

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113021\
 Data File : VN069685.D
 Acq On : 30 Nov 2021 17:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 01:50:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1104497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1802009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1724431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	734036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	815264	50.907	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.820%			
35) Dibromofluoromethane	8.019	113	570418	52.779	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.560%			
50) Toluene-d8	10.440	98	2170365	51.060	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.728	95	857128	54.890	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	503934	42.707	ug/l	100
3) Chloromethane	2.303	50	580051	42.387	ug/l	98
4) Vinyl Chloride	2.451	62	597174	43.582	ug/l	98
5) Bromomethane	2.842	94	419509	47.141	ug/l	99
6) Chloroethane	3.017	64	380608	41.152	ug/l	99
7) Trichlorofluoromethane	3.379	101	887962	41.930	ug/l	97
8) Diethyl Ether	3.821	74	361540	52.767	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	526793	52.809	ug/l	96
10) Methyl Iodide	4.419	142	675677	55.224	ug/l	97
11) Tert butyl alcohol	5.371	59	643651	223.043	ug/l	98
12) 1,1-Dichloroethene	4.181	96	456612	51.007	ug/l	89
13) Acrolein	4.038	56	113977	279.697	ug/l	100
14) Allyl chloride	4.838	41	1074982	54.314	ug/l	94
15) Acrylonitrile	5.551	53	1957326	264.863	ug/l	99
16) Acetone	4.283	43	2001477	231.637	ug/l	97
17) Carbon Disulfide	4.529	76	831678	39.303	ug/l	98
18) Methyl Acetate	4.851	43	1433545	51.038	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	2122116	56.014	ug/l	96
20) Methylene Chloride	5.095	84	606538	49.503	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	493863	49.393	ug/l	86
22) Diisopropyl ether	6.492	45	2422150	56.813	ug/l	97
23) Vinyl Acetate	6.431	43	9270033	281.126	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1195951	55.074	ug/l	98
25) 2-Butanone	7.332	43	2894789	247.417	ug/l	92
26) 2,2-Dichloropropane	7.321	77	954405	56.174	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	671817	54.202	ug/l	87
28) Bromochloromethane	7.654	49	544226	48.939	ug/l #	79
29) Tetrahydrofuran	7.681	42	1805931	251.521	ug/l	89
30) Chloroform	7.817	83	1239619	55.683	ug/l	99
31) Cyclohexane	8.094	56	981582	44.864	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1024077	55.110	ug/l	96
36) 1,1-Dichloropropene	8.220	75	817292	53.901	ug/l	96
37) Ethyl Acetate	7.410	43	1133169	55.285	ug/l	96
38) Carbon Tetrachloride	8.204	117	827665	56.539	ug/l	99
39) Methylcyclohexane	9.456	83	951836	50.463	ug/l	92
40) Benzene	8.458	78	2528313	54.021	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	590305	55.737	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1062084	57.956	ug/l	96
43) Isopropyl Acetate	8.558	43	1858643	56.455	ug/l #	94
44) Trichloroethene	9.215	130	625803	55.870	ug/l	91
45) 1,2-Dichloropropane	9.488	63	736893	58.931	ug/l	100
46) Dibromomethane	9.574	93	465633	55.595	ug/l	93
47) Bromodichloromethane	9.759	83	954948	61.101	ug/l	100
48) Methyl methacrylate	9.555	41	849611	54.852	ug/l	91
49) 1,4-Dioxane	9.566	88	274061	897.007	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	5993143	282.024	ug/l	95
52) Toluene	10.502	92	1607902	55.146	ug/l	100
53) t-1,3-Dichloropropene	10.717	75	1029683	53.395	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	1106141	54.465	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	697313	59.329	ug/l	98
56) Ethyl methacrylate	10.759	69	1144815	51.616	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	1194852	57.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1314212	232.507	ug/l	93
59) 2-Hexanone	11.084	43	4153878	232.097	ug/l	93
60) Dibromochloromethane	11.237	129	701695	54.182	ug/l	100
61) 1,2-Dibromoethane	11.344	107	698487	53.174	ug/l	99
64) Tetrachloroethene	10.977	164	569928	54.736	ug/l	96
65) Chlorobenzene	11.768	112	1817534	56.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	674021	60.542	ug/l	99
67) Ethyl Benzene	11.843	91	3314554	55.991	ug/l	97
68) m/p-Xylenes	11.950	106	2428944	111.561	ug/l	93
69) o-Xylene	12.278	106	1236523	56.968	ug/l	92
70) Styrene	12.294	104	2047272	52.456	ug/l	96
71) Bromoform	12.457	173	505317	52.117	ug/l #	99
73) Isopropylbenzene	12.578	105	3337722	57.109	ug/l	99
74) N-amyl acetate	12.387	43	1346816	54.376	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	1047898	53.161	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	882347m	52.087	ug/l	
77) Bromobenzene	12.859	156	755662	56.535	ug/l	80
78) n-propylbenzene	12.918	91	3805966	57.874	ug/l	96
79) 2-Chlorotoluene	13.004	91	2328241	57.179	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2707103	57.296	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	280017	49.297	ug/l	94
82) 4-Chlorotoluene	13.104	91	2226701	57.365	ug/l	93
83) tert-Butylbenzene	13.321	119	2434151	58.790	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2636196	57.795	ug/l	98
85) sec-Butylbenzene	13.500	105	3377712	58.400	ug/l	98
86) p-Isopropyltoluene	13.613	119	2697178	58.744	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1288283	55.592	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1251731	55.060	ug/l	97
89) n-Butylbenzene	13.940	91	2210186	57.725	ug/l	98
90) Hexachloroethane	14.209	117	461379	54.467	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	1255883	56.953	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	183244	50.001	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	579702	50.162	ug/l	98
94) Hexachlorobutadiene	15.367	225	357092	62.324	ug/l	99
95) Naphthalene	15.504	128	1424375	44.272	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	547634	49.594	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

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

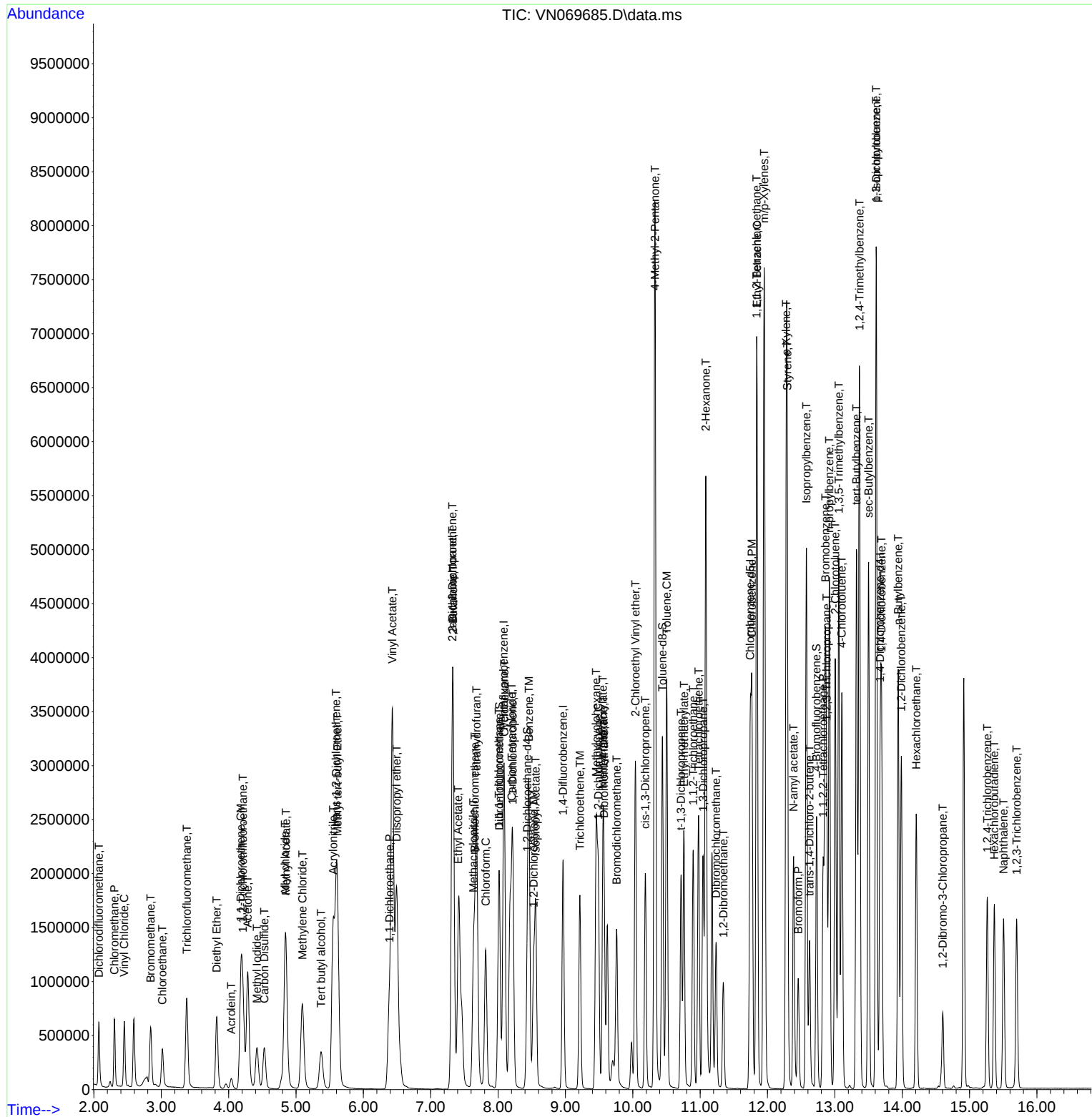
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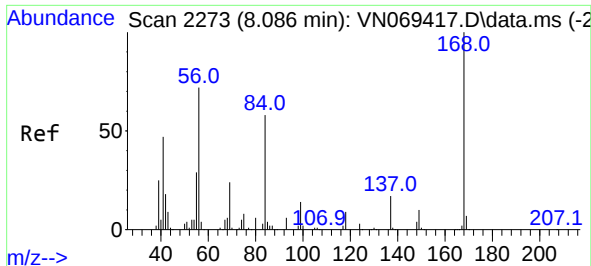
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Manual Integrations APPROVED

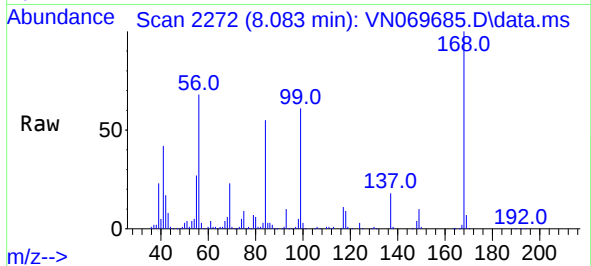
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069685.D
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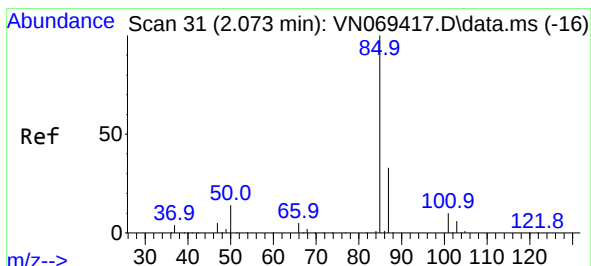
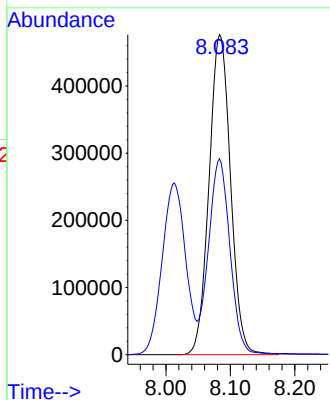
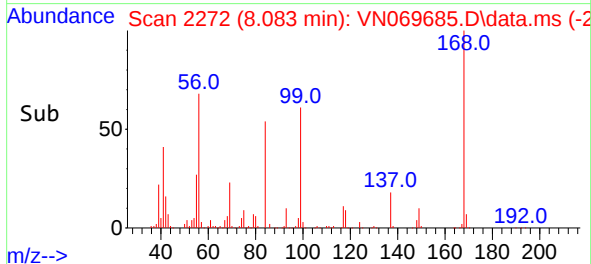
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 110449
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9

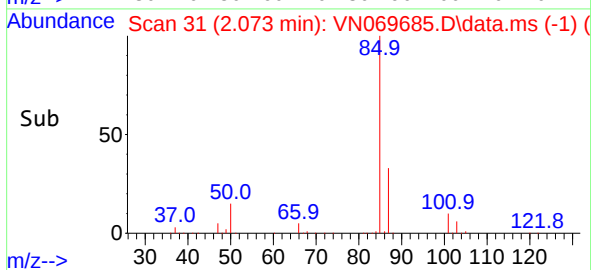
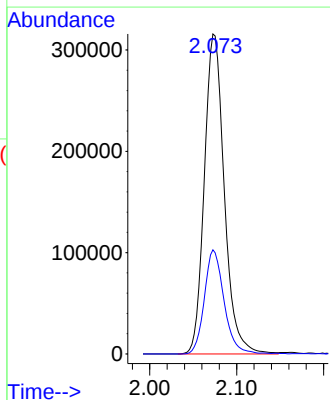
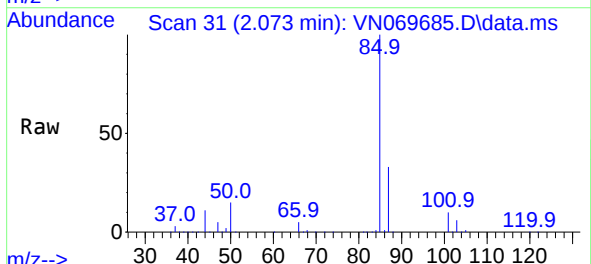
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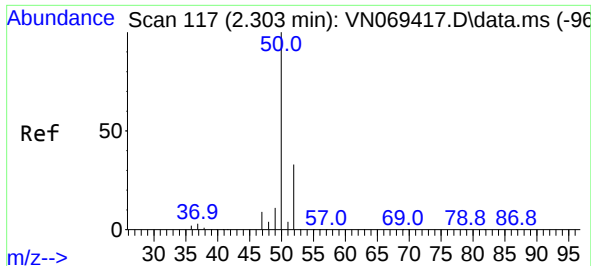
Reviewed By :John Carlone 12/01/2021
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#2
Dichlorodifluoromethane
Concen: 42.707 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

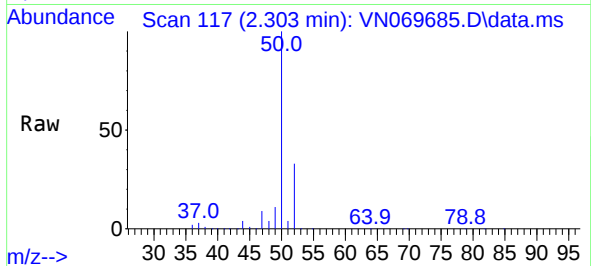
Tgt Ion: 85 Resp: 503934
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 42.387 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

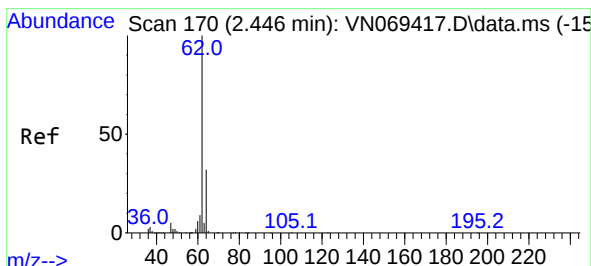
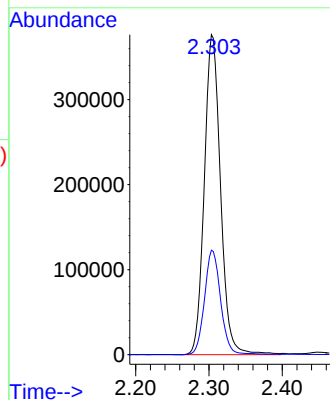
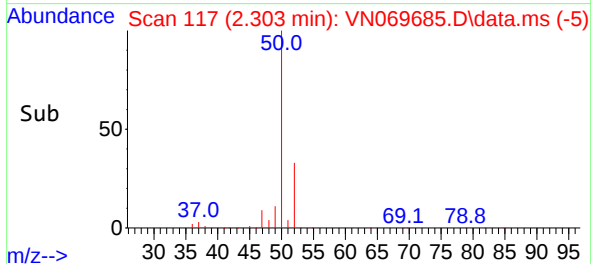
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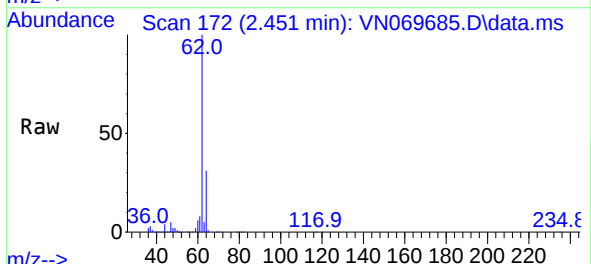
Tgt Ion: 50 Resp: 58005
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

Manual Integrations
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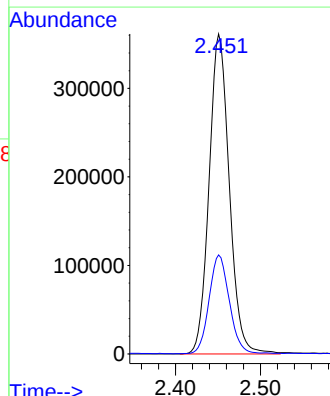
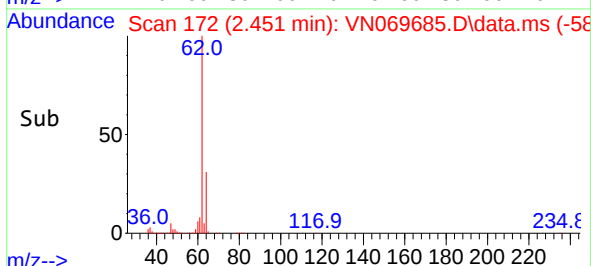
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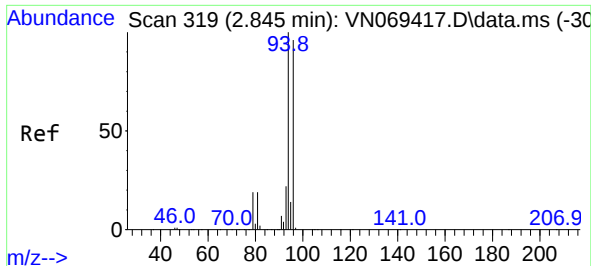


#4
Vinyl Chloride
Concen: 43.582 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



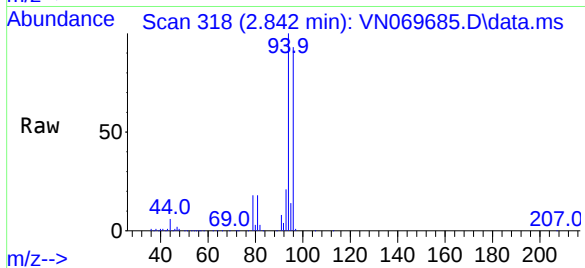
Tgt Ion: 62 Resp: 597174
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6





#5
Bromomethane
Concen: 47.141 ug/l
RT: 2.842 min Scan# 319
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

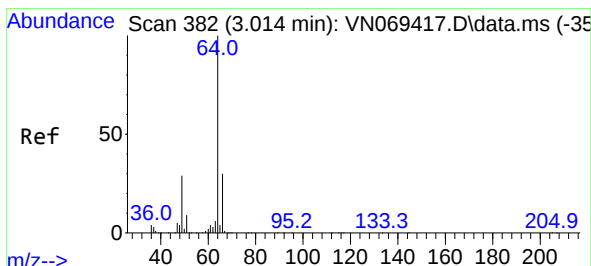
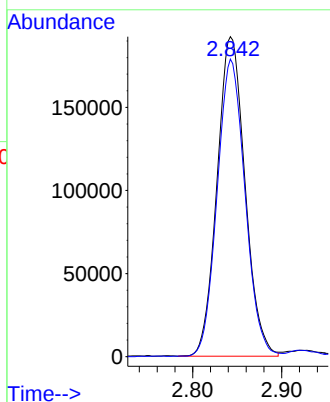
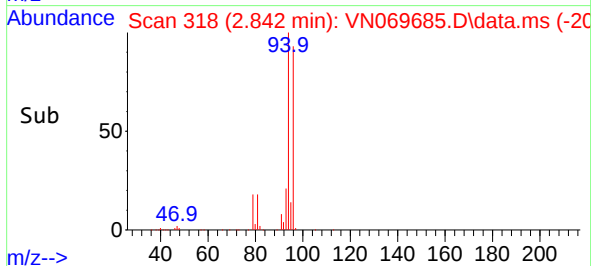
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Tgt Ion: 94 Resp: 419509
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.8

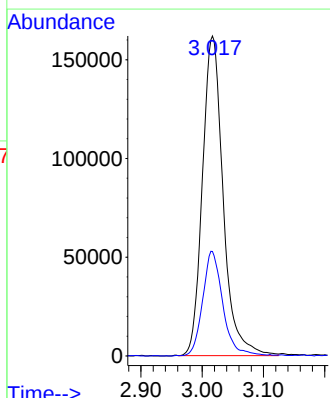
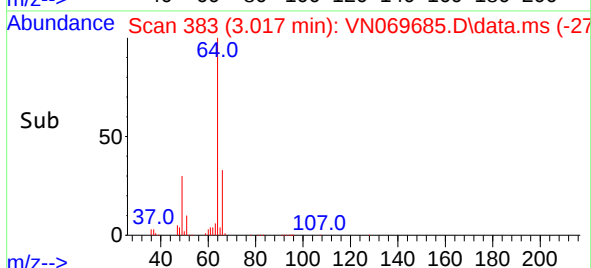
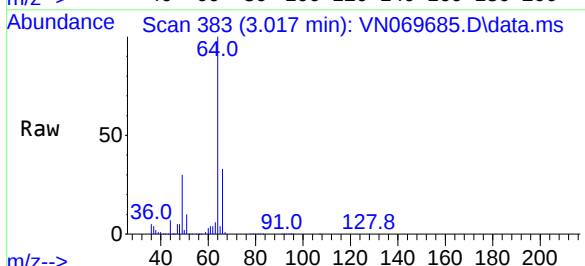
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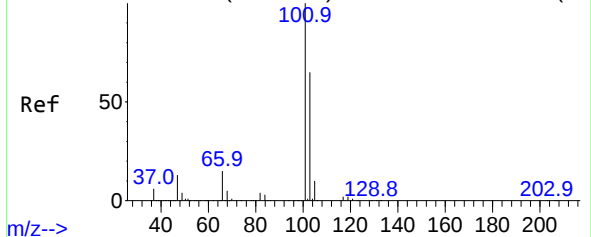


#6
Chloroethane
Concen: 41.152 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion: 64 Resp: 380608
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5



Abundance Scan 515 (3.371 min): VN069417.D\data.ms (-48



#7

Trichlorofluoromethane

Concen: 41.930 ug/l

RT: 3.379 min Scan# 515

Delta R.T. 0.008 min

Lab File: VN069685.D

Acq: 30 Nov 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 887962

Ion Ratio Lower Upper

101 100

103 64.8 50.1 75.1

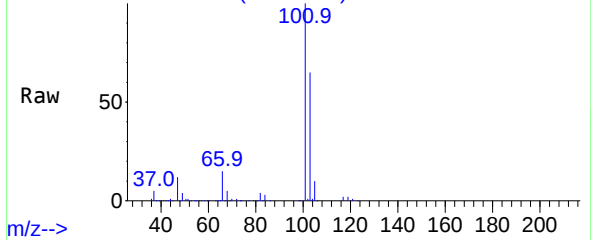
Manual Integrations

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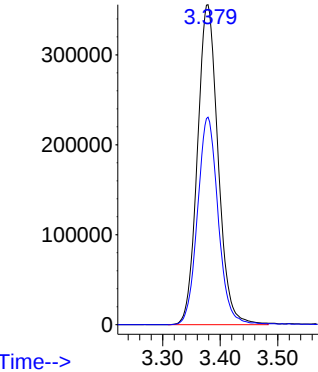
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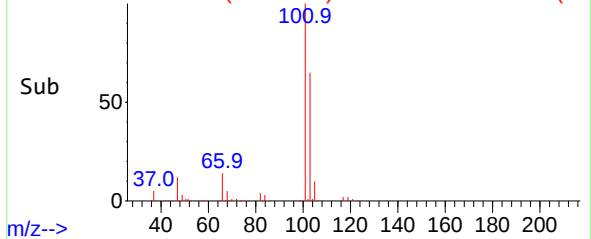
Abundance Scan 518 (3.379 min): VN069685.D\data.ms



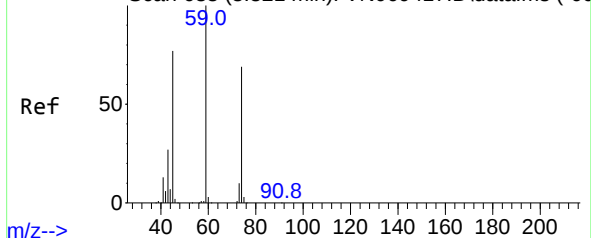
Abundance



Abundance Scan 518 (3.379 min): VN069685.D\data.ms (-40



Abundance Scan 683 (3.821 min): VN069417.D\data.ms (-66



#8

Diethyl Ether

Concen: 52.767 ug/l

RT: 3.821 min Scan# 683

Delta R.T. 0.000 min

Lab File: VN069685.D

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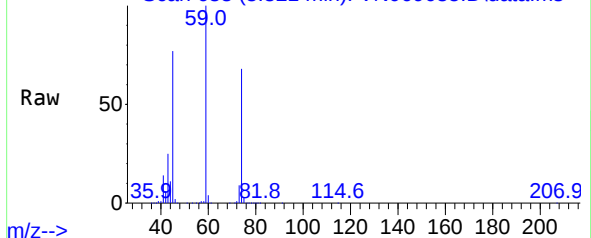
Tgt Ion: 74 Resp: 361540

Ion Ratio Lower Upper

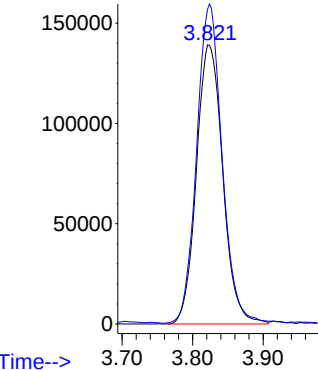
74 100

45 109.8 47.0 141.2

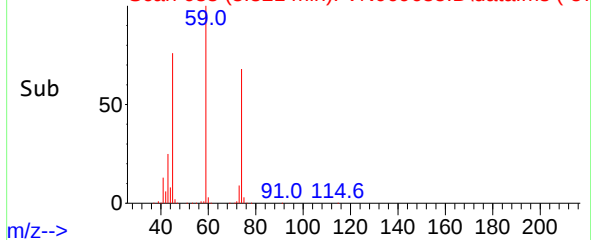
Abundance Scan 683 (3.821 min): VN069685.D\data.ms



Abundance



Abundance Scan 683 (3.821 min): VN069685.D\data.ms (-57





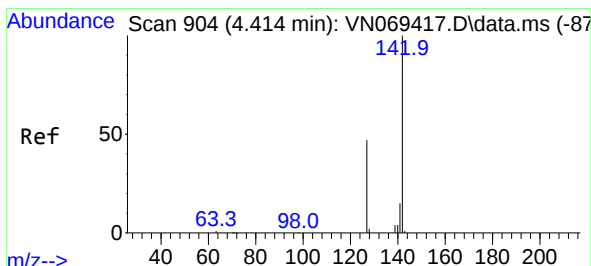
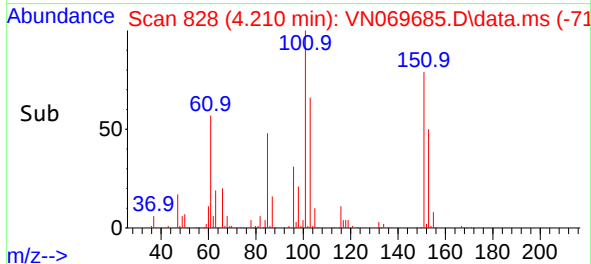
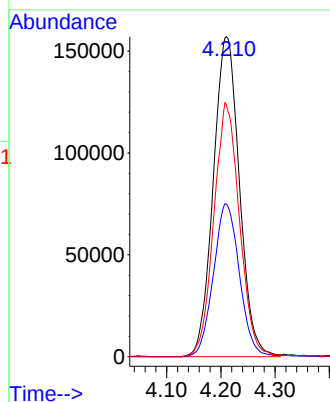
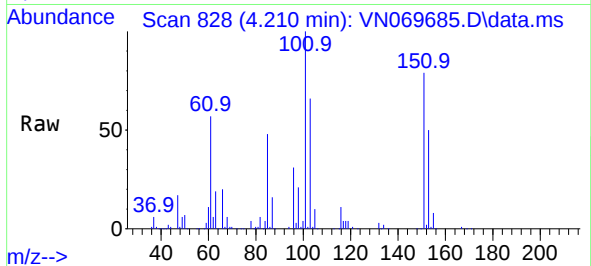
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.809 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 52679
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 77.8 65.9 98.9

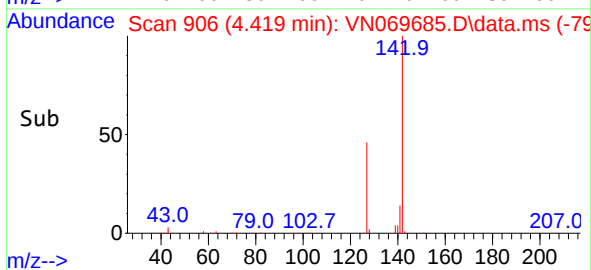
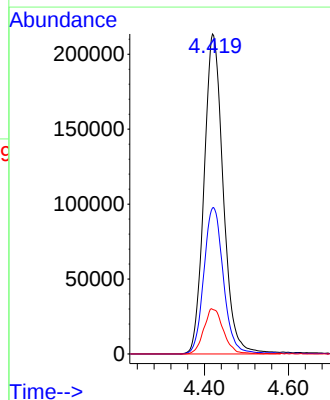
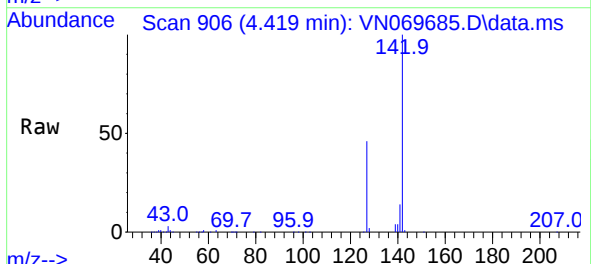
Manual Integrations
APPROVED

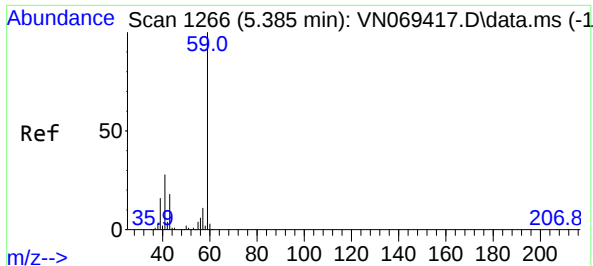
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#10
Methyl Iodide
Concen: 55.224 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

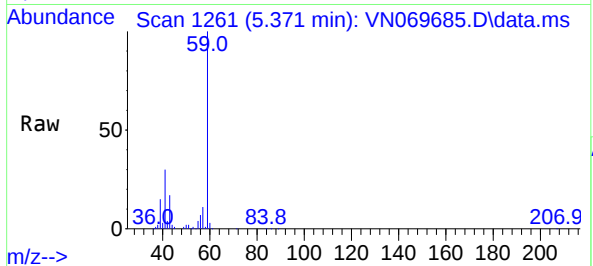
Tgt Ion:142 Resp: 675677
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 223.043 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.014 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

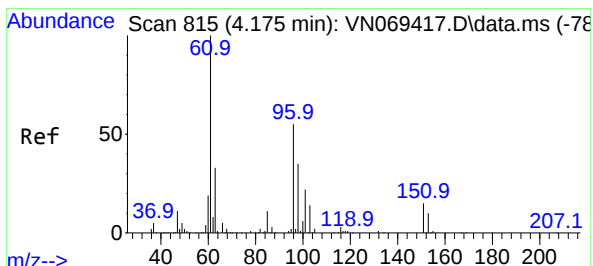
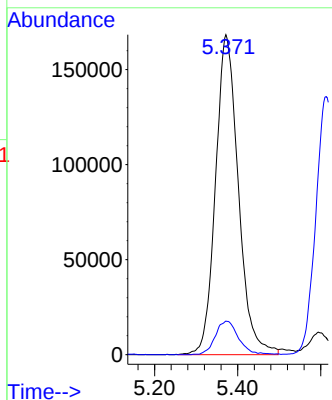
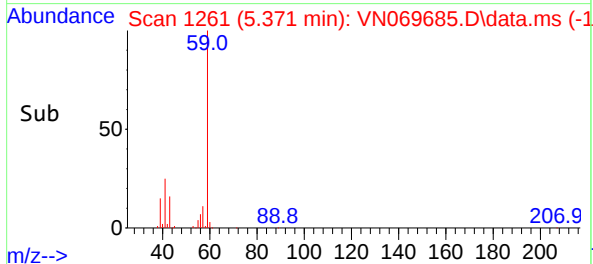
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



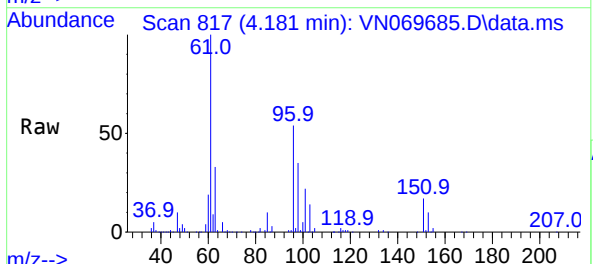
Tgt Ion: 59 Resp: 64365
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

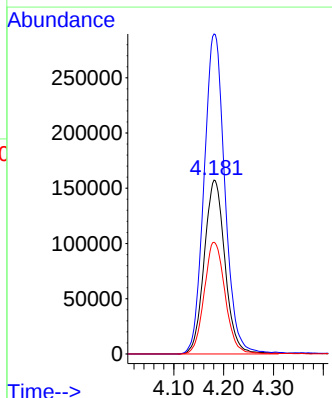
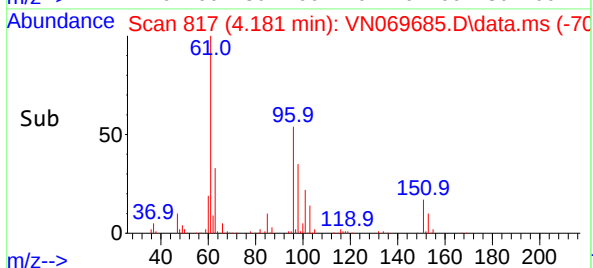
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

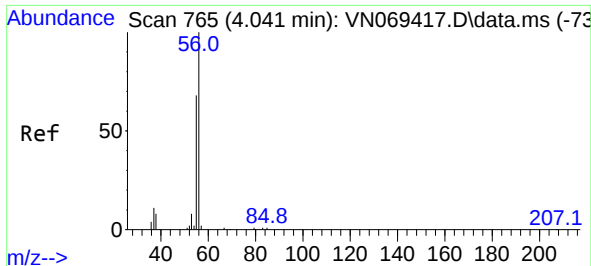


#12
1,1-Dichloroethene
Concen: 51.007 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



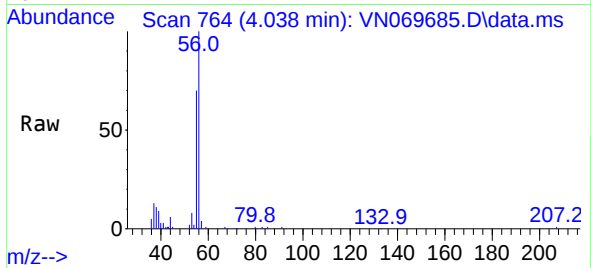
Tgt Ion: 96 Resp: 456612
Ion Ratio Lower Upper
96 100
61 184.0 131.0 196.6
98 64.2 52.4 78.6





#13
Acrolein
Concen: 279.697 ug/l
RT: 4.038 min Scan# 765
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

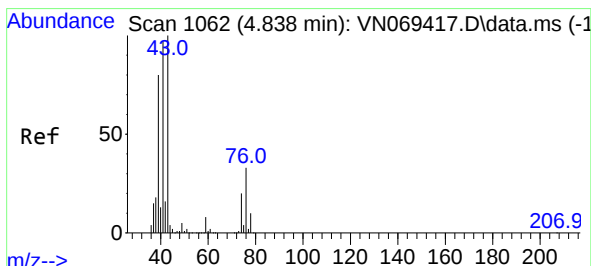
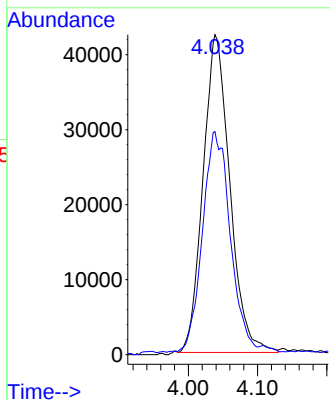
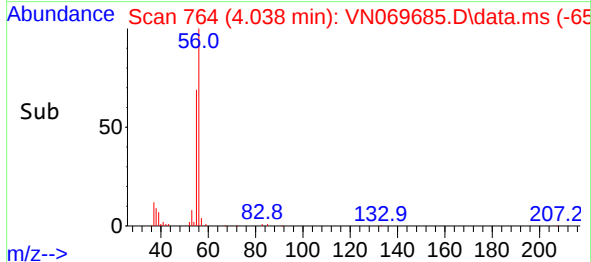
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



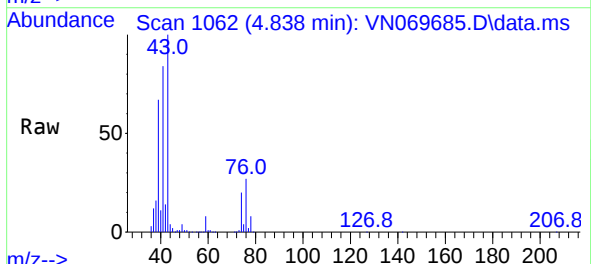
Tgt Ion: 56 Resp: 113972
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

Manual Integrations
APPROVED

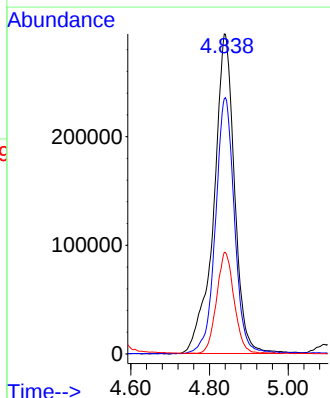
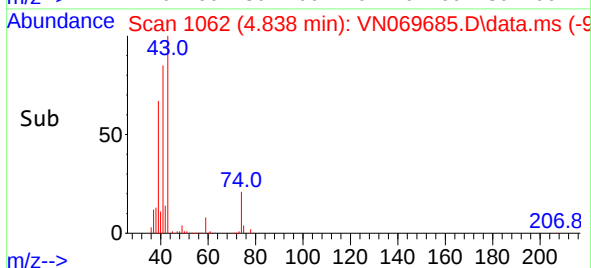
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

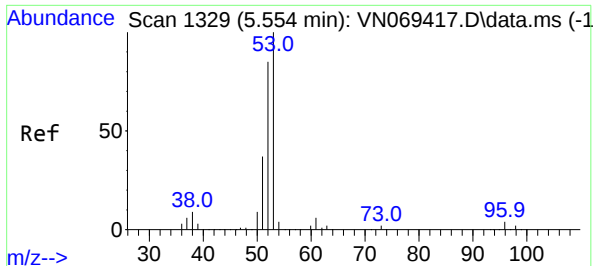


#14
Allyl chloride
Concen: 54.314 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



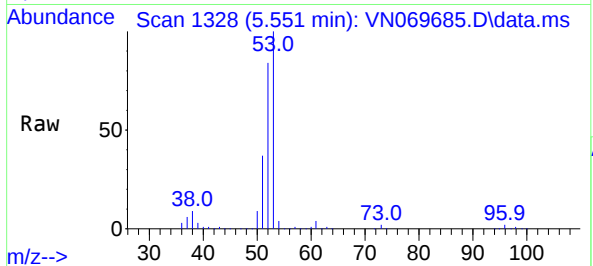
Tgt Ion: 41 Resp: 1074982
Ion Ratio Lower Upper
41 100
39 73.0 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 264.863 ug/l
RT: 5.551 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

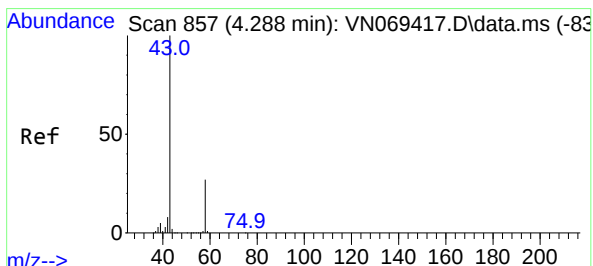
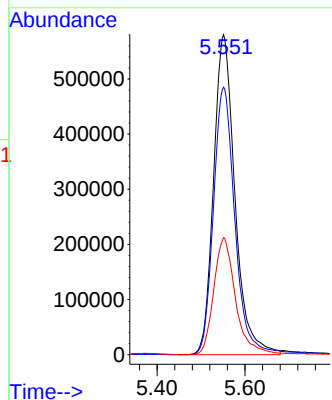
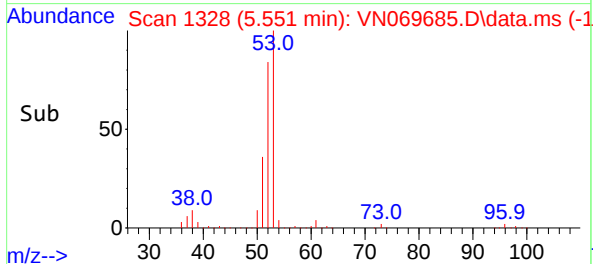
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1957320
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.3 29.6 44.4

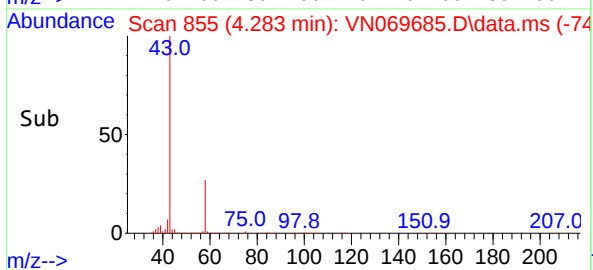
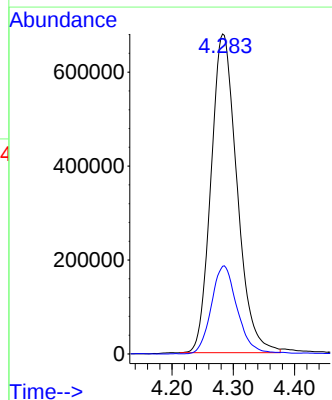
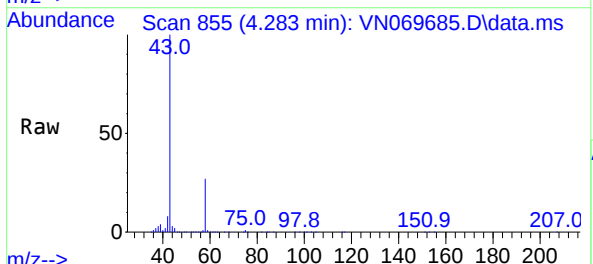
Manual Integrations
APPROVED

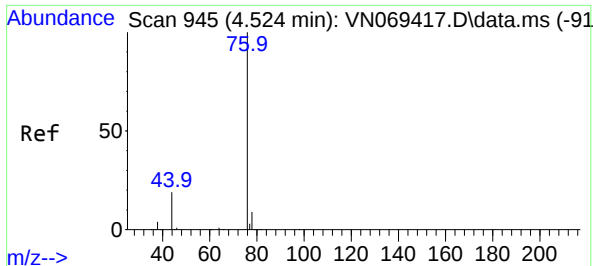
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 231.637 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

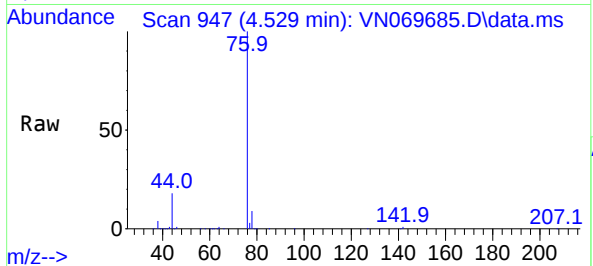
Tgt Ion: 43 Resp: 2001477
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 39.303 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

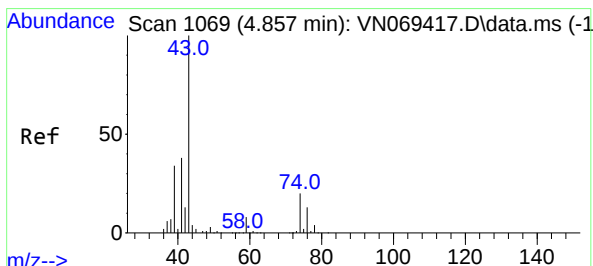
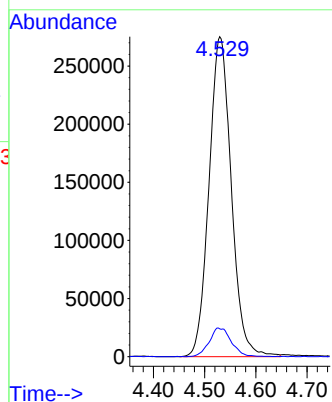
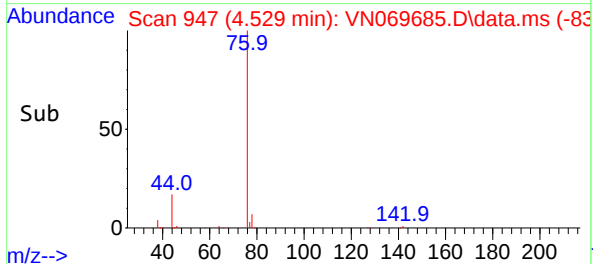
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 831678
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

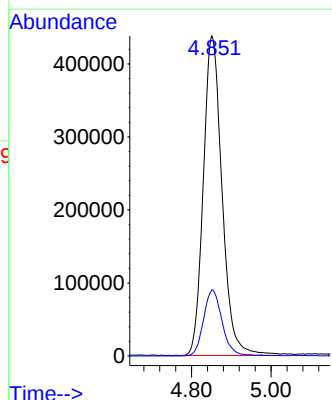
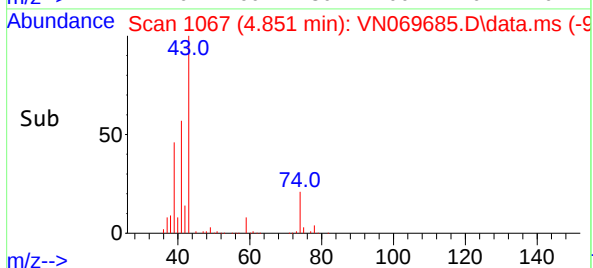
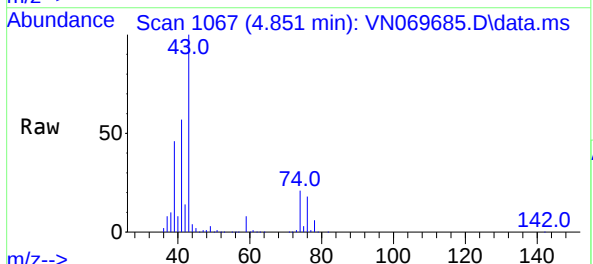
Manual Integrations
APPROVED

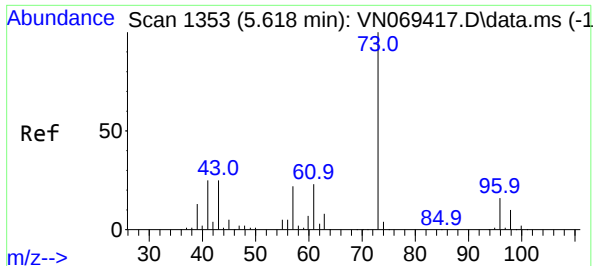
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#18
Methyl Acetate
Concen: 51.038 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion: 43 Resp: 1433545
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





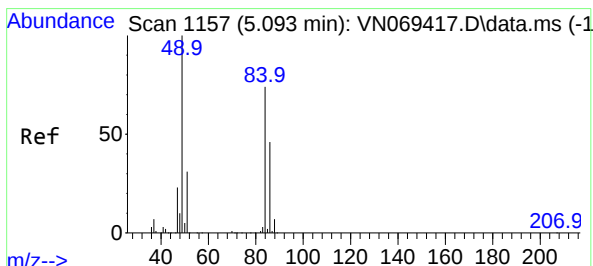
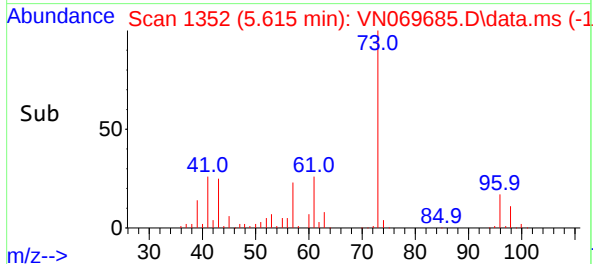
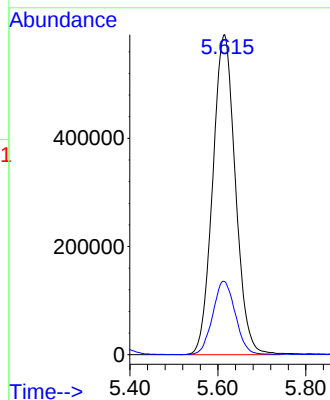
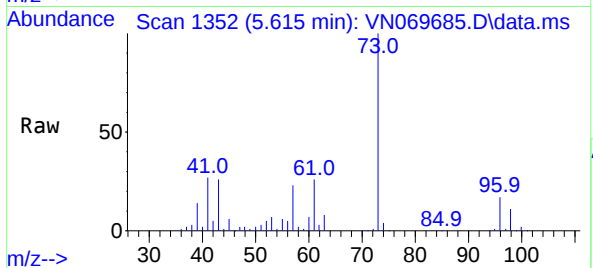
Methyl tert-butyl Ether
 Concen: 56.014 ug/l
 RT: 5.615 min Scan# 1152
 Delta R.T. -0.003 min
 Lab File: VN069685.D
 Acq: 30 Nov 2021 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 73 Resp: 2122110
 Ion Ratio Lower Upper
 73 100
 57 22.8 16.8 25.2

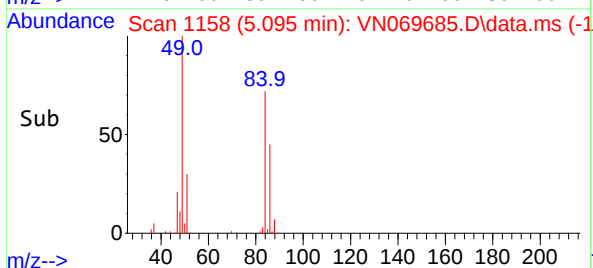
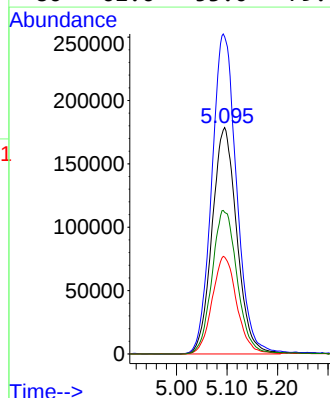
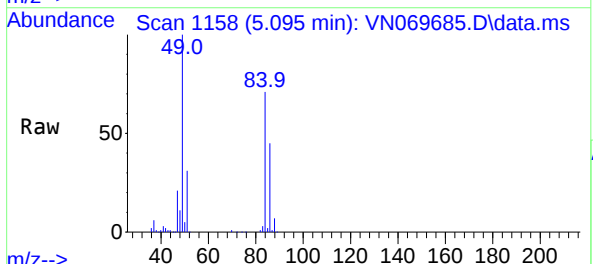
Manual Integrations
 APPROVED

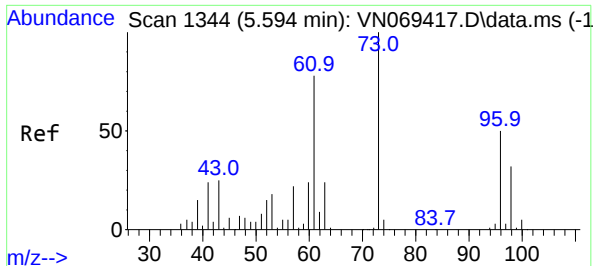
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021



Methylene Chloride
 Concen: 49.503 ug/l
 RT: 5.095 min Scan# 1158
 Delta R.T. 0.002 min
 Lab File: VN069685.D
 Acq: 30 Nov 2021 17:35

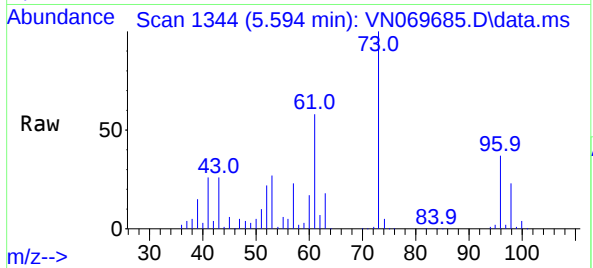
Tgt Ion: 84 Resp: 606538
 Ion Ratio Lower Upper
 84 100
 49 140.1 93.5 140.3
 51 42.8 29.4 44.2
 86 62.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.393 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

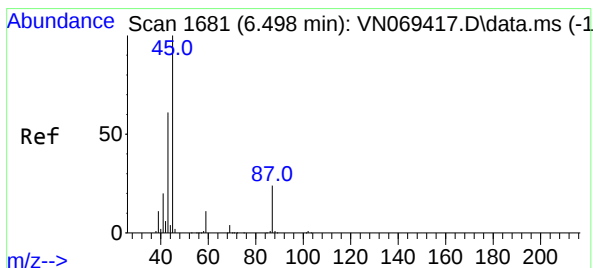
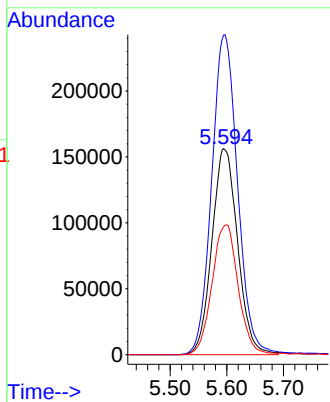
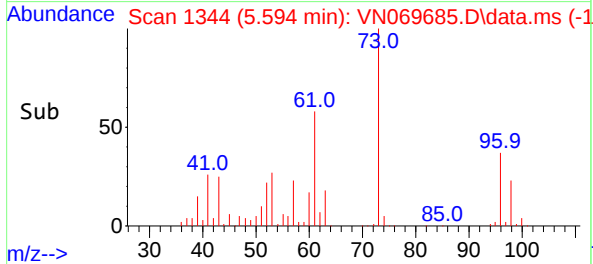
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 49386
Ion Ratio Lower Upper
96 100
61 155.0 105.8 158.6
98 62.1 52.0 78.0

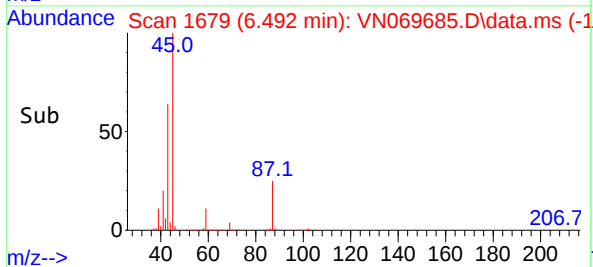
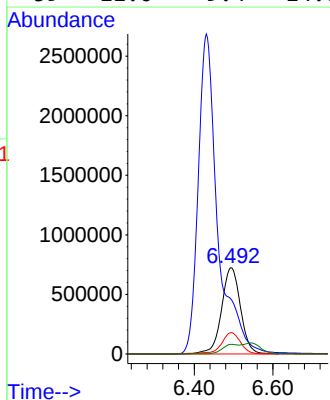
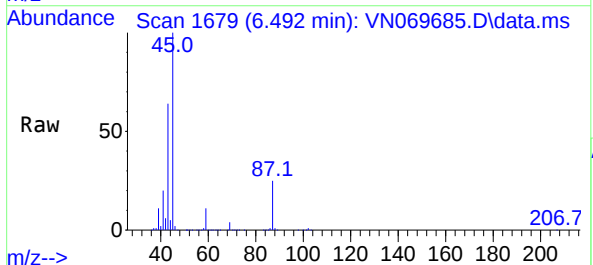
Manual Integrations
APPROVED

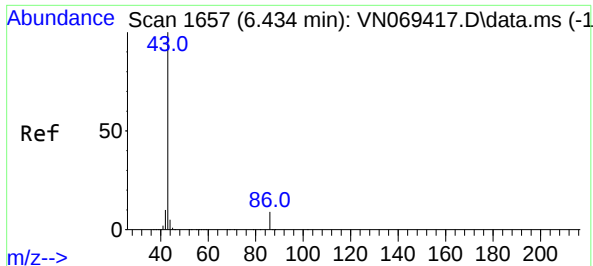
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#22
Diisopropyl ether
Concen: 56.813 ug/l
RT: 6.492 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion: 45 Resp: 2422150
Ion Ratio Lower Upper
45 100
43 63.9 51.7 77.5
87 24.6 23.2 34.8
59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 281.126 ug/l

RT: 6.431 min Scan# 1656

Delta R.T. -0.003 min

Lab File: VN069685.D

Acq: 30 Nov 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 927003

Ion Ratio Lower Upper

43 100

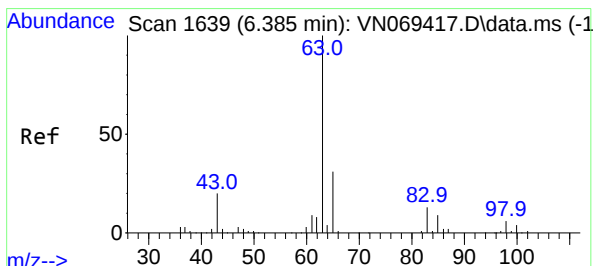
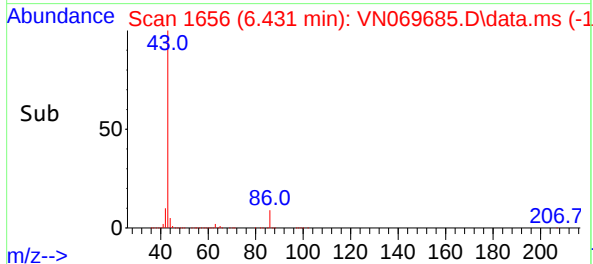
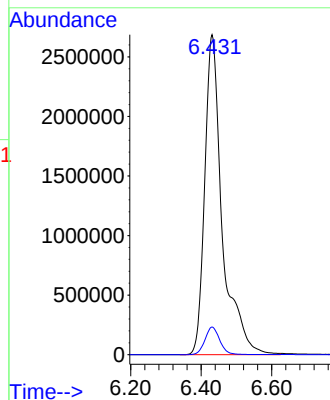
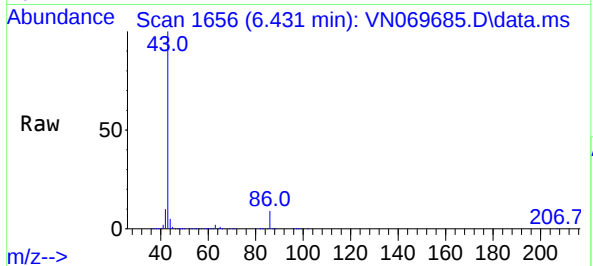
86 8.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#24

1,1-Dichloroethane

Concen: 55.074 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN069685.D

Acq: 30 Nov 2021 17:35

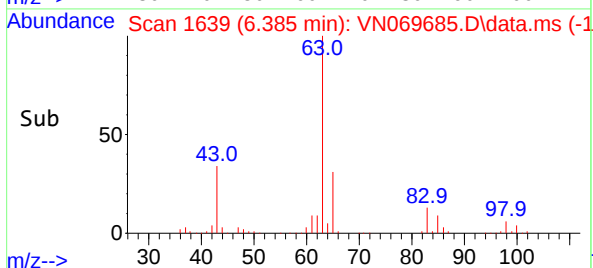
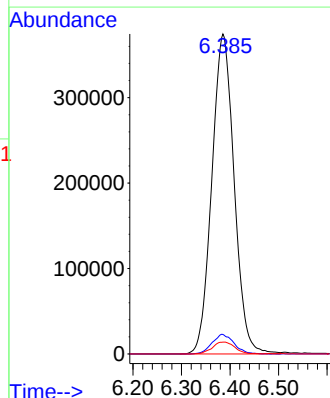
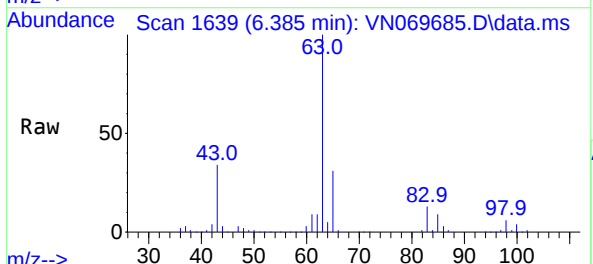
Tgt Ion: 63 Resp: 1195951

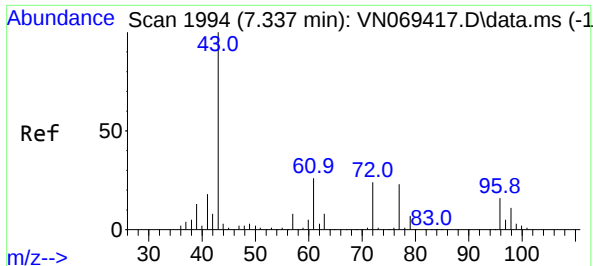
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.9

100 3.7 2.1 6.5





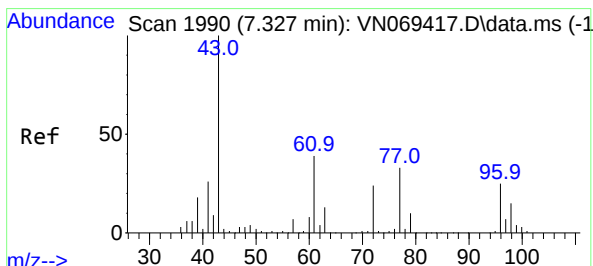
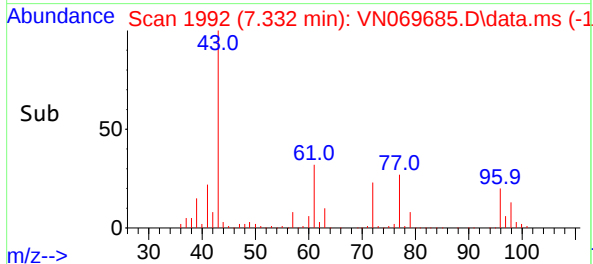
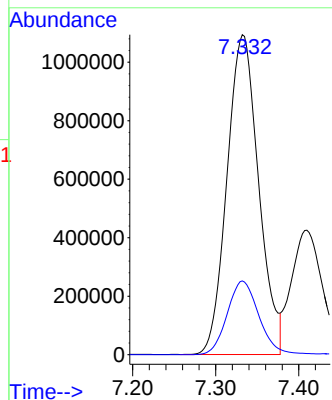
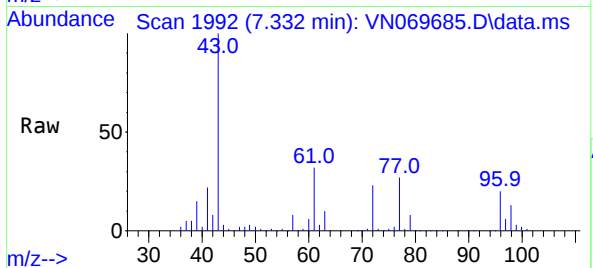
#25
2-Butanone
Concen: 247.417 ug/l
RT: 7.332 min Scan# 1988
Delta R.T. -0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2894789
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

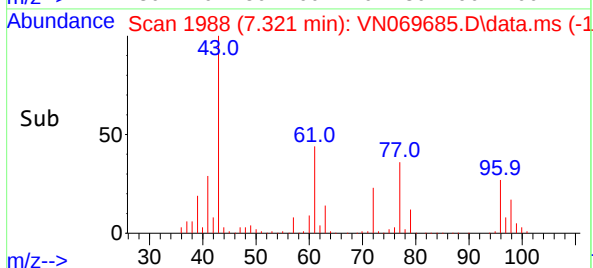
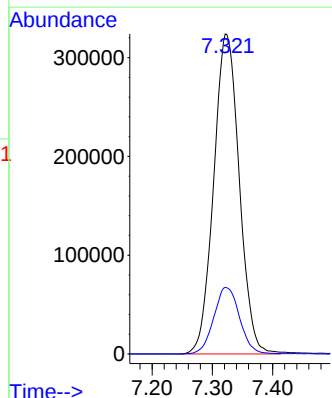
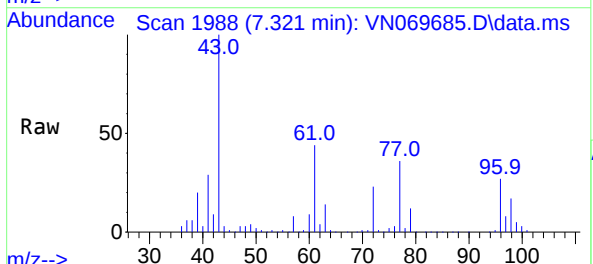
Manual Integrations
APPROVED

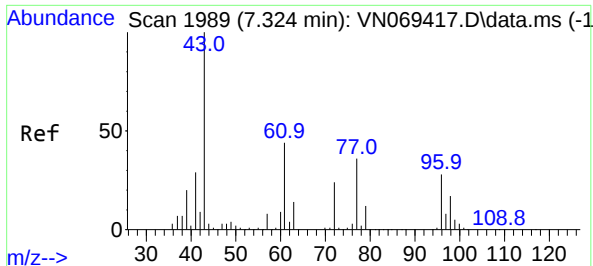
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#26
2,2-Dichloropropane
Concen: 56.174 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion: 77 Resp: 954405
Ion Ratio Lower Upper
77 100
97 21.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 54.202 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

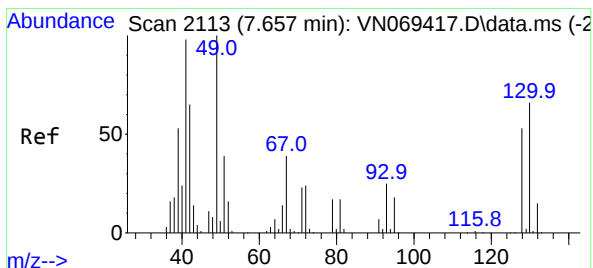
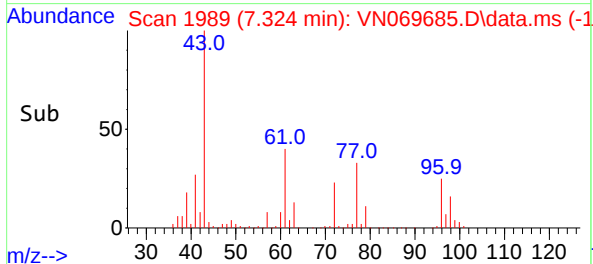
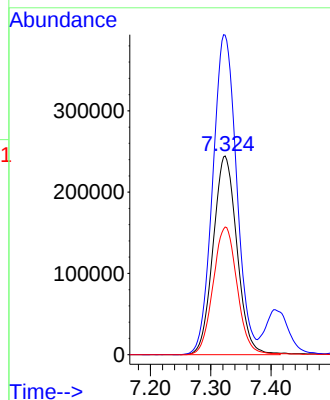
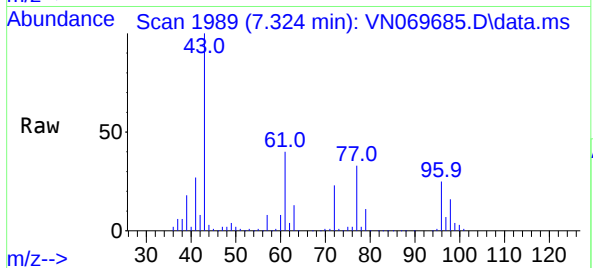
VSTDCCC050EC

Tgt Ion: 96 Resp: 67181
Ion Ratio Lower Upper
96 100
61 161.2 0.0 275.0
98 64.7 0.0 129.6

Manual Integrations

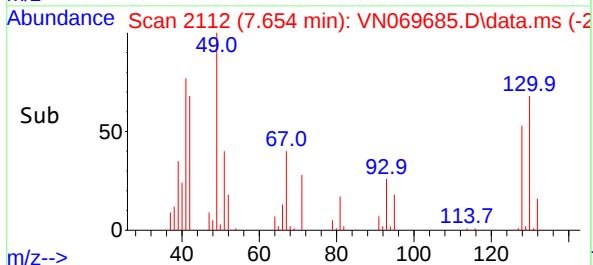
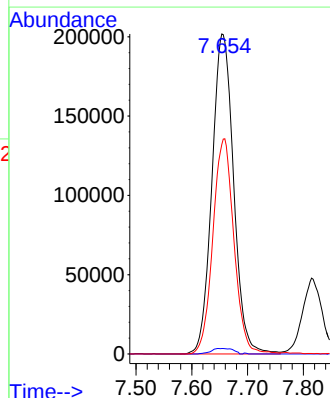
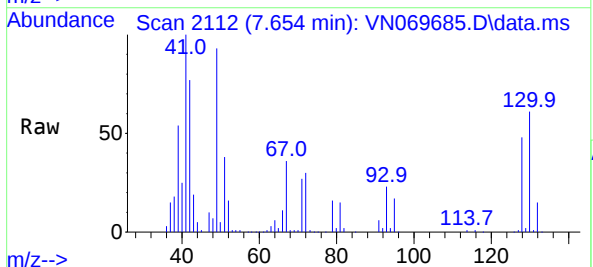
APPROVED

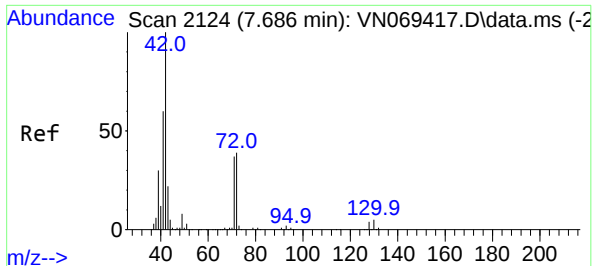
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#28
Bromochloromethane
Concen: 48.939 ug/l
RT: 7.654 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion: 49 Resp: 544226
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 65.4 67.8 101.8#





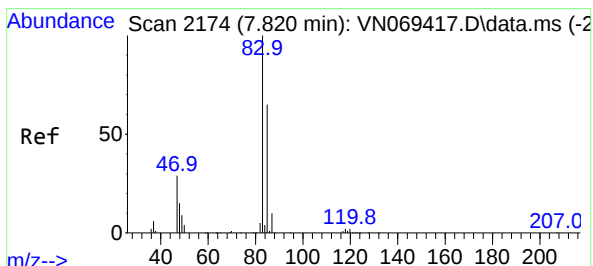
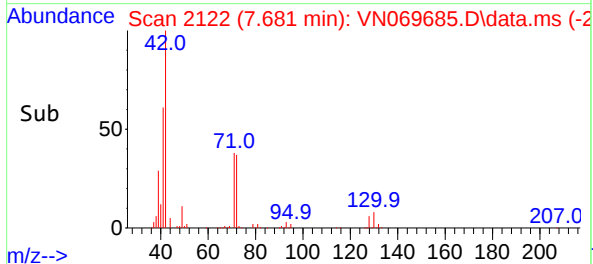
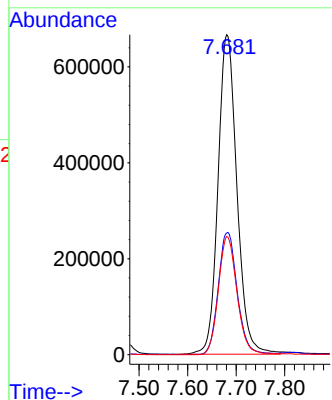
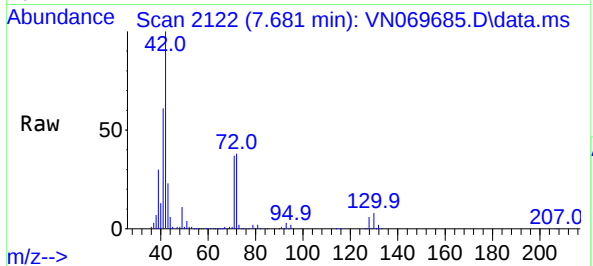
#29
Tetrahydrofuran
Concen: 251.521 ug/l
RT: 7.681 min Scan# 2122
Delta R.T. -0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 180593
Ion Ratio Lower Upper
42 100
72 38.3 36.3 54.5
71 36.2 34.7 52.1

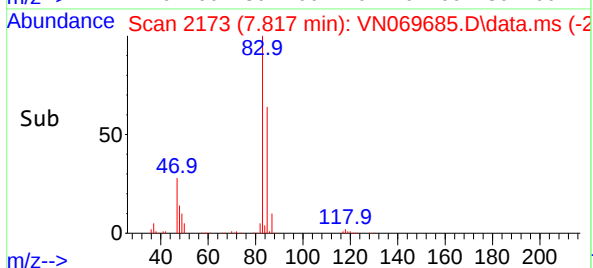
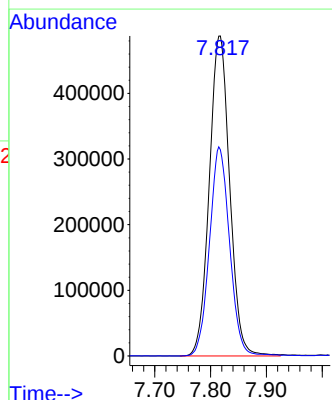
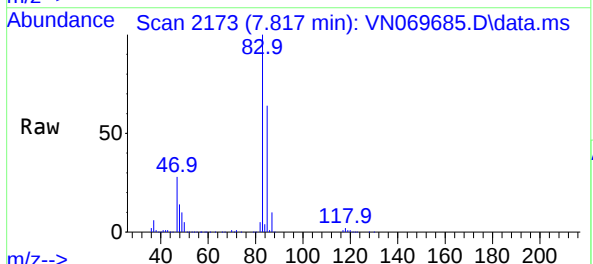
Manual Integrations
APPROVED

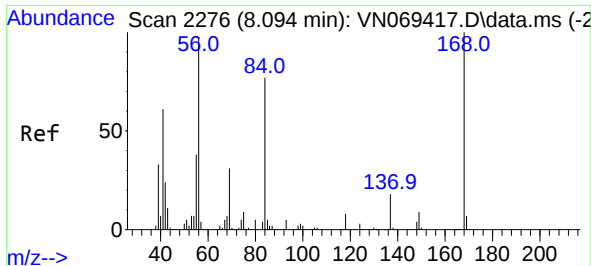
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#30
Chloroform
Concen: 55.683 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

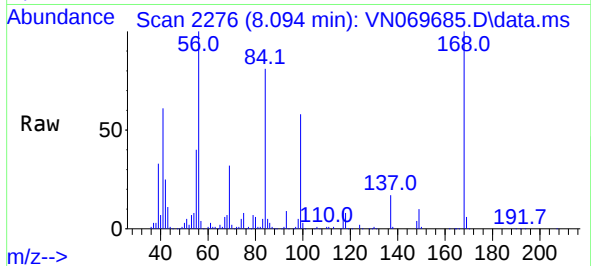
Tgt Ion: 83 Resp: 1239619
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 44.864 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

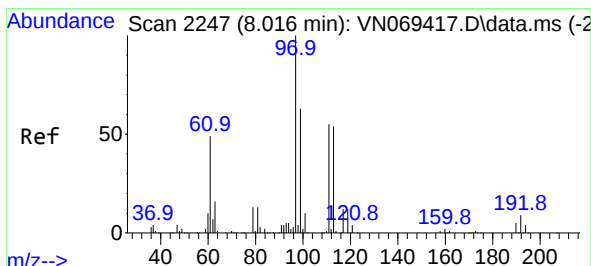
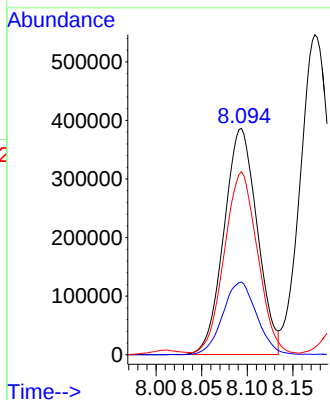
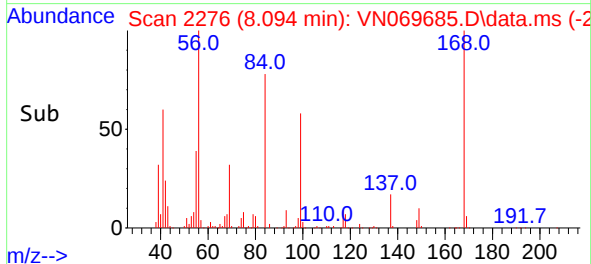
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



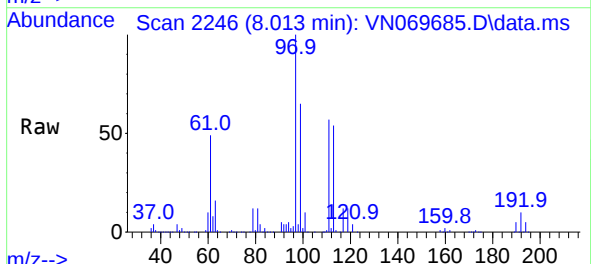
Tgt Ion: 56 Resp: 98158
Ion Ratio Lower Upper
56 100
69 32.1 27.1 40.7
84 79.5 73.4 110.0

Manual Integrations
APPROVED

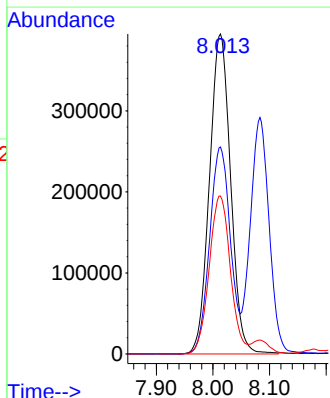
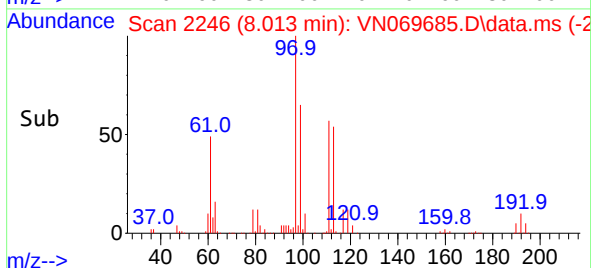
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#32
1,1,1-Trichloroethane
Concen: 55.110 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion: 97 Resp: 1024077
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 49.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.907 ug/l

RT: 8.434 min Scan# 2405

Delta R.T. -0.006 min

Lab File: VN069685.D

Acq: 30 Nov 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 815264

Ion Ratio Lower Upper

65 100

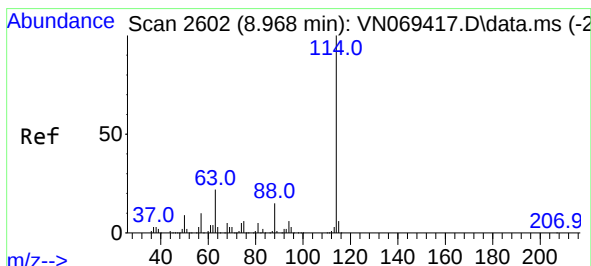
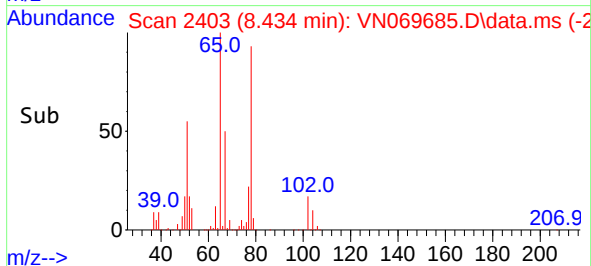
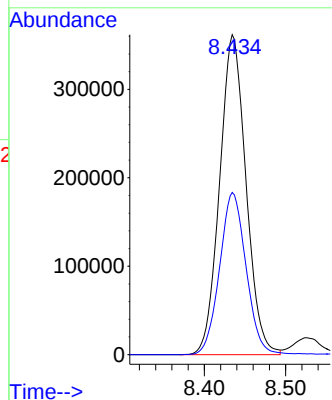
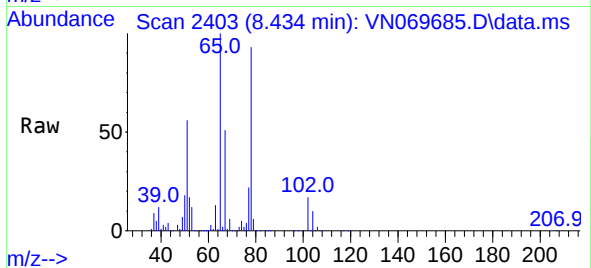
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069685.D

Acq: 30 Nov 2021 17:35

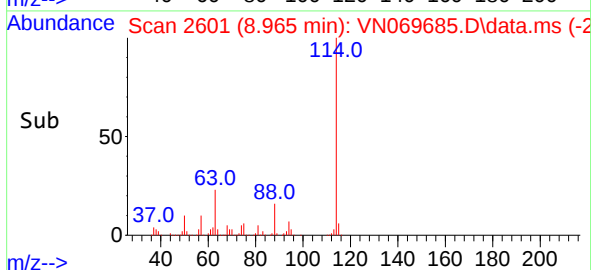
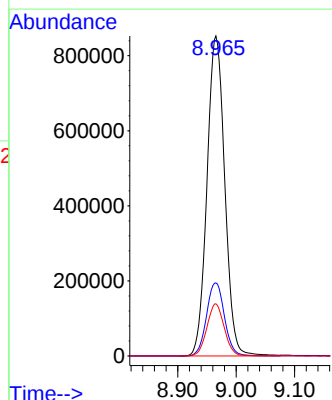
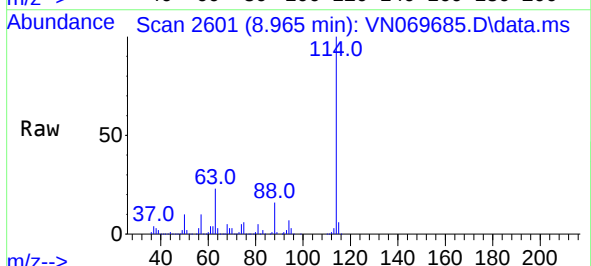
Tgt Ion:114 Resp: 1802009

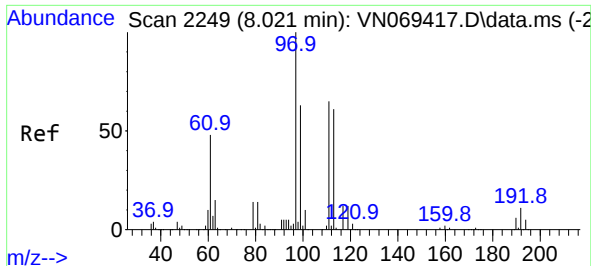
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

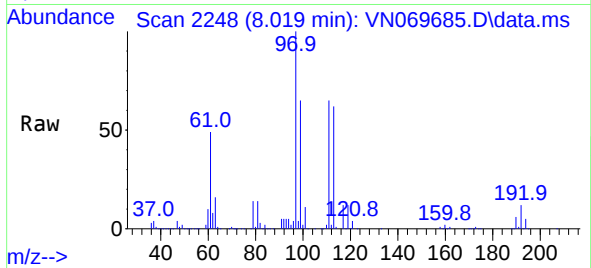
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.779 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

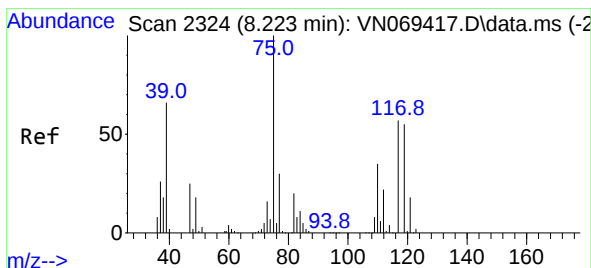
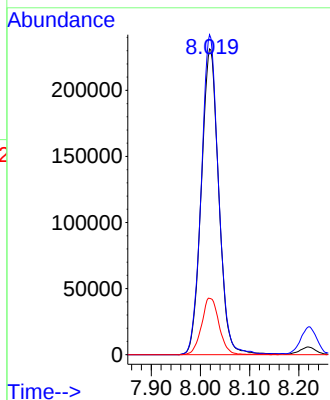
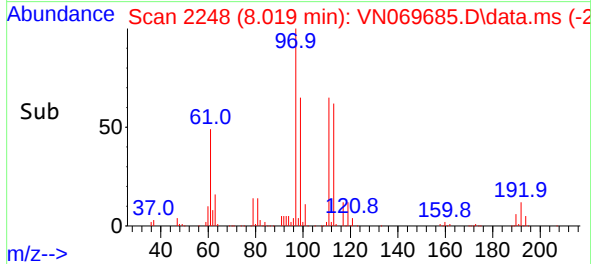
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



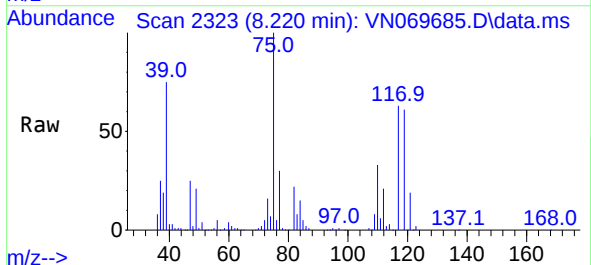
Tgt Ion:113 Resp: 570418
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.5 16.9 25.3

Manual Integrations
APPROVED

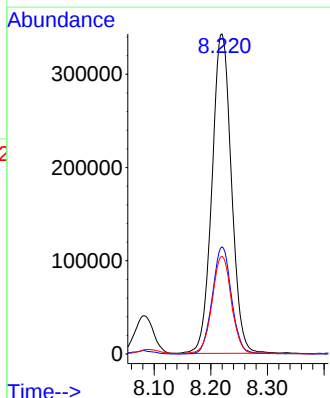
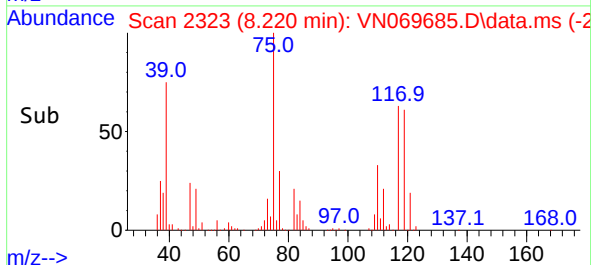
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

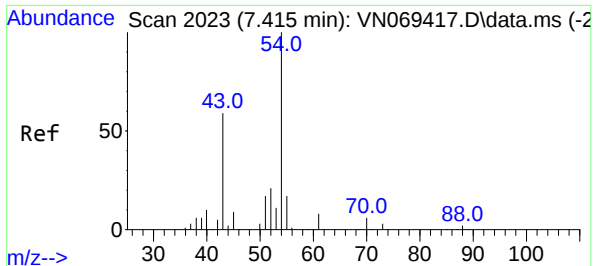


#36
1,1-Dichloropropene
Concen: 53.901 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion: 75 Resp: 817292
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 55.285 ug/l
RT: 7.410 min Scan# 2021
Delta R.T. -0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

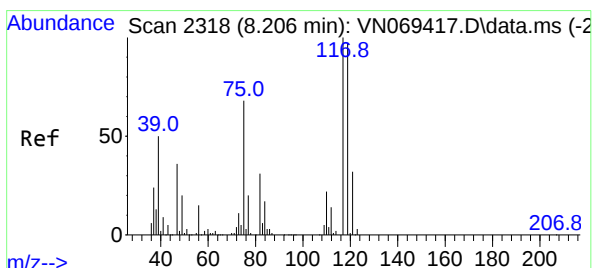
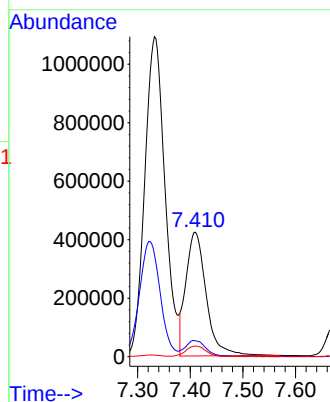
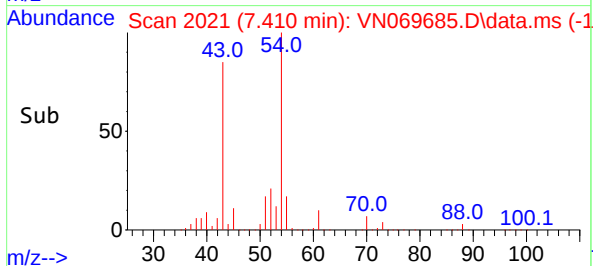
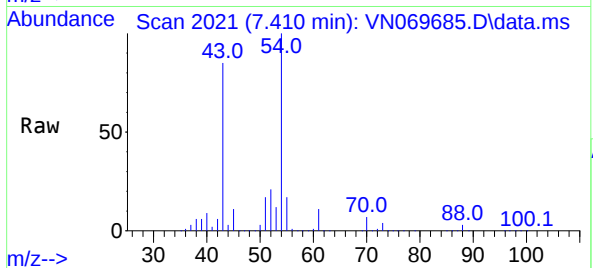
VSTDCCC050EC

Tgt Ion: 43 Resp: 1133165
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 8.1 7.9 11.9

Manual Integrations

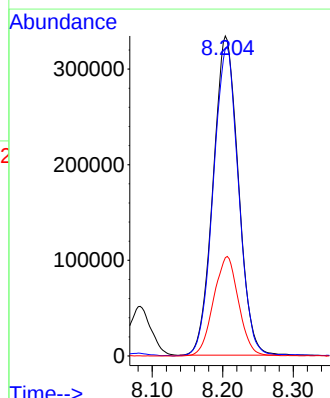
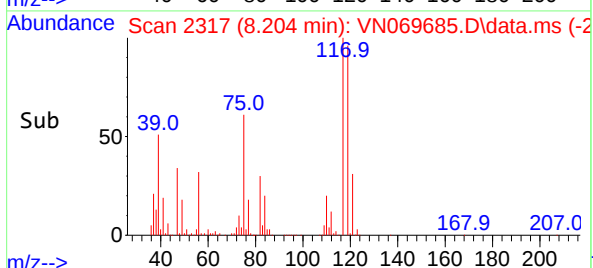
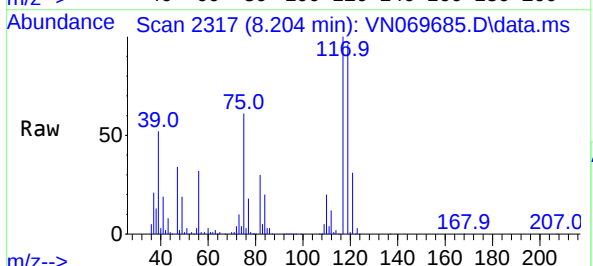
APPROVED

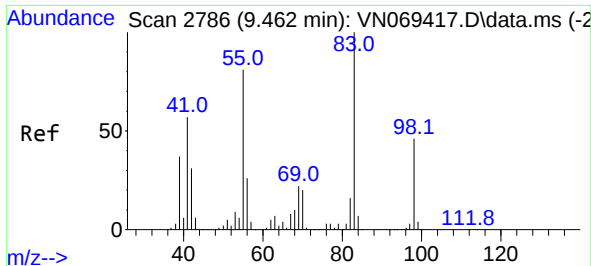
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#38
Carbon Tetrachloride
Concen: 56.539 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion:117 Resp: 827665
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1
121 30.8 24.2 36.2





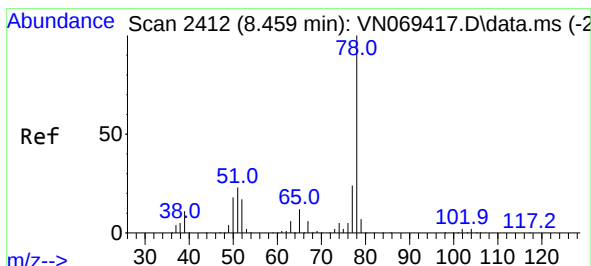
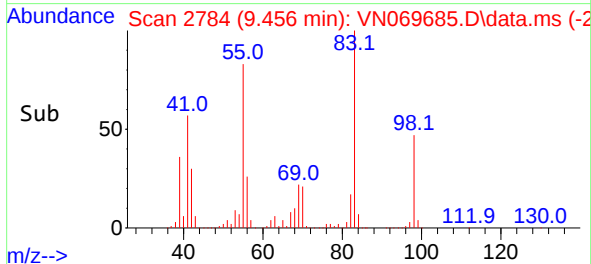
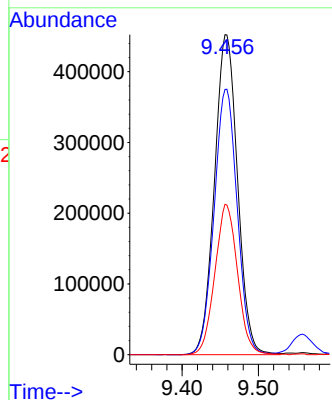
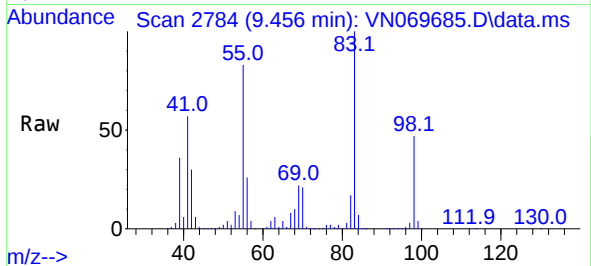
#39
Methylcyclohexane
Concen: 50.463 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 951830
Ion Ratio Lower Upper
83 100
55 82.9 58.1 87.1
98 47.0 38.4 57.6

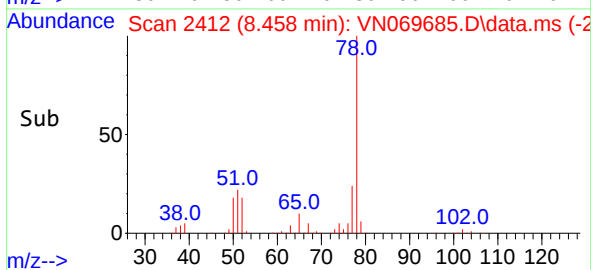
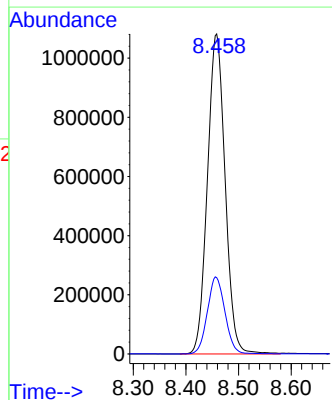
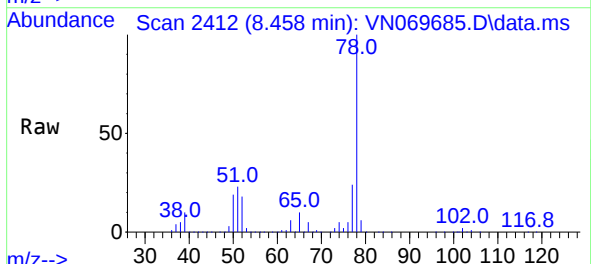
Manual Integrations
APPROVED

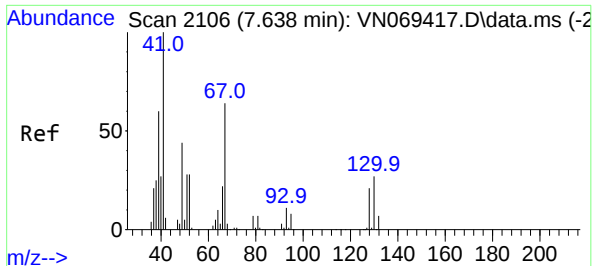
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#40
Benzene
Concen: 54.021 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion: 78 Resp: 2528313
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 55.737 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

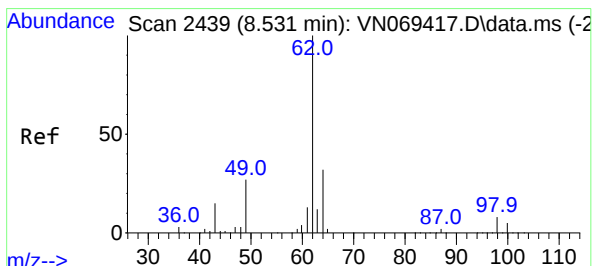
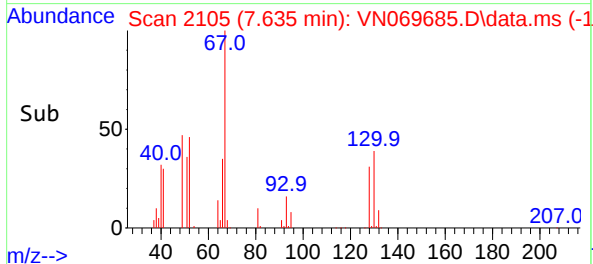
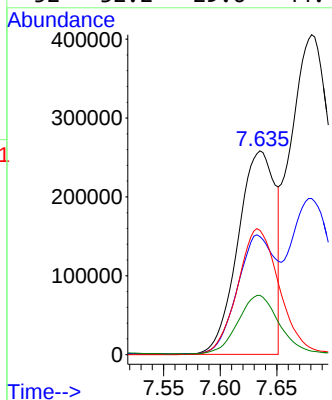
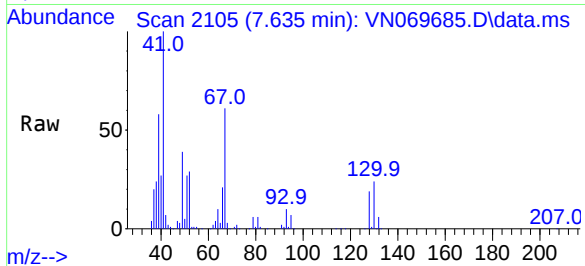
VSTDCCC050EC

Tgt Ion: 41 Resp: 590309
Ion Ratio Lower Upper
41 100
39 60.9 48.1 72.1
67 70.4 68.3 102.5
52 32.2 29.6 44.4

Manual Integrations

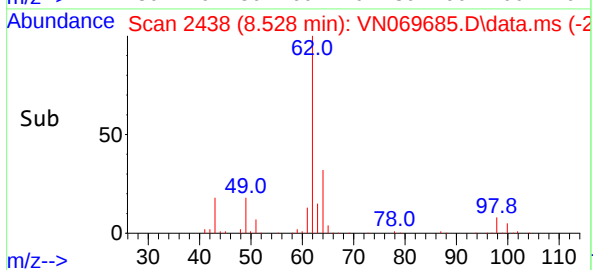
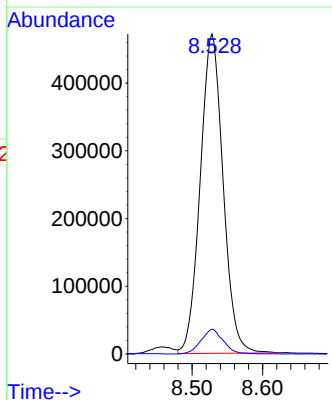
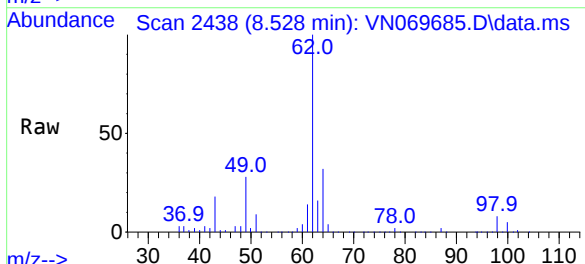
APPROVED

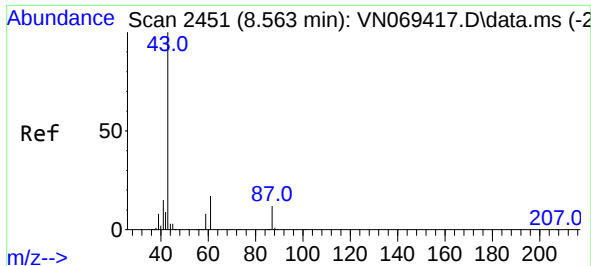
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#42
1,2-Dichloroethane
Concen: 57.956 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

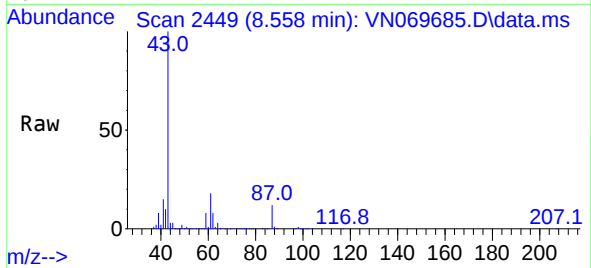
Tgt Ion: 62 Resp: 1062084
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 56.455 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

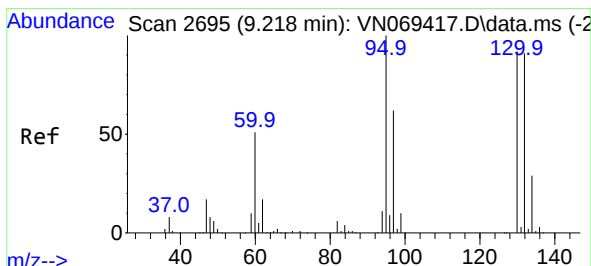
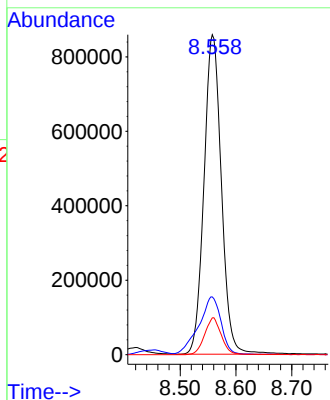
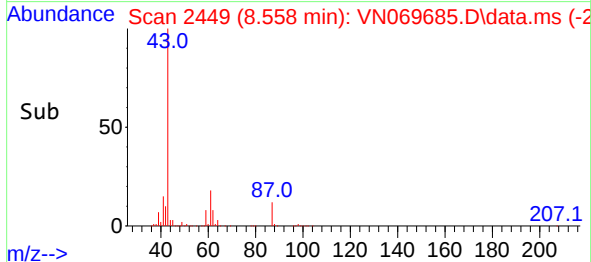
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 185864
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.1 11.2 16.8

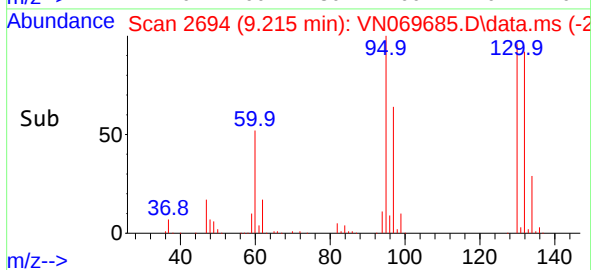
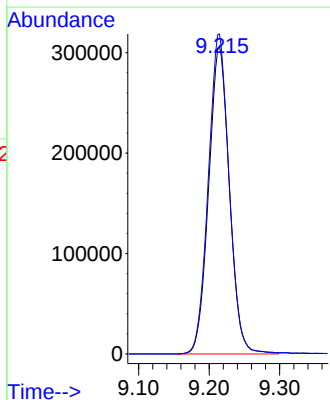
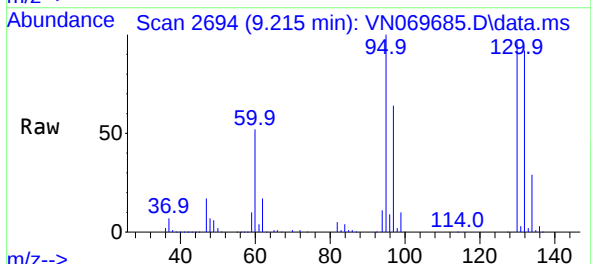
Manual Integrations
APPROVED

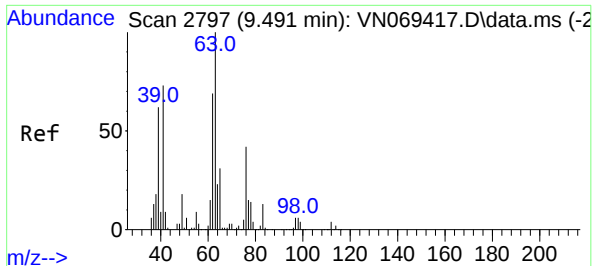
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#44
Trichloroethene
Concen: 55.870 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion:130 Resp: 625803
Ion Ratio Lower Upper
130 100
95 103.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 58.931 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069685.D

Acq: 30 Nov 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 73689

Ion Ratio Lower Upper

63 100

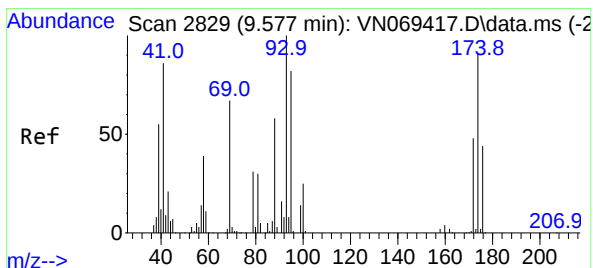
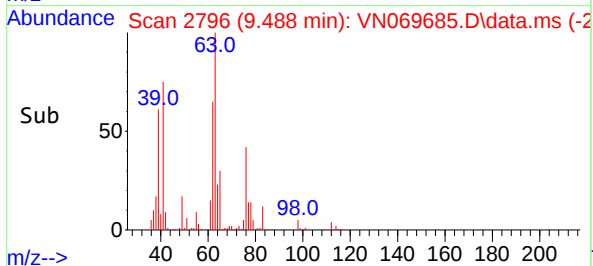
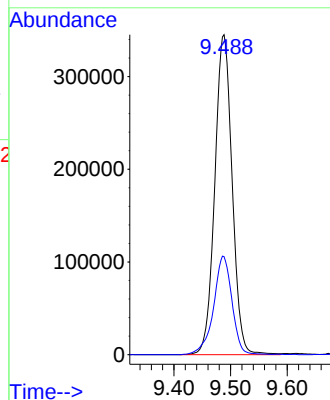
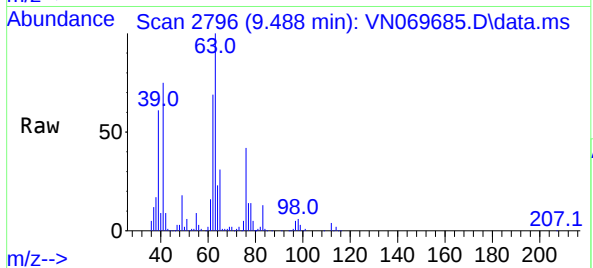
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#46

Dibromomethane

Concen: 55.595 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN069685.D

Acq: 30 Nov 2021 17:35

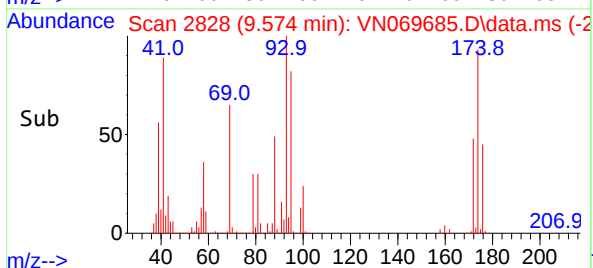
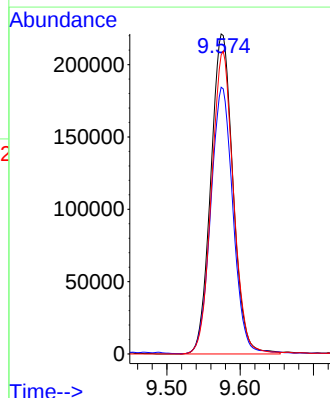
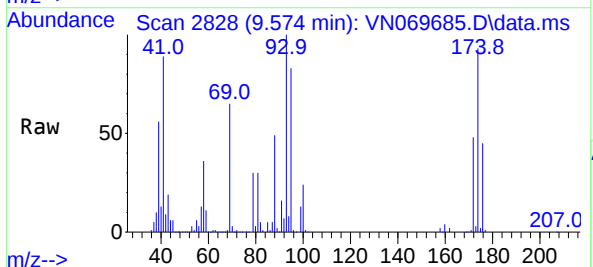
Tgt Ion: 93 Resp: 465633

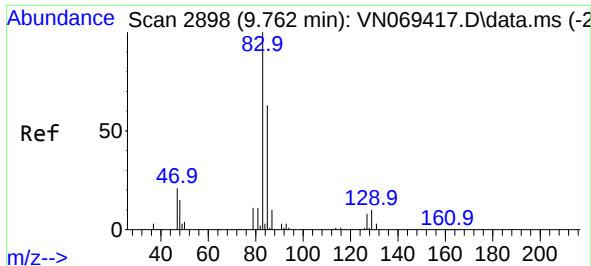
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 93.5 84.6 127.0





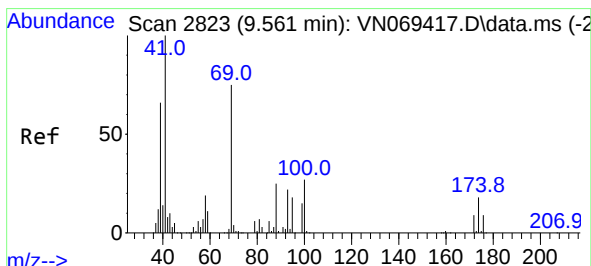
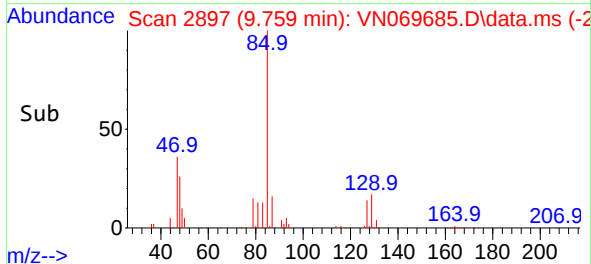
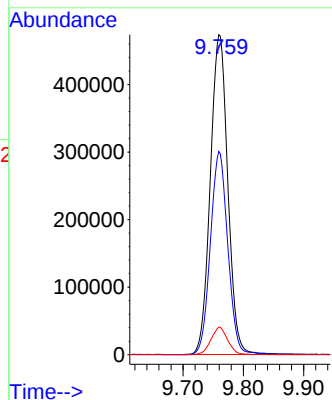
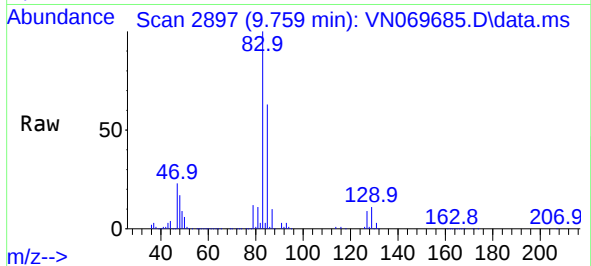
#47
Bromodichloromethane
Concen: 61.101 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 954948
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.6 7.1 10.7

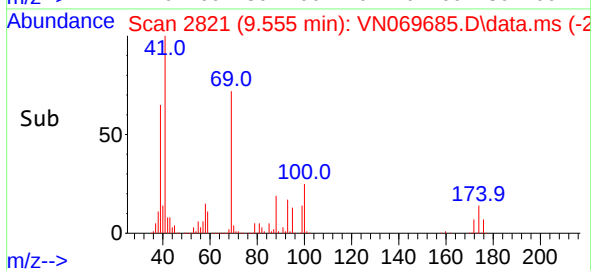
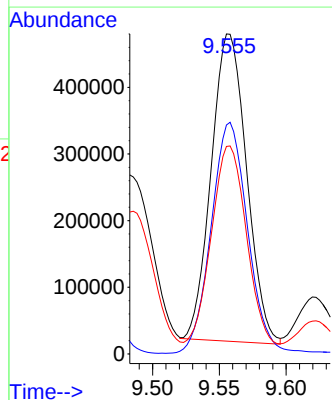
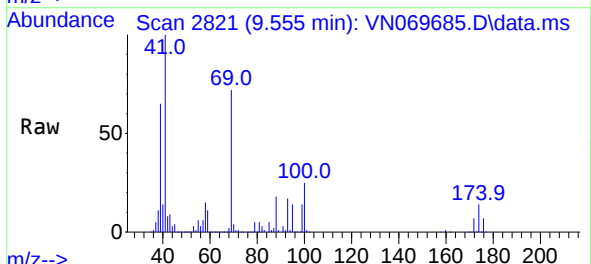
Manual Integrations
APPROVED

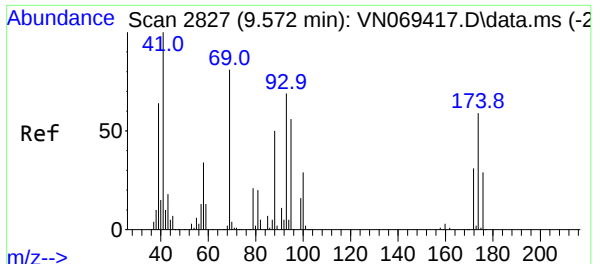
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#48
Methyl methacrylate
Concen: 54.852 ug/l
RT: 9.555 min Scan# 2821
Delta R.T. -0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

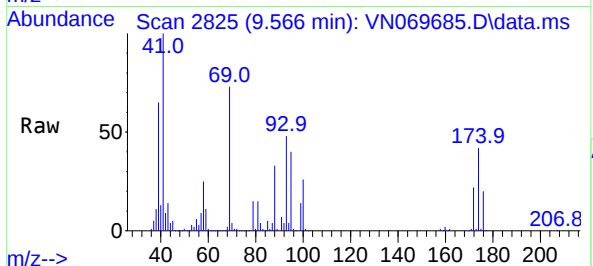
Tgt Ion: 41 Resp: 849611
Ion Ratio Lower Upper
41 100
69 77.9 72.4 108.6
39 69.8 58.4 87.6





#49
1,4-Dioxane
Concen: 897.007 ug/l
RT: 9.566 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

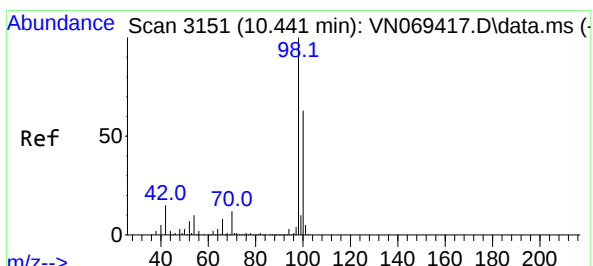
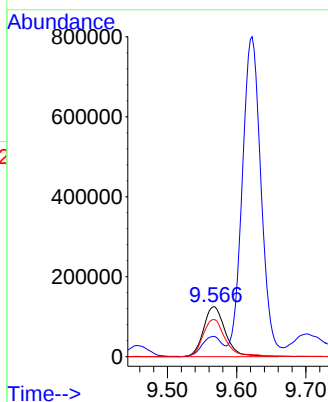
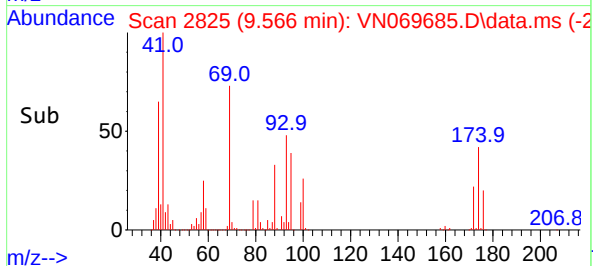
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 274063
Ion Ratio Lower Upper
88 100
43 36.6 23.4 35.2
58 78.1 50.6 75.8

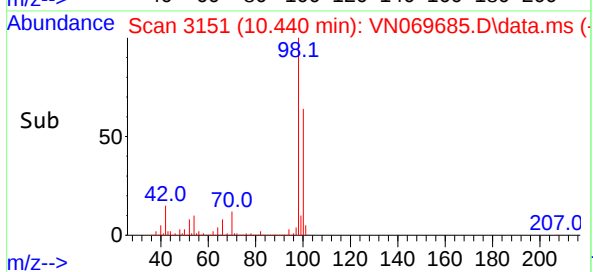
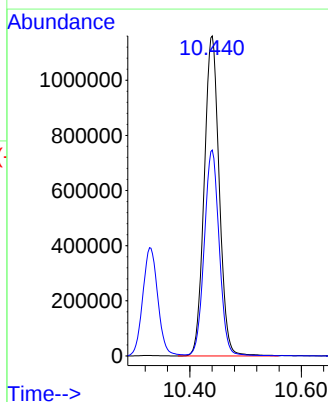
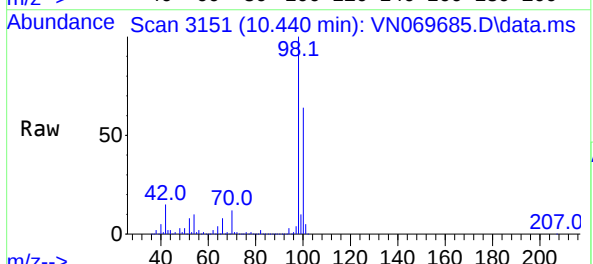
Manual Integrations
APPROVED

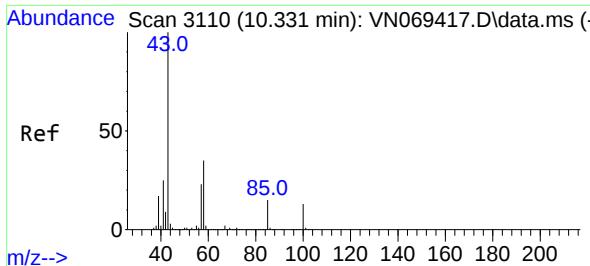
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#50
Toluene-d8
Concen: 51.060 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

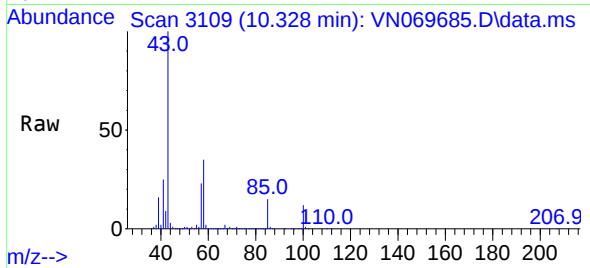
Tgt Ion: 98 Resp: 2170365
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 282.024 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

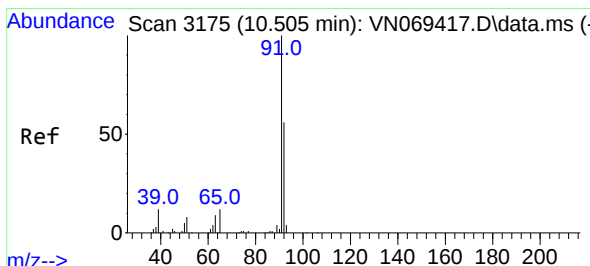
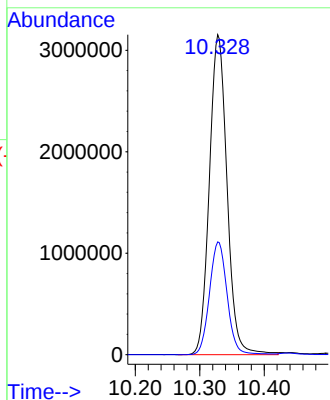
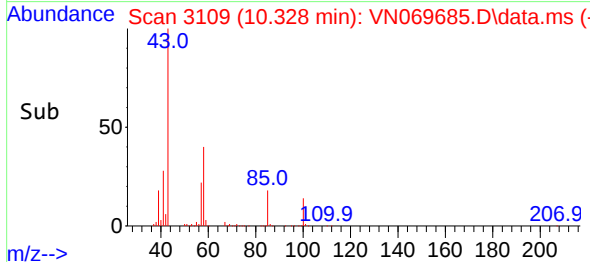
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



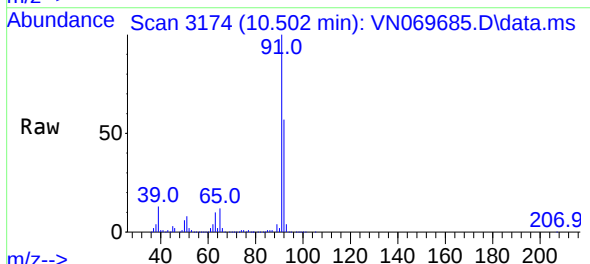
Tgt Ion: 43 Resp: 599314
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

Manual Integrations
APPROVED

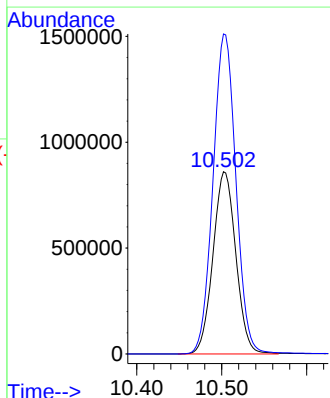
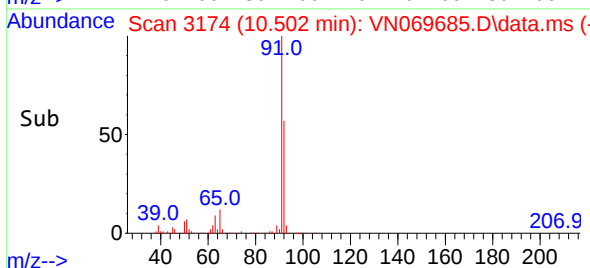
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

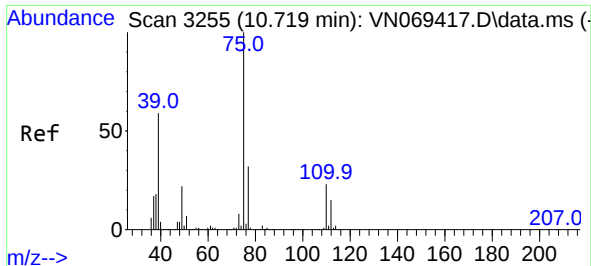


#52
Toluene
Concen: 55.146 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion: 92 Resp: 1607902
Ion Ratio Lower Upper
92 100
91 176.8 142.0 213.0





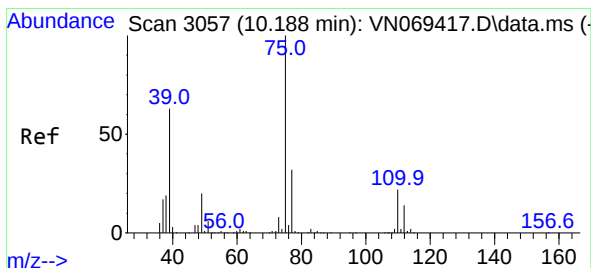
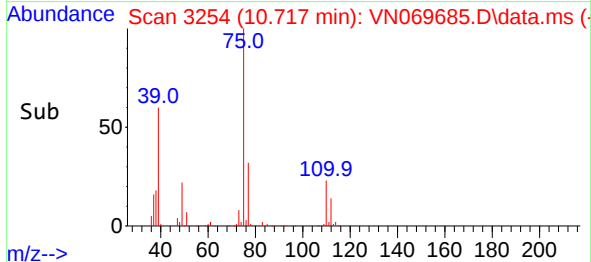
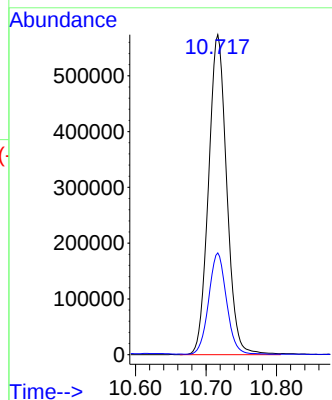
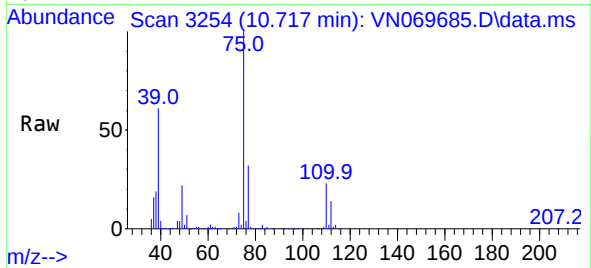
#53
t-1,3-Dichloropropene
Concen: 53.395 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 102968
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

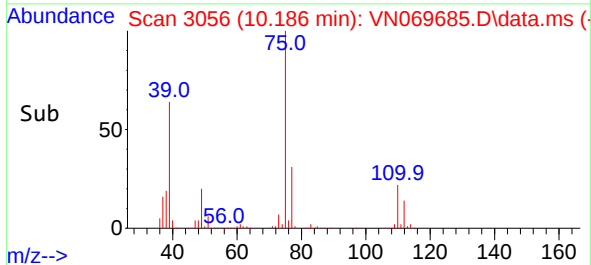
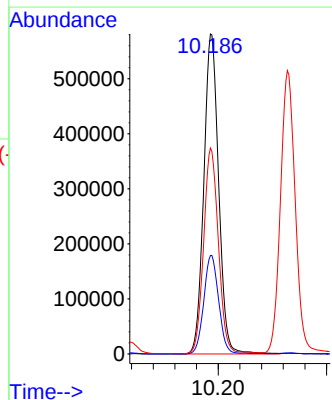
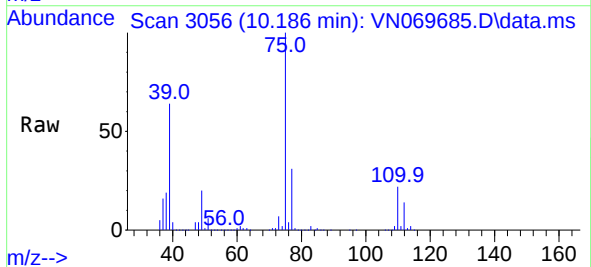
Manual Integrations
APPROVED

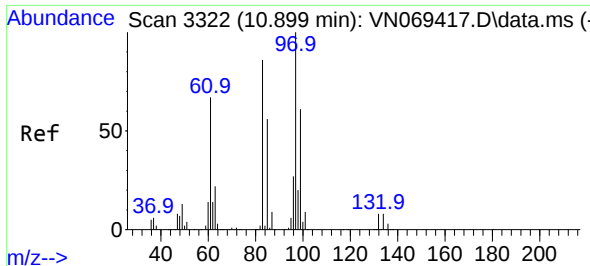
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#54
cis-1,3-Dichloropropene
Concen: 54.465 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

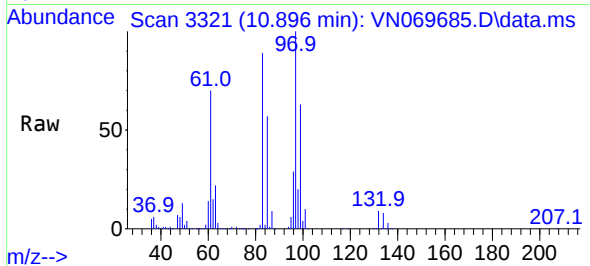
Tgt Ion: 75 Resp: 1106141
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
39 64.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 59.329 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

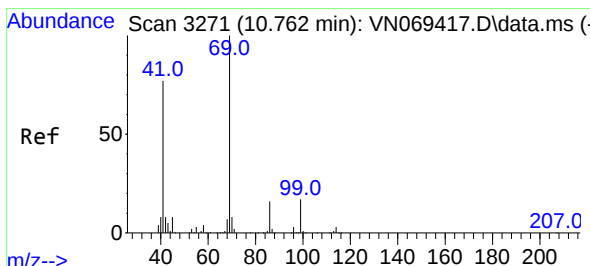
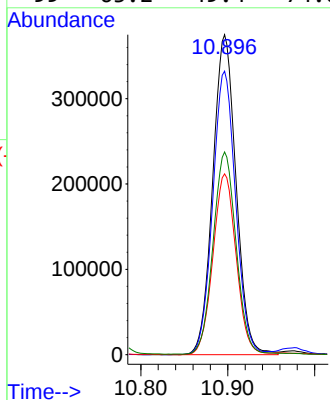
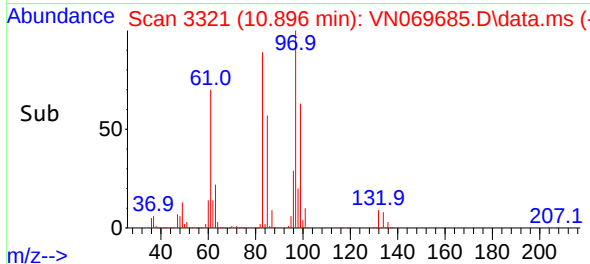
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



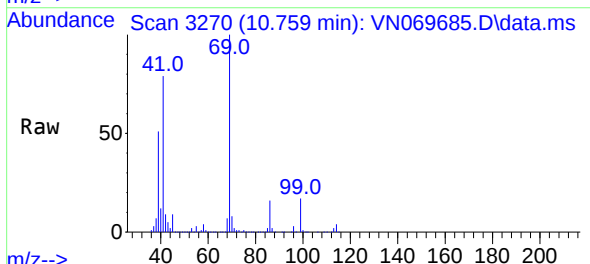
Tgt Ion: 97 Resp: 697311
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 56.5 45.4 68.2
99 63.2 49.4 74.0

Manual Integrations
APPROVED

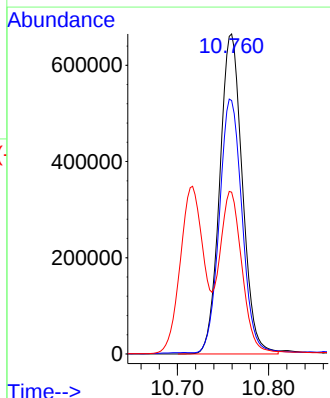
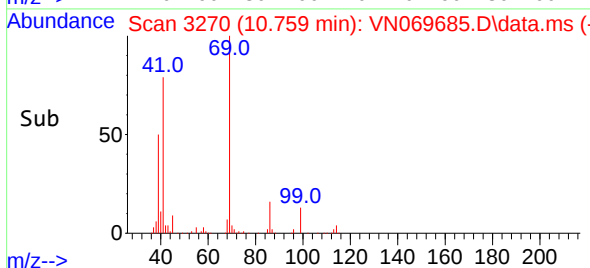
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#56
Ethyl methacrylate
Concen: 51.616 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion: 69 Resp: 1144815
Ion Ratio Lower Upper
69 100
41 79.5 51.4 77.0#
39 49.3 34.6 52.0





#57

1,3-Dichloropropane

Concen: 57.853 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069685.D

Acq: 30 Nov 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 119485

Ion Ratio Lower Upper

76 100

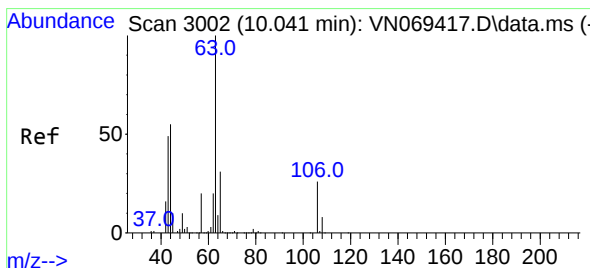
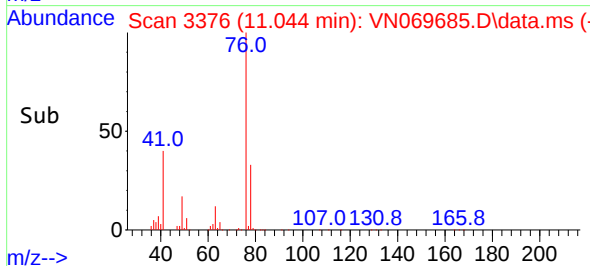
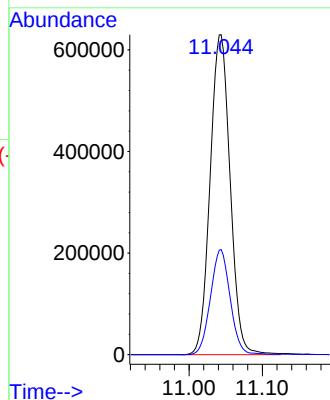
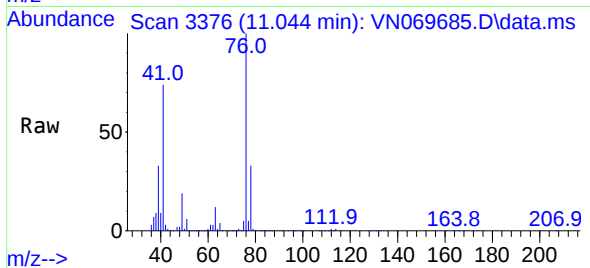
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#58

2-Chloroethyl Vinyl ether

Concen: 232.507 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN069685.D

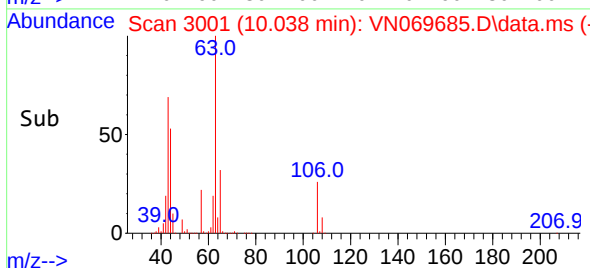
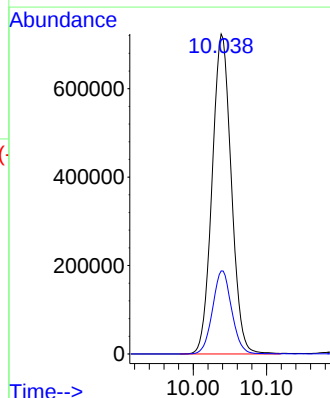
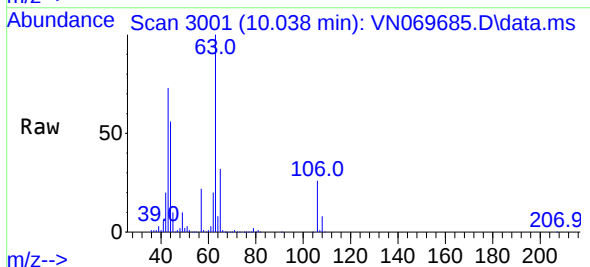
Acq: 30 Nov 2021 17:35

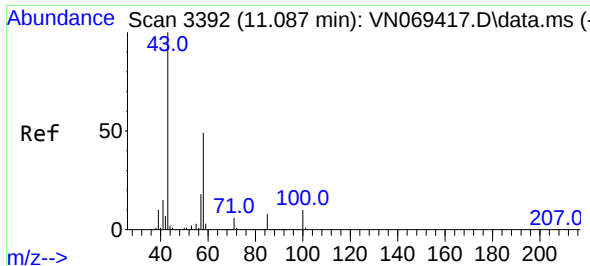
Tgt Ion: 63 Resp: 1314212

Ion Ratio Lower Upper

63 100

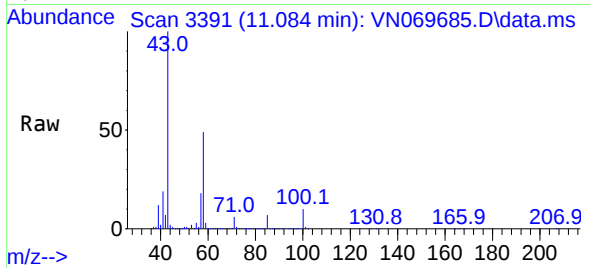
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 232.097 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

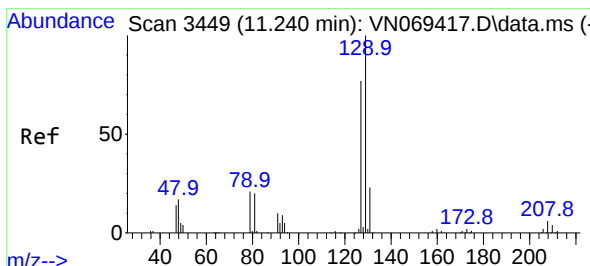
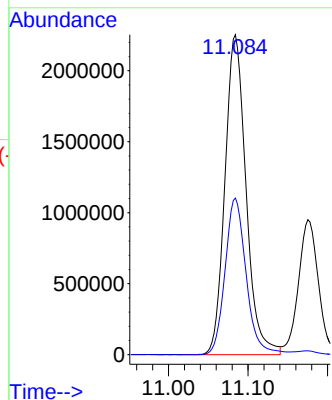
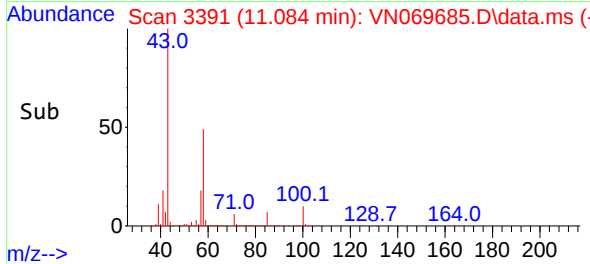
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4153878
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

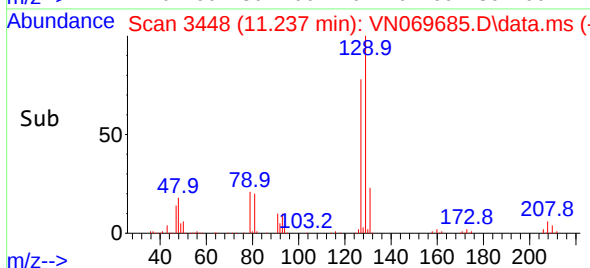
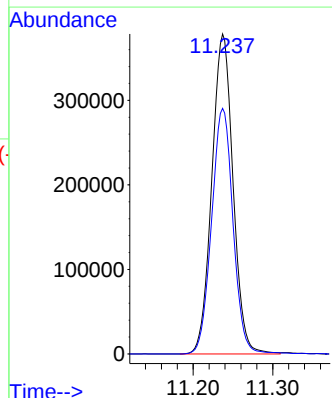
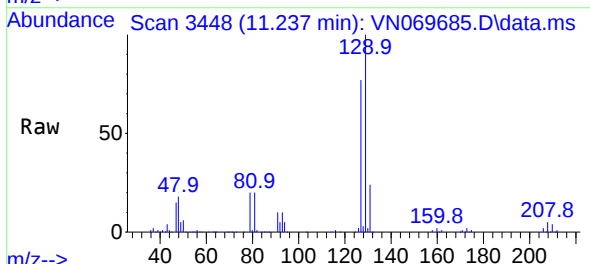
Manual Integrations
APPROVED

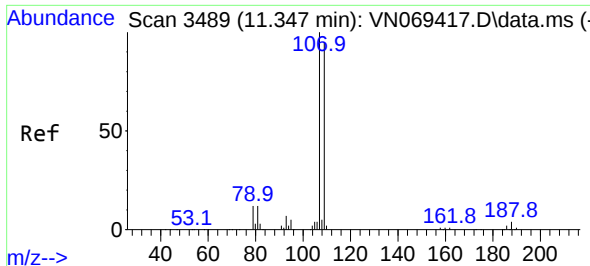
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#60
Dibromochloromethane
Concen: 54.182 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

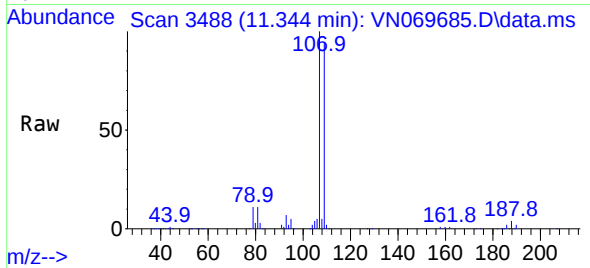
Tgt Ion:129 Resp: 701695
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.174 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

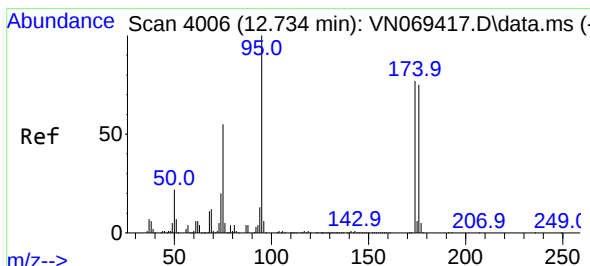
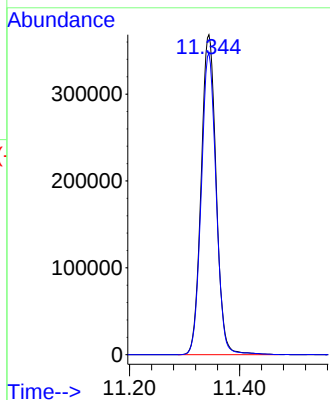
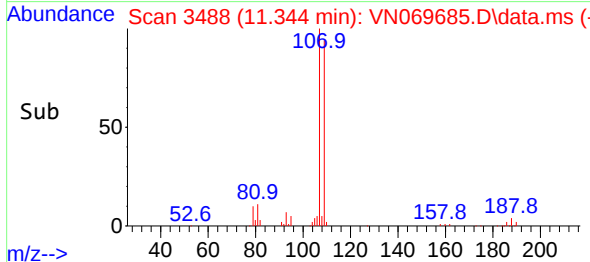
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



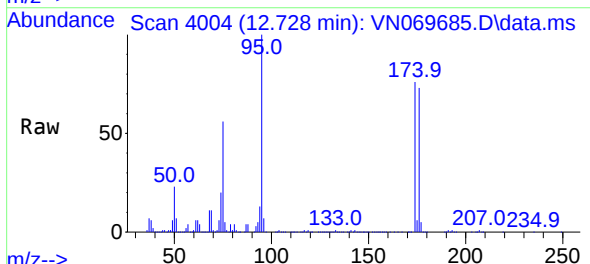
Tgt Ion:107 Resp: 69848
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
APPROVED

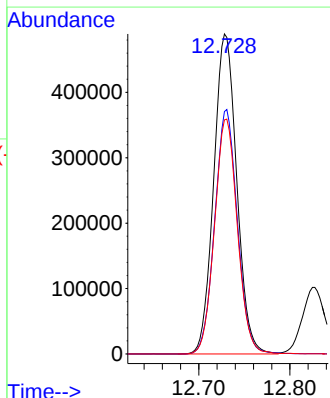
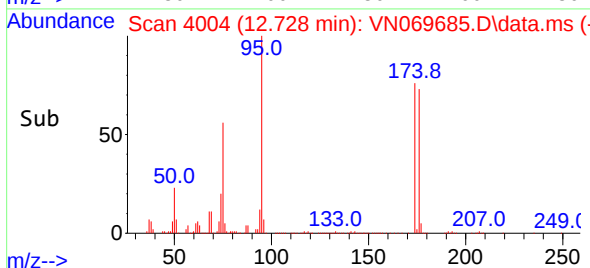
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

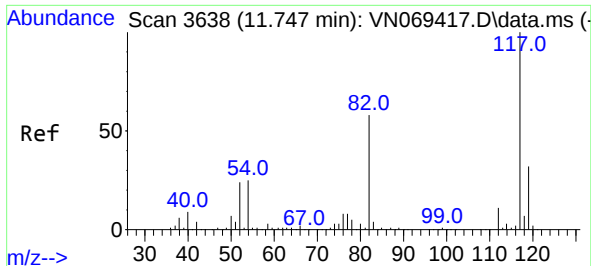


#62
4-Bromofluorobenzene
Concen: 54.890 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



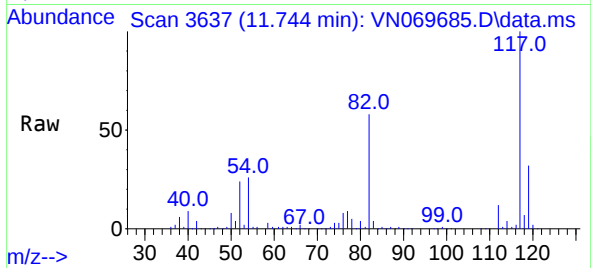
Tgt Ion: 95 Resp: 857128
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

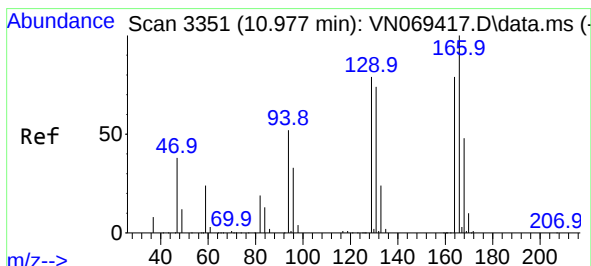
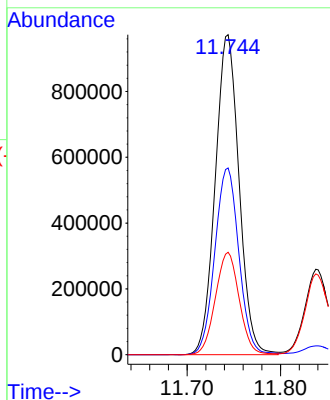
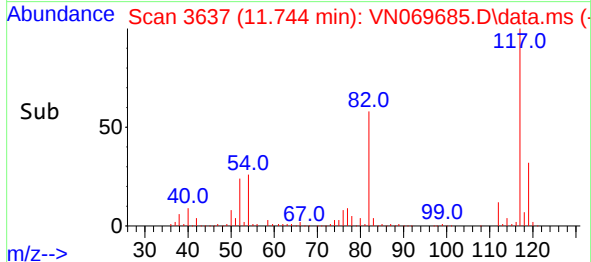
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



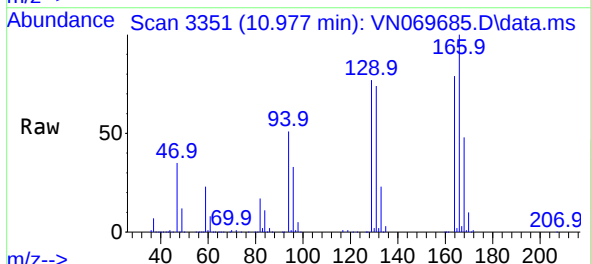
Tgt Ion:117 Resp: 172443
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

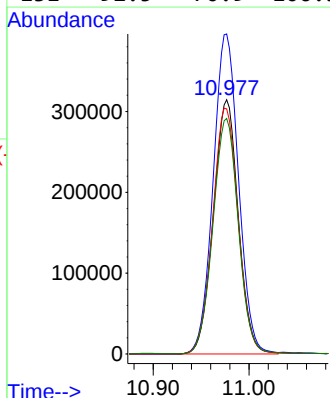
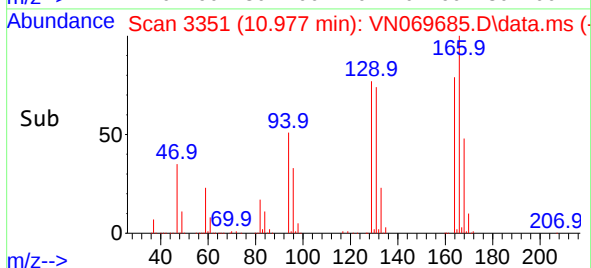
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#64
Tetrachloroethene
Concen: 54.736 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



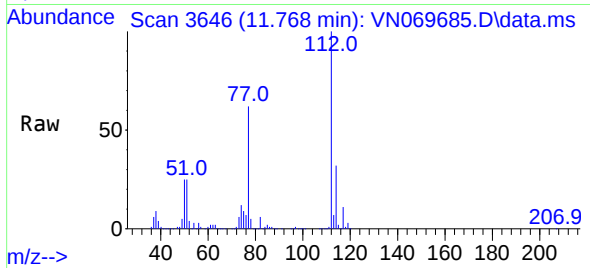
Tgt Ion:164 Resp: 569928
Ion Ratio Lower Upper
164 100
166 125.8 101.9 152.9
129 96.4 72.0 108.0
131 92.5 70.9 106.3





#65
Chlorobenzene
Concen: 56.625 ug/l
RT: 11.768 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

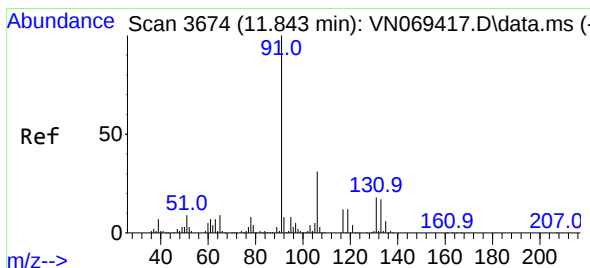
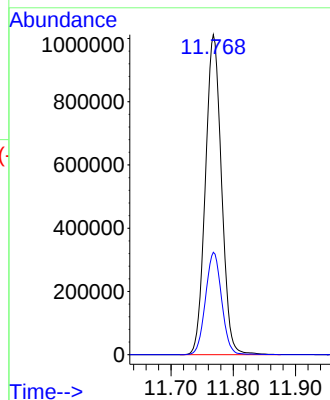
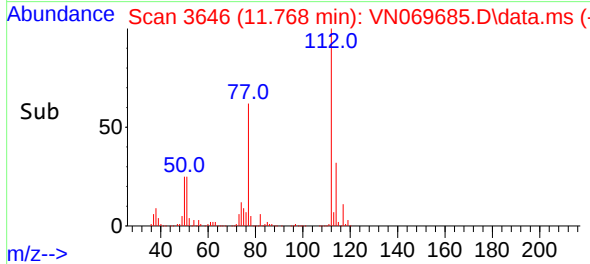
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



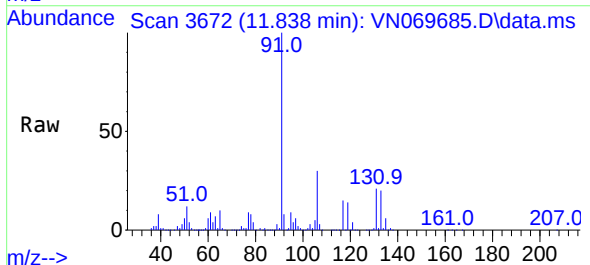
Tgt Ion:112 Resp: 1817534
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

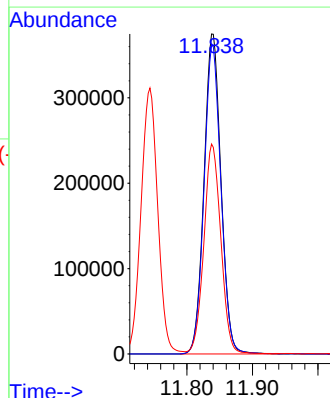
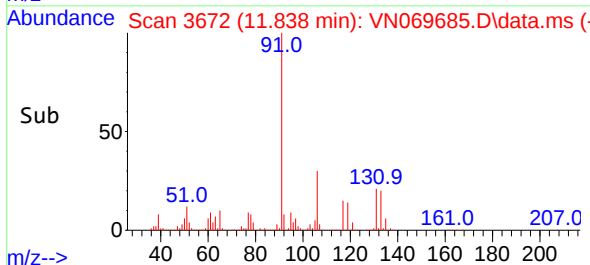
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

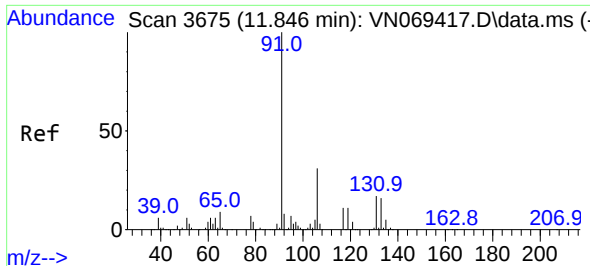


#66
1,1,1,2-Tetrachloroethane
Concen: 60.542 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.005 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



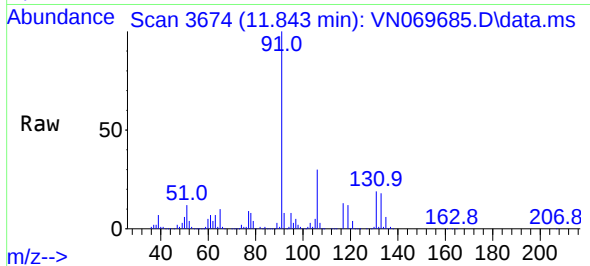
Tgt Ion:131 Resp: 674021
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 65.3 32.1 96.5





#67
Ethyl Benzene
Concen: 55.991 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

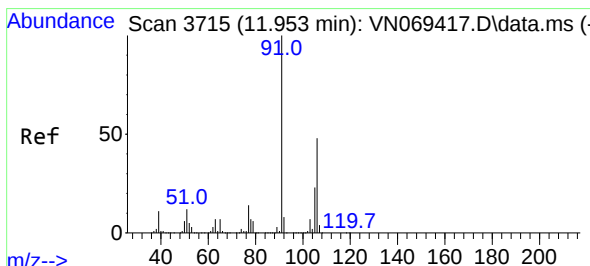
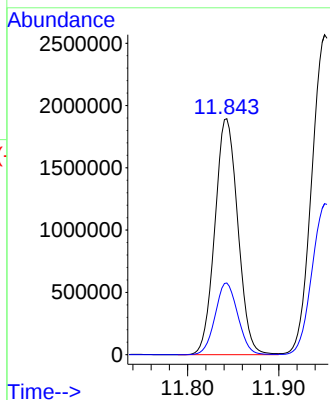
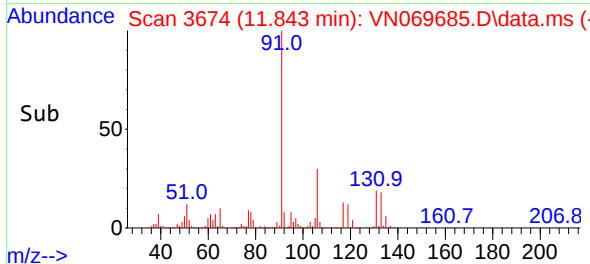
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 3314554
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

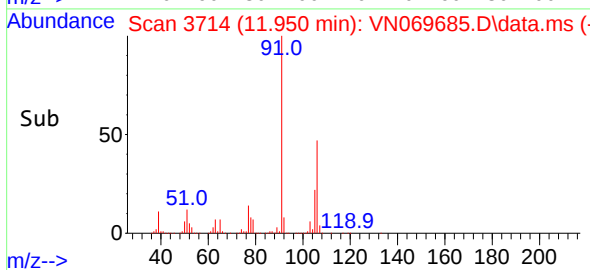
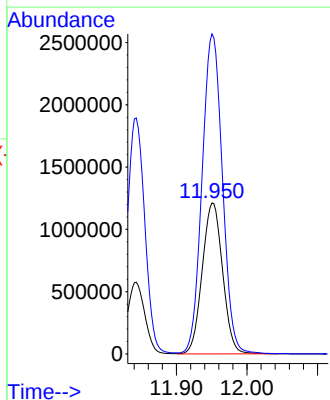
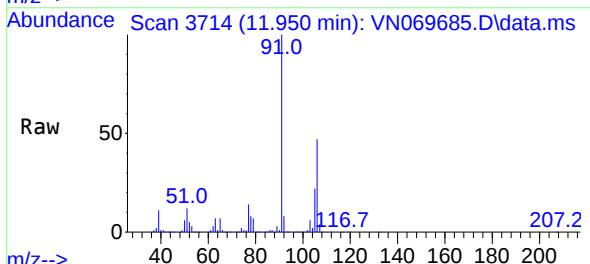
Manual Integrations
APPROVED

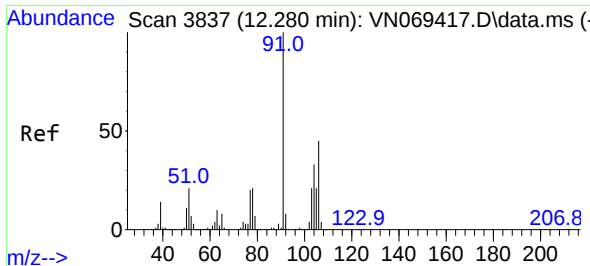
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#68
m/p-Xylenes
Concen: 111.561 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion:106 Resp: 2428944
Ion Ratio Lower Upper
106 100
91 212.0 160.6 240.8





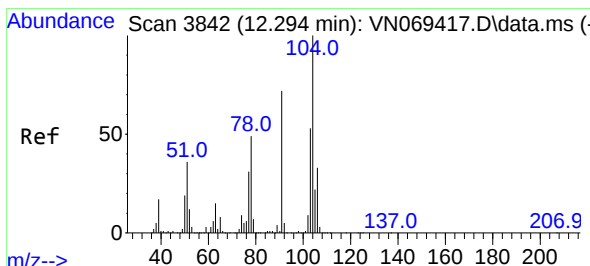
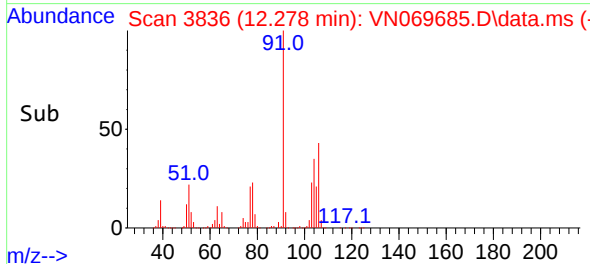
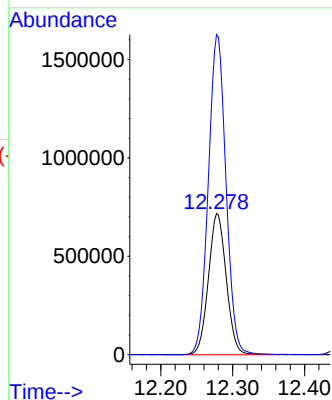
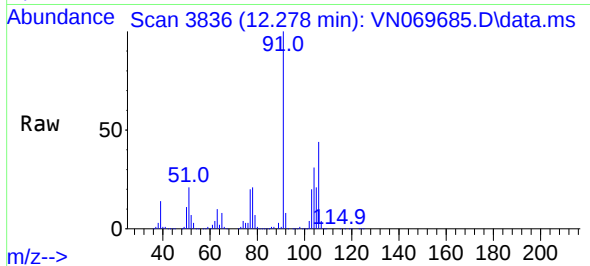
#69
o-Xylene
Concen: 56.968 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 123652
Ion Ratio Lower Upper
106 100
91 224.6 105.8 317.3

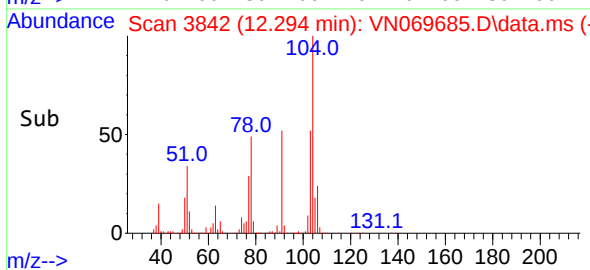
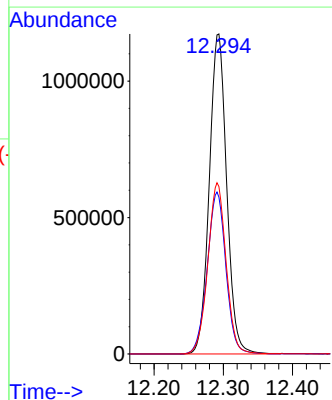
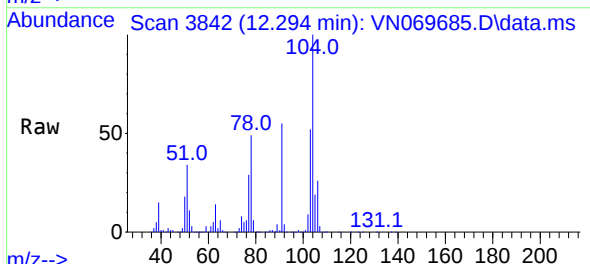
Manual Integrations
APPROVED

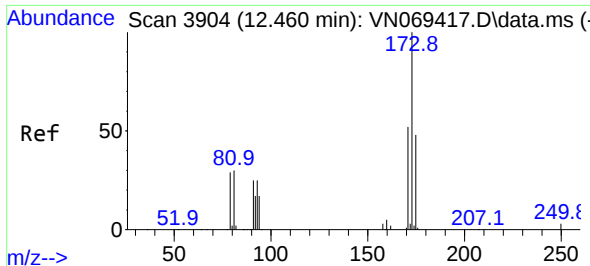
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#70
Styrene
Concen: 52.456 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion:104 Resp: 2047272
Ion Ratio Lower Upper
104 100
78 54.5 38.7 58.1
103 56.3 45.0 67.6





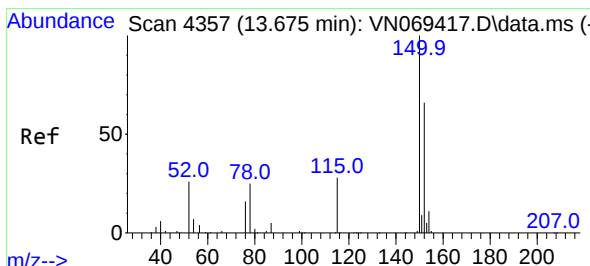
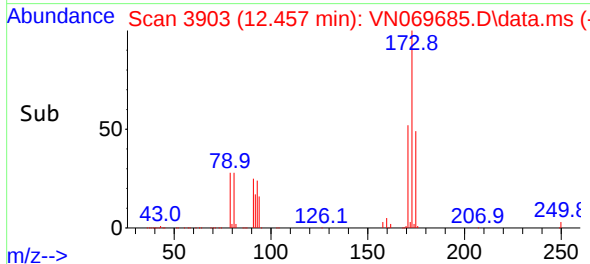
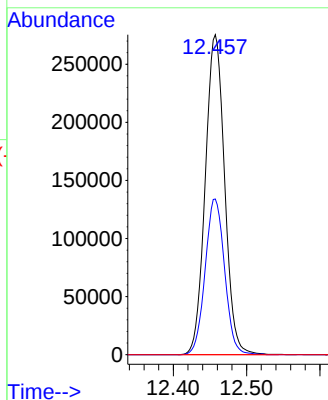
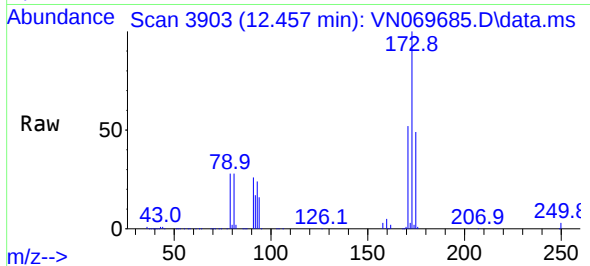
#71
Bromoform
Concen: 52.117 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 505317
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

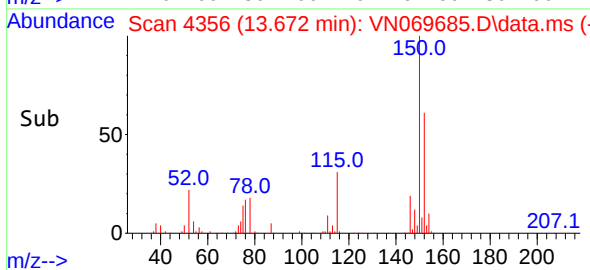
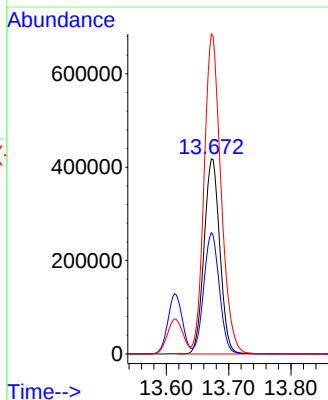
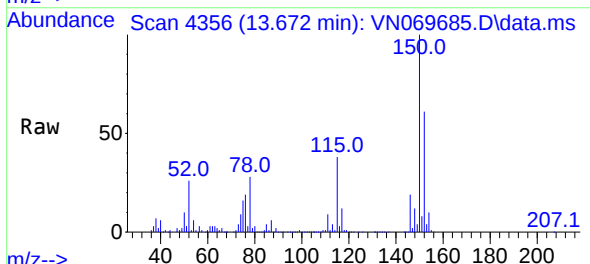
Manual Integrations
APPROVED

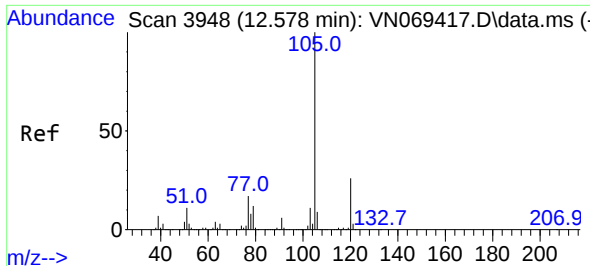
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

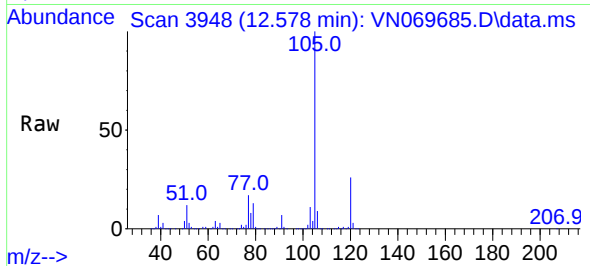
Tgt Ion:152 Resp: 734036
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 175.4 0.0 344.4





#73
Isopropylbenzene
Concen: 57.109 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

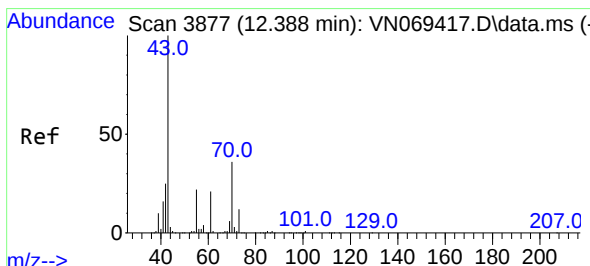
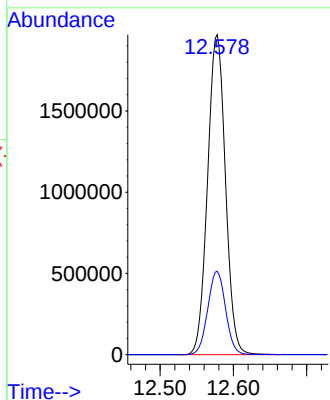
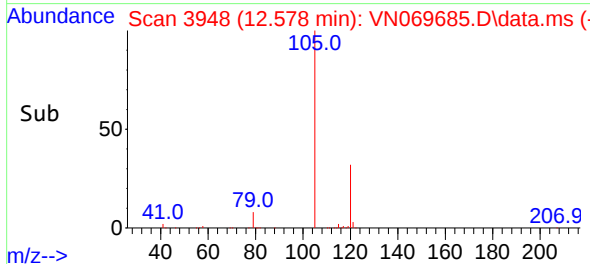
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



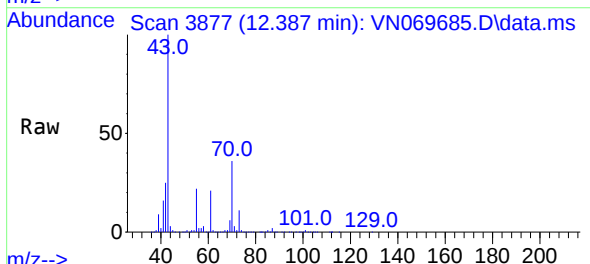
Tgt Ion:105 Resp: 333772
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

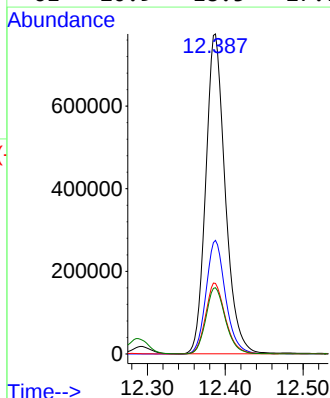
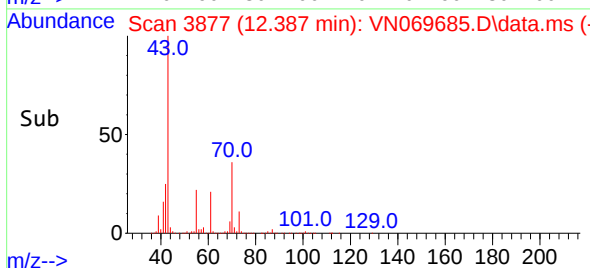
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

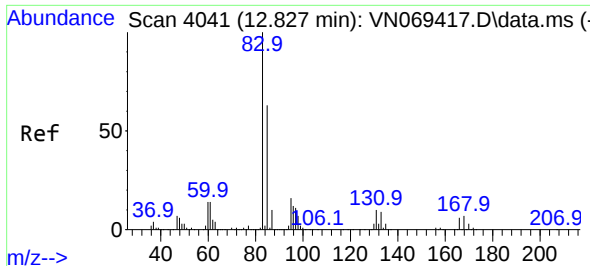


#74
N-ethyl acetate
Concen: 54.376 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



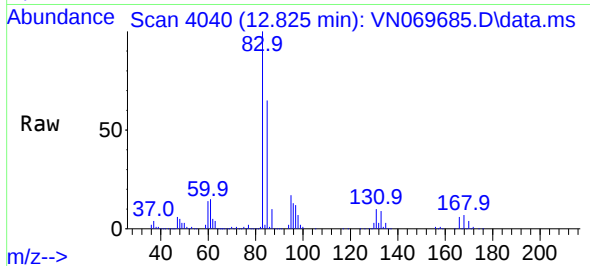
Tgt Ion: 43 Resp: 1346816
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 22.6 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.161 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

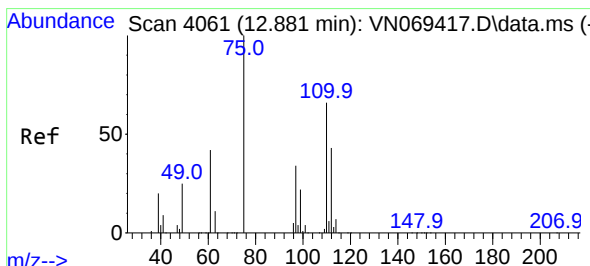
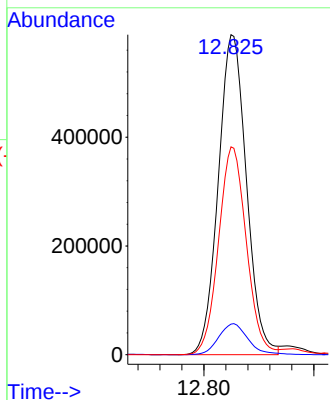
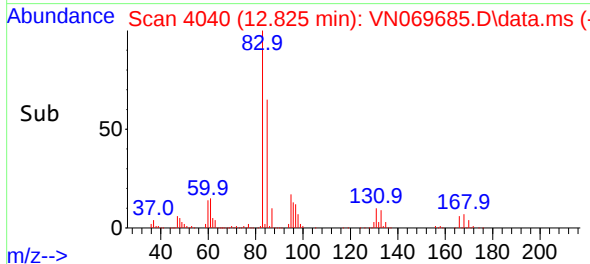
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



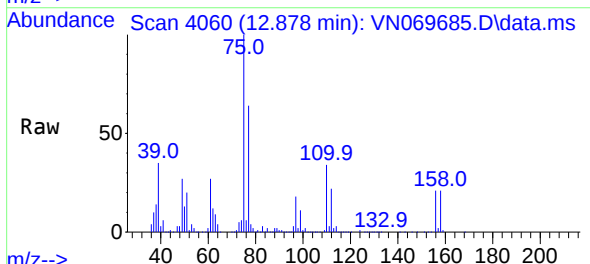
Tgt Ion: 83 Resp: 1047898
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
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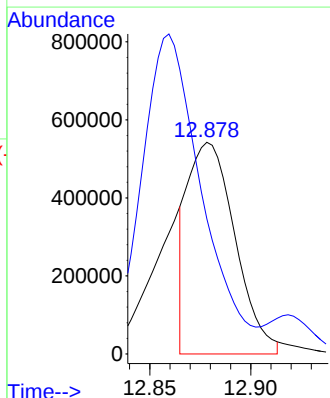
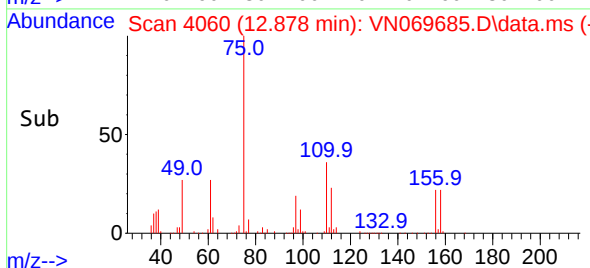
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#76
1,2,3-Trichloropropane
Concen: 52.087 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



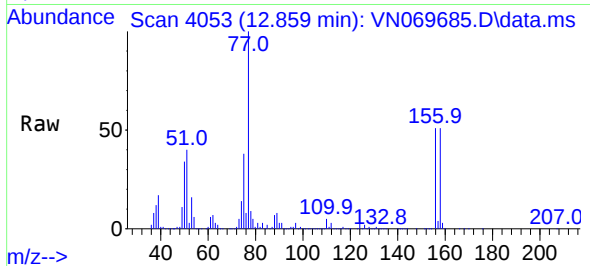
Tgt Ion: 75 Resp: 882347
Ion Ratio Lower Upper
75 100
77 192.2 82.6 247.8





#77
Bromobenzene
Concen: 56.535 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

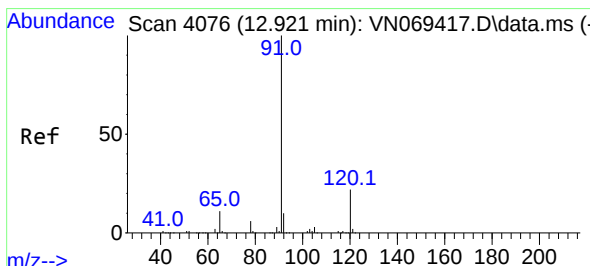
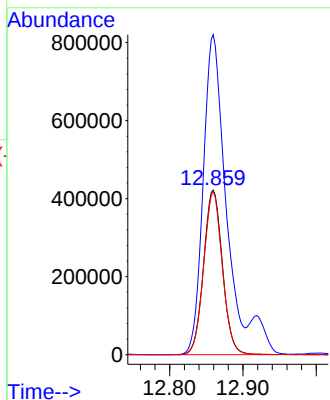
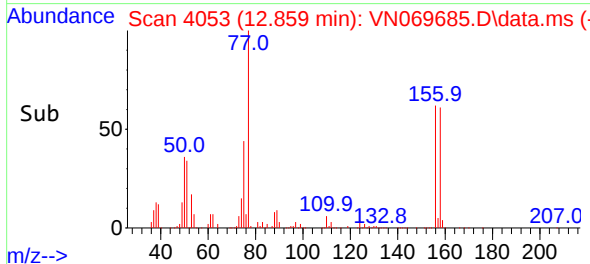
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



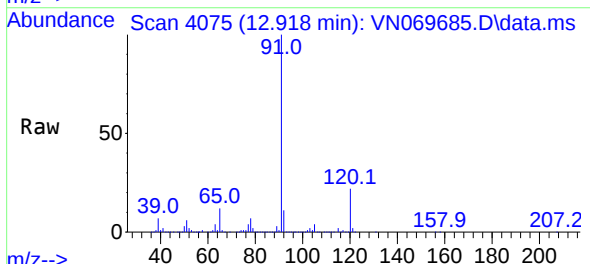
Tgt Ion:156 Resp: 755662
Ion Ratio Lower Upper
156 100
77 224.4 90.6 271.8
158 97.8 48.9 146.7

Manual Integrations
APPROVED

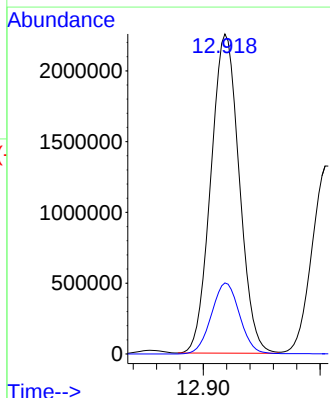
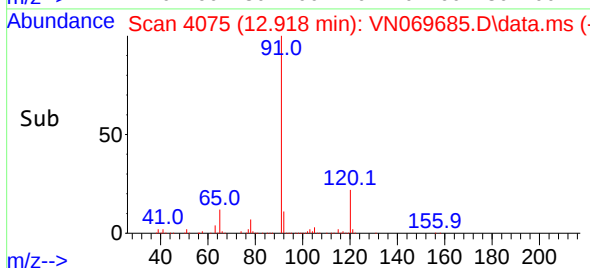
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

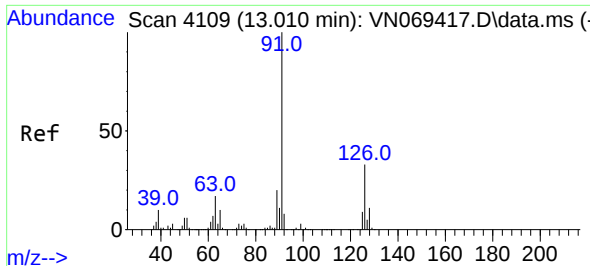


#78
n-propylbenzene
Concen: 57.874 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion: 91 Resp: 3805966
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





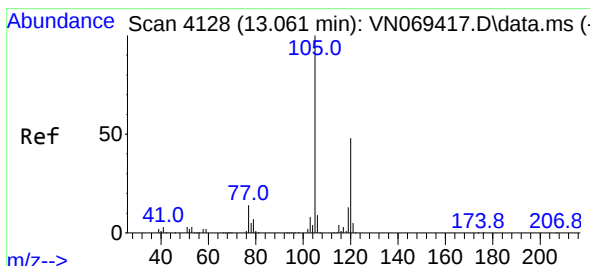
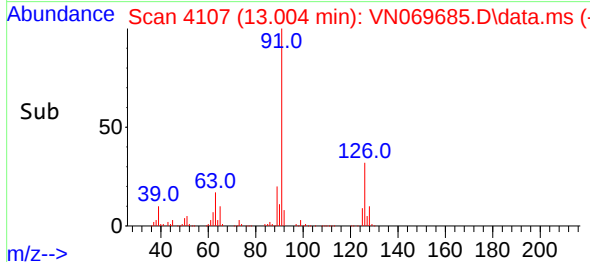
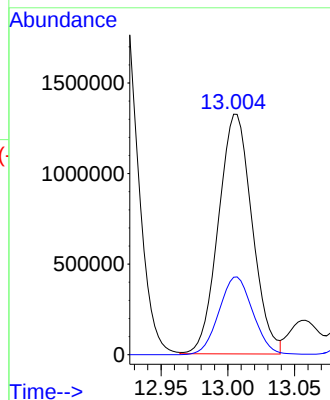
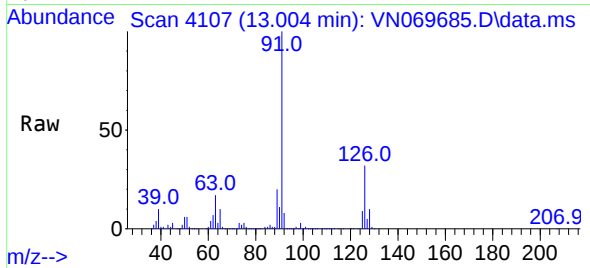
#79
2-Chlorotoluene
Concen: 57.179 ug/l
RT: 13.004 min Scan# 4109
Delta R.T. -0.006 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 232824
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

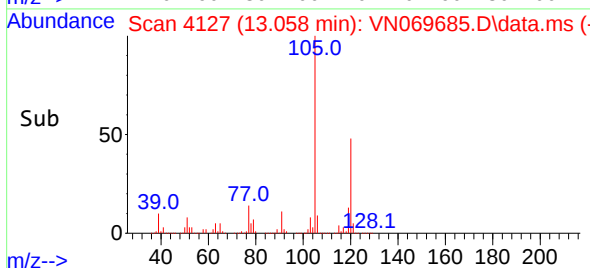
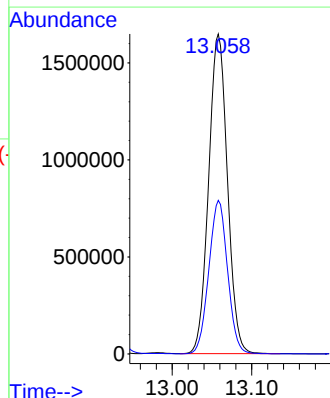
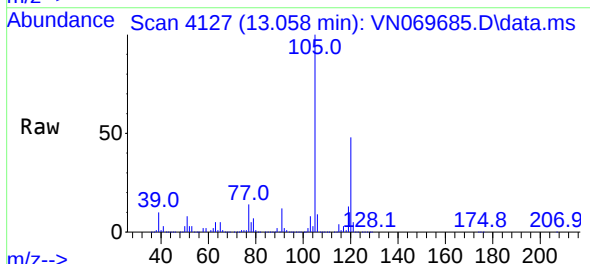
Manual Integrations
APPROVED

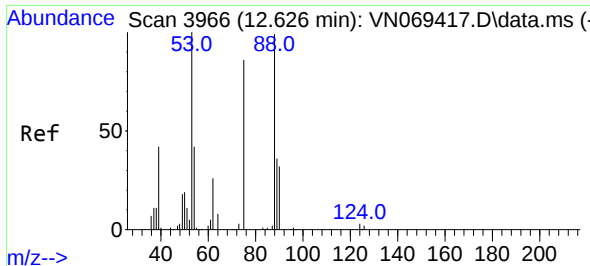
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 57.296 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Tgt Ion:105 Resp: 2707103
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6





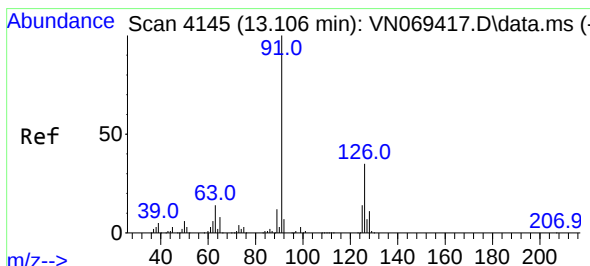
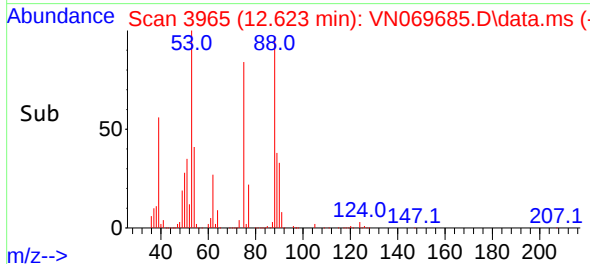
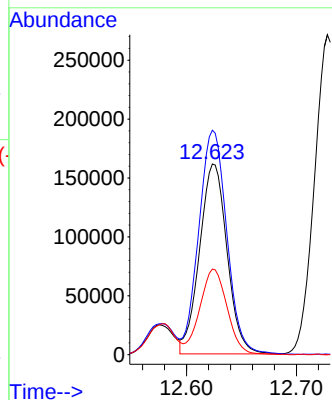
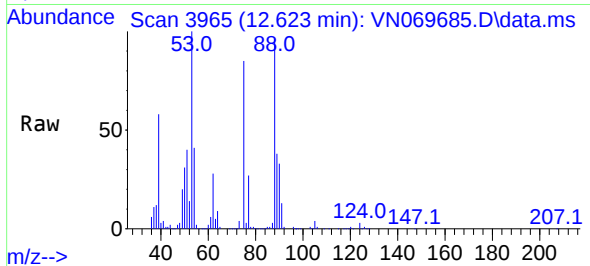
#81
trans-1,4-Dichloro-2-butene
Concen: 49.297 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 28001
Ion Ratio Lower Upper
75 100
53 120.7 90.5 135.7
89 45.1 38.2 57.4

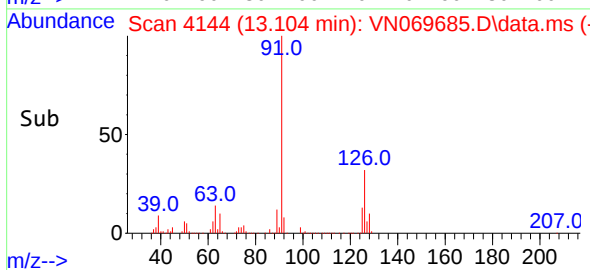
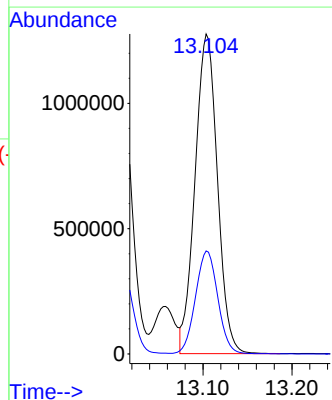
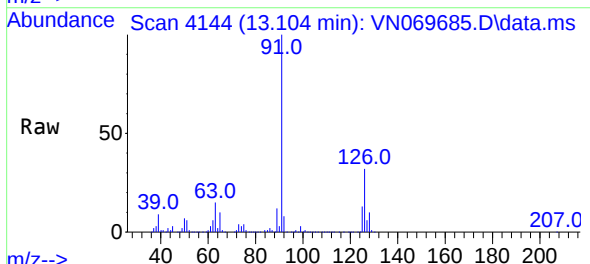
Manual Integrations
APPROVED

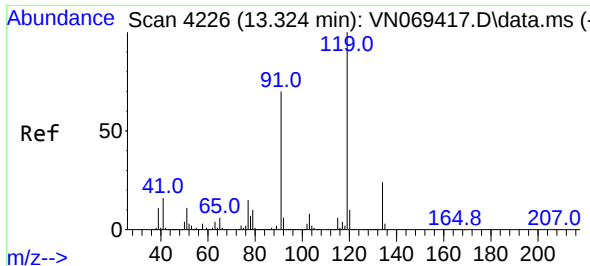
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#82
4-Chlorotoluene
Concen: 57.365 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

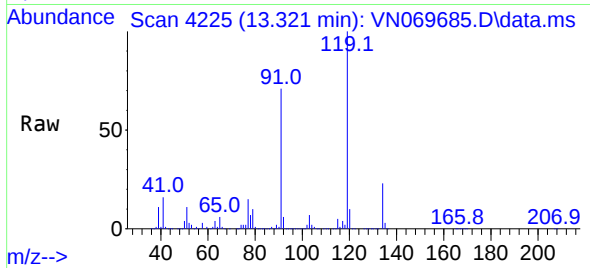
Tgt Ion: 91 Resp: 2226701
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 58.790 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

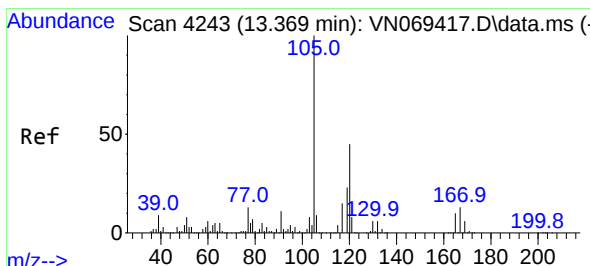
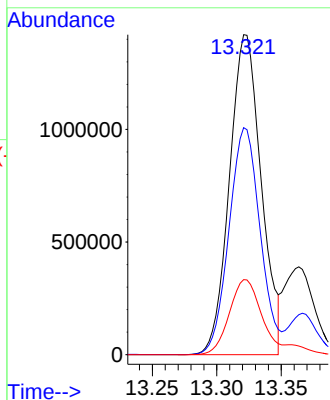
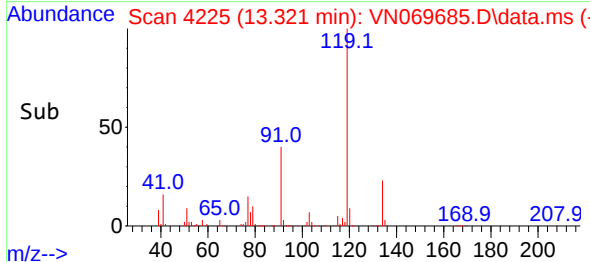
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



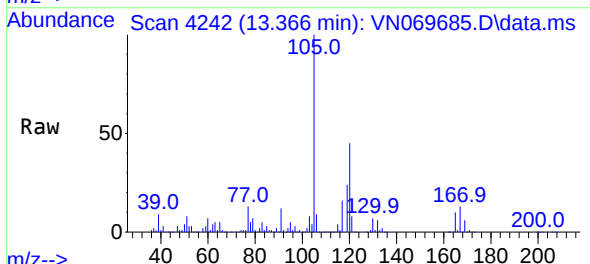
Tgt Ion:119 Resp: 243415
Ion Ratio Lower Upper
119 100
91 70.0 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
APPROVED

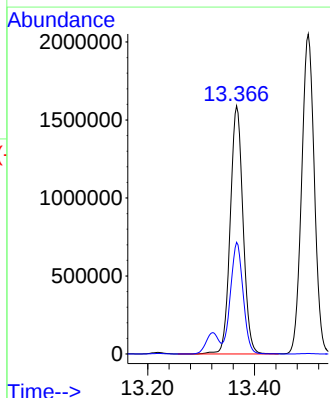
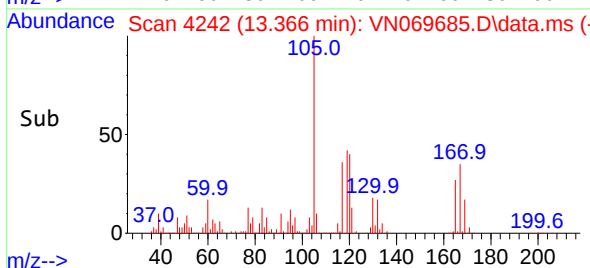
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#84
1,2,4-Trimethylbenzene
Concen: 57.795 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion:105 Resp: 2636196
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





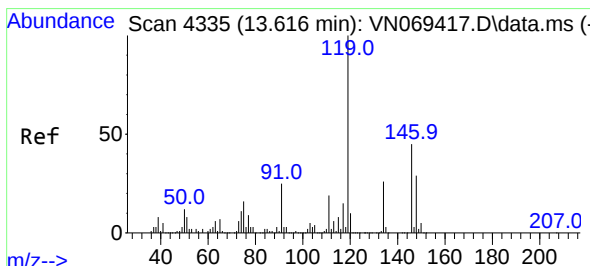
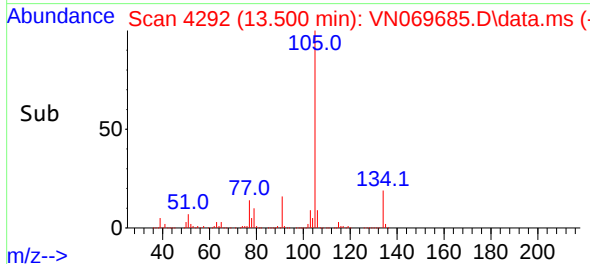
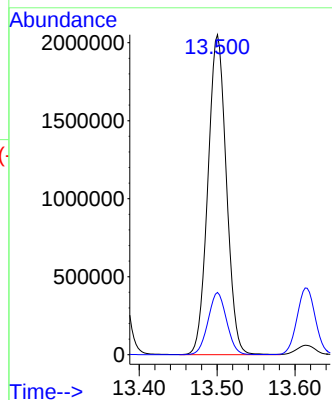
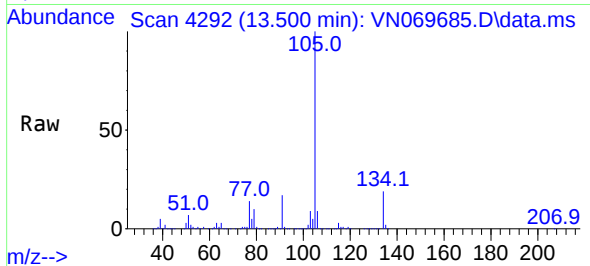
#85
 sec-Butylbenzene
 Concen: 58.400 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069685.D
 Acq: 30 Nov 2021 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 337771
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

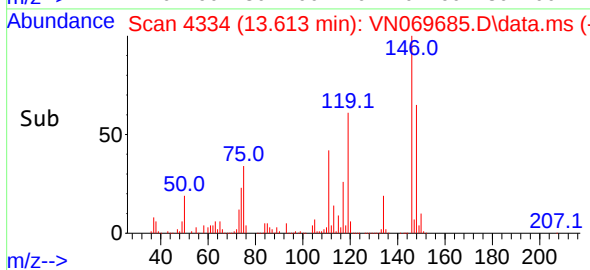
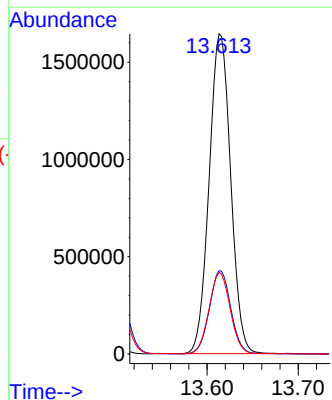
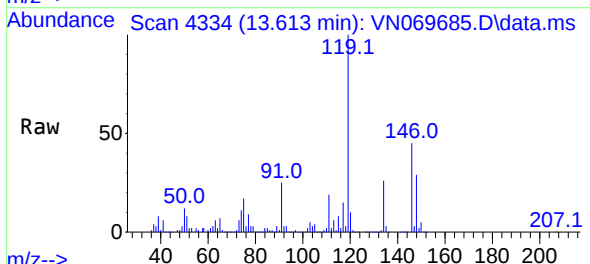
Manual Integrations
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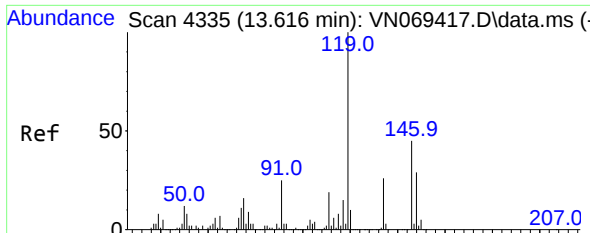
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#86
 p-Isopropyltoluene
 Concen: 58.744 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN069685.D
 Acq: 30 Nov 2021 17:35

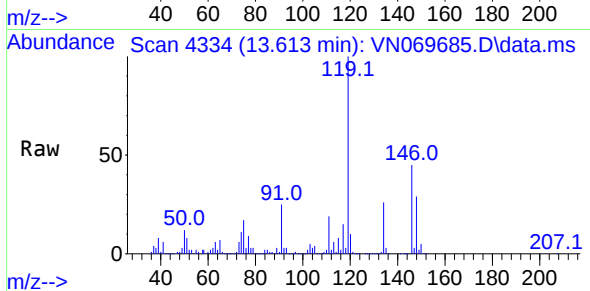
Tgt Ion:119 Resp: 2697178
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 55.592 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

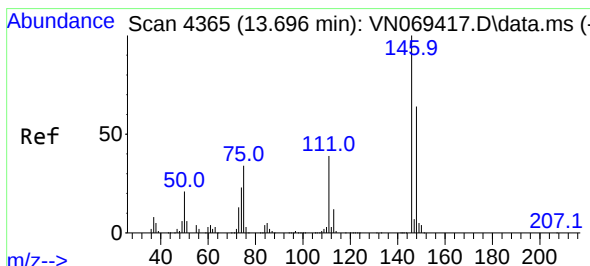
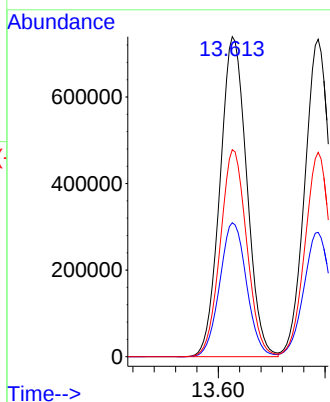
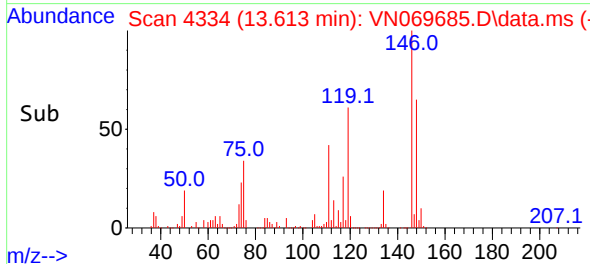
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



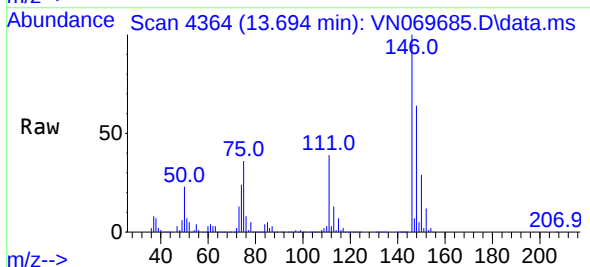
Tgt Ion:146 Resp: 128828
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
APPROVED

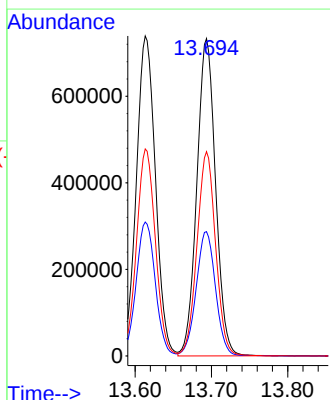
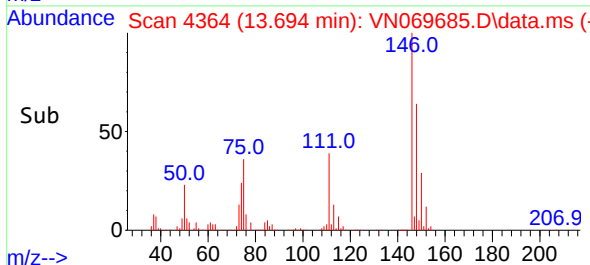
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

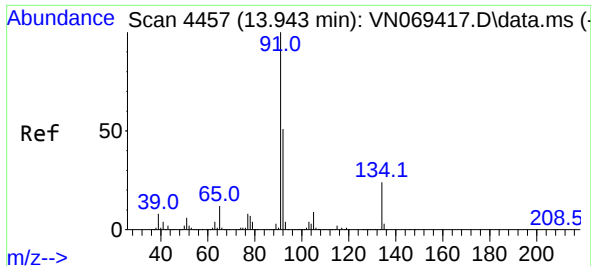


#88
1,4-Dichlorobenzene
Concen: 55.060 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion:146 Resp: 1251731
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.1 31.8 95.4





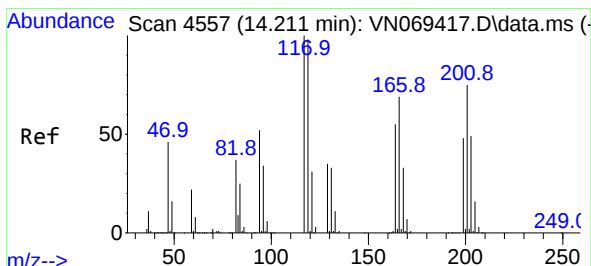
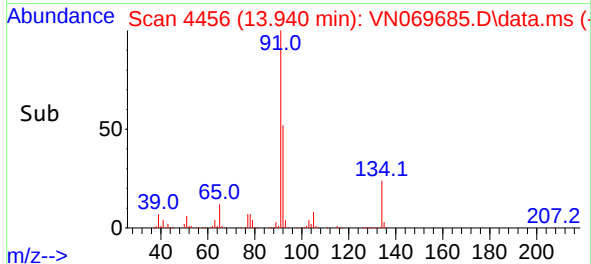
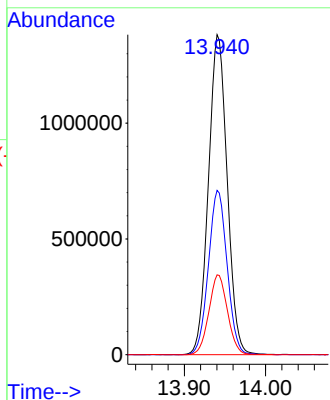
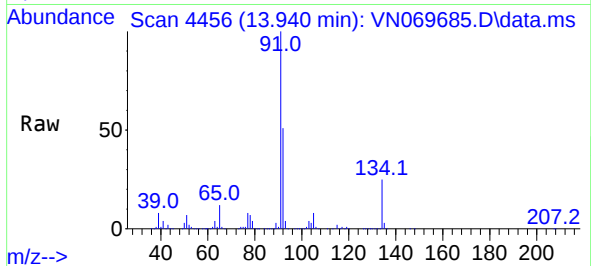
#89
n-Butylbenzene
Concen: 57.725 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2210186
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.8 13.6 40.8

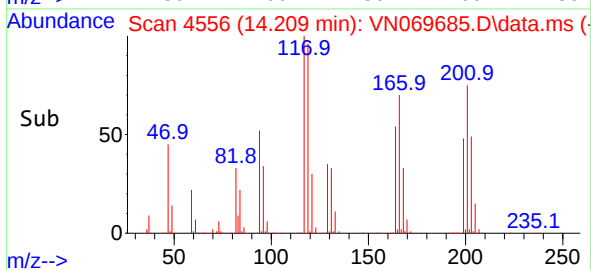
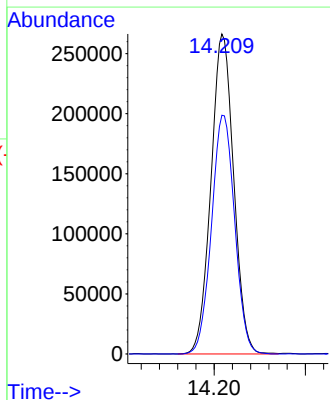
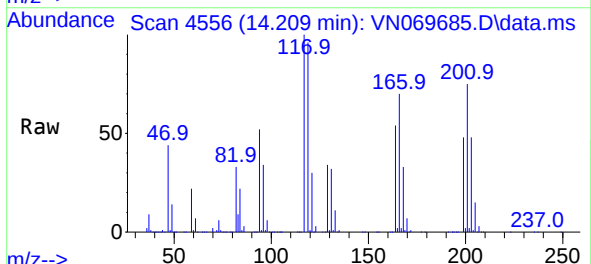
Manual Integrations
APPROVED

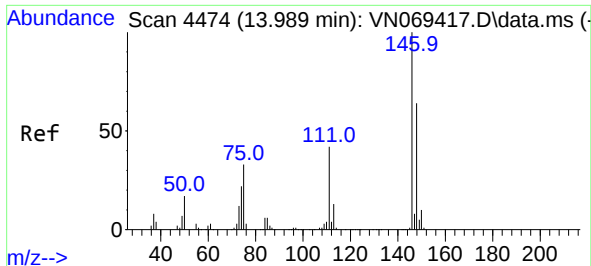
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#90
Hexachloroethane
Concen: 54.467 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

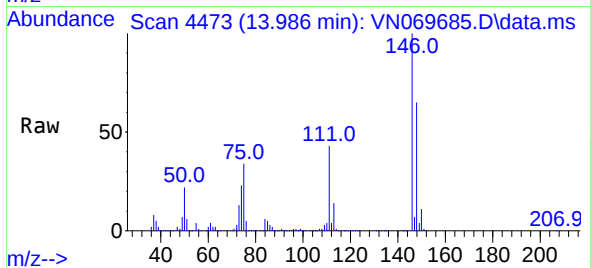
Tgt Ion:117 Resp: 461379
Ion Ratio Lower Upper
117 100
201 76.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 56.953 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

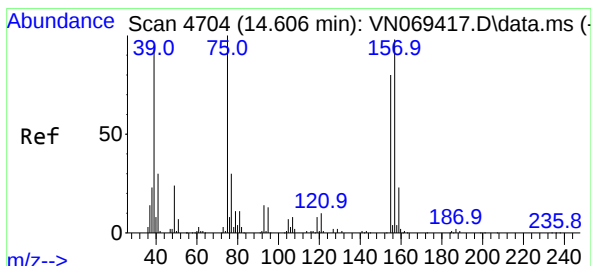
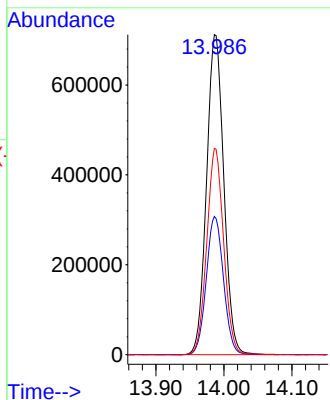
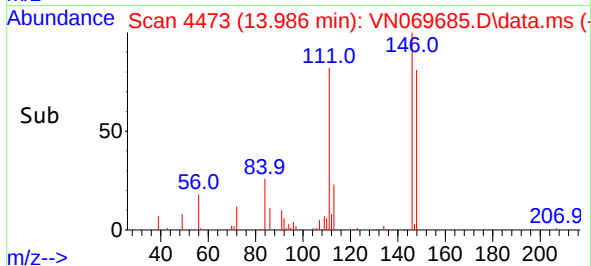
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



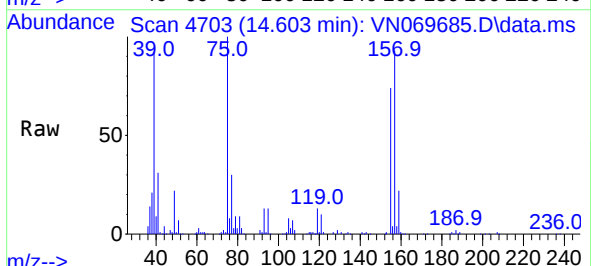
Tgt Ion:146 Resp: 125588
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 63.1 32.1 96.3

Manual Integrations
APPROVED

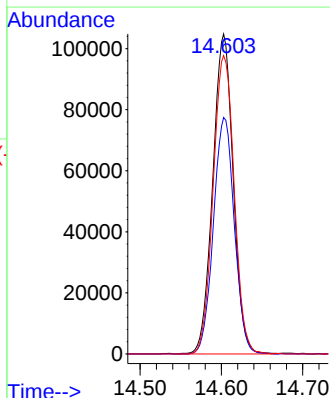
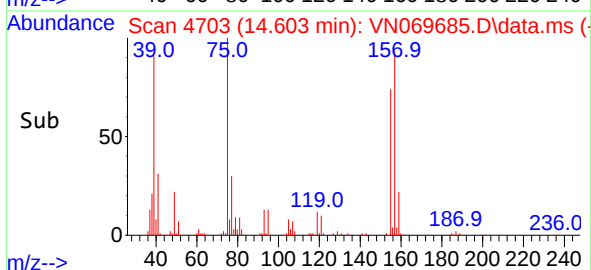
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

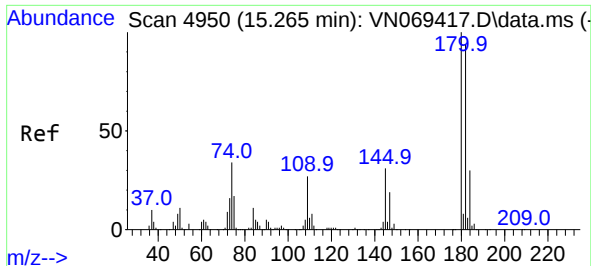


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.001 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion: 75 Resp: 183244
Ion Ratio Lower Upper
75 100
155 75.6 46.9 140.7
157 96.0 60.6 181.7





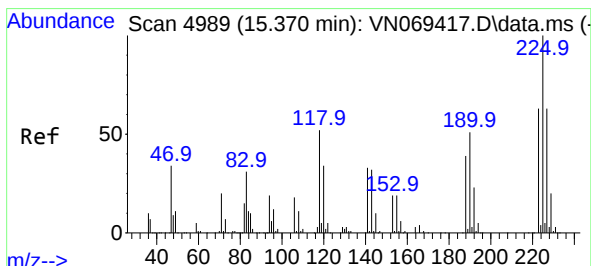
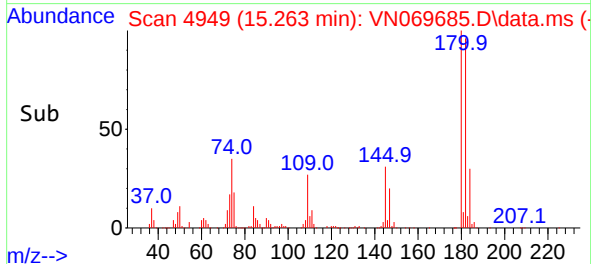
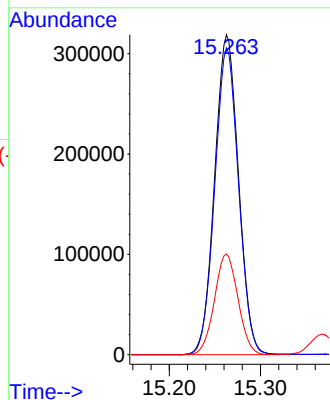
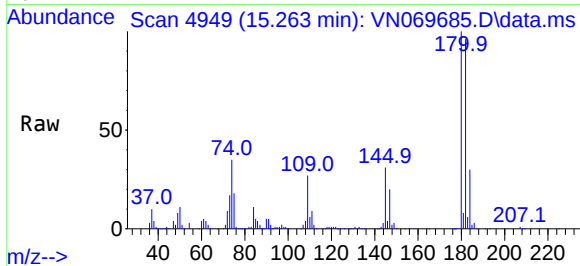
#93
1,2,4-Trichlorobenzene
Concen: 50.162 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 579702
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 31.1 14.5 43.5

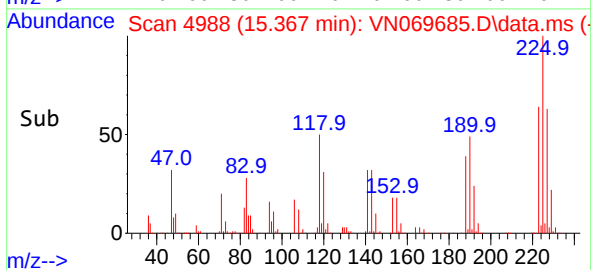
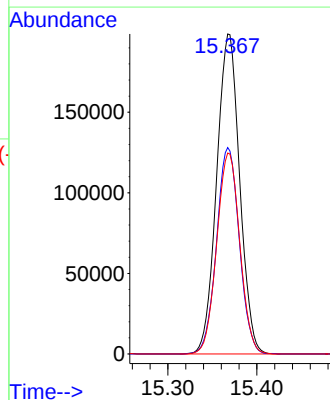
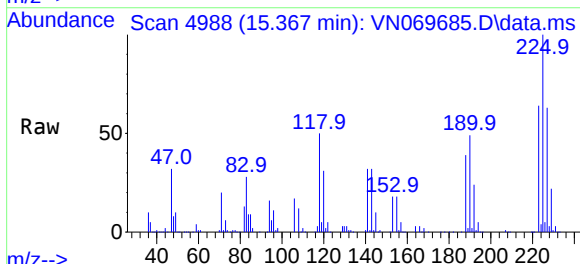
Manual Integrations
APPROVED

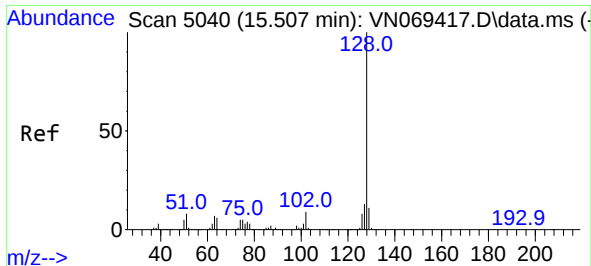
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#94
Hexachlorobutadiene
Concen: 62.324 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

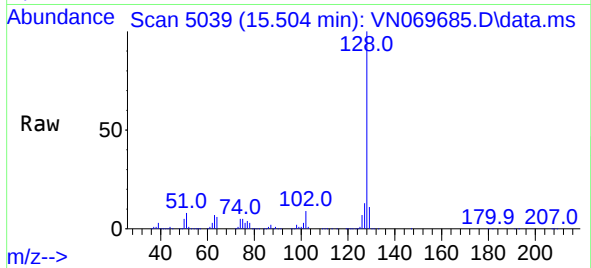
Tgt Ion:225 Resp: 357092
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 62.8 32.1 96.3





#95
Naphthalene
Concen: 44.272 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35

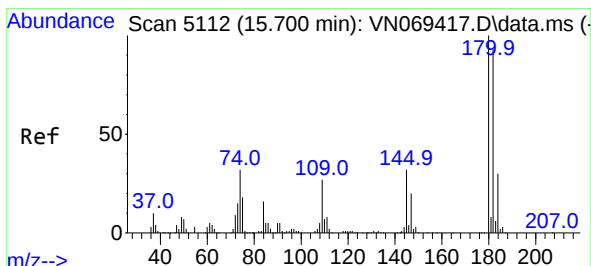
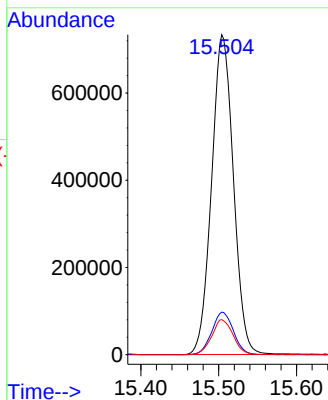
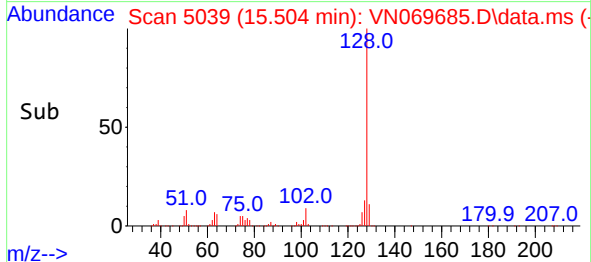
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



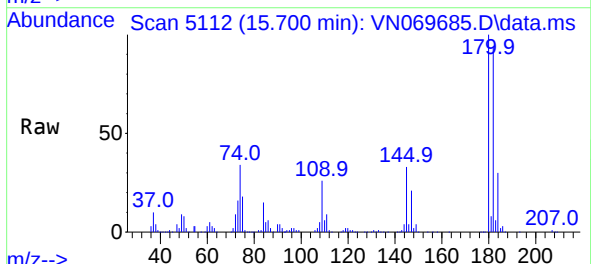
Tgt Ion:128 Resp: 142437
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#96
1,2,3-Trichlorobenzene
Concen: 49.594 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069685.D
Acq: 30 Nov 2021 17:35



Tgt Ion:180 Resp: 547634
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 33.3 15.0 45.1

