

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
 Data File : VN069649.D
 Acq On : 26 Nov 2021 10:22
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 29 00:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	191054	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1106776	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	989367	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	513648	30.999	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.333%			
60) 4-Bromofluorobenzene	12.731	95	470534	29.719	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.067%			
63) Toluene-d8	10.443	98	1386265	30.346	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	319082	22.602	ug/l	100
3) Chloromethane	2.306	50	328932	22.346	ug/l	97
4) Vinyl Chloride	2.448	62	312557	20.941	ug/l	99
5) Bromomethane	2.867	94	180816	18.916	ug/l	96
6) Chloroethane	3.027	64	189563	20.130	ug/l	96
7) Trichlorofluoromethane	3.379	101	425457	19.448	ug/l	98
8) Diethyl Ether	3.824	74	151043	21.873	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.210	101	234298m	23.145	ug/l	
10) 1,1-Dichloroethene	4.186	96	213553	22.367	ug/l	88
11) Methyl Iodide	4.422	142	291003	21.876	ug/l	98
12) Methyl Acetate	4.859	43	594889	21.635	ug/l #	87
13) Acrolein	4.039	56	89712	118.667	ug/l	100
14) Acrylonitrile	5.557	53	790007	105.311	ug/l	99
15) Acetone	4.291	58	318940	127.594	ug/l	80
16) Carbon Disulfide	4.532	76	504247	21.129	ug/l	97
17) Allyl chloride	4.843	41	450047	22.178	ug/l	90
18) Methylene Chloride	5.093	84	262401	21.573	ug/l #	86
19) trans-1,2-Dichloroethene	5.600	96	230324	21.983	ug/l	86
20) Diisopropyl ether	6.495	45	959048	22.056	ug/l #	96
21) 1,1-Dichloroethane	6.388	63	492496	22.326	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	274641	21.135	ug/l	90
23) tert-Butyl Alcohol	5.374	59	262604	100.585	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	843961	22.056	ug/l	96
25) Chloroform	7.817	83	502343	22.024	ug/l	99
26) Cyclohexane	8.096	56	466674	22.282	ug/l #	87
29) 1,1-Dichloropropene	8.222	75	364503	21.575	ug/l	95
30) 2-Butanone	7.337	43	1351612	110.525	ug/l	91
31) 2,2-Dichloropropane	7.327	77	380966	21.329	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	414426	21.012	ug/l	94
33) Carbon Tetrachloride	8.206	117	343711	21.100	ug/l	96
34) Benzene	8.461	78	1092171	21.258	ug/l #	95
35) Methacrylonitrile	7.635	41	220642	19.672	ug/l	90
36) 1,2-Dichloroethane	8.531	62	430499	21.734	ug/l	99
37) Trichloroethene	9.217	130	262074	21.114	ug/l	93
38) Methylcyclohexane	9.462	83	449631	21.511	ug/l	89
39) 1,2-Dichloropropane	9.491	63	295778	21.737	ug/l	99
40) Dibromomethane	9.577	93	192028	21.071	ug/l	95
41) Bromodichloromethane	9.762	83	358969	20.986	ug/l	97
42) Vinyl Acetate	6.436	43	3647093	105.531	ug/l #	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	445705	19.667	ug/l	100
44) Isopropyl Acetate	8.560	43	722711	20.455	ug/l	96
45) 1,4-Dioxane	9.566	88	108000	376.555	ug/l #	85
46) Methyl methacrylate	9.561	41	333642	20.503	ug/l	82
47) n-amyl Acetate	12.388	43	450725	16.612	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	364146	19.837	ug/l	99
49) cis-1,3-Dichloropropene	10.188	75	412863	20.668	ug/l	94
50) 1,1,2-Trichloroethane	10.899	97	266153	20.566	ug/l	93
51) Ethyl methacrylate	10.762	69	415465	19.148	ug/l	90
52) 1,3-Dichloropropane	11.044	76	465230	20.812	ug/l	99
53) Dibromochloromethane	11.240	129	249136	20.146	ug/l	99
54) 1,2-Dibromoethane	11.347	107	263464	19.658	ug/l	97
55) 2-Chloroethyl vinyl ether	10.041	63	467788	94.784	ug/l	97
56) Bromoform	12.460	173	168745	19.029	ug/l #	100
58) 4-Methyl-2-Pentanone	10.331	43	2345338	107.994	ug/l #	94
59) 2-Hexanone	11.087	43	1726803	104.530	ug/l	95
61) Tetrachloroethene	10.977	164	249121	23.460	ug/l	97
62) Toluene	10.505	91	1172104	21.559	ug/l	98
64) Chlorobenzene	11.771	112	703900	21.580	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.840	131	249218	21.702	ug/l	100
66) Ethyl Benzene	11.843	91	1299338	21.592	ug/l	99
67) m/p-Xylenes	11.953	106	957214	42.826	ug/l	95
68) o-Xylene	12.280	106	471364	21.062	ug/l	95
69) Styrene	12.294	104	745874	20.558	ug/l	97
70) Isopropylbenzene	12.578	105	1248957	21.340	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	405644	21.004	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	369135m	19.620	ug/l	
73) Bromobenzene	12.860	156	280184	20.767	ug/l	93
74) n-propylbenzene	12.921	91	1393242	20.728	ug/l	99
75) 2-Chlorotoluene	13.007	91	863581	21.105	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	1021502	21.265	ug/l	99
77) t-1,4-Dichloro-2-butene	12.624	75	90310	17.783	ug/l	82
78) 4-Chlorotoluene	13.106	91	803695	20.510	ug/l	95
79) tert-butylbenzene	13.324	119	882493	20.884	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	972525m	20.754	ug/l	
81) sec-Butylbenzene	13.503	105	1221995	20.668	ug/l	100
82) p-Isopropyltoluene	13.616	119	960055	20.351	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	474417	20.567	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	451420	20.172	ug/l	98
85) n-Butylbenzene	13.943	91	725434	18.425	ug/l	99
86) Hexachloroethane	14.211	117	155357	19.898	ug/l	88
87) 1,2-Dichlorobenzene	13.989	146	457316	20.542	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	65690	19.430	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	181142	16.970	ug/l	98
90) Hexachlorobutadiene	15.370	225	126034	21.834	ug/l	97
91) Naphthalene	15.507	128	432990	14.081	ug/l	98
92) 1,2,3-Trichlorobenzene	15.703	180	178091	16.971	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

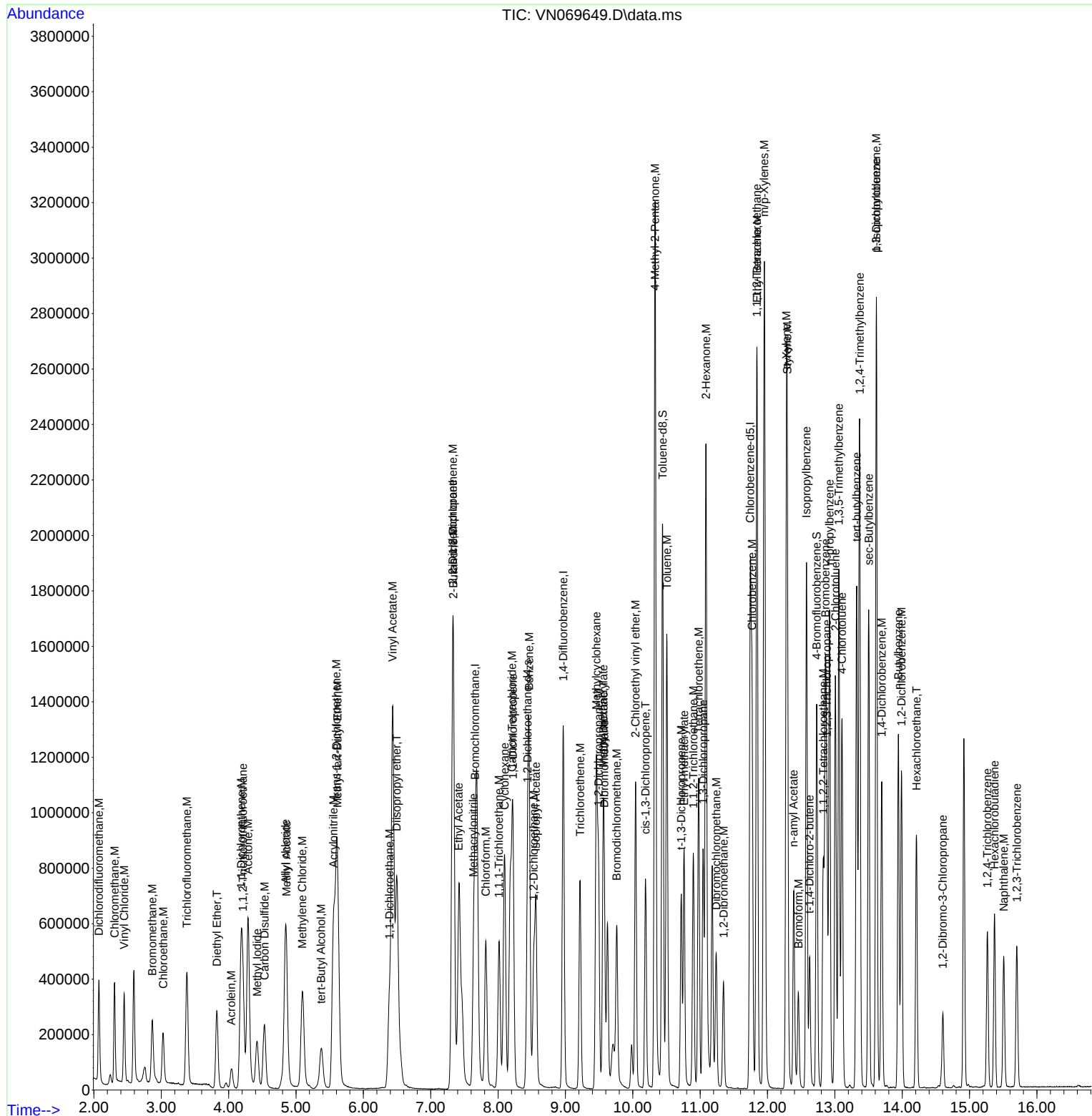
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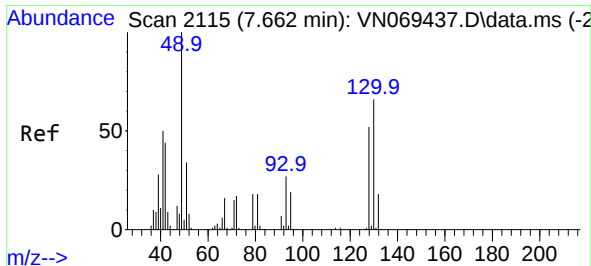
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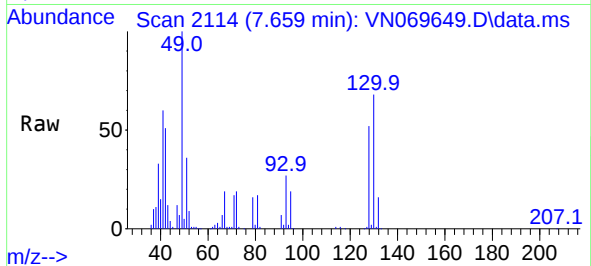
Reviewed By : John Carlone 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069649.D
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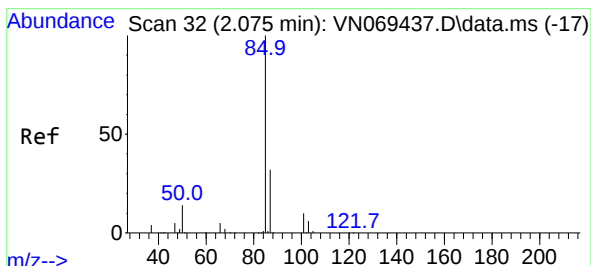
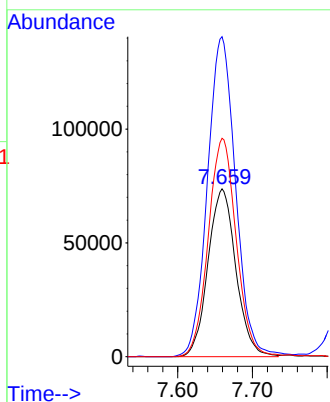
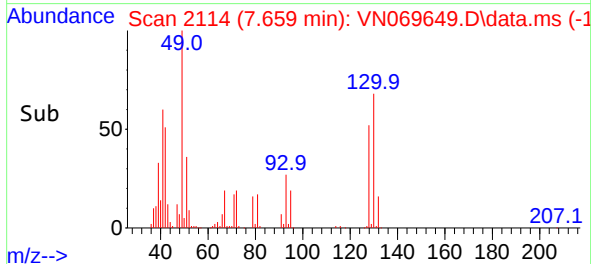
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MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 191054
Ion Ratio Lower Upper
128 100
49 192.9 0.0 392.3
130 130.2 0.0 320.2

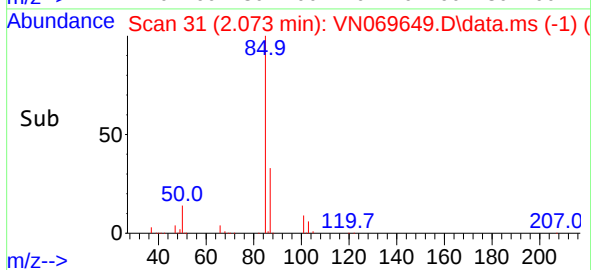
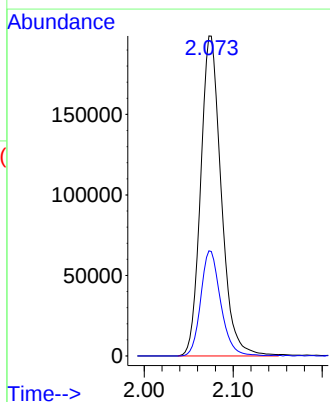
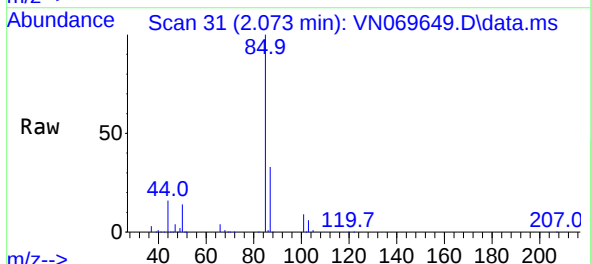
Manual Integrations
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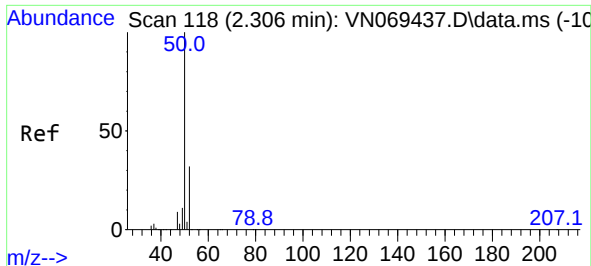
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#2
Dichlorodifluoromethane
Concen: 22.602 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

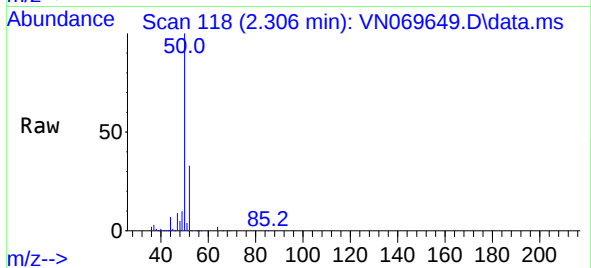
Tgt Ion: 85 Resp: 319082
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.7





#3
Chloromethane
Concen: 22.346 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

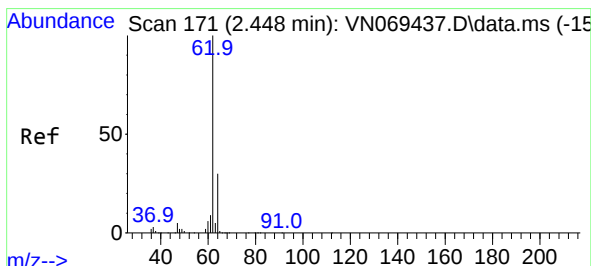
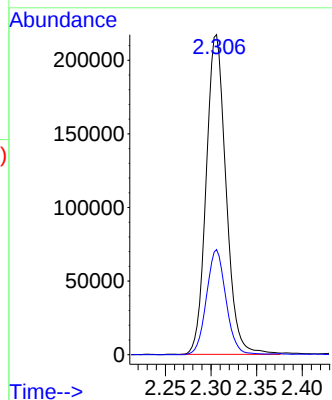
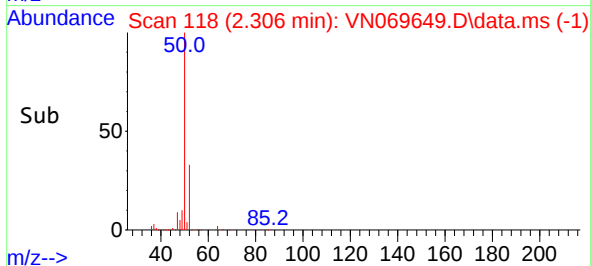
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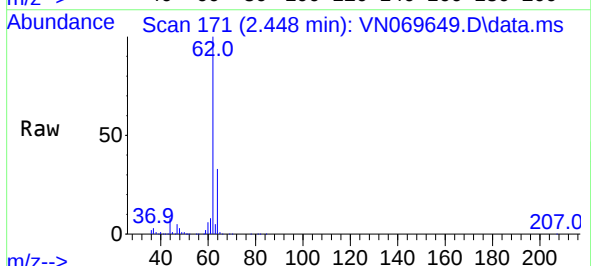
Tgt Ion: 50 Resp: 32893
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.6

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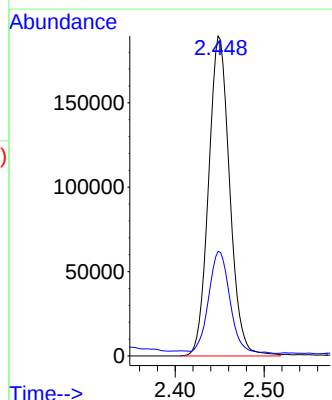
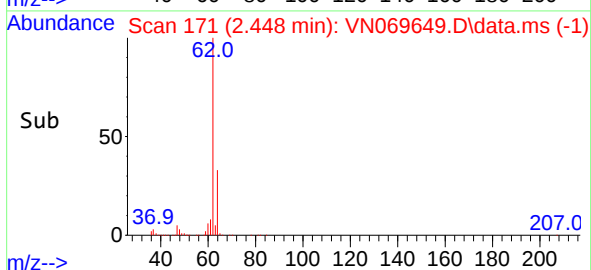
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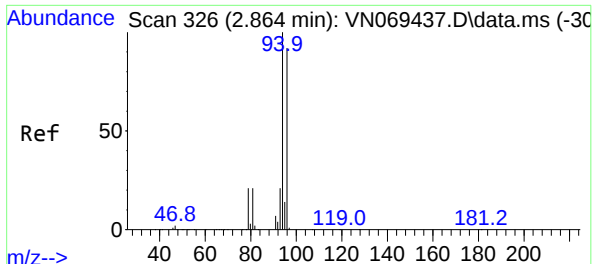


#4
Vinyl Chloride
Concen: 20.941 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



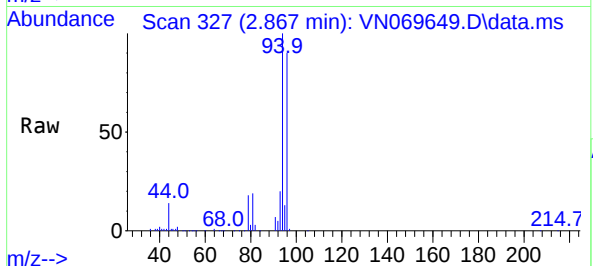
Tgt Ion: 62 Resp: 312557
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 18.916 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

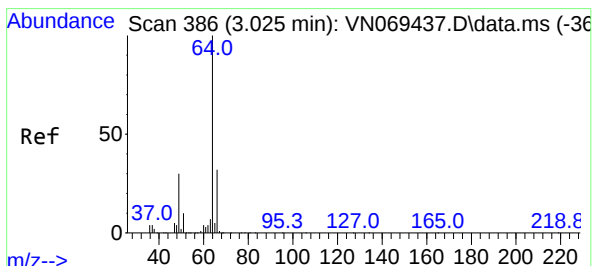
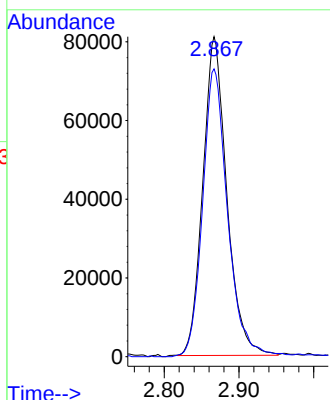
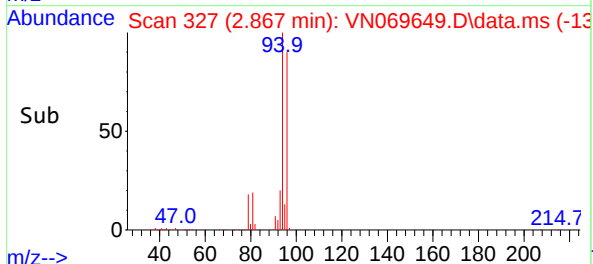
Instrument :
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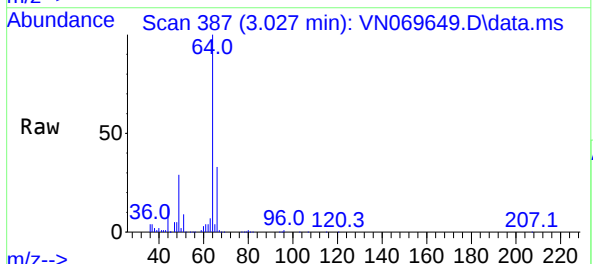
Tgt Ion: 94 Resp: 180810
Ion Ratio Lower Upper
94 100
96 89.8 75.2 112.8

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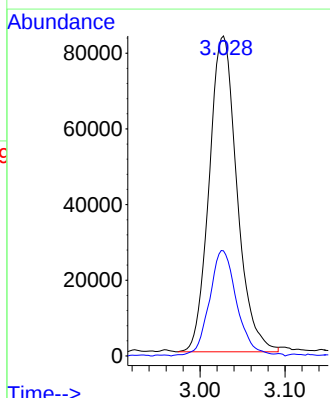
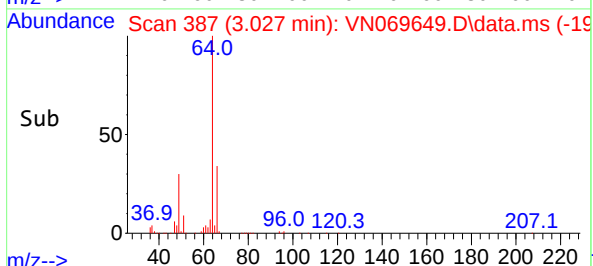
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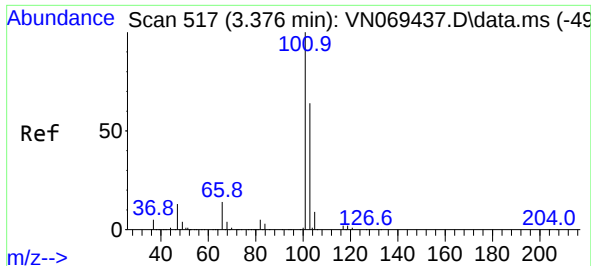


#6
Chloroethane
Concen: 20.130 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.003 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



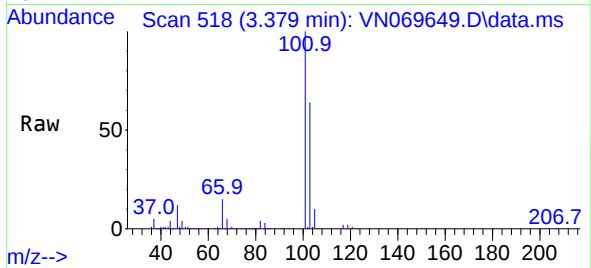
Tgt Ion: 64 Resp: 189563
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.448 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN069649.D
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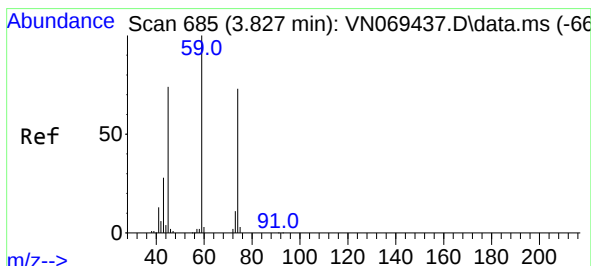
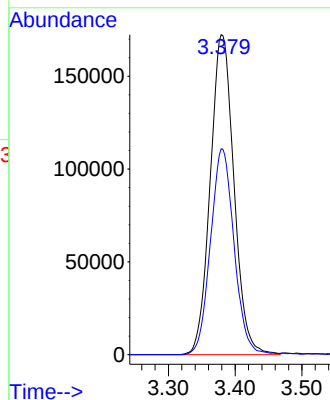
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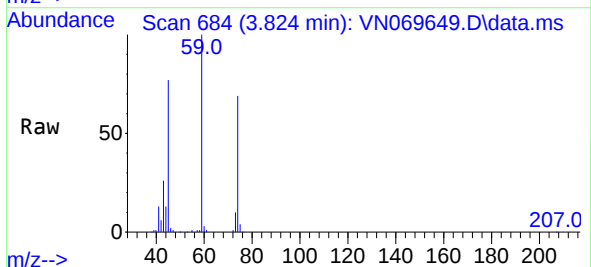
Tgt Ion:101 Resp: 42545
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

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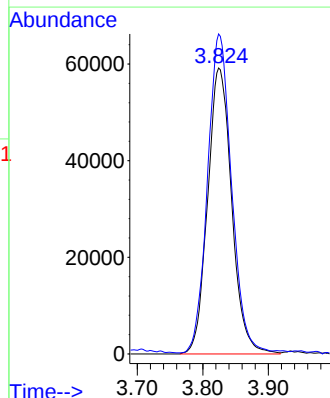
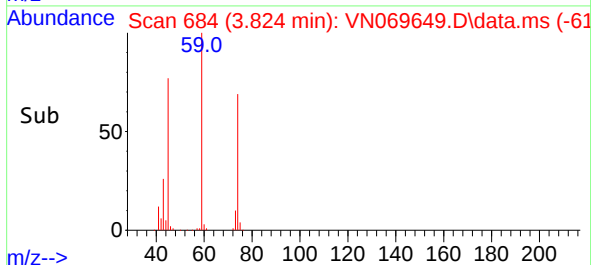
Reviewed By :John Carlone 11/29/2021
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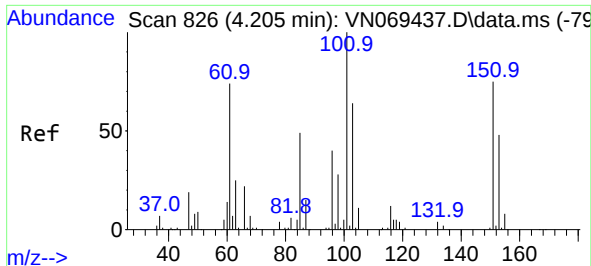


#8
Diethyl Ether
Concen: 21.873 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN069649.D
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Tgt Ion: 74 Resp: 151043
Ion Ratio Lower Upper
74 100
45 110.8 17.6 158.8





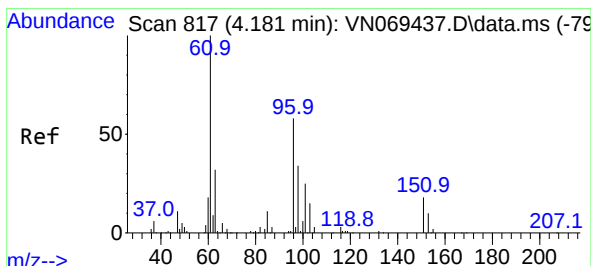
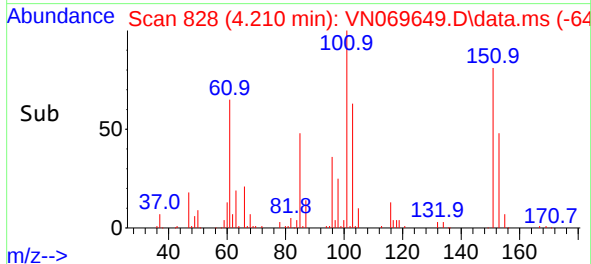
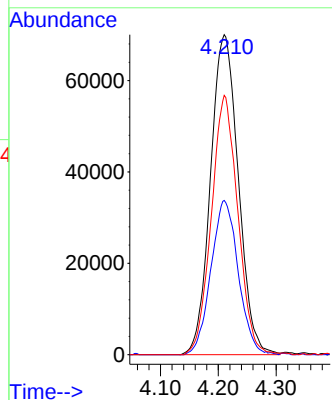
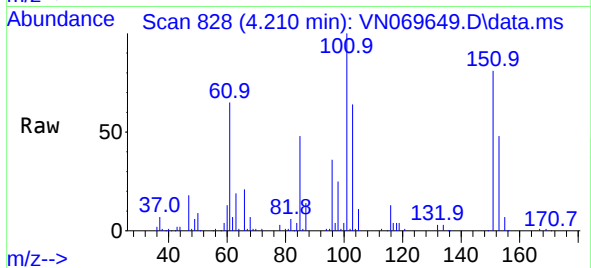
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.145 ug/l m
RT: 4.210 min Scan# 81
Delta R.T. -0.011 min
Lab File: VN069649.D
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Tgt Ion:101 Resp: 234298
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.0 0.0 74.6

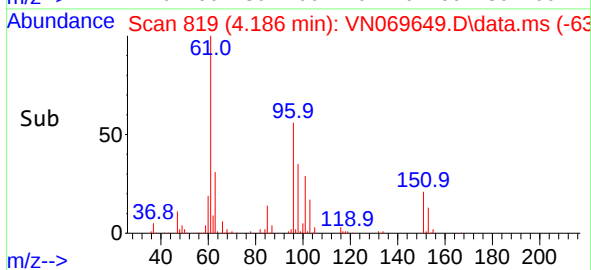
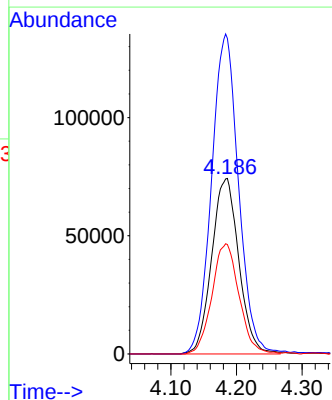
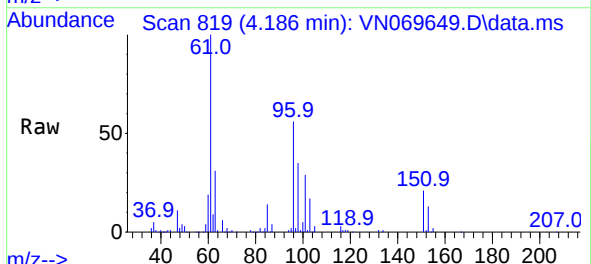
Manual Integrations
APPROVED

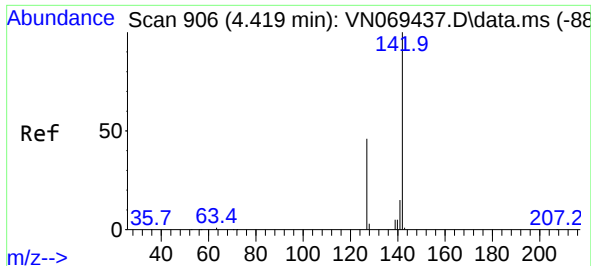
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#10
1,1-Dichloroethene
Concen: 22.367 ug/l
RT: 4.186 min Scan# 819
Delta R.T. -0.005 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

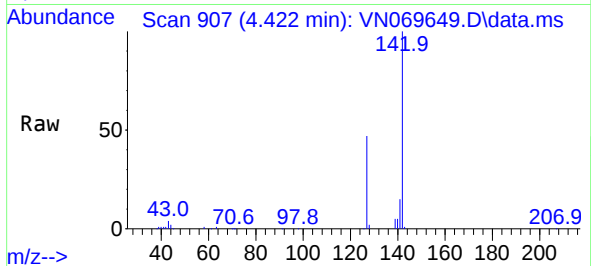
Tgt Ion: 96 Resp: 213553
Ion Ratio Lower Upper
96 100
61 179.8 126.2 189.4
98 62.4 50.9 76.3





#11
Methyl Iodide
Concen: 21.876 ug/l
RT: 4.422 min Scan# 906
Delta R.T. -0.008 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

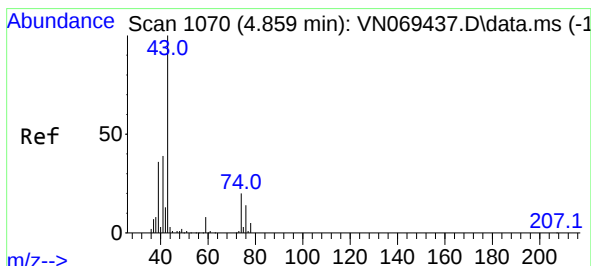
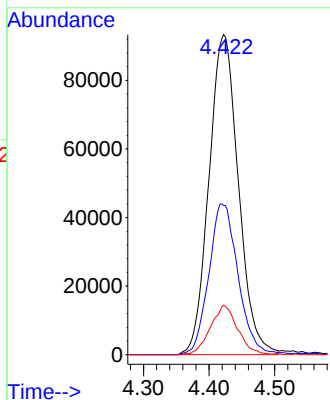
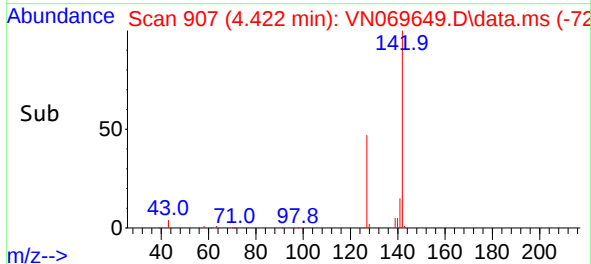
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 29100
Ion Ratio Lower Upper
142 100
127 46.6 24.0 72.0
141 15.4 8.4 25.2

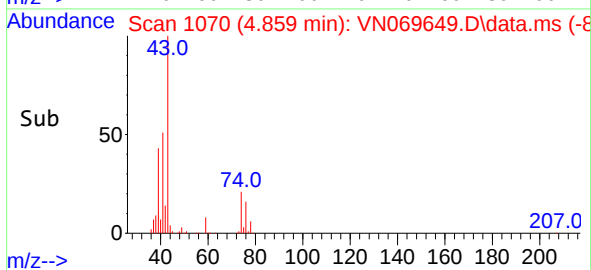
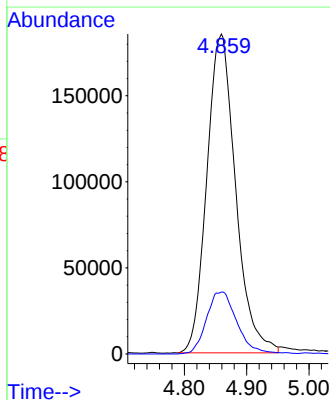
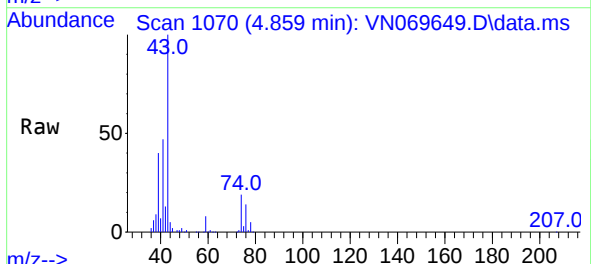
Manual Integrations
APPROVED

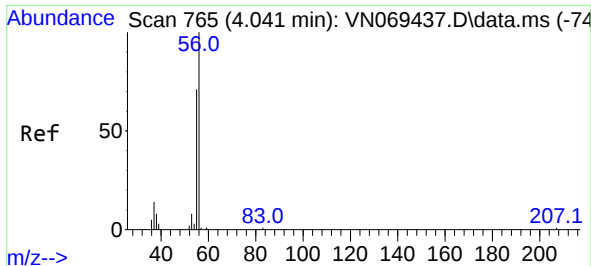
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#12
Methyl Acetate
Concen: 21.635 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

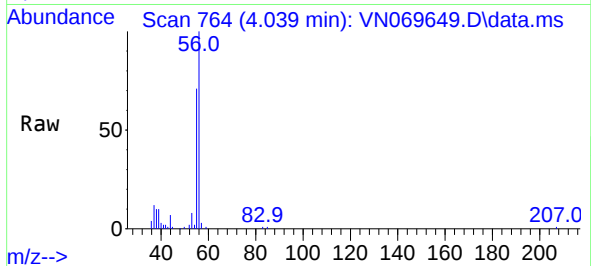
Tgt Ion: 43 Resp: 594889
Ion Ratio Lower Upper
43 100
74 19.4 20.8 31.2#





#13
Acrolein
Concen: 118.667 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.008 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

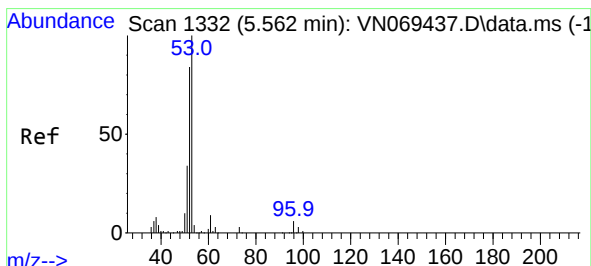
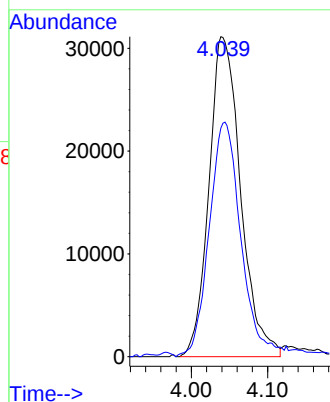
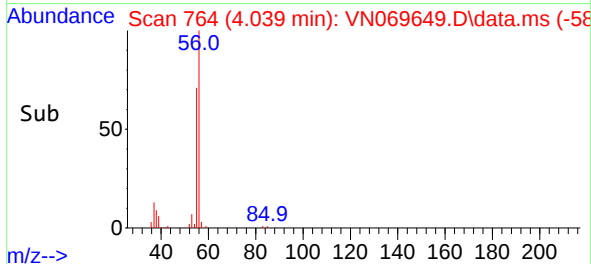
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 89712
Ion Ratio Lower Upper
56 100
55 71.8 57.6 86.4

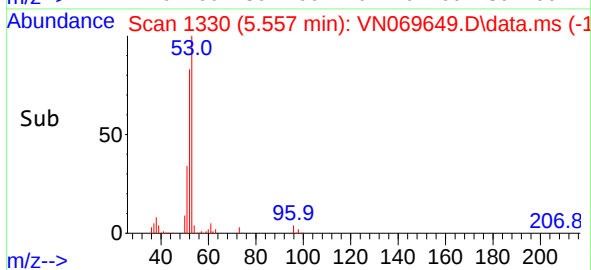
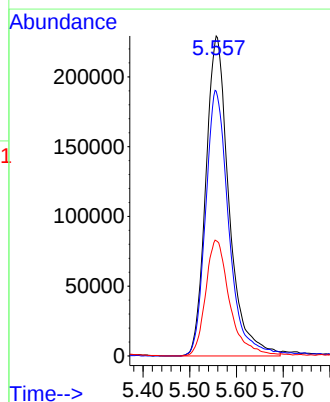
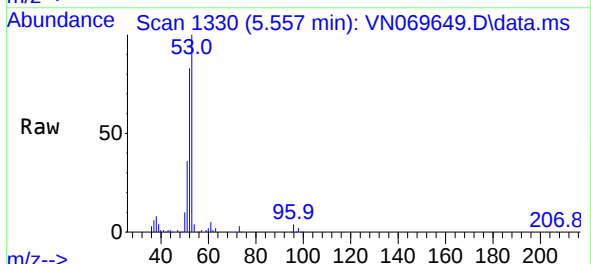
Manual Integrations
APPROVED

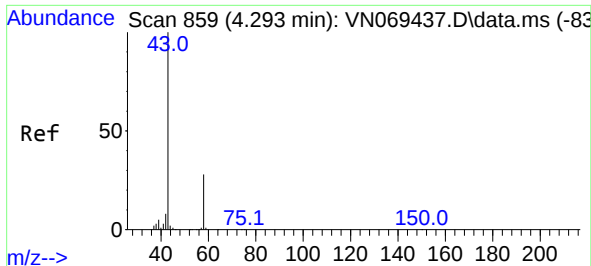
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#14
Acrylonitrile
Concen: 105.311 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

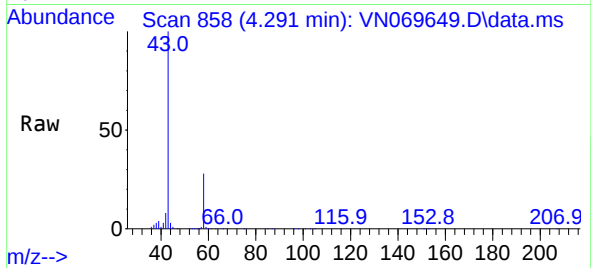
Tgt Ion: 53 Resp: 790007
Ion Ratio Lower Upper
53 100
52 82.4 41.8 125.4
51 37.5 19.0 57.0





#15
Acetone
Concen: 127.594 ug/l
RT: 4.291 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

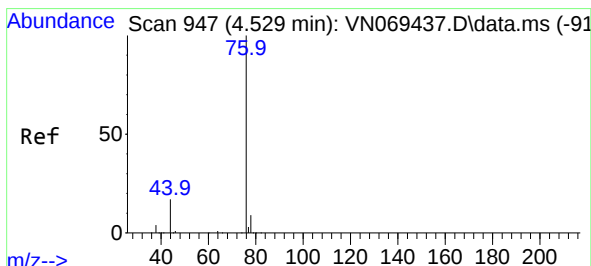
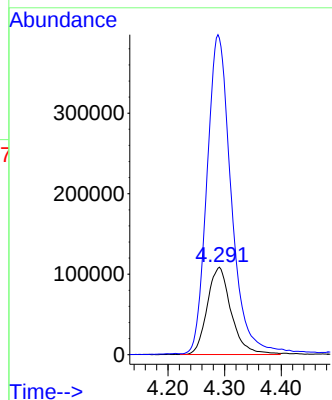
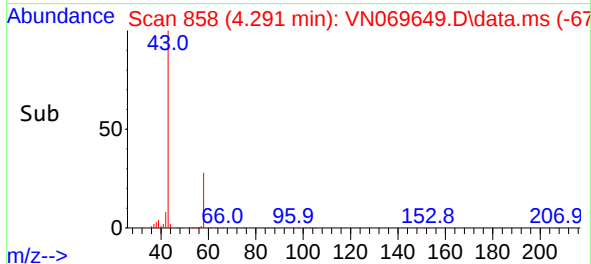
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



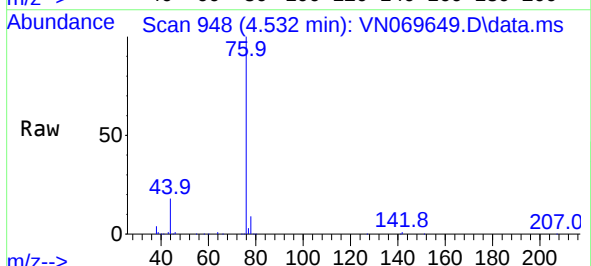
Tgt Ion: 58 Resp: 318940
Ion Ratio Lower Upper
58 100
43 360.9 256.6 384.8

Manual Integrations
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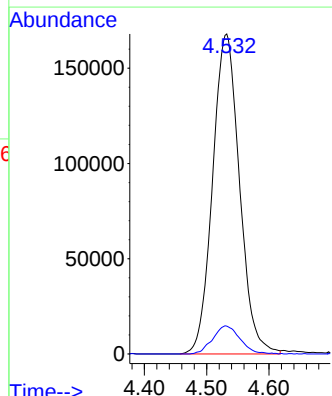
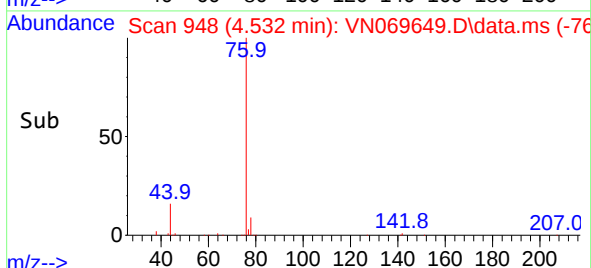
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

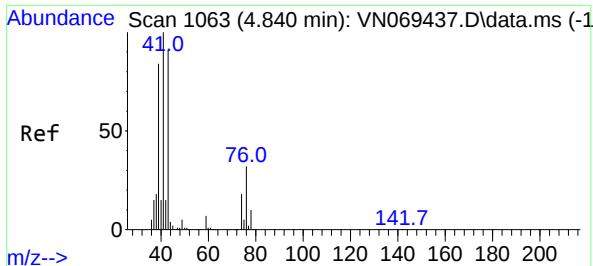


#16
Carbon Disulfide
Concen: 21.129 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.005 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



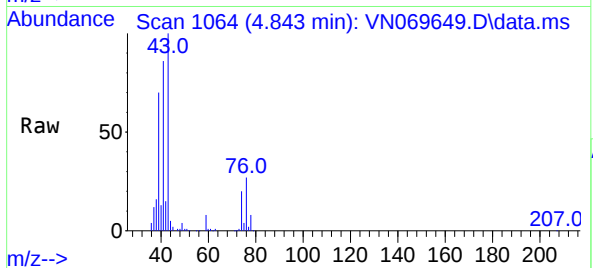
Tgt Ion: 76 Resp: 504247
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8





#17
 Allyl chloride
 Concen: 22.178 ug/l
 RT: 4.843 min Scan# 1063
 Delta R.T. -0.002 min
 Lab File: VN069649.D
 Acq: 26 Nov 2021 10:22

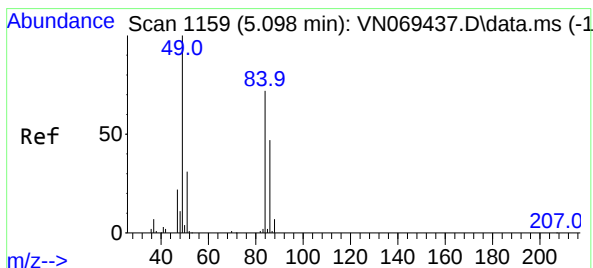
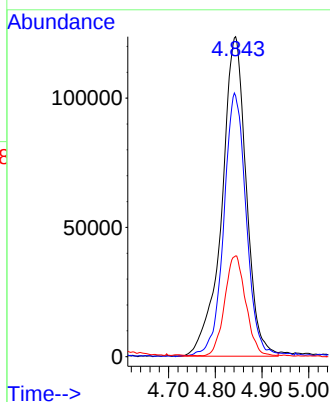
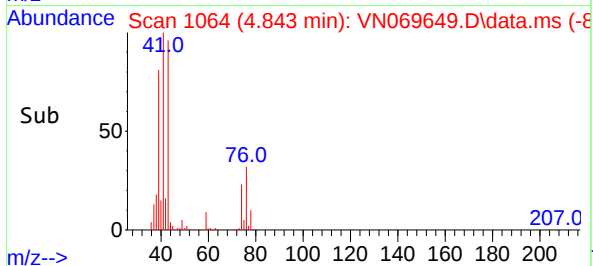
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 45004
 Ion Ratio Lower Upper
 41 100
 39 81.4 44.6 134.0
 76 31.1 19.6 58.7

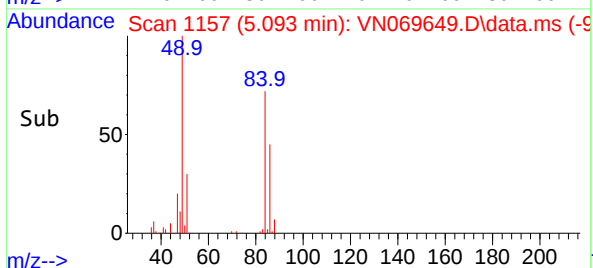
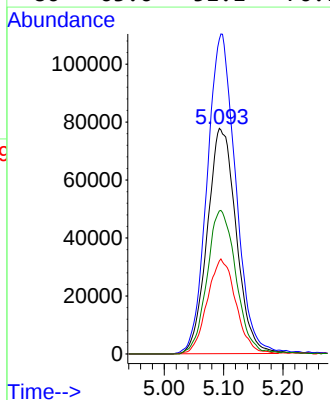
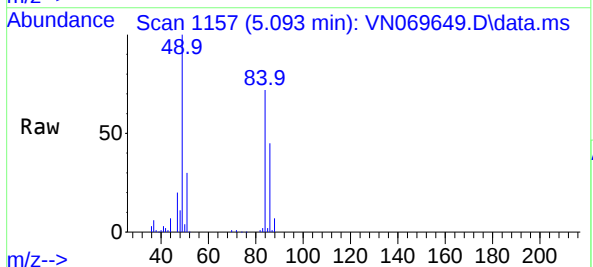
Manual Integrations
 APPROVED

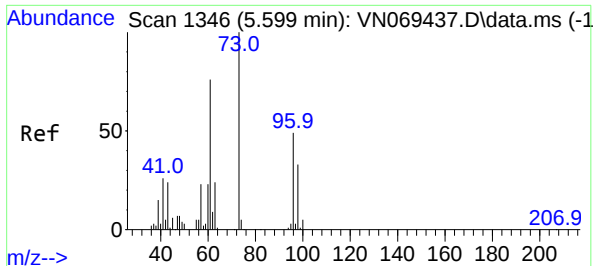
Reviewed By :John Carlone 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#18
 Methylene Chloride
 Concen: 21.573 ug/l
 RT: 5.093 min Scan# 1157
 Delta R.T. -0.008 min
 Lab File: VN069649.D
 Acq: 26 Nov 2021 10:22

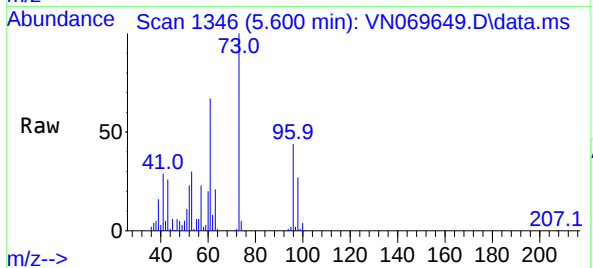
Tgt Ion: 84 Resp: 262401
 Ion Ratio Lower Upper
 84 100
 49 139.3 91.4 137.0#
 51 41.1 29.4 44.0
 86 63.6 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 21.983 ug/l
RT: 5.600 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

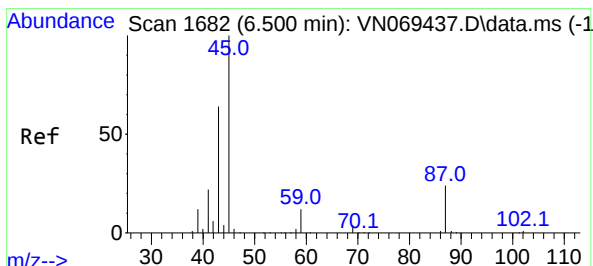
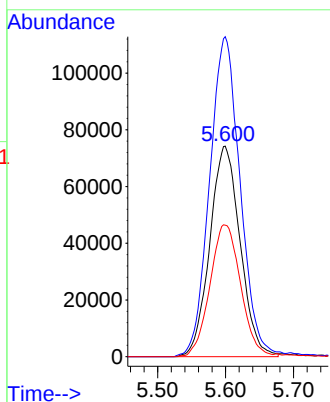
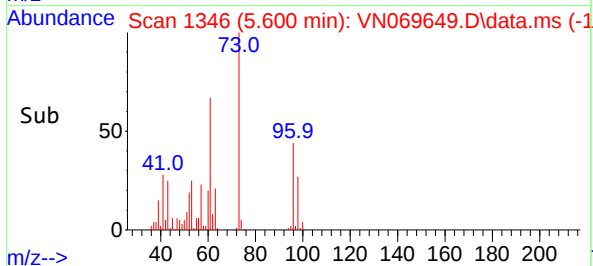
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



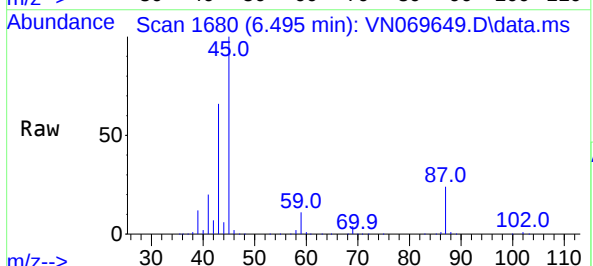
Tgt Ion: 96 Resp: 230324
Ion Ratio Lower Upper
96 100
61 151.2 102.8 154.2
98 62.3 49.3 73.9

Manual Integrations
APPROVED

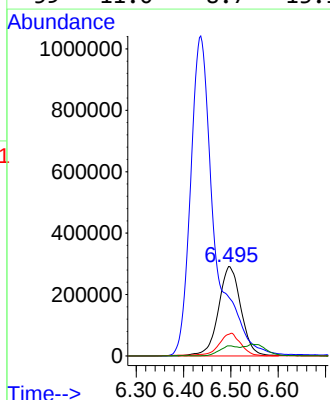
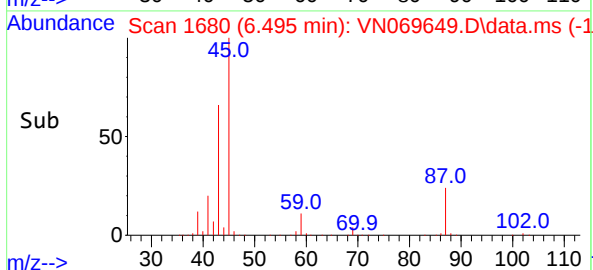
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

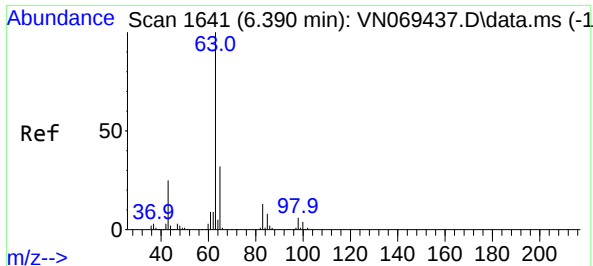


#20
Diisopropyl ether
Concen: 22.056 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



Tgt Ion: 45 Resp: 959048
Ion Ratio Lower Upper
45 100
43 63.6 51.0 76.4
87 24.0 25.0 37.4#
59 11.0 8.7 13.1





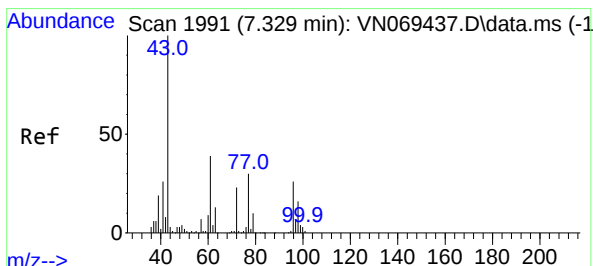
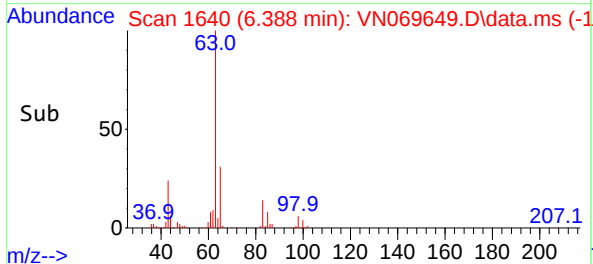
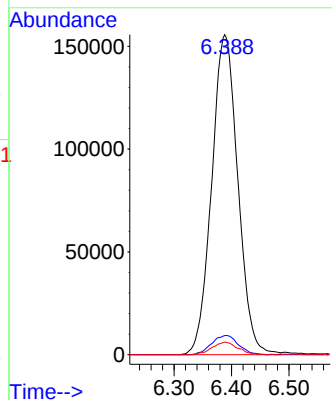
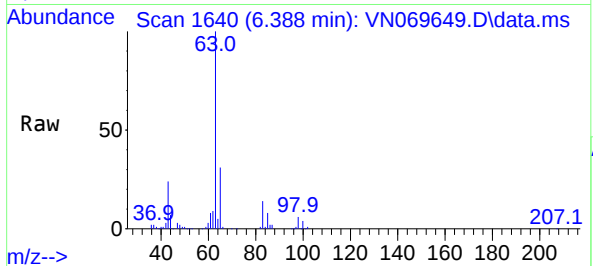
#21
1,1-Dichloroethane
Concen: 22.326 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.005 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 492490
Ion Ratio Lower Upper
63 100
98 6.0 3.2 9.6
100 3.9 2.1 6.2

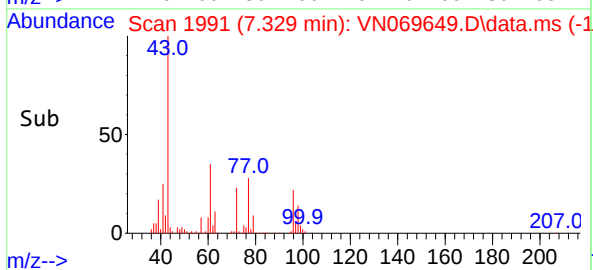
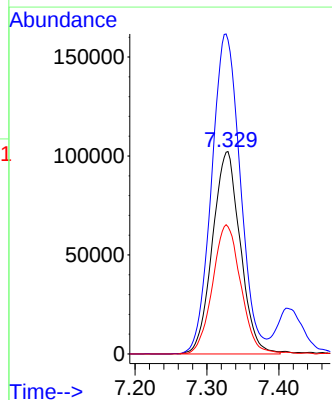
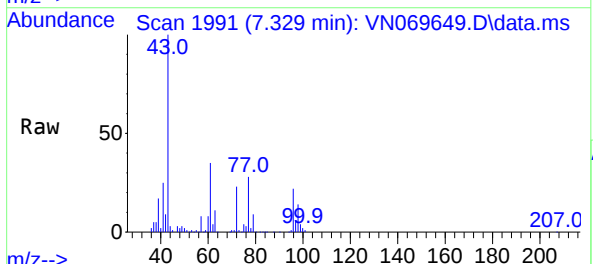
Manual Integrations
APPROVED

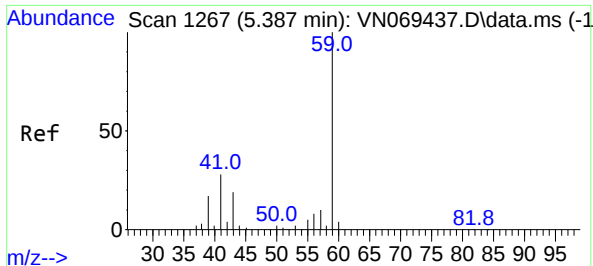
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#22
cis-1,2-Dichloroethene
Concen: 21.135 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 96 Resp: 274641
Ion Ratio Lower Upper
96 100
61 163.0 115.7 173.5
98 64.1 51.6 77.4





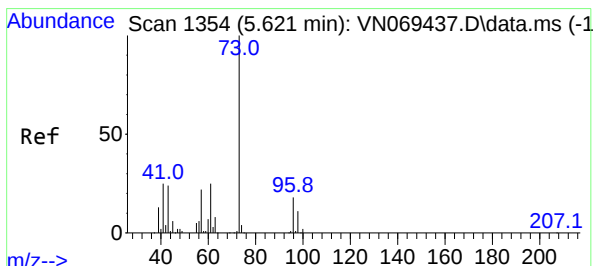
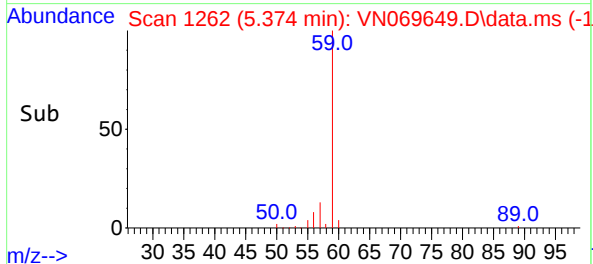
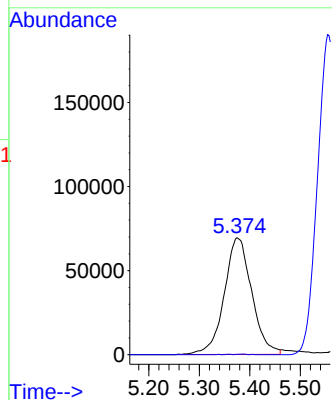
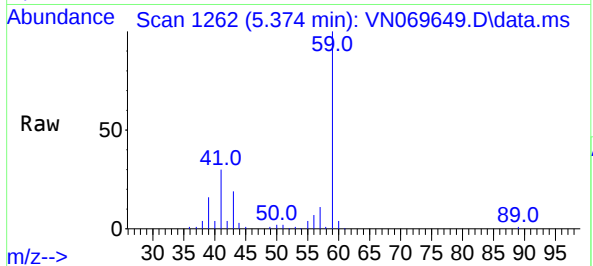
#23
tert-Butyl Alcohol
Concen: 100.585 ug/l
RT: 5.374 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 262604
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

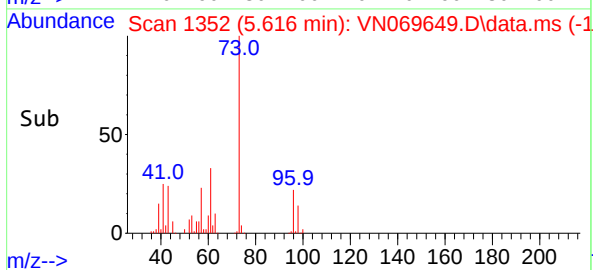
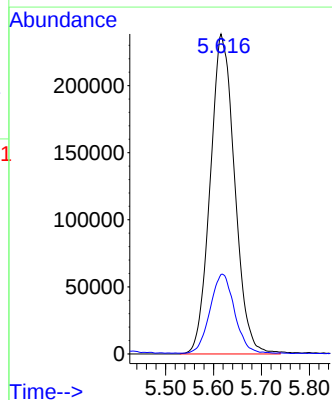
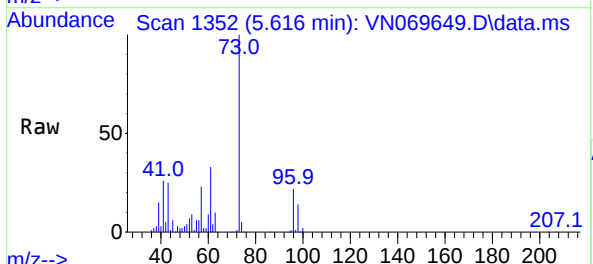
Manual Integrations
APPROVED

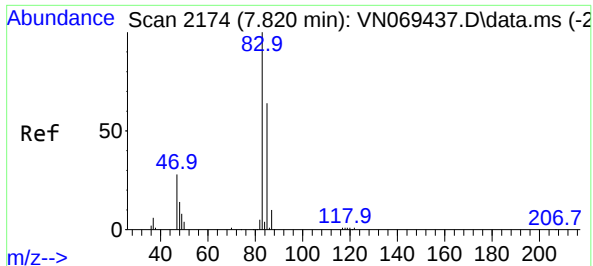
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#24
Methyl tert-Butyl Ether
Concen: 22.056 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.005 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

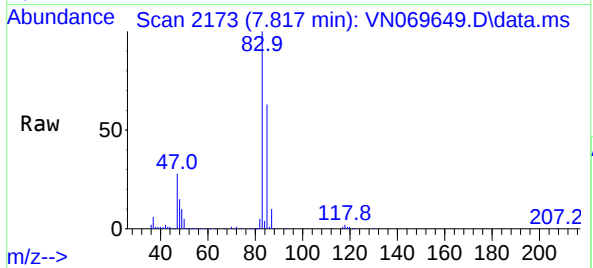
Tgt Ion: 73 Resp: 843961
Ion Ratio Lower Upper
73 100
43 24.6 18.1 27.1





#25
Chloroform
Concen: 22.024 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

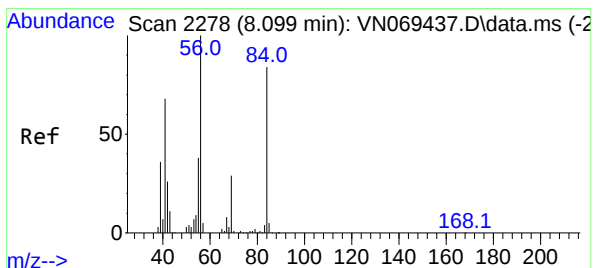
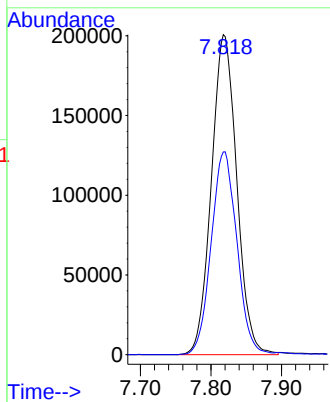
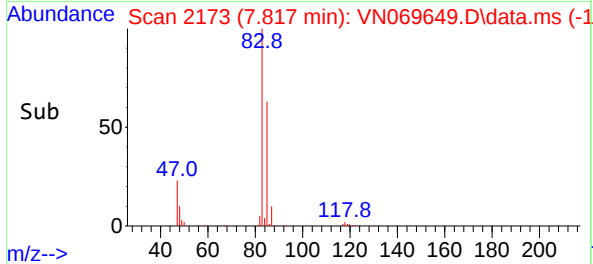
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 50234
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9

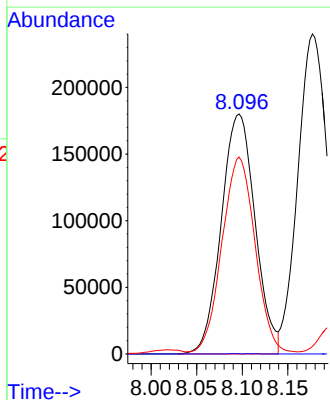
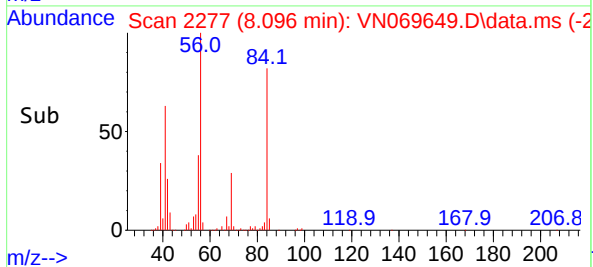
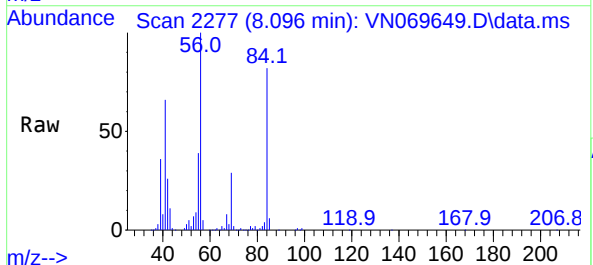
Manual Integrations
APPROVED

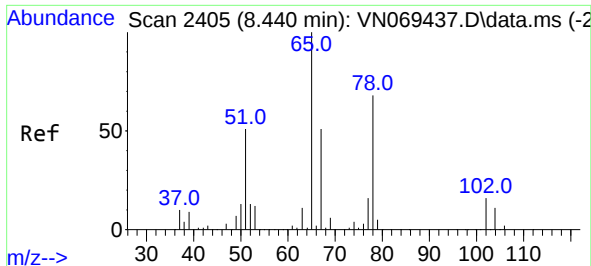
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Cyclohexane
Concen: 22.282 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 56 Resp: 466674
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 80.7 74.6 111.8





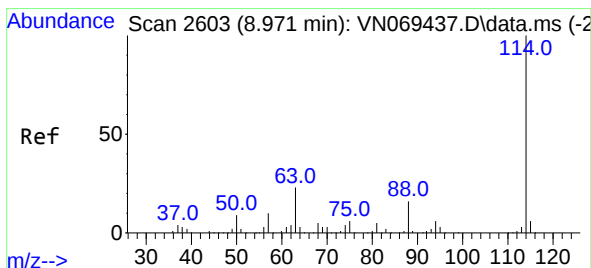
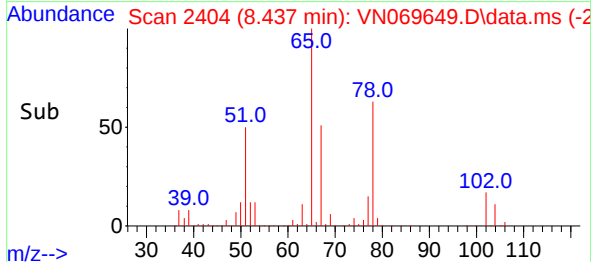
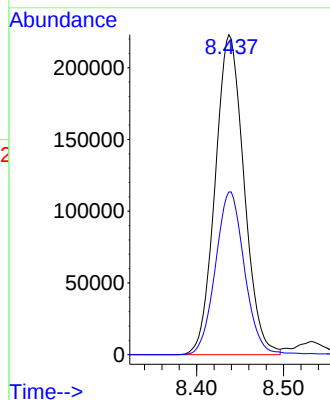
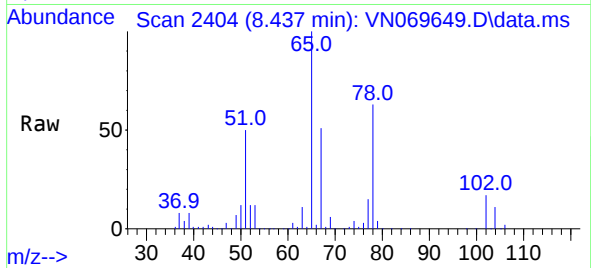
#27
1,2-Dichloroethane-d4
Concen: 30.999 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 513648
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.2

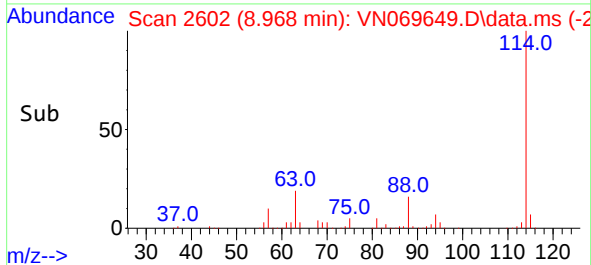
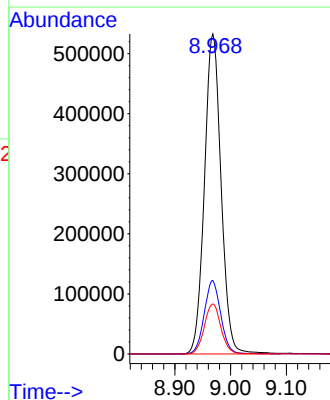
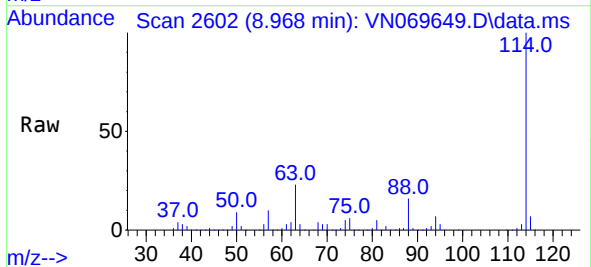
Manual Integrations
APPROVED

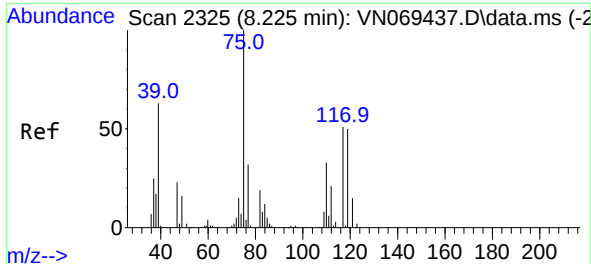
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion:114 Resp: 1106776
Ion Ratio Lower Upper
114 100
63 22.7 15.8 23.6
88 15.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 21.575 ug/l
RT: 8.222 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

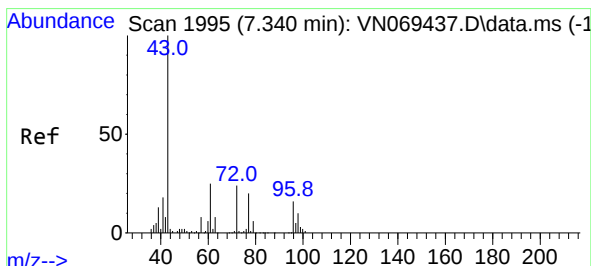
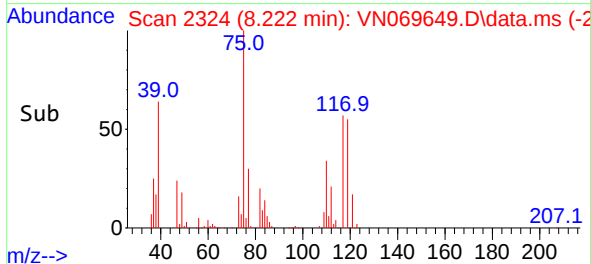
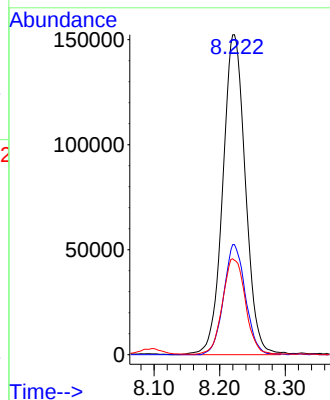
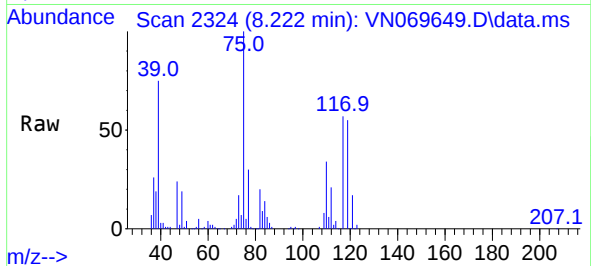
VSTDCCC020

Tgt Ion: 75 Resp: 36450
Ion Ratio Lower Upper
75 100
110 33.1 0.0 74.2
77 30.0 0.0 63.2

Manual Integrations

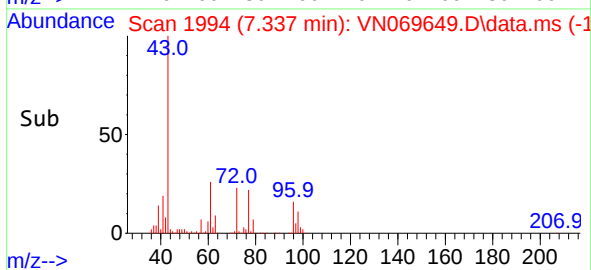
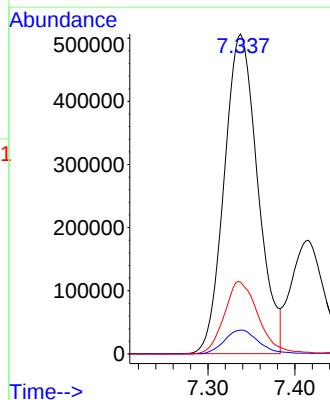
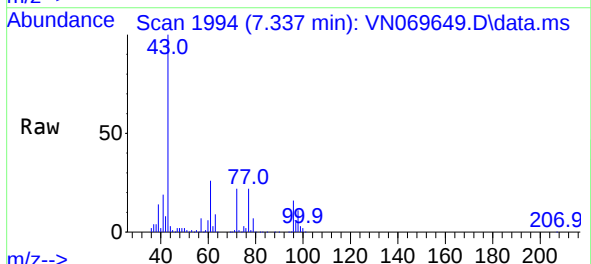
APPROVED

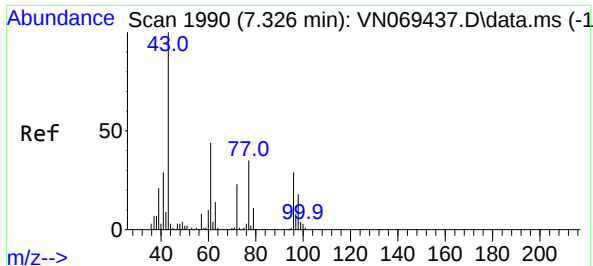
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
2-Butanone
Concen: 110.525 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

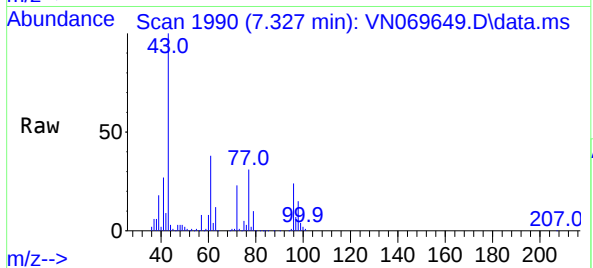
Tgt Ion: 43 Resp: 1351612
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 23.2 23.2 34.8





#31
2,2-Dichloropropane
Concen: 21.329 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

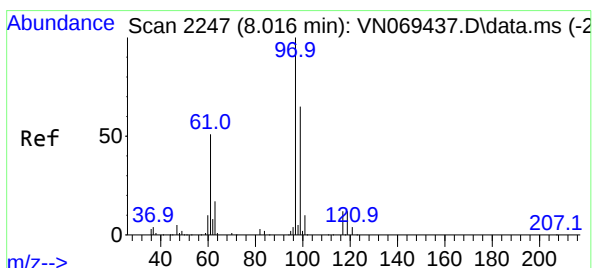
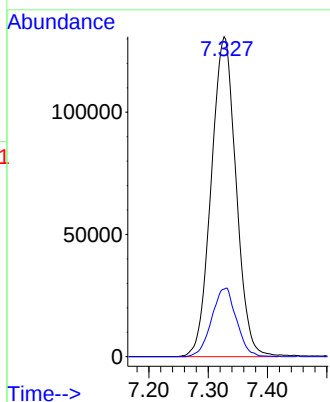
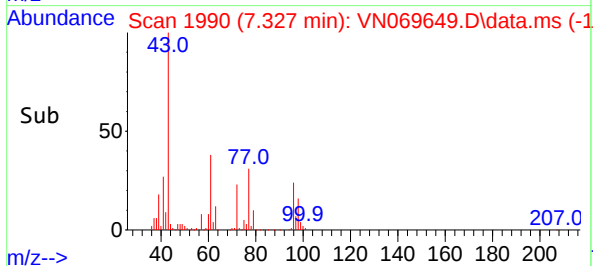
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



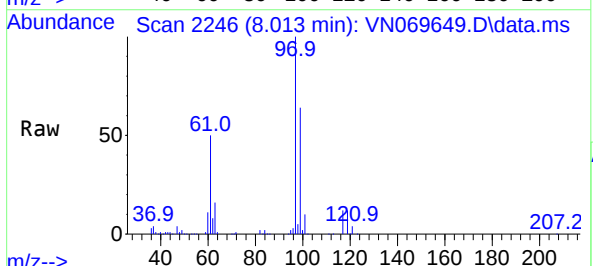
Tgt Ion: 77 Resp: 38096
Ion Ratio Lower Upper
77 100
97 21.4 18.3 27.5

Manual Integrations
APPROVED

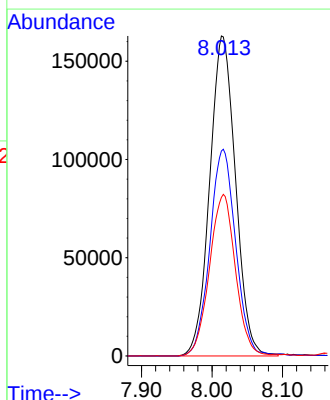
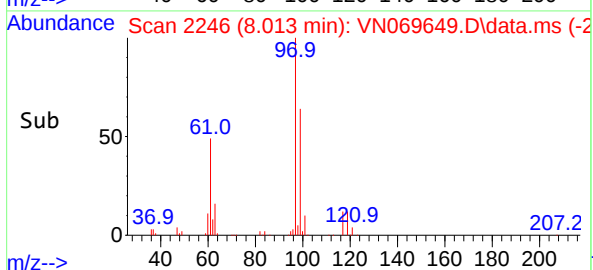
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

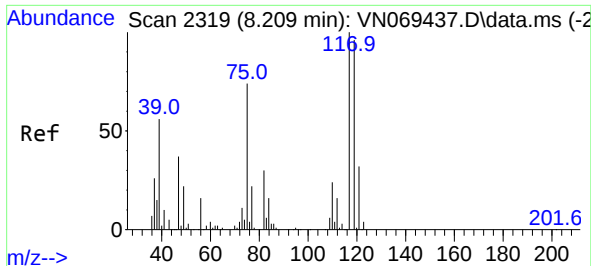


#32
1,1,1-Trichloroethane
Concen: 21.012 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



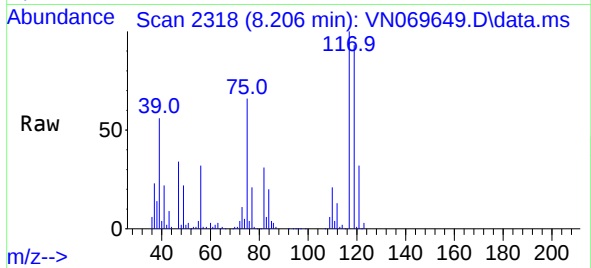
Tgt Ion: 97 Resp: 414426
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 50.8 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.100 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

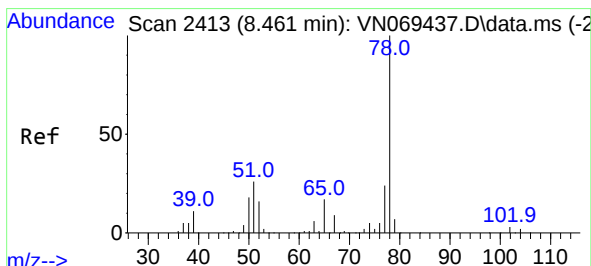
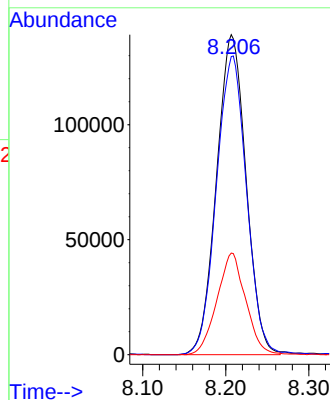
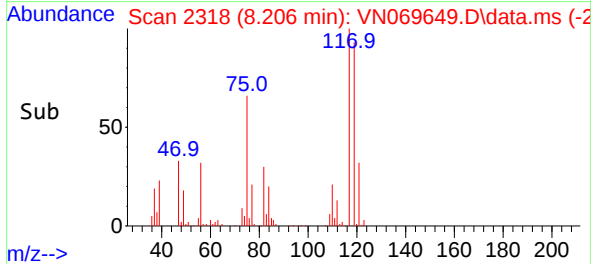
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



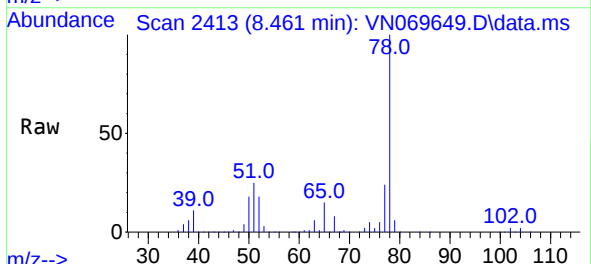
Tgt Ion: 117 Resp: 34371
Ion Ratio Lower Upper
117 100
119 93.0 77.5 116.3
121 31.8 23.5 35.3

Manual Integrations
APPROVED

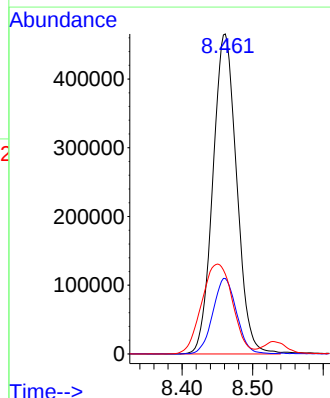
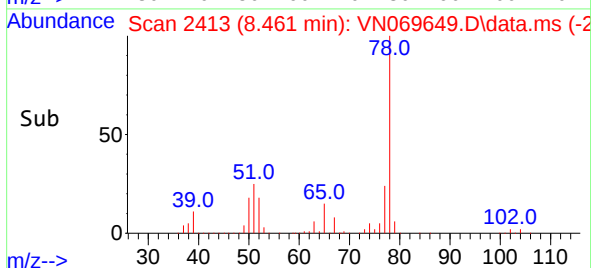
Reviewed By : John Carlone 11/29/2021
Supervised By : Mahesh Dadoda 11/29/2021

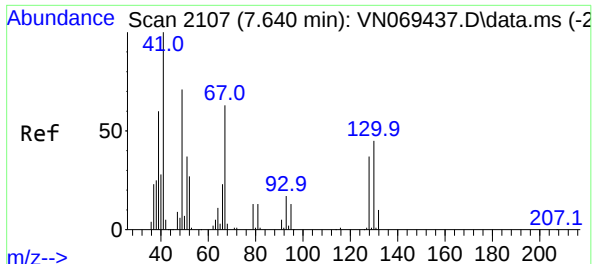


#34
Benzene
Concen: 21.258 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



Tgt Ion: 78 Resp: 1092171
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 24.5 16.0 24.0#





#35

Methacrylonitrile

Concen: 19.672 ug/l

RT: 7.635 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN069649.D

Acq: 26 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 22064

Ion Ratio Lower Upper

41 100

39 59.3 28.0 83.9

67 64.4 37.7 113.1

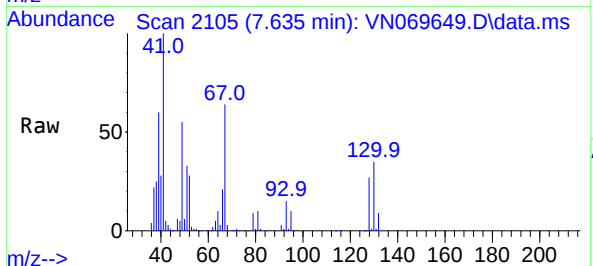
52 27.4 17.1 51.2

Manual Integrations

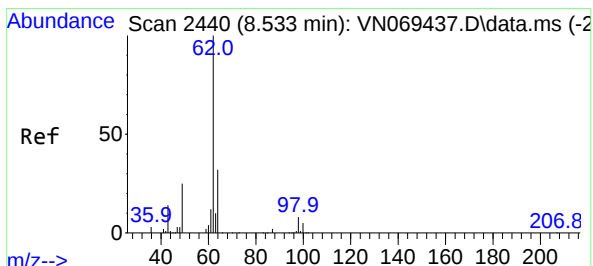
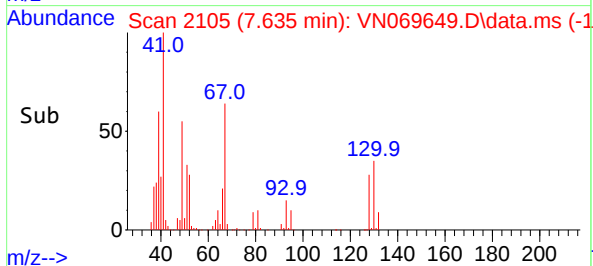
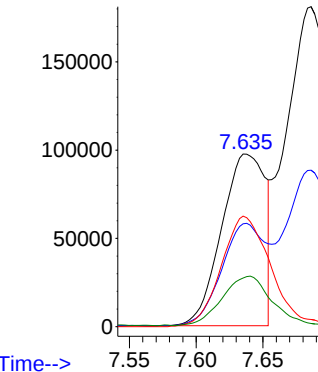
APPROVED

Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



Abundance



#36

1,2-Dichloroethane

Concen: 21.734 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.002 min

Lab File: VN069649.D

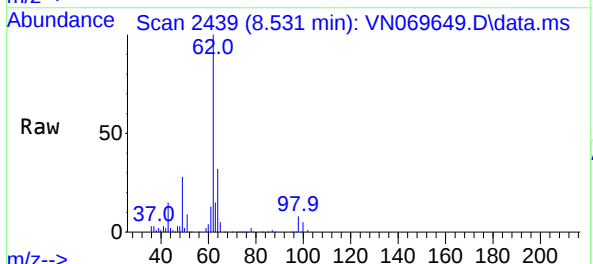
Acq: 26 Nov 2021 10:22

Tgt Ion: 62 Resp: 430499

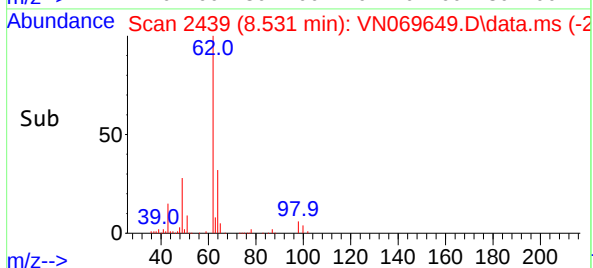
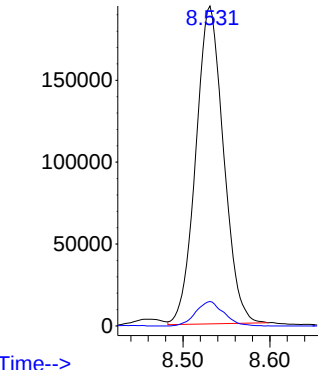
Ion Ratio Lower Upper

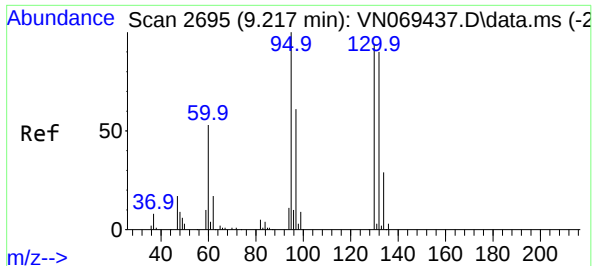
62 100

98 7.8 6.6 10.0



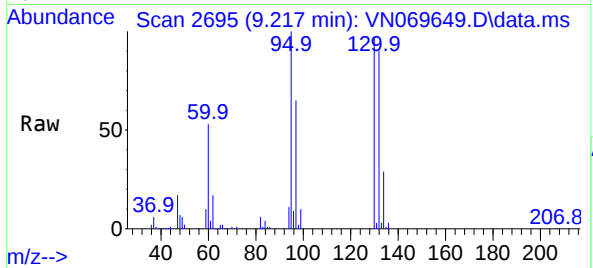
Abundance





#37
Trichloroethene
Concen: 21.114 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

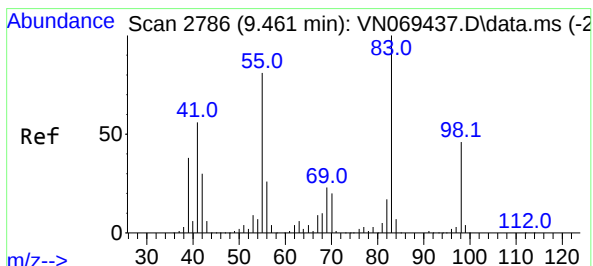
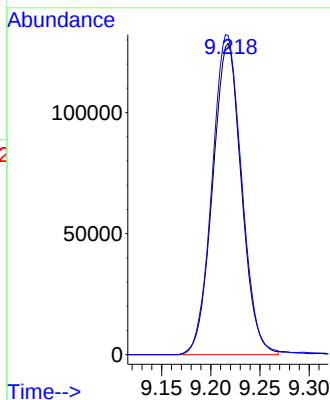
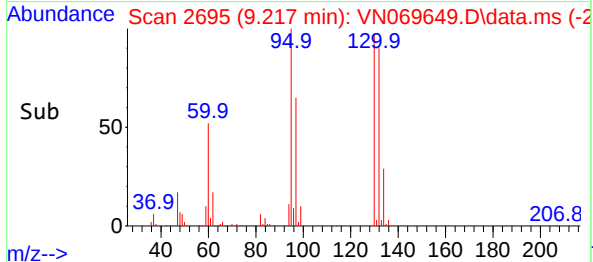
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



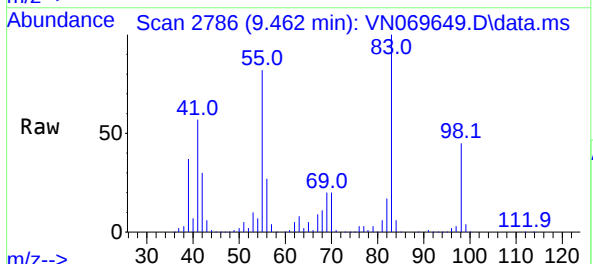
Tgt Ion:130 Resp: 262074
Ion Ratio Lower Upper
130 100
95 102.6 76.6 115.0

Manual Integrations
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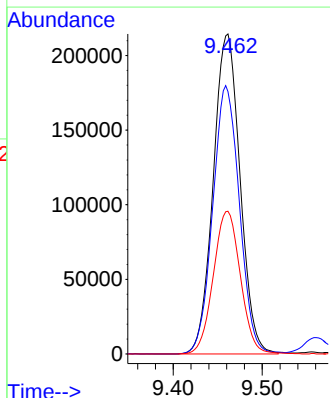
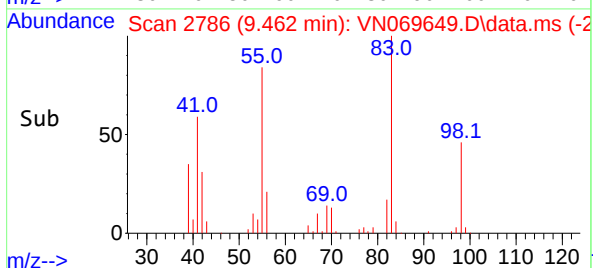
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

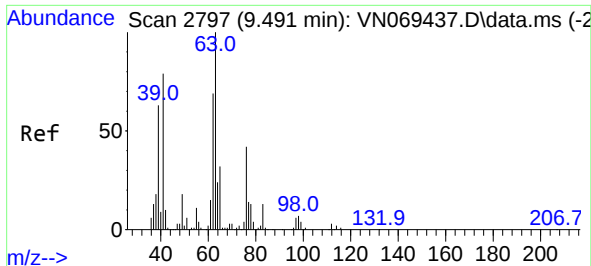


#38
Methylcyclohexane
Concen: 21.511 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



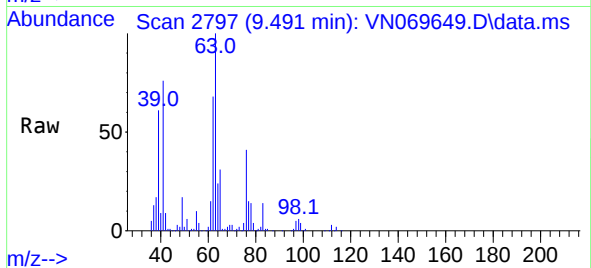
Tgt Ion: 83 Resp: 449631
Ion Ratio Lower Upper
83 100
55 83.4 35.1 105.3
98 45.0 23.4 70.2





#39
1,2-Dichloropropane
Concen: 21.737 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

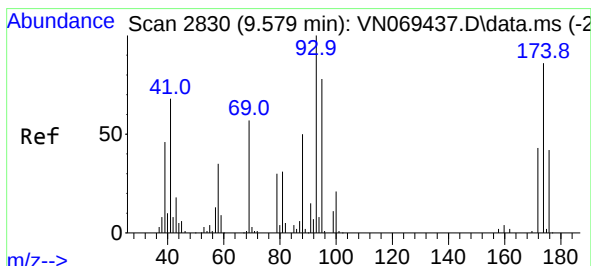
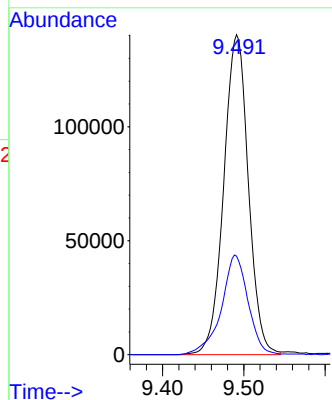
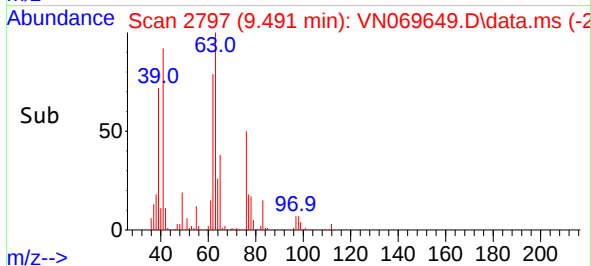
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



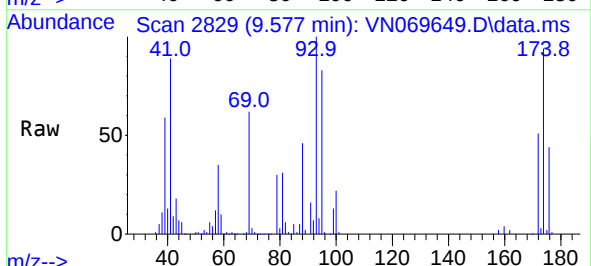
Tgt Ion: 63 Resp: 295778
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.4

Manual Integrations
APPROVED

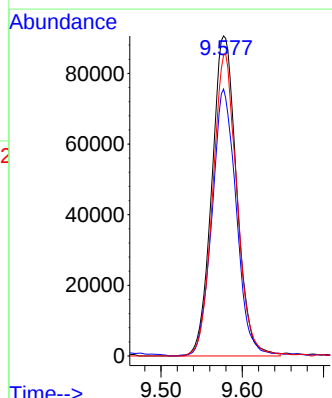
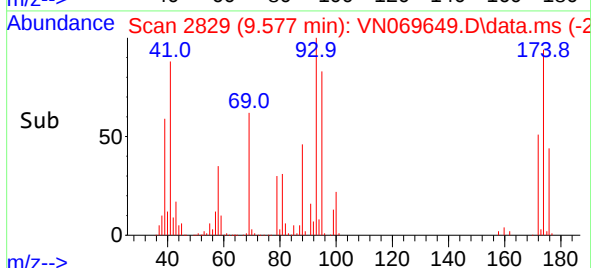
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

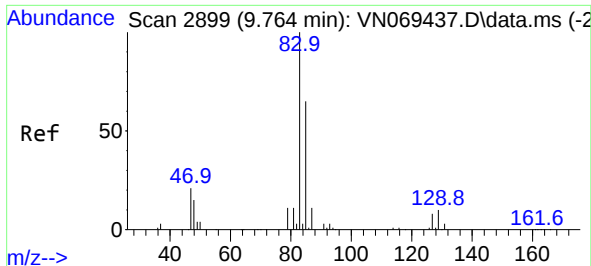


#40
Dibromomethane
Concen: 21.071 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



Tgt Ion: 93 Resp: 192028
Ion Ratio Lower Upper
93 100
95 81.0 0.0 168.8
174 92.5 0.0 173.6





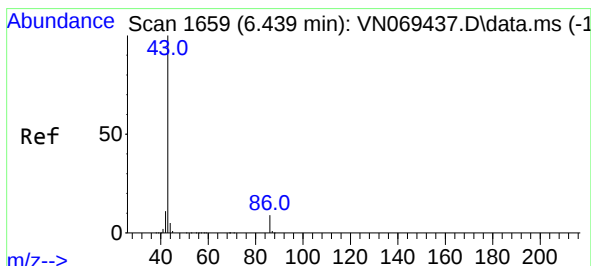
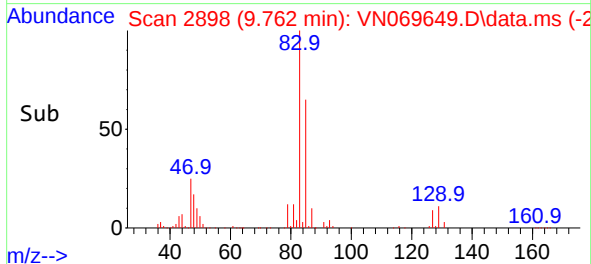
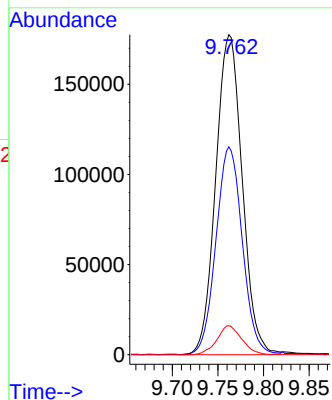
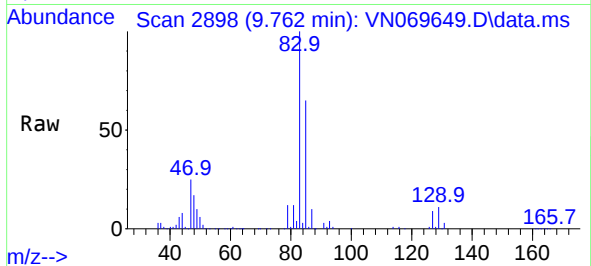
#41
Bromodichloromethane
Concen: 20.986 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 358969
Ion Ratio Lower Upper
83 100
85 65.0 54.1 81.1
127 9.1 7.6 11.4

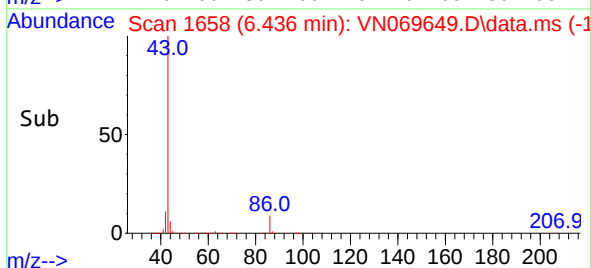
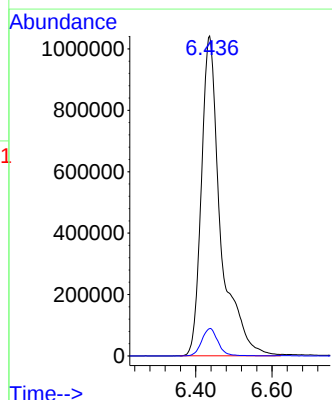
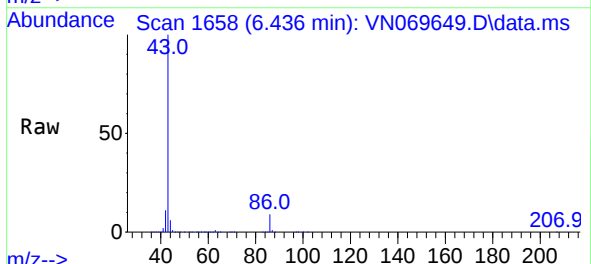
Manual Integrations
APPROVED

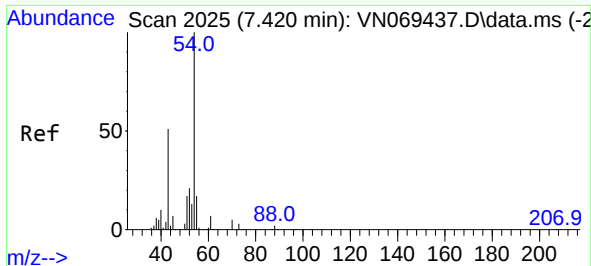
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Vinyl Acetate
Concen: 105.531 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 43 Resp: 3647093
Ion Ratio Lower Upper
43 100
86 7.3 7.5 11.3





#43

Ethyl Acetate

Concen: 19.667 ug/l

RT: 7.415 min Scan# 2025

Delta R.T. 0.003 min

Lab File: VN069649.D

Acq: 26 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 445709

Ion Ratio Lower Upper

43 100

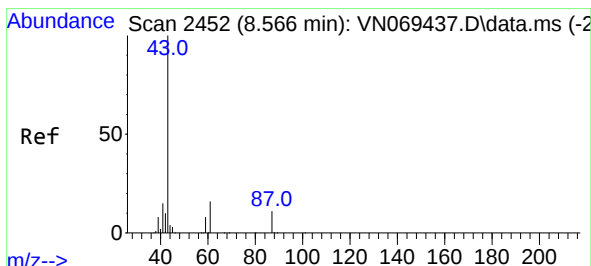
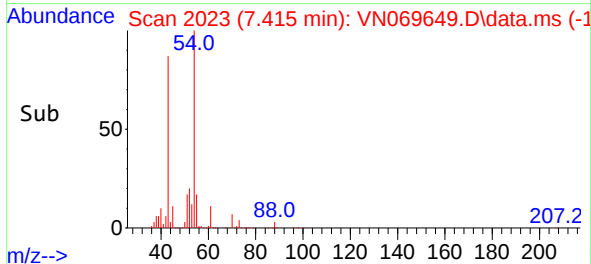
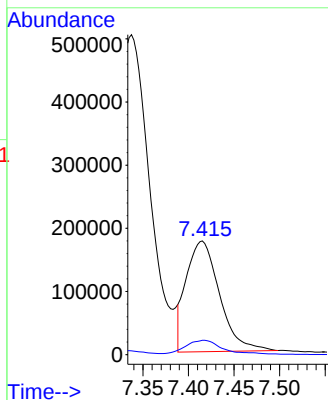
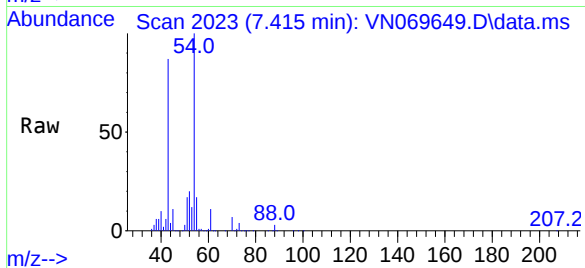
45 13.3 10.6 16.0

Manual Integrations

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Reviewed By :John Carlone 11/29/2021

Supervised By :Mahesh Dadoda 11/29/2021



#44

Isopropyl Acetate

Concen: 20.455 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN069649.D

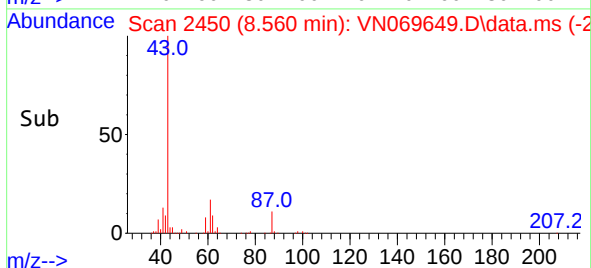
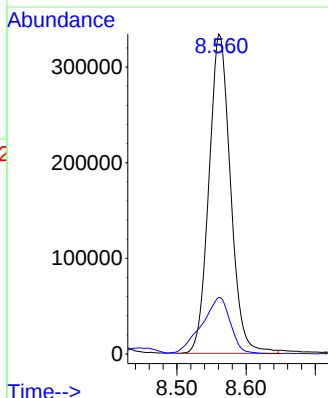
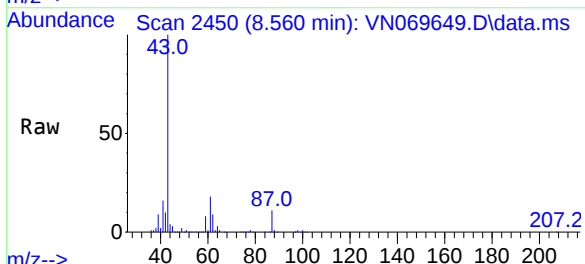
Acq: 26 Nov 2021 10:22

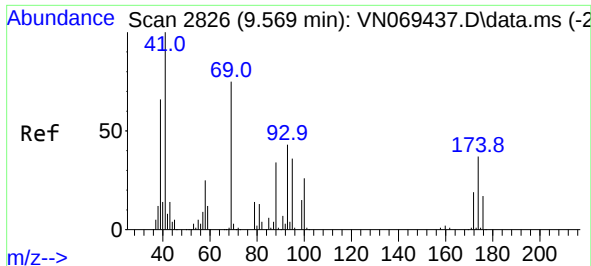
Tgt Ion: 43 Resp: 722711

Ion Ratio Lower Upper

43 100

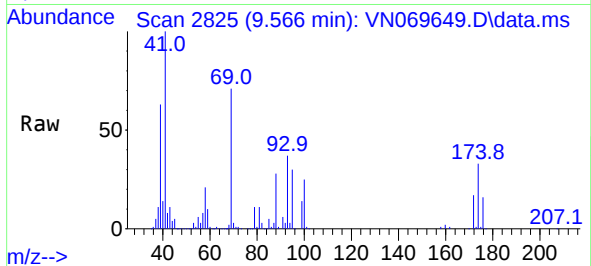
61 23.2 20.1 30.1





#45
1,4-Dioxane
Concen: 376.555 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

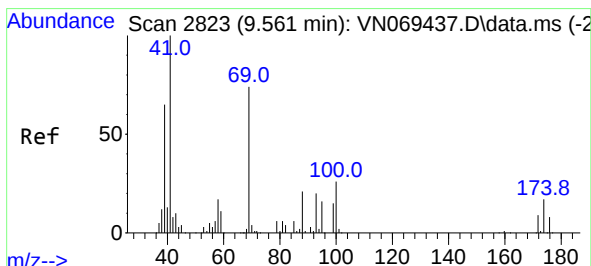
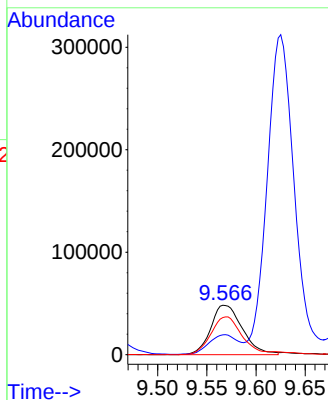
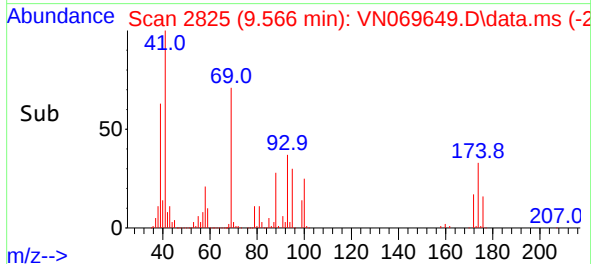
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



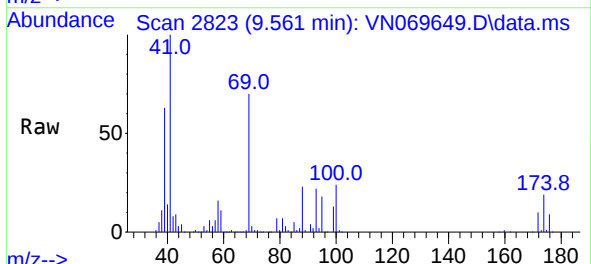
Tgt Ion: 88 Resp: 108000
Ion Ratio Lower Upper
88 100
43 36.9 25.0 37.6
58 74.9 49.4 74.2

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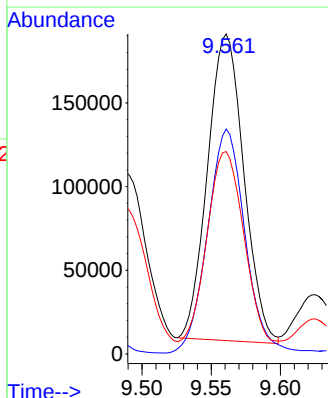
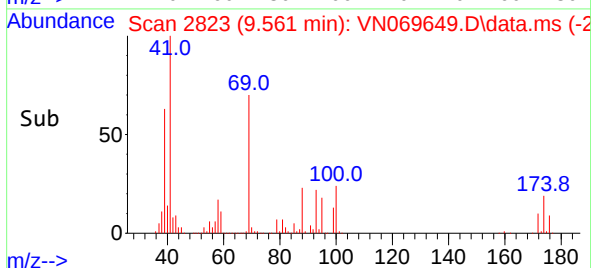
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

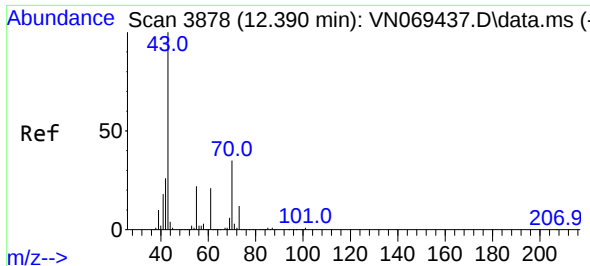


#46
Methyl methacrylate
Concen: 20.503 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



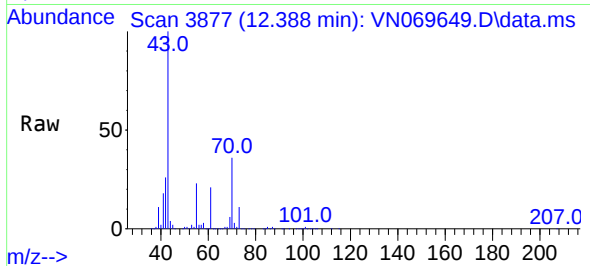
Tgt Ion: 41 Resp: 333642
Ion Ratio Lower Upper
41 100
69 72.3 44.4 133.2
39 62.6 39.9 119.6





#47
n-amy1 Acetate
Concen: 16.612 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

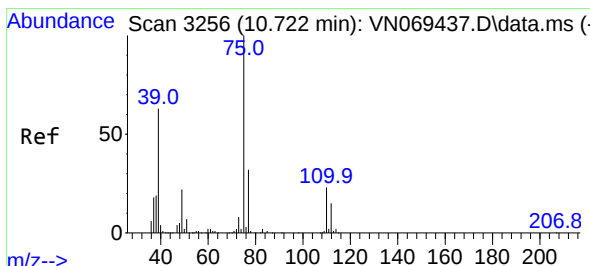
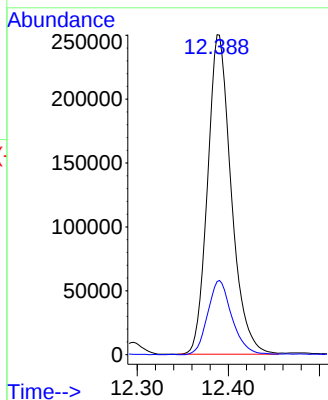
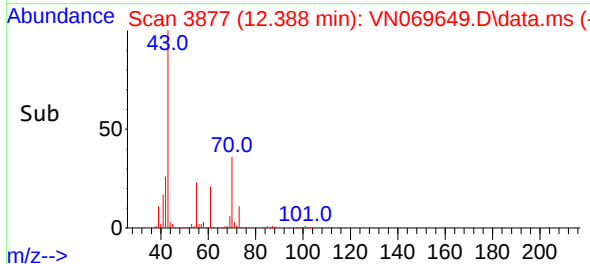
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



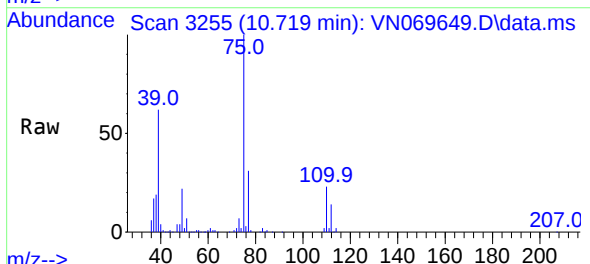
Tgt Ion: 43 Resp: 450725
Ion Ratio Lower Upper
43 100
55 23.8 19.0 28.6

Manual Integrations
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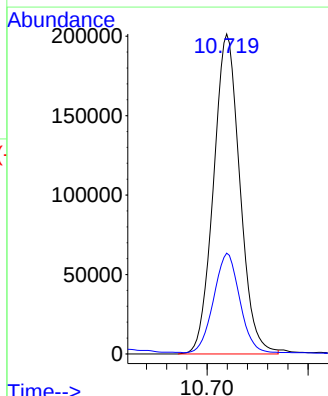
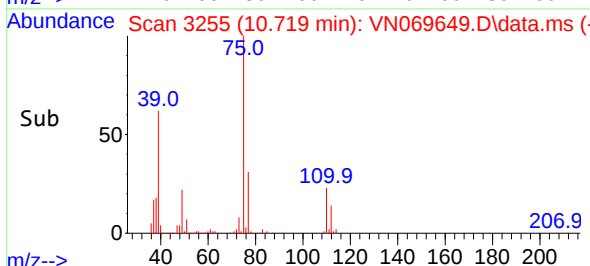
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

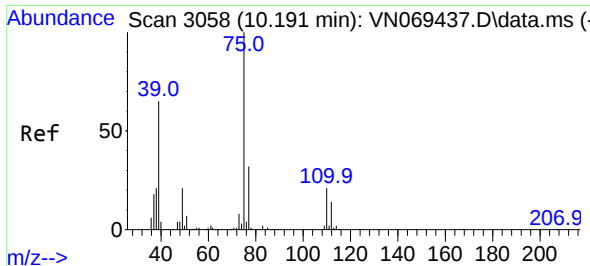


#48
t-1,3-Dichloropropene
Concen: 19.837 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



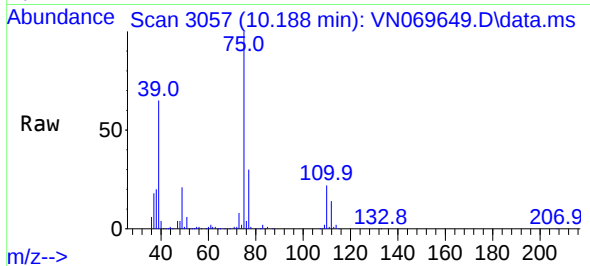
Tgt Ion: 75 Resp: 364146
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.668 ug/l
RT: 10.188 min Scan# 3058
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

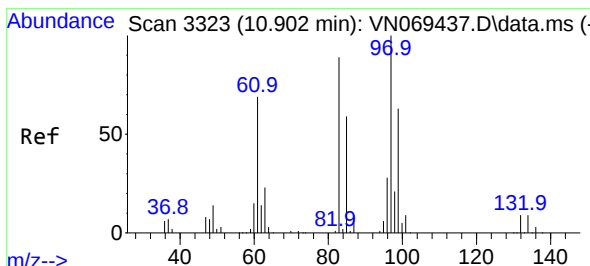
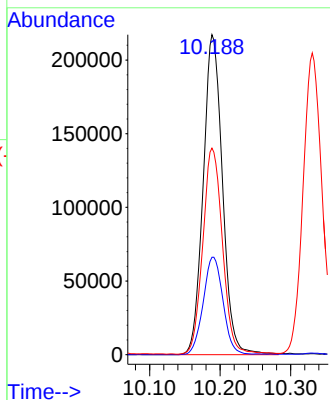
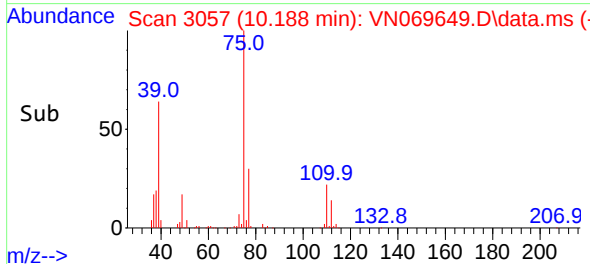
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



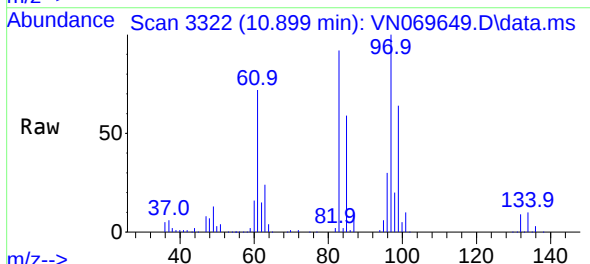
Tgt Ion: 75 Resp: 41286
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 64.4 46.2 69.4

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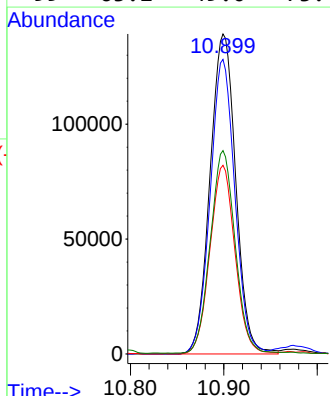
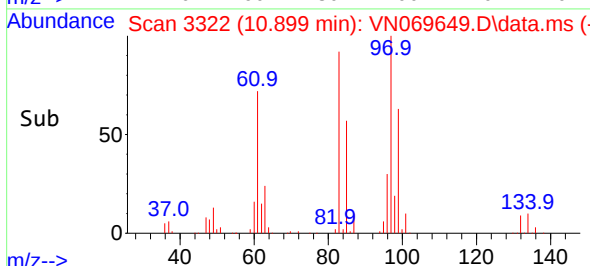
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

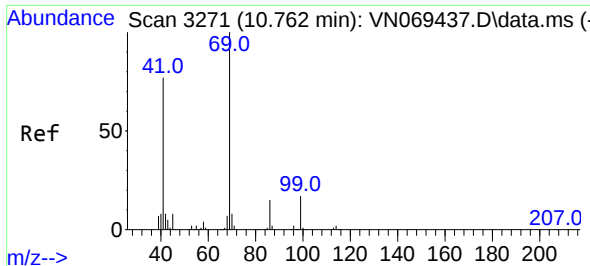


#50
1,1,2-Trichloroethane
Concen: 20.566 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



Tgt Ion: 97 Resp: 266153
Ion Ratio Lower Upper
97 100
83 92.1 67.2 100.8
85 59.0 43.0 64.4
99 63.2 49.0 73.4





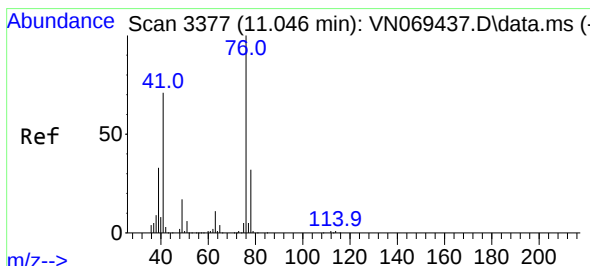
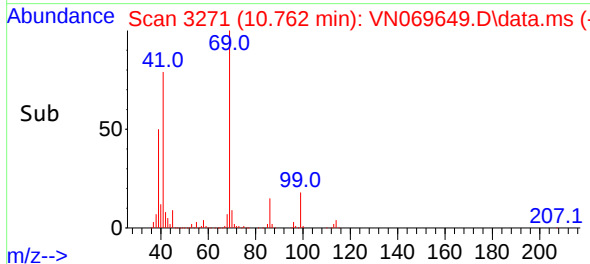
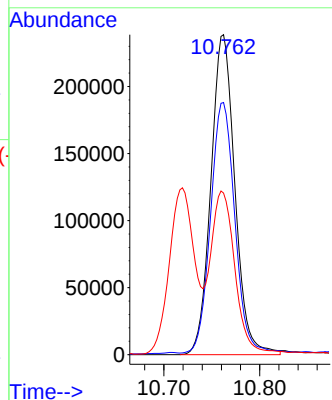
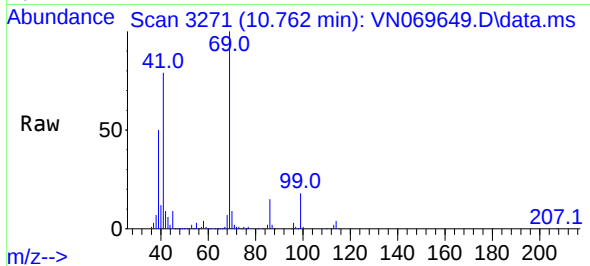
#51
Ethyl methacrylate
Concen: 19.148 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 41546
Ion Ratio Lower Upper
69 100
41 78.3 33.0 98.9
39 49.5 25.4 76.4

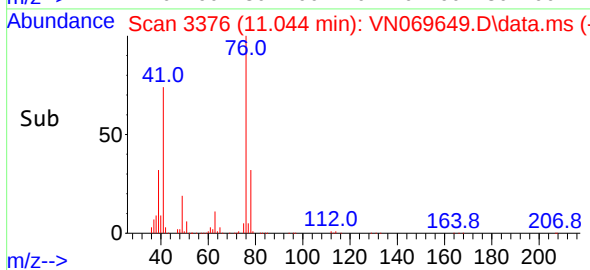
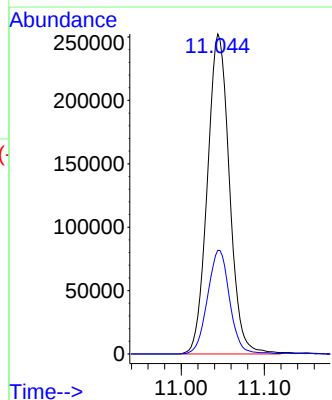
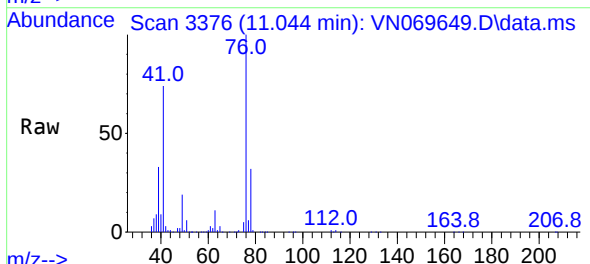
Manual Integrations
APPROVED

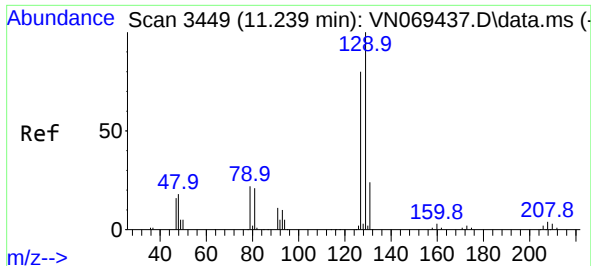
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#52
1,3-Dichloropropane
Concen: 20.812 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 76 Resp: 465230
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





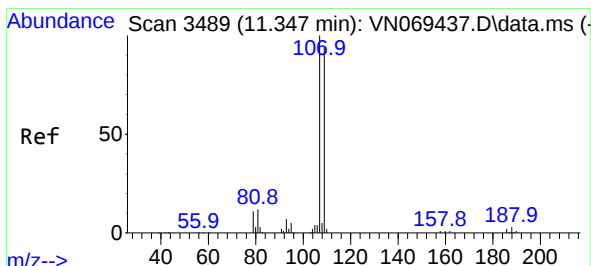
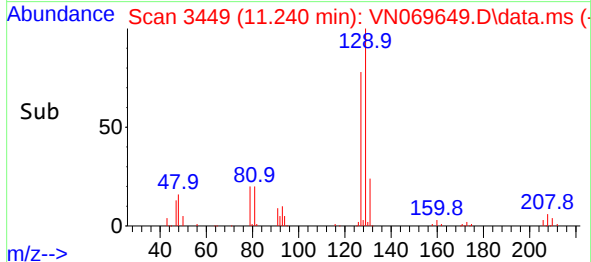
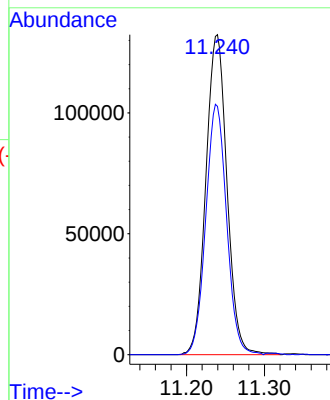
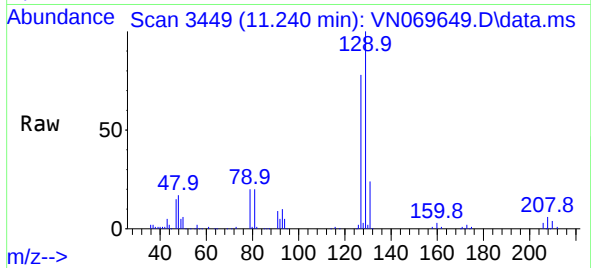
#53
Dibromochloromethane
Concen: 20.146 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 249130
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

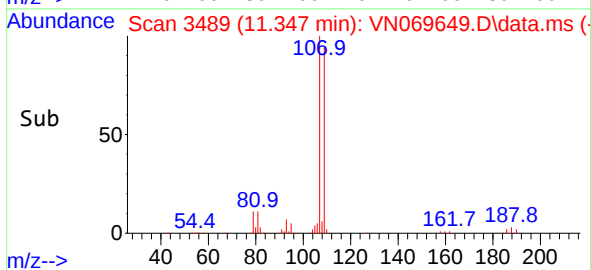
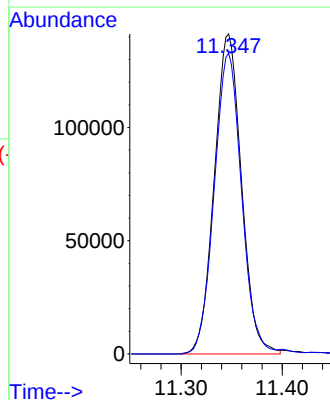
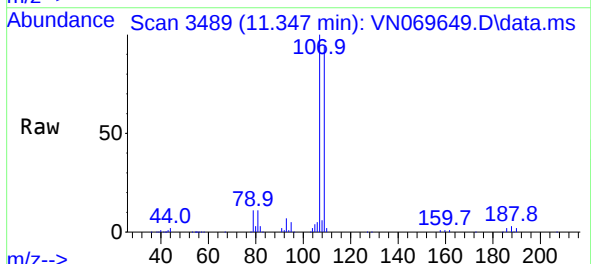
Manual Integrations
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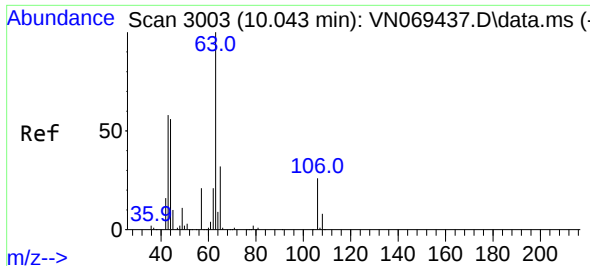
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#54
1,2-Dibromoethane
Concen: 19.658 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion:107 Resp: 263464
Ion Ratio Lower Upper
107 100
109 94.2 72.8 109.2





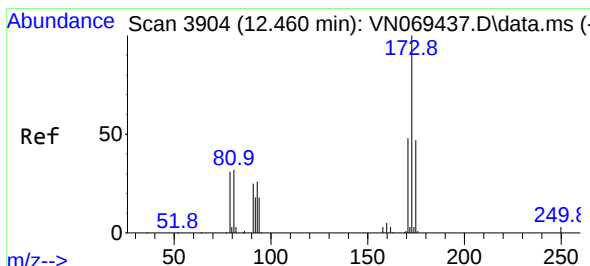
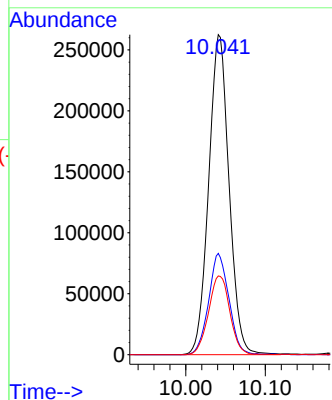
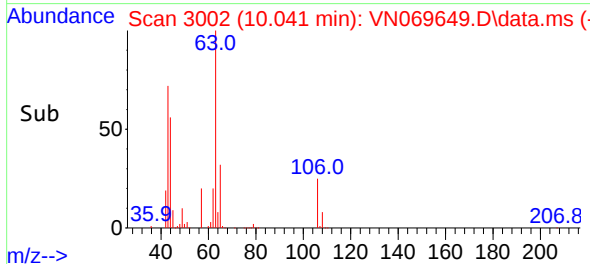
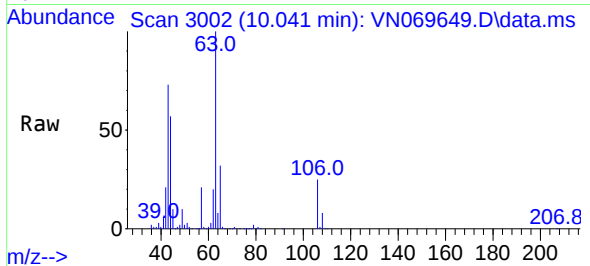
#55
2-Chloroethyl vinyl ether
Concen: 94.784 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 467788
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.0
106 25.8 23.2 34.8

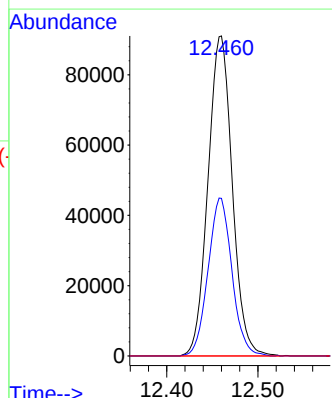
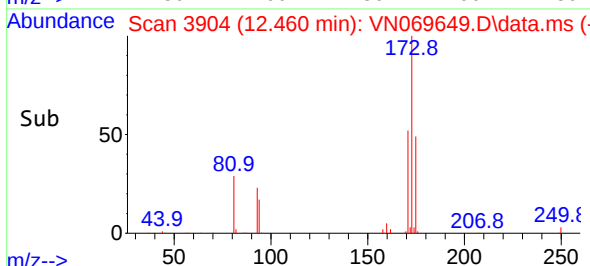
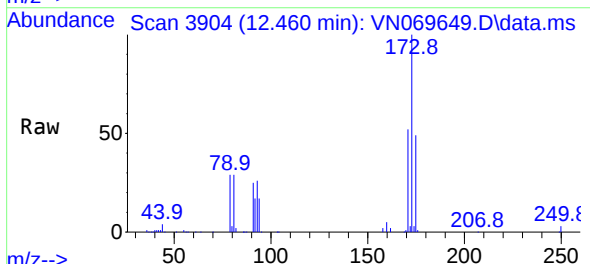
Manual Integrations
APPROVED

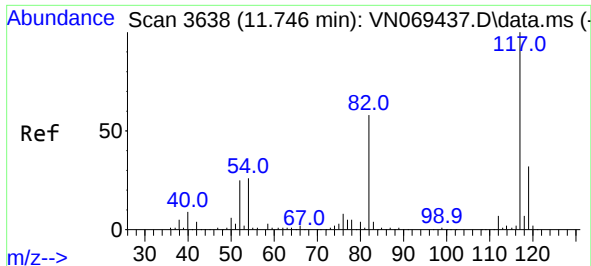
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
Bromoform
Concen: 19.029 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion:173 Resp: 168745
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :

MSVOA_N

ClientSampleId :

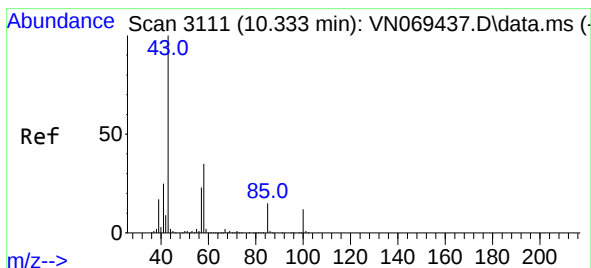
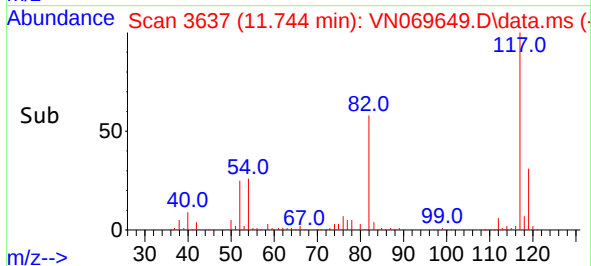
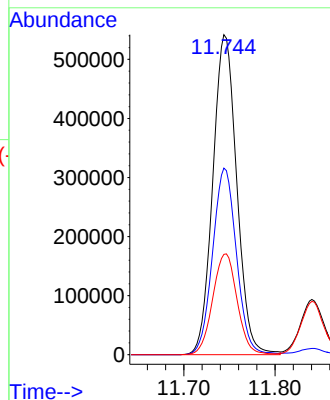
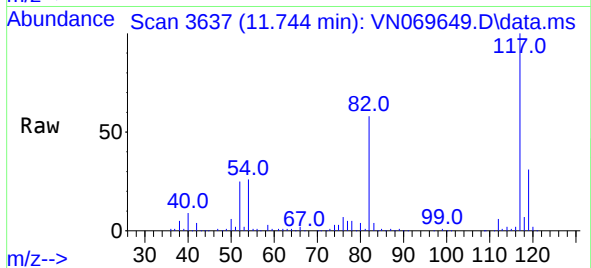
VSTDCCC020

Tgt Ion:117 Resp: 98936
Ion Ratio Lower Upper
117 100
82 58.1 43.6 65.4
119 32.2 25.8 38.6

Manual Integrations

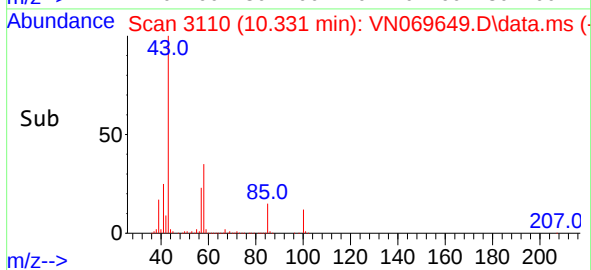
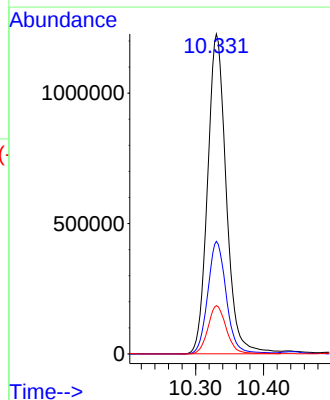
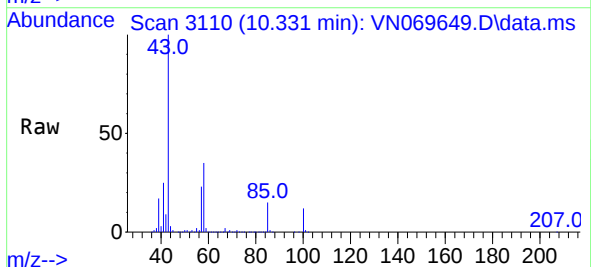
APPROVED

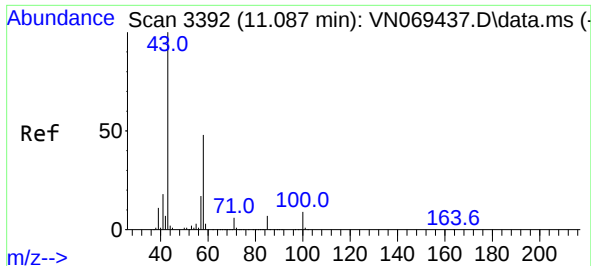
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#58
4-Methyl-2-Pentanone
Concen: 107.994 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 43 Resp: 2345338
Ion Ratio Lower Upper
43 100
58 35.0 30.0 45.0
85 14.9 15.0 22.6#





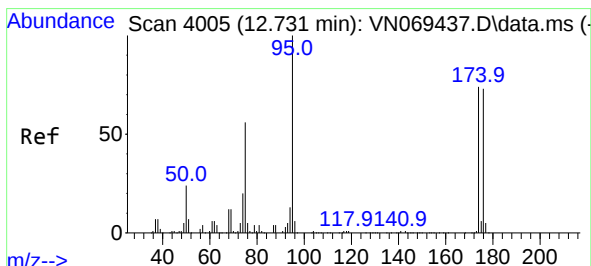
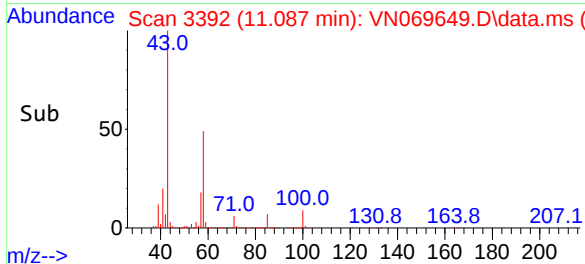
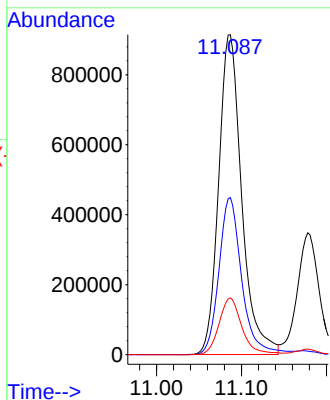
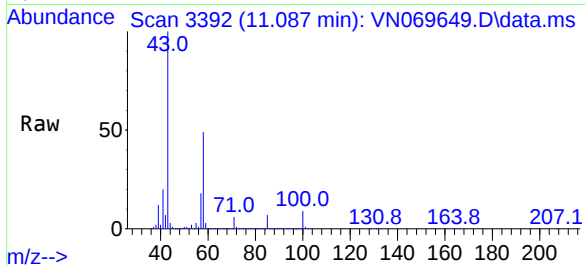
#59
2-Hexanone
Concen: 104.530 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 172680
Ion Ratio Lower Upper
43 100
58 48.7 42.2 63.2
57 17.7 15.0 22.4

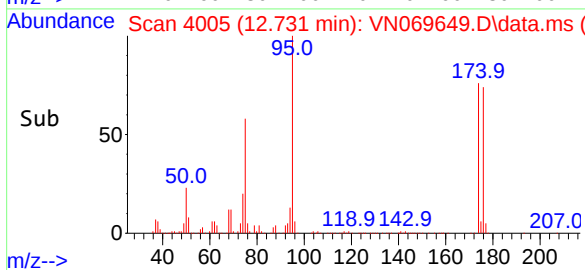
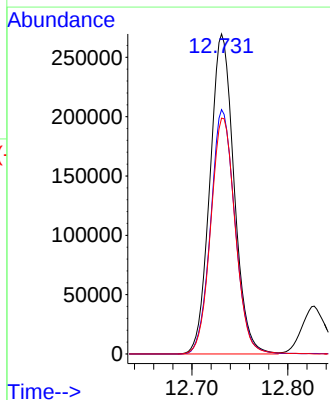
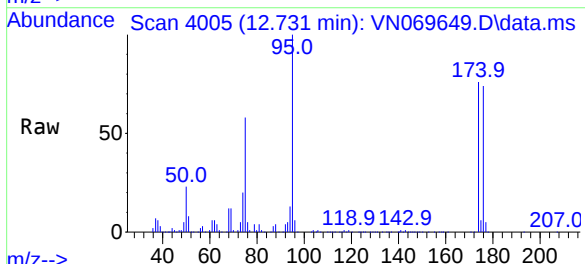
Manual Integrations
APPROVED

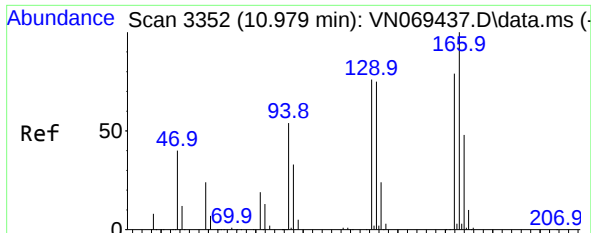
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#60
4-Bromofluorobenzene
Concen: 29.719 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

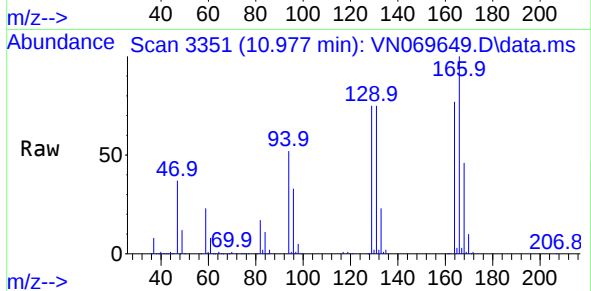
Tgt Ion: 95 Resp: 470534
Ion Ratio Lower Upper
95 100
174 76.7 62.9 94.3
176 74.8 61.0 91.4





#61
Tetrachloroethene
Concen: 23.460 ug/l
RT: 10.977 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

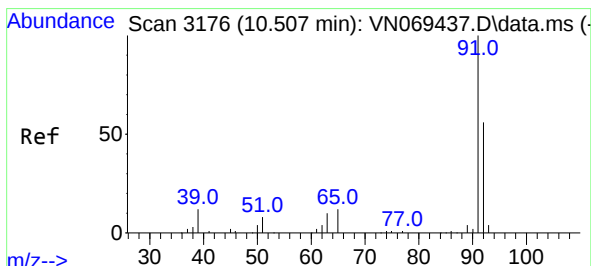
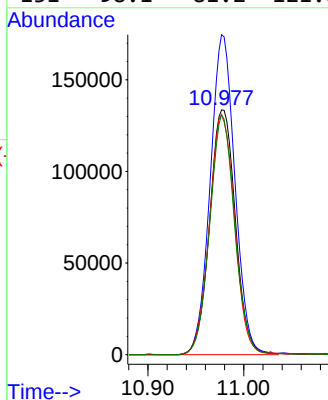
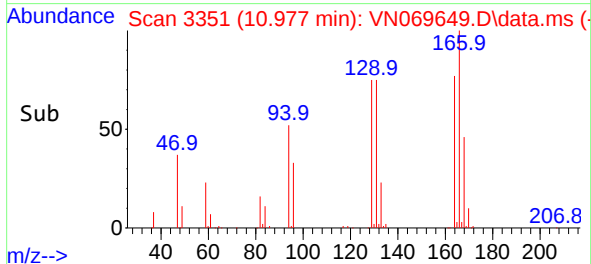
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



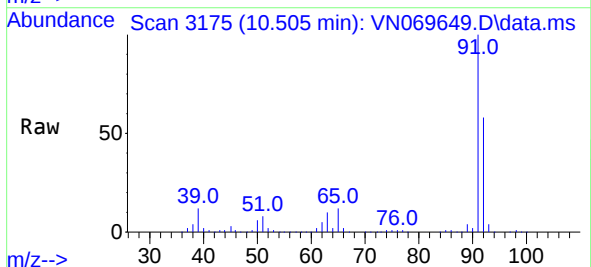
Tgt Ion:164 Resp: 24912
Ion Ratio Lower Upper
164 100
166 130.7 105.8 158.8
129 98.0 82.5 123.7
131 98.1 81.2 121.8

Manual Integrations
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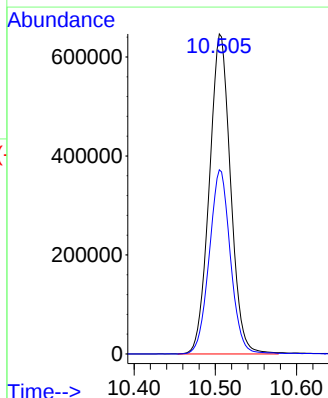
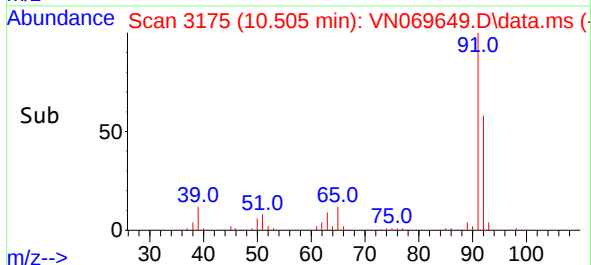
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

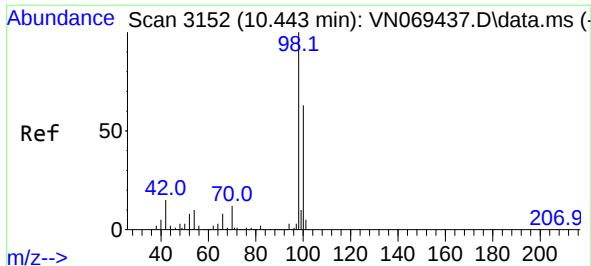


#62
Toluene
Concen: 21.559 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



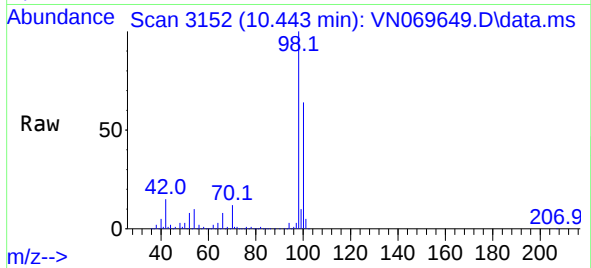
Tgt Ion: 91 Resp: 1172104
Ion Ratio Lower Upper
91 100
92 57.3 44.6 67.0





#63
Toluene-d8
Concen: 30.346 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

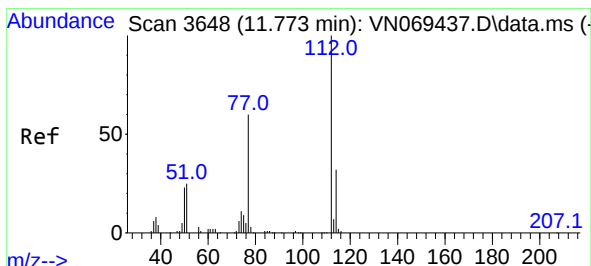
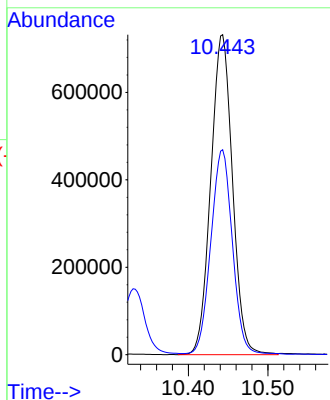
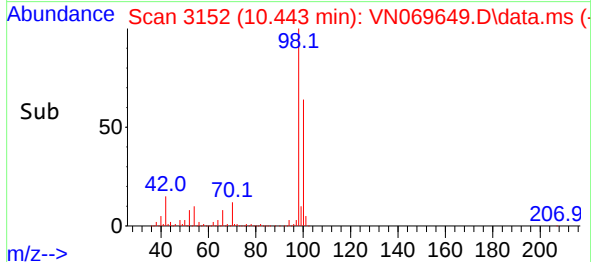
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



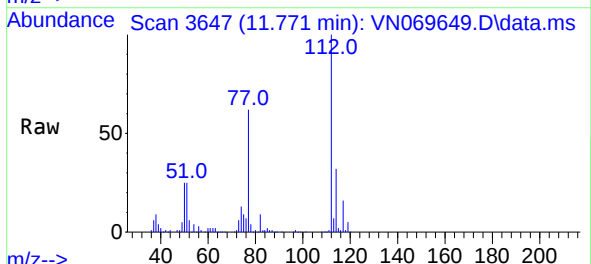
Tgt Ion: 98 Resp: 138626
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0

Manual Integrations
APPROVED

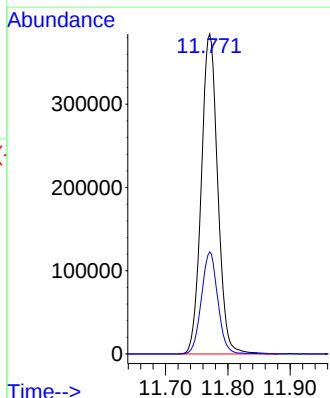
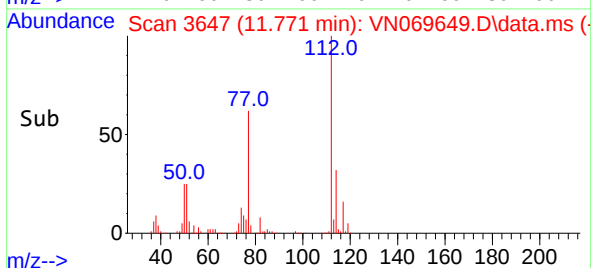
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

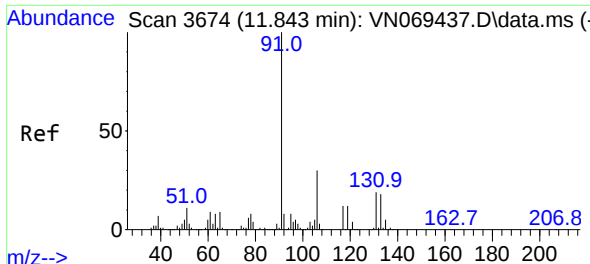


#64
Chlorobenzene
Concen: 21.580 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



Tgt Ion:112 Resp: 703900
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





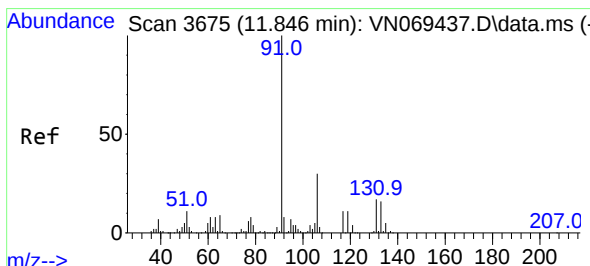
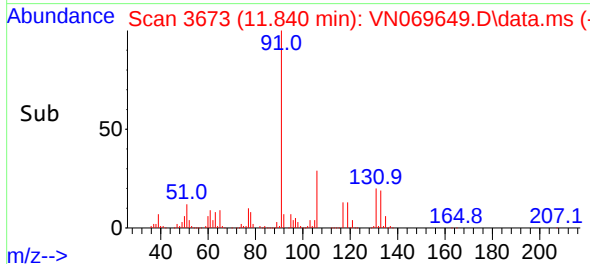
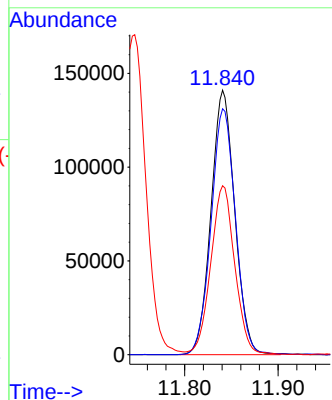
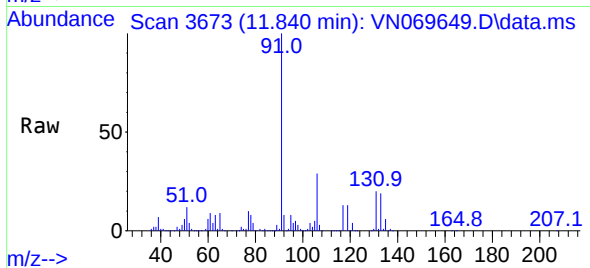
#65
1,1,1,2-Tetrachloroethane
Concen: 21.702 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 249218
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.2
119 64.3 0.0 128.8

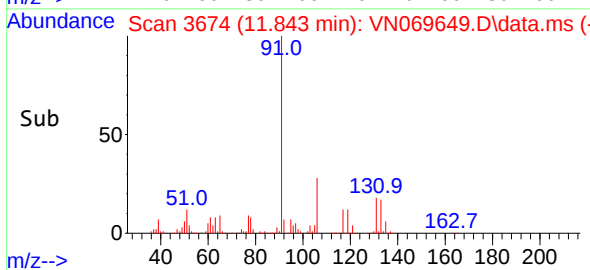
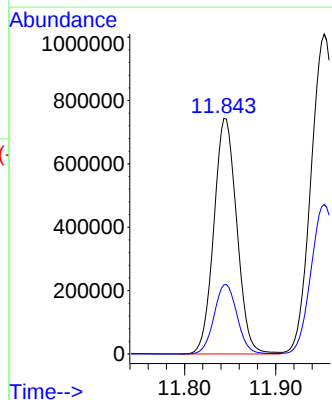
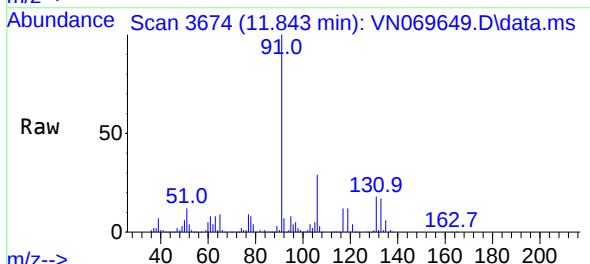
Manual Integrations
APPROVED

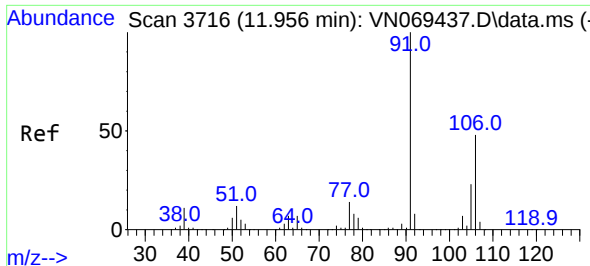
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#66
Ethyl Benzene
Concen: 21.592 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.005 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 91 Resp: 1299338
Ion Ratio Lower Upper
91 100
106 29.4 24.0 36.0





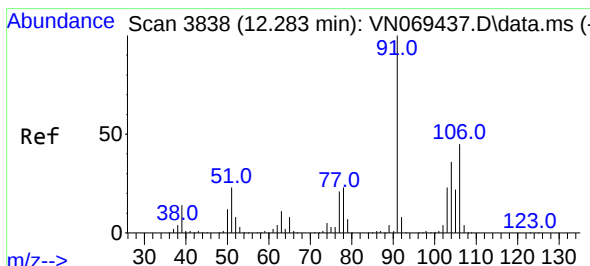
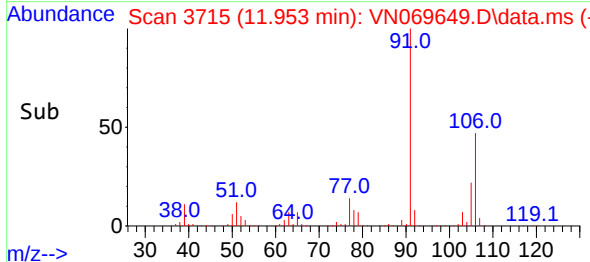
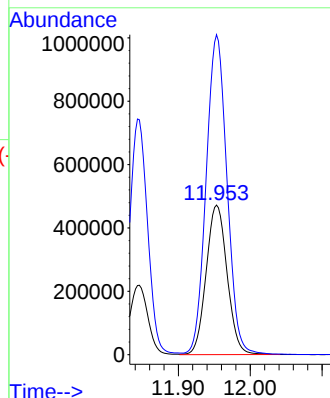
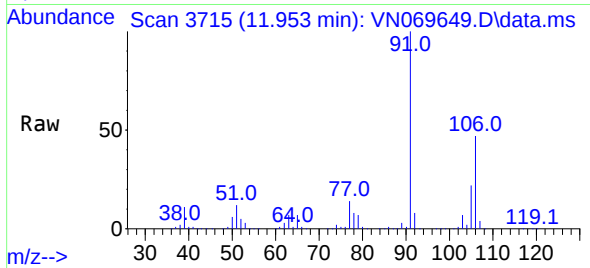
#67
m/p-Xylenes
Concen: 42.826 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 957214
Ion Ratio Lower Upper
106 100
91 212.0 162.9 244.3

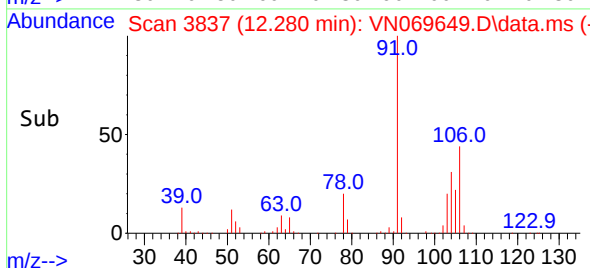
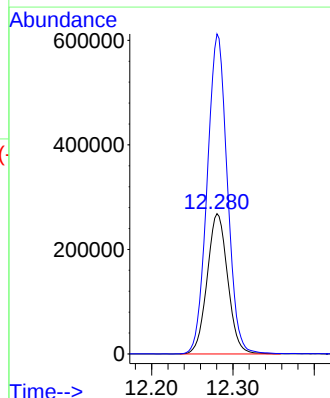
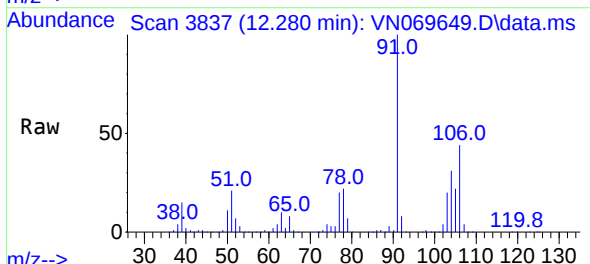
Manual Integrations
APPROVED

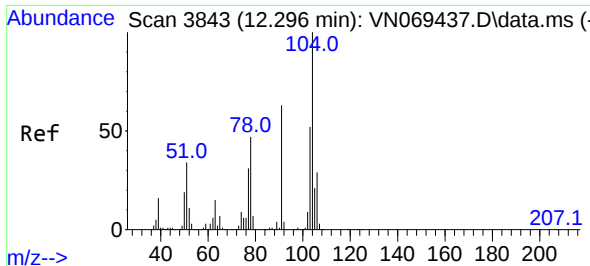
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#68
o-Xylene
Concen: 21.062 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

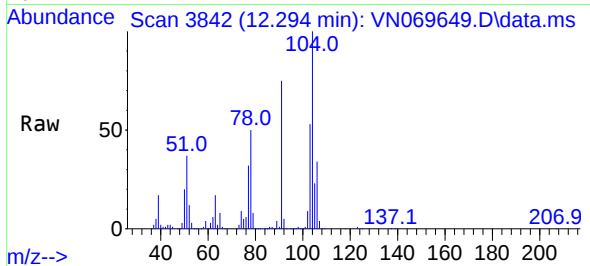
Tgt Ion:106 Resp: 471364
Ion Ratio Lower Upper
106 100
91 223.4 107.7 323.1





#69
Styrene
Concen: 20.558 ug/l
RT: 12.294 min Scan# 3843
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

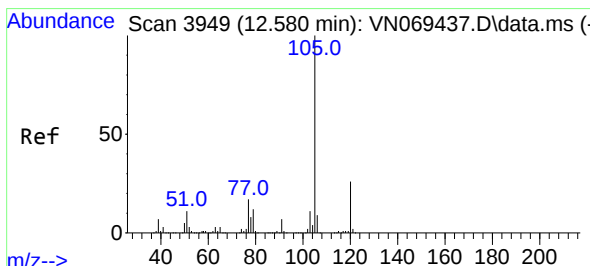
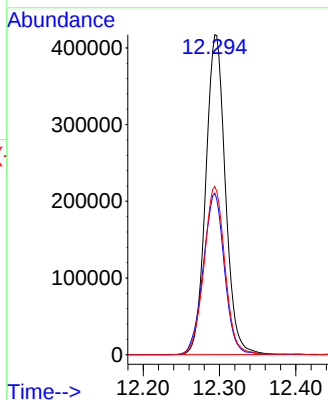
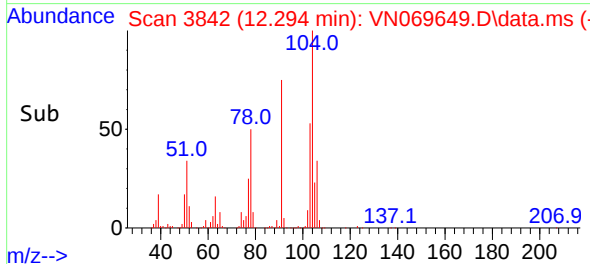
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:104 Resp: 745874
Ion Ratio Lower Upper
104 100
78 54.8 40.7 61.1
103 56.4 45.8 68.8

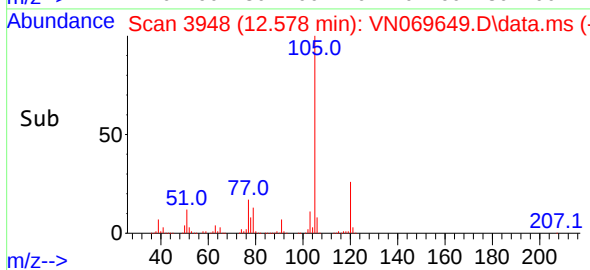
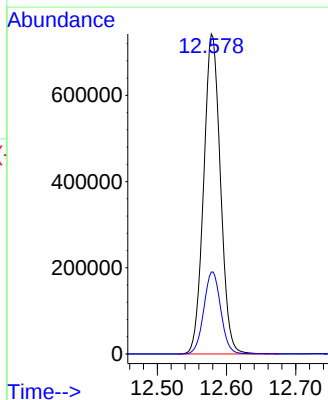
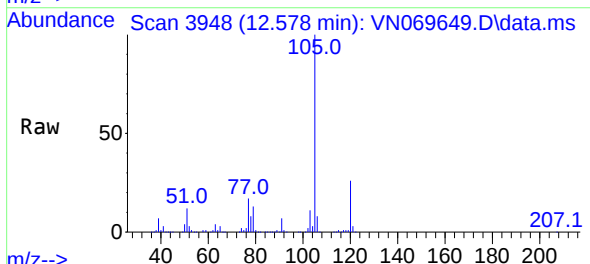
Manual Integrations
APPROVED

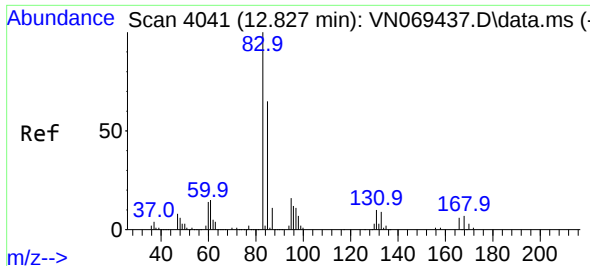
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#70
Isopropylbenzene
Concen: 21.340 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion:105 Resp: 1248957
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





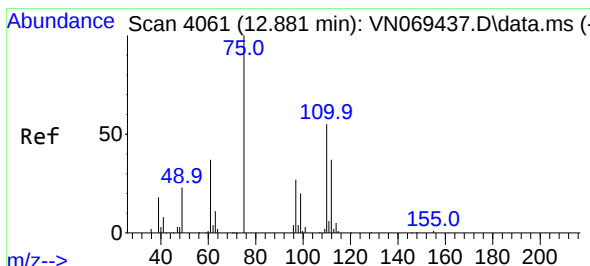
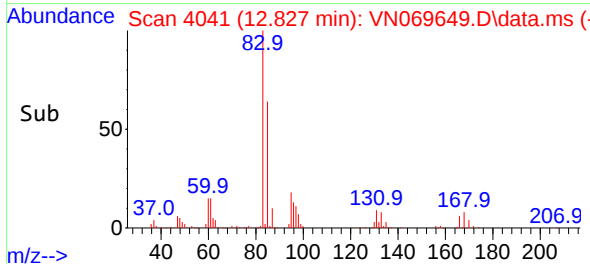
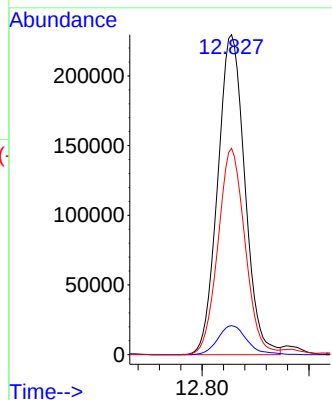
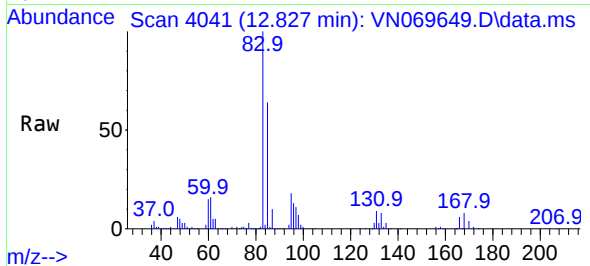
#71
1,1,2,2-Tetrachloroethane
Concen: 21.004 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 405644
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 64.2 33.1 99.2

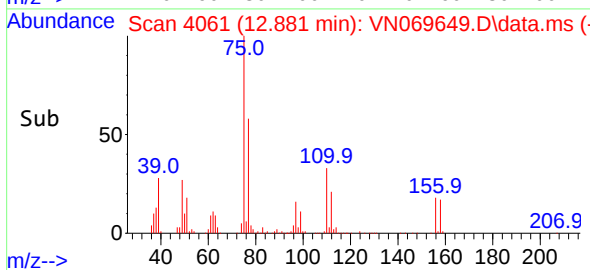
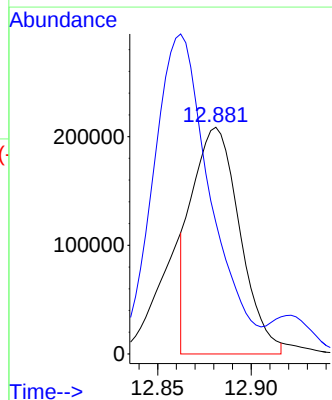
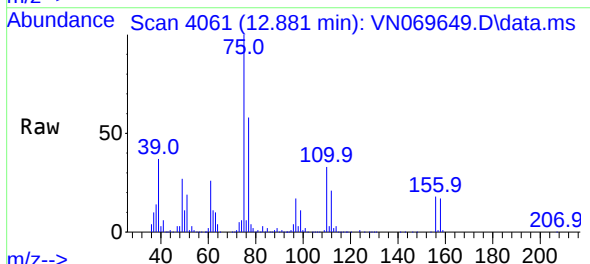
Manual Integrations
APPROVED

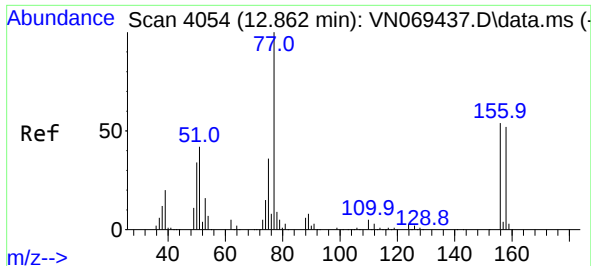
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#72
1,2,3-Trichloropropane
Concen: 19.620 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 75 Resp: 369135
Ion Ratio Lower Upper
75 100
77 169.5 0.0 378.0





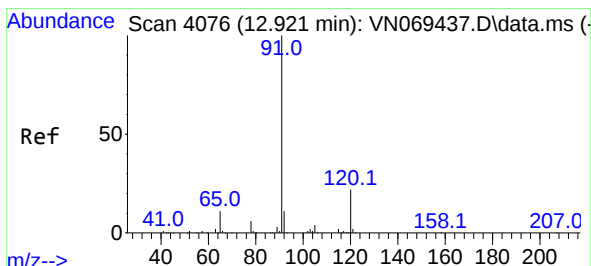
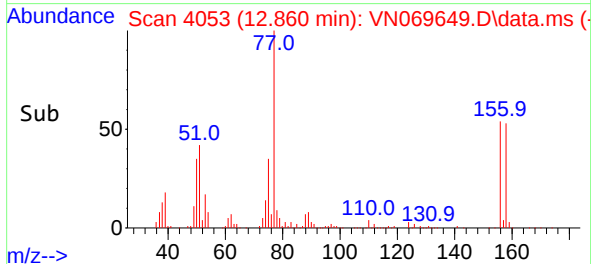
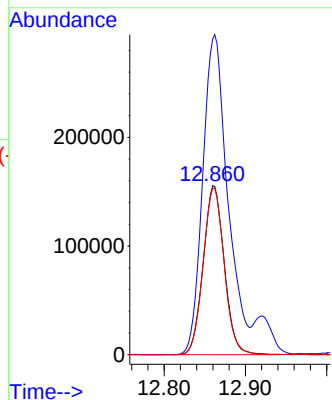
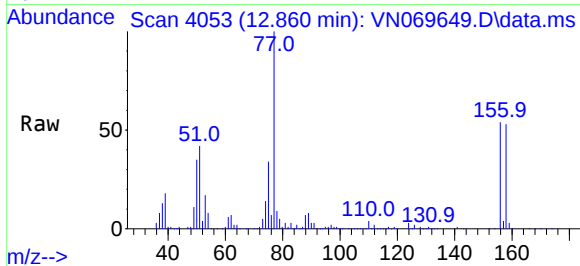
#73
Bromobenzene
Concen: 20.767 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 280184
Ion Ratio Lower Upper
156 100
77 223.2 0.0 416.0
158 98.4 0.0 195.4

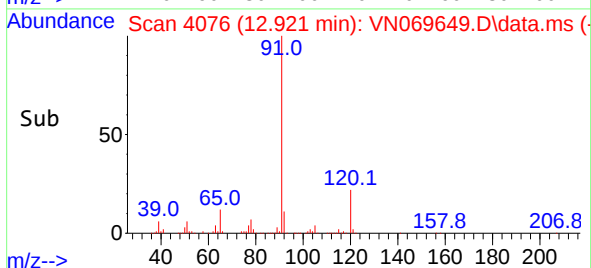
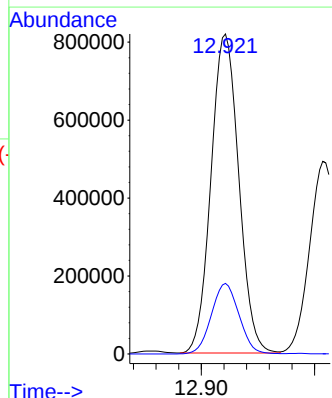
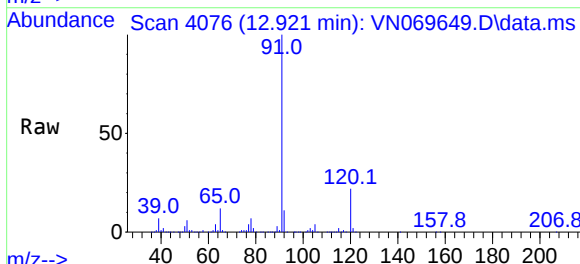
Manual Integrations
APPROVED

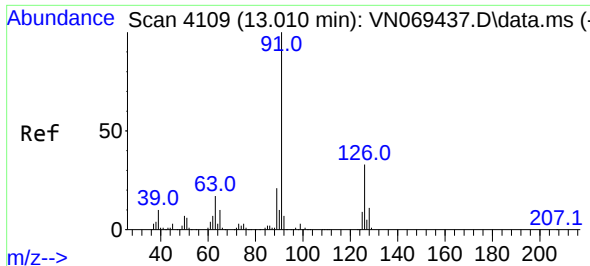
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#74
n-propylbenzene
Concen: 20.728 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 91 Resp: 1393242
Ion Ratio Lower Upper
91 100
120 22.0 0.0 45.0





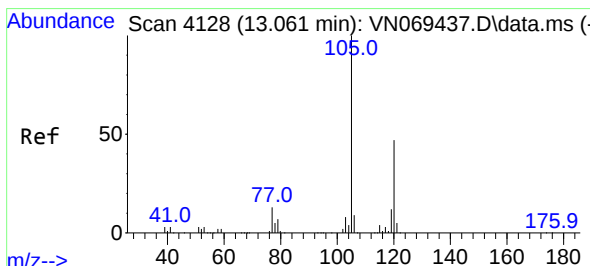
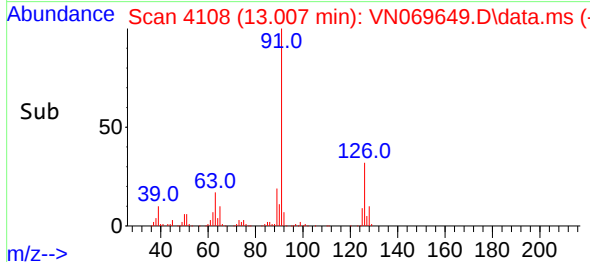
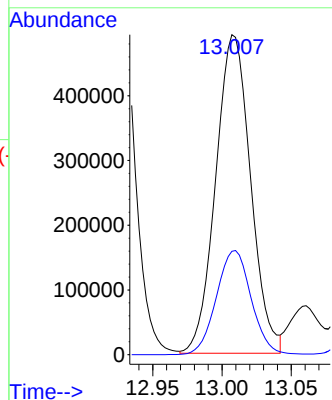
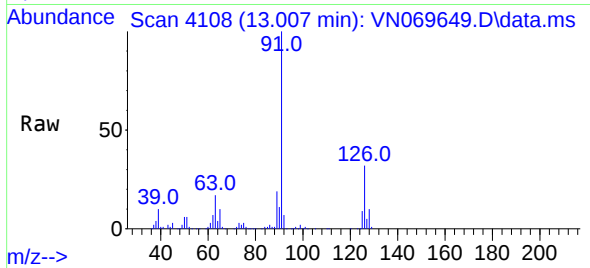
#75
2-Chlorotoluene
Concen: 21.105 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 86358
Ion Ratio Lower Upper
91 100
126 32.7 0.0 69.8

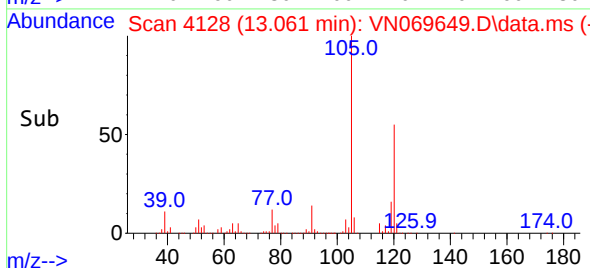
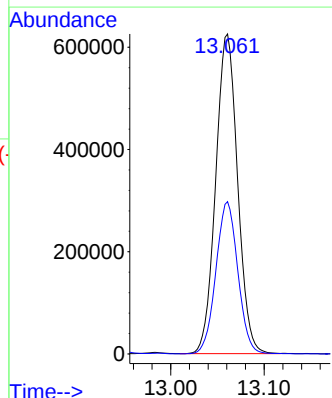
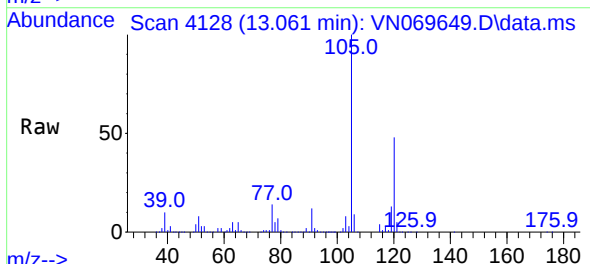
Manual Integrations
APPROVED

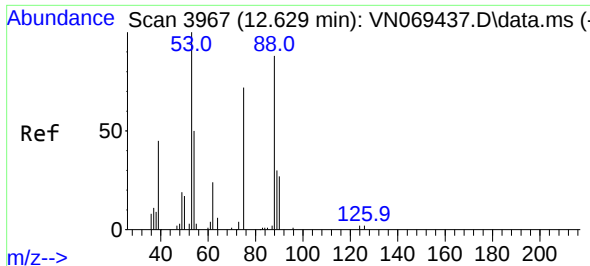
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.265 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion:105 Resp: 1021502
Ion Ratio Lower Upper
105 100
120 47.8 0.0 93.8





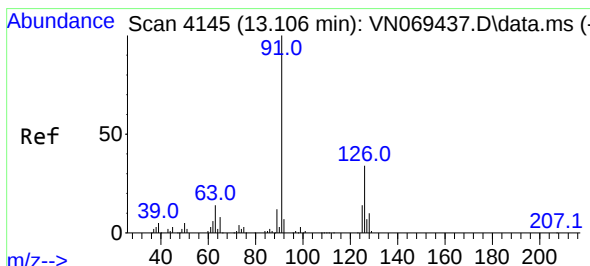
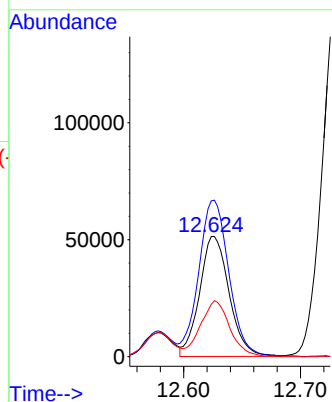
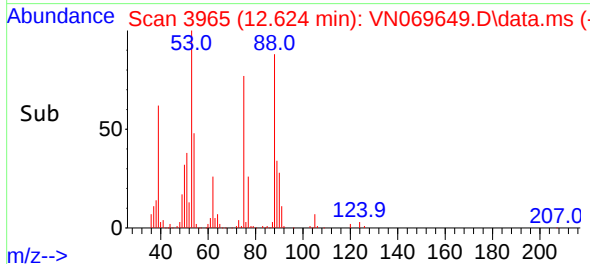
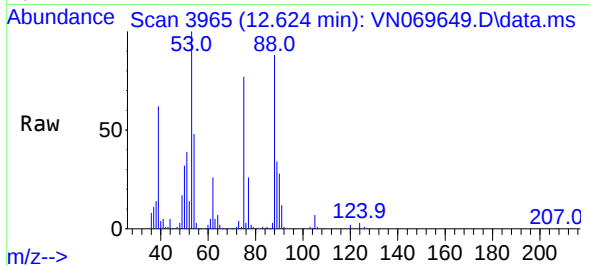
#77
t-1,4-Dichloro-2-butene
Concen: 17.783 ug/l
RT: 12.624 min Scan# 3967
Delta R.T. -0.005 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 90310
Ion Ratio Lower Upper
75 100
53 129.3 51.8 155.5
89 43.9 22.9 68.7

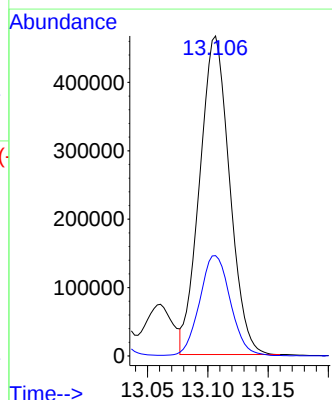
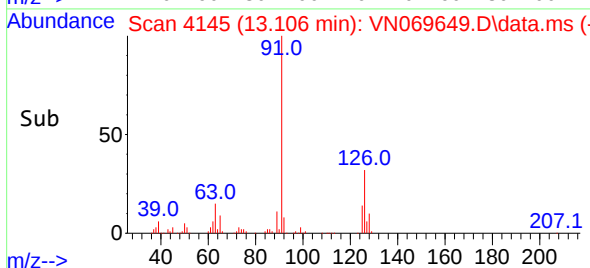
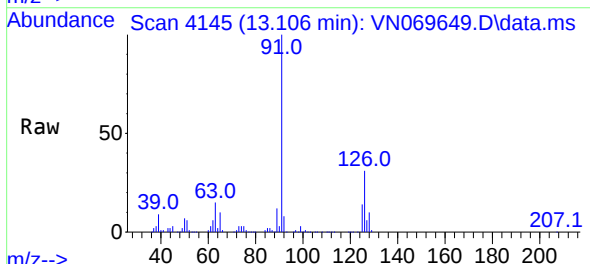
Manual Integrations
APPROVED

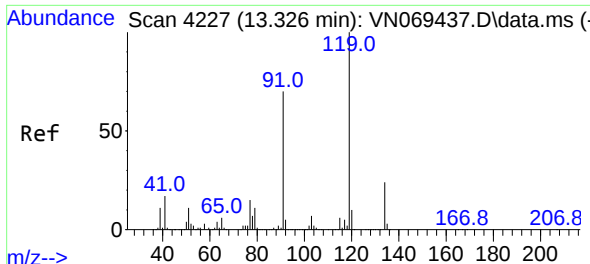
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#78
4-Chlorotoluene
Concen: 20.510 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion: 91 Resp: 803695
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6





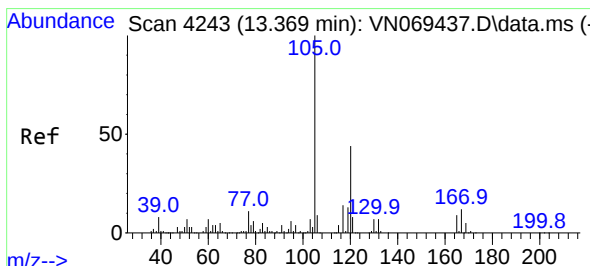
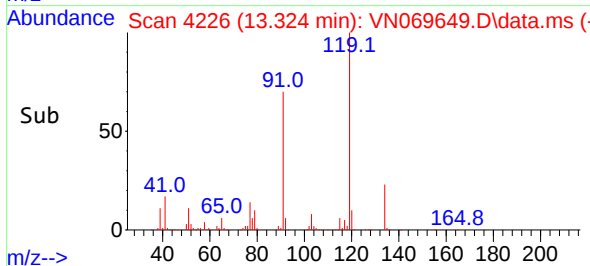
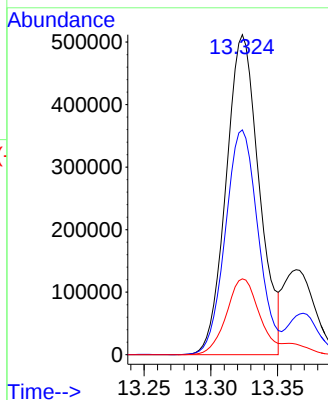
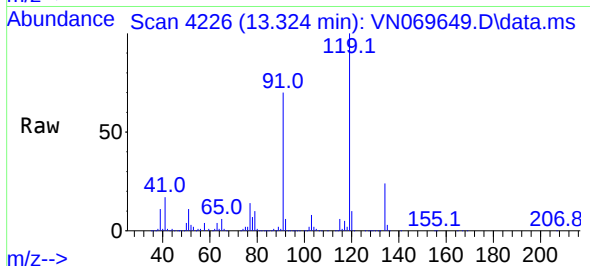
#79
tert-butylbenzene
Concen: 20.884 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 88249
Ion Ratio Lower Upper
119 100
91 70.2 0.0 137.0
134 23.9 0.0 47.6

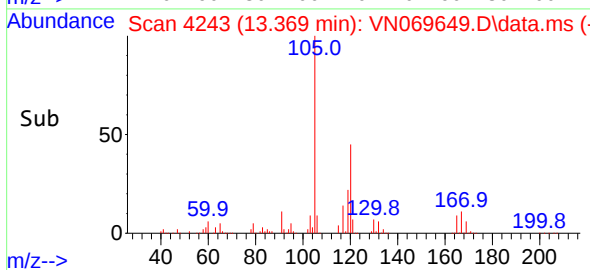
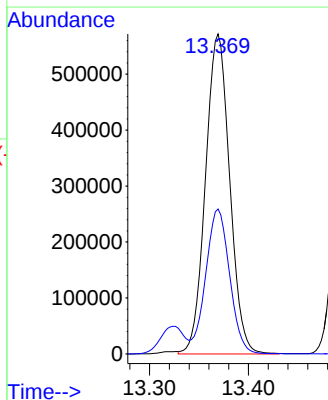
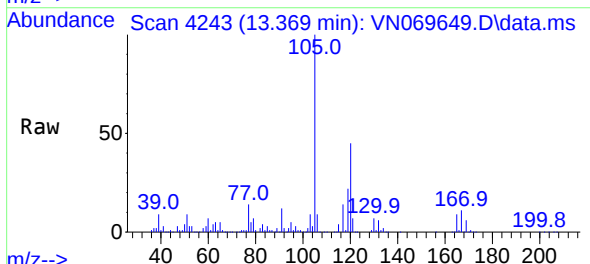
Manual Integrations
APPROVED

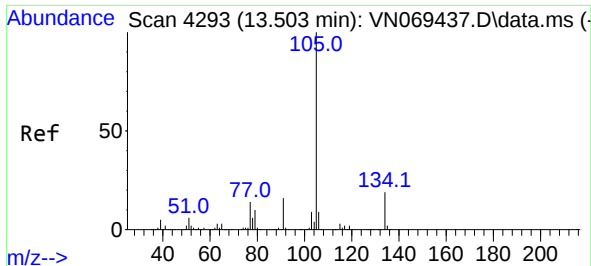
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#80
1,2,4-Trimethylbenzene
Concen: 20.754 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Tgt Ion:105 Resp: 972525
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





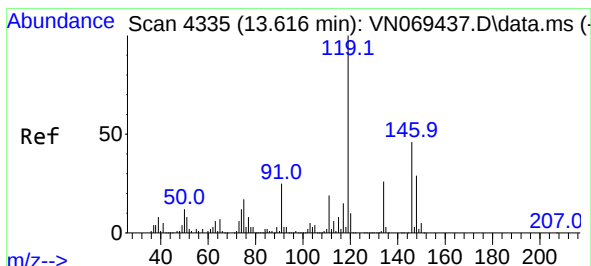
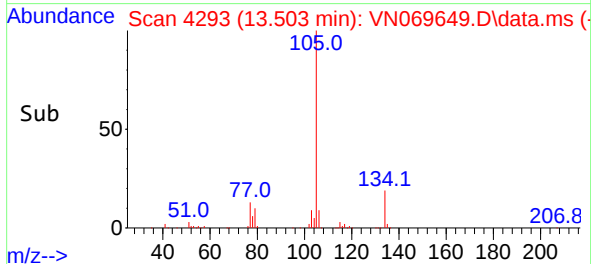
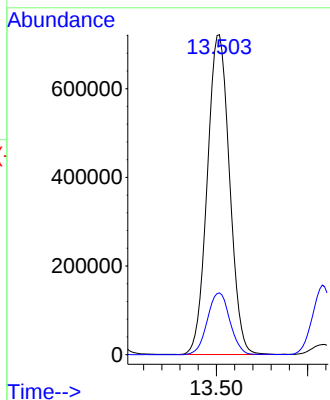
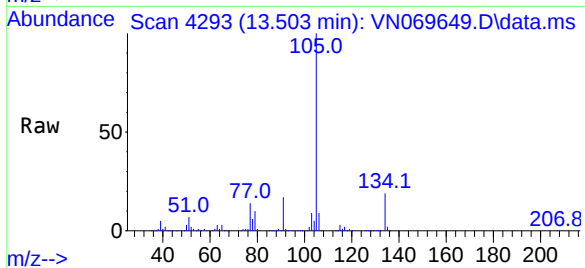
#81
 sec-Butylbenzene
 Concen: 20.668 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069649.D
 Acq: 26 Nov 2021 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 122199
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

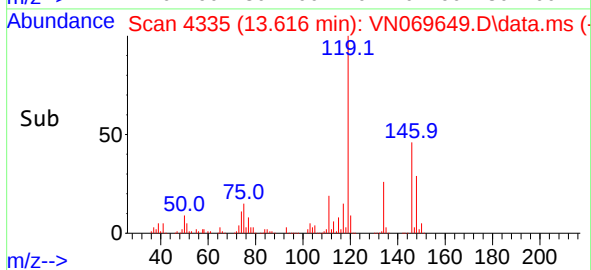
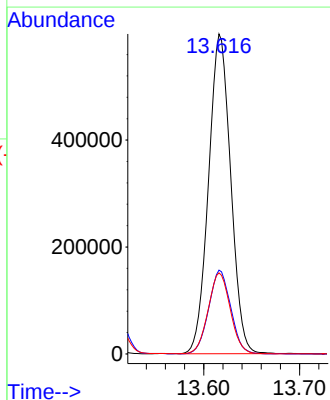
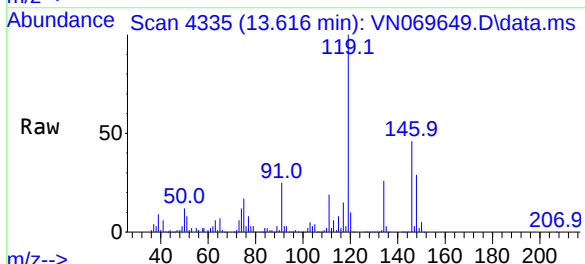
Manual Integrations
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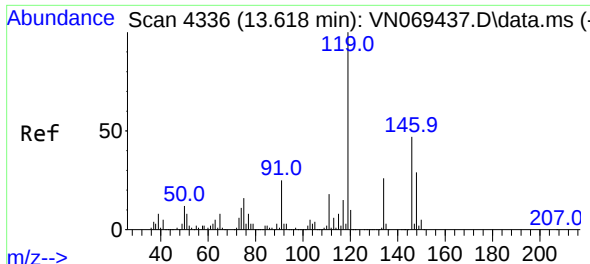
Reviewed By :John Carlone 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#82
 p-Isopropyltoluene
 Concen: 20.351 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069649.D
 Acq: 26 Nov 2021 10:22

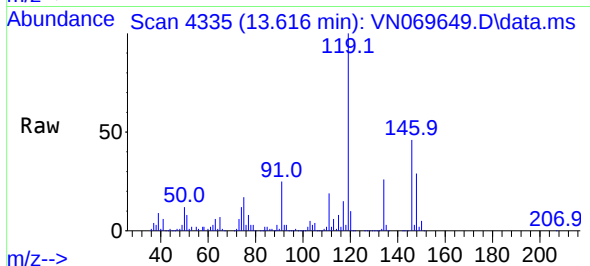
Tgt Ion:119 Resp: 960055
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 25.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.567 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

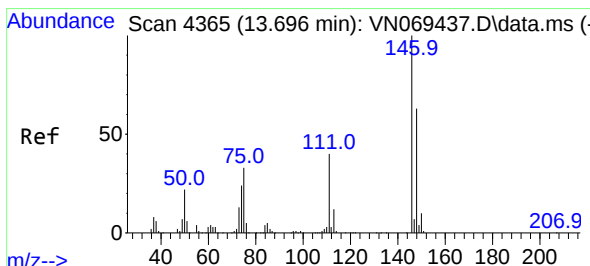
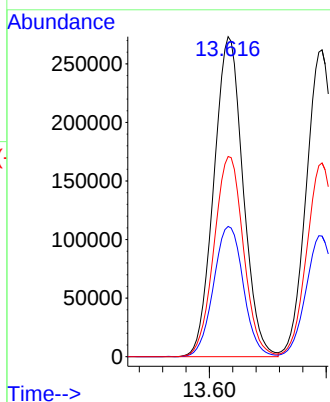
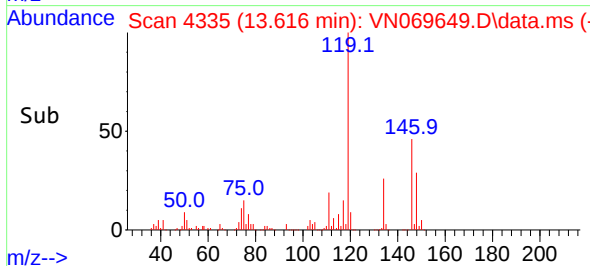
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



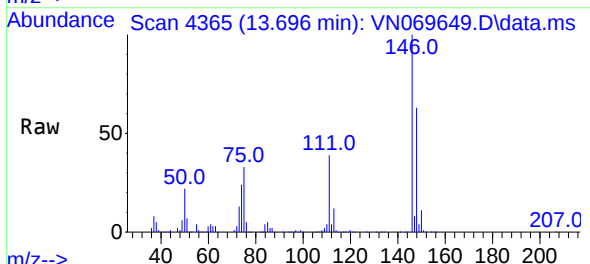
Tgt Ion:146 Resp: 47441
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 63.3 31.4 94.3

Manual Integrations
APPROVED

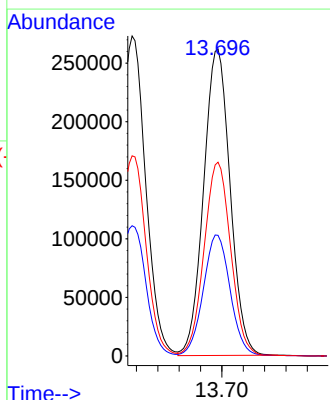
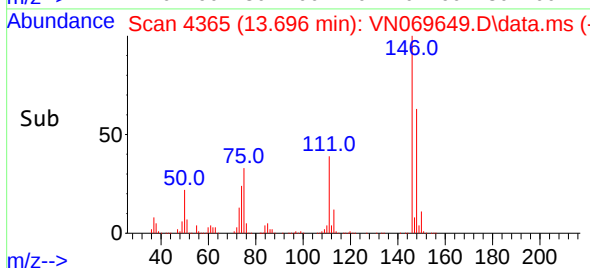
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

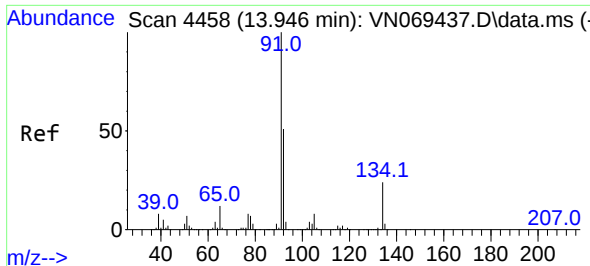


#84
1,4-Dichlorobenzene
Concen: 20.172 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



Tgt Ion:146 Resp: 451420
Ion Ratio Lower Upper
146 100
111 40.2 19.5 58.5
148 64.0 31.1 93.5





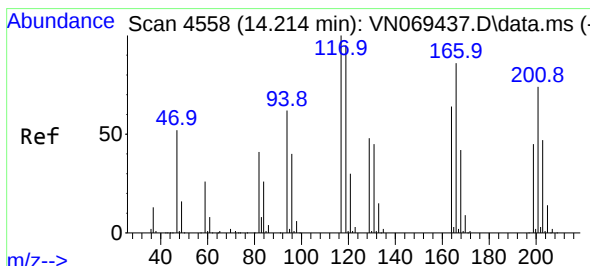
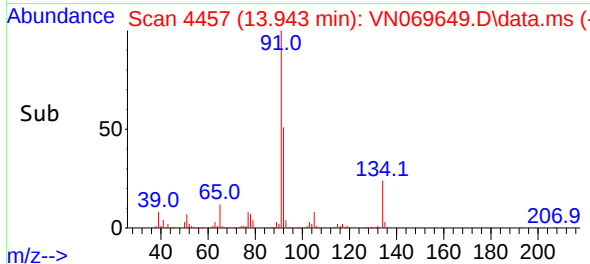
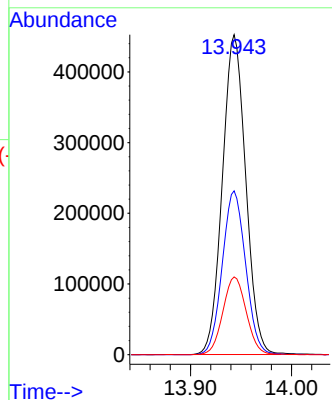
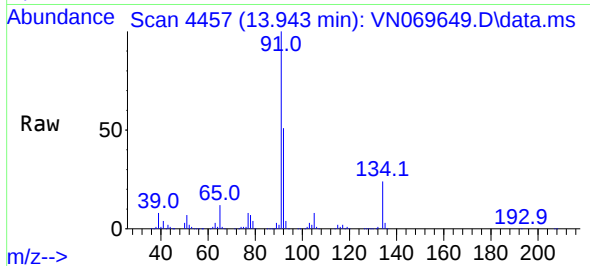
#85
n-Butylbenzene
Concen: 18.425 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 725434
Ion Ratio Lower Upper
91 100
92 51.3 0.0 100.6
134 24.4 0.0 50.2

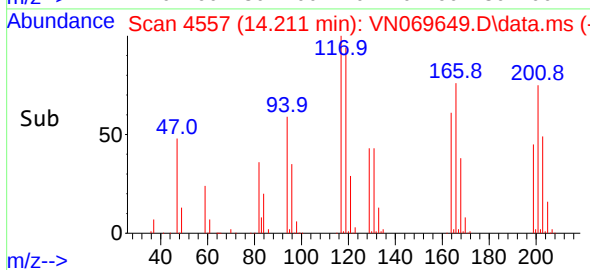
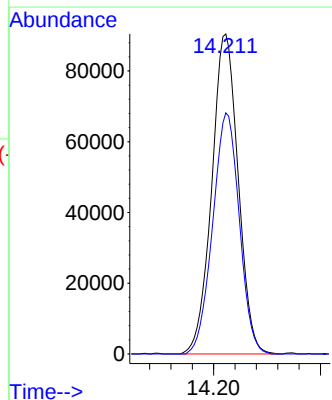
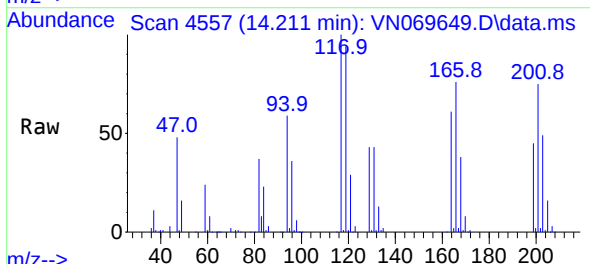
Manual Integrations
APPROVED

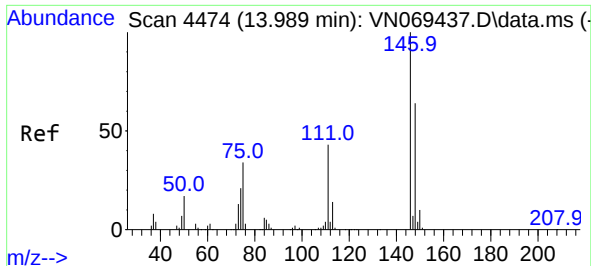
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#86
Hexachloroethane
Concen: 19.898 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

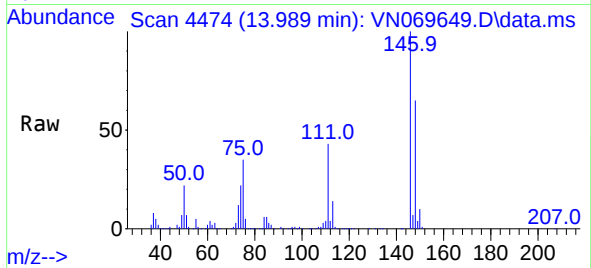
Tgt Ion:117 Resp: 155357
Ion Ratio Lower Upper
117 100
201 75.8 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.542 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

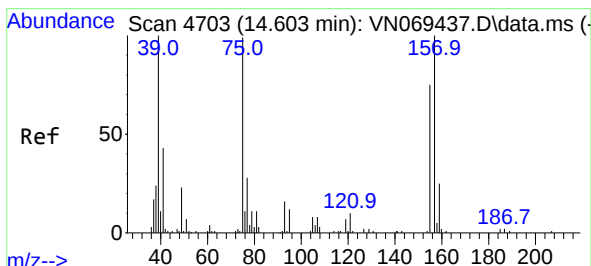
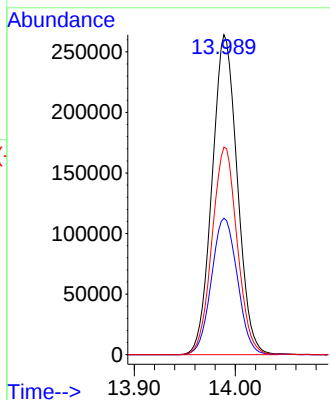
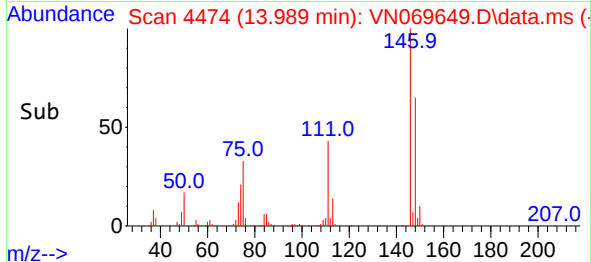
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



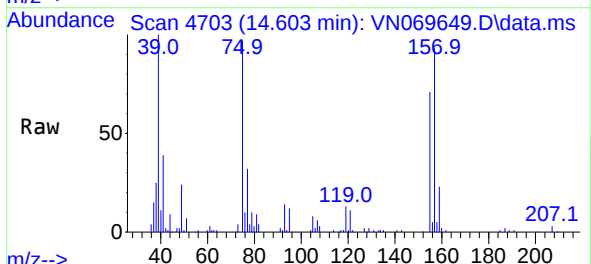
Tgt Ion:146 Resp: 457310
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.2
148 65.0 32.5 97.4

Manual Integrations
APPROVED

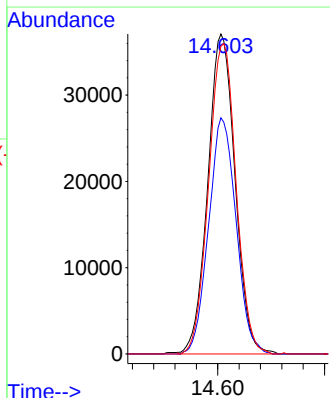
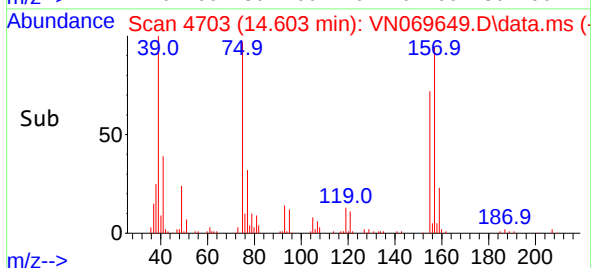
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

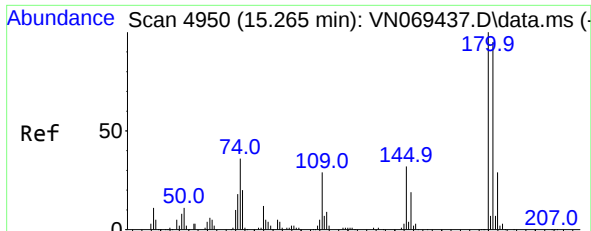


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.430 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



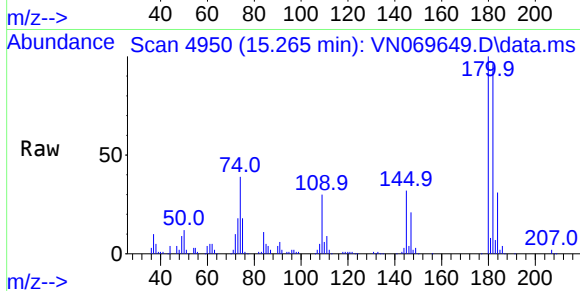
Tgt Ion: 75 Resp: 65690
Ion Ratio Lower Upper
75 100
155 74.5 63.8 95.8
157 97.9 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 16.970 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

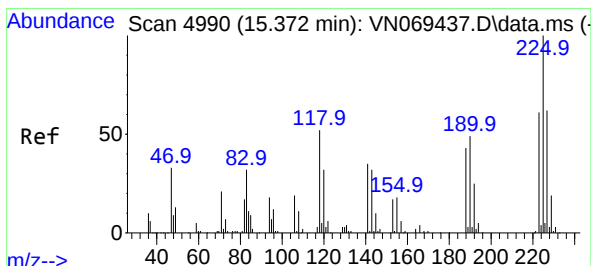
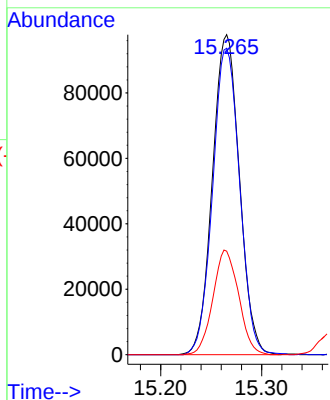
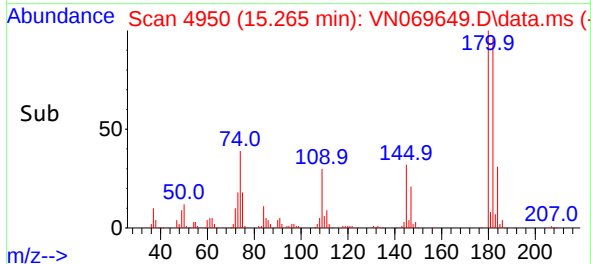
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



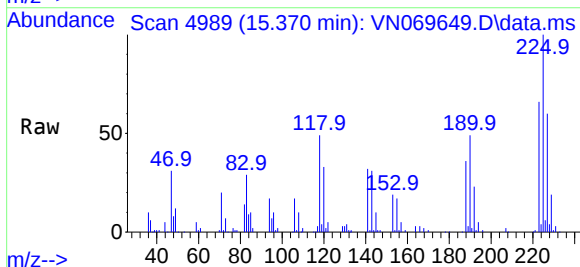
Tgt Ion:180 Resp: 18114
Ion Ratio Lower Upper
180 100
182 95.9 77.7 116.5
145 31.2 26.6 39.8

Manual Integrations
APPROVED

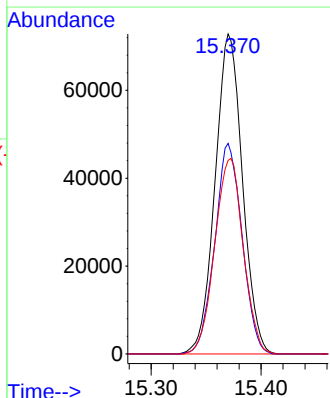
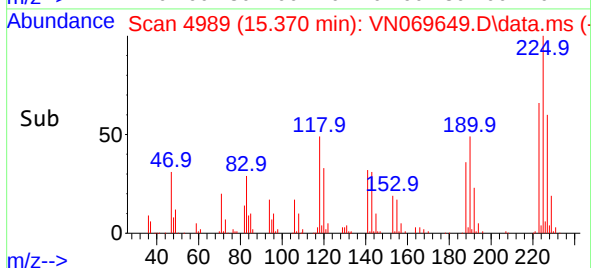
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

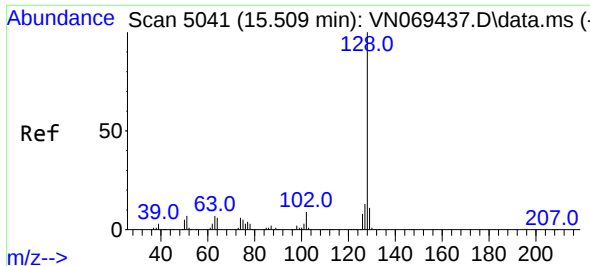


#90
Hexachlorobutadiene
Concen: 21.834 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.002 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



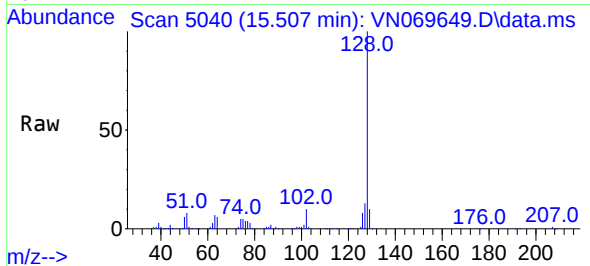
Tgt Ion:225 Resp: 126034
Ion Ratio Lower Upper
225 100
223 65.5 0.0 126.8
227 63.5 0.0 123.0





#91
Naphthalene
Concen: 14.081 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22

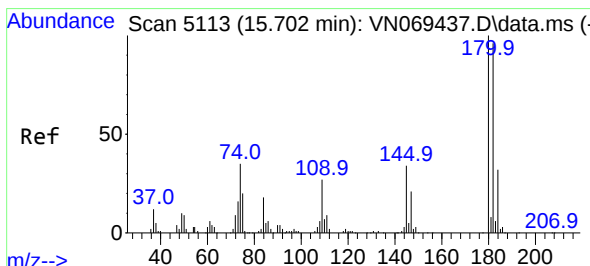
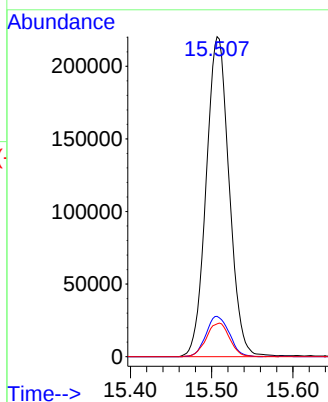
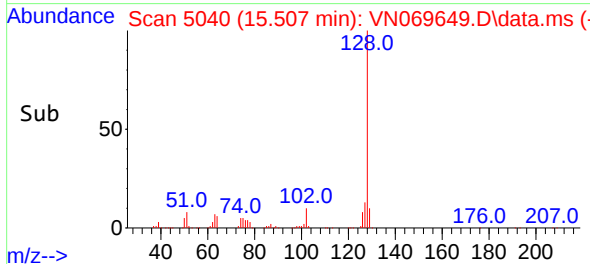
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



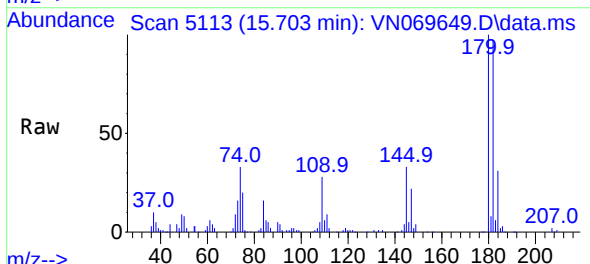
Tgt Ion:128 Resp: 432990
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#92
1,2,3-Trichlorobenzene
Concen: 16.971 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069649.D
Acq: 26 Nov 2021 10:22



Tgt Ion:180 Resp: 178091
Ion Ratio Lower Upper
180 100
182 95.8 0.0 190.0
145 32.7 0.0 67.8

