

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069902.D
 Acq On : 9 Dec 2021 9:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 09 12:04:33 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1055181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1784088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1662972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	718127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	810926	49.774	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.540%		
35) Dibromofluoromethane	8.021	113	563935	50.463	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.920%		
50) Toluene-d8	10.441	98	2209324	49.236	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.480%		
62) 4-Bromofluorobenzene	12.728	95	798862	49.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	578837	47.033	ug/l	98
3) Chloromethane	2.303	50	698511	45.303	ug/l	99
4) Vinyl Chloride	2.448	62	666991	47.046	ug/l	97
5) Bromomethane	2.845	94	341707	44.364	ug/l	100
6) Chloroethane	3.017	64	404249	46.531	ug/l	98
7) Trichlorofluoromethane	3.379	101	875805	47.068	ug/l	98
8) Diethyl Ether	3.824	74	349380	48.752	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.208	101	508661	48.768	ug/l	96
10) Methyl Iodide	4.422	142	690198	48.438	ug/l	98
11) Tert butyl alcohol	5.372	59	520273	168.943	ug/l	99
12) 1,1-Dichloroethene	4.181	96	484832	48.237	ug/l	89
13) Acrolein	4.039	56	692897	264.208	ug/l	99
14) Allyl chloride	4.841	41	1085599	47.933	ug/l	93
15) Acrylonitrile	5.554	53	1856176	223.680	ug/l	99
16) Acetone	4.285	43	1651452	168.509	ug/l	97
17) Carbon Disulfide	4.529	76	1289708	49.668	ug/l	100
18) Methyl Acetate	4.854	43	1342838	45.394	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1900771	48.637	ug/l	97
20) Methylene Chloride	5.095	84	601651	46.180	ug/l #	86
21) trans-1,2-Dichloroethene	5.600	96	517607	47.413	ug/l	86
22) Diisopropyl ether	6.495	45	2228143	50.333	ug/l #	95
23) Vinyl Acetate	6.434	43	9107590	252.886	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1141103	49.762	ug/l	98
25) 2-Butanone	7.335	43	2659183	199.700	ug/l	90
26) 2,2-Dichloropropane	7.327	77	729220	40.900	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	630183	47.778	ug/l	87
28) Bromochloromethane	7.657	49	632417	53.035	ug/l #	78
29) Tetrahydrofuran	7.683	42	1754942	217.042	ug/l	87
30) Chloroform	7.818	83	1132515	48.901	ug/l	100
31) Cyclohexane	8.094	56	1043674	46.032	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	984620	49.912	ug/l	95
36) 1,1-Dichloropropene	8.220	75	815498	48.016	ug/l	96
37) Ethyl Acetate	7.413	43	1107562	43.814	ug/l	94
38) Carbon Tetrachloride	8.206	117	847731	50.900	ug/l	100
39) Methylcyclohexane	9.459	83	955978	47.321	ug/l	89
40) Benzene	8.459	78	2473157	47.640	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	574515	48.415	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	996615	47.557	ug/l	96
43) Isopropyl Acetate	8.560	43	1792645	47.921	ug/l #	93
44) Trichloroethene	9.215	130	579821	46.795	ug/l	92
45) 1,2-Dichloropropane	9.488	63	689879	49.487	ug/l	99
46) Dibromomethane	9.574	93	437594	47.863	ug/l	93
47) Bromodichloromethane	9.762	83	905729	52.323	ug/l	99
48) Methyl methacrylate	9.558	41	824436	47.225	ug/l	85
49) 1,4-Dioxane	9.569	88	214523	684.853	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	5622558	231.690	ug/l	94
52) Toluene	10.505	92	1520886	47.987	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	931283	45.018	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	996470	45.773	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	611954	47.854	ug/l	97
56) Ethyl methacrylate	10.760	69	1049510	43.793	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	1089251	48.375	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1320733	206.174	ug/l	91
59) 2-Hexanone	11.084	43	3940816	214.669	ug/l	92
60) Dibromochloromethane	11.237	129	654279	47.859	ug/l	100
61) 1,2-Dibromoethane	11.344	107	633454	47.825	ug/l	98
64) Tetrachloroethene	10.977	164	500338	44.372	ug/l	95
65) Chlorobenzene	11.768	112	1602271	47.493	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	610160	51.385	ug/l	99
67) Ethyl Benzene	11.843	91	3020173	49.283	ug/l	96
68) m/p-Xylenes	11.953	106	2190484	98.169	ug/l	91
69) o-Xylene	12.280	106	1099648	48.926	ug/l	92
70) Styrene	12.294	104	1807211	50.708	ug/l	95
71) Bromoform	12.457	173	492038	48.533	ug/l #	100
73) Isopropylbenzene	12.578	105	2888300	45.205	ug/l	98
74) N-amyl acetate	12.385	43	1290795	45.682	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	967327	43.782	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	865971m	42.049	ug/l	
77) Bromobenzene	12.860	156	667242	44.460	ug/l	78
78) n-propylbenzene	12.919	91	3308385	46.532	ug/l	96
79) 2-Chlorotoluene	13.007	91	2046742	45.559	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2389969	46.474	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	260448	42.090	ug/l	95
82) 4-Chlorotoluene	13.104	91	1956647	46.312	ug/l	93
83) tert-Butylbenzene	13.321	119	2081445	45.709	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2337313	47.723	ug/l	97
85) sec-Butylbenzene	13.501	105	2873817	46.527	ug/l	97
86) p-Isopropyltoluene	13.613	119	2299827	47.635	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1124190	45.597	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1081994	44.657	ug/l	97
89) n-Butylbenzene	13.941	91	1876797	47.921	ug/l	97
90) Hexachloroethane	14.209	117	456463	53.850	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	1090088	45.377	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	178947	44.821	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	480578	41.319	ug/l	98
94) Hexachlorobutadiene	15.367	225	297644	46.751	ug/l	99
95) Naphthalene	15.504	128	1239622	36.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	464669	40.931	ug/l	98

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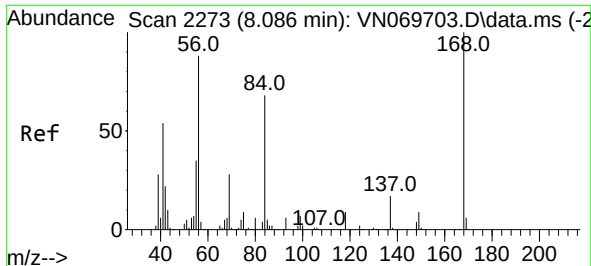
Manual Integrations
APPROVED

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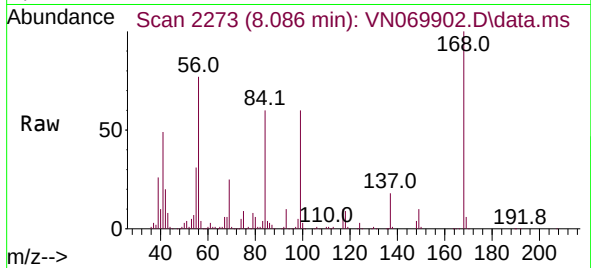
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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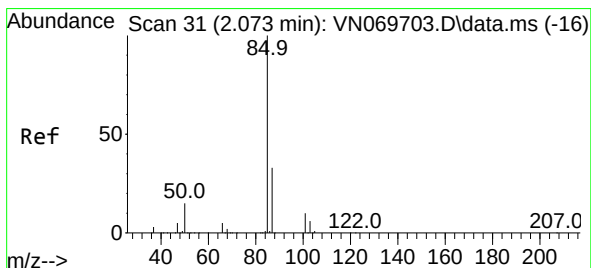
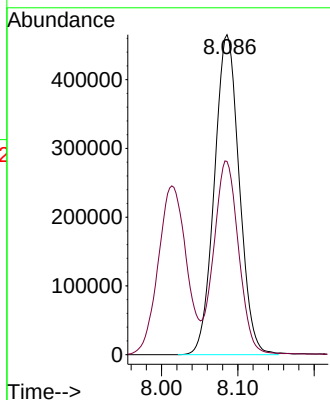
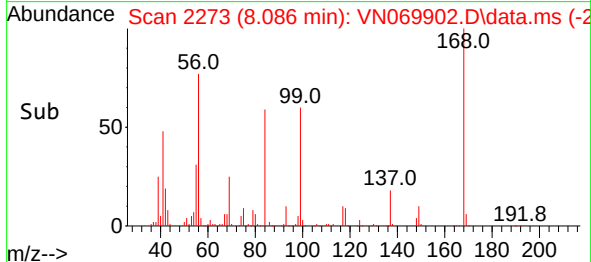
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 105518
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

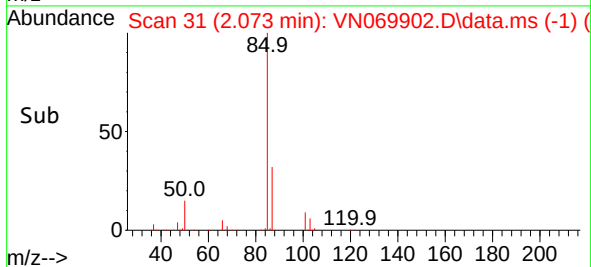
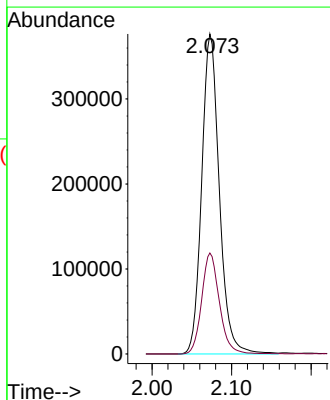
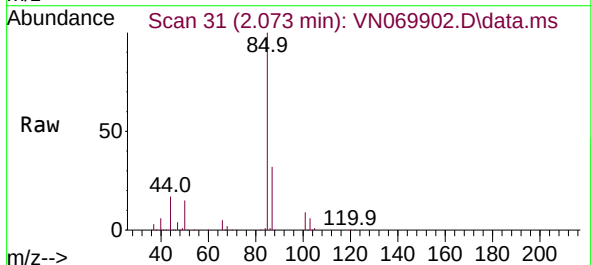
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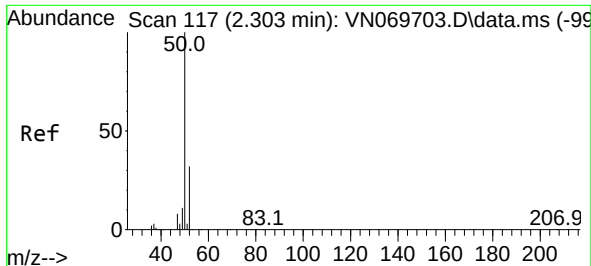
Reviewed By :John Carlone 12/10/2021
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#2
Dichlorodifluoromethane
Concen: 47.033 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

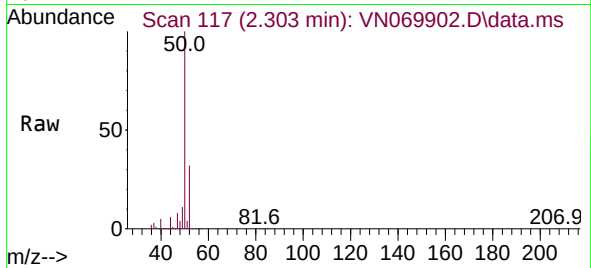
Tgt Ion: 85 Resp: 578837
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 45.303 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

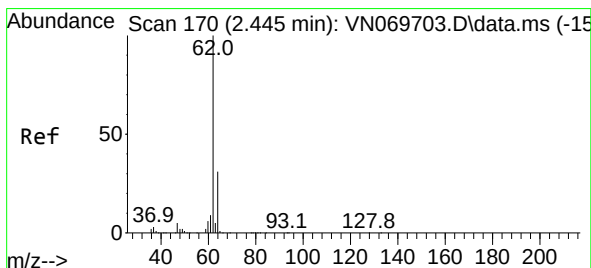
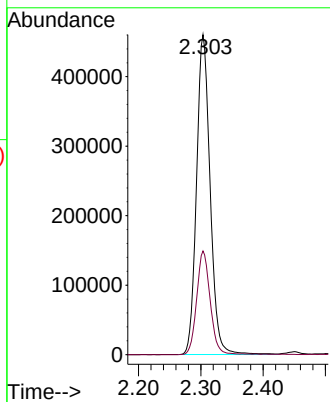
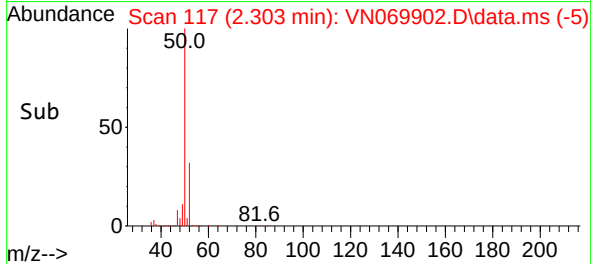
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Tgt Ion: 50 Resp: 69851
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

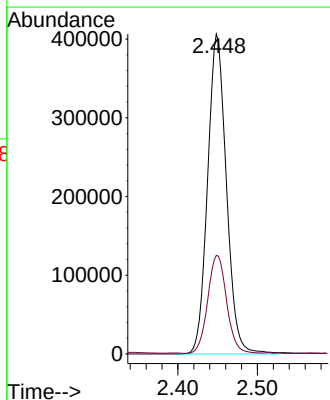
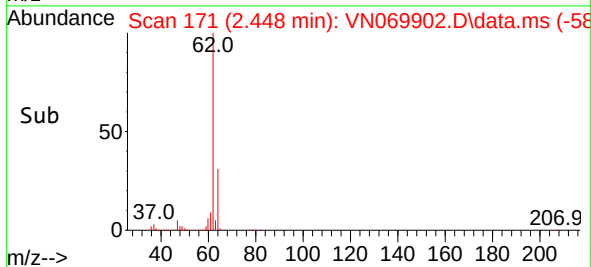
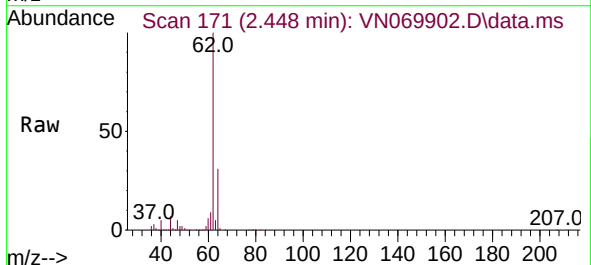
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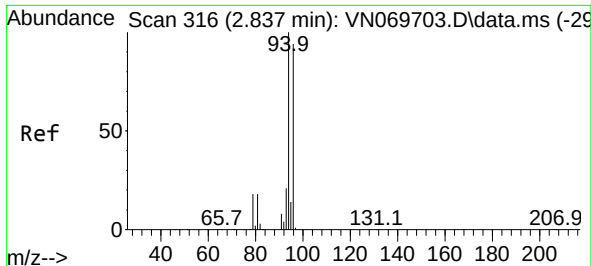
Reviewed By :John Carlone 12/10/2021
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#4
Vinyl Chloride
Concen: 47.046 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069902.D
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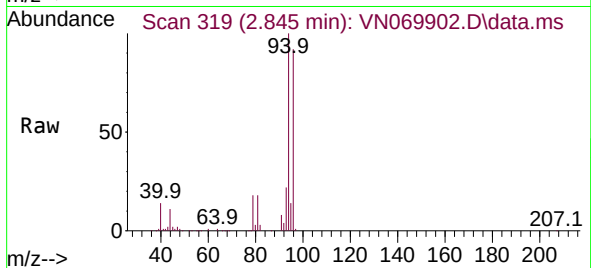
Tgt Ion: 62 Resp: 666991
Ion Ratio Lower Upper
62 100
64 30.5 25.8 38.6





#5
Bromomethane
Concen: 44.364 ug/l
RT: 2.845 min Scan# 316
Delta R.T. 0.008 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

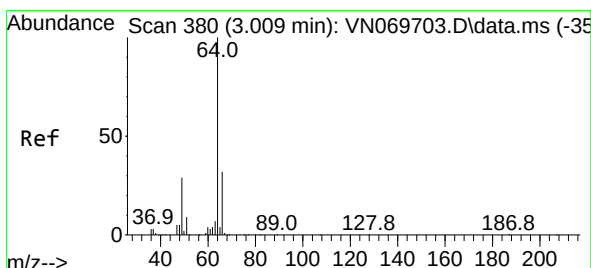
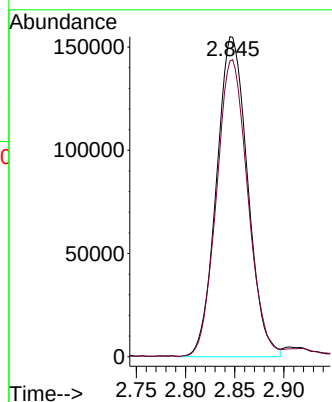
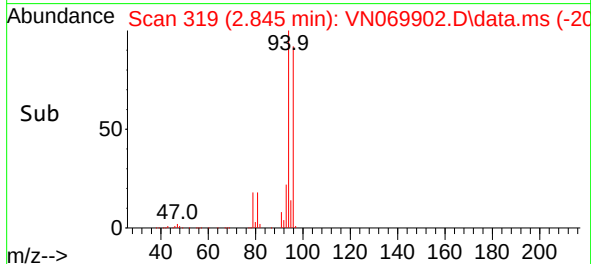
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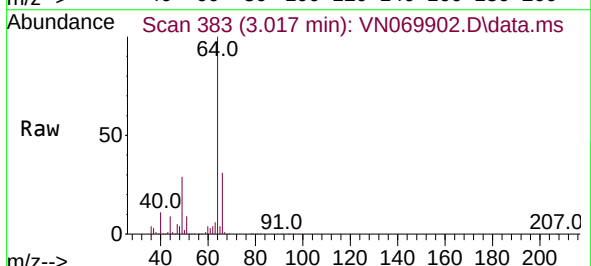
Tgt Ion: 94 Resp: 34170
Ion Ratio Lower Upper
94 100
96 92.3 73.8 110.8

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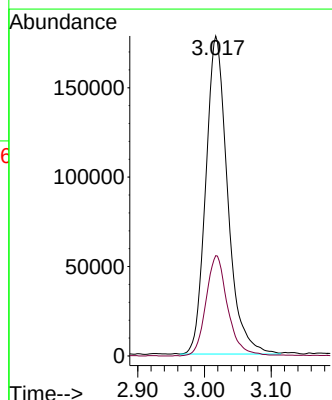
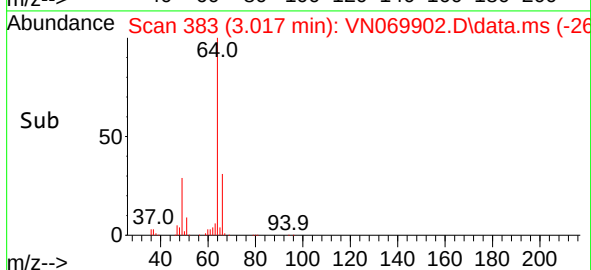
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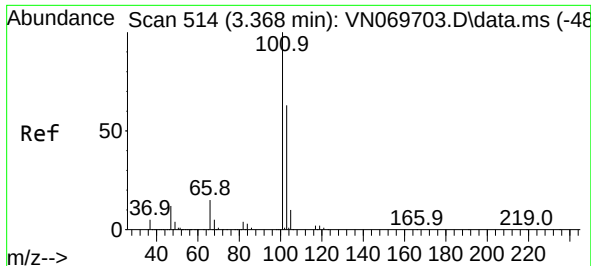


#6
Chloroethane
Concen: 46.531 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



Tgt Ion: 64 Resp: 404249
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





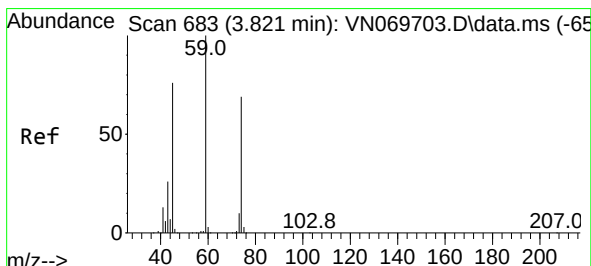
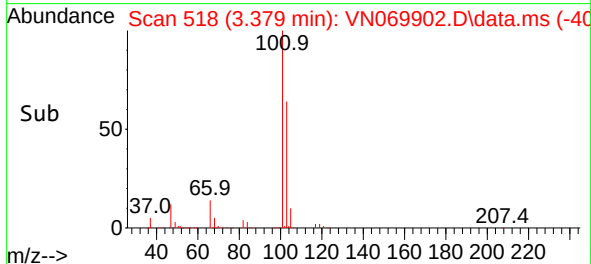
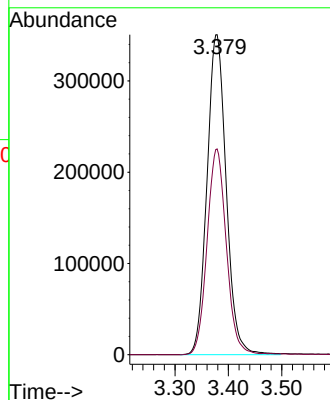
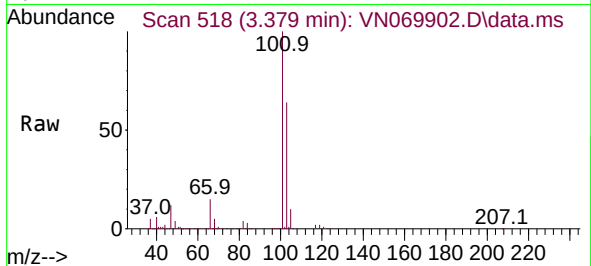
#7
Trichlorofluoromethane
Concen: 47.068 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 87580
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

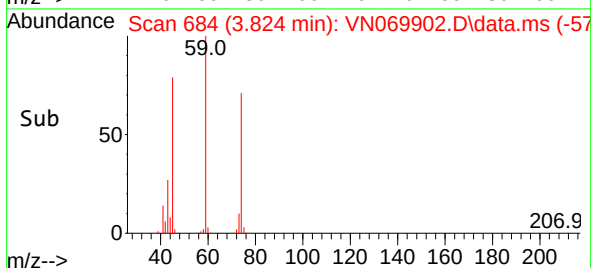
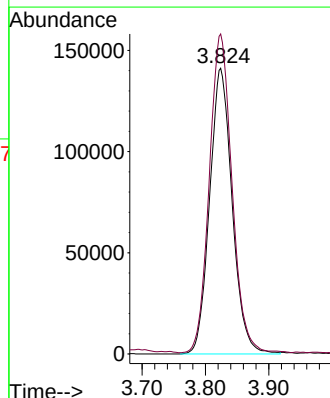
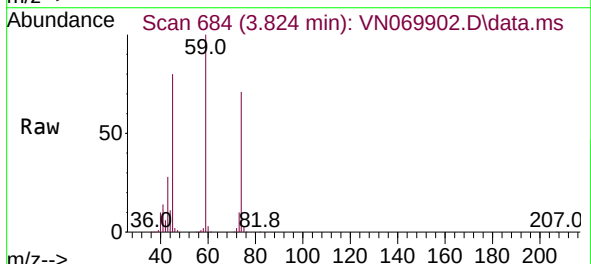
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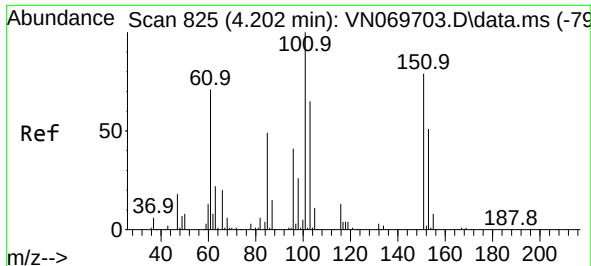
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#8
Diethyl Ether
Concen: 48.752 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 349380
Ion Ratio Lower Upper
74 100
45 111.8 47.0 141.2





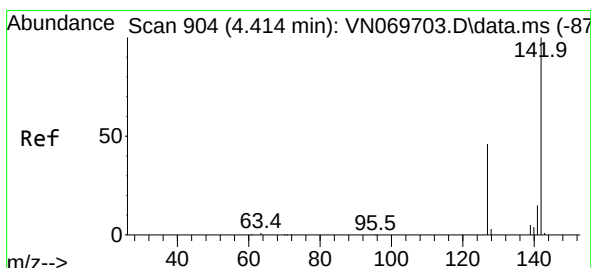
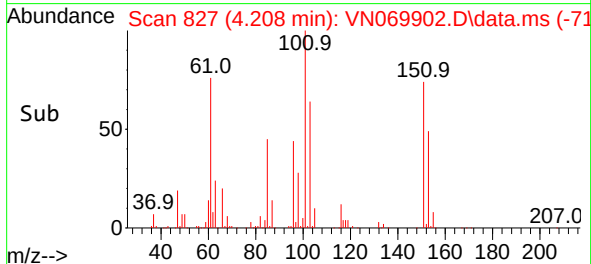
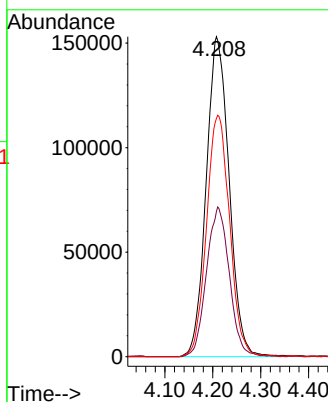
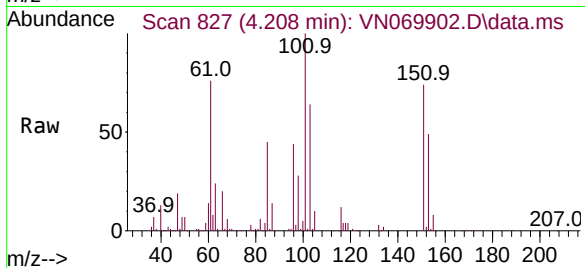
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.768 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 50866
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.2 65.9 98.9

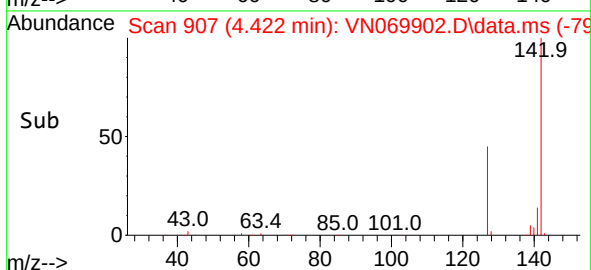
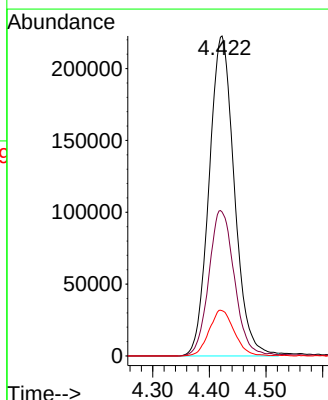
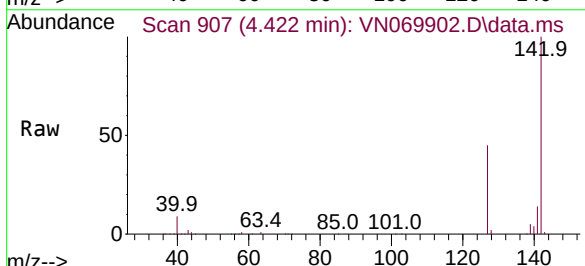
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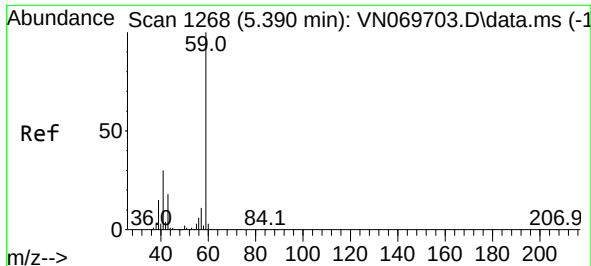
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 48.438 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

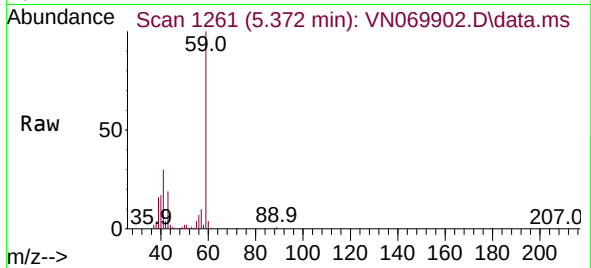
Tgt Ion:142 Resp: 690198
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 168.943 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.019 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

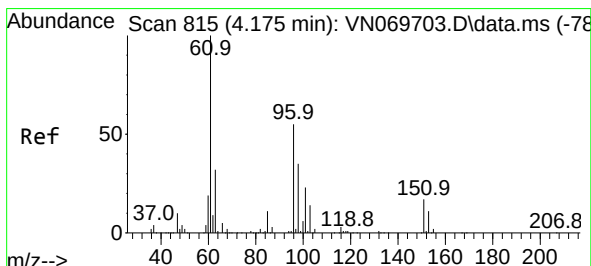
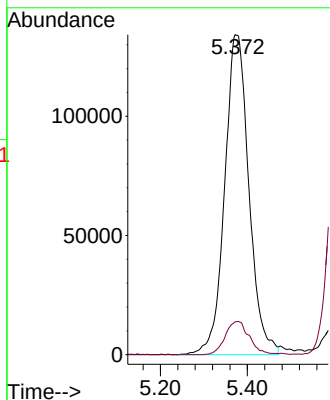
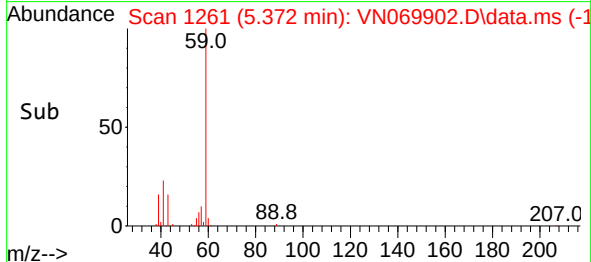
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



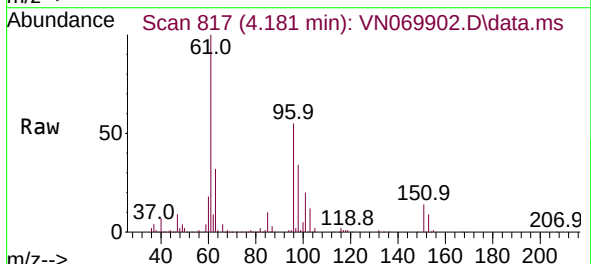
Tgt Ion: 59 Resp: 52027
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

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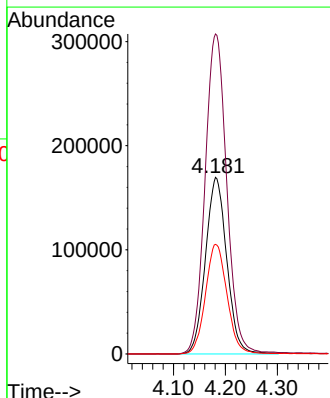
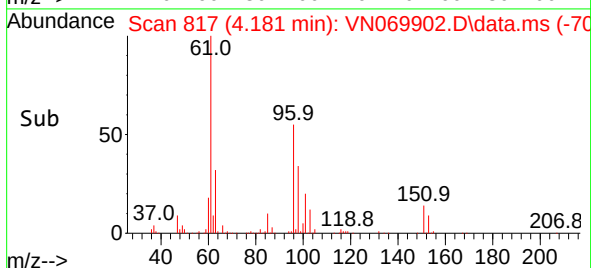
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

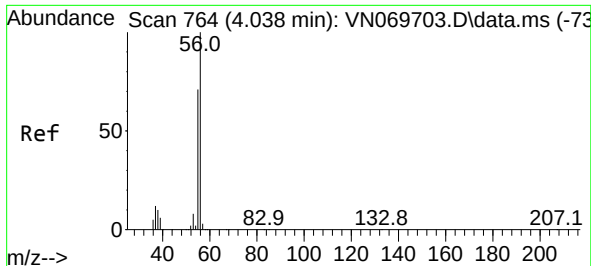


#12
1,1-Dichloroethene
Concen: 48.237 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



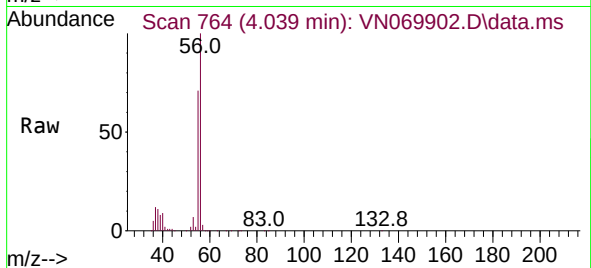
Tgt Ion: 96 Resp: 484832
Ion Ratio Lower Upper
96 100
61 181.2 131.0 196.6
98 62.1 52.4 78.6





#13
Acrolein
Concen: 264.208 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

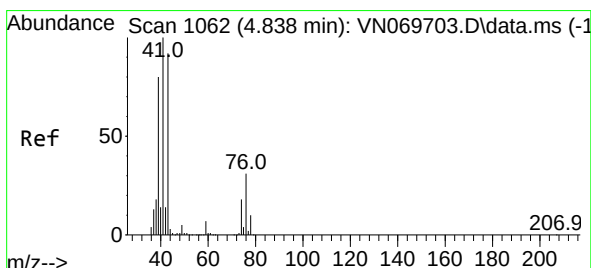
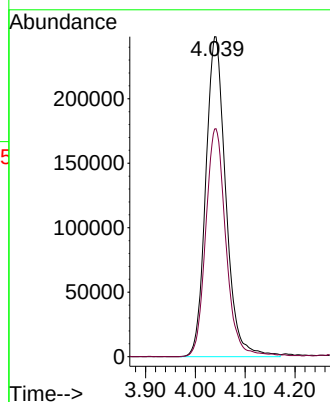
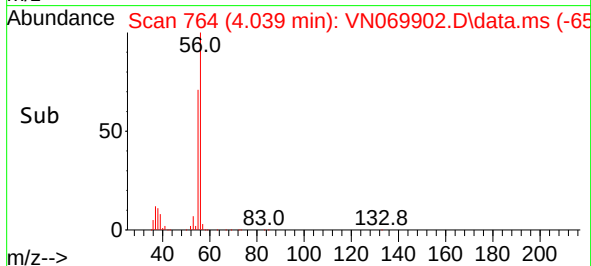
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



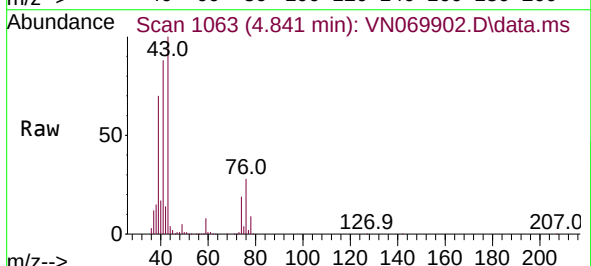
Tgt Ion: 56 Resp: 69289
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

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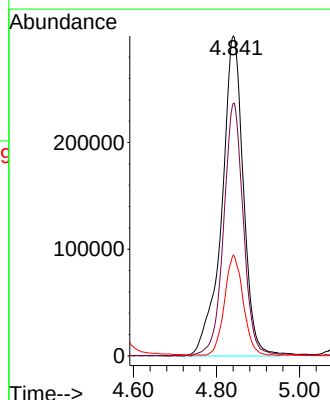
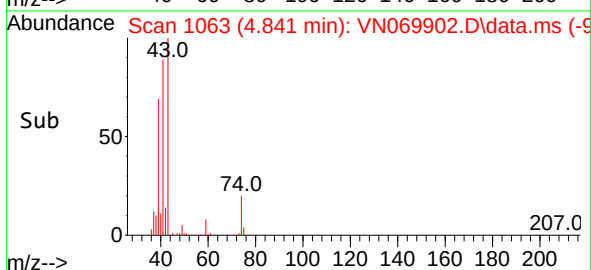
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

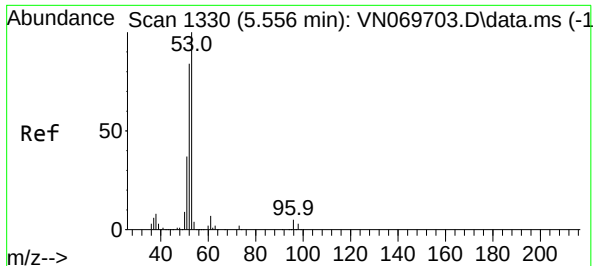


#14
Allyl chloride
Concen: 47.933 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



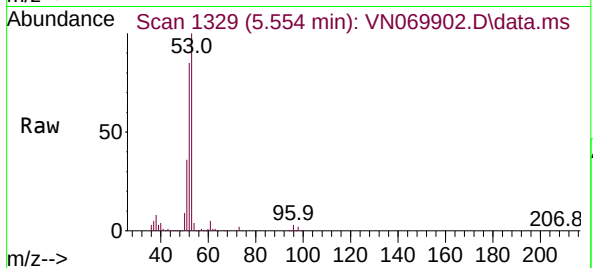
Tgt Ion: 41 Resp: 1085599
Ion Ratio Lower Upper
41 100
39 72.2 61.2 91.8
76 26.8 26.0 39.0





#15
Acrylonitrile
Concen: 223.680 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

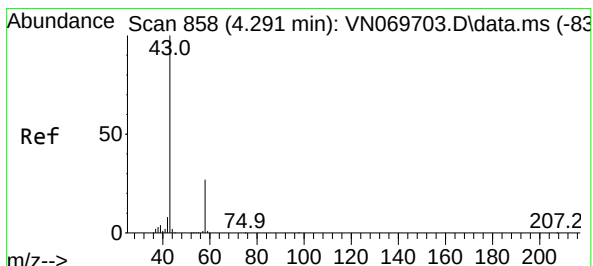
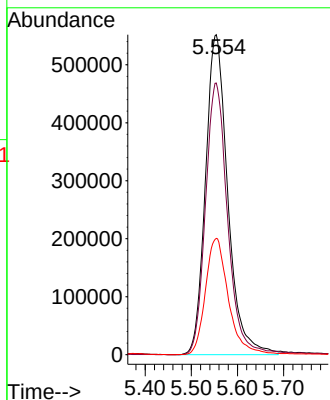
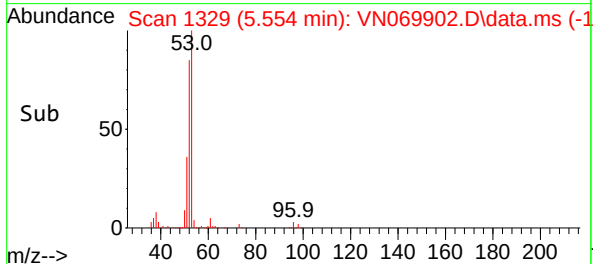
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



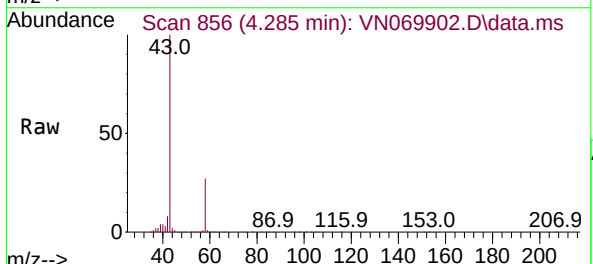
Tgt Ion: 53 Resp: 1856170
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.3 29.6 44.4

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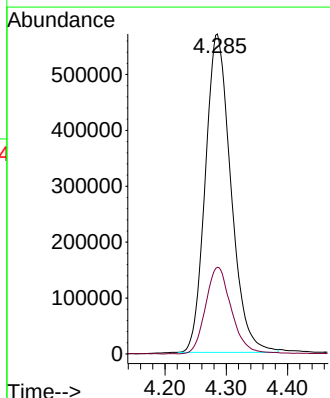
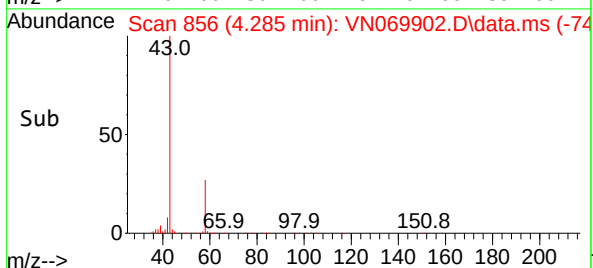
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

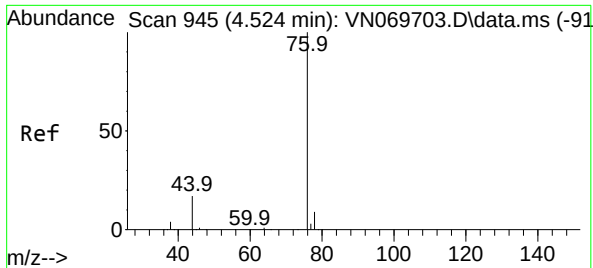


#16
Acetone
Concen: 168.509 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



Tgt Ion: 43 Resp: 1651452
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





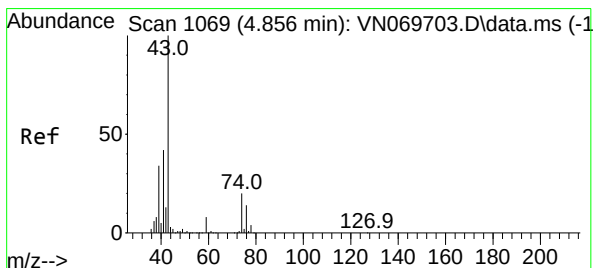
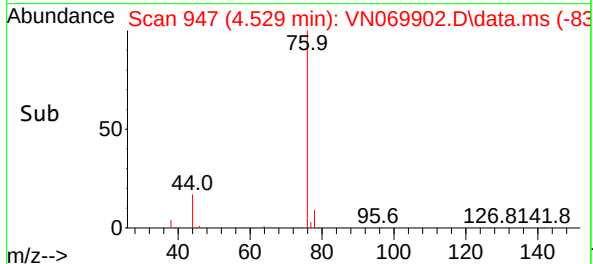
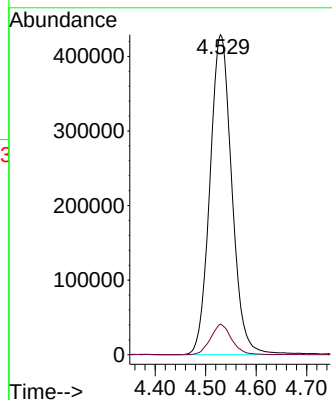
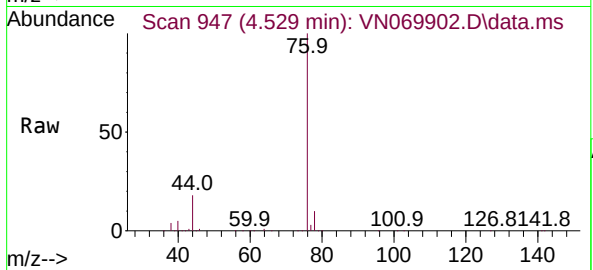
#17
Carbon Disulfide
Concen: 49.668 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 1289708
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

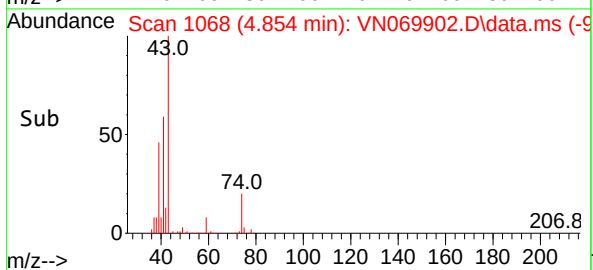
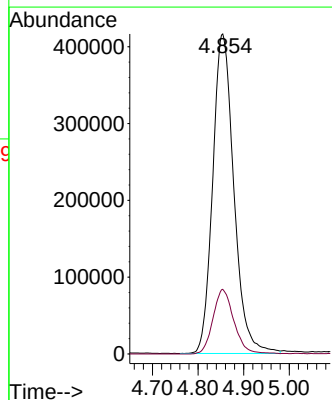
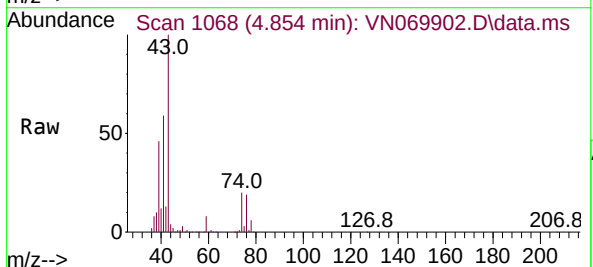
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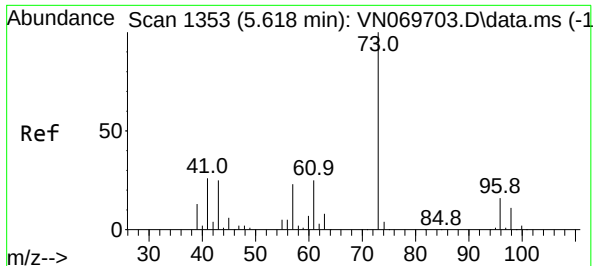
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 45.394 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion: 43 Resp: 1342838
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 48.637 ug/l

RT: 5.616 min Scan# 1153

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 190077

Ion Ratio Lower Upper

73 100

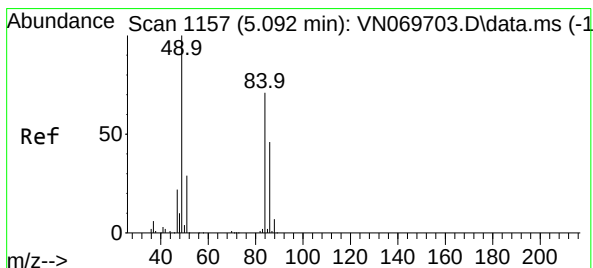
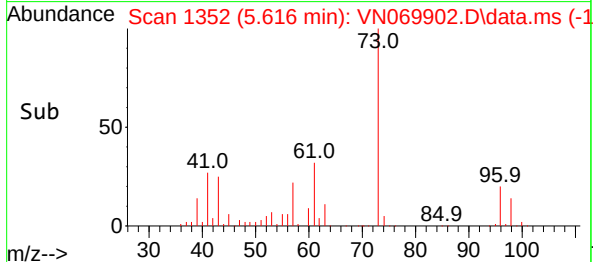
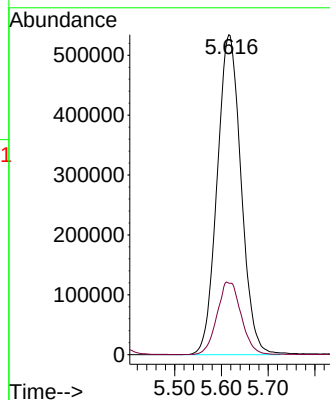
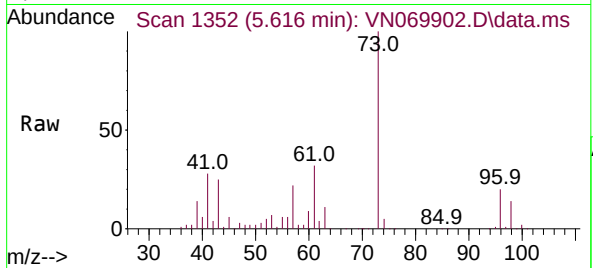
57 22.3 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#20

Methylene Chloride

Concen: 46.180 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Tgt Ion: 84 Resp: 601651

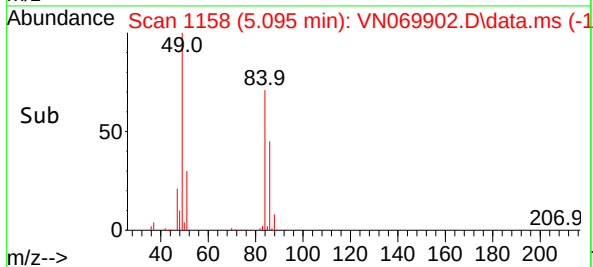
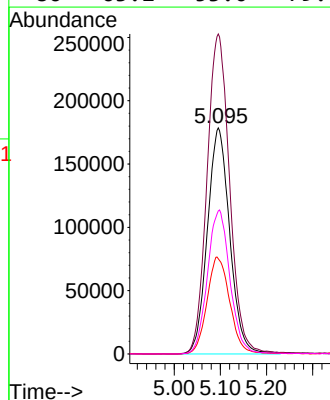
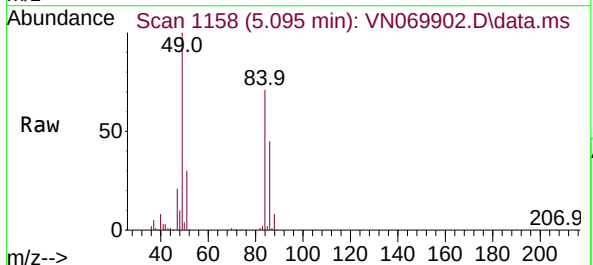
Ion Ratio Lower Upper

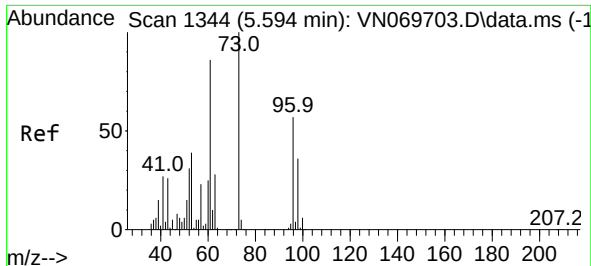
84 100

49 141.3 93.5 140.3#

51 42.1 29.4 44.2

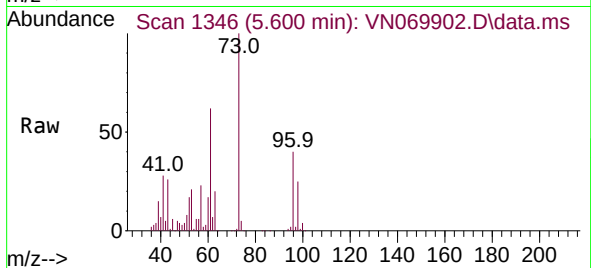
86 63.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.413 ug/l
RT: 5.600 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

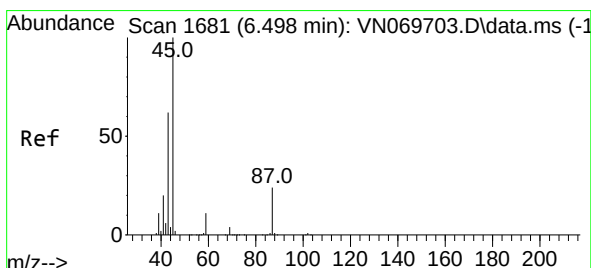
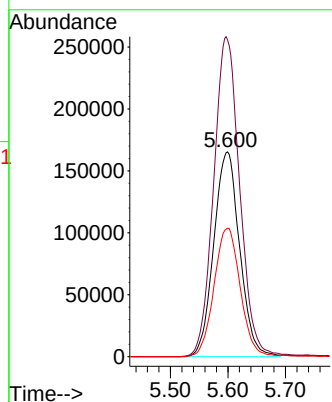
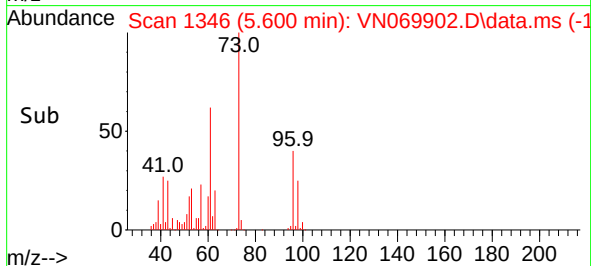
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 51760
Ion Ratio Lower Upper
96 100
61 154.5 105.8 158.6
98 62.8 52.0 78.0

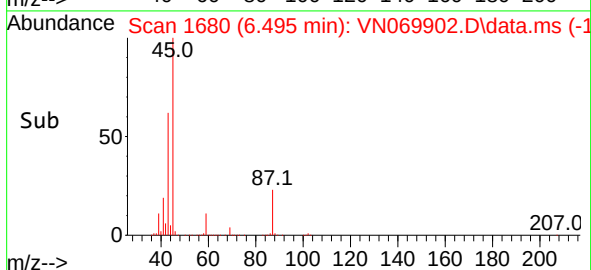
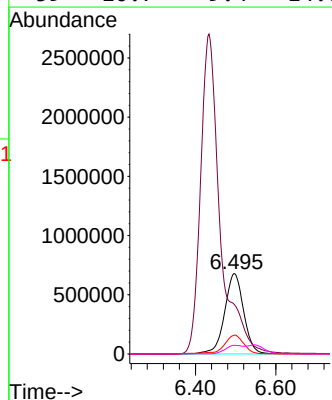
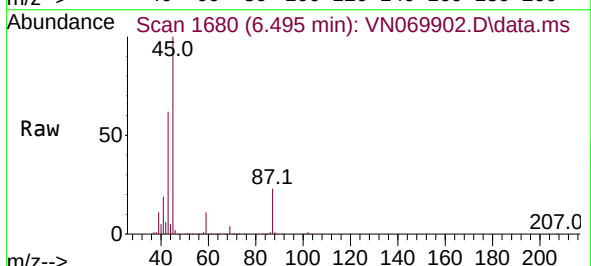
Manual Integrations
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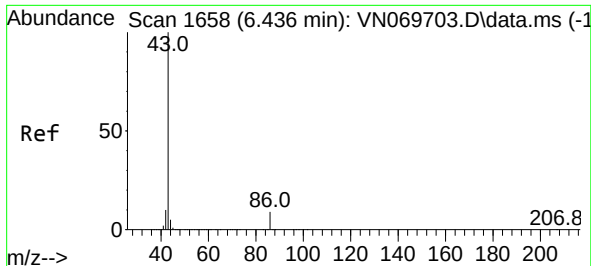
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 50.333 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

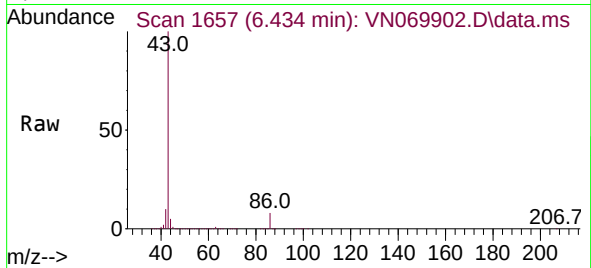
Tgt Ion: 45 Resp: 2228143
Ion Ratio Lower Upper
45 100
43 62.2 51.7 77.5
87 23.1 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 252.886 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN069902.D
 Acq: 9 Dec 2021 9:25

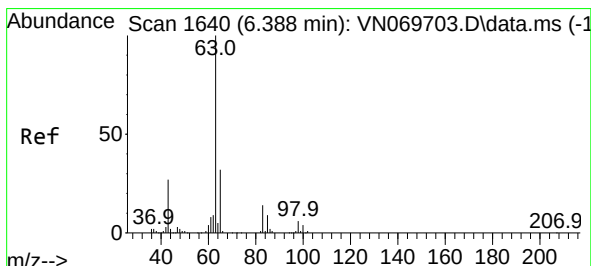
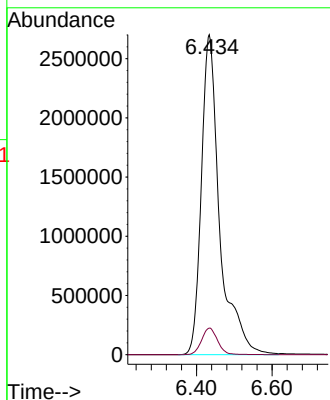
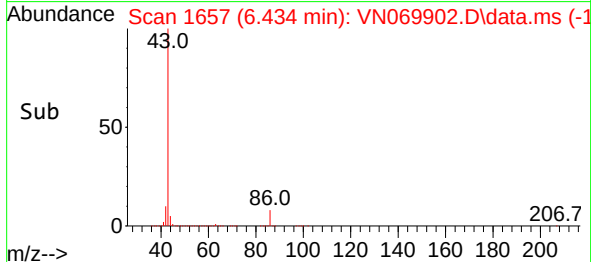
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



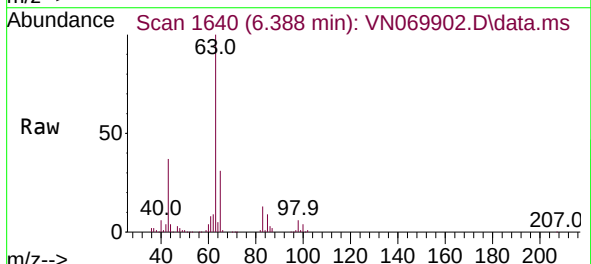
Tgt Ion: 43 Resp: 9107590
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

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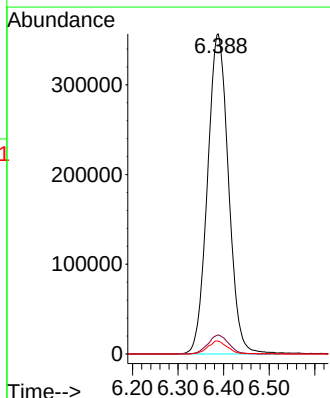
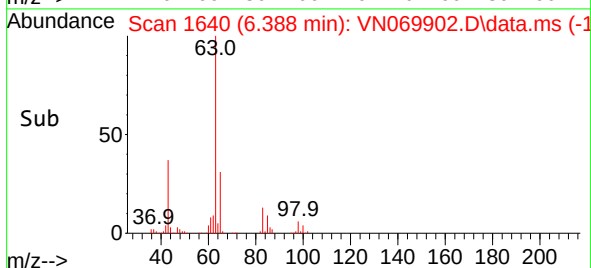
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

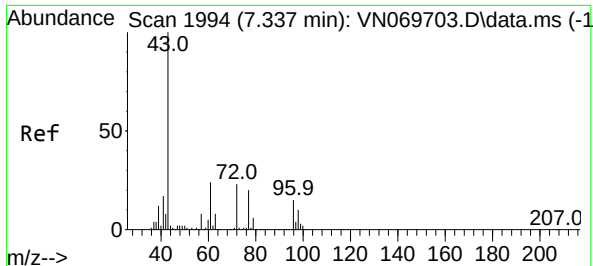


#24
 1,1-Dichloroethane
 Concen: 49.762 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069902.D
 Acq: 9 Dec 2021 9:25



Tgt Ion: 63 Resp: 1141103
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.0 2.1 6.5





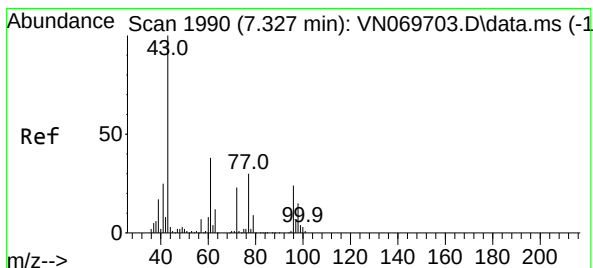
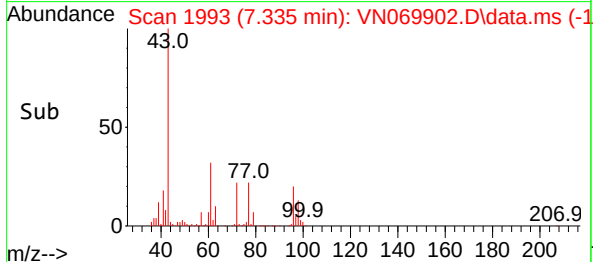
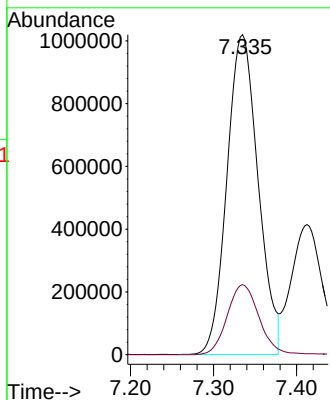
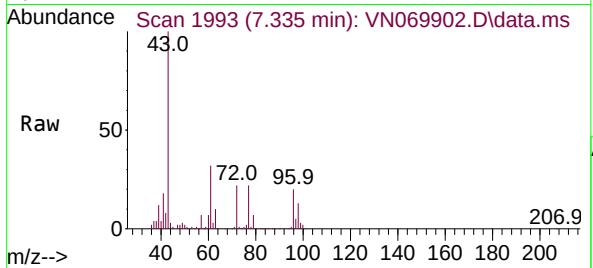
#25
2-Butanone
Concen: 199.700 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Tgt Ion: 43 Resp: 265918
Ion Ratio Lower Upper
43 100
72 21.9 21.7 32.5

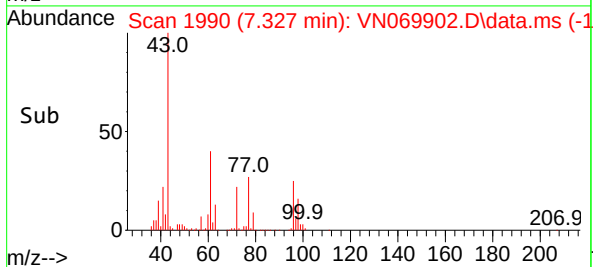
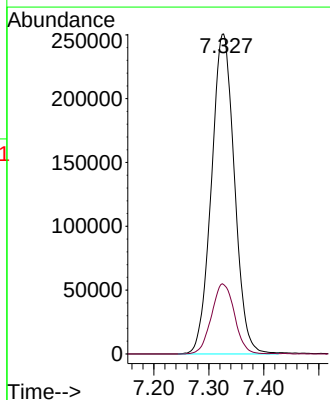
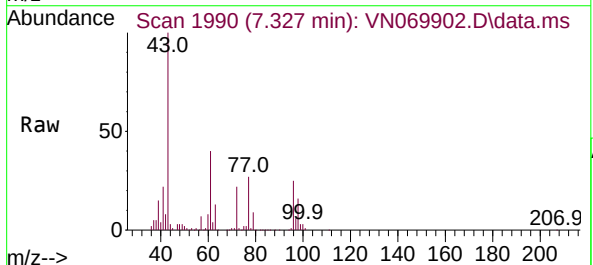
Manual Integrations
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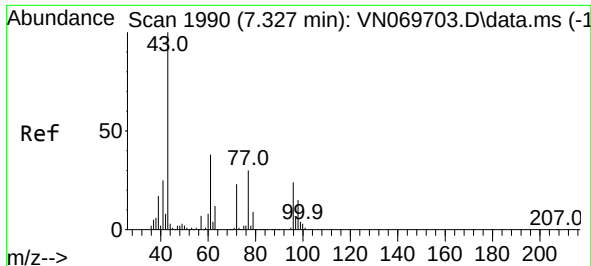
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#26
2,2-Dichloropropane
Concen: 40.900 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion: 77 Resp: 729220
Ion Ratio Lower Upper
77 100
97 21.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.778 ug/l

RT: 7.324 min Scan# 1990

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

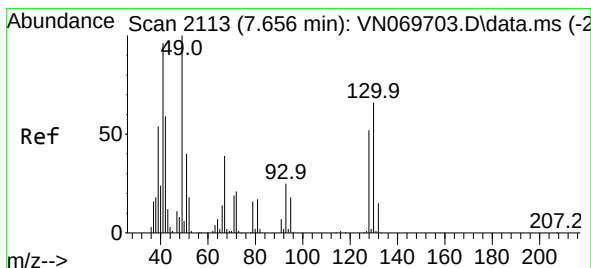
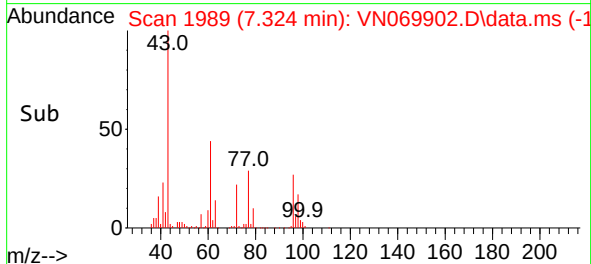
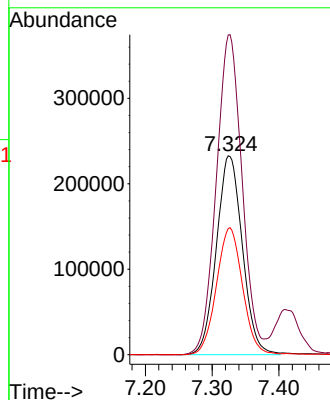
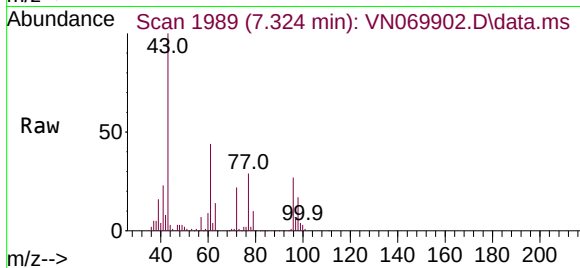
Tgt Ion:	96	Resp:	63018
Ion Ratio	Lower	Upper	
96	100		
61	159.5	0.0	275.0
98	63.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#28

Bromochloromethane

Concen: 53.035 ug/l

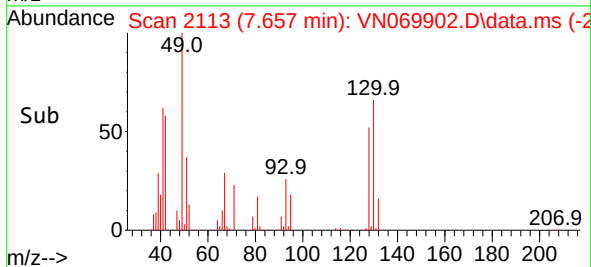
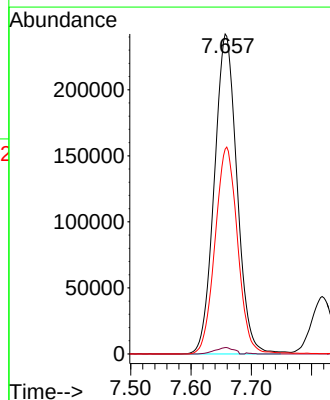
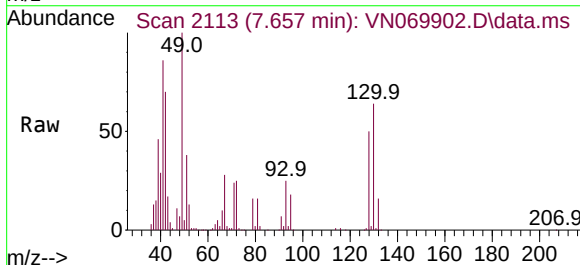
RT: 7.657 min Scan# 2113

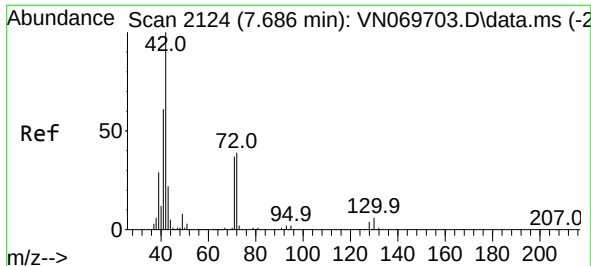
Delta R.T. 0.000 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Tgt Ion:	49	Resp:	632417
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	4.0
130	64.1	67.8	101.8





#29

Tetrahydrofuran

Concen: 217.042 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 175494

Ion Ratio Lower Upper

42 100

72 37.1 36.3 54.5

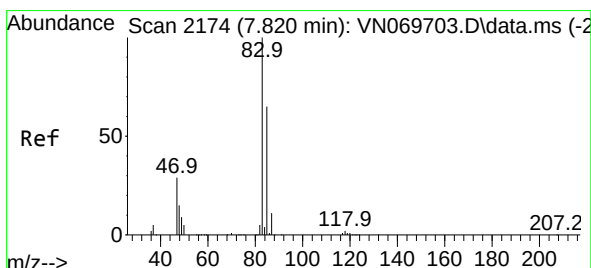
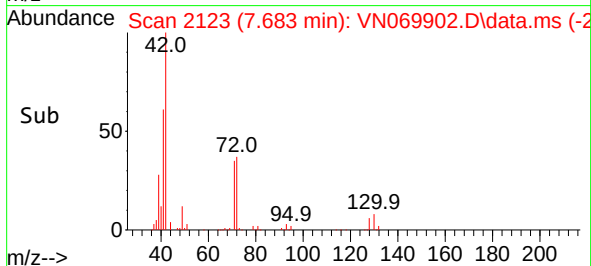
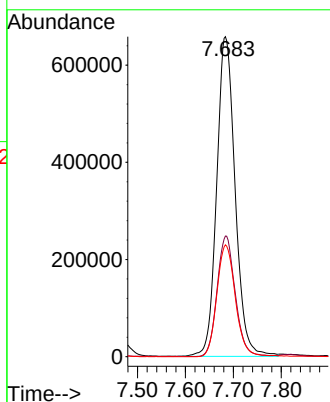
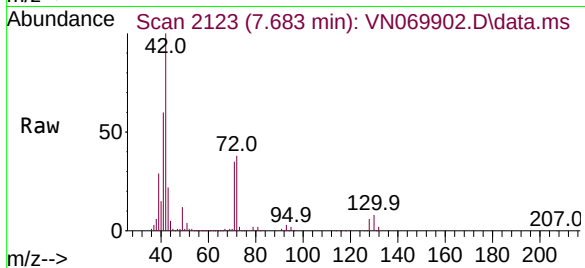
71 35.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 48.901 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069902.D

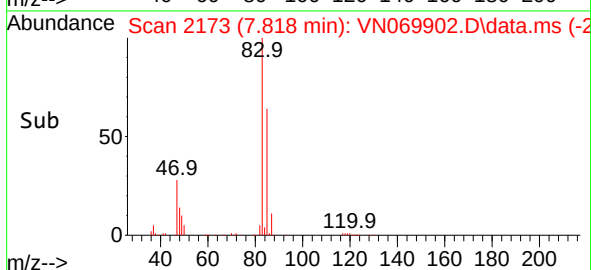
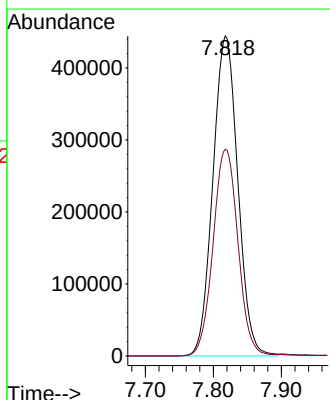
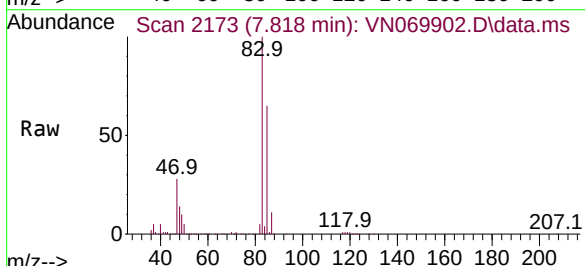
Acq: 9 Dec 2021 9:25

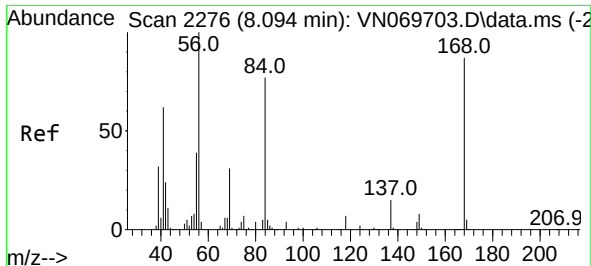
Tgt Ion: 83 Resp: 1132515

Ion Ratio Lower Upper

83 100

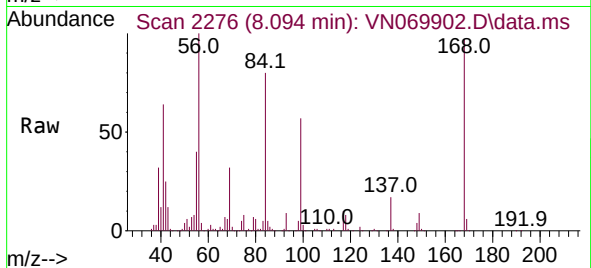
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 46.032 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

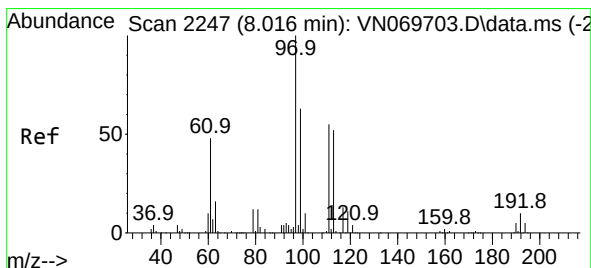
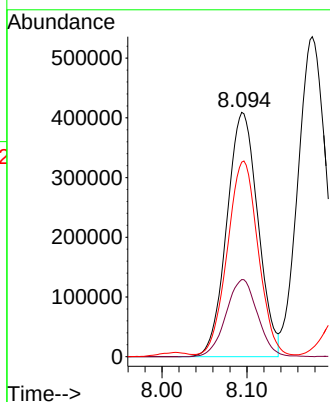
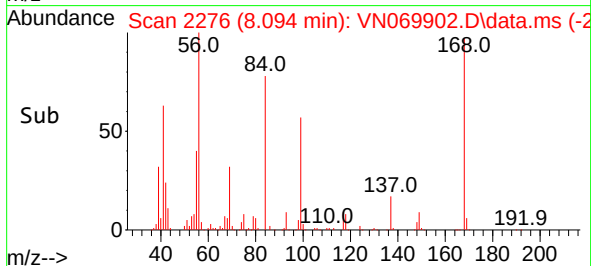
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



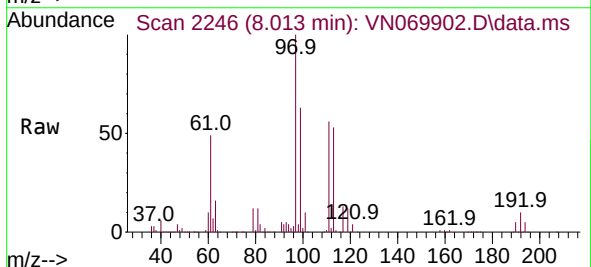
Tgt Ion: 56 Resp: 1043674
Ion Ratio Lower Upper
56 100
69 31.6 27.1 40.7
84 77.9 73.4 110.0

Manual Integrations
APPROVED

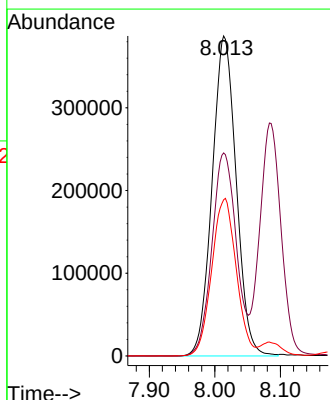
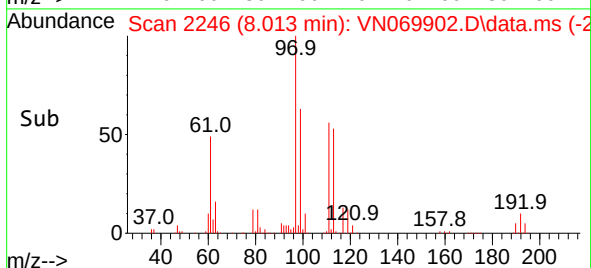
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

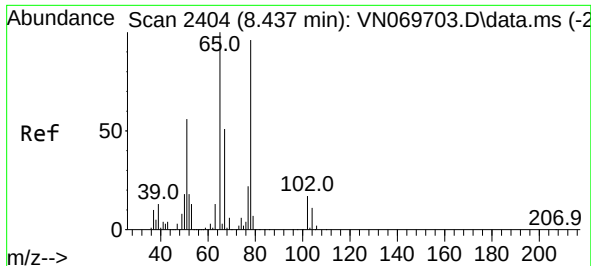


#32
1,1,1-Trichloroethane
Concen: 49.912 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



Tgt Ion: 97 Resp: 984620
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 50.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.774 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 810920

Ion Ratio Lower Upper

65 100

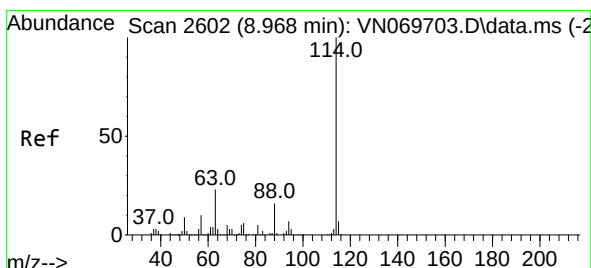
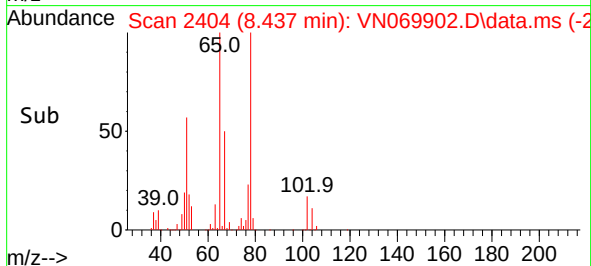
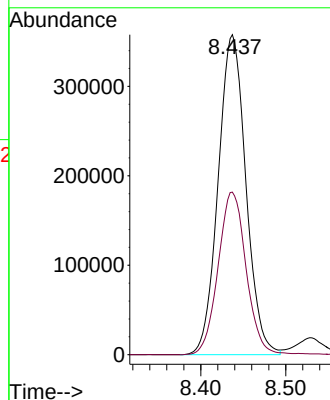
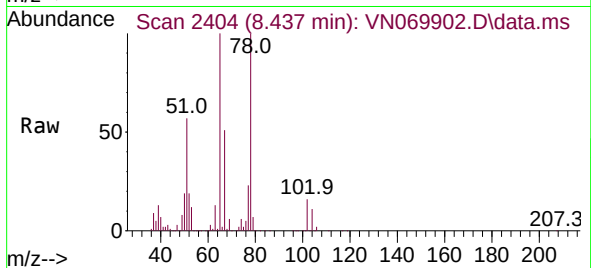
67 51.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

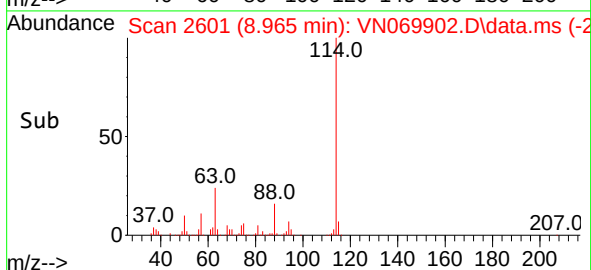
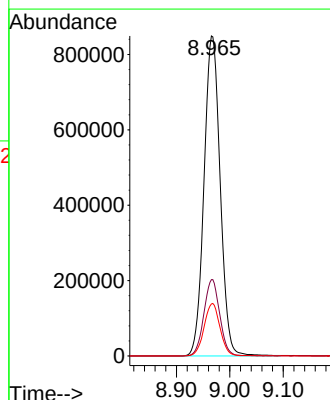
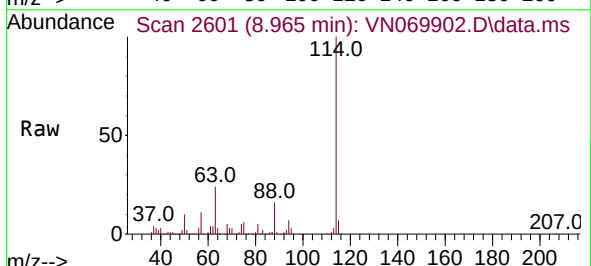
Tgt Ion:114 Resp: 1784088

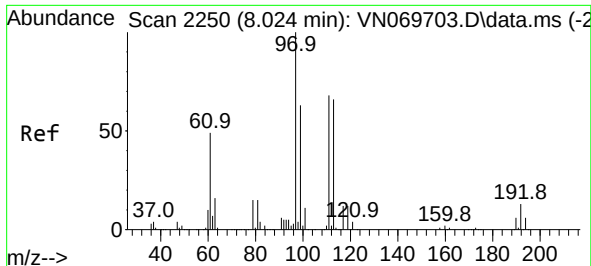
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

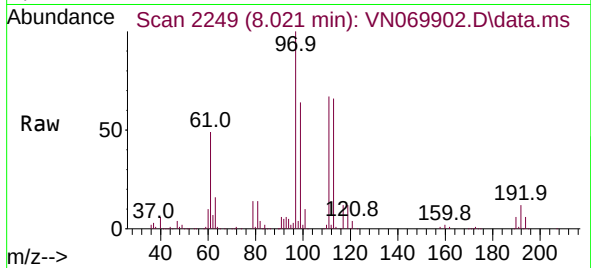
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.463 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

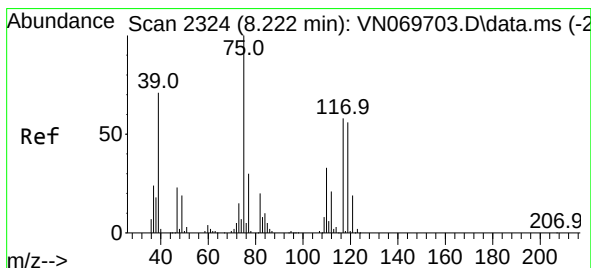
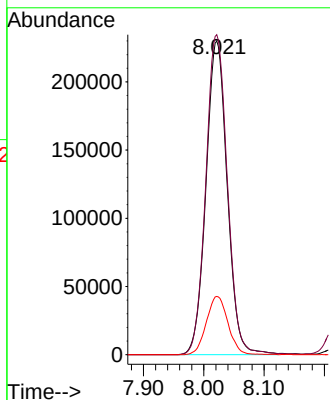
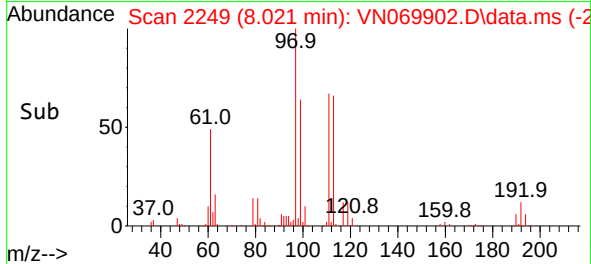
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 56393
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.9 16.9 25.3

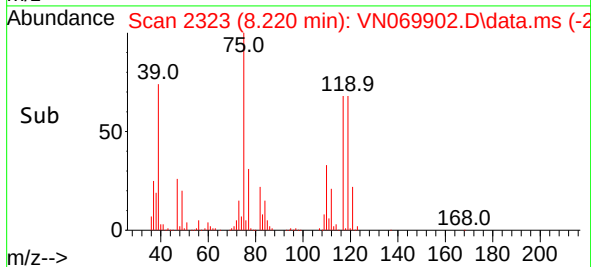
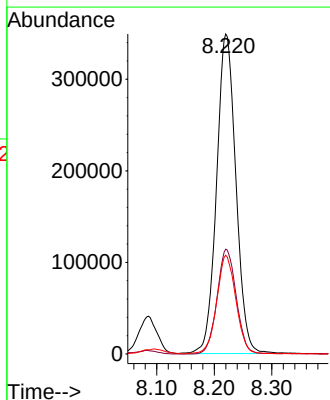
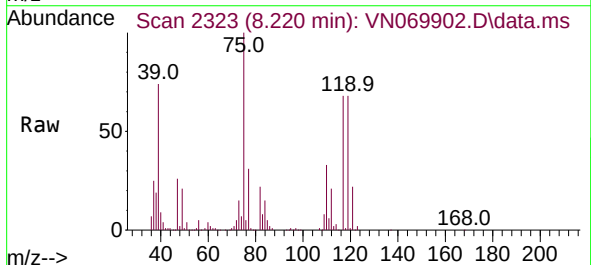
Manual Integrations
APPROVED

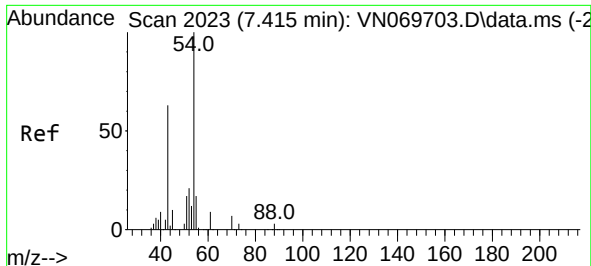
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 48.016 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion: 75 Resp: 815498
Ion Ratio Lower Upper
75 100
110 32.4 18.4 55.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 43.814 ug/l

RT: 7.413 min Scan# 20

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 110756

Ion Ratio Lower Upper

43 100

61 11.6 11.5 17.3

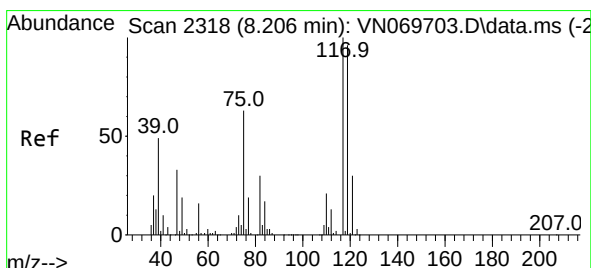
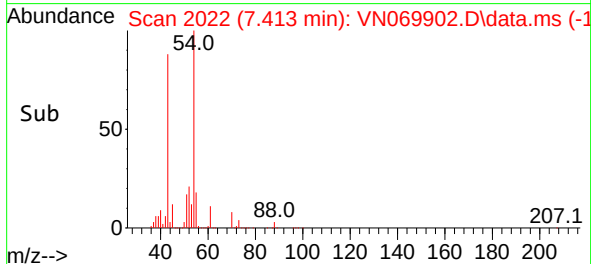
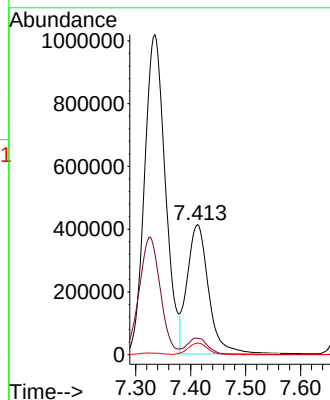
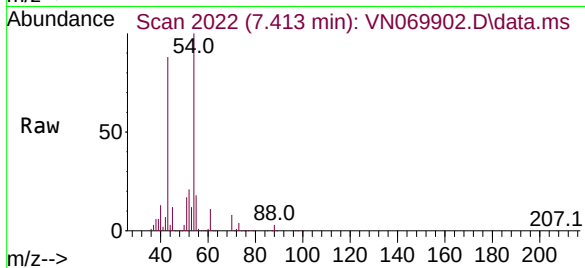
70 8.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#38

Carbon Tetrachloride

Concen: 50.900 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

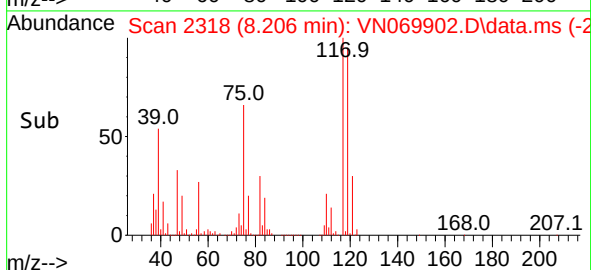
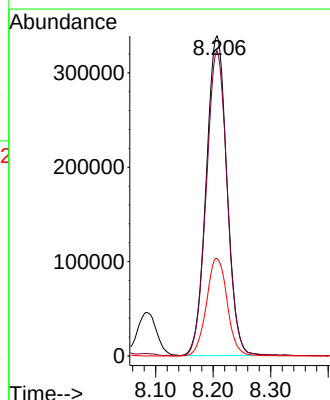
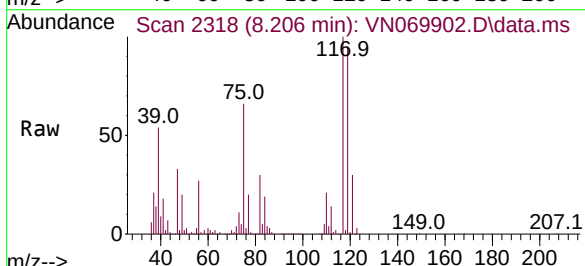
Tgt Ion:117 Resp: 847731

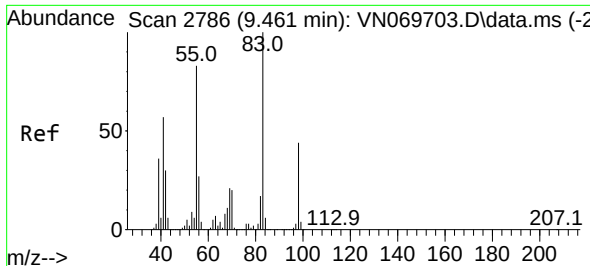
Ion Ratio Lower Upper

117 100

119 95.4 76.1 114.1

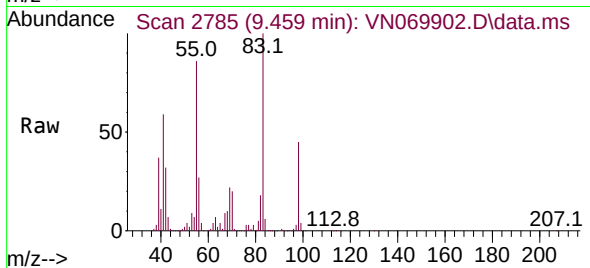
121 30.5 24.2 36.2





#39
Methylcyclohexane
Concen: 47.321 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

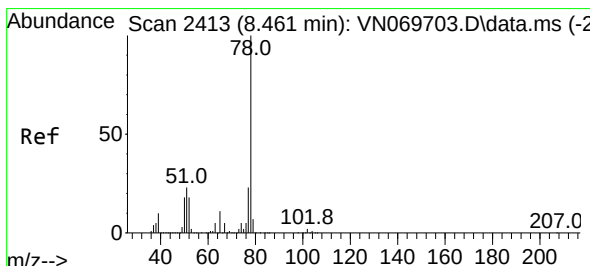
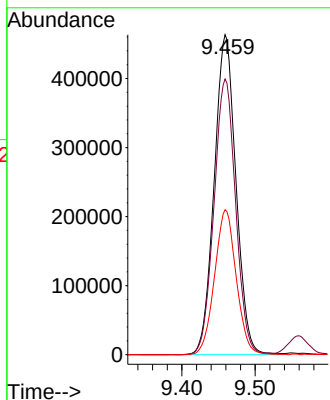
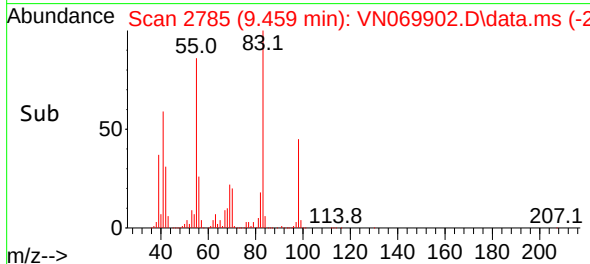
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 955978
Ion Ratio Lower Upper
83 100
55 86.2 58.1 87.1
98 45.3 38.4 57.6

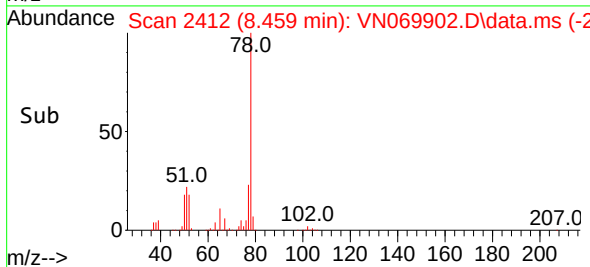
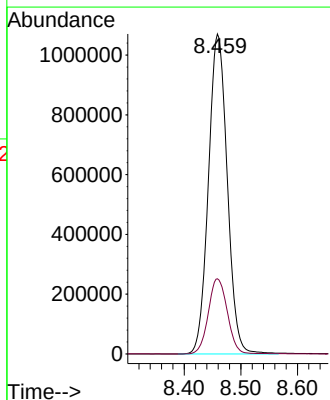
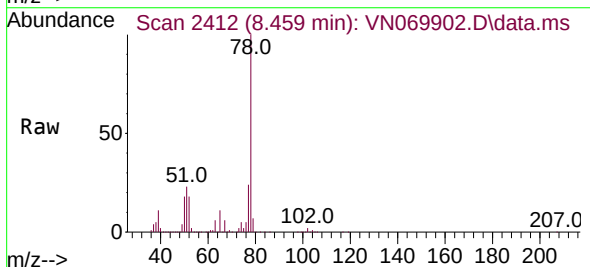
Manual Integrations
APPROVED

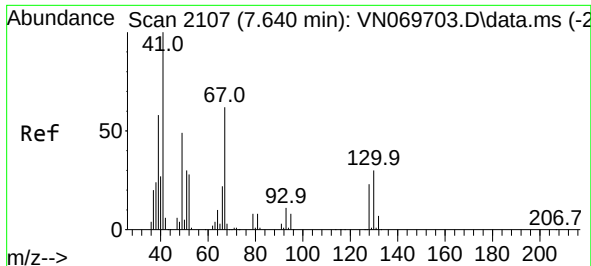
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#40
Benzene
Concen: 47.640 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

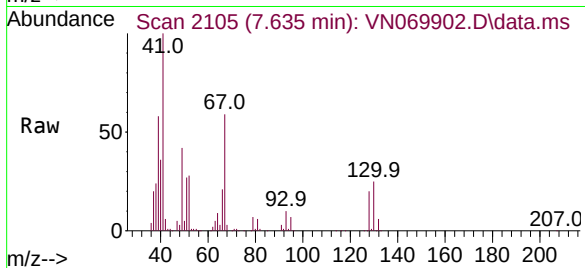
Tgt Ion: 78 Resp: 2473157
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 48.415 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

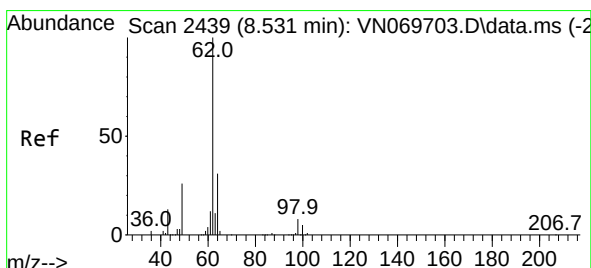
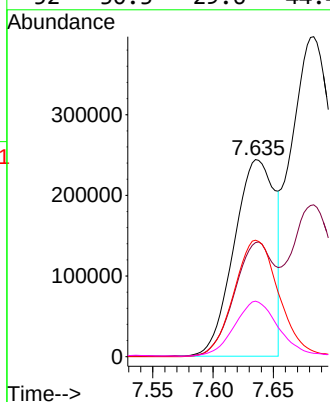
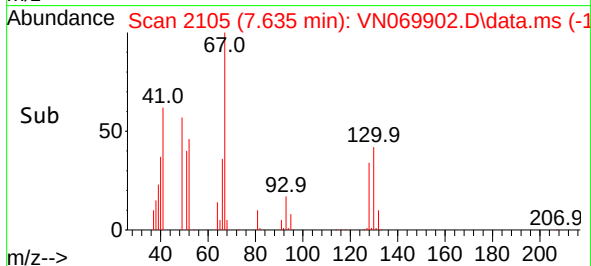
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 574515
Ion Ratio Lower Upper
41 100
39 56.2 48.1 72.1
67 66.0 68.3 102.5
52 30.3 29.6 44.4

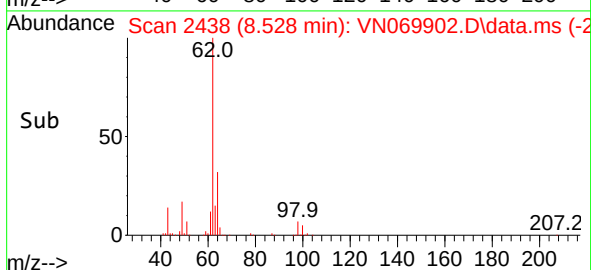
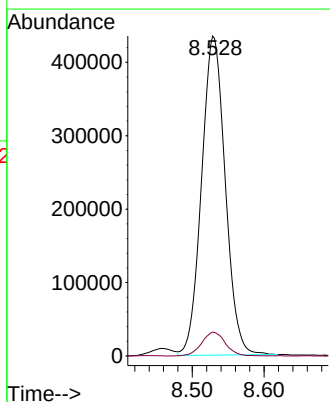
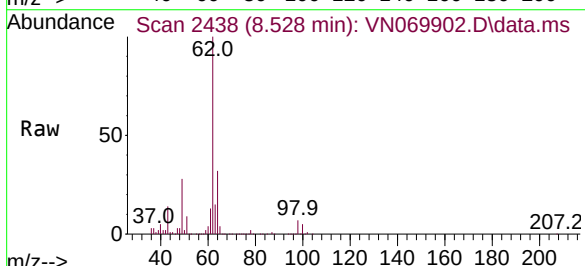
Manual Integrations
APPROVED

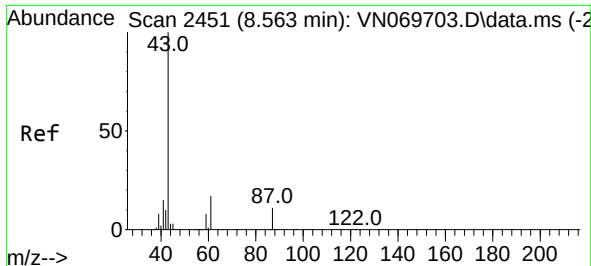
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 47.557 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

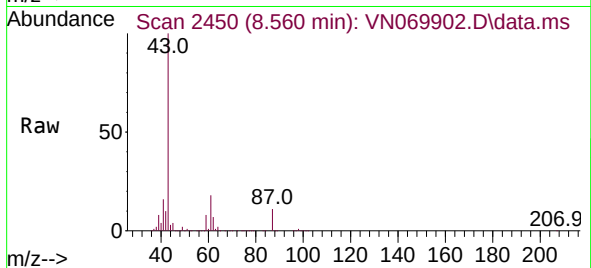
Tgt Ion: 62 Resp: 996615
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 47.921 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

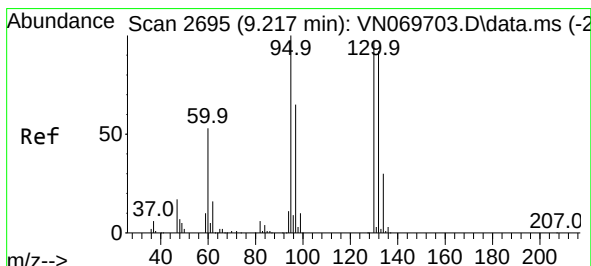
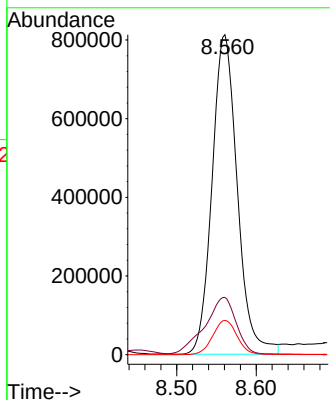
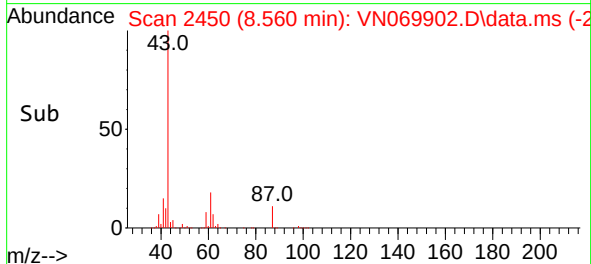
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1792649
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 10.4 11.2 16.8

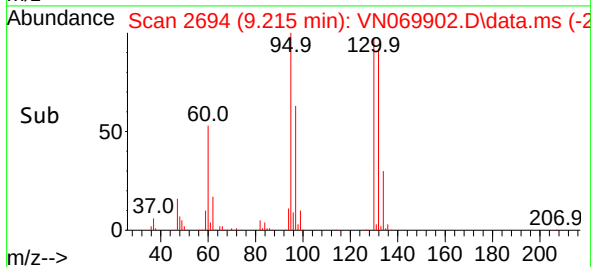
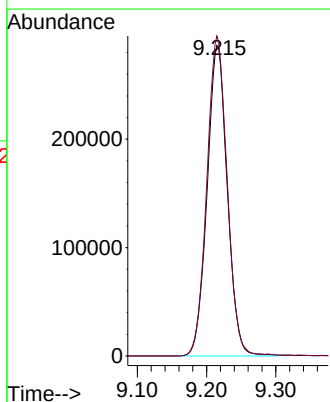
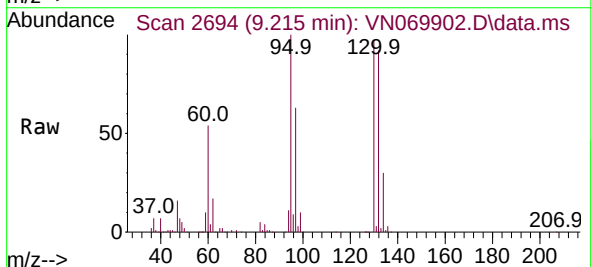
Manual Integrations
APPROVED

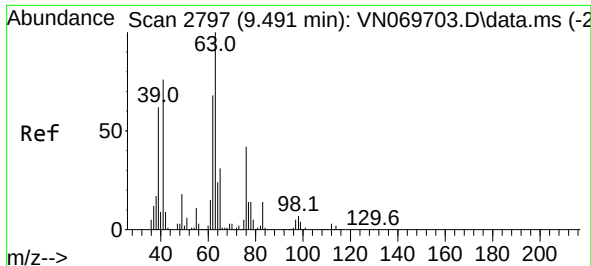
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 46.795 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion:130 Resp: 579821
Ion Ratio Lower Upper
130 100
95 103.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 49.487 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 689879

Ion Ratio Lower Upper

63 100

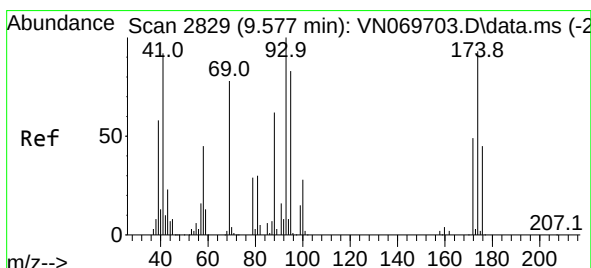
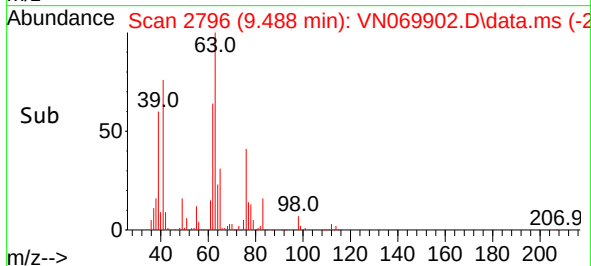
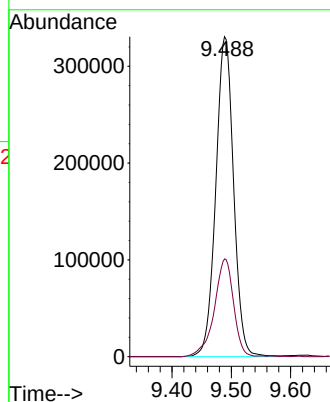
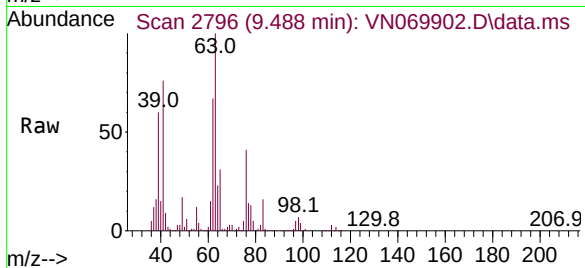
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 47.863 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

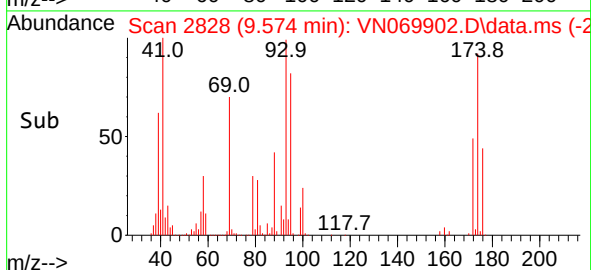
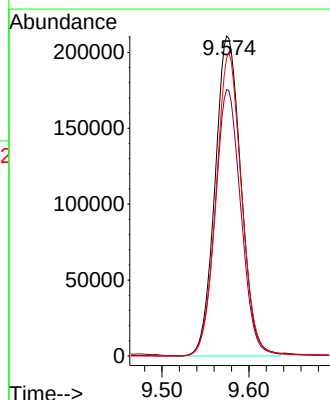
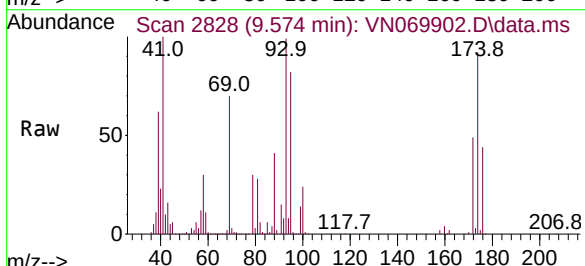
Tgt Ion: 93 Resp: 437594

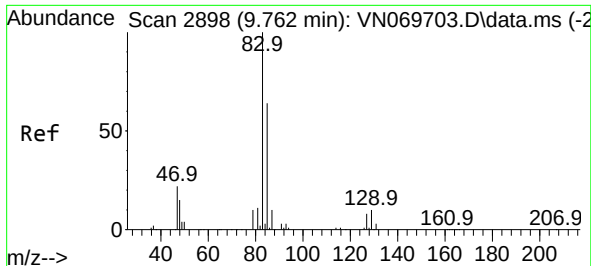
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

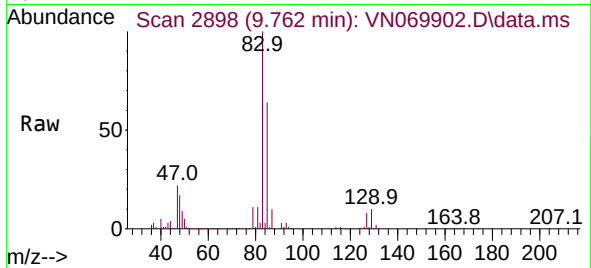
174 92.9 84.6 127.0





#47
Bromodichloromethane
Concen: 52.323 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

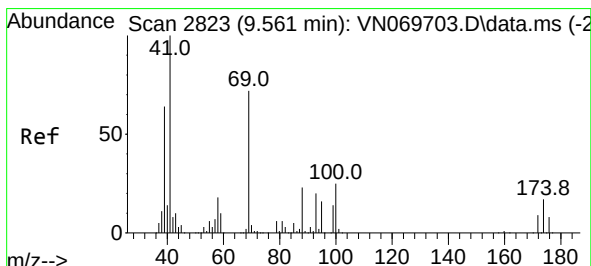
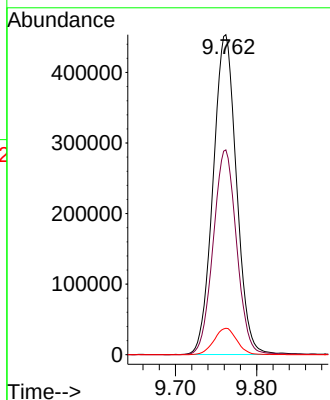
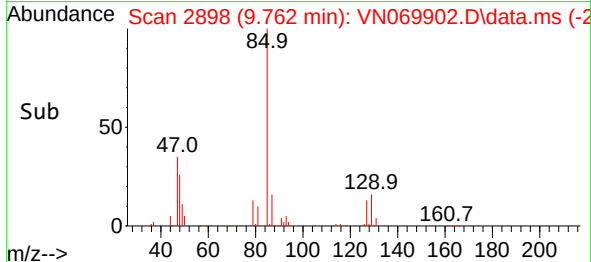
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 905729
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.3 7.1 10.7

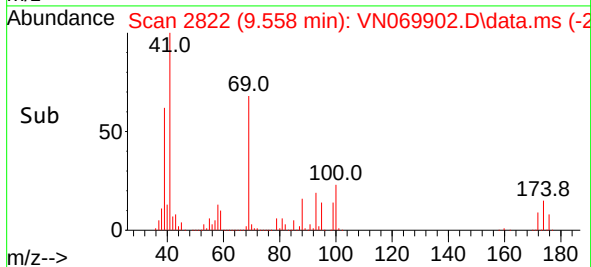
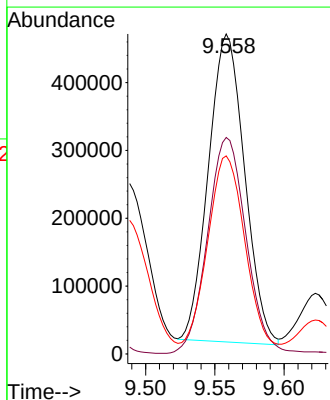
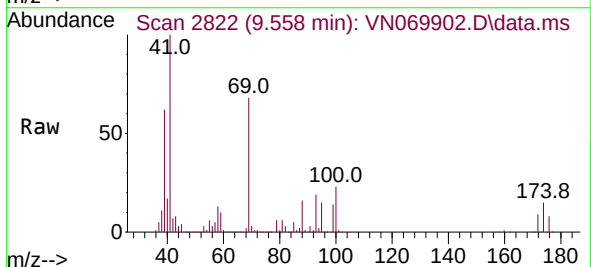
Manual Integrations
APPROVED

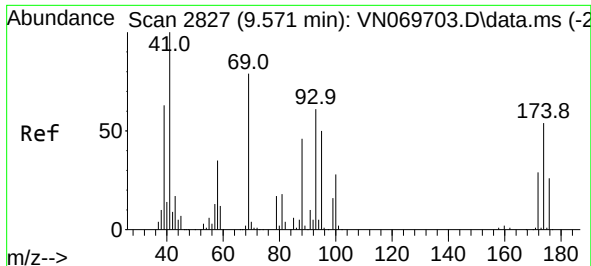
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 47.225 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion: 41 Resp: 824436
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 62.0 58.4 87.6





#49

1,4-Dioxane

Concen: 684.853 ug/l

RT: 9.569 min Scan# 21452

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 21452

Ion Ratio Lower Upper

88 100

43 38.4 23.4 35.2

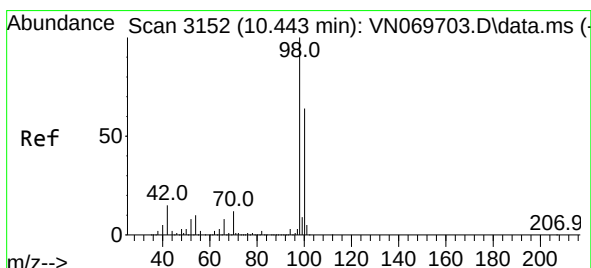
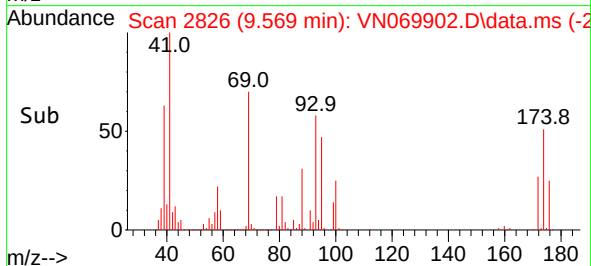
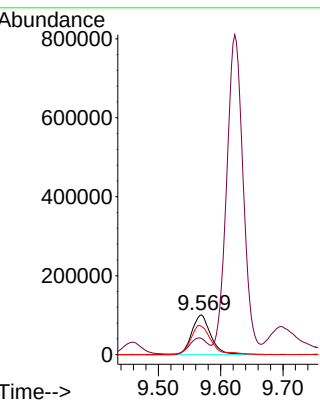
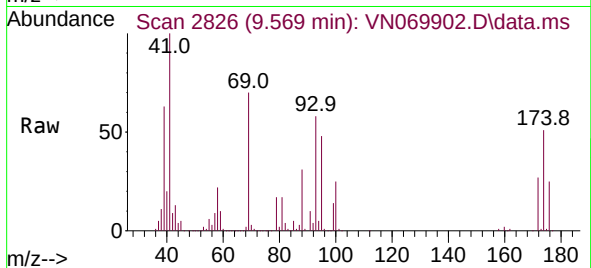
58 79.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 49.236 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069902.D

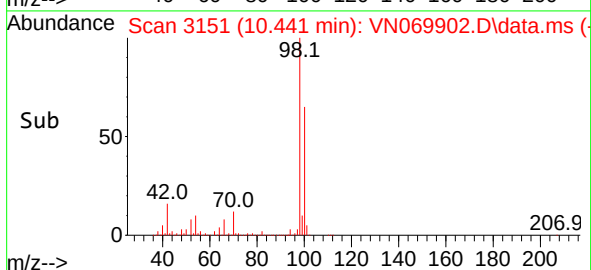
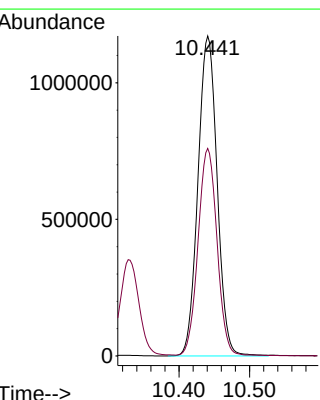
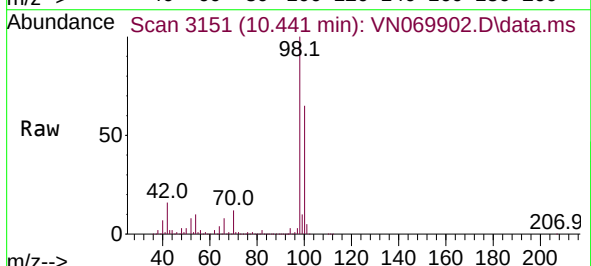
Acq: 9 Dec 2021 9:25

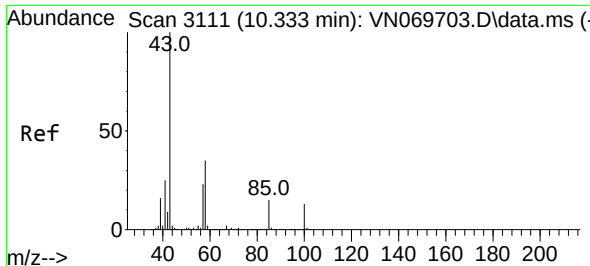
Tgt Ion: 98 Resp: 2209324

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6





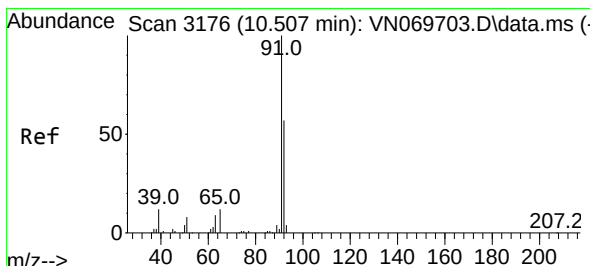
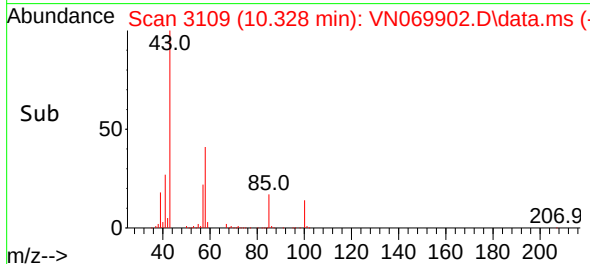
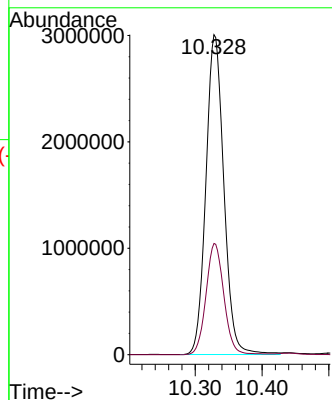
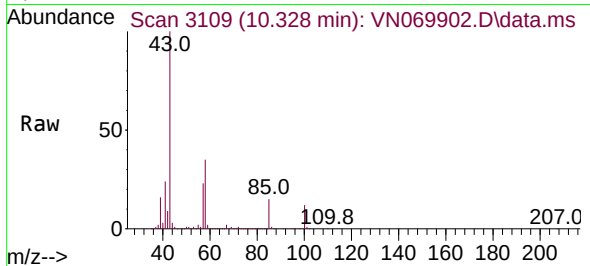
#51
4-Methyl-2-Pentanone
Concen: 231.690 ug/l
RT: 10.328 min Scan# 3111
Delta R.T. -0.005 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 5622558
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

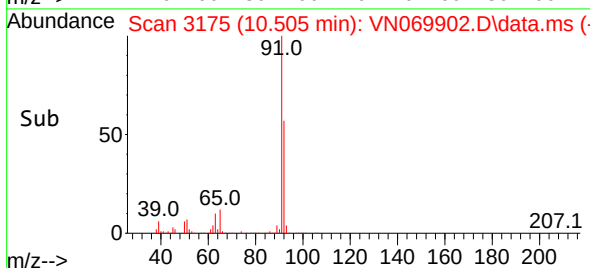
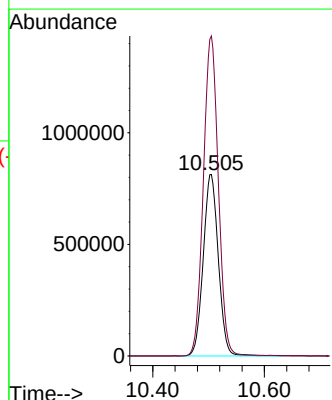
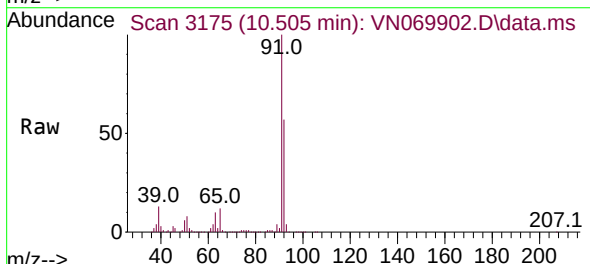
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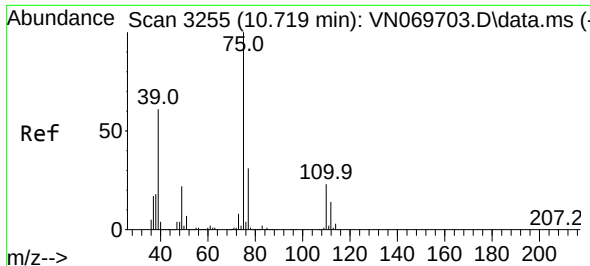
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 47.987 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion: 92 Resp: 1520886
Ion Ratio Lower Upper
92 100
91 176.0 142.0 213.0





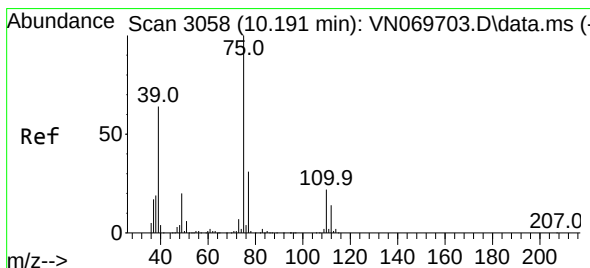
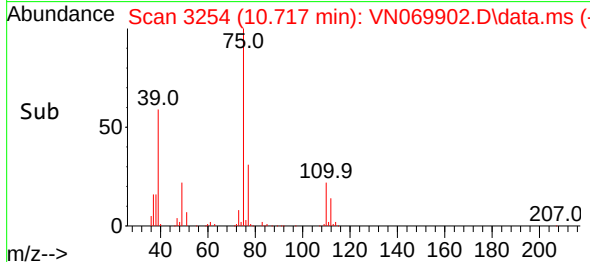
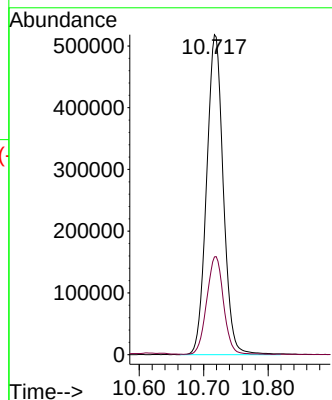
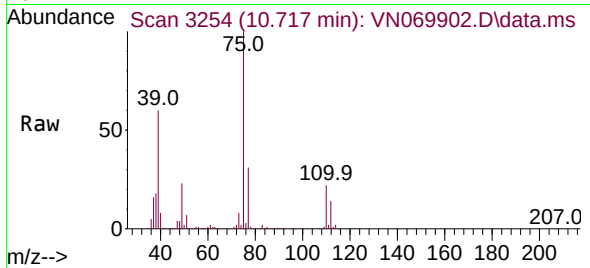
#53
t-1,3-Dichloropropene
Concen: 45.018 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 93128
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

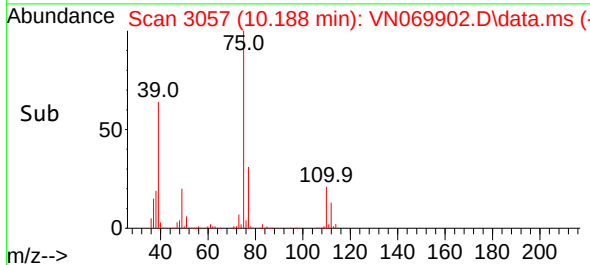
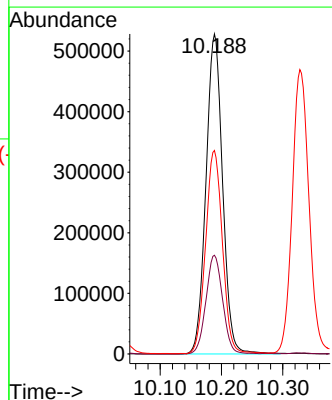
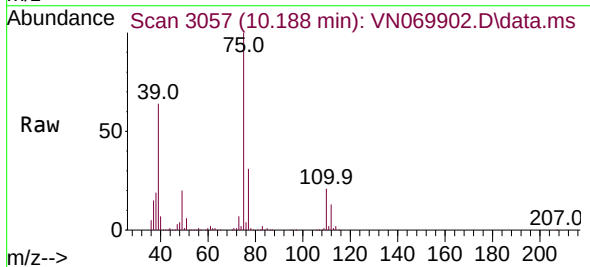
Manual Integrations
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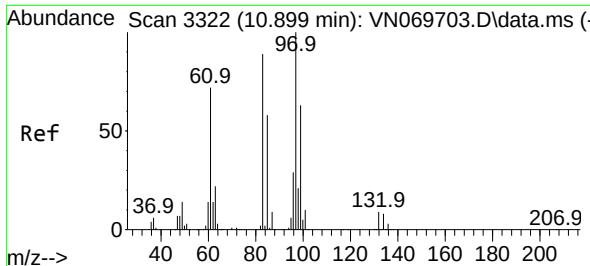
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 45.773 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

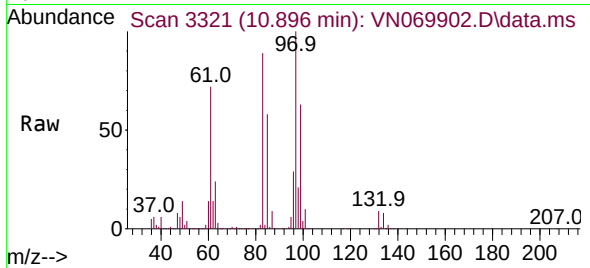
Tgt Ion: 75 Resp: 996470
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 63.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 47.854 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

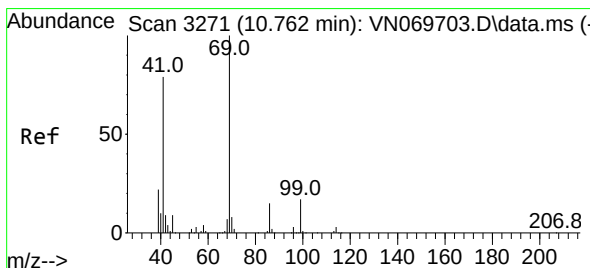
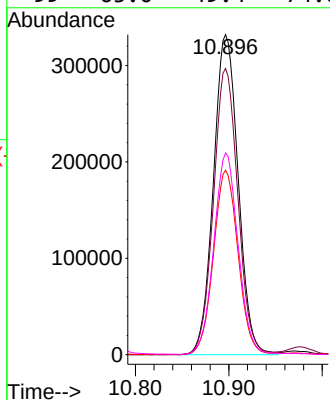
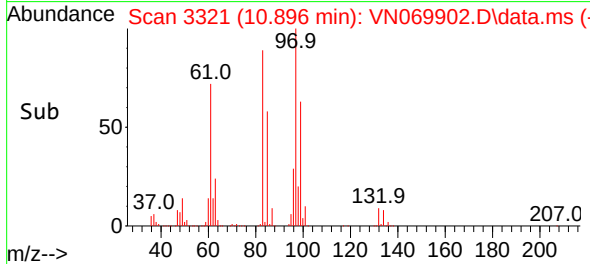
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



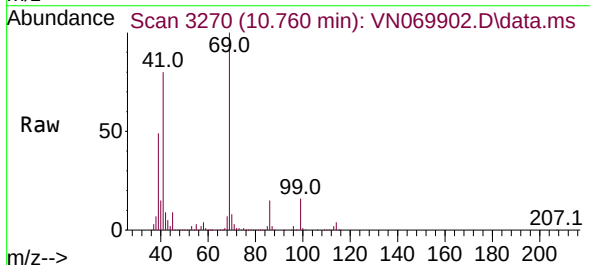
Tgt Ion: 97 Resp: 611954
Ion Ratio Lower Upper
97 100
83 89.4 67.8 101.6
85 57.6 45.4 68.2
99 63.0 49.4 74.0

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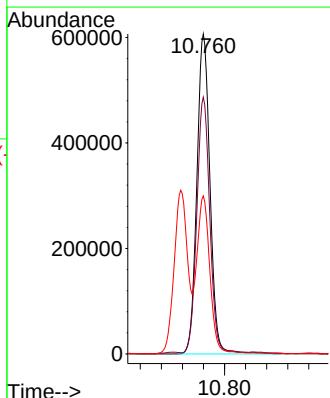
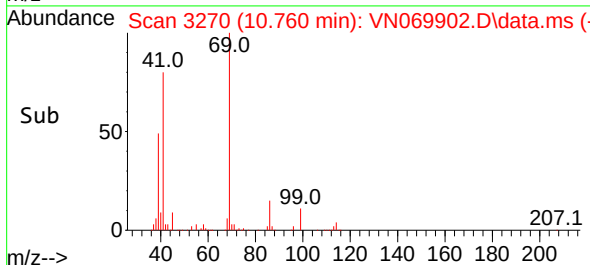
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

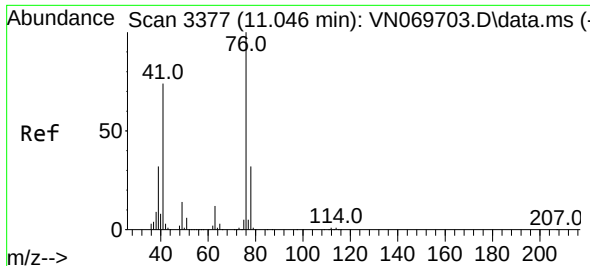


#56
Ethyl methacrylate
Concen: 43.793 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



Tgt Ion: 69 Resp: 1049510
Ion Ratio Lower Upper
69 100
41 78.8 51.4 77.0#
39 48.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 48.375 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 108925

Ion Ratio Lower Upper

76 100

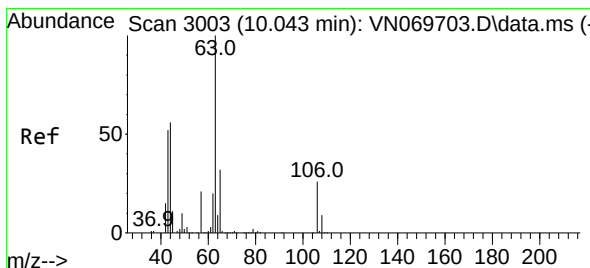
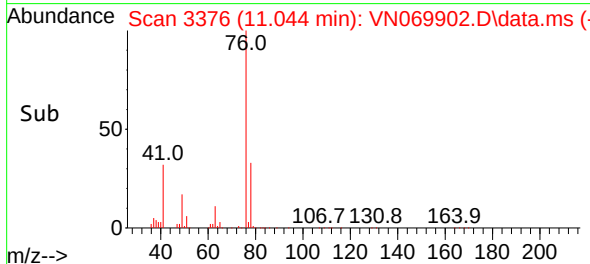
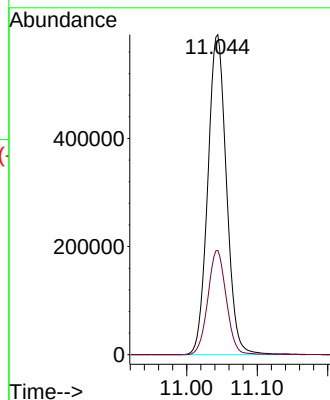
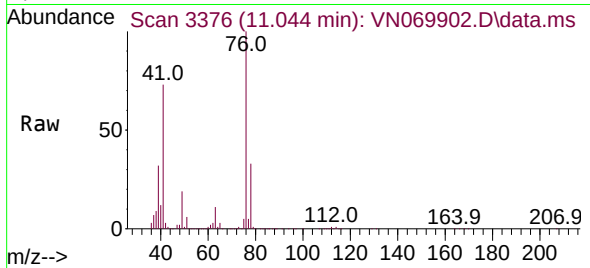
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 206.174 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.005 min

Lab File: VN069902.D

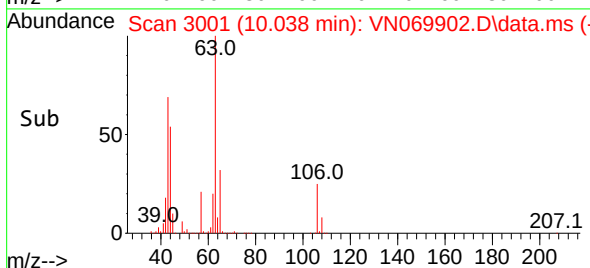
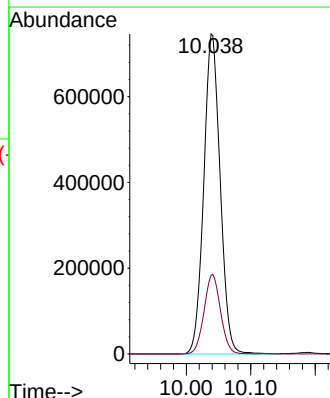
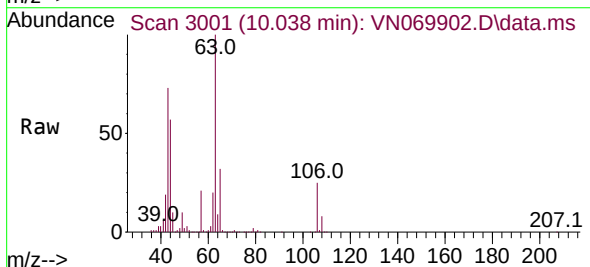
Acq: 9 Dec 2021 9:25

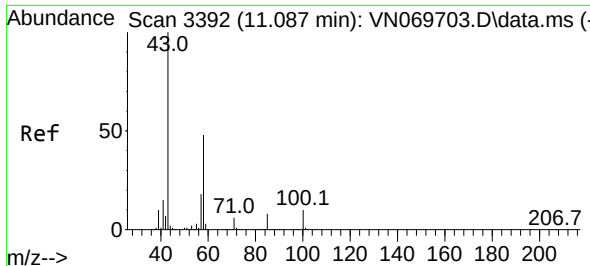
Tgt Ion: 63 Resp: 1320733

Ion Ratio Lower Upper

63 100

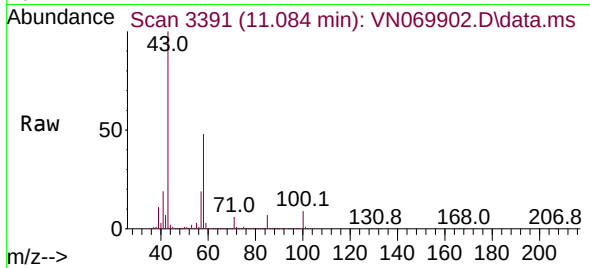
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 214.669 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

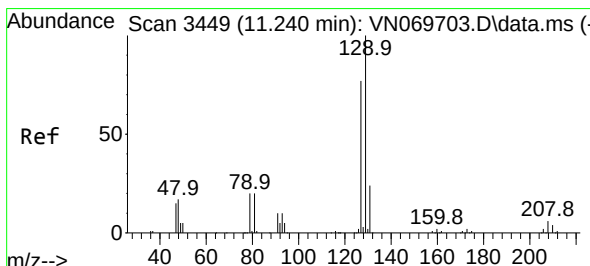
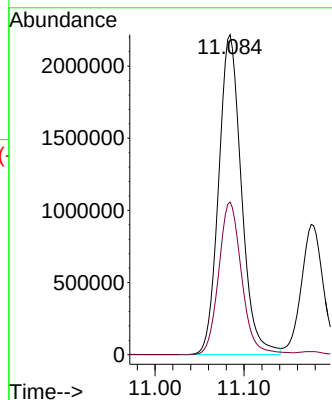
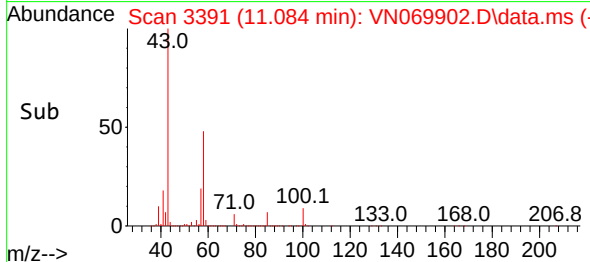
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3940810
Ion Ratio Lower Upper
43 100
58 48.2 26.9 80.7

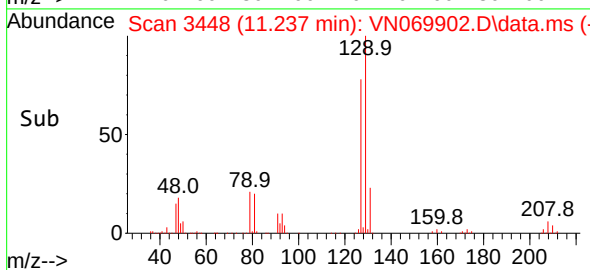
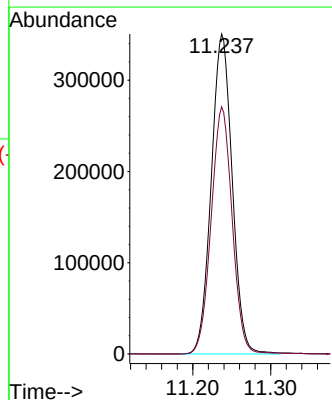
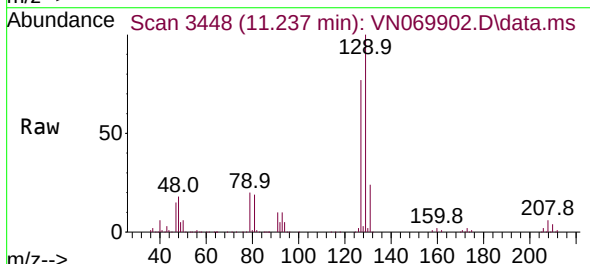
Manual Integrations
APPROVED

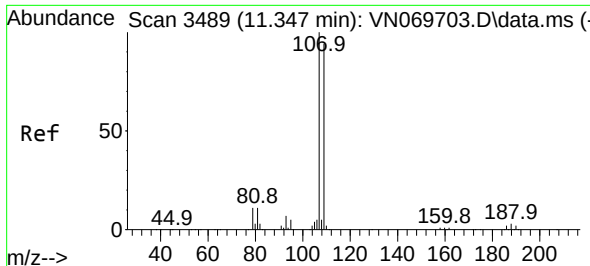
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 47.859 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

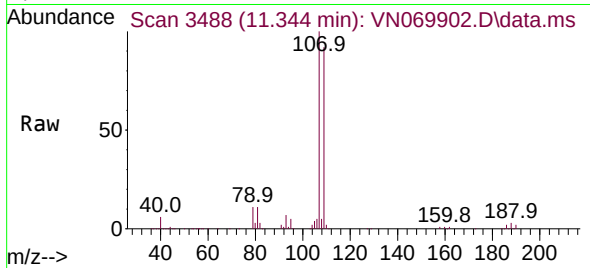
Tgt Ion:129 Resp: 654279
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.825 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

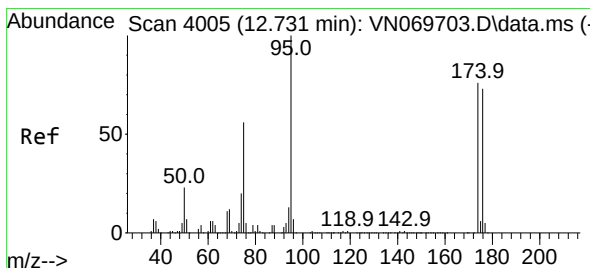
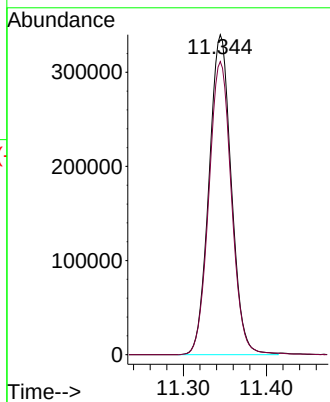
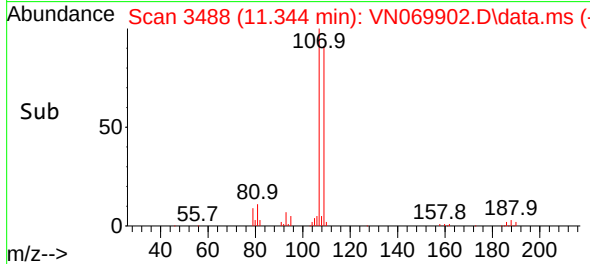
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



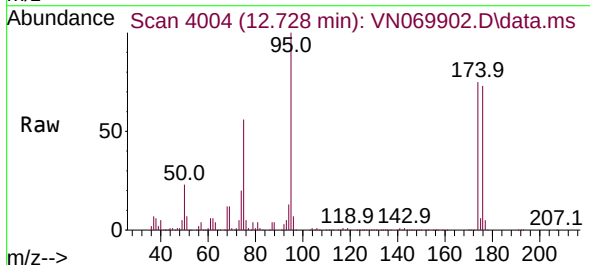
Tgt Ion:107 Resp: 633454
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5

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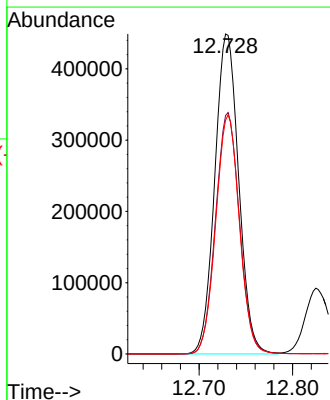
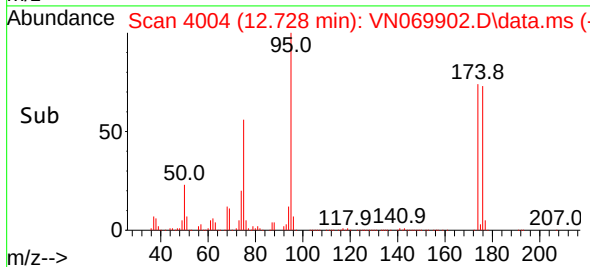
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

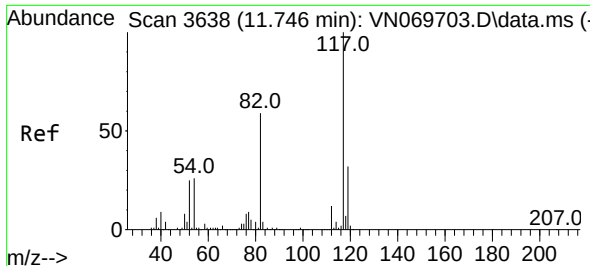


#62
4-Bromofluorobenzene
Concen: 49.142 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



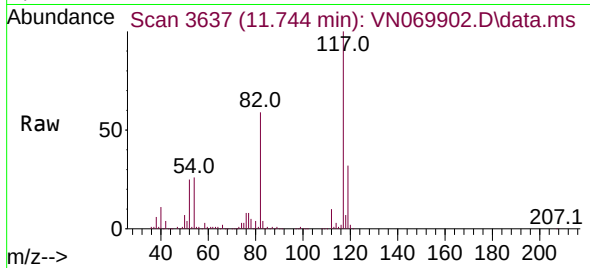
Tgt Ion: 95 Resp: 798862
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 74.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

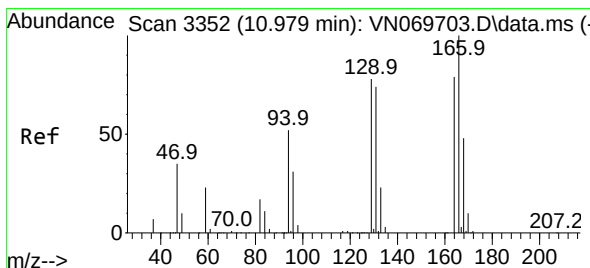
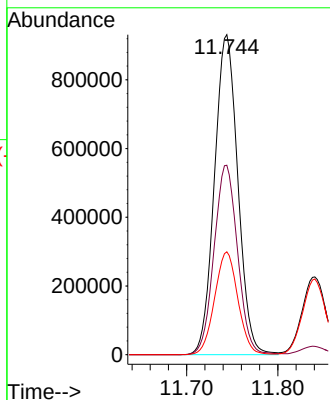
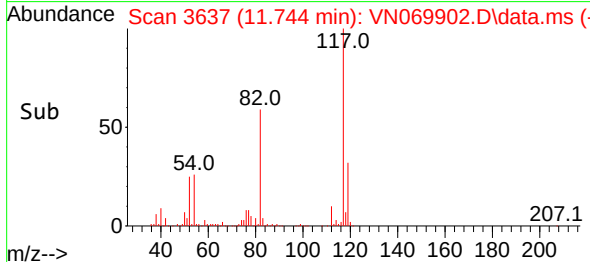
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



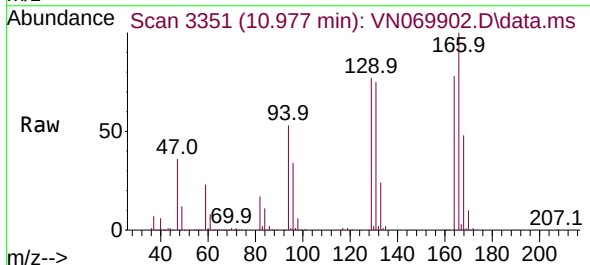
Tgt Ion:117 Resp: 1662972
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.2 25.4 38.2

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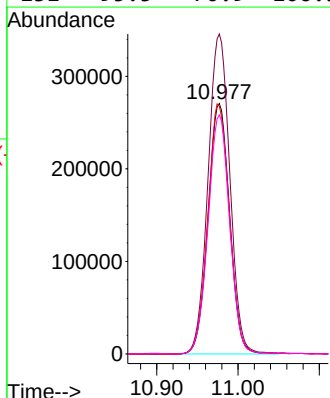
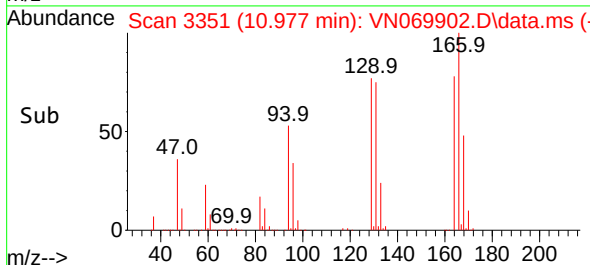
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

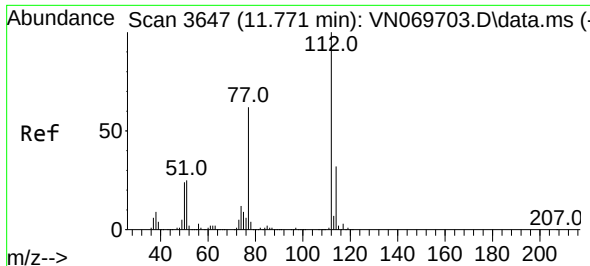


#64
Tetrachloroethene
Concen: 44.372 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



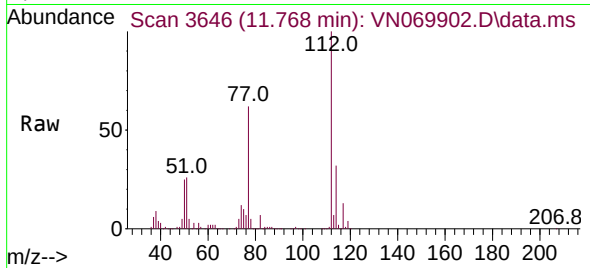
Tgt Ion:164 Resp: 500338
Ion Ratio Lower Upper
164 100
166 127.8 101.9 152.9
129 99.0 72.0 108.0
131 95.5 70.9 106.3





#65
Chlorobenzene
Concen: 47.493 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

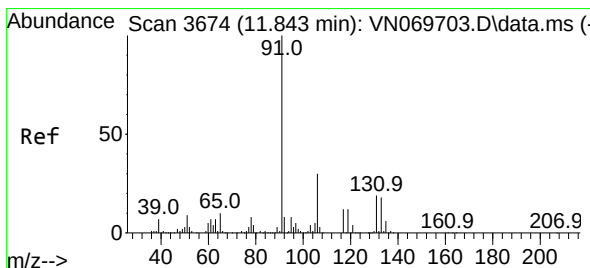
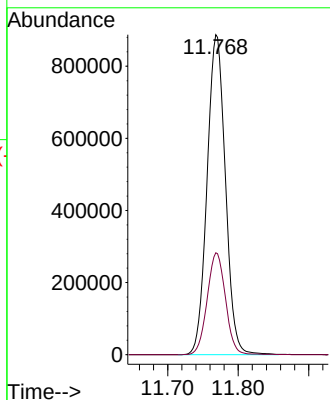
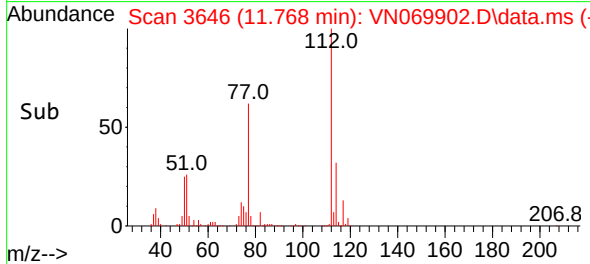
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



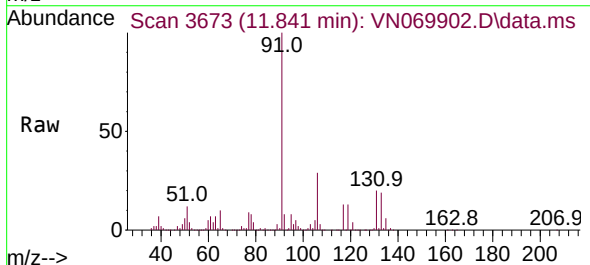
Tgt Ion:112 Resp: 160227
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

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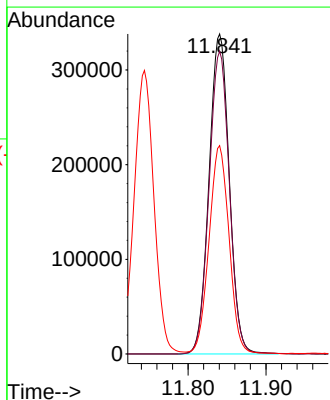
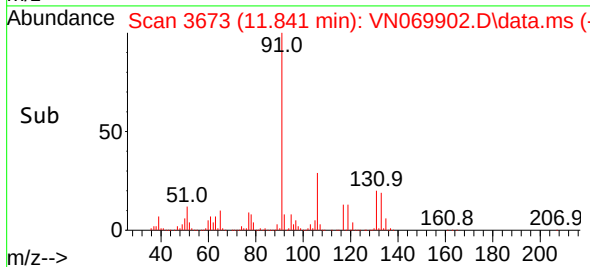
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

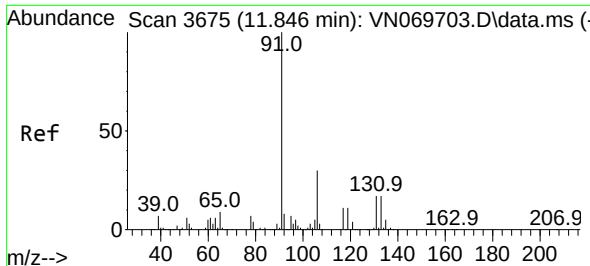


#66
1,1,1,2-Tetrachloroethane
Concen: 51.385 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



Tgt Ion:131 Resp: 610160
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.5 32.1 96.5





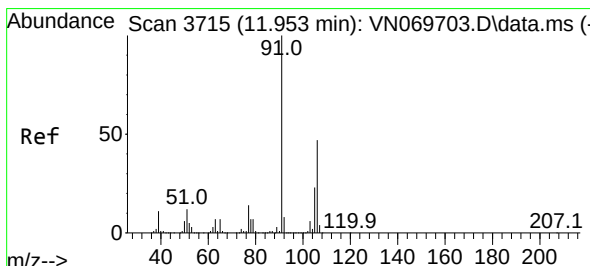
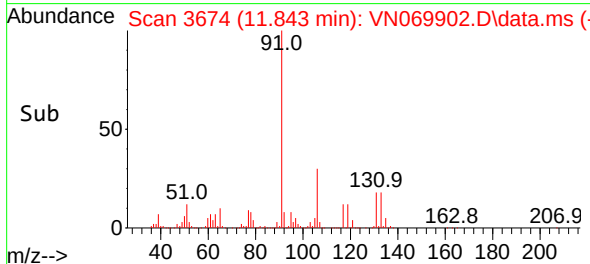
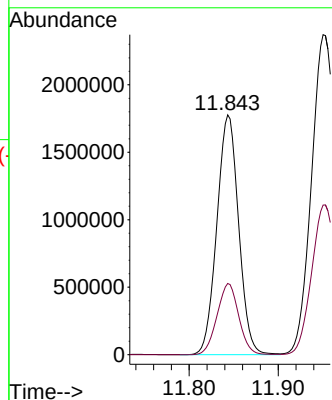
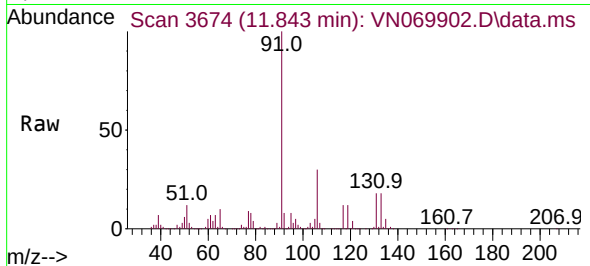
#67
Ethyl Benzene
Concen: 49.283 ug/l
RT: 11.843 min Scan# 302017
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 302017
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

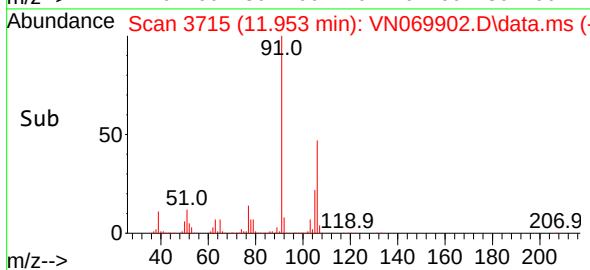
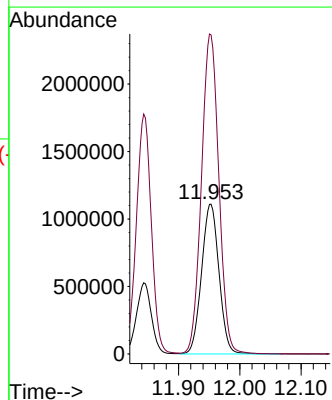
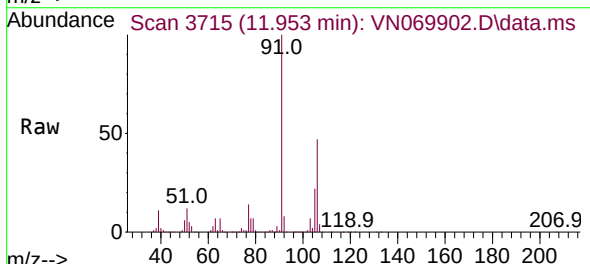
Manual Integrations
APPROVED

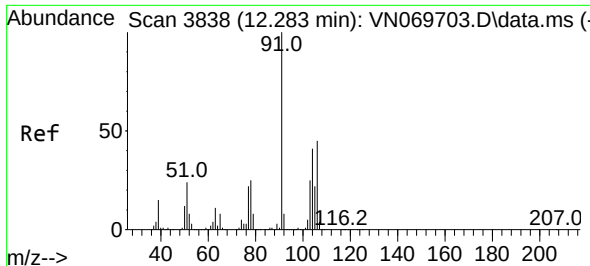
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 98.169 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion:106 Resp: 2190484
Ion Ratio Lower Upper
106 100
91 213.8 160.6 240.8





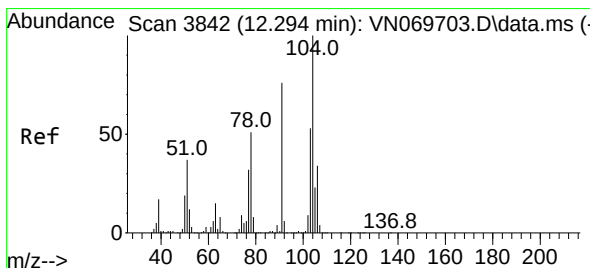
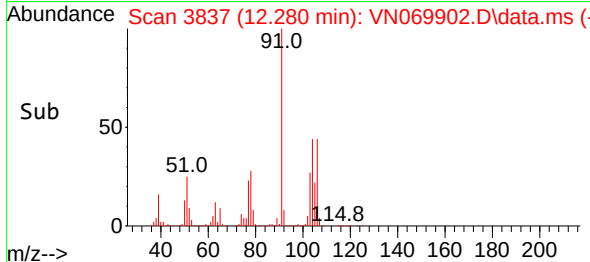
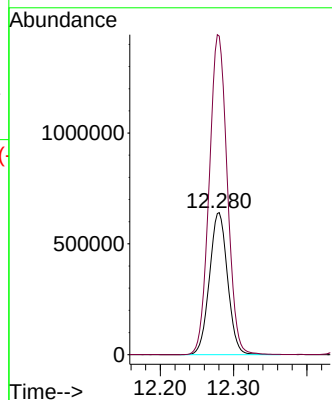
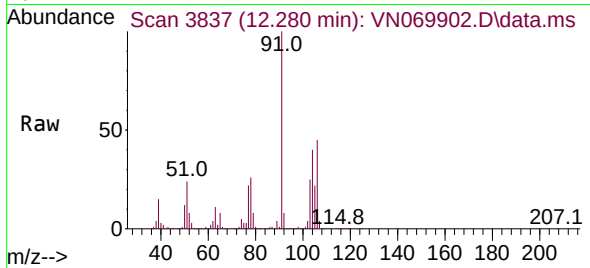
#69
o-Xylene
Concen: 48.926 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1099648
Ion Ratio Lower Upper
106 100
91 224.8 105.8 317.3

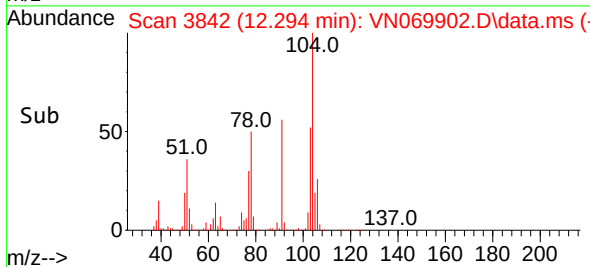
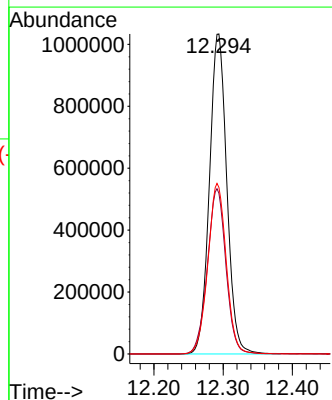
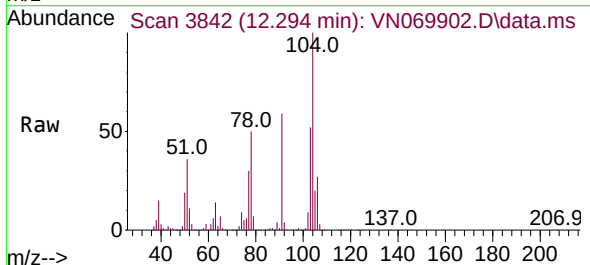
Manual Integrations
APPROVED

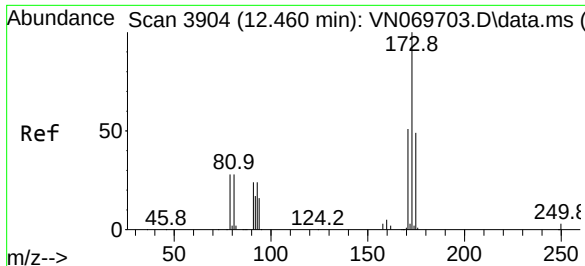
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 50.708 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

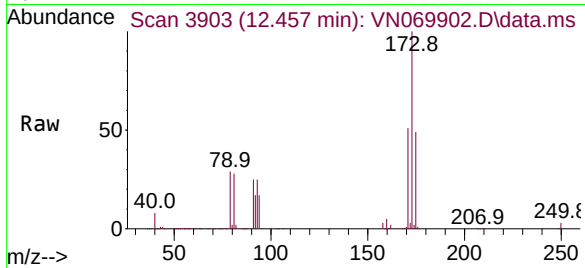
Tgt Ion:104 Resp: 1807211
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 48.533 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

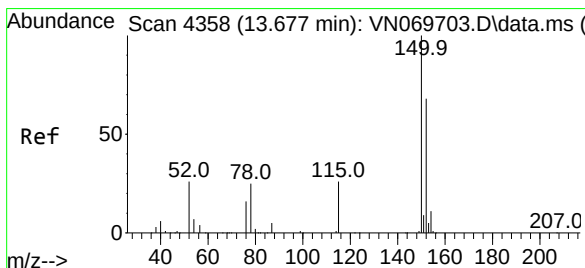
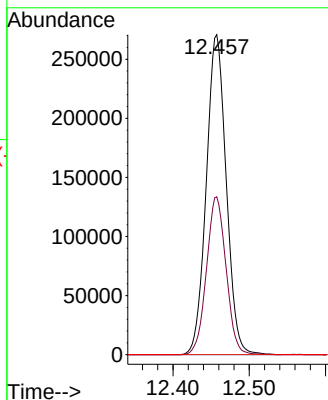
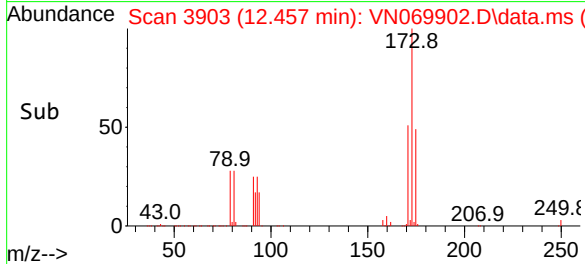
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



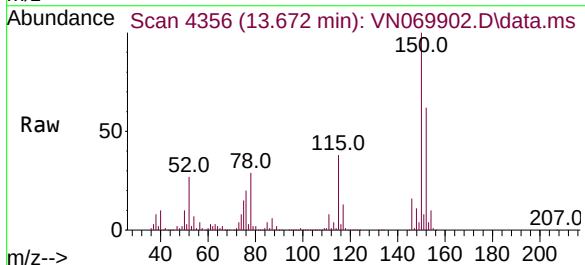
Tgt Ion:173 Resp: 492038
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

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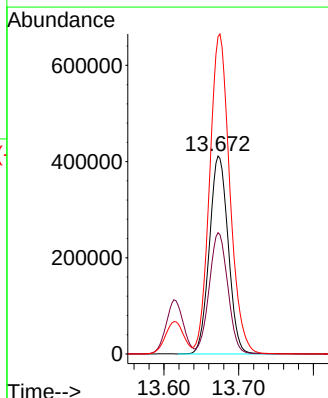
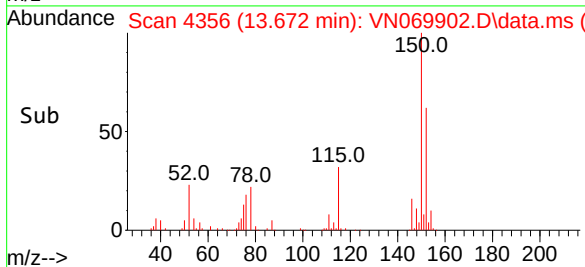
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

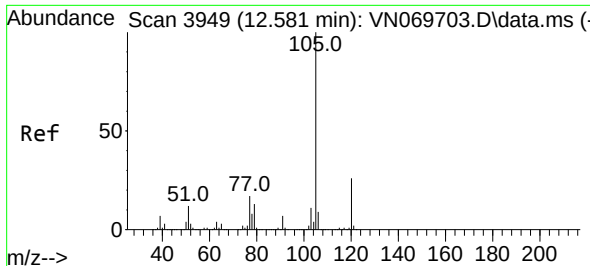


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



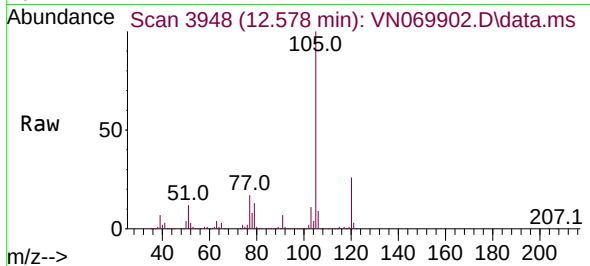
Tgt Ion:152 Resp: 718127
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 173.8 0.0 344.4





#73
Isopropylbenzene
Concen: 45.205 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

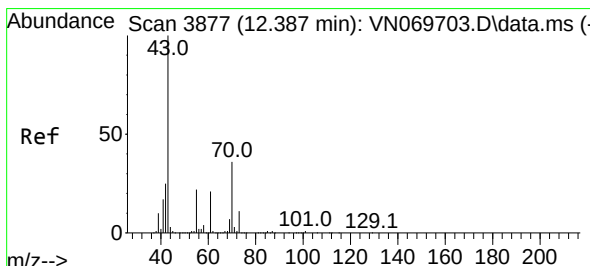
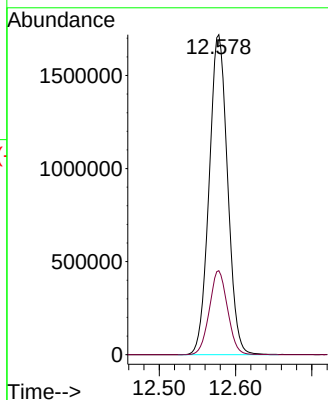
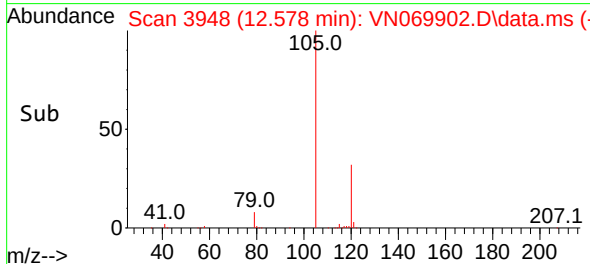
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



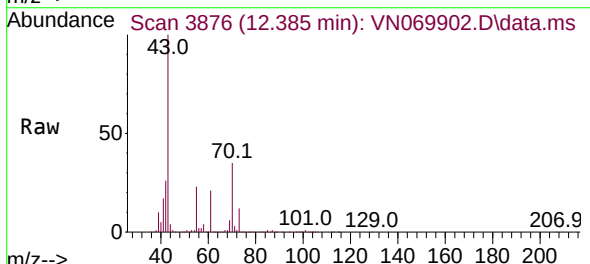
Tgt Ion:105 Resp: 2888300
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

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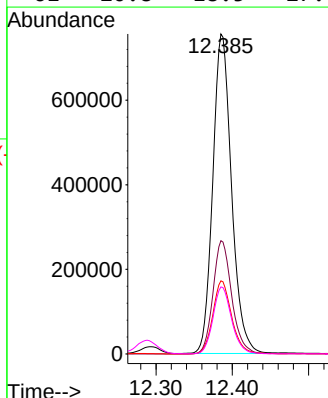
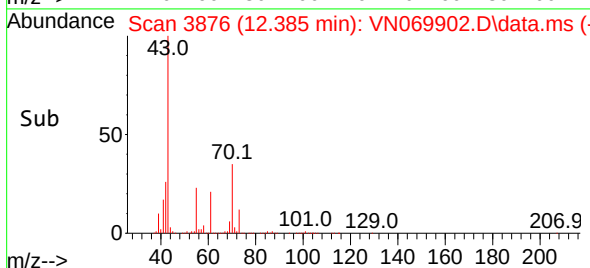
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

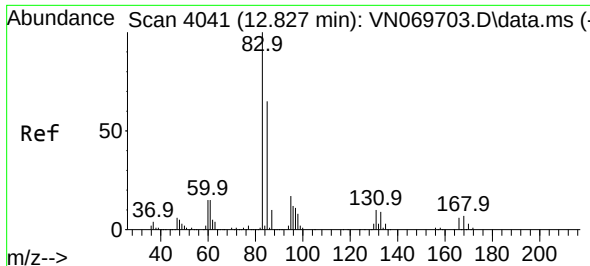


#74
N-ethyl acetate
Concen: 45.682 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



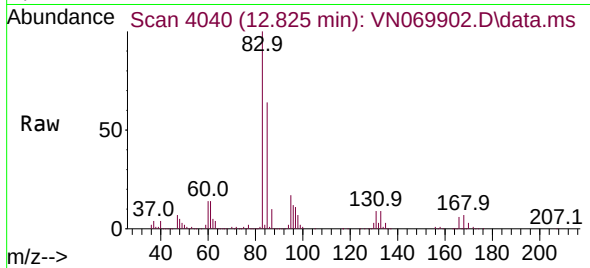
Tgt Ion: 43 Resp: 1290795
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 23.0 19.3 28.9
61 20.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.782 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

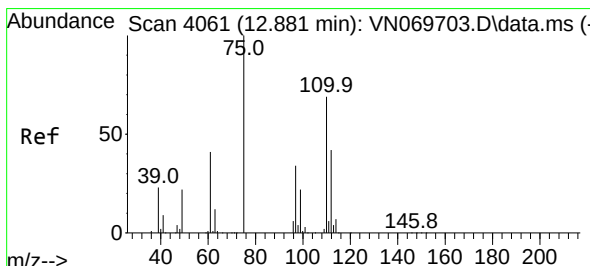
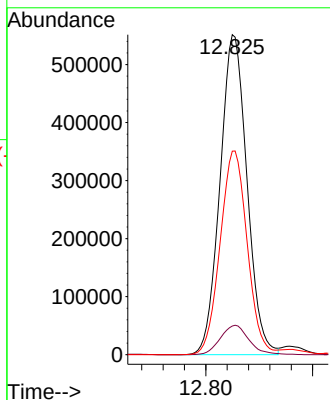
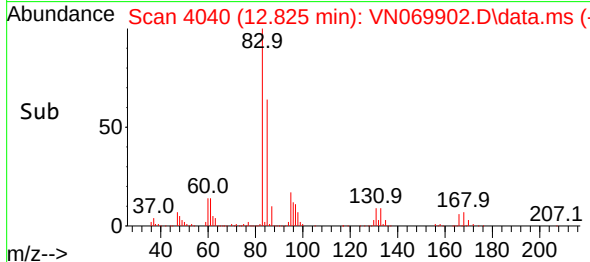
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 96732
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.9 32.4 97.2

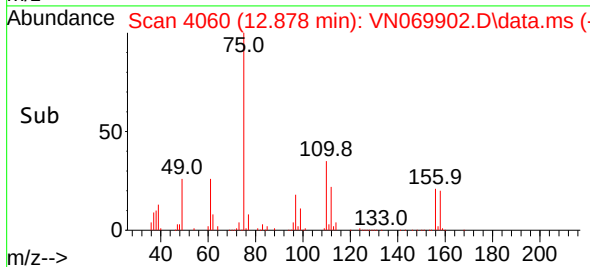
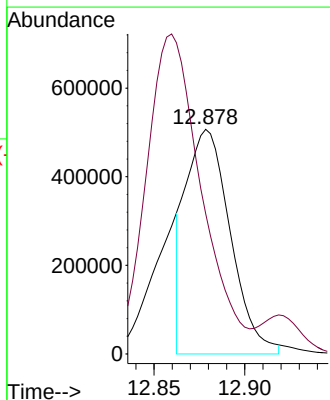
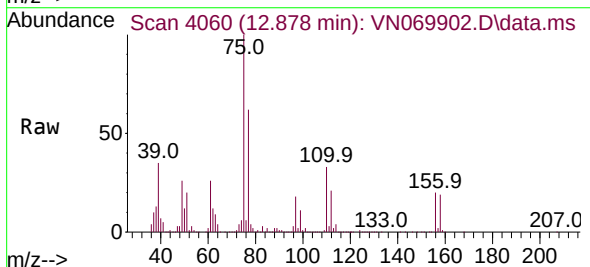
Manual Integrations
APPROVED

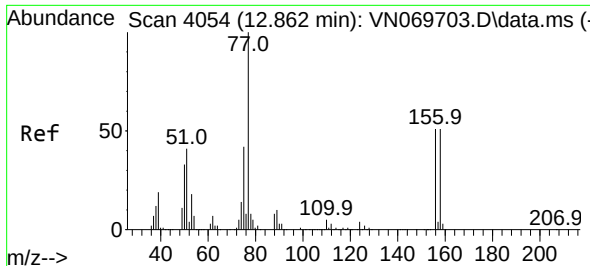
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#76
1,2,3-Trichloropropane
Concen: 42.049 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

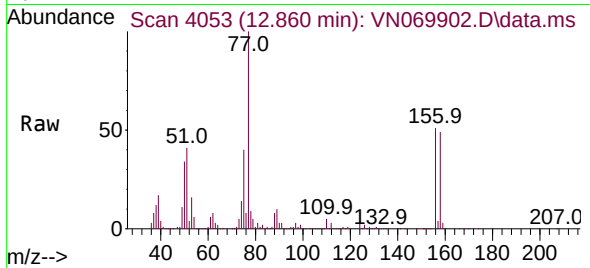
Tgt Ion: 75 Resp: 865971
Ion Ratio Lower Upper
75 100
77 176.2 82.6 247.8





#77
Bromobenzene
Concen: 44.460 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

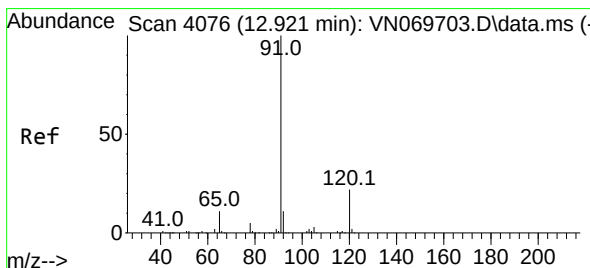
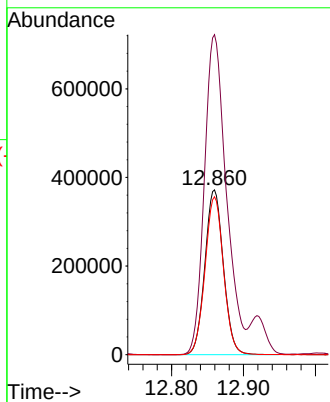
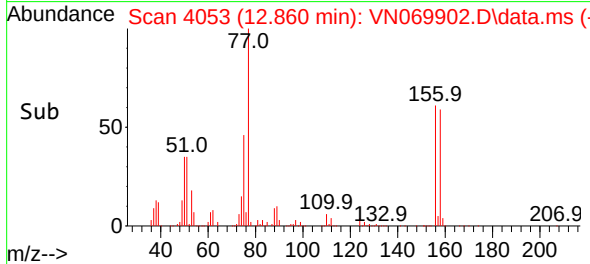
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 66724
Ion Ratio Lower Upper
156 100
77 228.7 90.6 271.8
158 96.0 48.9 146.7

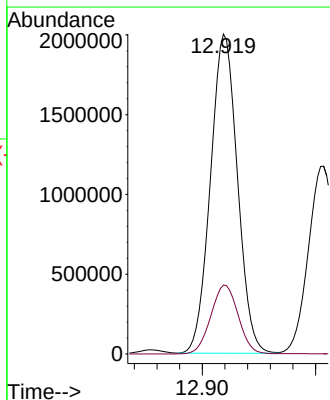
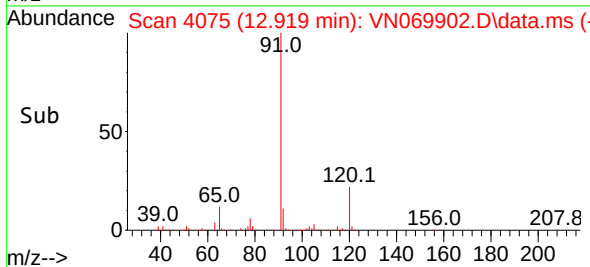
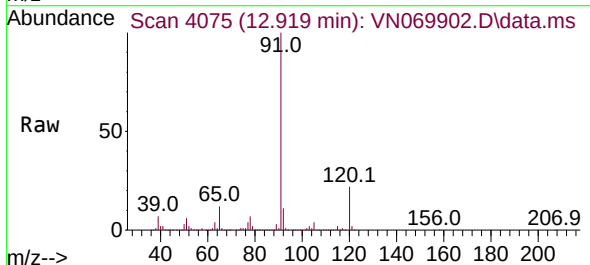
Manual Integrations
APPROVED

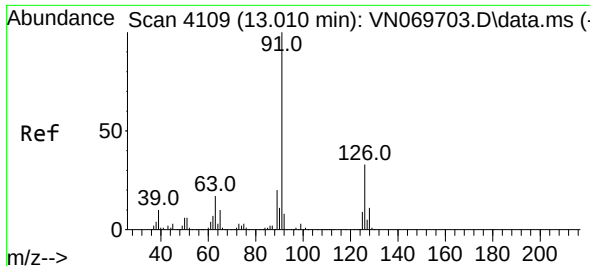
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 46.532 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion: 91 Resp: 3308385
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





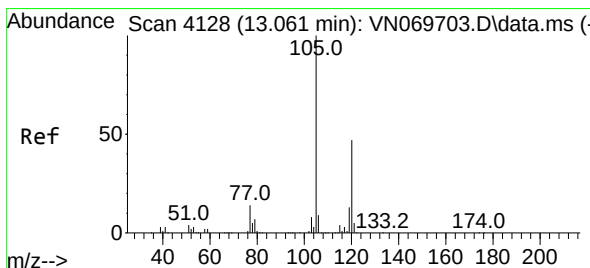
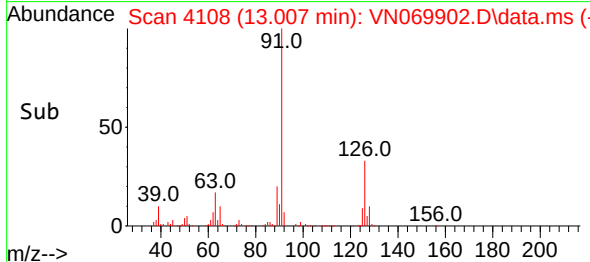
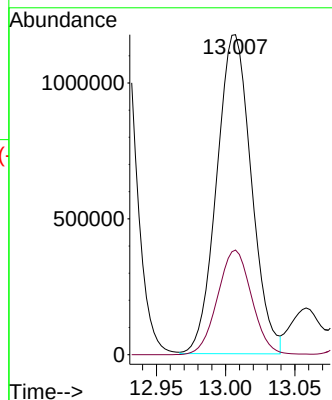
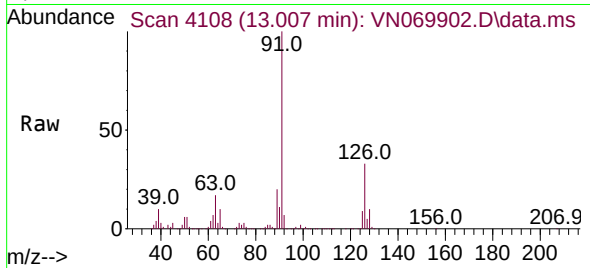
#79
2-Chlorotoluene
Concen: 45.559 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 204674
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

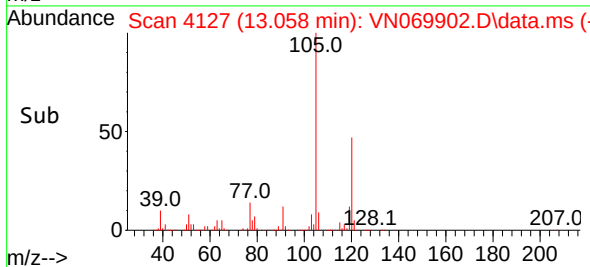
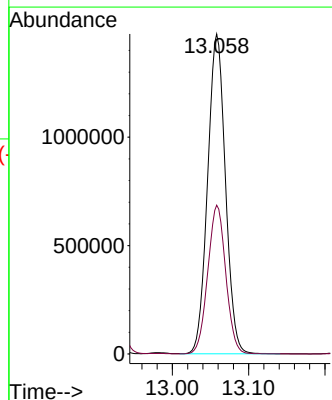
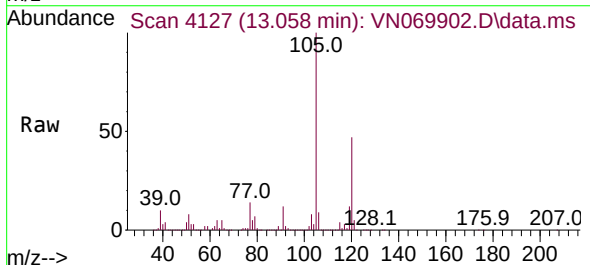
Manual Integrations
APPROVED

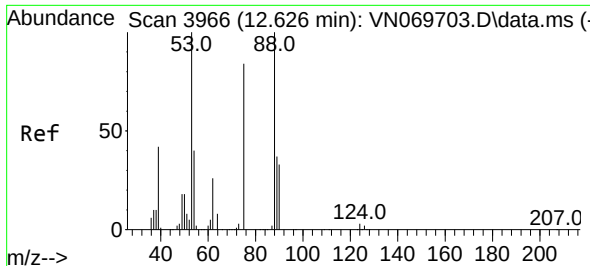
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 46.474 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

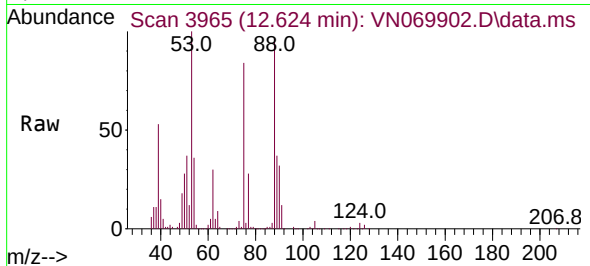
Tgt Ion:105 Resp: 2389969
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.090 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

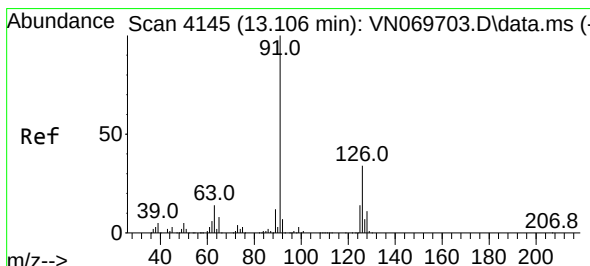
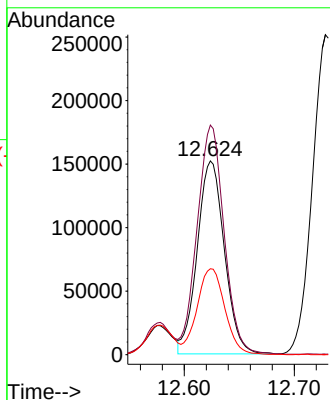
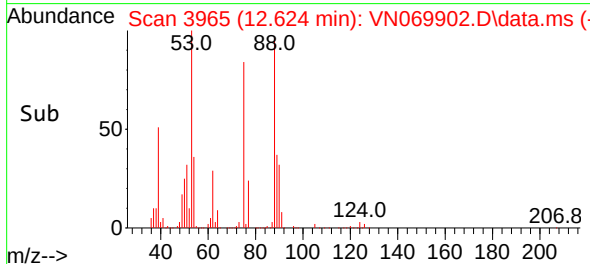
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 260448
Ion Ratio Lower Upper
75 100
53 118.7 90.5 135.7
89 45.8 38.2 57.4

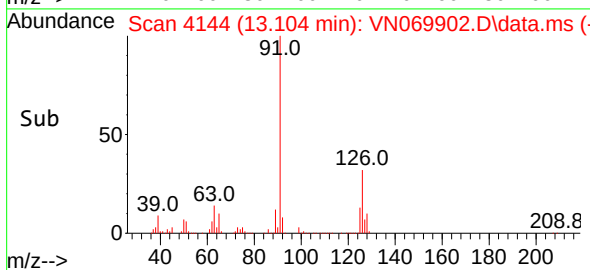
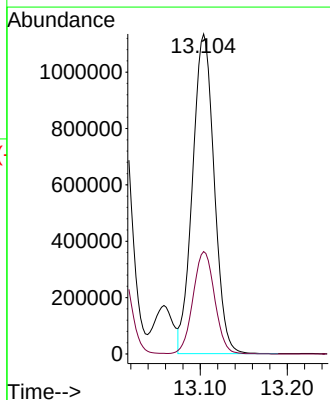
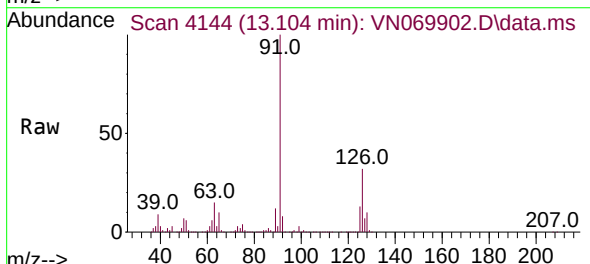
Manual Integrations
APPROVED

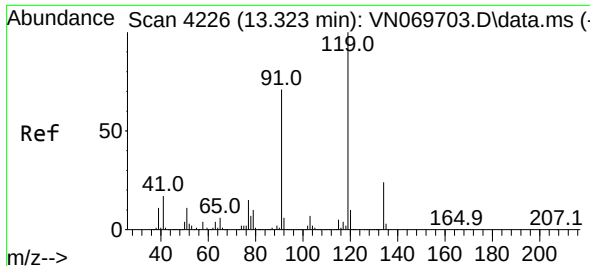
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 46.312 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

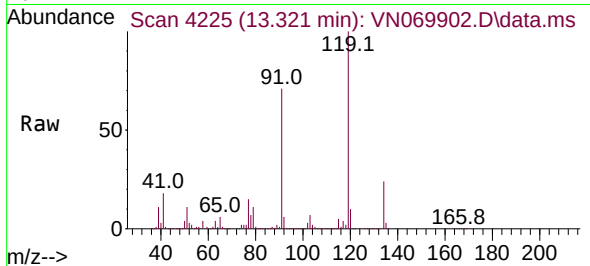
Tgt Ion: 91 Resp: 1956647
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 45.709 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

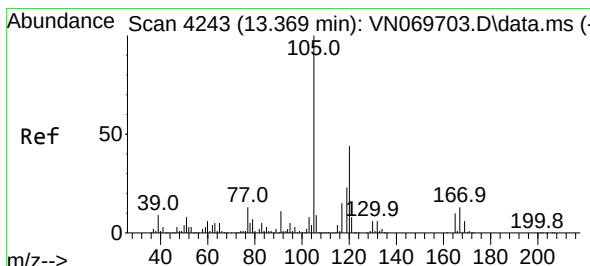
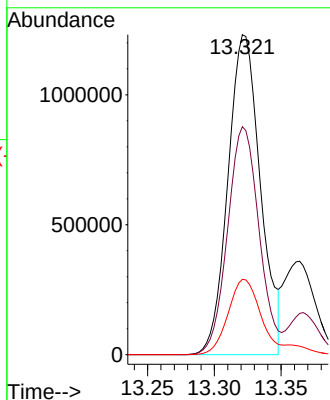
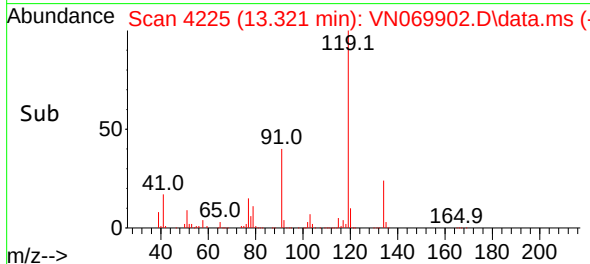
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 208144
Ion Ratio Lower Upper
119 100
91 69.6 31.5 94.5
134 25.9 12.4 37.4

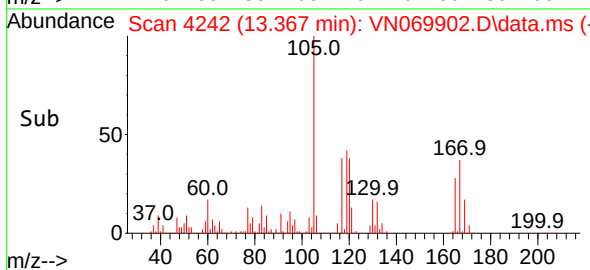
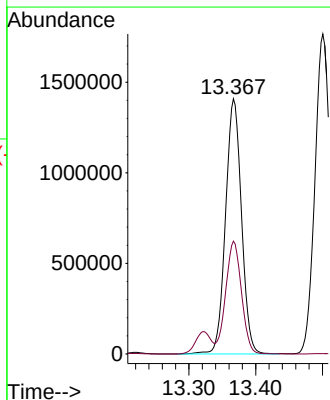
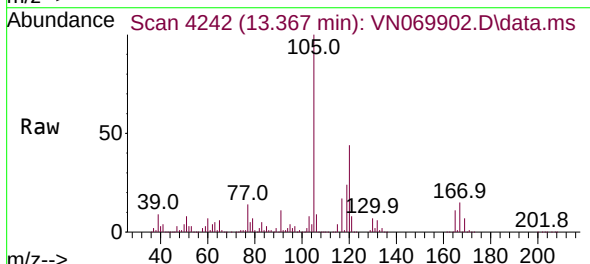
Manual Integrations
APPROVED

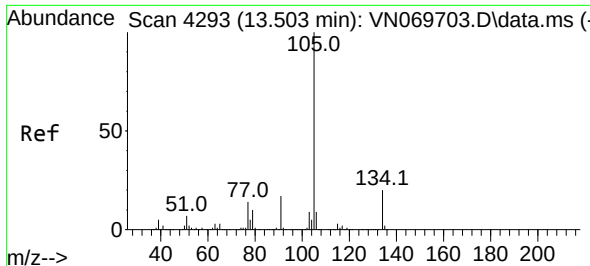
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#84
1,2,4-Trimethylbenzene
Concen: 47.723 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

Tgt Ion:105 Resp: 2337313
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





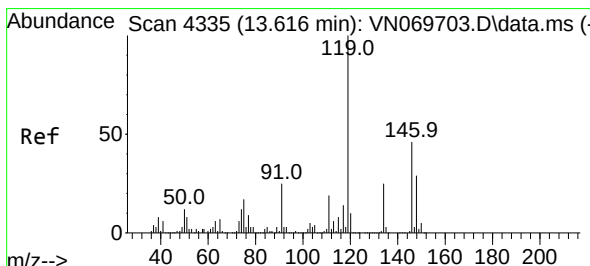
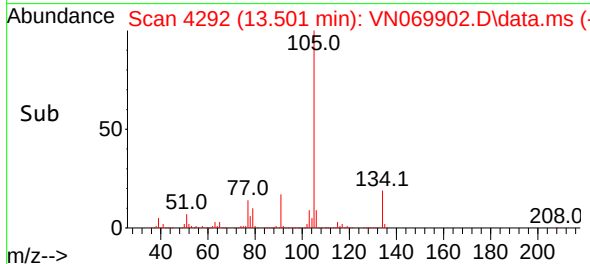
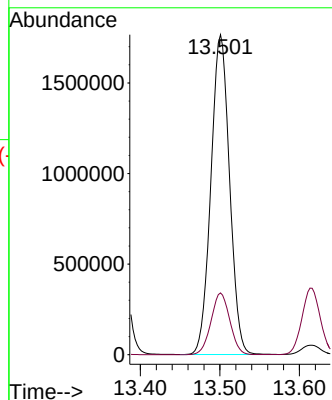
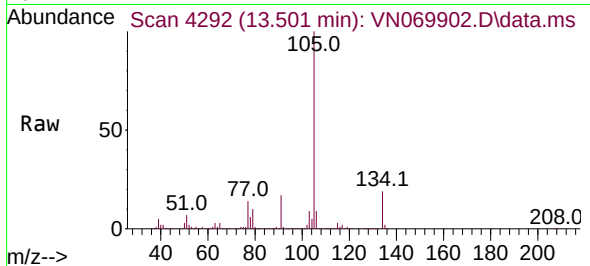
#85
 sec-Butylbenzene
 Concen: 46.527 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069902.D
 Acq: 9 Dec 2021 9:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 287381
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

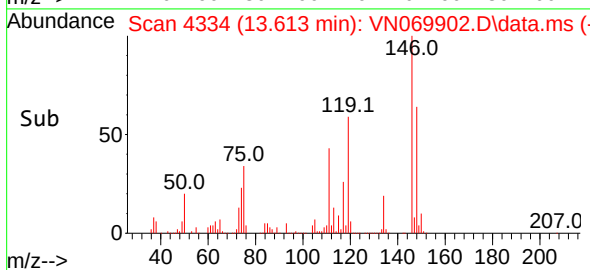
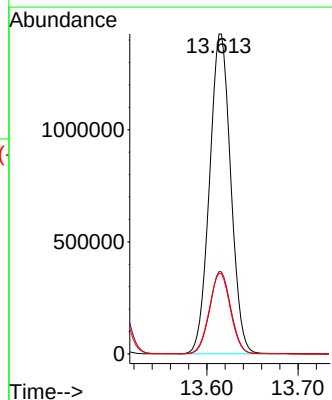
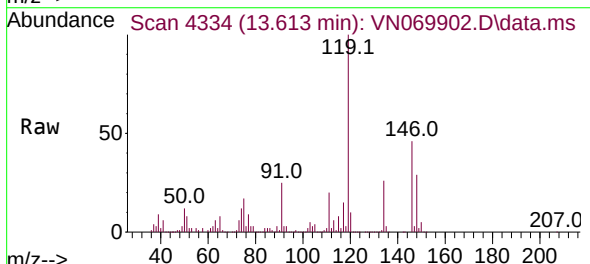
Manual Integrations
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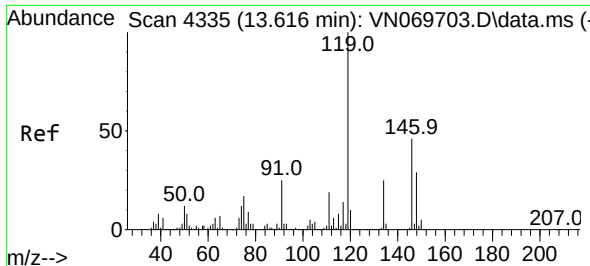
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 47.635 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.002 min
 Lab File: VN069902.D
 Acq: 9 Dec 2021 9:25

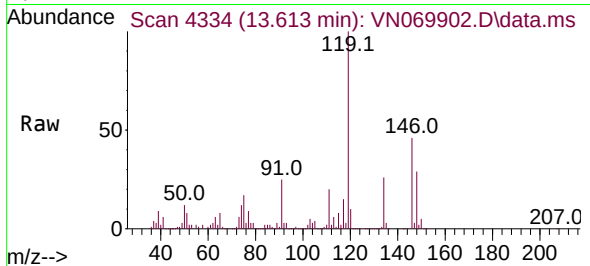
Tgt Ion:119 Resp: 2299827
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 45.597 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

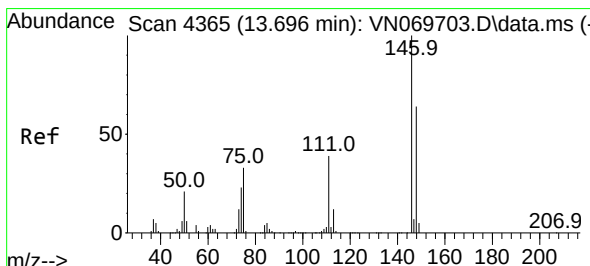
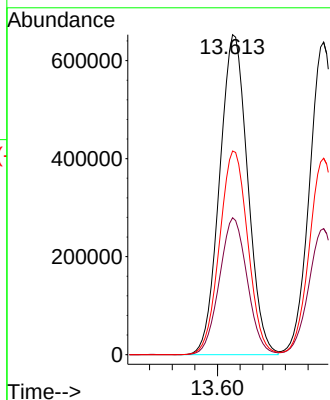
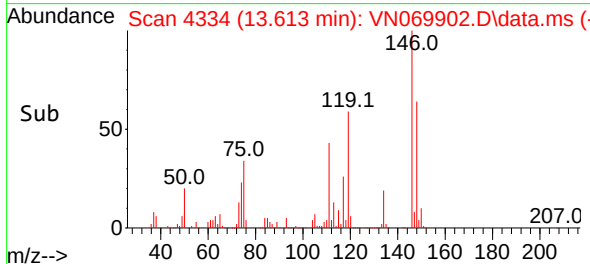
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



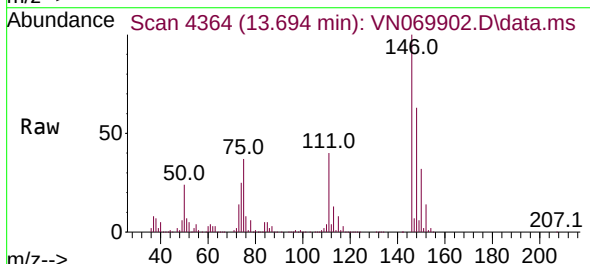
Tgt Ion:146 Resp: 1124190
Ion Ratio Lower Upper
146 100
111 42.3 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
APPROVED

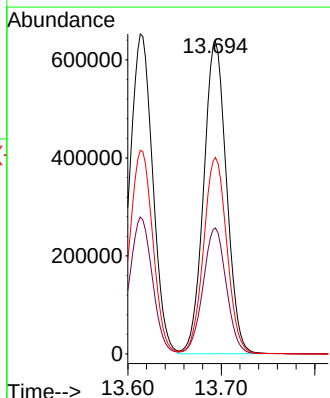
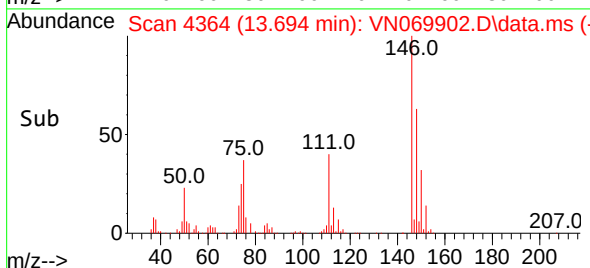
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

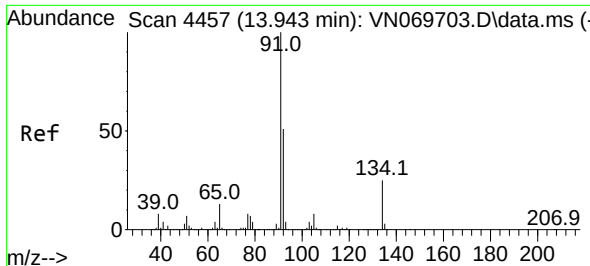


#88
1,4-Dichlorobenzene
Concen: 44.657 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



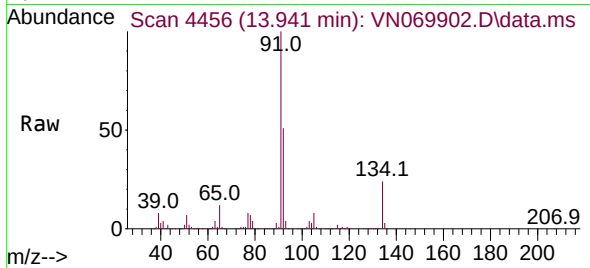
Tgt Ion:146 Resp: 1081994
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 47.921 ug/l
RT: 13.941 min Scan# 4457
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

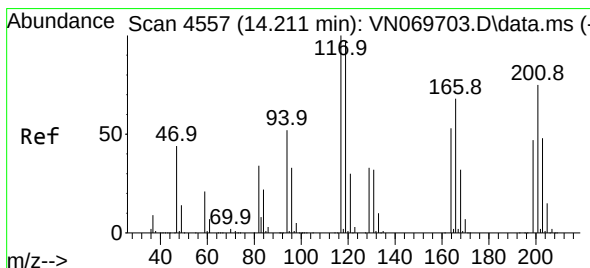
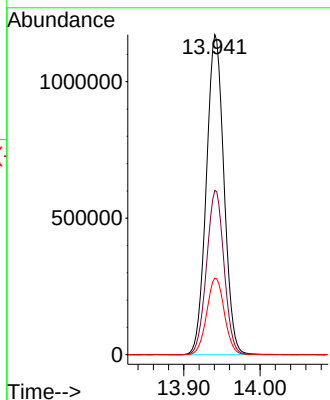
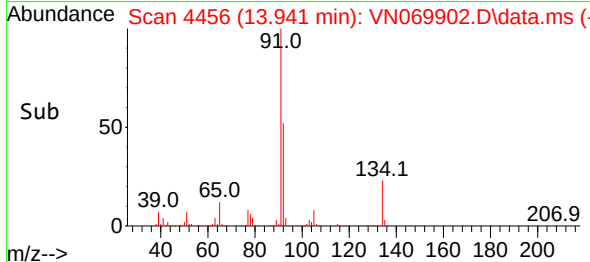
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 187679
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.1 13.6 40.8

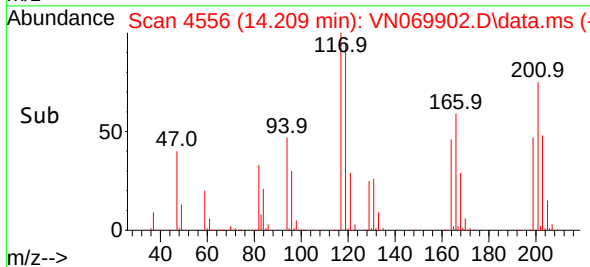
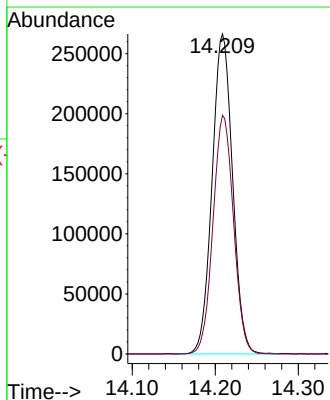
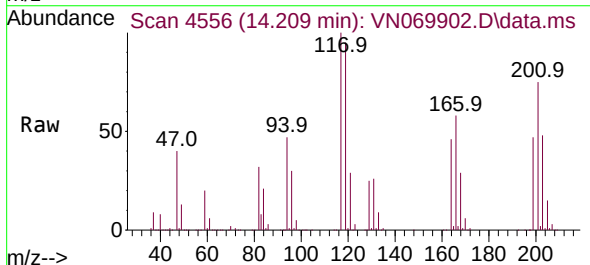
Manual Integrations
APPROVED

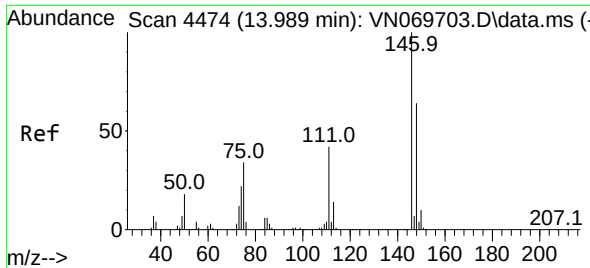
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 53.850 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

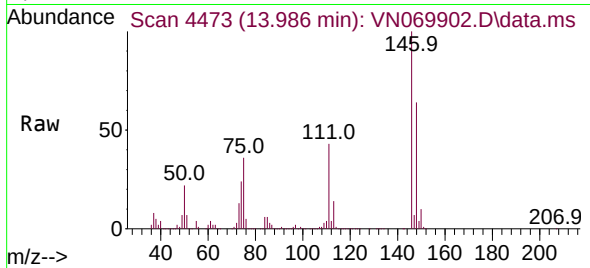
Tgt Ion:117 Resp: 456463
Ion Ratio Lower Upper
117 100
201 74.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 45.377 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

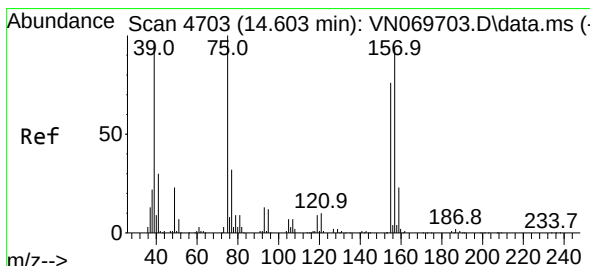
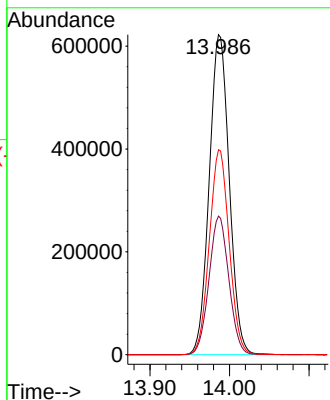
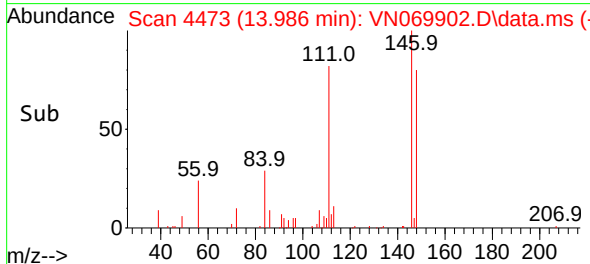
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



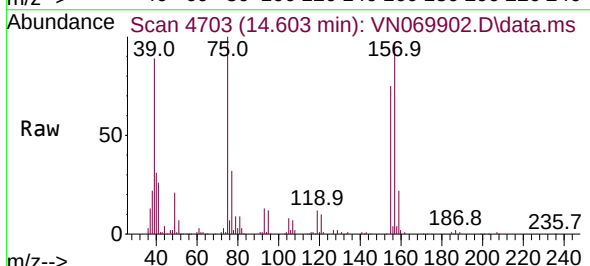
Tgt Ion:146 Resp: 1090088
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.5 32.1 96.3

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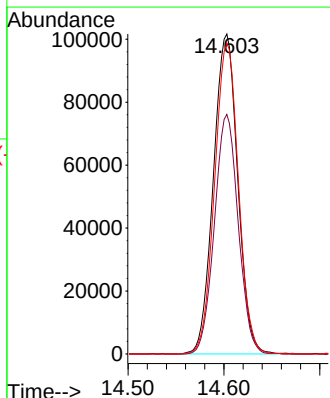
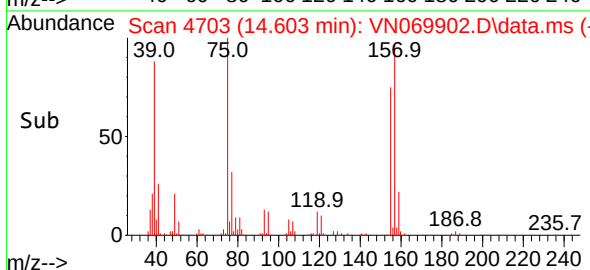
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

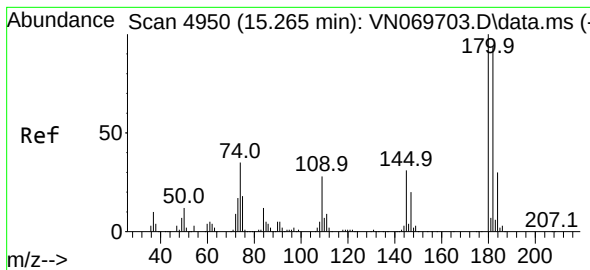


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.821 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



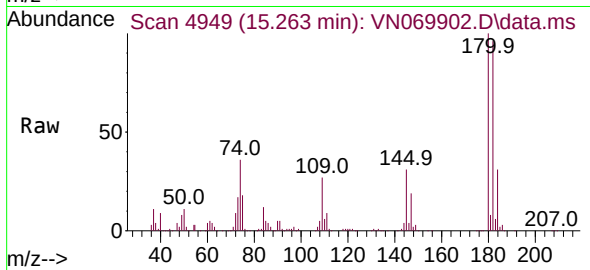
Tgt Ion: 75 Resp: 178947
Ion Ratio Lower Upper
75 100
155 73.2 46.9 140.7
157 95.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 41.319 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25

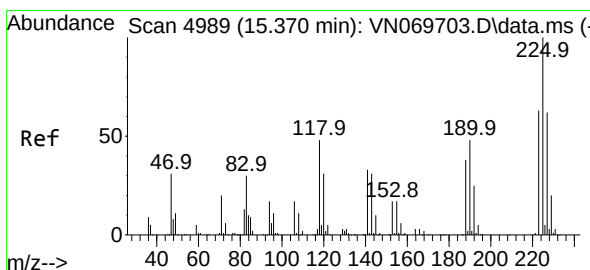
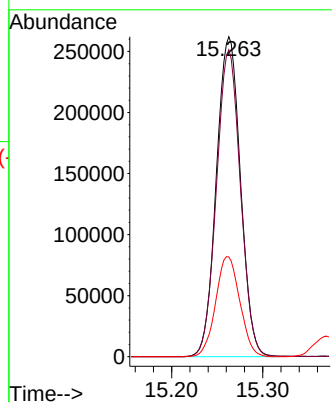
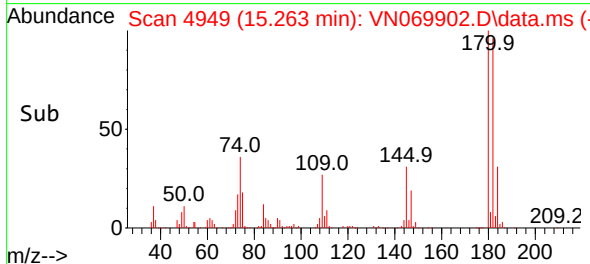
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



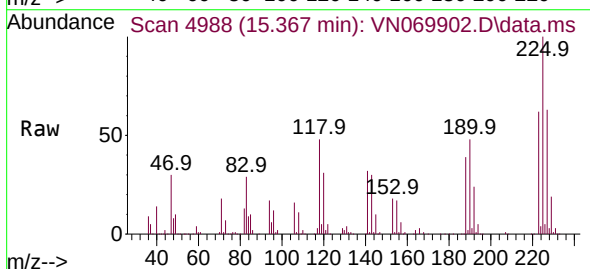
Tgt Ion:180 Resp: 480578
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 31.4 14.5 43.5

Manual Integrations
APPROVED

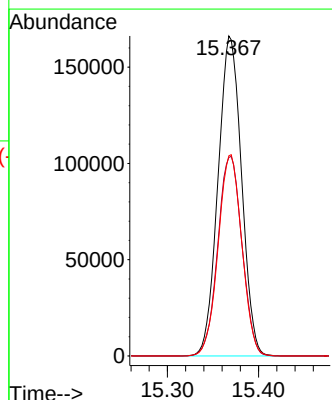
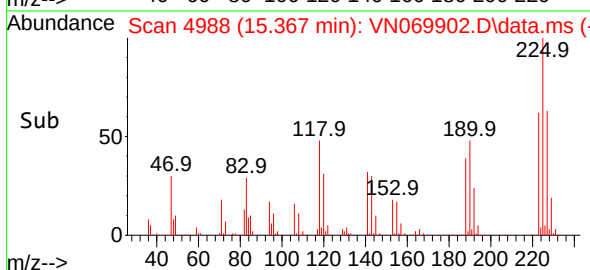
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

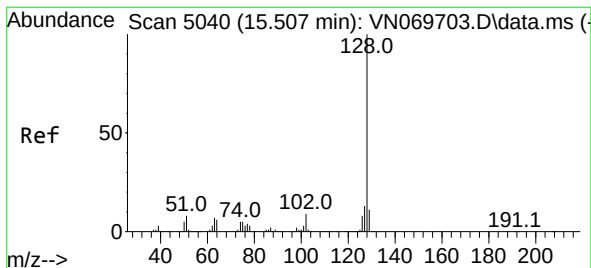


#94
Hexachlorobutadiene
Concen: 46.751 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.002 min
Lab File: VN069902.D
Acq: 9 Dec 2021 9:25



Tgt Ion:225 Resp: 297644
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 63.4 32.1 96.3





#95

Naphthalene

Concen: 36.492 ug/l

RT: 15.504 min Scan# 5040

Delta R.T. -0.003 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 123962

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

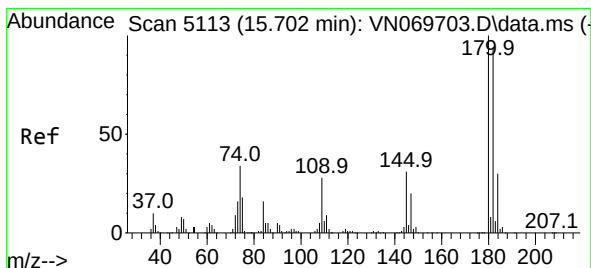
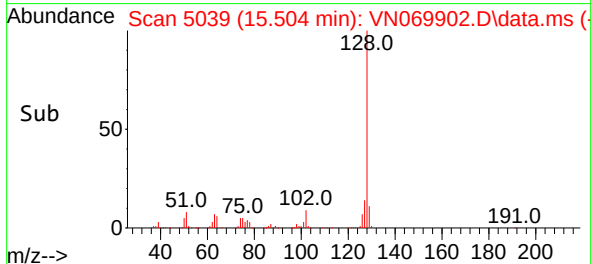
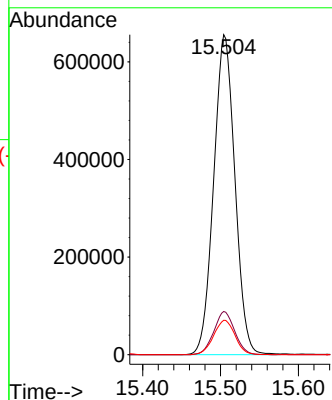
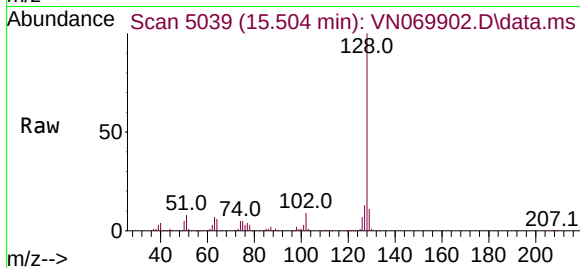
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#96

1,2,3-Trichlorobenzene

Concen: 40.931 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.002 min

Lab File: VN069902.D

Acq: 9 Dec 2021 9:25

Tgt Ion:180 Resp: 464669

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.2

145 33.6 15.0 45.1

