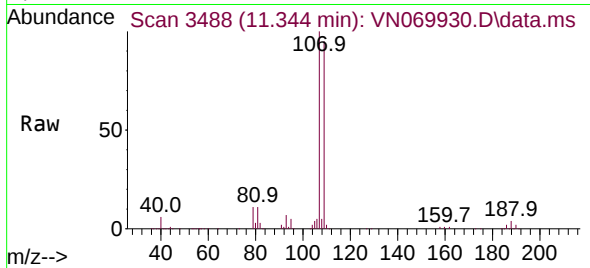
Tgt Ion:129 Resp: 673281
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.727 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

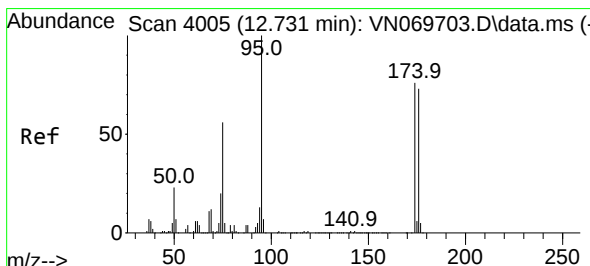
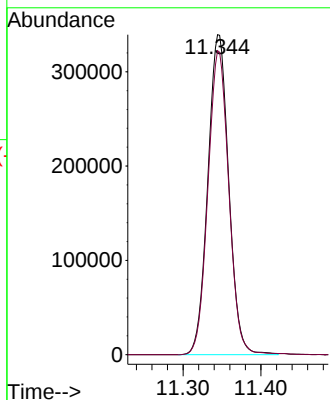
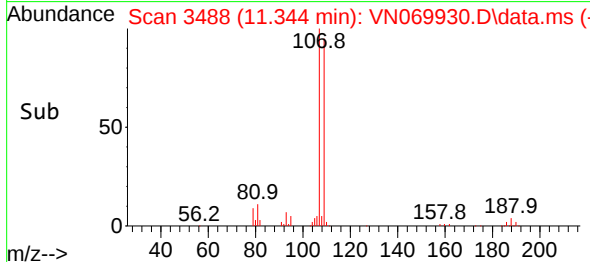
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 632020
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5

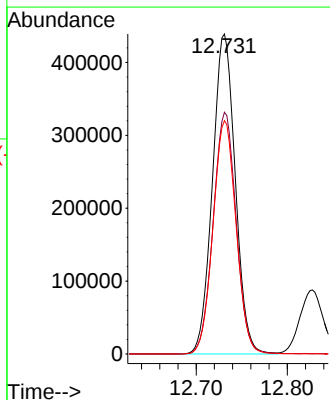
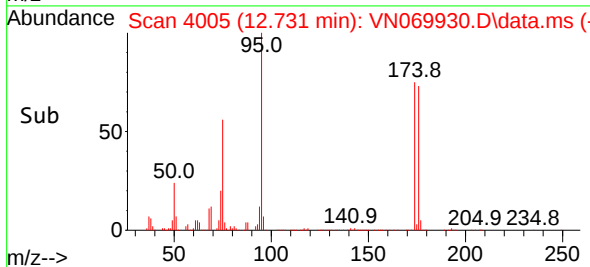
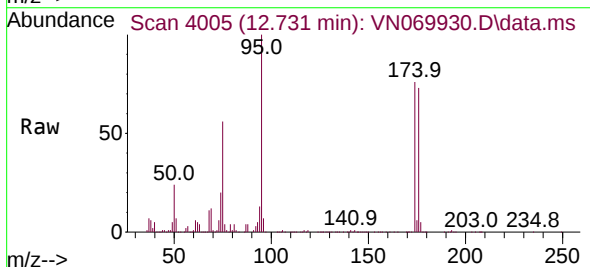
Manual Integrations
APPROVED

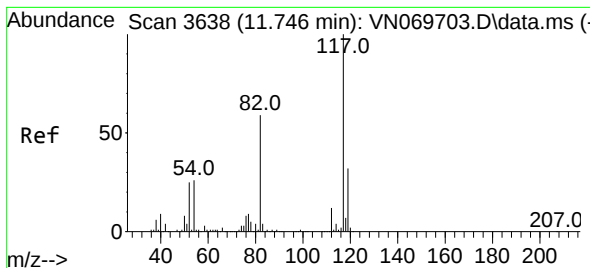
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 50.843 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Tgt Ion: 95 Resp: 762443
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.9 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069930.D

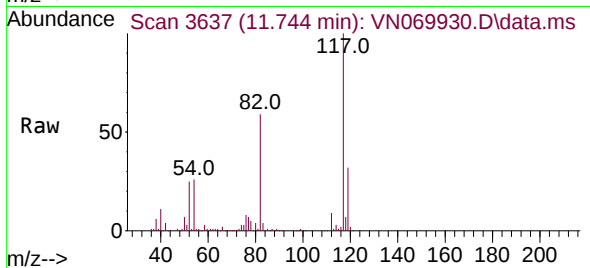
Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 1551654

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

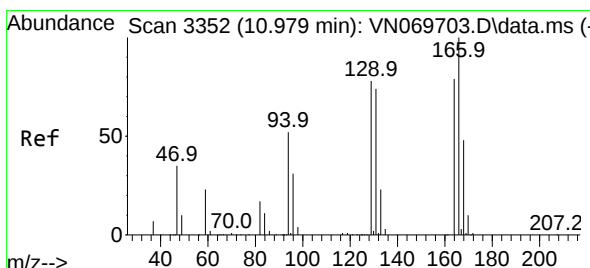
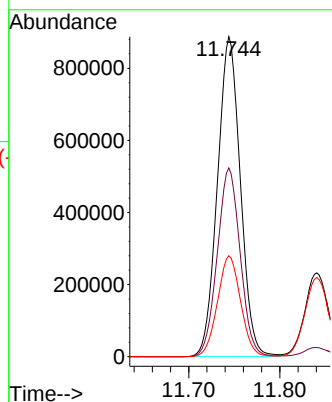
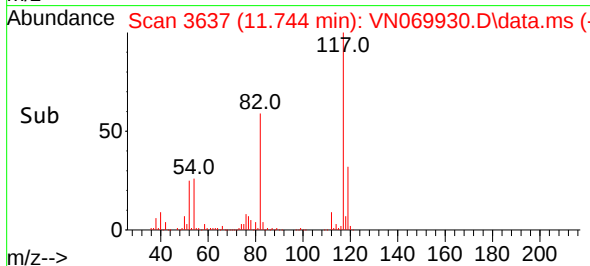
119 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#64

Tetrachloroethene

Concen: 48.317 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Tgt Ion:164 Resp: 508354

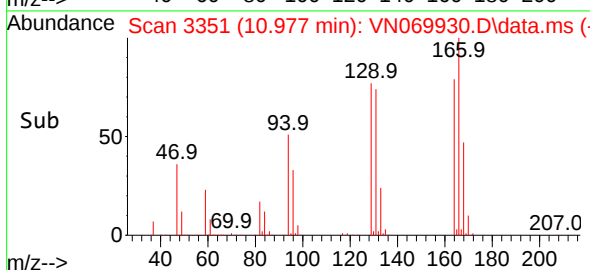
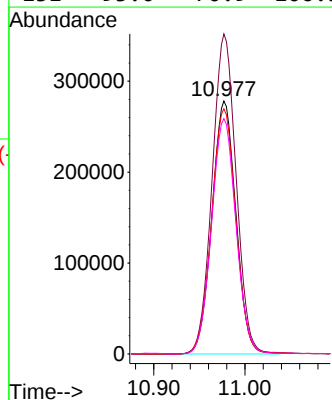
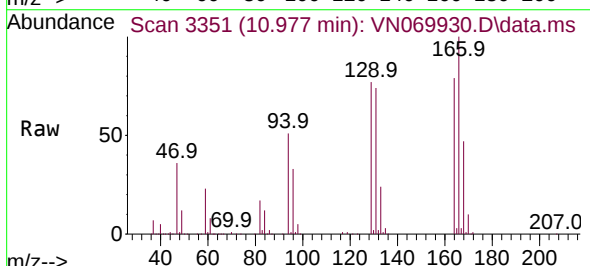
Ion Ratio Lower Upper

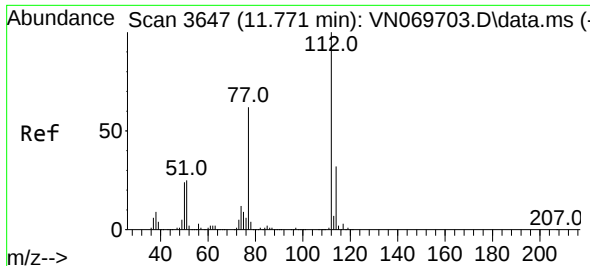
164 100

166 126.4 101.9 152.9

129 96.9 72.0 108.0

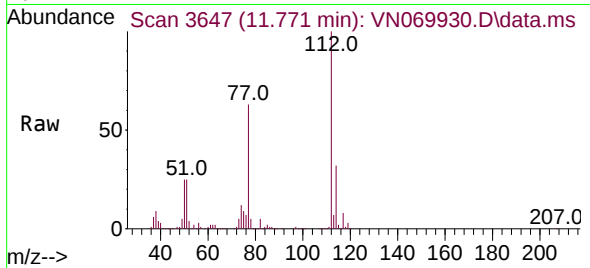
131 93.0 70.9 106.3





#65
Chlorobenzene
Concen: 51.291 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

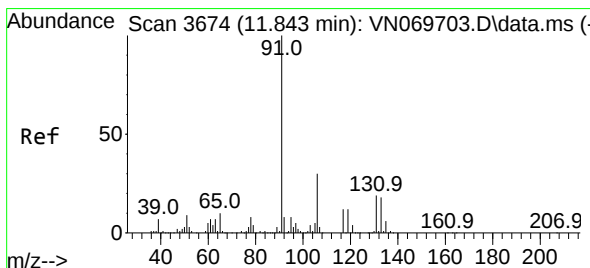
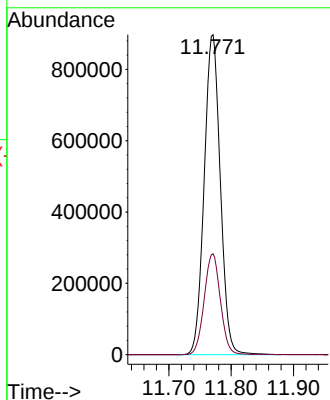
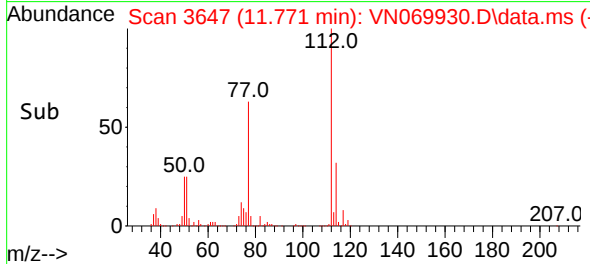
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



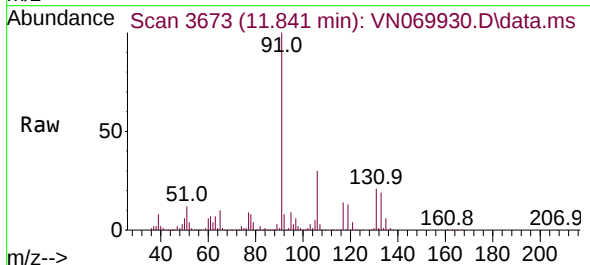
Tgt Ion:112 Resp: 161454
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
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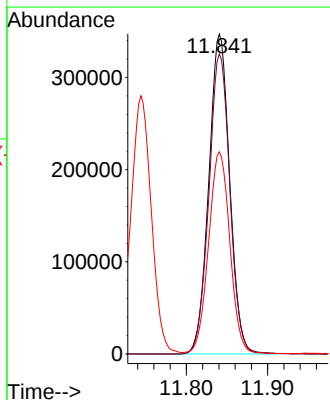
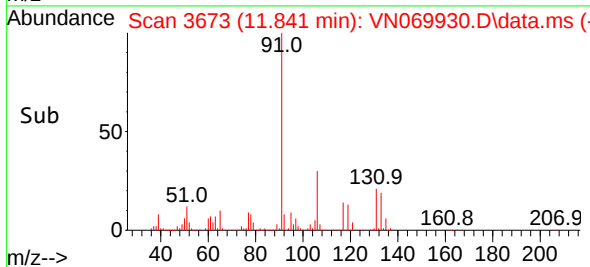
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

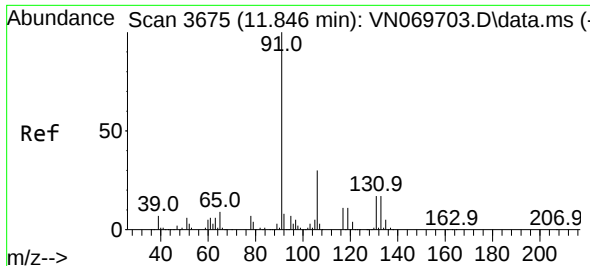


#66
1,1,1,2-Tetrachloroethane
Concen: 55.926 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



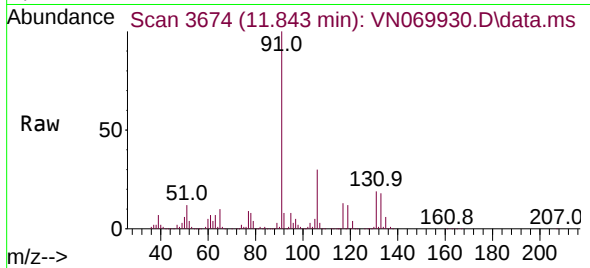
Tgt Ion:131 Resp: 619627
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 52.828 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

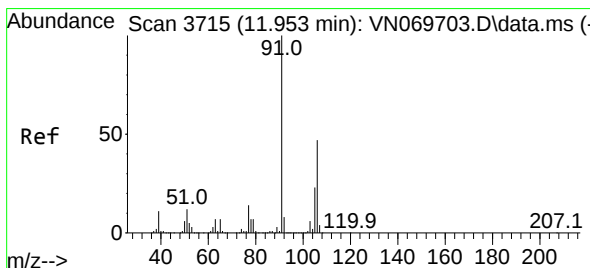
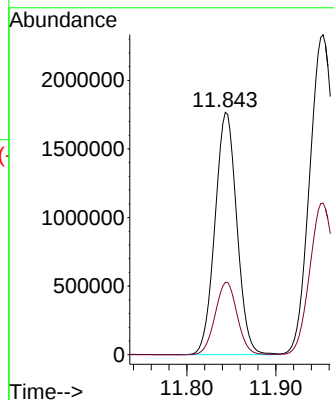
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 302071
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

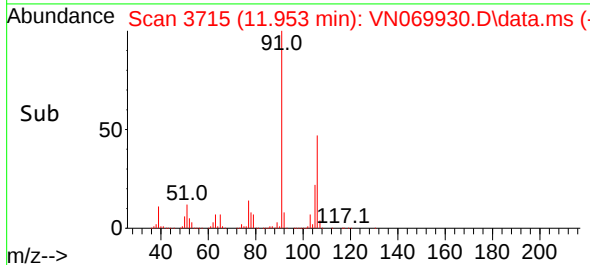
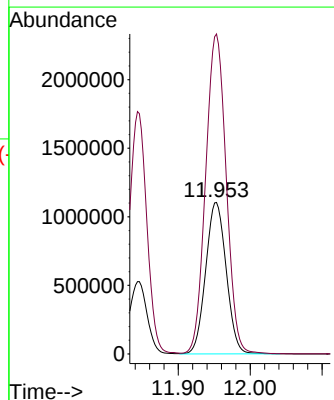
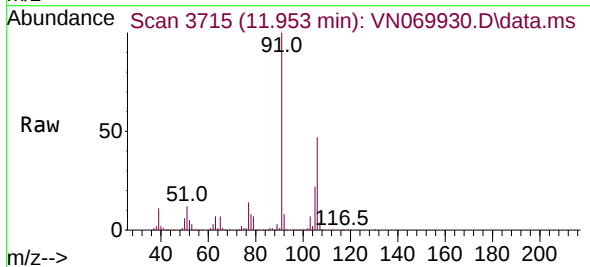
Manual Integrations
APPROVED

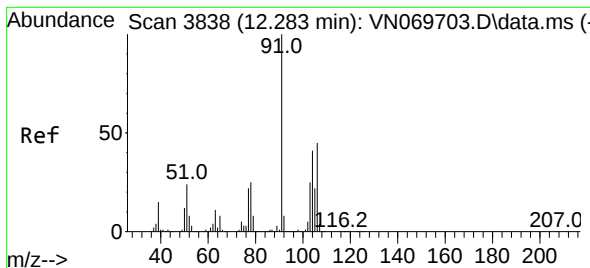
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 105.390 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Tgt Ion:106 Resp: 2194181
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8





#69

o-Xylene

Concen: 52.572 ug/l

RT: 12.280 min Scan# 3837

Delta R.T. -0.002 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 110248

Ion Ratio Lower Upper

106 100

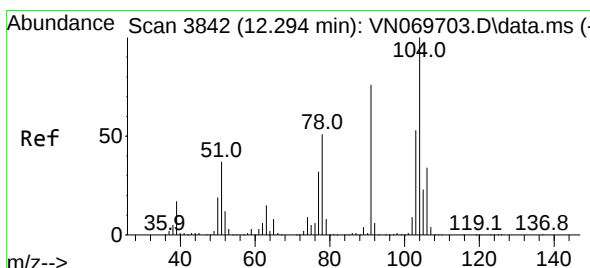
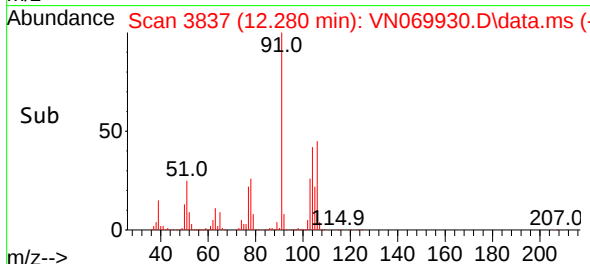
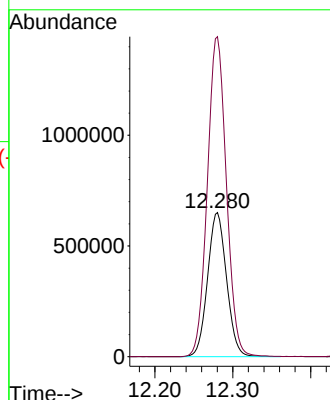
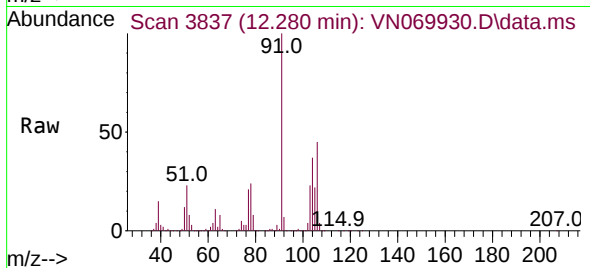
91 223.0 105.8 317.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#70

Styrene

Concen: 54.172 ug/l

RT: 12.294 min Scan# 3842

Delta R.T. -0.000 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

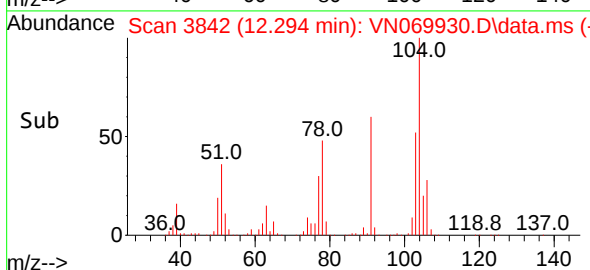
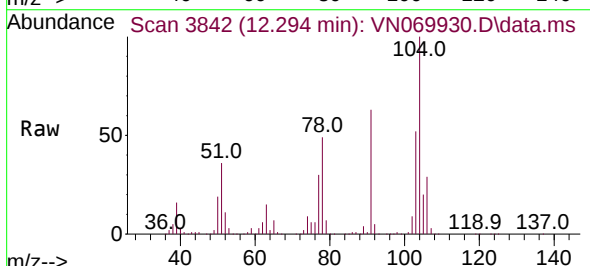
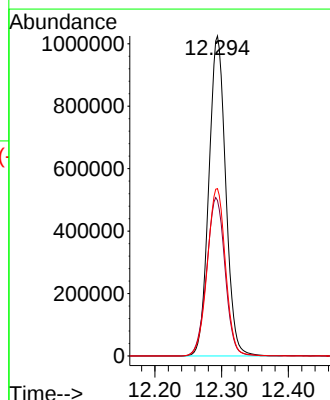
Tgt Ion:104 Resp: 1801421

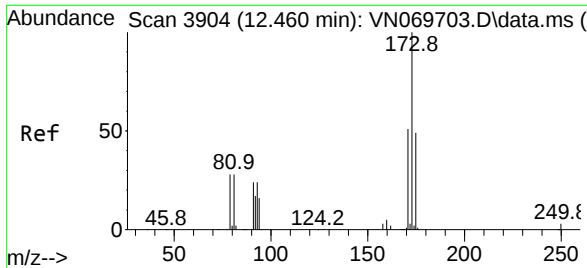
Ion Ratio Lower Upper

104 100

78 54.1 38.7 58.1

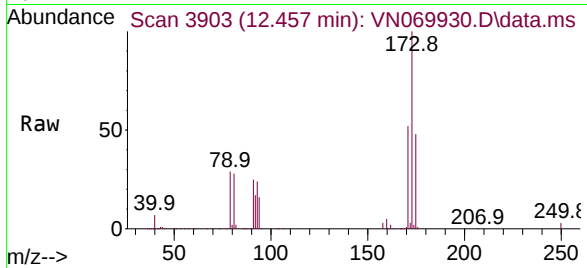
103 56.5 45.0 67.6





#71
Bromoform
Concen: 53.132 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

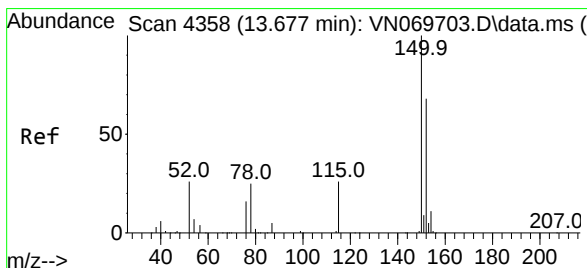
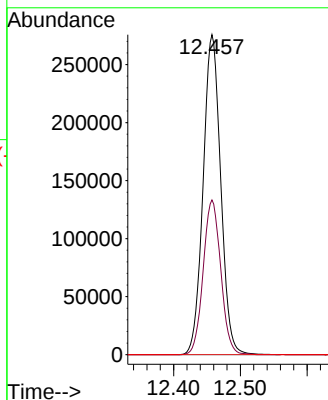
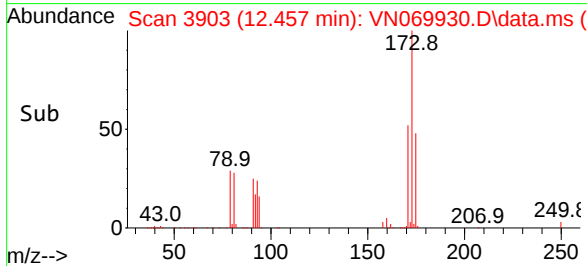
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



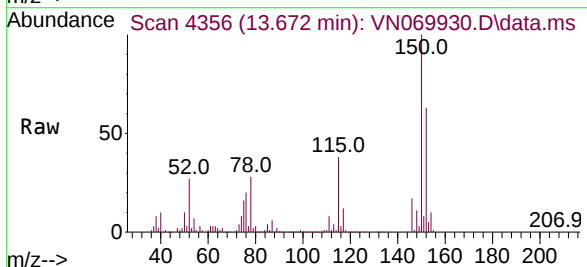
Tgt Ion:173 Resp: 50520
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

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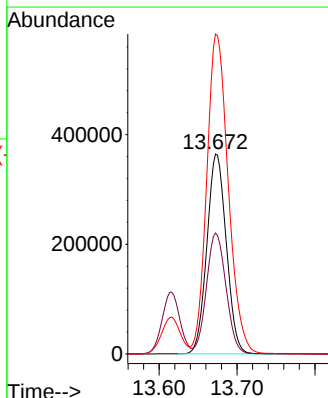
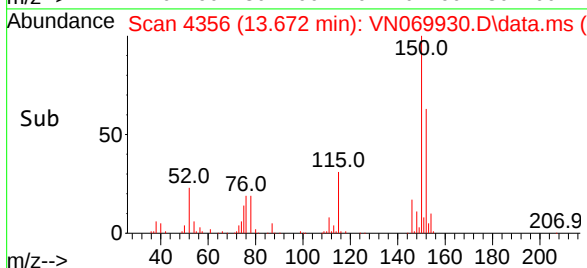
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

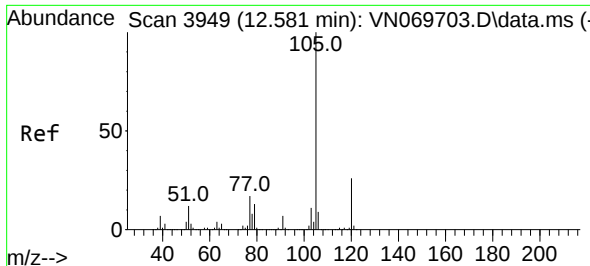


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



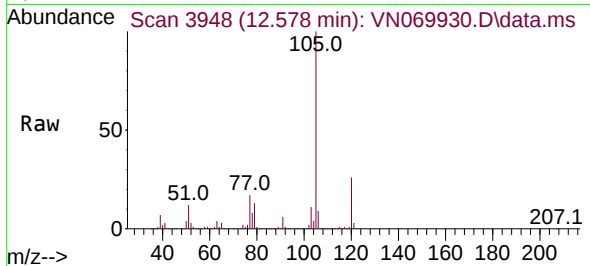
Tgt Ion:152 Resp: 631663
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 177.2 0.0 344.4





#73
Isopropylbenzene
Concen: 51.600 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

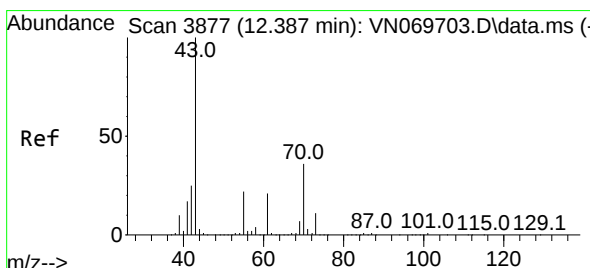
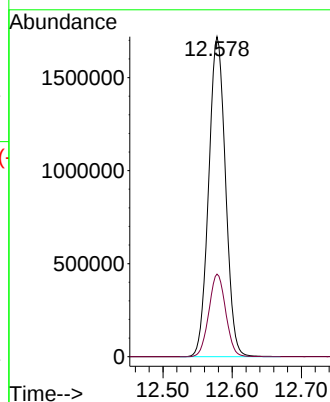
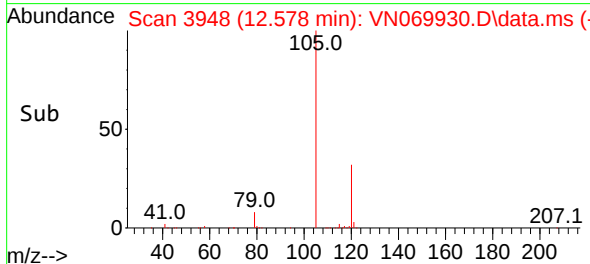
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



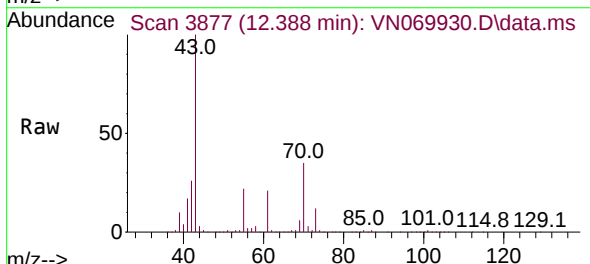
Tgt Ion:105 Resp: 289994
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

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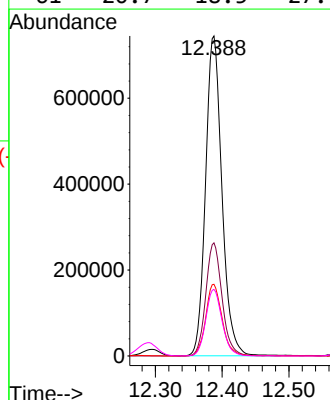
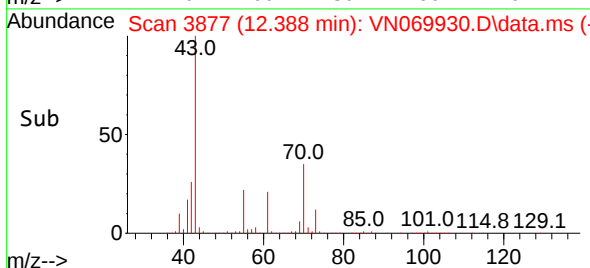
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

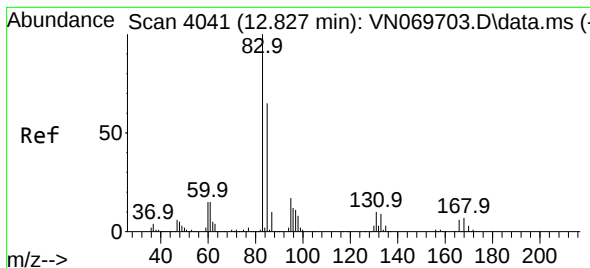


#74
N-ethyl acetate
Concen: 51.063 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



Tgt Ion: 43 Resp: 1269130
Ion Ratio Lower Upper
43 100
70 35.1 33.4 50.0
55 22.6 19.3 28.9
61 20.7 18.5 27.7





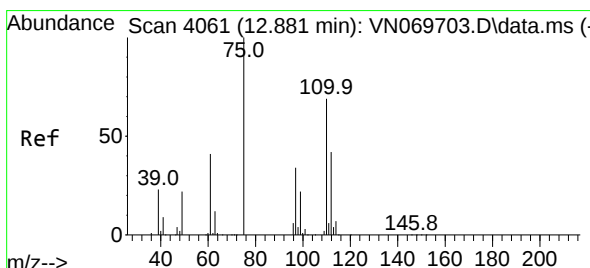
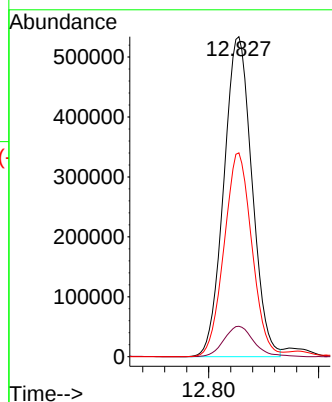
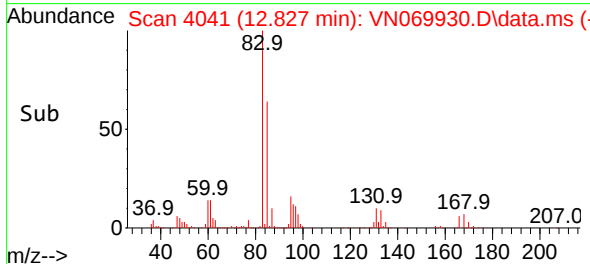
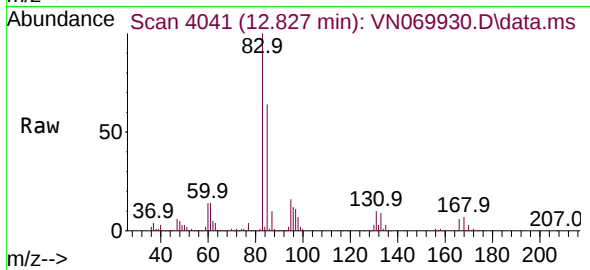
#75
1,1,2,2-Tetrachloroethane
Concen: 48.932 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 95095
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.0 32.4 97.2

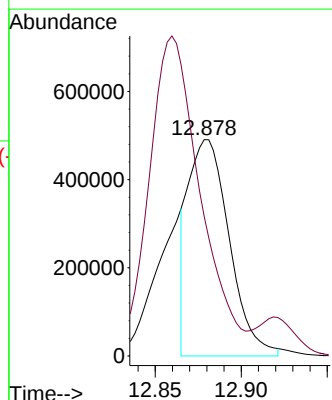
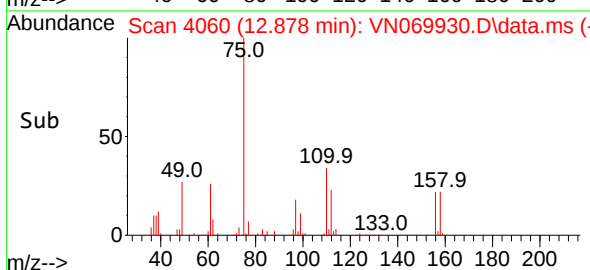
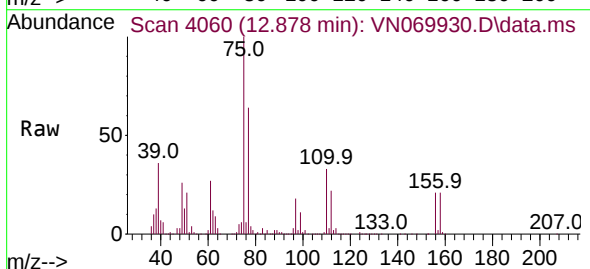
Manual Integrations
APPROVED

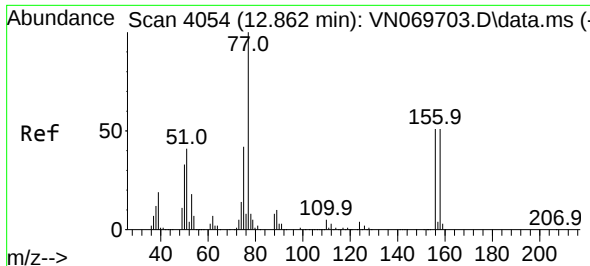
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#76
1,2,3-Trichloropropane
Concen: 44.878 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

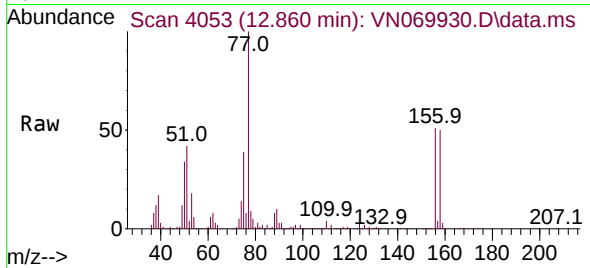
Tgt Ion: 75 Resp: 812946
Ion Ratio Lower Upper
75 100
77 184.8 82.6 247.8





#77
Bromobenzene
Concen: 49.987 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

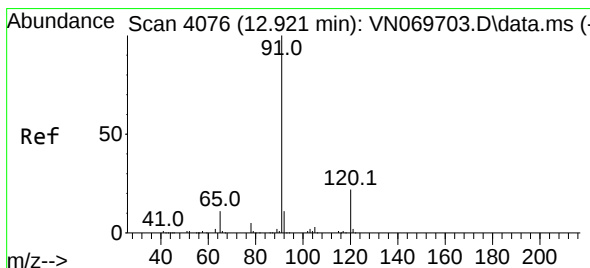
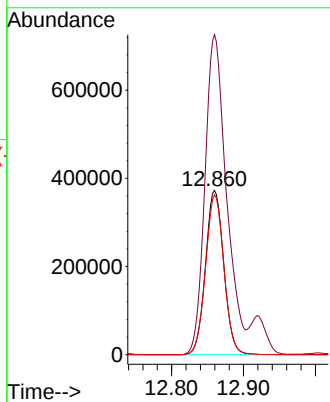
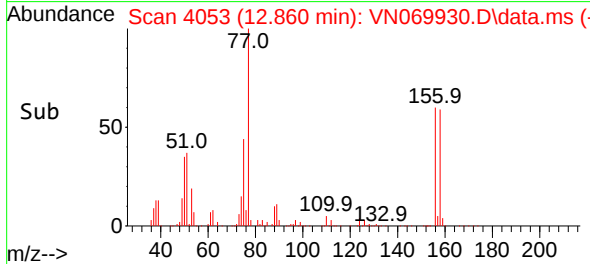
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 659869
Ion Ratio Lower Upper
156 100
77 227.6 90.6 271.8
158 97.5 48.9 146.7

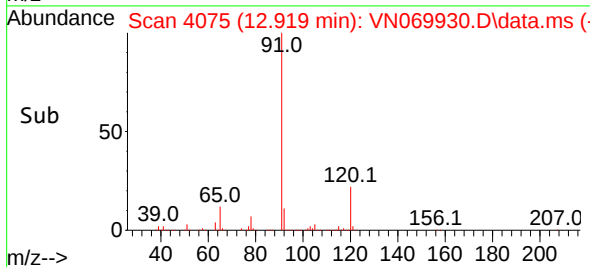
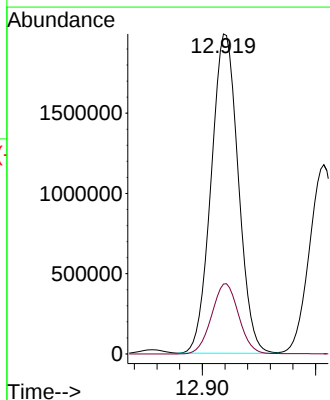
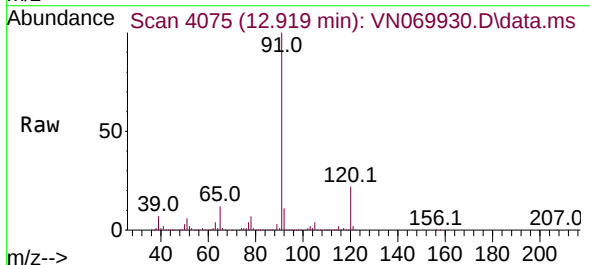
Manual Integrations
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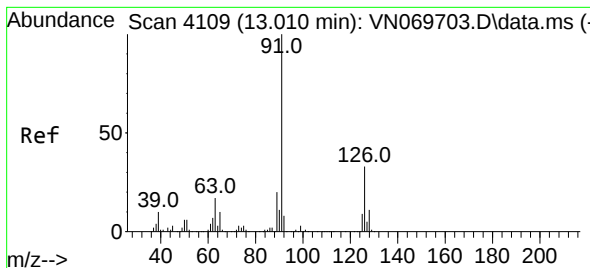
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 52.797 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Tgt Ion: 91 Resp: 3301846
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





#79

2-Chlorotoluene

Concen: 51.296 ug/l

RT: 13.007 min Scan# 4108

Delta R.T. -0.002 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 202701

Ion Ratio Lower Upper

91 100

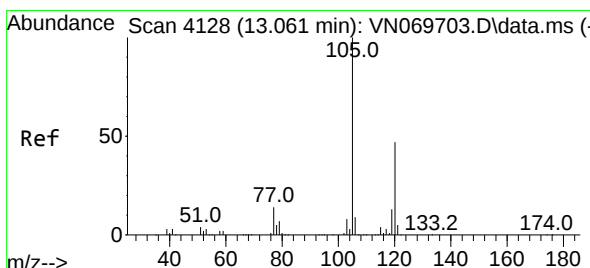
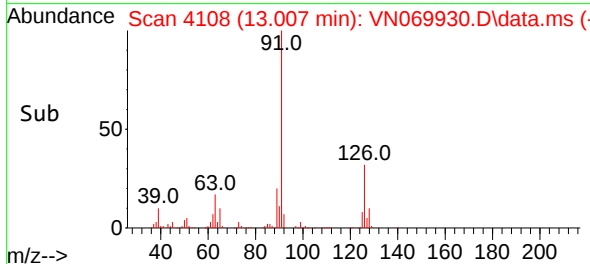
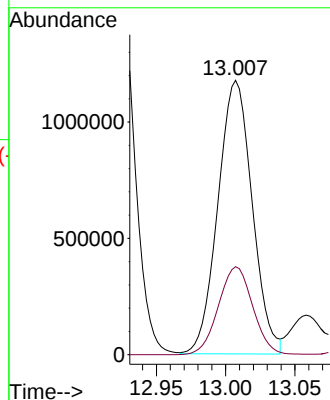
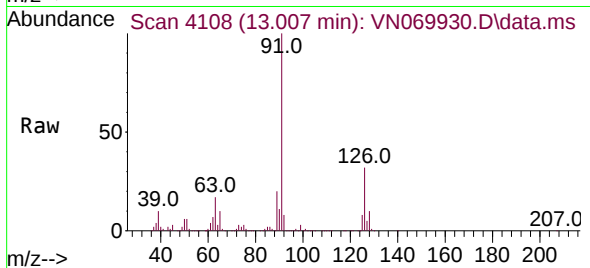
126 32.2 18.3 54.8

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#80

1,3,5-Trimethylbenzene

Concen: 52.213 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.002 min

Lab File: VN069930.D

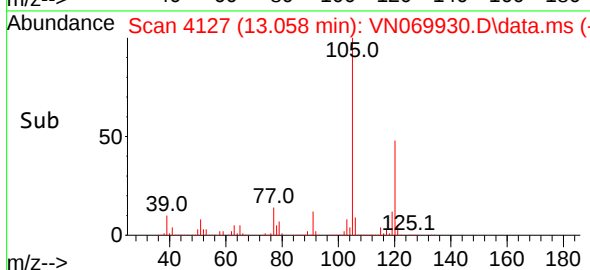
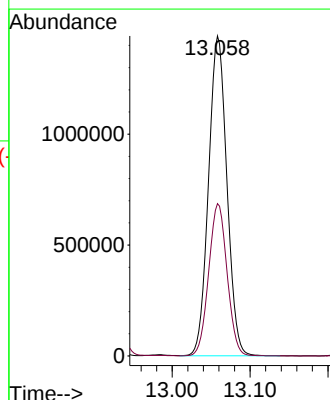
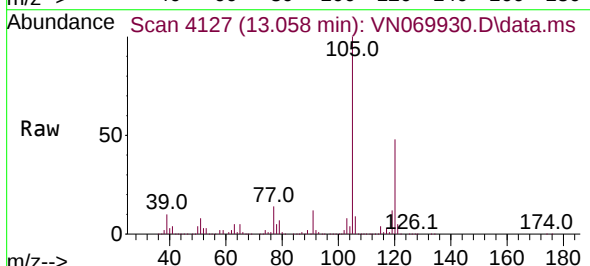
Acq: 9 Dec 2021 23:33

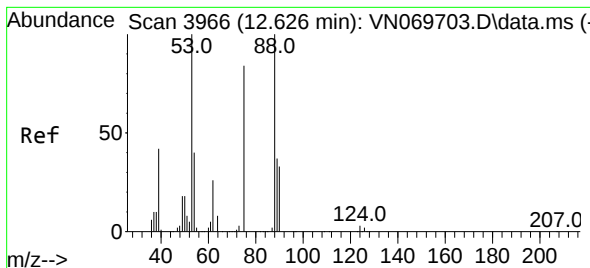
Tgt Ion:105 Resp: 2361855

Ion Ratio Lower Upper

105 100

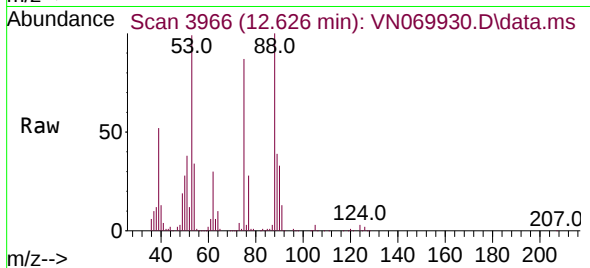
120 47.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.034 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

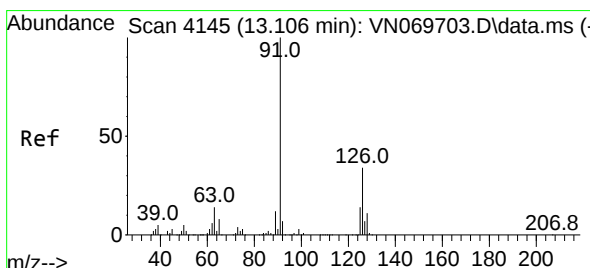
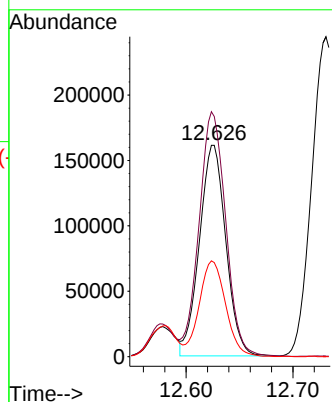
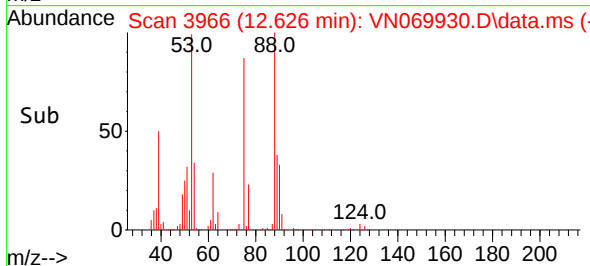
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 27694
Ion Ratio Lower Upper
75 100
53 117.5 90.5 135.7
89 45.4 38.2 57.4

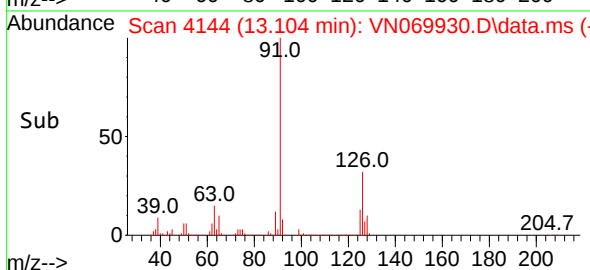
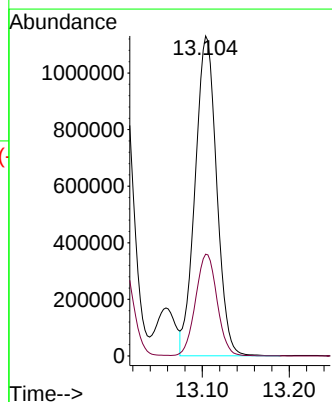
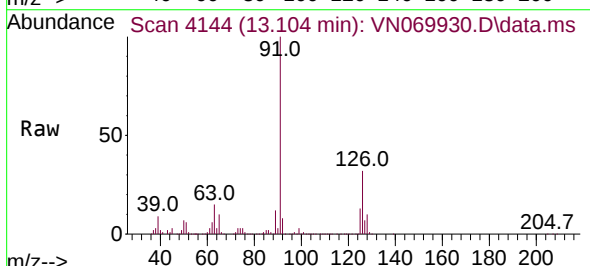
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 52.074 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

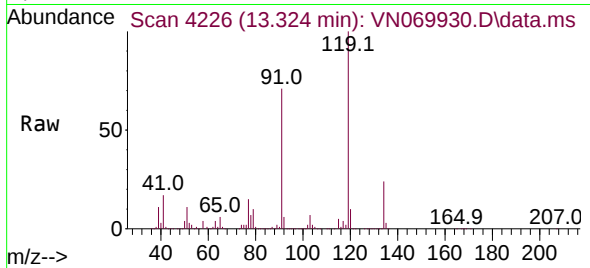
Tgt Ion: 91 Resp: 1935209
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 51.446 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

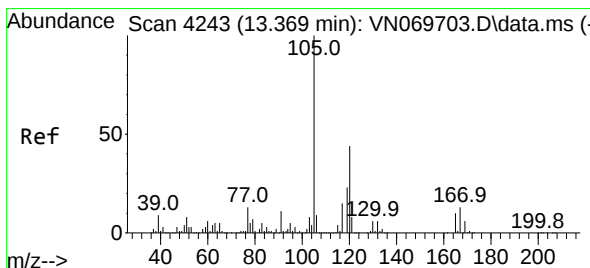
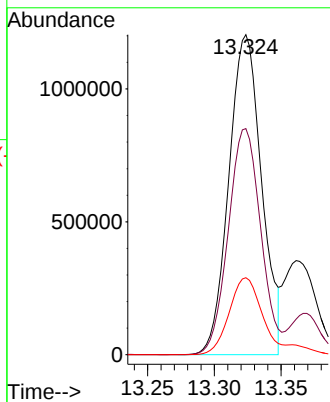
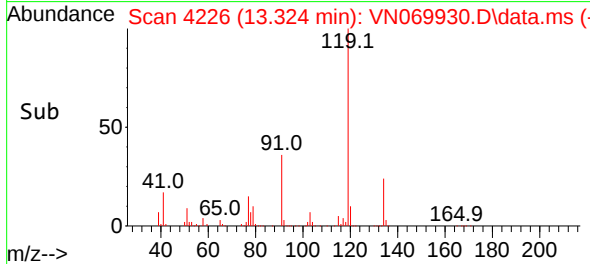
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



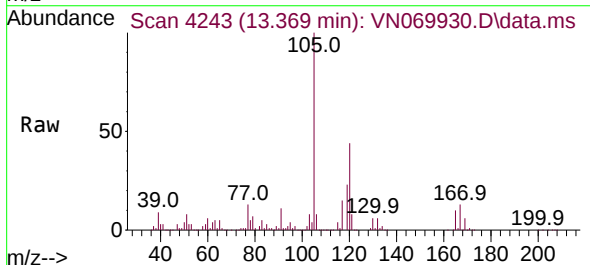
Tgt Ion:119 Resp: 2060598
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 24.1 12.4 37.4

Manual Integrations
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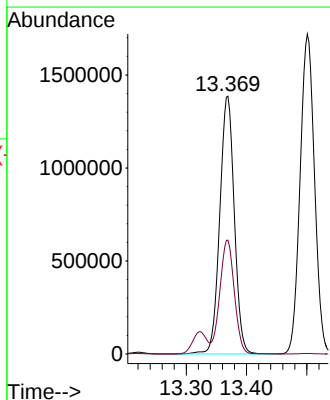
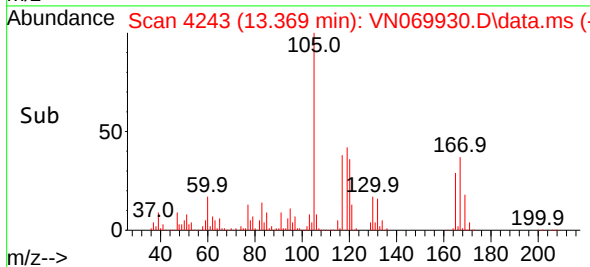
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

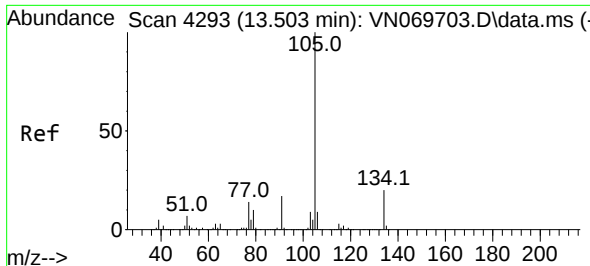


#84
1,2,4-Trimethylbenzene
Concen: 53.880 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



Tgt Ion:105 Resp: 2321108
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





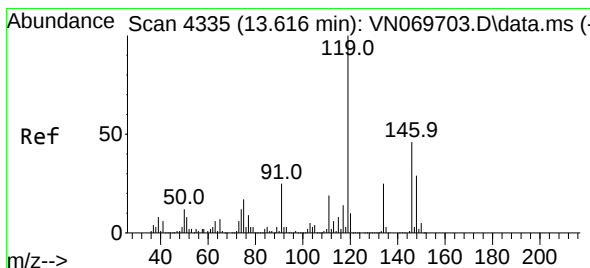
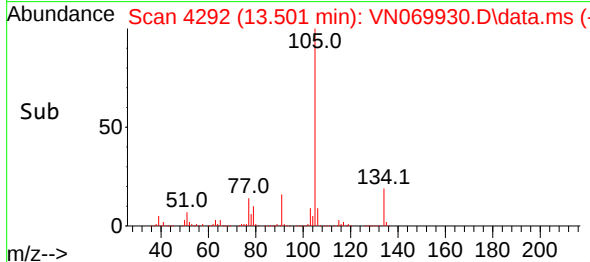
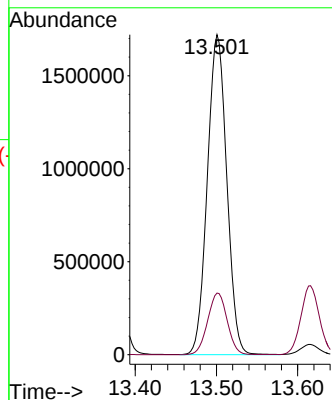
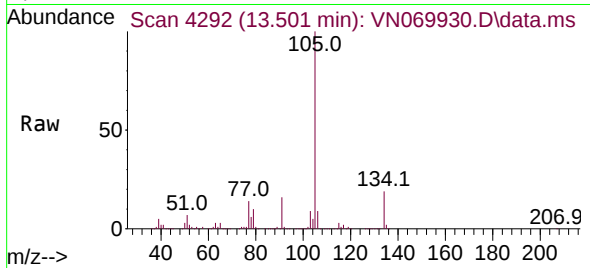
#85
 sec-Butylbenzene
 Concen: 52.572 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069930.D
 Acq: 9 Dec 2021 23:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 285622
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

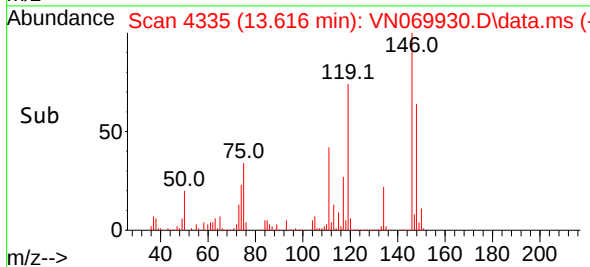
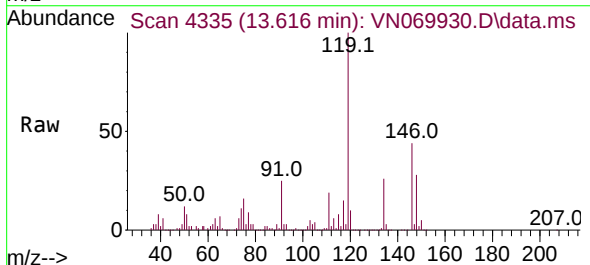
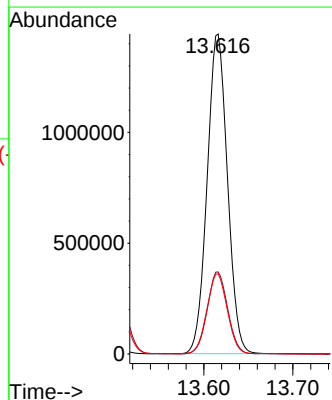
Manual Integrations
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Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 53.732 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069930.D
 Acq: 9 Dec 2021 23:33

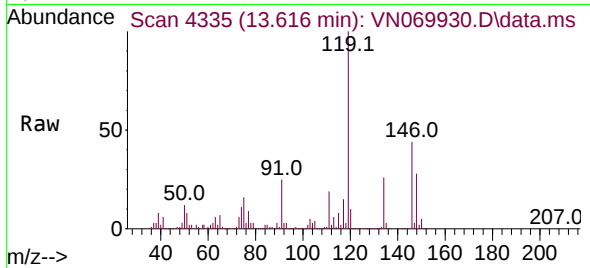
Tgt Ion:119 Resp: 2281861
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 51.075 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

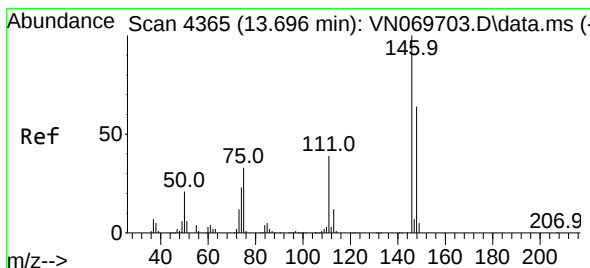
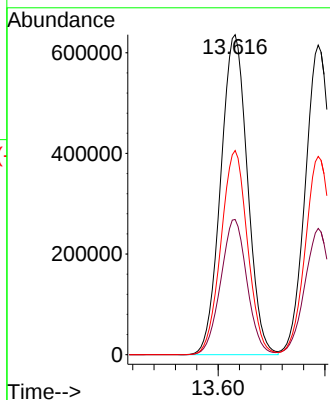
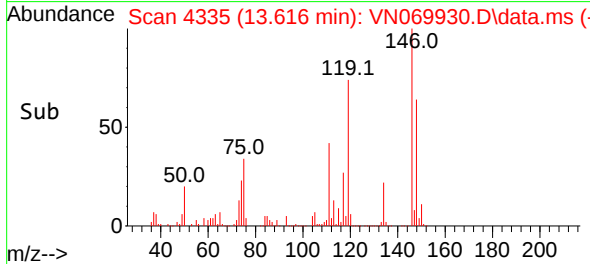
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



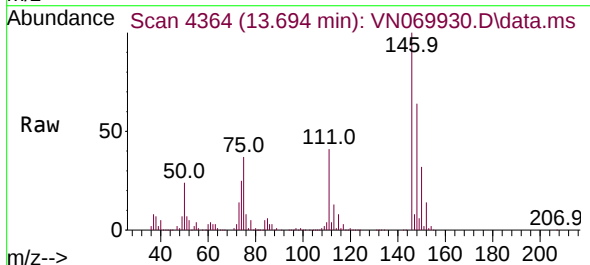
Tgt Ion:146 Resp: 1107649
Ion Ratio Lower Upper
146 100
111 41.5 18.6 55.6
148 63.4 31.6 95.0

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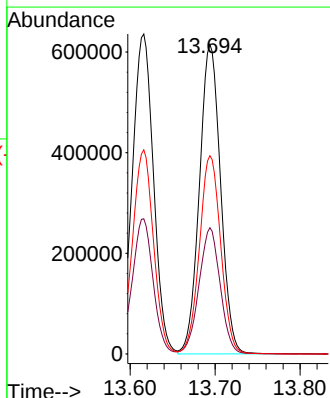
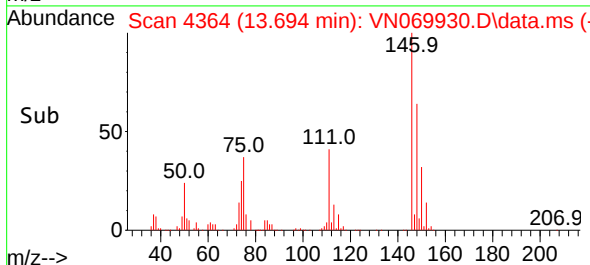
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 49.878 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



Tgt Ion:146 Resp: 1062990
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.3 31.8 95.4





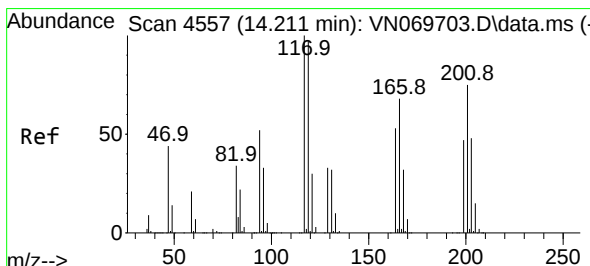
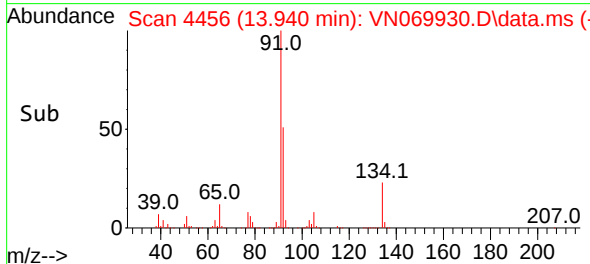
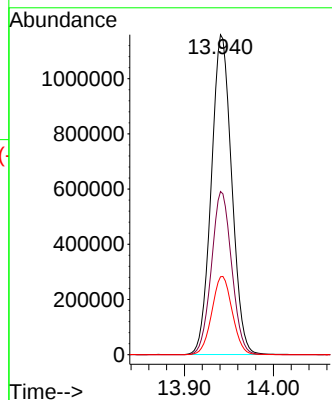
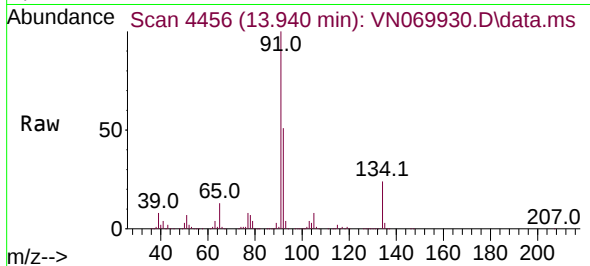
#89
n-Butylbenzene
Concen: 53.556 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 184496
Ion Ratio Lower Upper
91 100
92 50.7 25.4 76.0
134 24.6 13.6 40.8

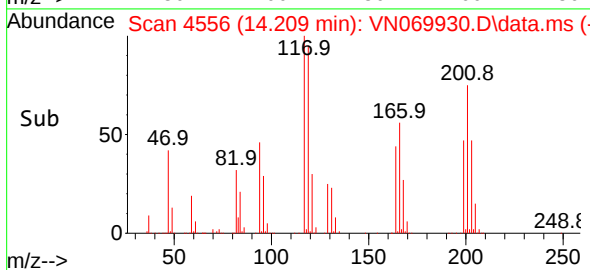
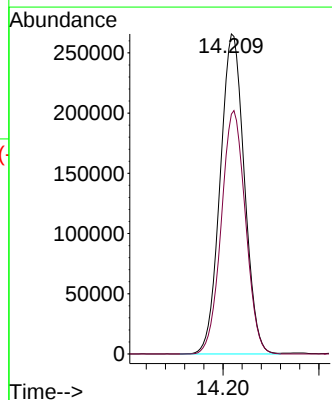
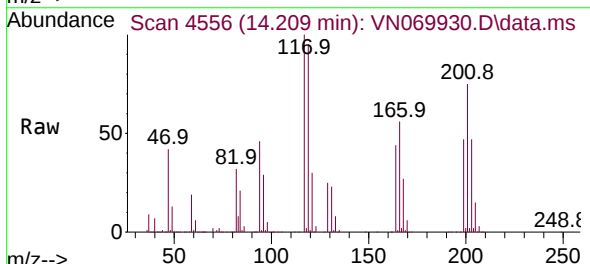
Manual Integrations
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 62.212 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

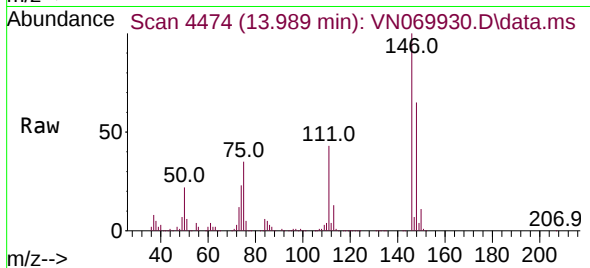
Tgt Ion:117 Resp: 463847
Ion Ratio Lower Upper
117 100
201 76.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 50.347 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

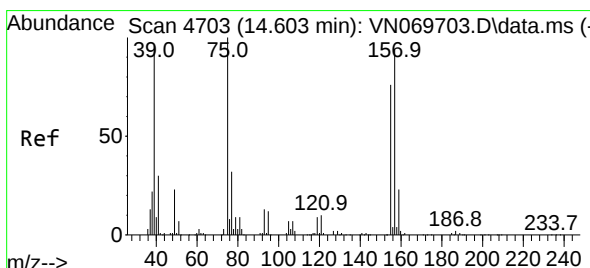
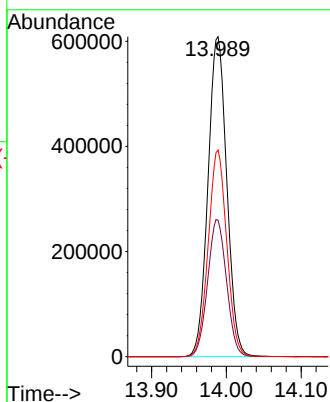
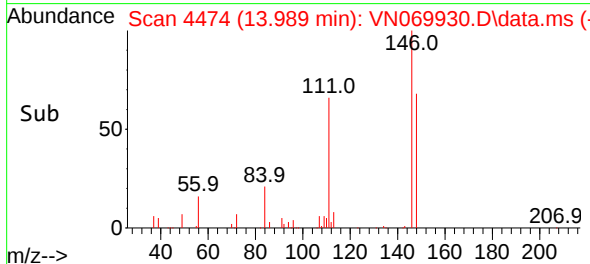
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



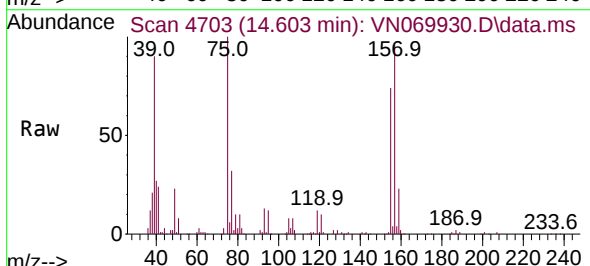
Tgt Ion:146 Resp: 106384
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.8 32.1 96.3

Manual Integrations
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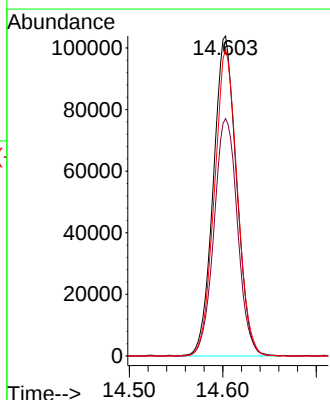
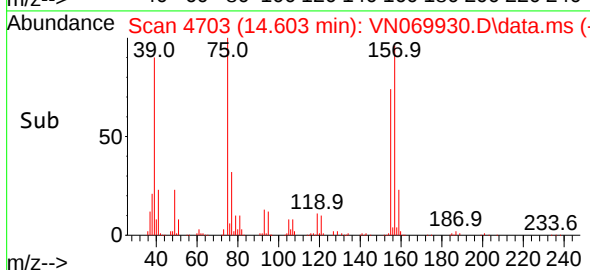
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

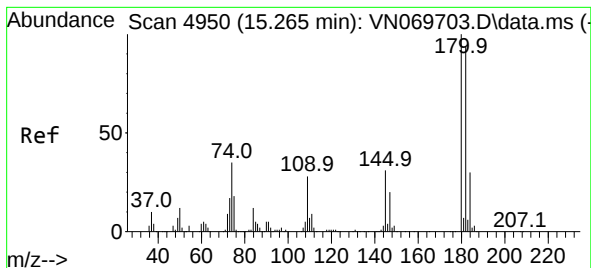


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.220 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33



Tgt Ion: 75 Resp: 179873
Ion Ratio Lower Upper
75 100
155 75.2 46.9 140.7
157 94.2 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 46.695 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

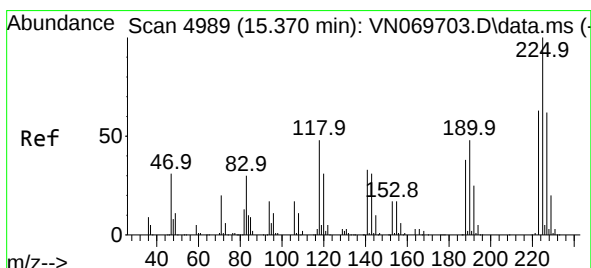
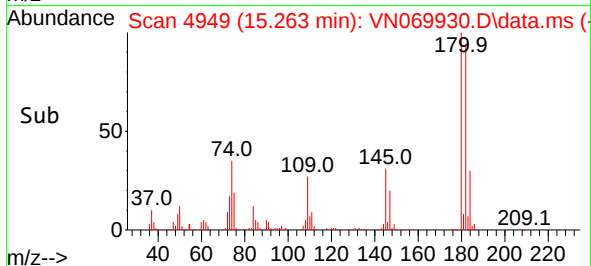
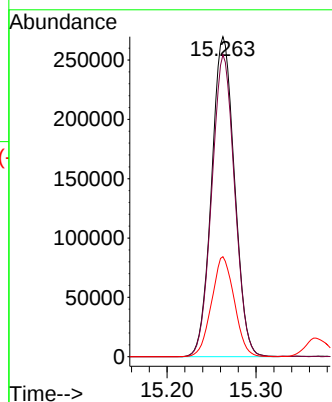
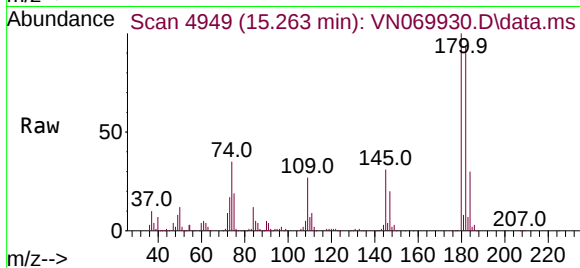
Tgt Ion:180	Resp: 48183
Ion Ratio	Lower Upper
180	100
182	94.3 48.3 144.9
145	31.1 14.5 43.5

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#94

Hexachlorobutadiene

Concen: 51.320 ug/l

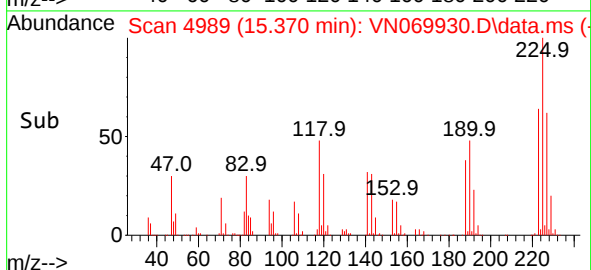
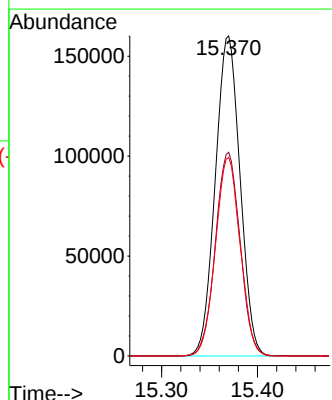
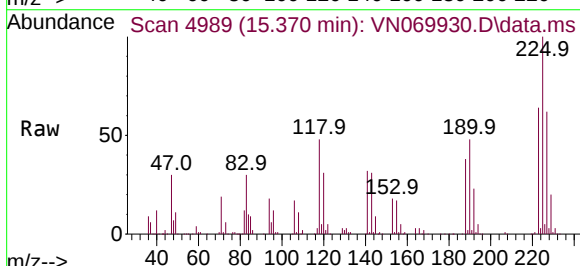
RT: 15.370 min Scan# 4989

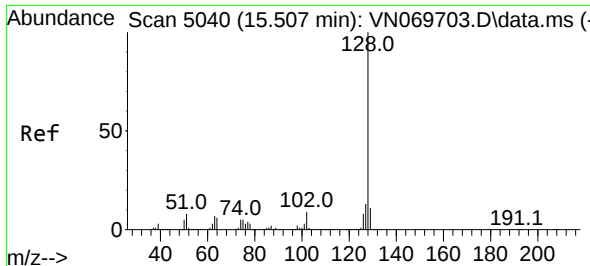
Delta R.T. 0.000 min

Lab File: VN069930.D

Acq: 9 Dec 2021 23:33

Tgt Ion:225	Resp: 287393
Ion Ratio	Lower Upper
225	100
223	63.3 31.9 95.7
227	61.9 32.1 96.3





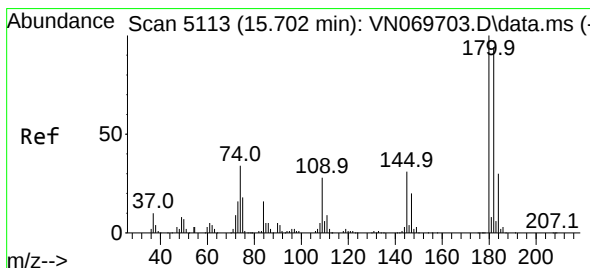
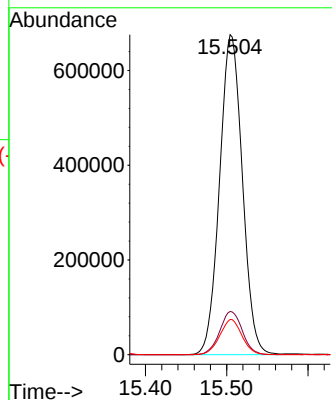
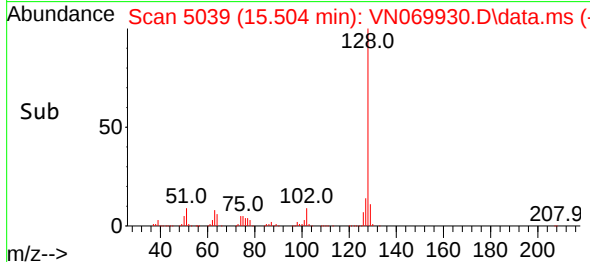
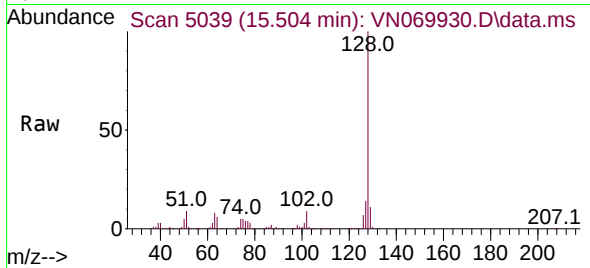
#95
Naphthalene
Concen: 43.218 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 131596
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 46.839 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069930.D
Acq: 9 Dec 2021 23:33

Tgt Ion:180 Resp: 471452
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 32.3 15.0 45.1

