

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071717.D
 Acq On : 31 Mar 2022 20:26
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 02:27:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	84507	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	507488	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	452618	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	189798	31.878	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.267%			
60) 4-Bromofluorobenzene	12.727	95	191108	28.476	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.933%			
63) Toluene-d8	10.439	98	630838	30.703	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	88874	16.896	ug/l	94
3) Chloromethane	2.304	50	107187	17.290	ug/l	99
4) Vinyl Chloride	2.446	62	122024	17.163	ug/l	98
5) Bromomethane	2.857	94	79674	19.018	ug/l	99
6) Chloroethane	3.022	64	79675	17.500	ug/l	95
7) Trichlorofluoromethane	3.375	101	153274	18.491	ug/l	96
8) Diethyl Ether	3.828	74	67780	19.460	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	94932	19.123	ug/l #	65
10) 1,1-Dichloroethene	4.187	96	90351	18.454	ug/l	99
11) Methyl Iodide	4.422	142	129127	17.999	ug/l	89
12) Methyl Acetate	4.857	43	139745	20.254	ug/l	97
13) Acrolein	4.046	56	74123	100.979	ug/l	96
14) Acrylonitrile	5.551	53	312582	100.028	ug/l	98
15) Acetone	4.287	58	81924	91.098	ug/l	92
16) Carbon Disulfide	4.534	76	189238	14.846	ug/l	95
17) Allyl chloride	4.845	41	144047	18.140	ug/l	82
18) Methylene Chloride	5.098	84	115114	19.599	ug/l	95
19) trans-1,2-Dichloroethene	5.598	96	98006	18.716	ug/l	95
20) Diisopropyl ether	6.492	45	336652	20.262	ug/l	96
21) 1,1-Dichloroethane	6.387	63	195942	19.533	ug/l	97
22) cis-1,2-Dichloroethene	7.328	96	122661	19.280	ug/l	96
23) tert-Butyl Alcohol	5.369	59	96608	86.638	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	348987	19.751	ug/l	91
25) Chloroform	7.816	83	204205	20.240	ug/l	99
26) Cyclohexane	8.098	56	157795	18.198	ug/l #	99
29) 1,1-Dichloropropene	8.222	75	139587	16.993	ug/l	99
30) 2-Butanone	7.334	43	397638	86.966	ug/l	97
31) 2,2-Dichloropropane	7.328	77	146317	15.636	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	169649	17.733	ug/l	98
33) Carbon Tetrachloride	8.204	117	142787	17.632	ug/l	98
34) Benzene	8.457	78	461577	18.086	ug/l	98
35) Methacrylonitrile	7.639	41	80786	18.415	ug/l	93
36) 1,2-Dichloroethane	8.528	62	161406m	18.129	ug/l	
37) Trichloroethene	9.216	130	114639	17.409	ug/l	97
38) Methylcyclohexane	9.457	83	164866	15.923	ug/l	97
39) 1,2-Dichloropropane	9.486	63	116315	18.217	ug/l	98
40) Dibromomethane	9.575	93	78421	18.145	ug/l	87
41) Bromodichloromethane	9.757	83	155873	18.023	ug/l	99
42) Vinyl Acetate	6.434	43	1384756	88.388	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	167678	18.912	ug/l	99
44) Isopropyl Acetate	8.557	43	254952	17.929	ug/l	95
45) 1,4-Dioxane	9.563	88	47618	331.895	ug/l	96
46) Methyl methacrylate	9.557	41	111191	17.831	ug/l	83
47) n-amyl Acetate	12.386	43	142693	15.037	ug/l #	90
48) t-1,3-Dichloropropene	10.716	75	158274	16.837	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	177570	17.274	ug/l #	84
50) 1,1,2-Trichloroethane	10.892	97	120940	18.719	ug/l	98
51) Ethyl methacrylate	10.757	69	177259	17.769	ug/l	84
52) 1,3-Dichloropropane	11.045	76	201274	18.242	ug/l	100
53) Dibromochloromethane	11.233	129	123397	18.450	ug/l	100
54) 1,2-Dibromoethane	11.345	107	120686	18.159	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	161792	60.195	ug/l	99
56) Bromoform	12.457	173	90794	17.607	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	801304	93.261	ug/l	92
59) 2-Hexanone	11.080	43	556237	88.670	ug/l	90
61) Tetrachloroethene	10.974	164	100594	18.261	ug/l	87
62) Toluene	10.504	91	506651	18.461	ug/l	96
64) Chlorobenzene	11.769	112	309601	18.288	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	116817	18.810	ug/l	99
66) Ethyl Benzene	11.839	91	531801	17.831	ug/l	95
67) m/p-Xylenes	11.951	106	412729	35.572	ug/l	95
68) o-Xylene	12.280	106	204175	17.705	ug/l	98
69) Styrene	12.292	104	310768	17.122	ug/l	98
70) Isopropylbenzene	12.574	105	527317	18.218	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	180705	19.182	ug/l	97
72) 1,2,3-Trichloropropane	12.880	75	169745m	20.974	ug/l	
73) Bromobenzene	12.857	156	122236	17.311	ug/l	98
74) n-propylbenzene	12.916	91	543934	17.218	ug/l	98
75) 2-Chlorotoluene	13.004	91	349117	17.684	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	430760	18.550	ug/l	96
77) t-1,4-Dichloro-2-butene	12.621	75	43049	15.149	ug/l	97
78) 4-Chlorotoluene	13.104	91	308447	16.729	ug/l	99
79) tert-butylbenzene	13.321	119	377958	18.037	ug/l	94
80) 1,2,4-Trimethylbenzene	13.363	105	405975m	18.019	ug/l	
81) sec-Butylbenzene	13.498	105	487968	17.331	ug/l	98
82) p-Isopropyltoluene	13.610	119	395530	17.290	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	192253	16.639	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	184112	16.695	ug/l	98
85) n-Butylbenzene	13.939	91	263599	15.513	ug/l	96
86) Hexachloroethane	14.204	117	74534	17.447	ug/l	81
87) 1,2-Dichlorobenzene	13.986	146	198039	17.729	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	28231	16.843	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.262	180	80625	15.614	ug/l	95
90) Hexachlorobutadiene	15.368	225	53427	17.461	ug/l	97
91) Naphthalene	15.504	128	195998	16.734	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	79617	15.722	ug/l	97

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

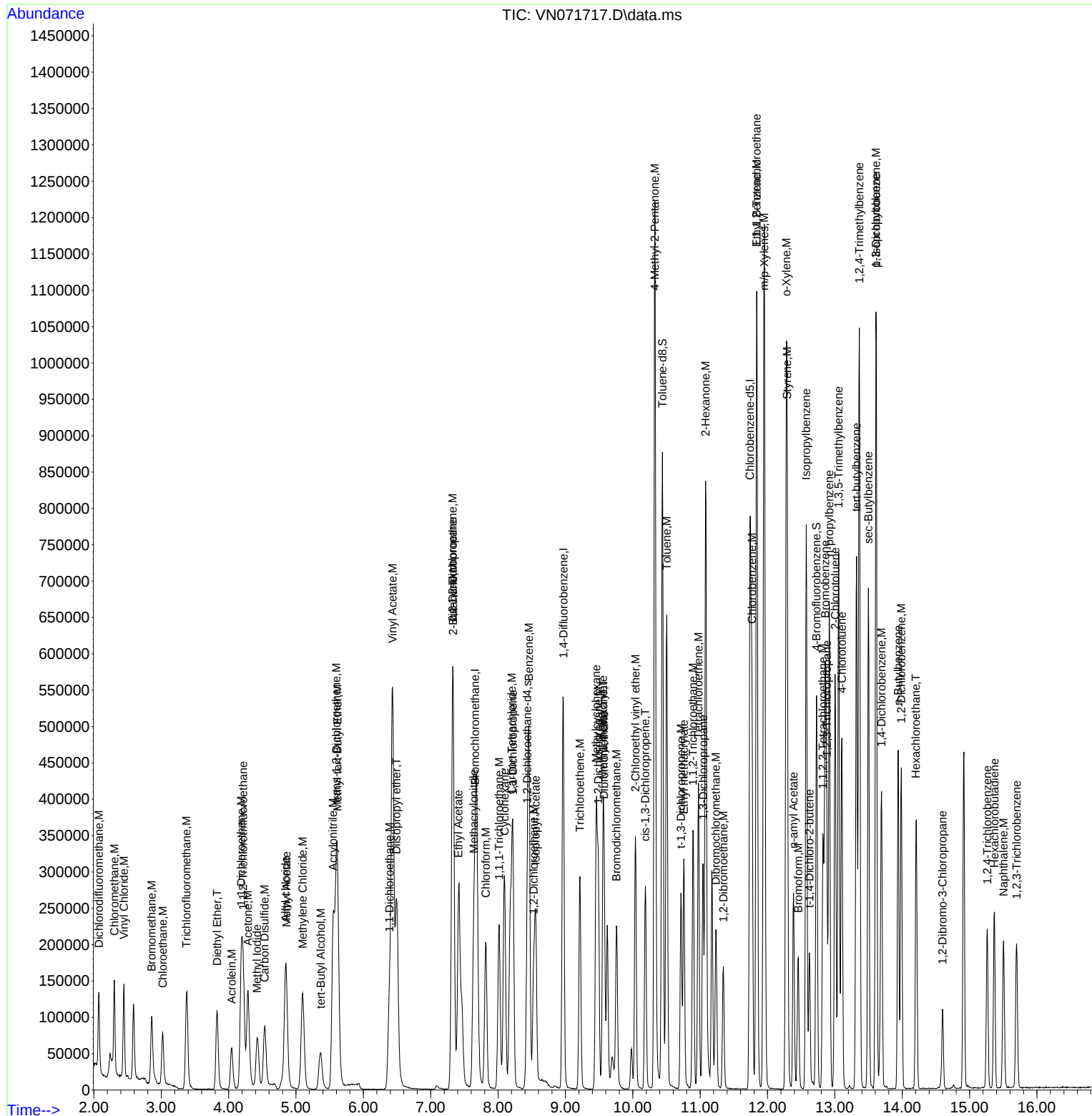
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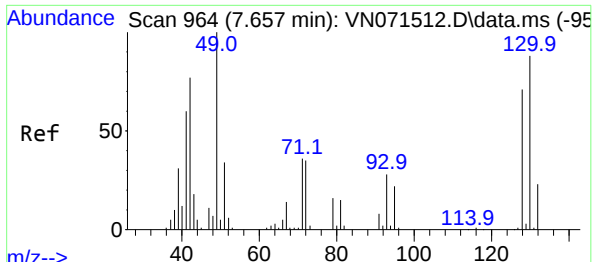
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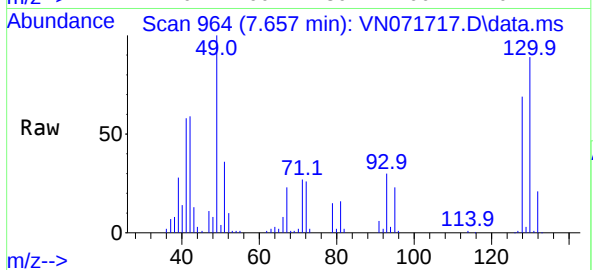
Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

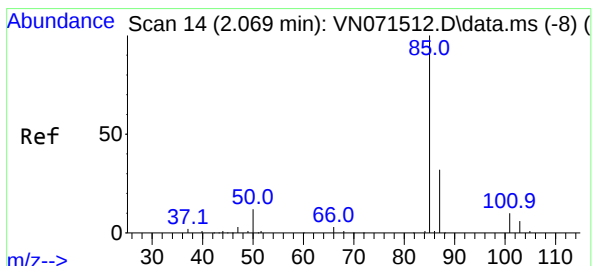
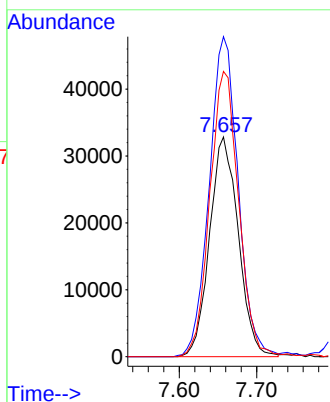
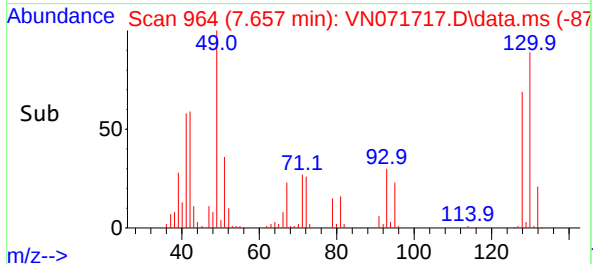
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



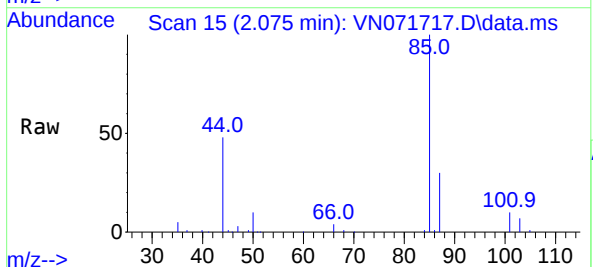
Tgt Ion:128 Resp: 8450
Ion Ratio Lower Upper
128 100
49 146.5 0.0 392.3
130 130.5 0.0 320.2

Manual Integrations
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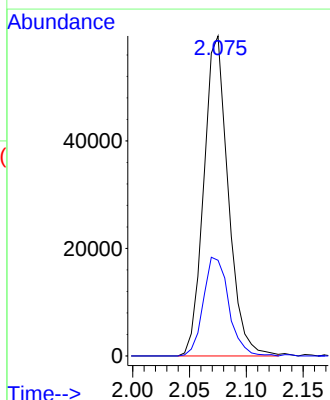
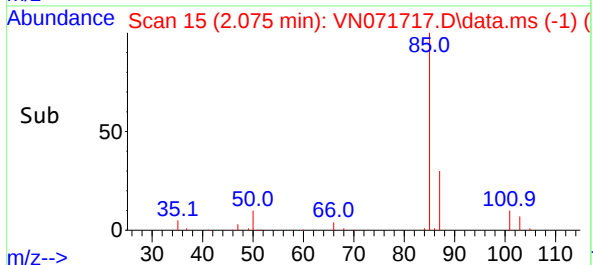
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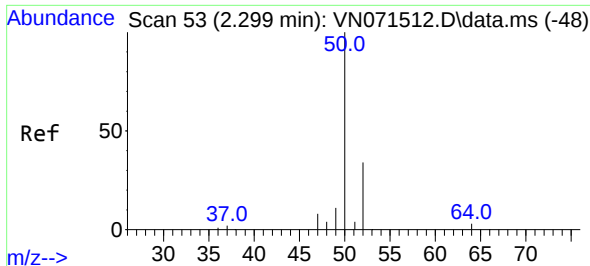


#2
Dichlorodifluoromethane
Concen: 16.896 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



Tgt Ion: 85 Resp: 88874
Ion Ratio Lower Upper
85 100
87 29.9 16.6 49.7





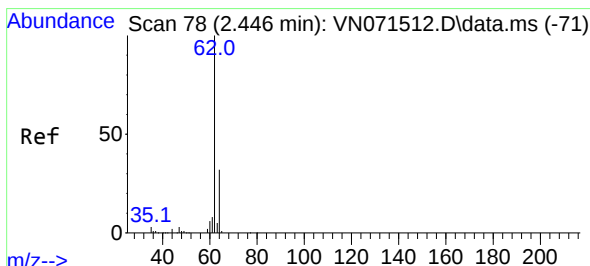
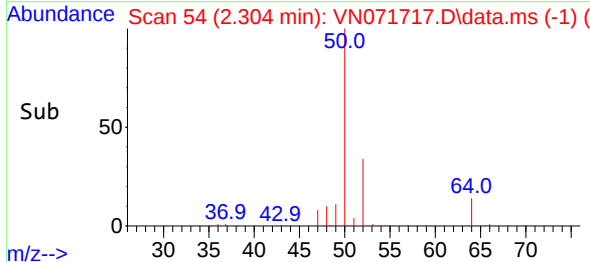
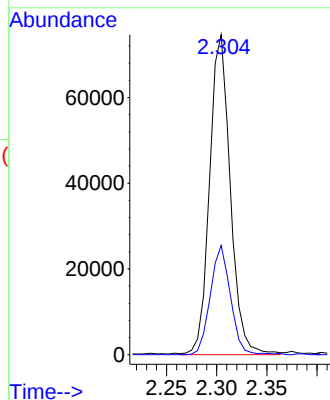
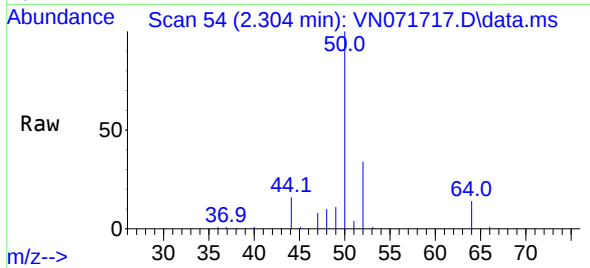
#3
Chloromethane
Concen: 17.290 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

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ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 10718
Ion Ratio Lower Upper
50 100
52 34.3 27.8 41.6

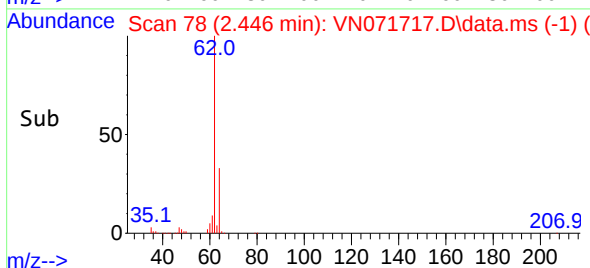
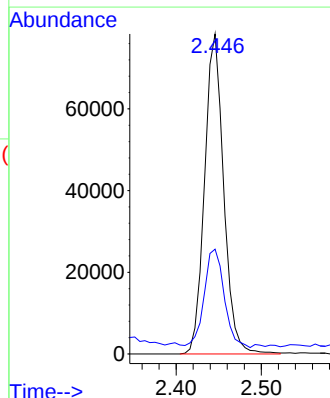
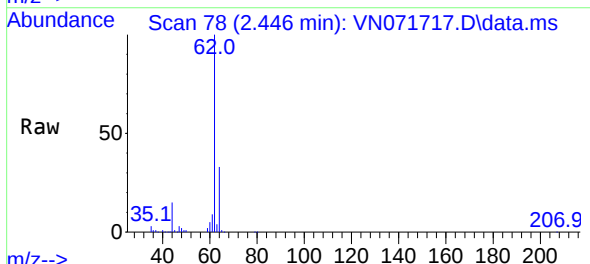
Manual Integrations
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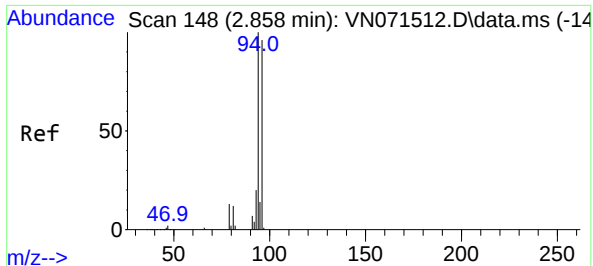
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#4
Vinyl Chloride
Concen: 17.163 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

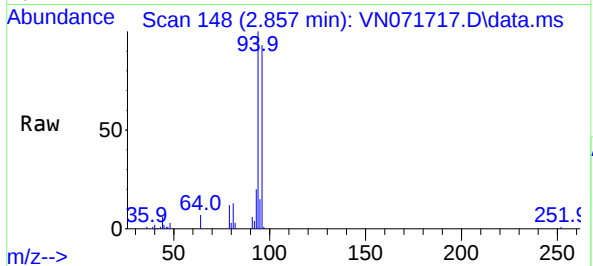
Tgt Ion: 62 Resp: 122024
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7





#5
Bromomethane
Concen: 19.018 ug/l
RT: 2.857 min Scan# 148
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

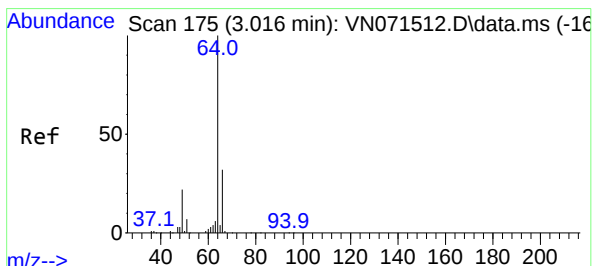
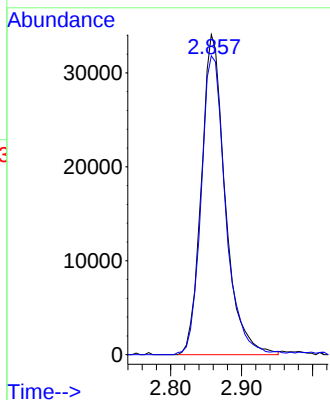
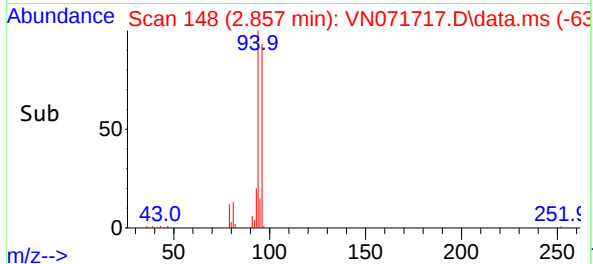
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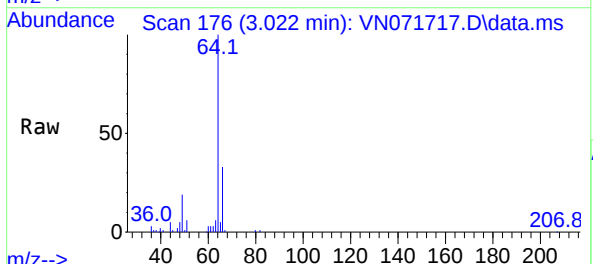
Tgt Ion: 94 Resp: 79674
Ion Ratio Lower Upper
94 100
96 92.8 75.2 112.8

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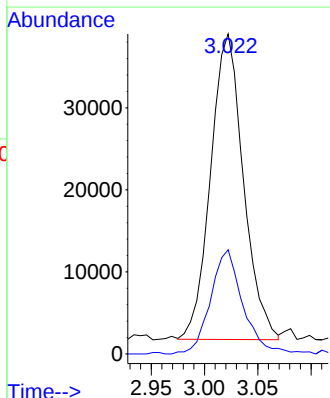
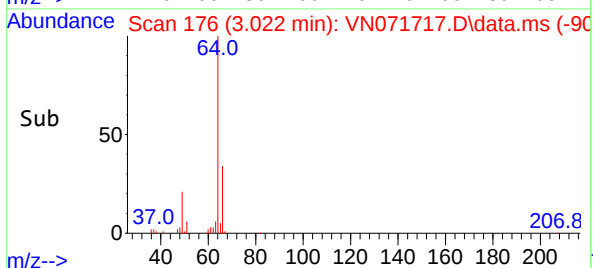
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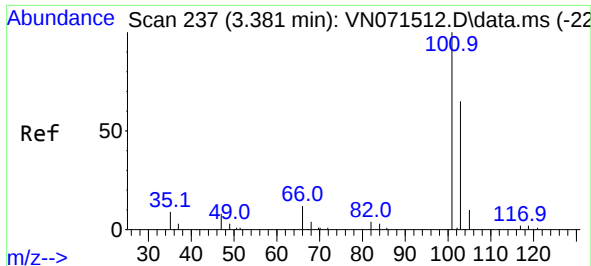


#6
Chloroethane
Concen: 17.500 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



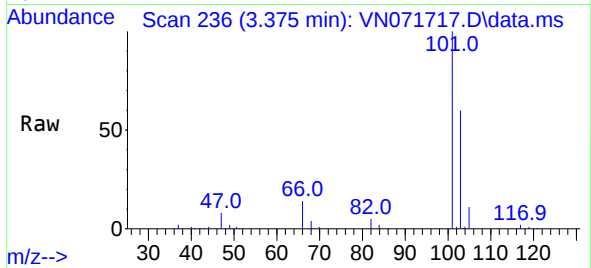
Tgt Ion: 64 Resp: 79675
Ion Ratio Lower Upper
64 100
66 33.5 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.491 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071717.D
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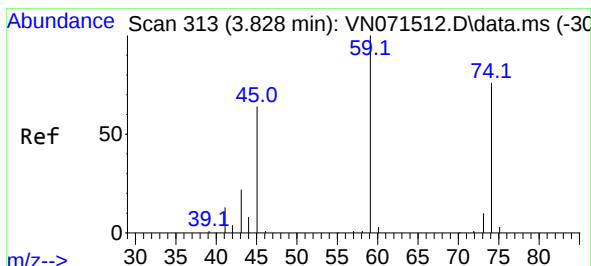
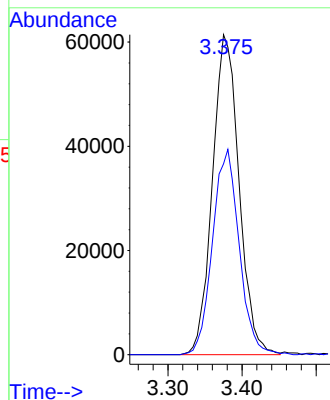
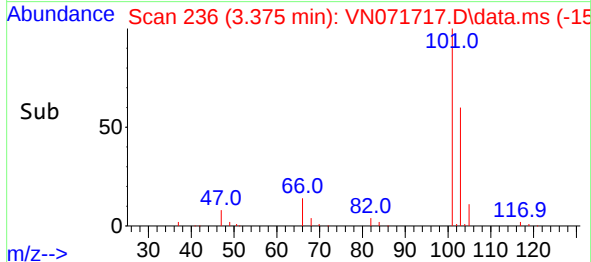
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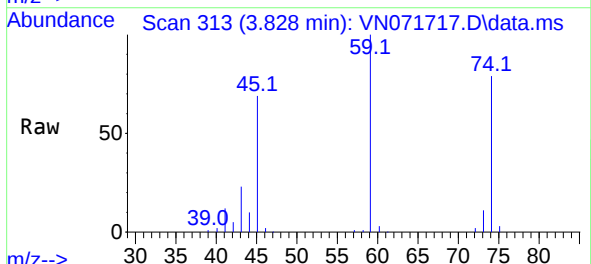
Tgt Ion:101 Resp: 153274
Ion Ratio Lower Upper
101 100
103 59.7 50.1 75.1

Manual Integrations
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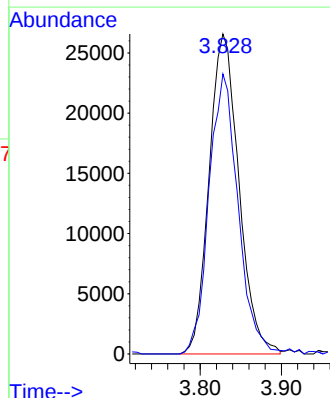
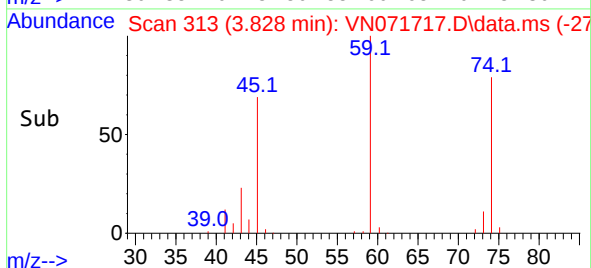
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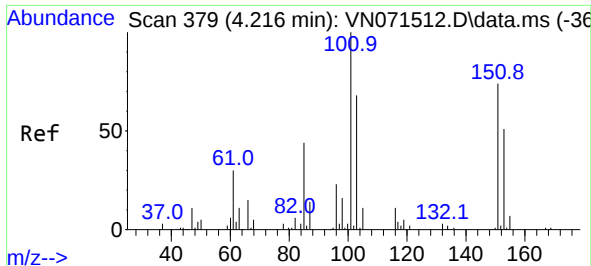


#8
Diethyl Ether
Concen: 19.460 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



Tgt Ion: 74 Resp: 67780
Ion Ratio Lower Upper
74 100
45 85.3 17.6 158.8





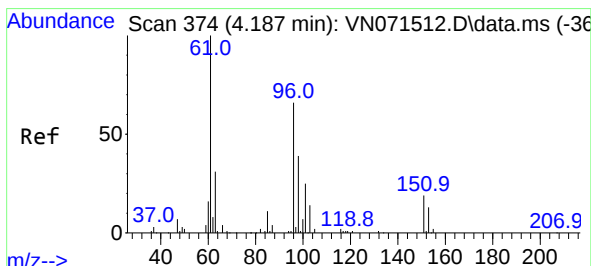
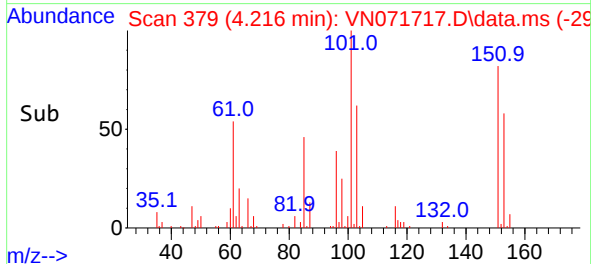
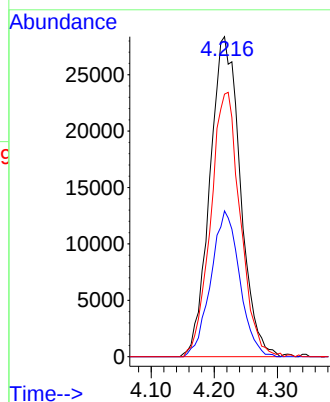
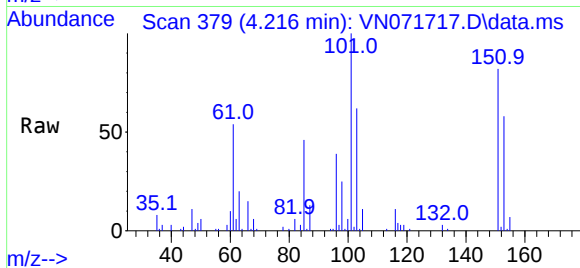
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.123 ug/l
RT: 4.216 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 94932
Ion Ratio Lower Upper
101 100
85 43.0 0.0 94.0
151 80.0 0.0 74.6

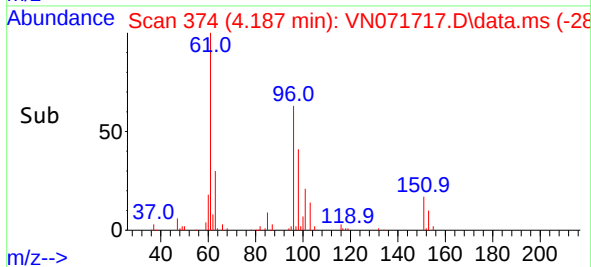
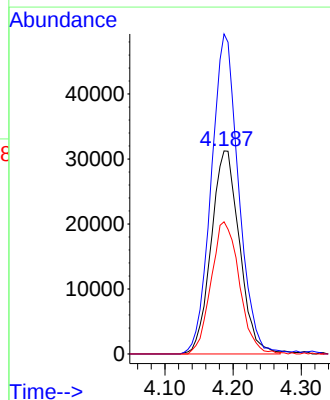
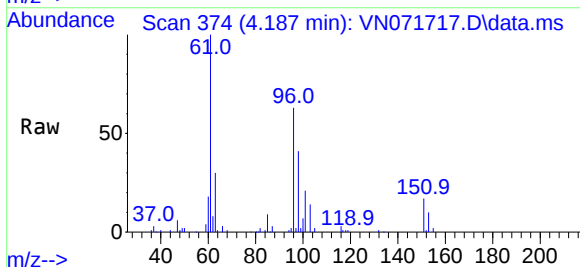
Manual Integrations
APPROVED

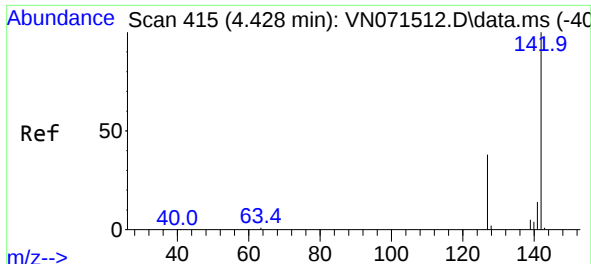
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
1,1-Dichloroethene
Concen: 18.454 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

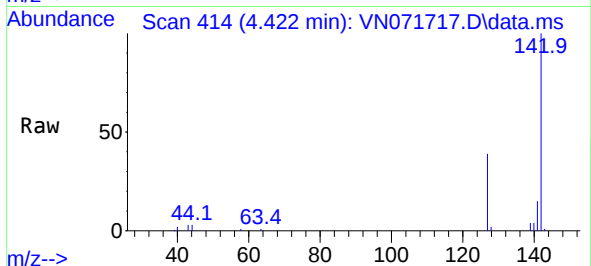
Tgt Ion: 96 Resp: 90351
Ion Ratio Lower Upper
96 100
61 157.6 126.2 189.4
98 65.1 50.9 76.3





#11
Methyl Iodide
Concen: 17.999 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

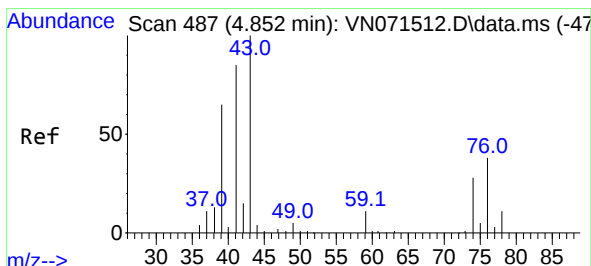
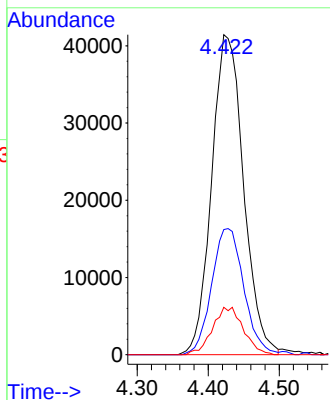
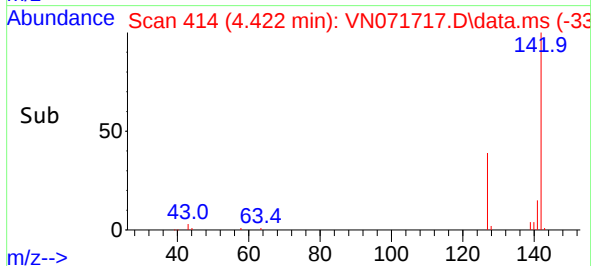
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 129127
Ion Ratio Lower Upper
142 100
127 39.1 24.0 72.0
141 14.9 8.4 25.2

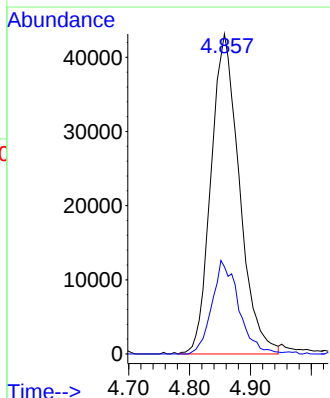
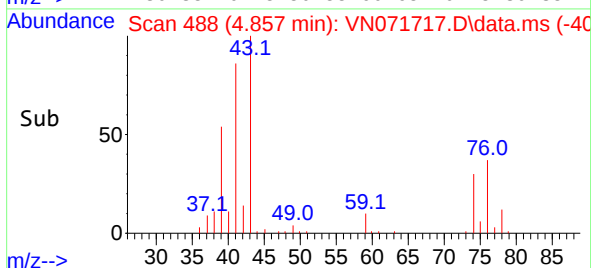
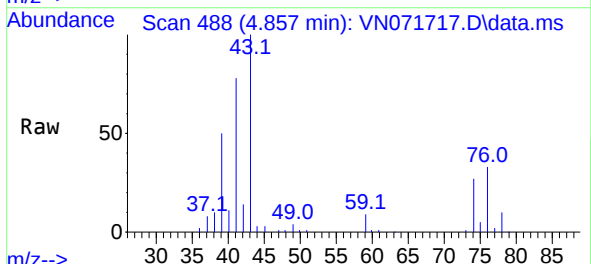
Manual Integrations
APPROVED

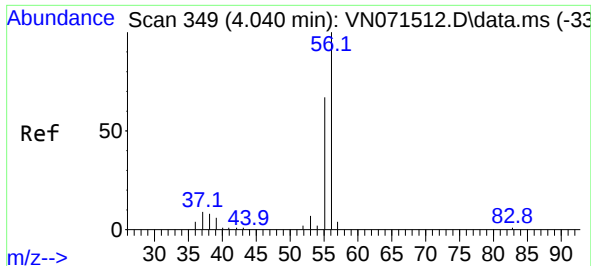
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#12
Methyl Acetate
Concen: 20.254 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion: 43 Resp: 139745
Ion Ratio Lower Upper
43 100
74 27.3 20.8 31.2





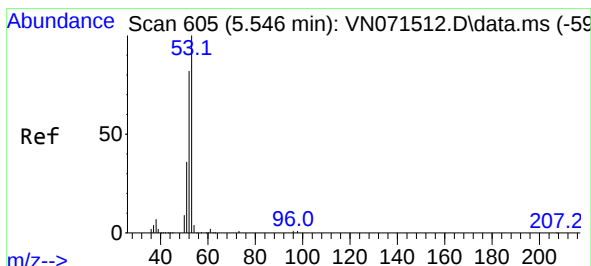
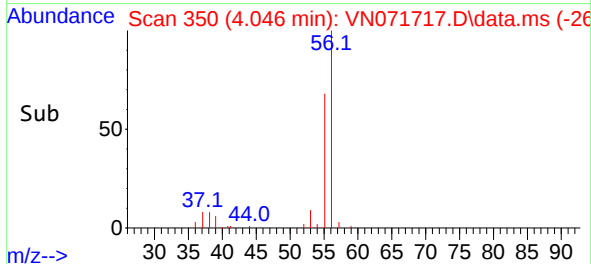
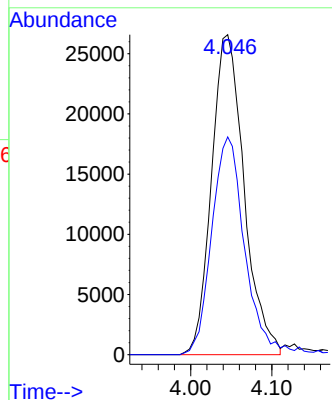
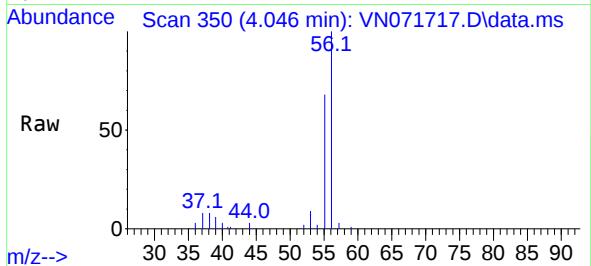
#13
Acrolein
Concen: 100.979 ug/l
RT: 4.046 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 7412
Ion Ratio Lower Upper
56 100
55 68.5 57.6 86.4

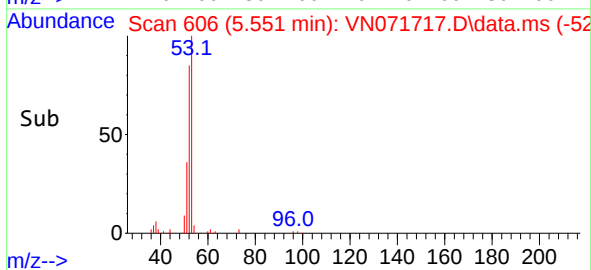
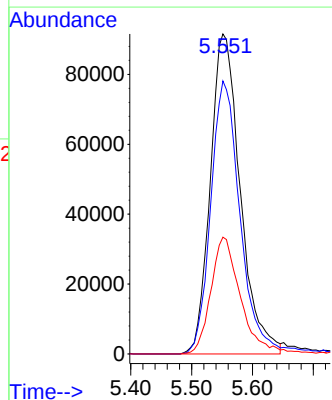
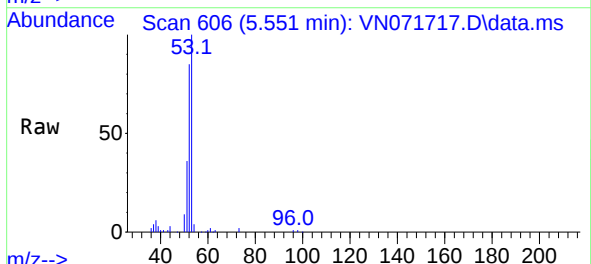
Manual Integrations
APPROVED

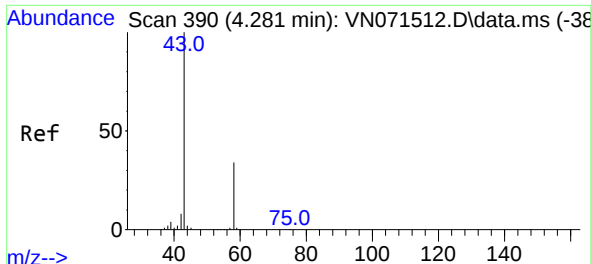
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#14
Acrylonitrile
Concen: 100.028 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion: 53 Resp: 312582
Ion Ratio Lower Upper
53 100
52 83.0 41.8 125.4
51 35.1 19.0 57.0





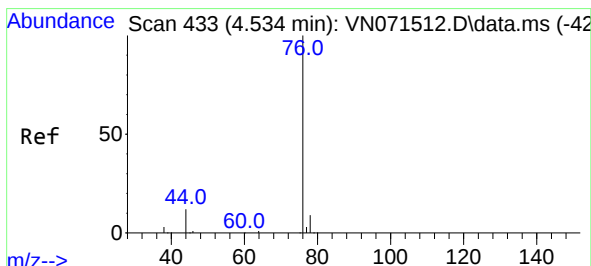
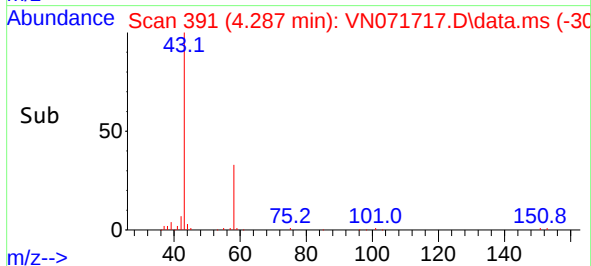
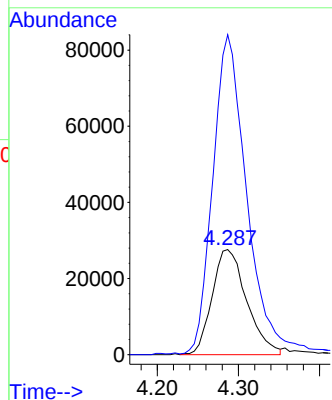
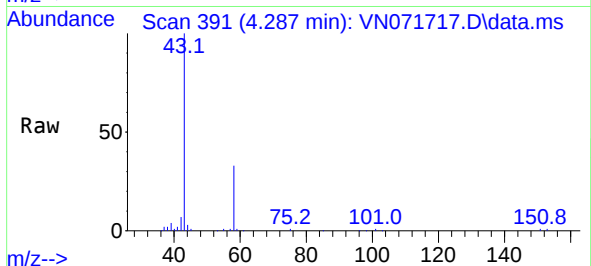
#15
Acetone
Concen: 91.098 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 81924
Ion Ratio Lower Upper
58 100
43 303.8 256.6 384.8

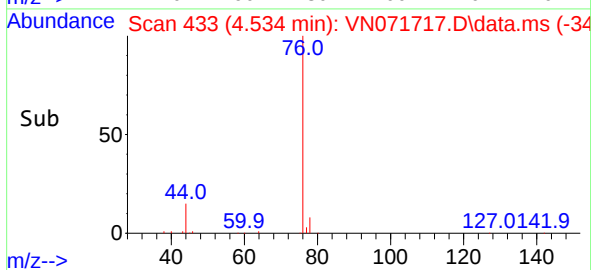
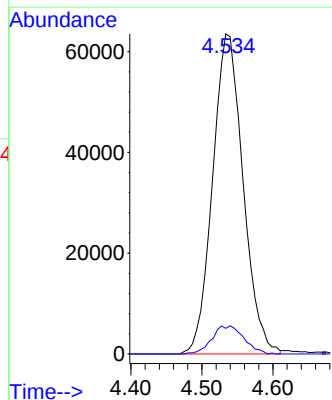
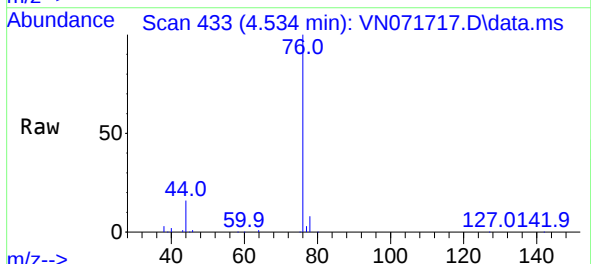
Manual Integrations
APPROVED

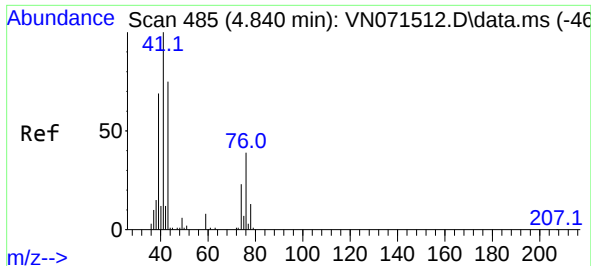
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#16
Carbon Disulfide
Concen: 14.846 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

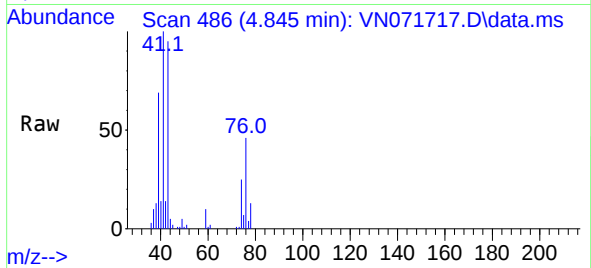
Tgt Ion: 76 Resp: 189238
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.8





#17
 Allyl chloride
 Concen: 18.140 ug/l
 RT: 4.845 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN071717.D
 Acq: 31 Mar 2022 20:26

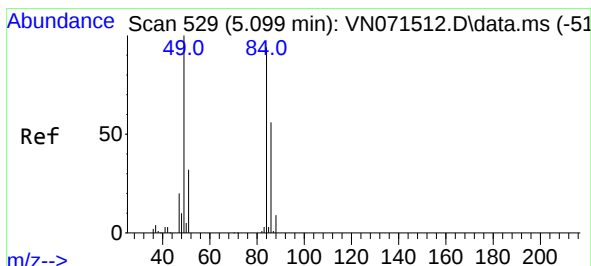
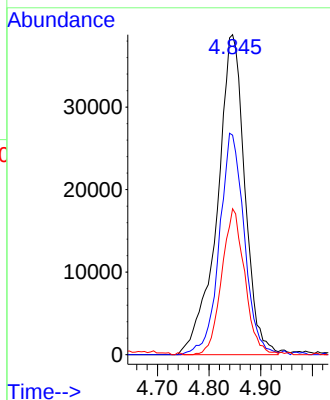
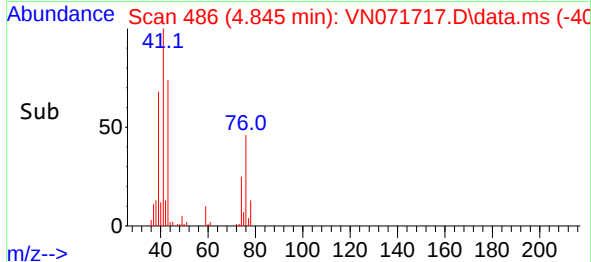
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 14404
 Ion Ratio Lower Upper
 41 100
 39 68.6 44.6 134.0
 76 45.2 19.6 58.7

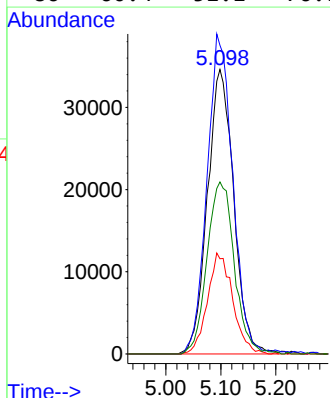
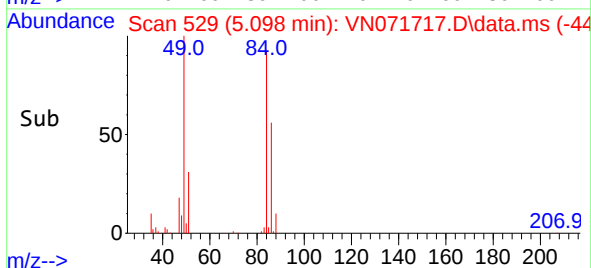
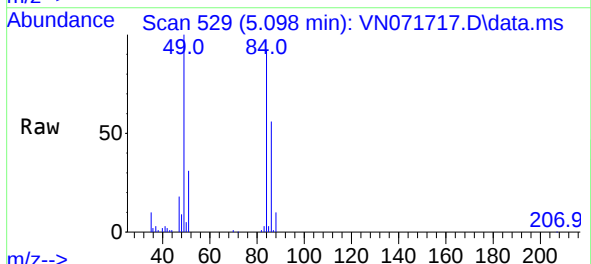
Manual Integrations
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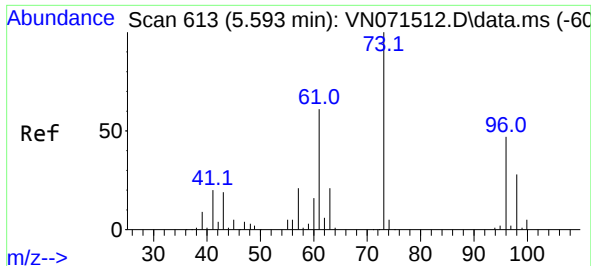
Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#18
 Methylene Chloride
 Concen: 19.599 ug/l
 RT: 5.098 min Scan# 529
 Delta R.T. -0.000 min
 Lab File: VN071717.D
 Acq: 31 Mar 2022 20:26

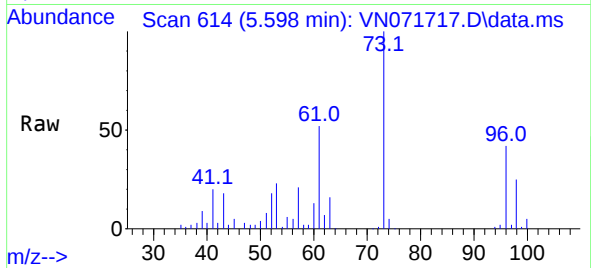
Tgt Ion: 84 Resp: 115114
 Ion Ratio Lower Upper
 84 100
 49 108.5 91.4 137.0
 51 33.5 29.4 44.0
 86 60.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 18.716 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

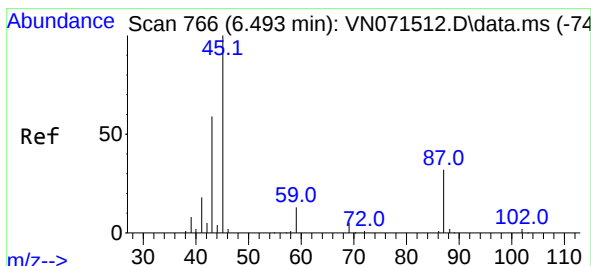
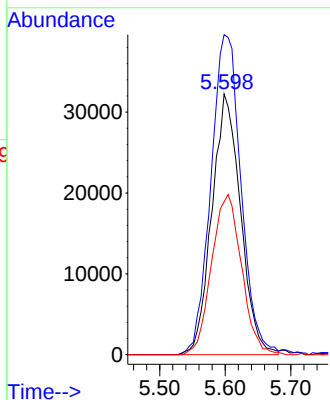
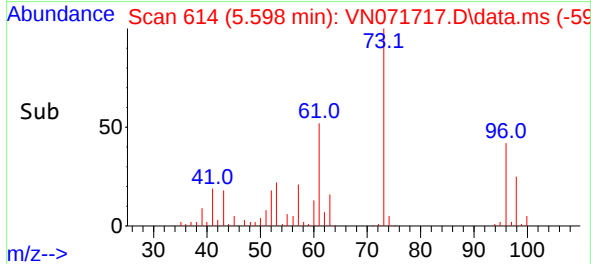
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



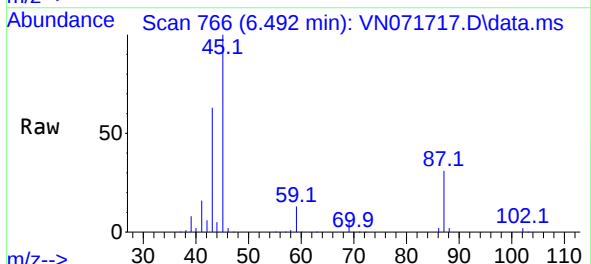
Tgt Ion: 96 Resp: 98000
Ion Ratio Lower Upper
96 100
61 122.7 102.8 154.2
98 58.6 49.3 73.9

Manual Integrations
APPROVED

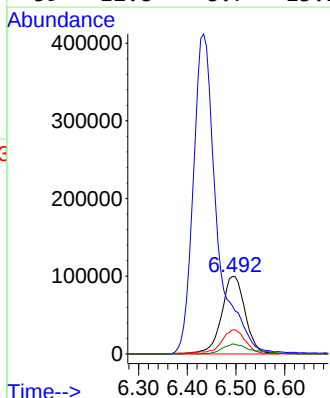
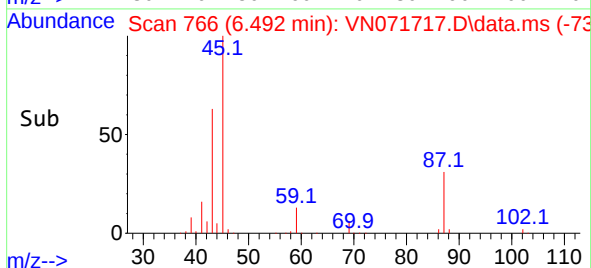
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

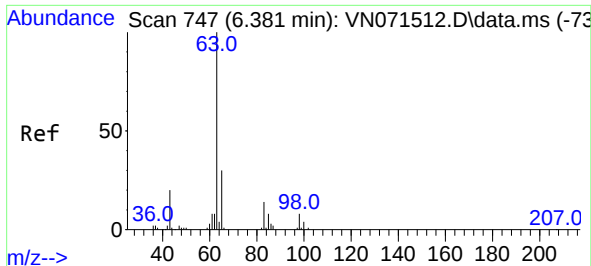


#20
Diisopropyl ether
Concen: 20.262 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



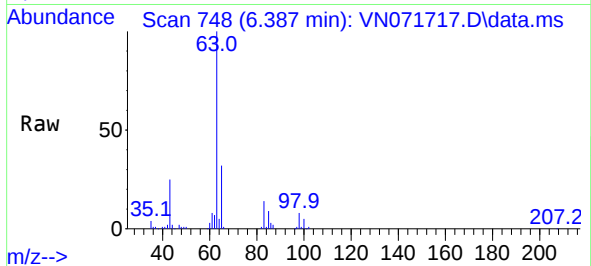
Tgt Ion: 45 Resp: 336652
Ion Ratio Lower Upper
45 100
43 59.4 51.0 76.4
87 30.7 25.0 37.4
59 12.8 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.533 ug/l
RT: 6.387 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

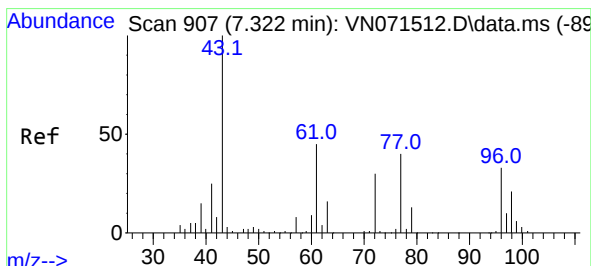
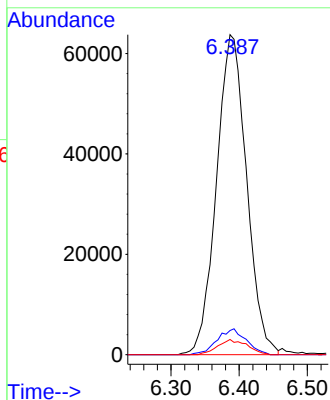
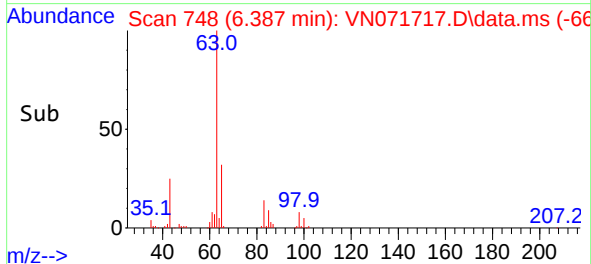
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



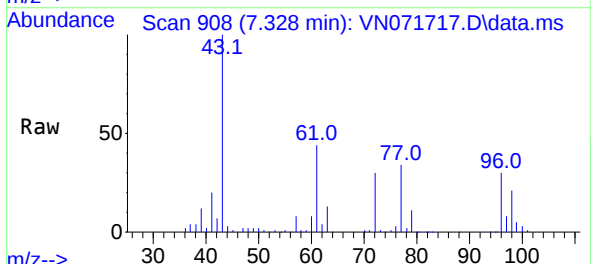
Tgt Ion: 63 Resp: 19594
Ion Ratio Lower Upper
63 100
98 7.6 3.2 9.6
100 4.8 2.1 6.2

Manual Integrations
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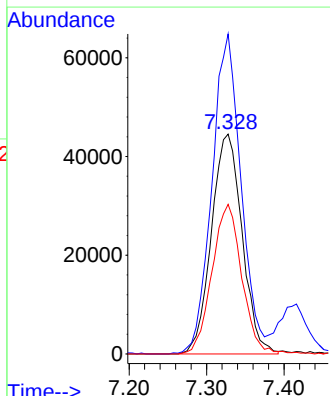
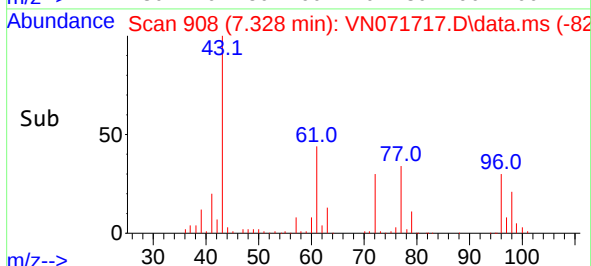
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

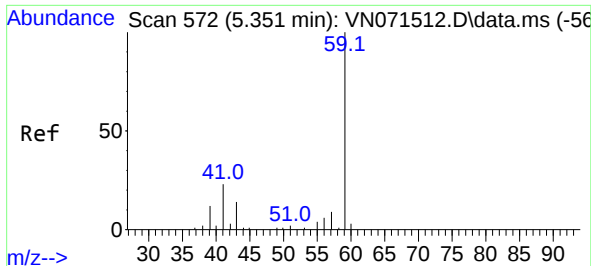


#22
cis-1,2-Dichloroethene
Concen: 19.280 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



Tgt Ion: 96 Resp: 122661
Ion Ratio Lower Upper
96 100
61 137.6 115.7 173.5
98 65.6 51.6 77.4





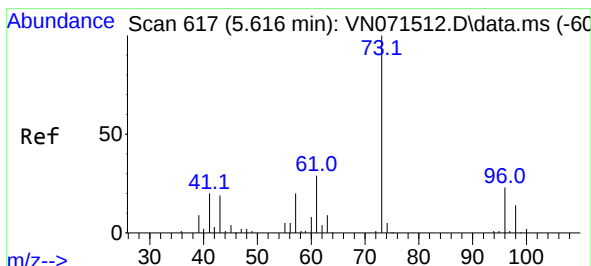
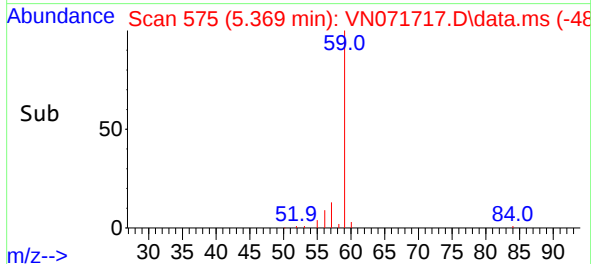
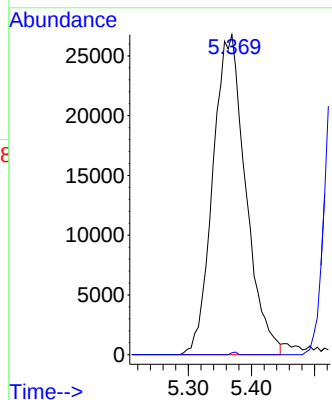
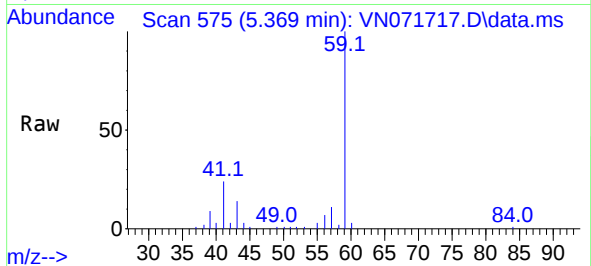
#23
tert-Butyl Alcohol
Concen: 86.638 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 96608
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

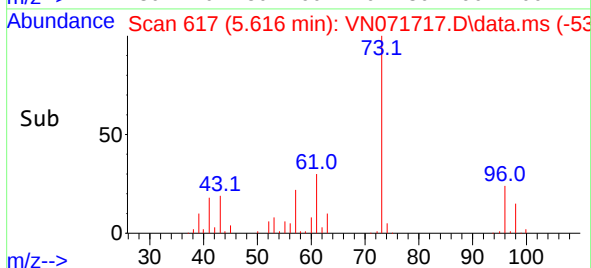
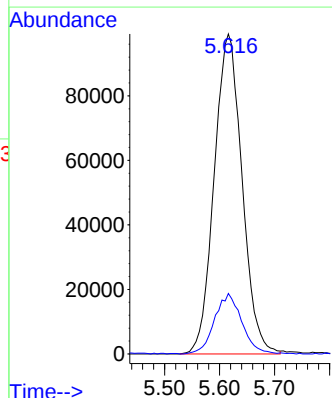
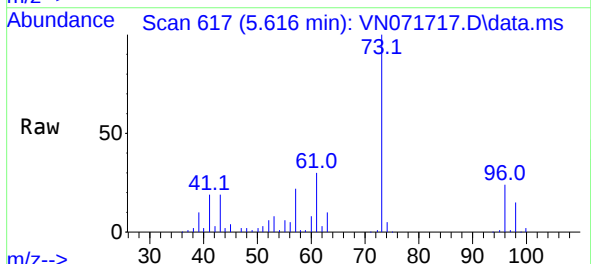
Manual Integrations
APPROVED

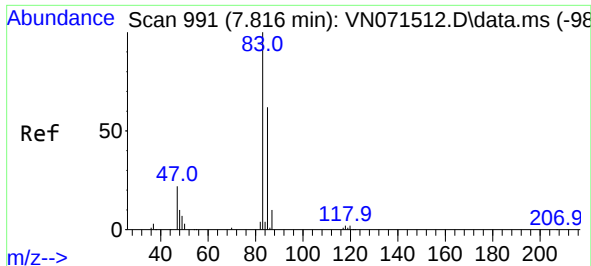
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#24
Methyl tert-Butyl Ether
Concen: 19.751 ug/l
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

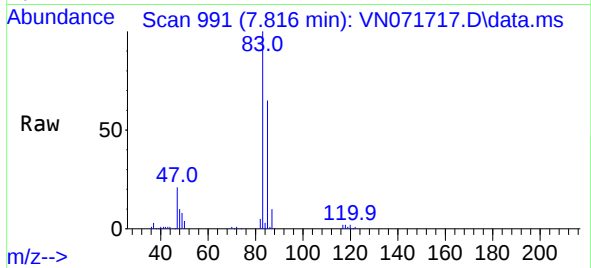
Tgt Ion: 73 Resp: 348987
Ion Ratio Lower Upper
73 100
43 18.5 18.1 27.1





#25
Chloroform
Concen: 20.240 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

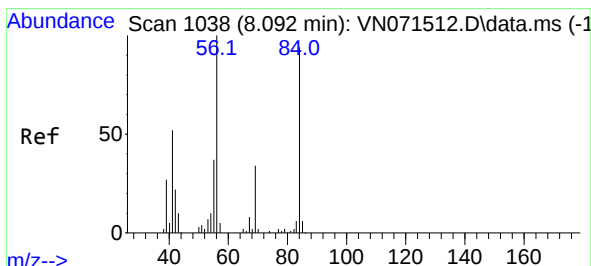
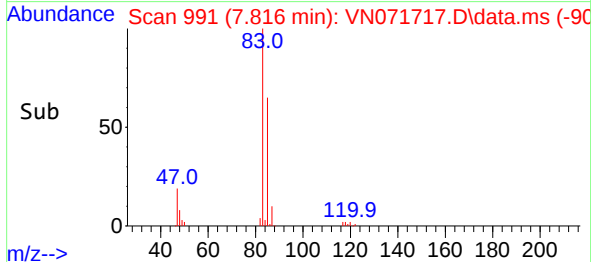
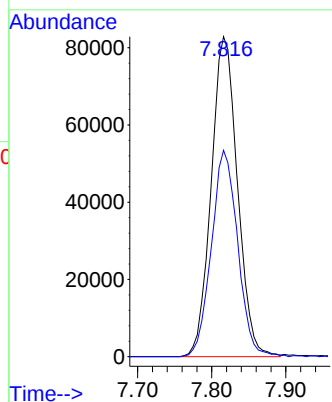
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 204209
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9

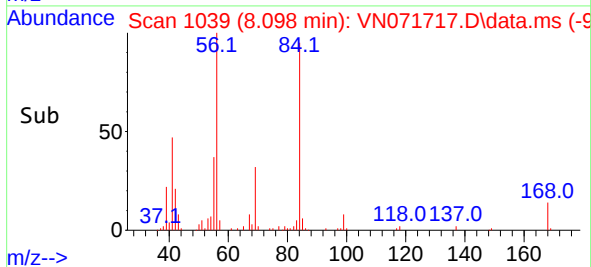
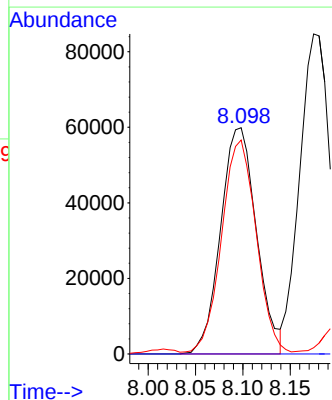
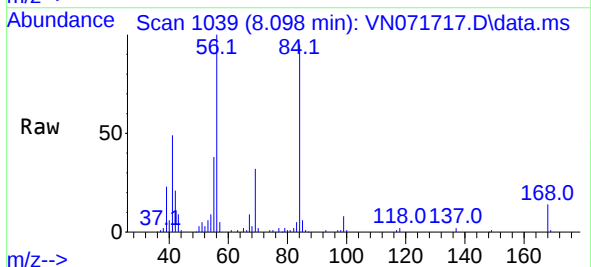
Manual Integrations
APPROVED

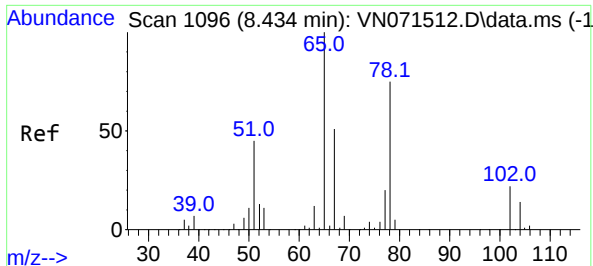
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#26
Cyclohexane
Concen: 18.198 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

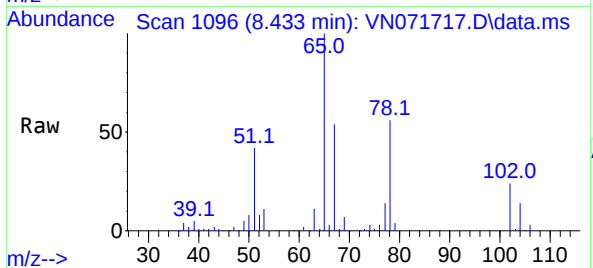
Tgt Ion: 56 Resp: 157795
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 91.9 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.878 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

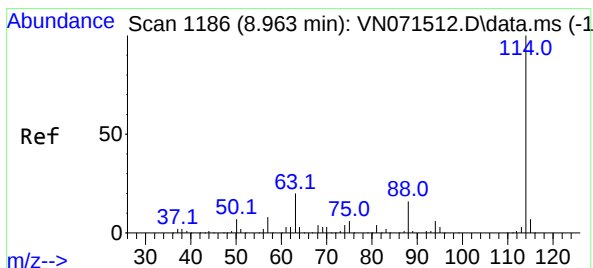
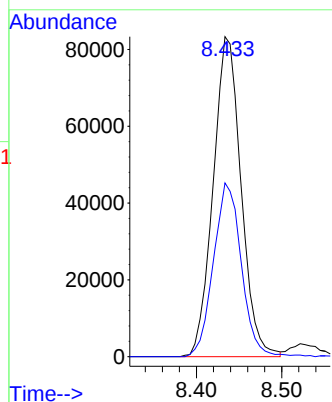
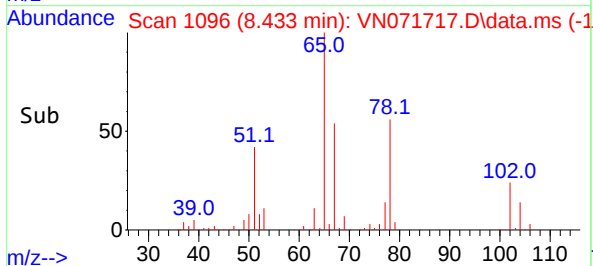
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



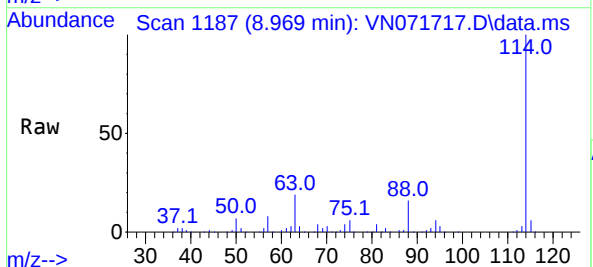
Tgt Ion: 65 Resp: 189798
Ion Ratio Lower Upper
65 100
67 54.0 40.2 60.2

Manual Integrations
APPROVED

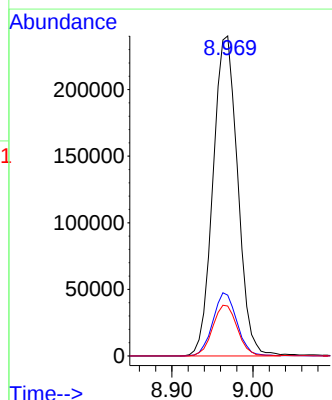
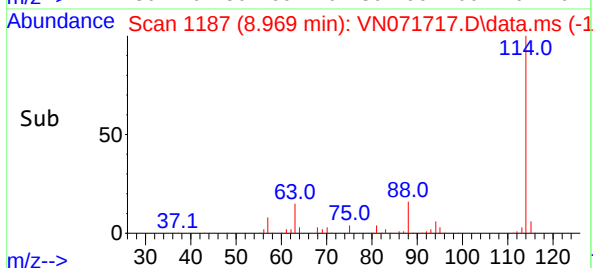
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

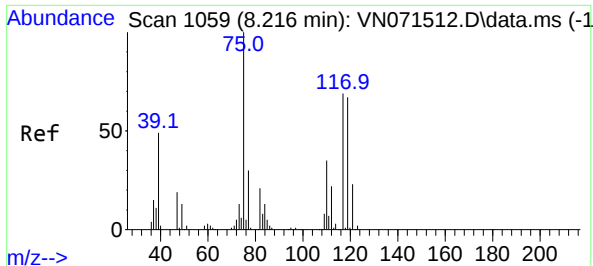


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



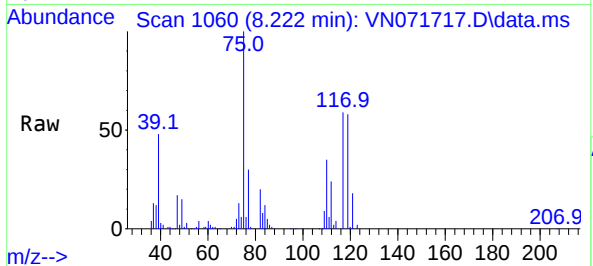
Tgt Ion:114 Resp: 507488
Ion Ratio Lower Upper
114 100
63 19.3 15.8 23.6
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 16.993 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

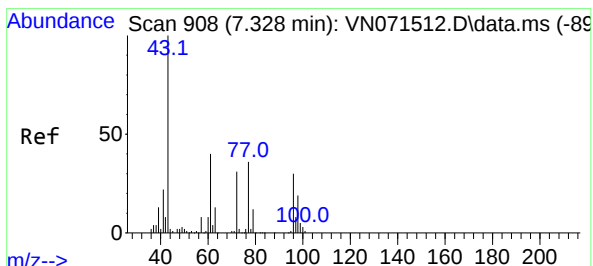
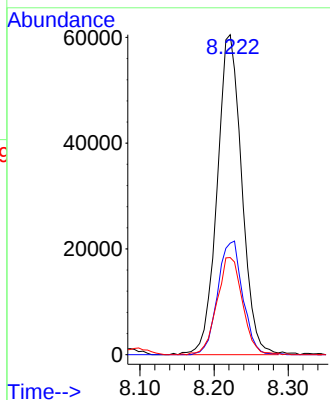
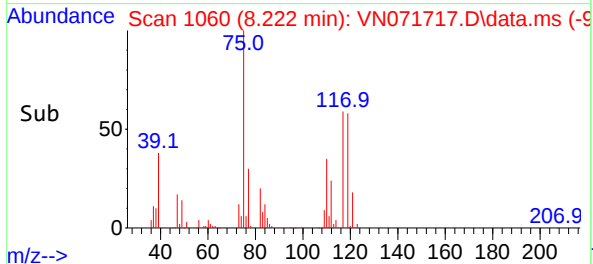
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



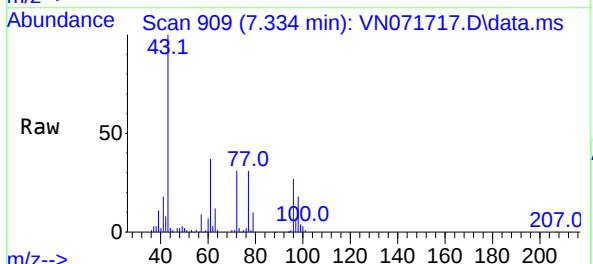
Tgt Ion: 75 Resp: 13958
Ion Ratio Lower Upper
75 100
110 35.9 0.0 74.2
77 31.5 0.0 63.2

Manual Integrations
APPROVED

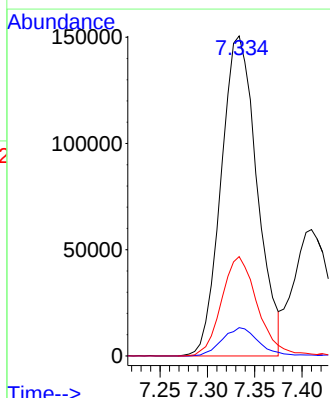
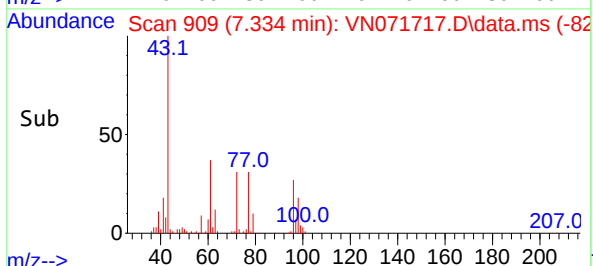
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

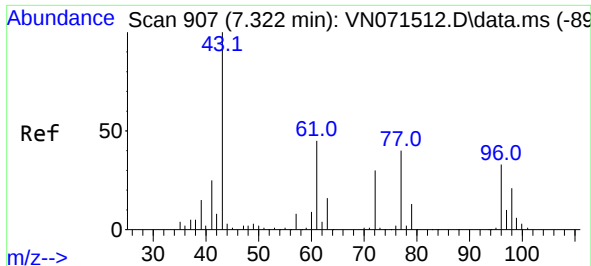


#30
2-Butanone
Concen: 86.966 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



Tgt Ion: 43 Resp: 397638
Ion Ratio Lower Upper
43 100
57 8.9 6.7 10.1
72 31.1 23.2 34.8





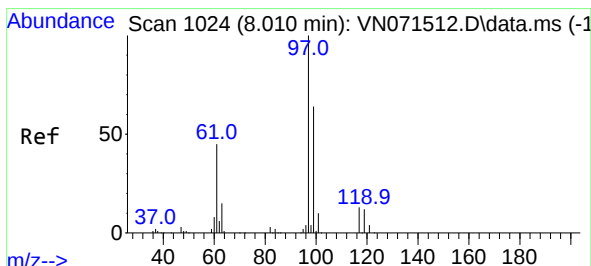
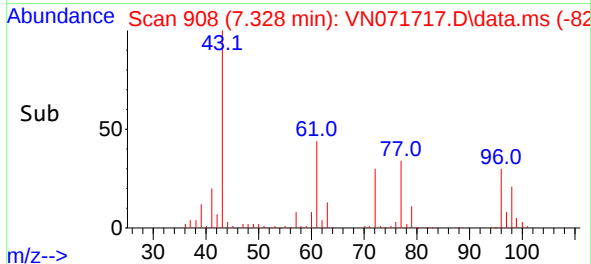
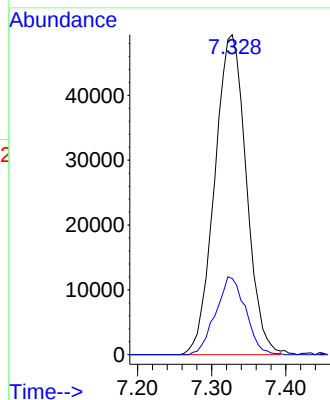
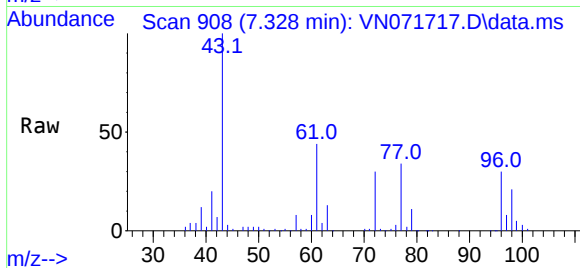
#31
2,2-Dichloropropane
Concen: 15.636 ug/l
RT: 7.328 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 14631
Ion Ratio Lower Upper
77 100
97 23.0 18.3 27.5

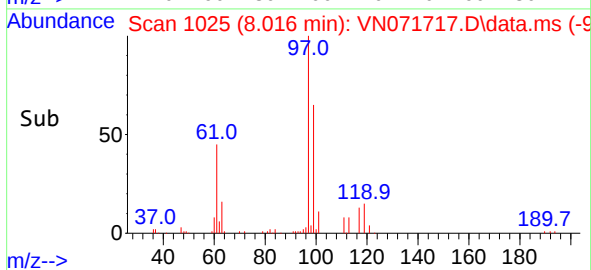
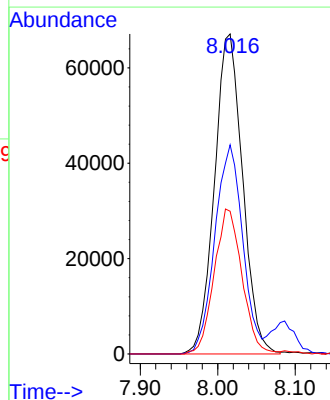
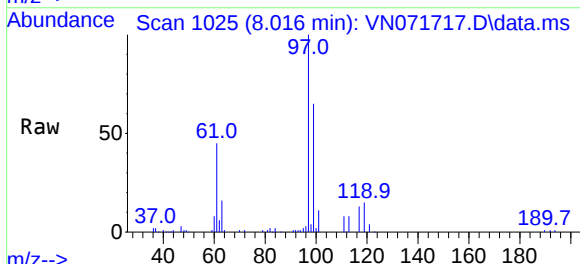
Manual Integrations
APPROVED

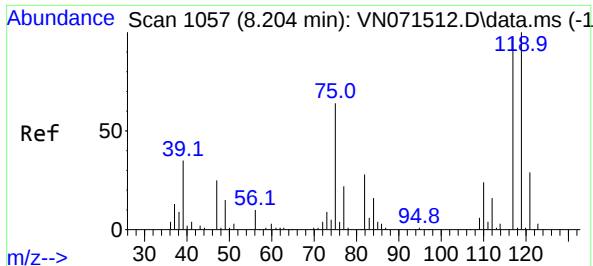
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#32
1,1,1-Trichloroethane
Concen: 17.733 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

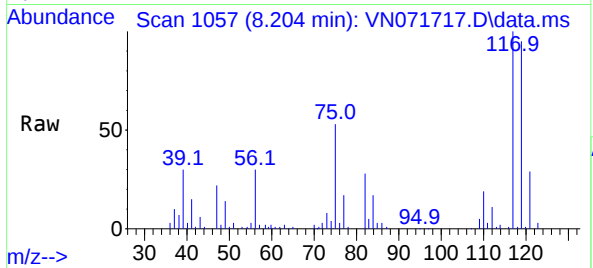
Tgt Ion: 97 Resp: 169649
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 44.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 17.632 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

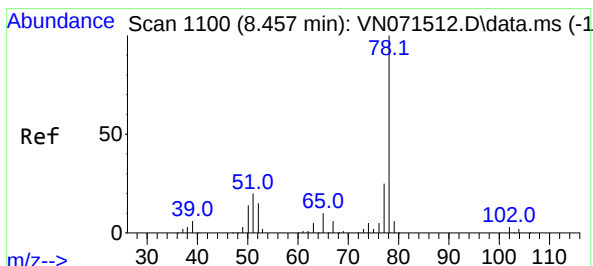
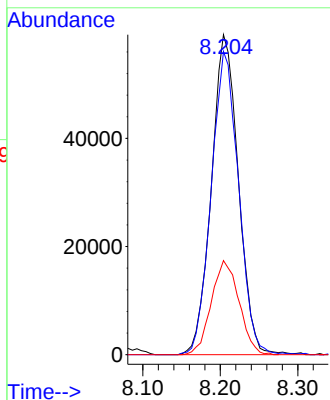
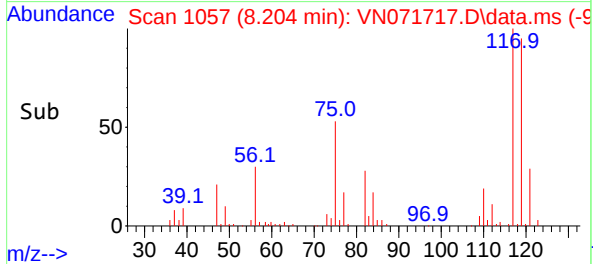
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



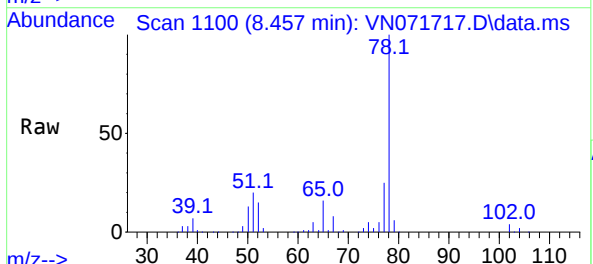
Tgt Ion:117 Resp: 14278
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3
121 29.4 23.5 35.3

Manual Integrations
APPROVED

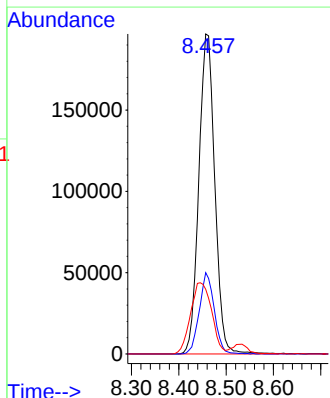
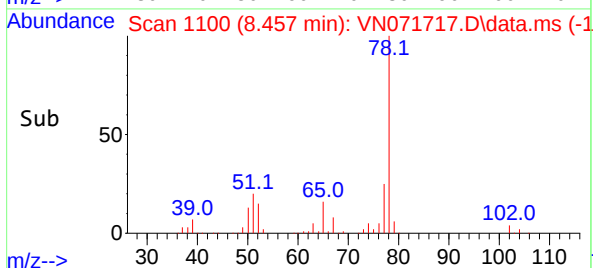
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

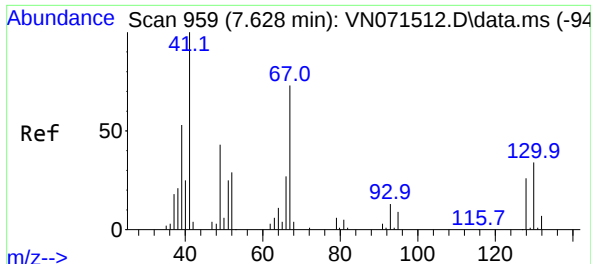


#34
Benzene
Concen: 18.086 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



Tgt Ion: 78 Resp: 461577
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7
51 20.2 16.0 24.0





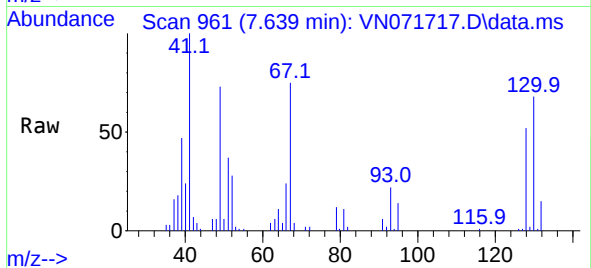
#35
Methacrylonitrile
Concen: 18.415 ug/l
RT: 7.639 min Scan# 90
Delta R.T. 0.012 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

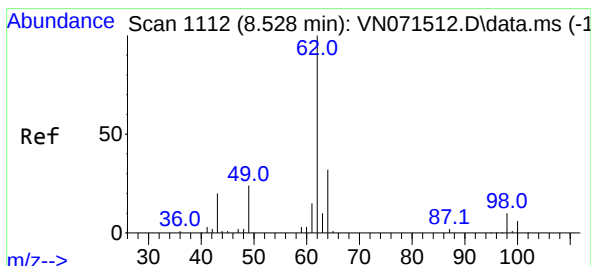
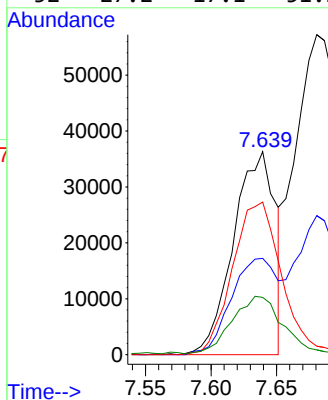
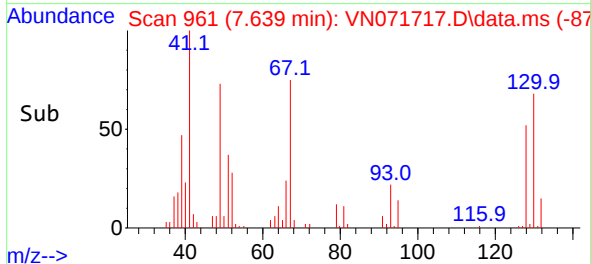


Tgt Ion: 41 Resp: 80780
Ion Ratio Lower Upper
41 100
39 47.5 28.0 83.9
67 75.2 37.7 113.1
52 27.2 17.1 51.2

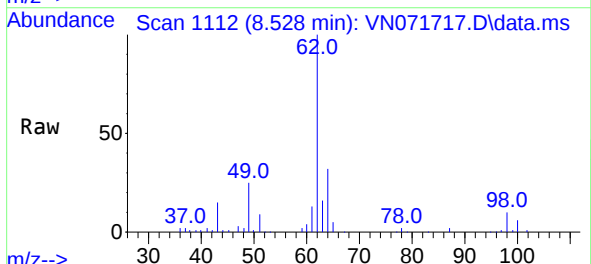
Manual Integrations

APPROVED

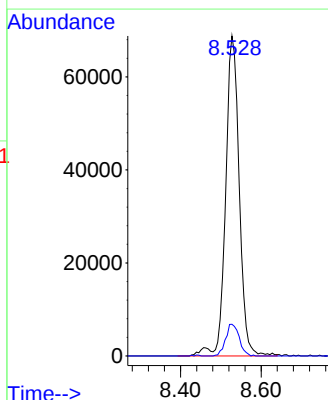
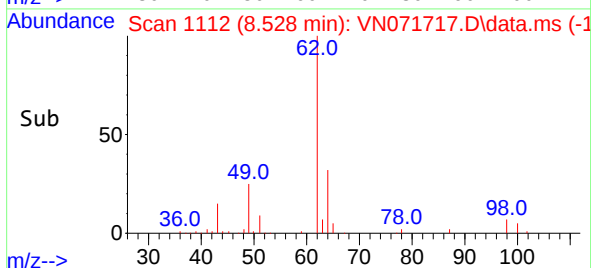
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

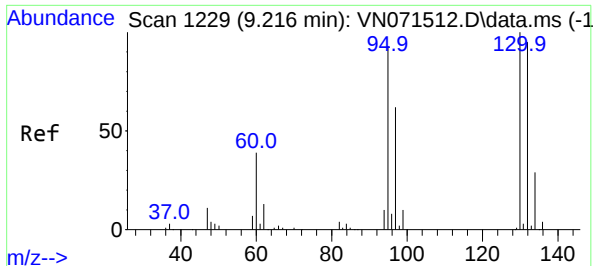


#36
1,2-Dichloroethane
Concen: 18.129 ug/l m
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



Tgt Ion: 62 Resp: 161406
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#37
Trichloroethene
Concen: 17.409 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

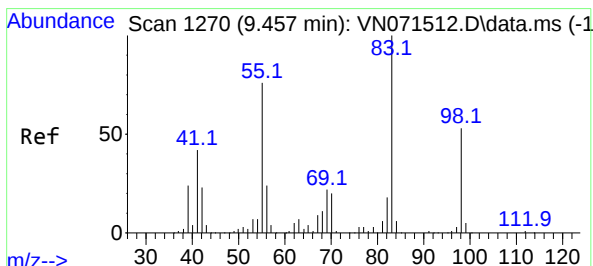
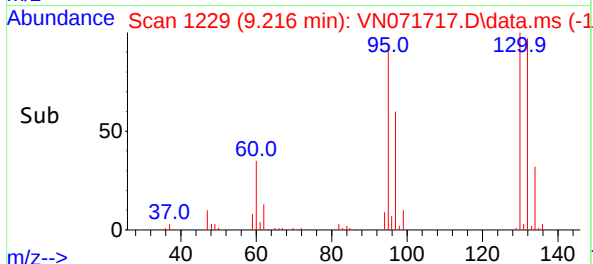
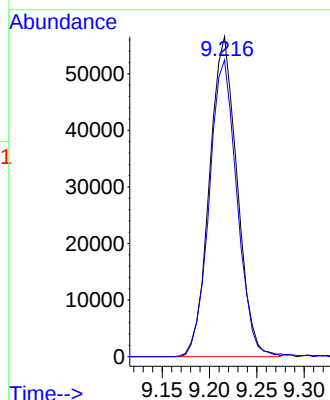
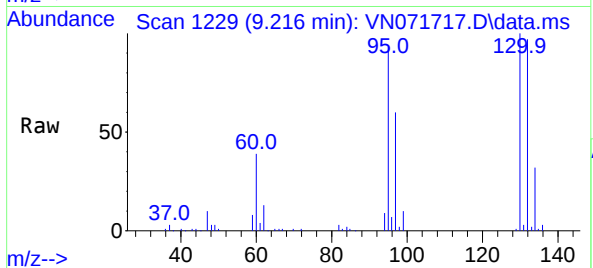
VSTDCCC020EC

Tgt Ion:130 Resp: 114639
Ion Ratio Lower Upper
130 100
95 92.4 76.6 115.0

Manual Integrations

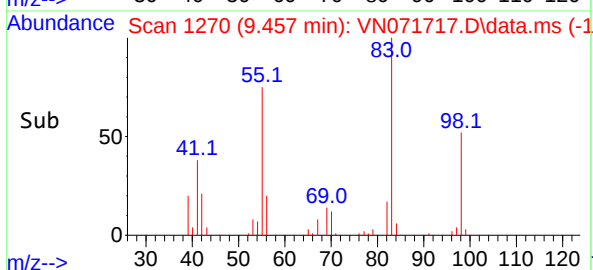
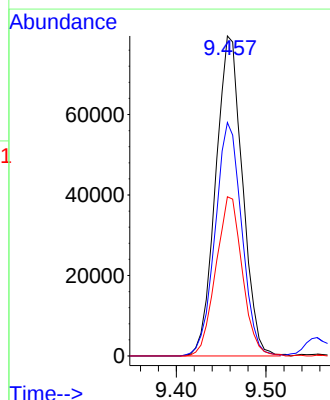
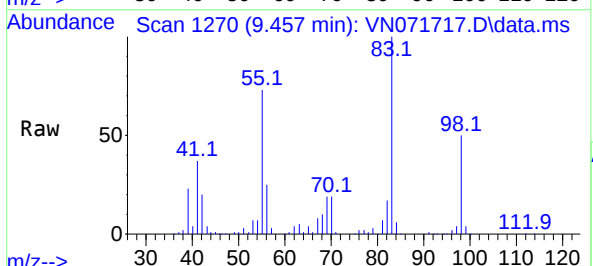
APPROVED

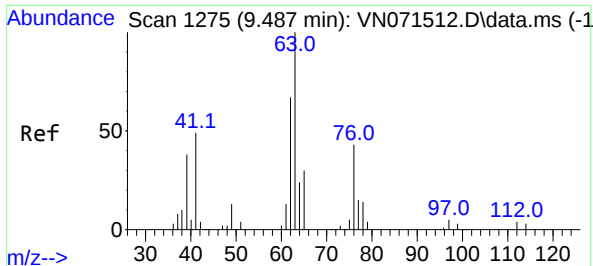
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Methylcyclohexane
Concen: 15.923 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion: 83 Resp: 164866
Ion Ratio Lower Upper
83 100
55 72.4 35.1 105.3
98 49.2 23.4 70.2





#39

1,2-Dichloropropane

Concen: 18.217 ug/l

RT: 9.486 min Scan# 11631

Delta R.T. -0.000 min

Lab File: VN071717.D

Acq: 31 Mar 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 11631

Ion Ratio Lower Upper

63 100

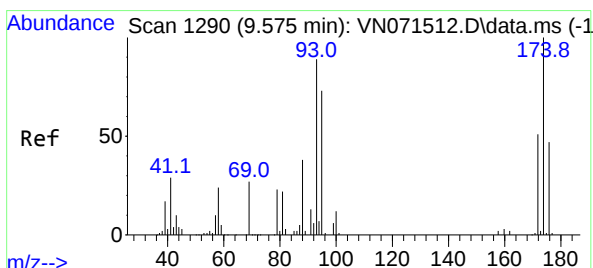
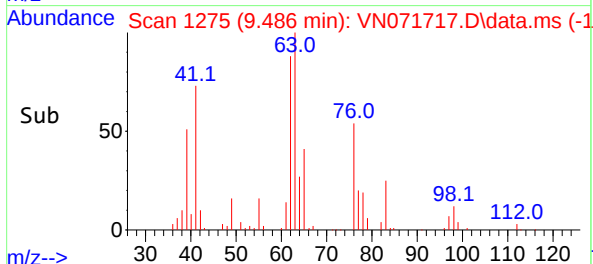
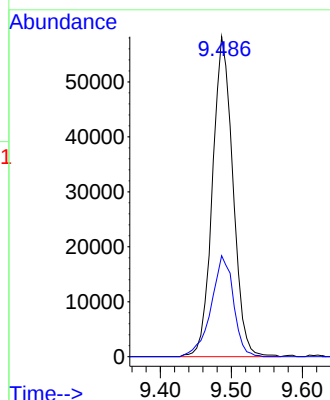
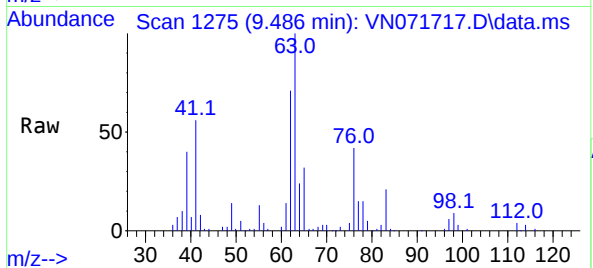
65 31.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#40

Dibromomethane

Concen: 18.145 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071717.D

Acq: 31 Mar 2022 20:26

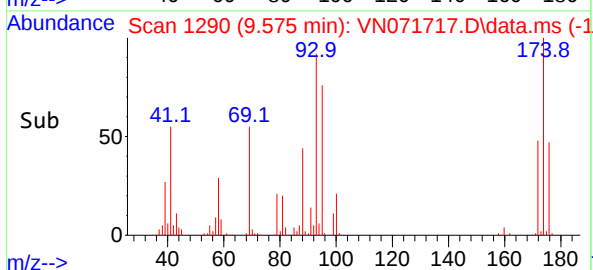
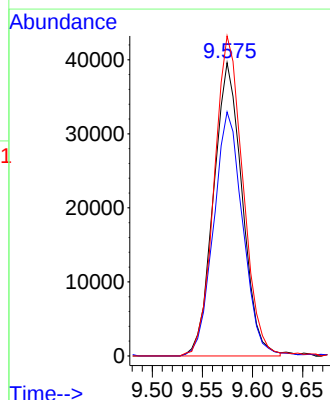
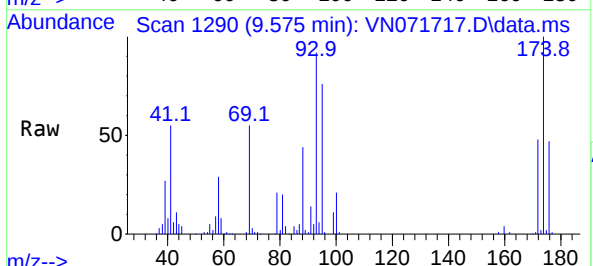
Tgt Ion: 93 Resp: 78421

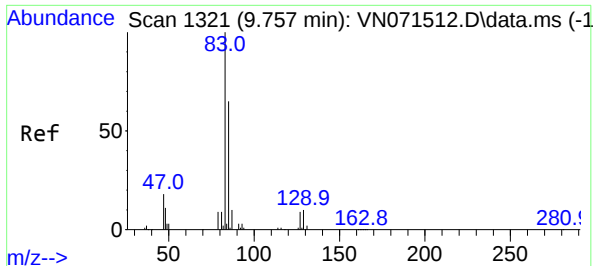
Ion Ratio Lower Upper

93 100

95 84.9 0.0 168.8

174 109.9 0.0 173.6





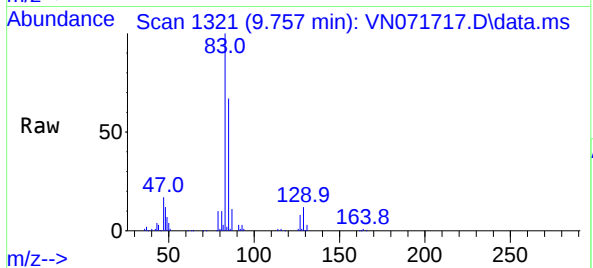
#41
Bromodichloromethane
Concen: 18.023 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



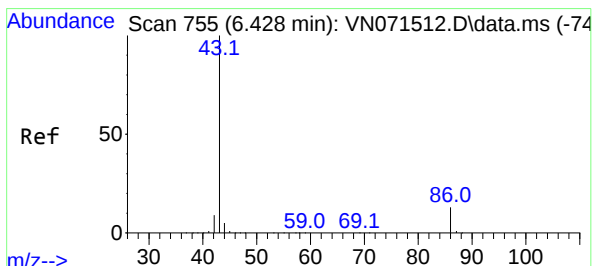
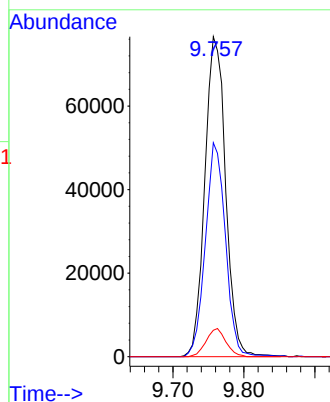
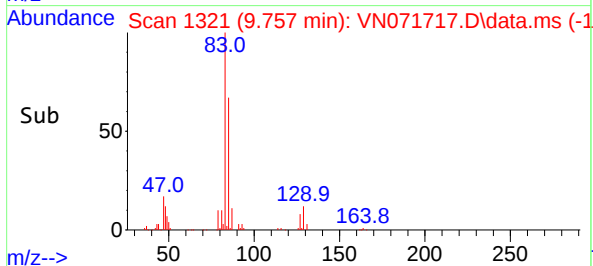
Tgt Ion: 83 Resp: 15587
Ion Ratio Lower Upper
83 100
85 66.8 54.1 81.1
127 8.2 7.6 11.4

Manual Integrations

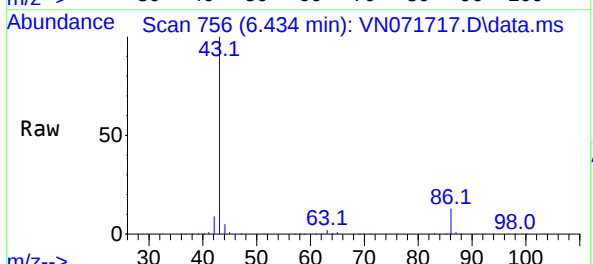
APPROVED

Reviewed By :John Carlone 04/01/2022

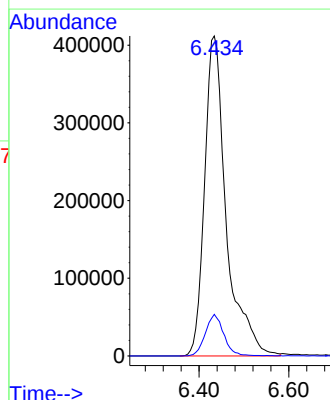
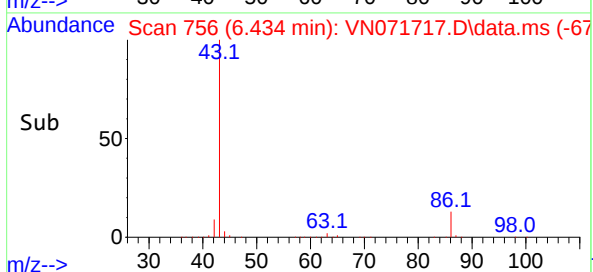
Supervised By :Mahesh Dadoda 04/01/2022

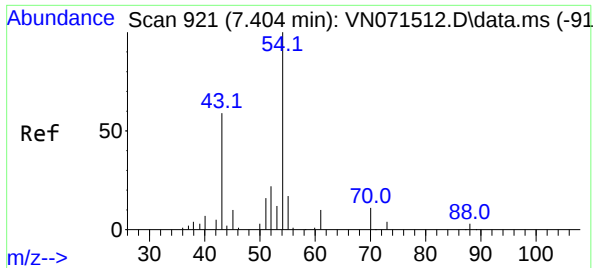


#42
Vinyl Acetate
Concen: 88.388 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



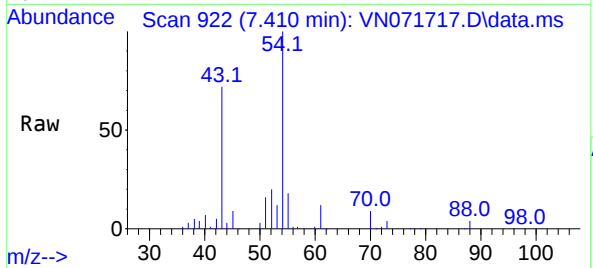
Tgt Ion: 43 Resp: 1384756
Ion Ratio Lower Upper
43 100
86 11.0 7.5 11.3





#43
Ethyl Acetate
Concen: 18.912 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

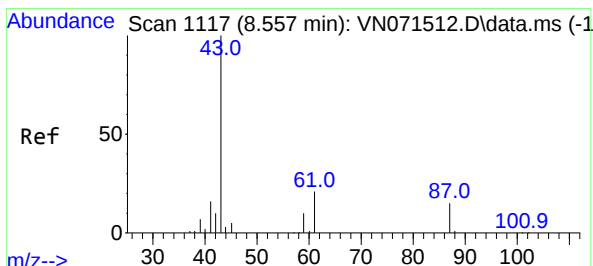
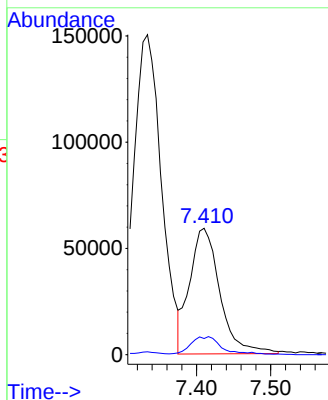
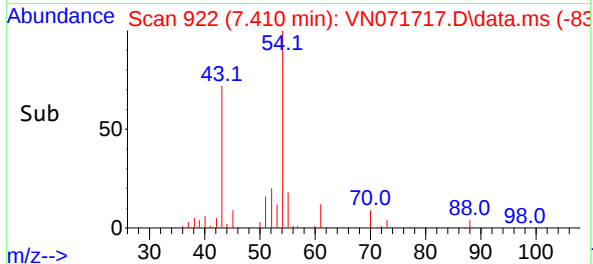
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



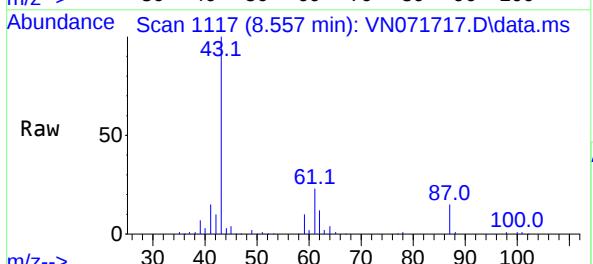
Tgt Ion: 43 Resp: 167678
Ion Ratio Lower Upper
43 100
45 13.7 10.6 16.0

Manual Integrations
APPROVED

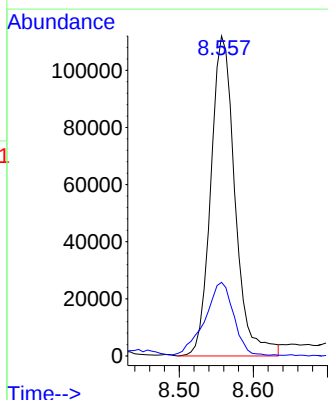
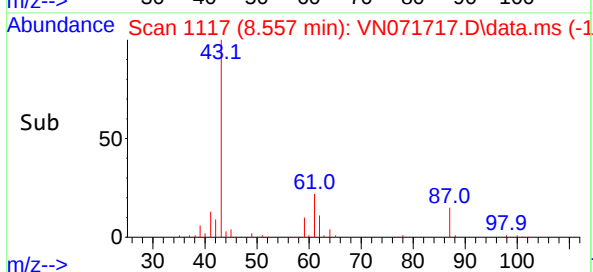
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

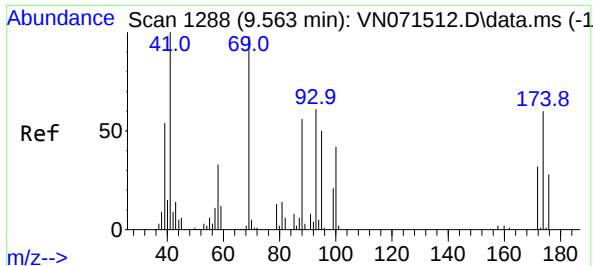


#44
Isopropyl Acetate
Concen: 17.929 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



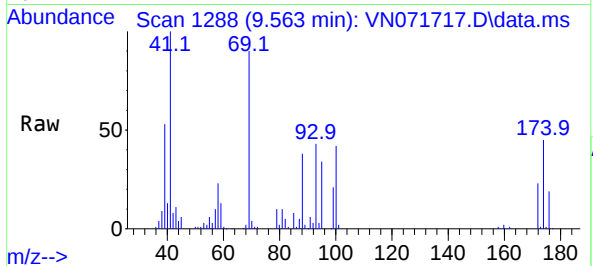
Tgt Ion: 43 Resp: 254952
Ion Ratio Lower Upper
43 100
61 27.7 20.1 30.1





#45
1,4-Dioxane
Concen: 331.895 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

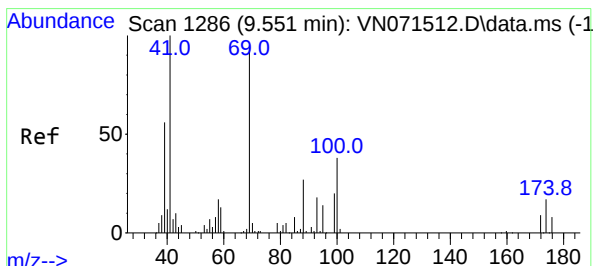
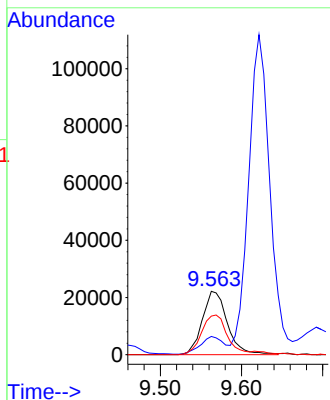
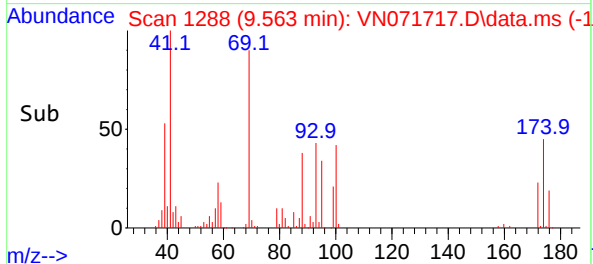
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



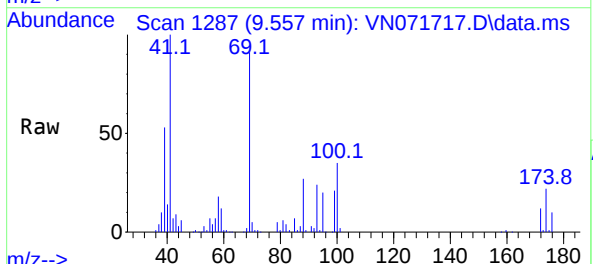
Tgt Ion: 88 Resp: 47618
Ion Ratio Lower Upper
88 100
43 26.7 25.0 37.6
58 63.3 49.4 74.2

Manual Integrations
APPROVED

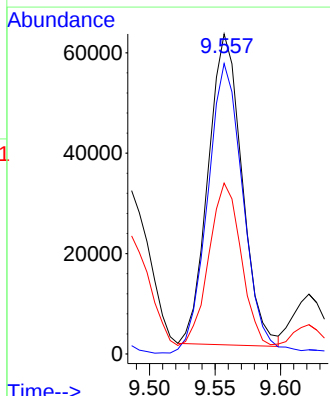
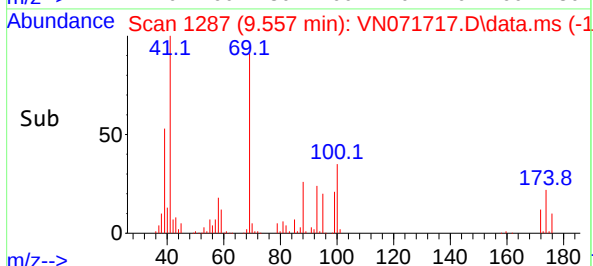
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

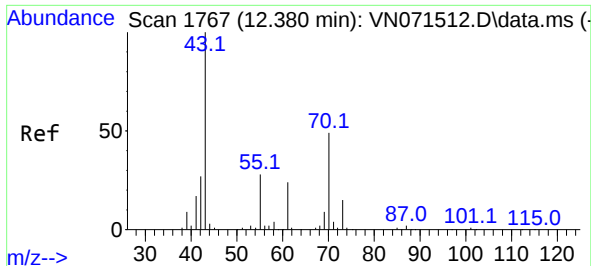


#46
Methyl methacrylate
Concen: 17.831 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



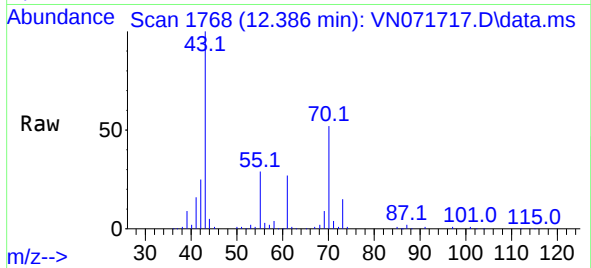
Tgt Ion: 41 Resp: 111191
Ion Ratio Lower Upper
41 100
69 92.3 44.4 133.2
39 52.5 39.9 119.6





#47
n-amy1 Acetate
Concen: 15.037 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

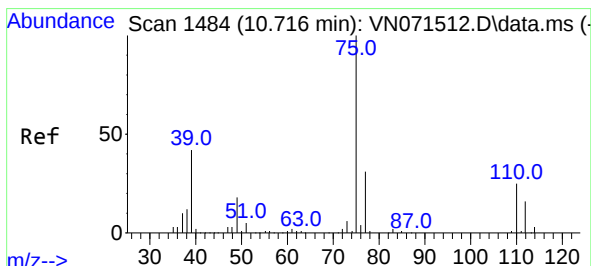
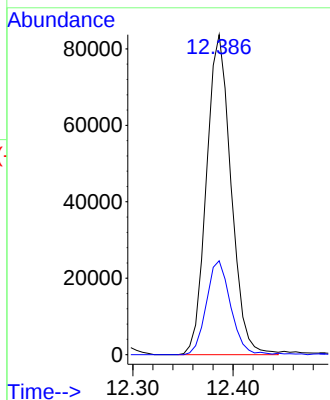
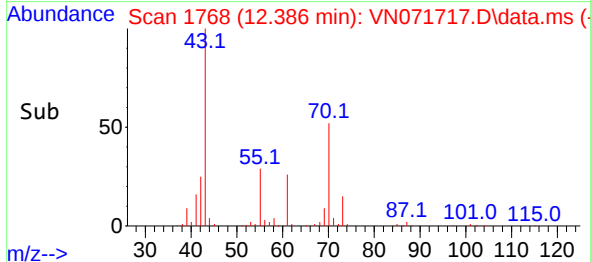
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



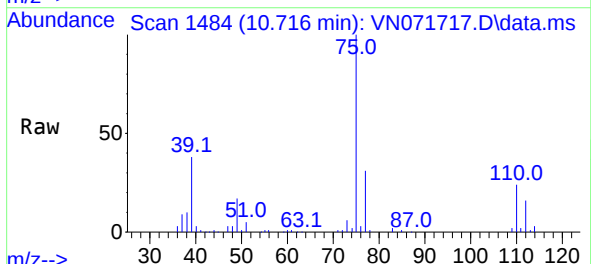
Tgt Ion: 43 Resp: 142693
Ion Ratio Lower Upper
43 100
55 28.6 19.0 28.6

Manual Integrations
APPROVED

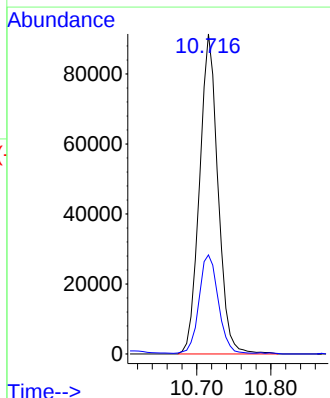
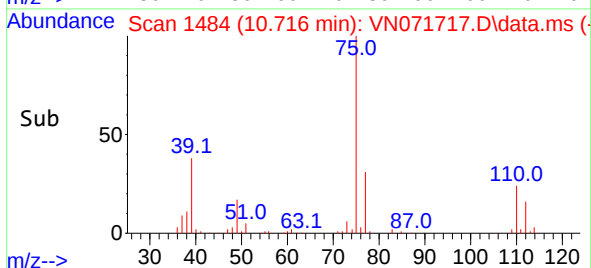
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

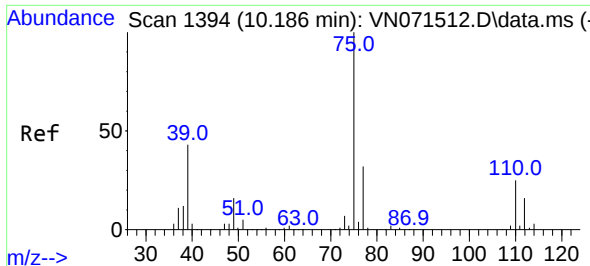


#48
t-1,3-Dichloropropene
Concen: 16.837 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



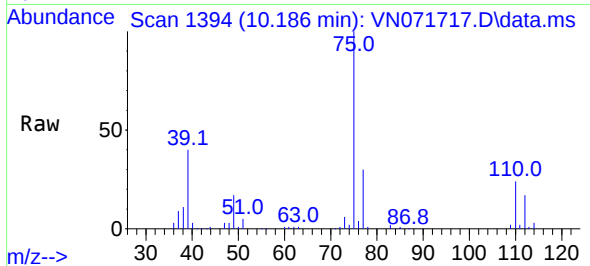
Tgt Ion: 75 Resp: 158274
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 17.274 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

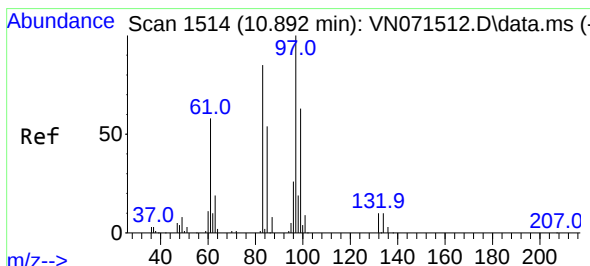
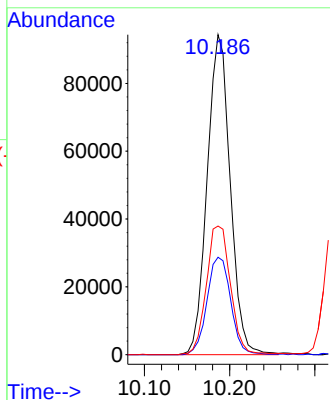
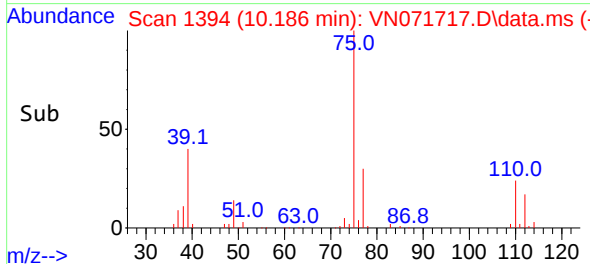
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 177570
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 40.2 46.2 69.4

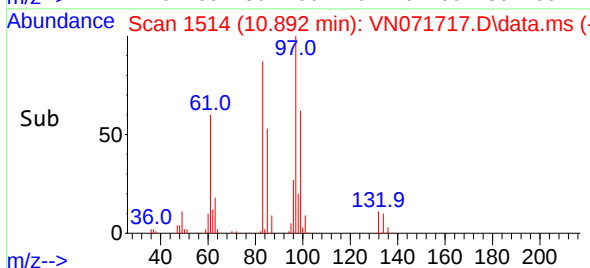
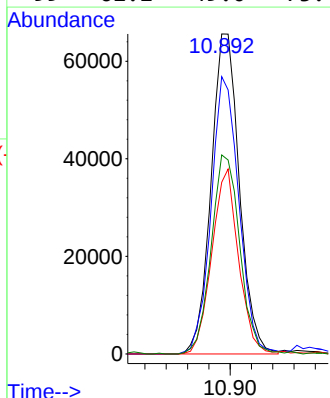
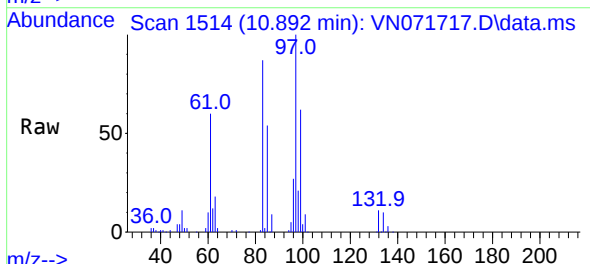
Manual Integrations
APPROVED

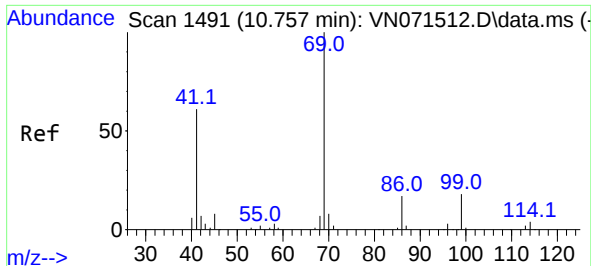
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#50
1,1,2-Trichloroethane
Concen: 18.719 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

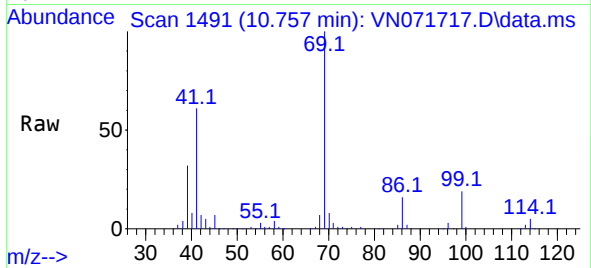
Tgt Ion: 97 Resp: 120940
Ion Ratio Lower Upper
97 100
83 86.7 67.2 100.8
85 53.7 43.0 64.4
99 62.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 17.769 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

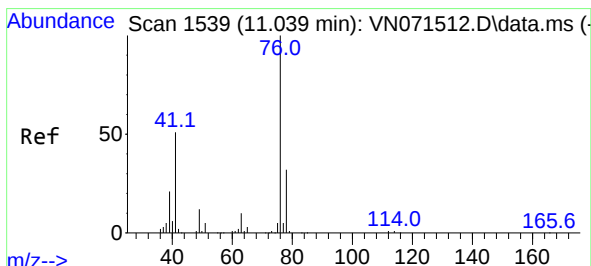
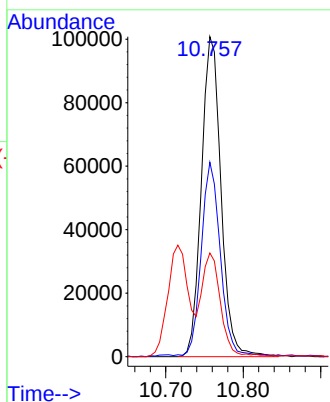
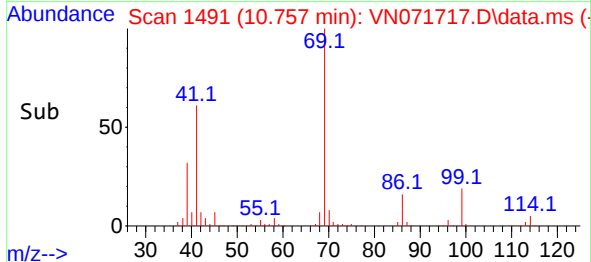
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



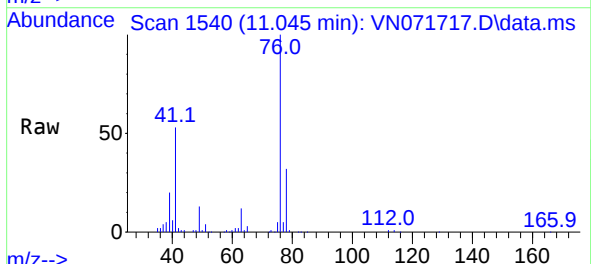
Tgt Ion: 69 Resp: 177259
Ion Ratio Lower Upper
69 100
41 60.1 33.0 98.9
39 32.1 25.4 76.4

Manual Integrations
APPROVED

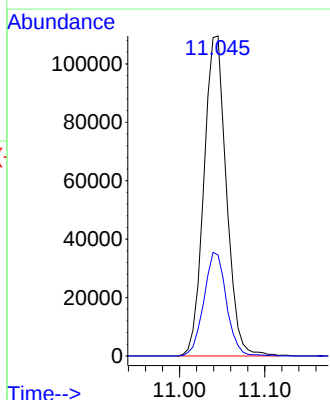
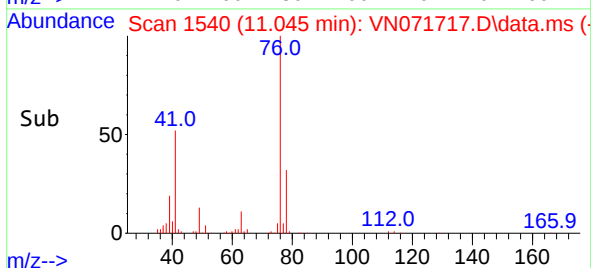
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

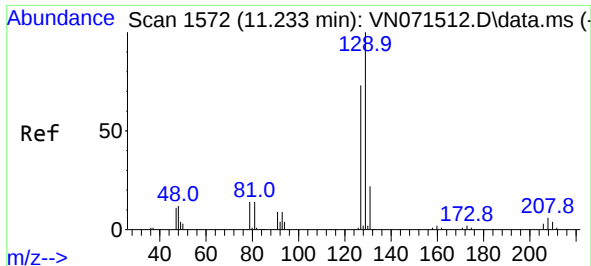


#52
1,3-Dichloropropane
Concen: 18.242 ug/l
RT: 11.045 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



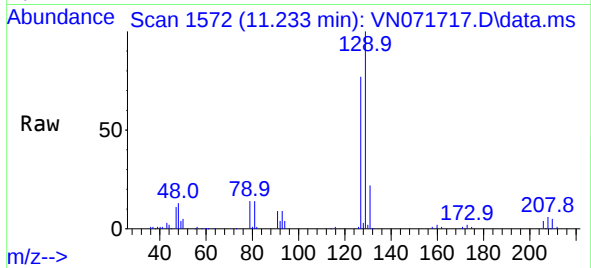
Tgt Ion: 76 Resp: 201274
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 18.450 ug/l
RT: 11.233 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

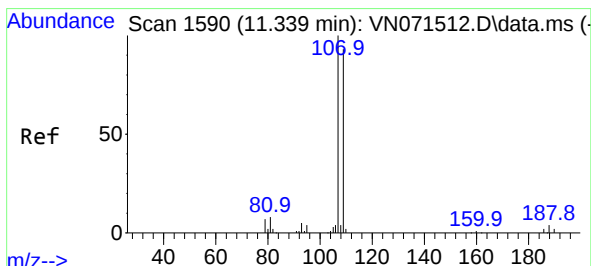
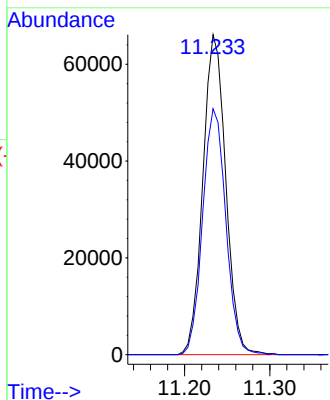
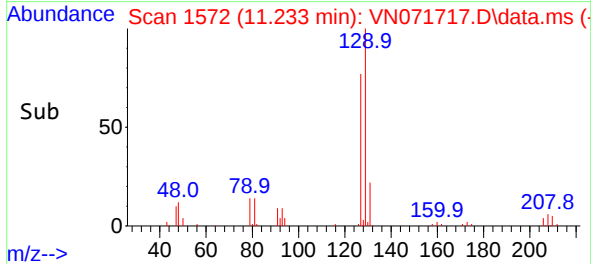
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



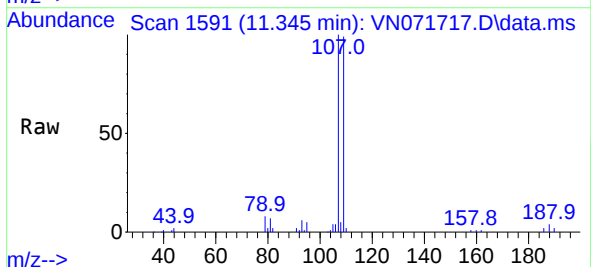
Tgt Ion:129 Resp: 123397
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

Manual Integrations
APPROVED

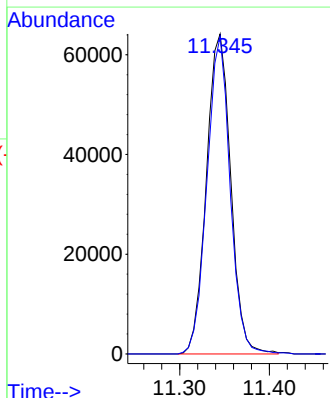
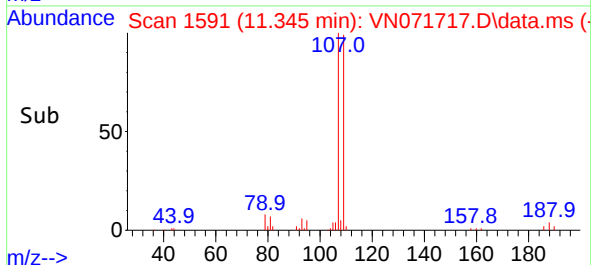
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

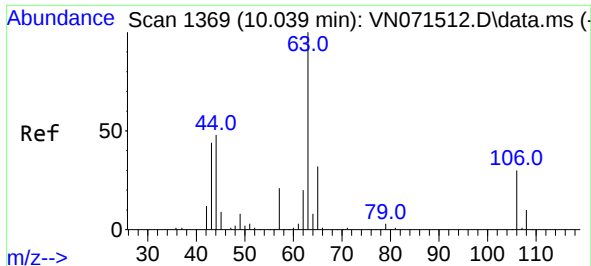


#54
1,2-Dibromoethane
Concen: 18.159 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



Tgt Ion:107 Resp: 120686
Ion Ratio Lower Upper
107 100
109 94.5 72.8 109.2





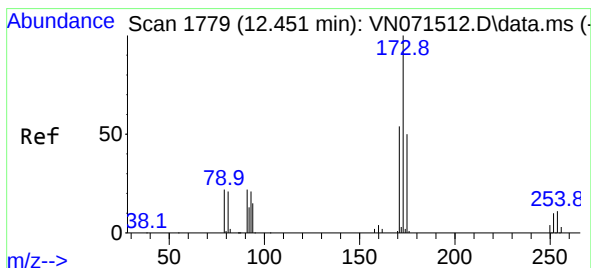
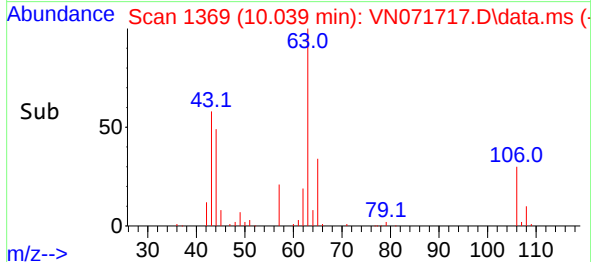
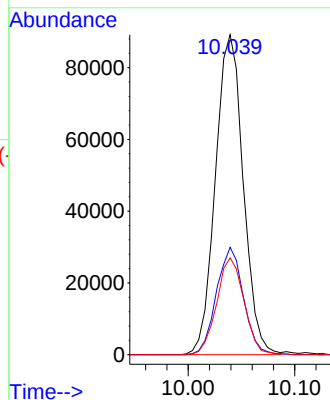
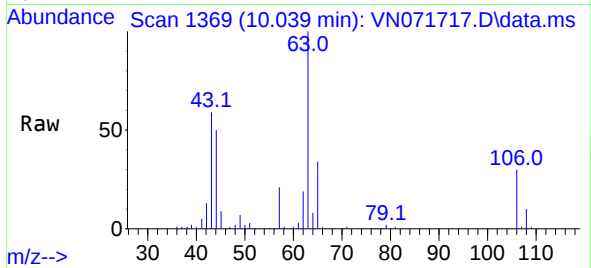
#55
2-Chloroethyl vinyl ether
Concen: 60.195 ug/l
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 161792
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.0
106 29.6 23.2 34.8

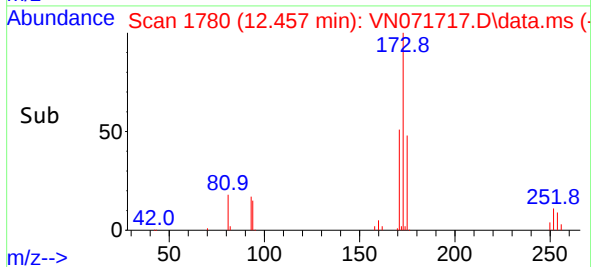
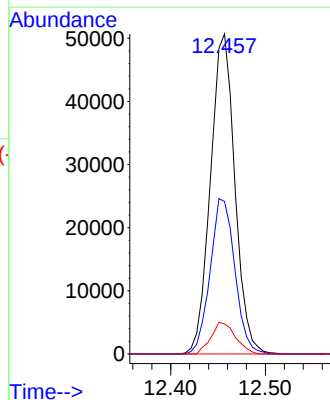
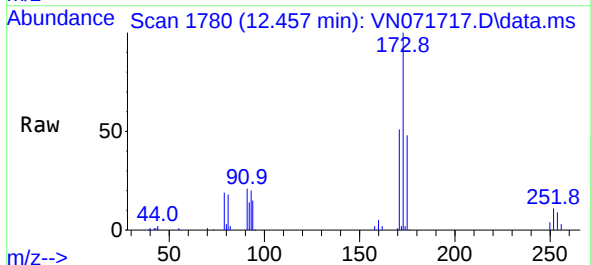
Manual Integrations
APPROVED

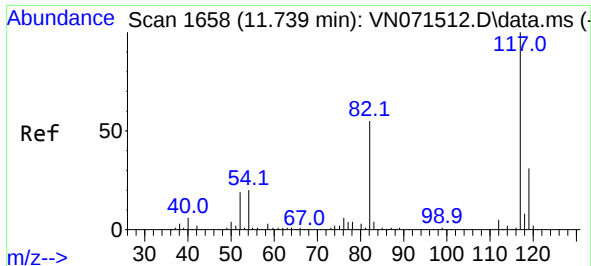
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#56
Bromoform
Concen: 17.607 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion:173 Resp: 90794
Ion Ratio Lower Upper
173 100
175 49.1 38.6 58.0
254 9.8 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

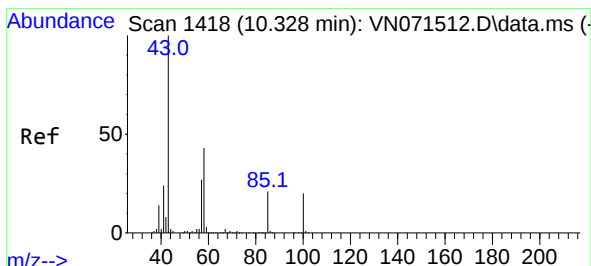
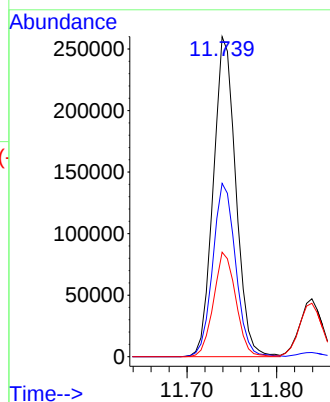
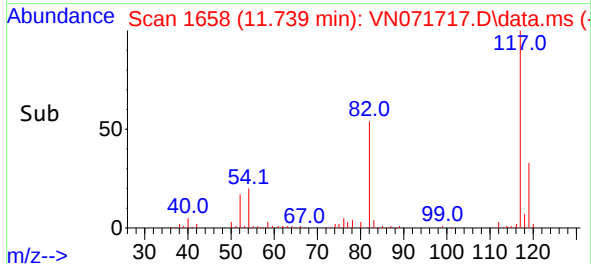
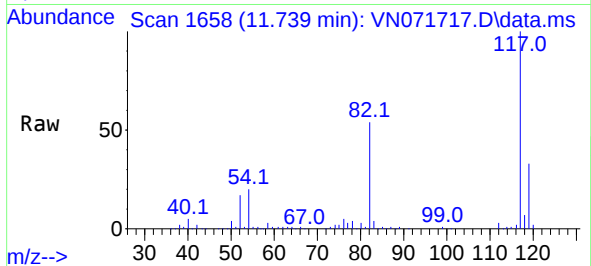
VSTDCCC020EC

Tgt Ion:117 Resp: 452618
Ion Ratio Lower Upper
117 100
82 55.0 43.6 65.4
119 32.3 25.8 38.6

Manual Integrations

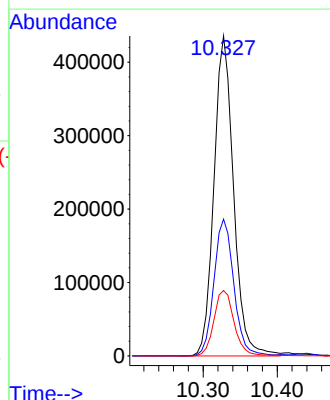
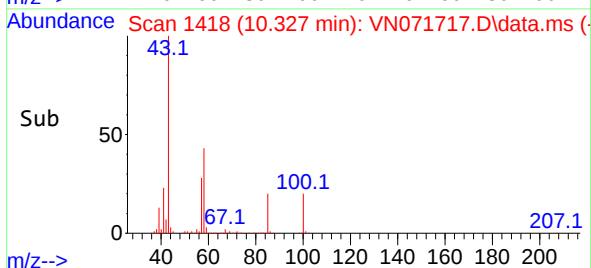
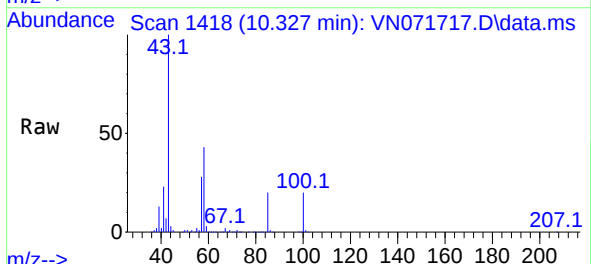
APPROVED

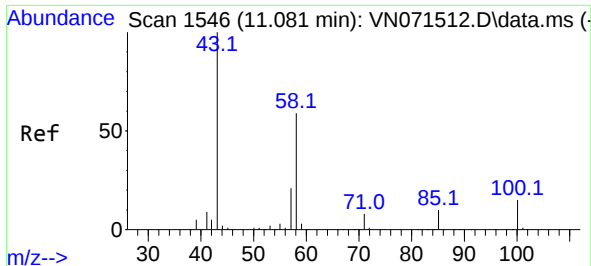
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#58
4-Methyl-2-Pentanone
Concen: 93.261 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

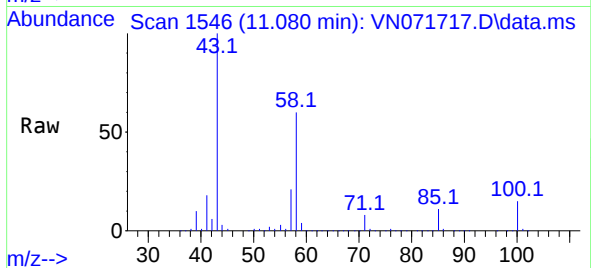
Tgt Ion: 43 Resp: 801304
Ion Ratio Lower Upper
43 100
58 43.3 30.0 45.0
85 20.9 15.0 22.6





#59
2-Hexanone
Concen: 88.670 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

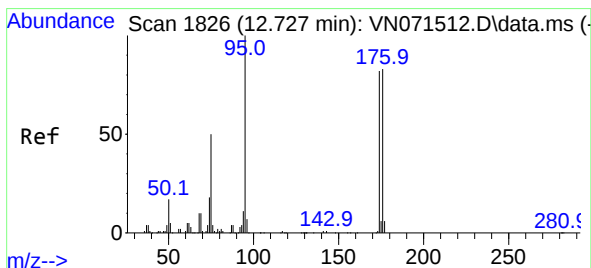
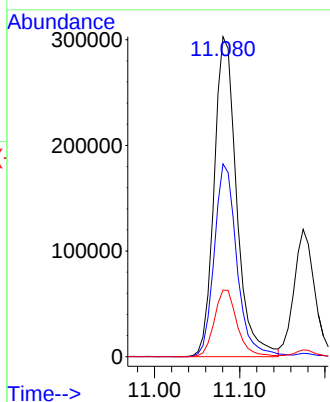
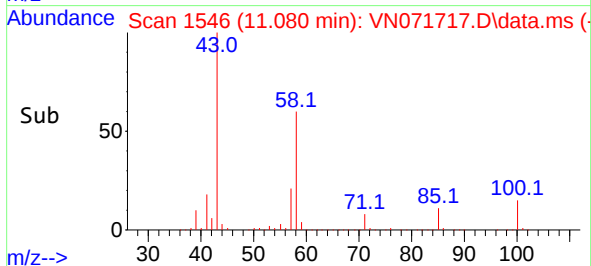
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



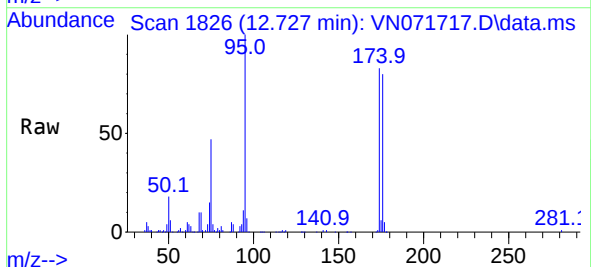
Tgt Ion: 43 Resp: 55623
Ion Ratio Lower Upper
43 100
58 60.6 42.2 63.2
57 21.2 15.0 22.4

Manual Integrations
APPROVED

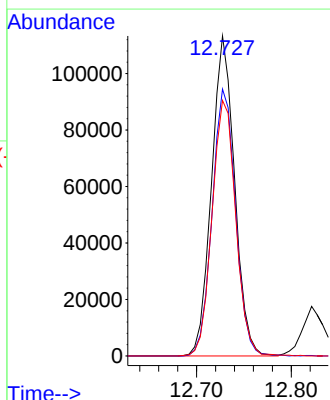
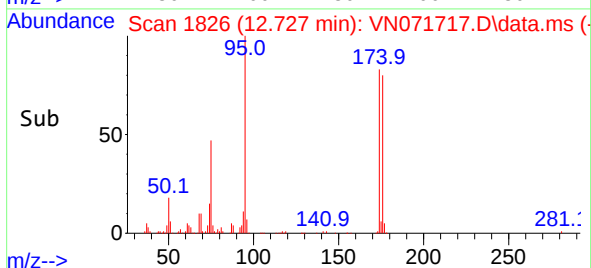
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

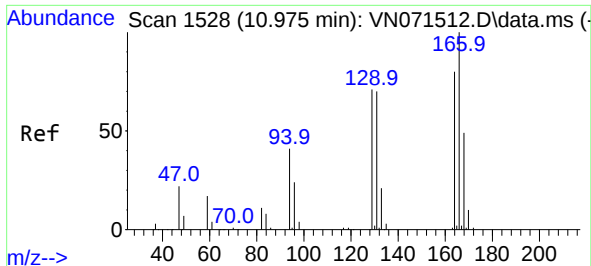


#60
4-Bromofluorobenzene
Concen: 28.476 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



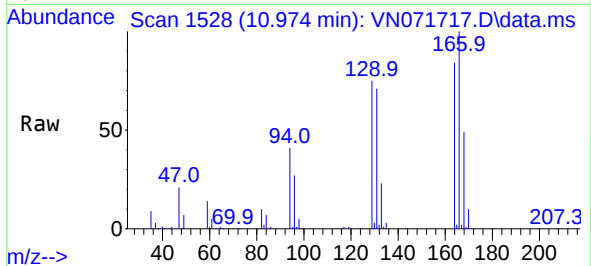
Tgt Ion: 95 Resp: 191108
Ion Ratio Lower Upper
95 100
174 84.6 62.9 94.3
176 82.0 61.0 91.4





#61
Tetrachloroethene
Concen: 18.261 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

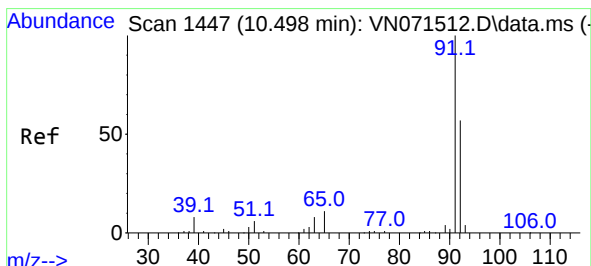
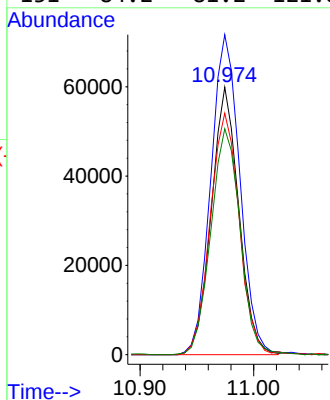
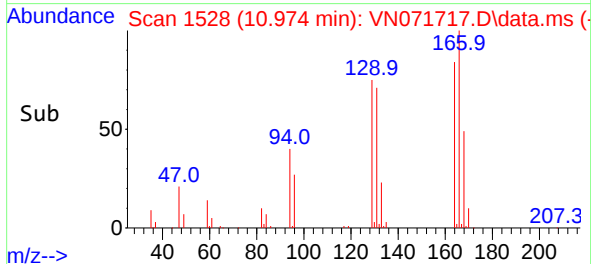
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



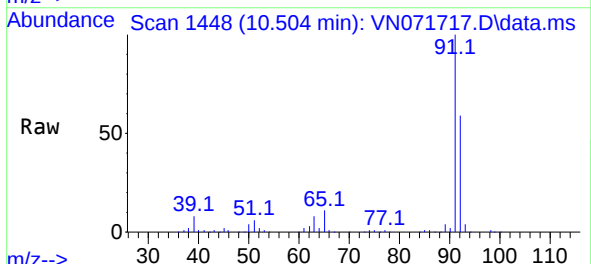
Tgt Ion:164 Resp: 100594
Ion Ratio Lower Upper
164 100
166 119.6 105.8 158.8
129 90.2 82.5 123.7
131 84.2 81.2 121.8

Manual Integrations
APPROVED

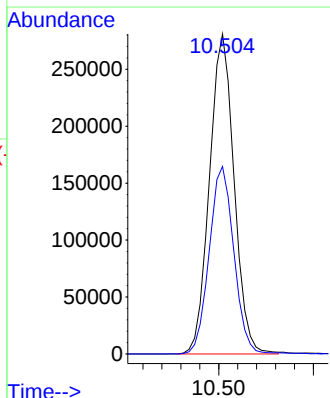
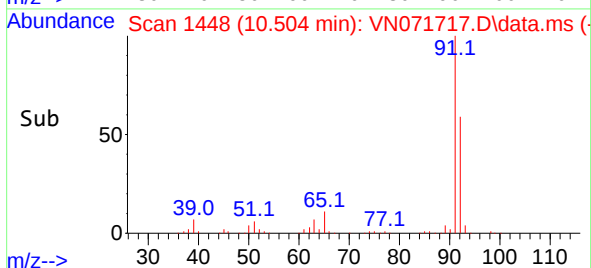
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

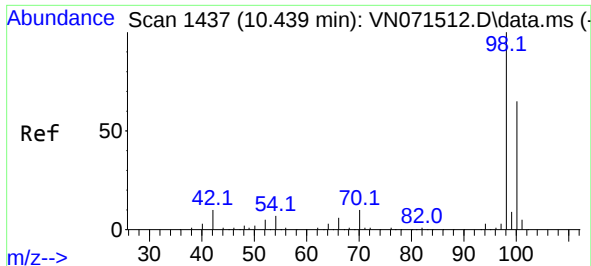


#62
Toluene
Concen: 18.461 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



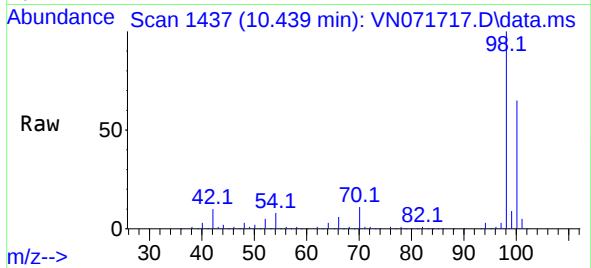
Tgt Ion: 91 Resp: 506651
Ion Ratio Lower Upper
91 100
92 58.4 44.6 67.0





#63
Toluene-d8
Concen: 30.703 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

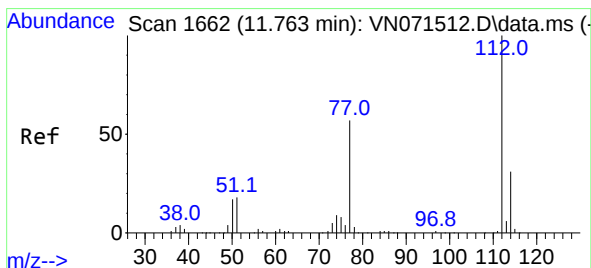
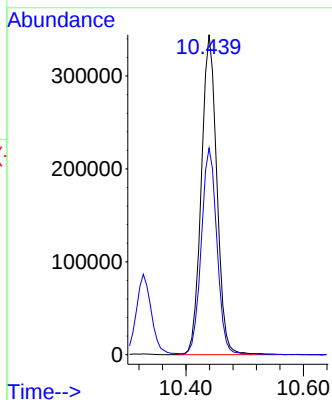
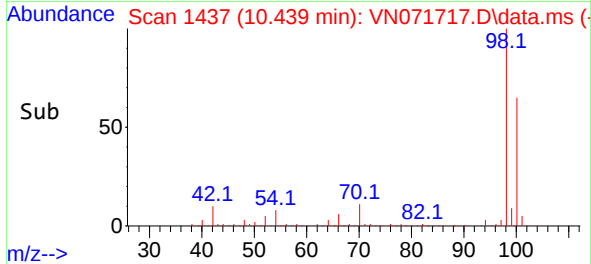
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 630838
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

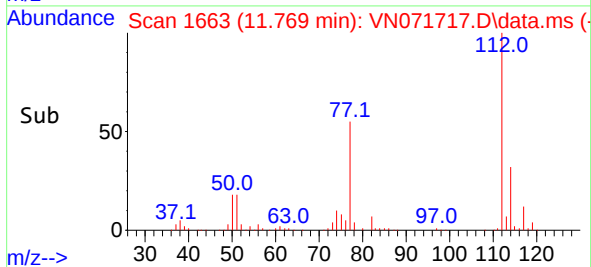
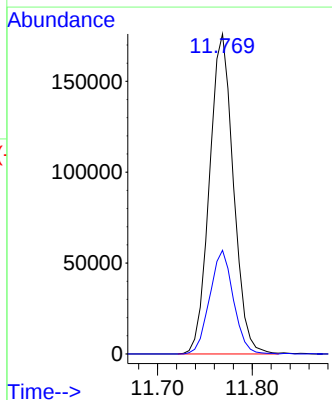
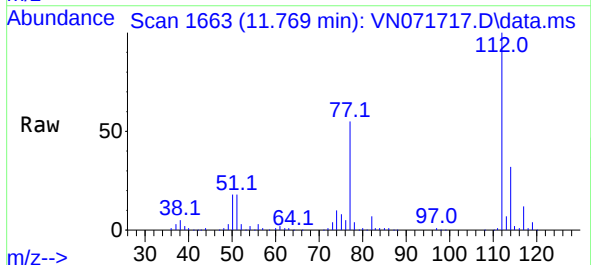
Manual Integrations
APPROVED

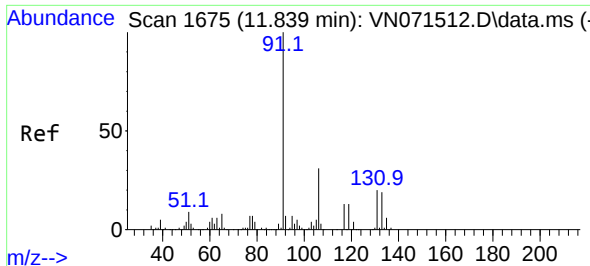
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#64
Chlorobenzene
Concen: 18.288 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion:112 Resp: 309601
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





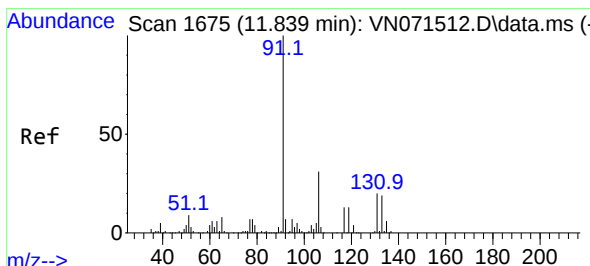
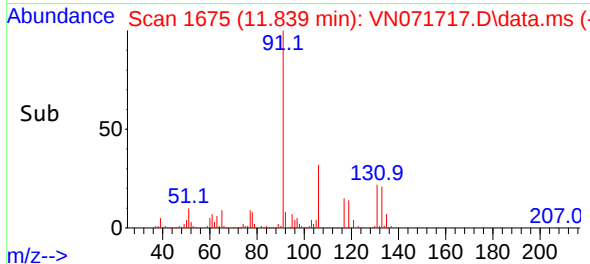
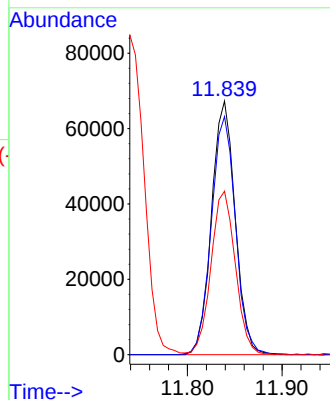
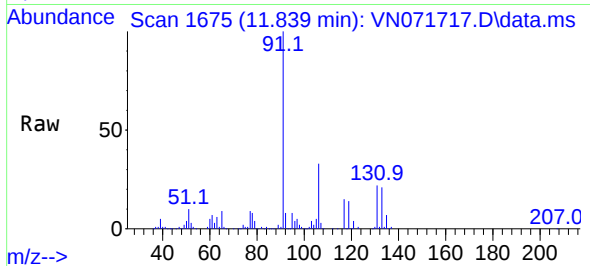
#65
1,1,1,2-Tetrachloroethane
Concen: 18.810 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 11681
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.2
119 66.6 0.0 128.8

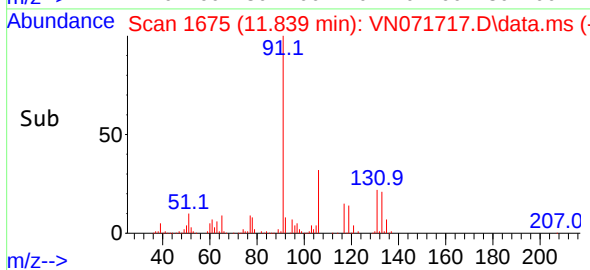
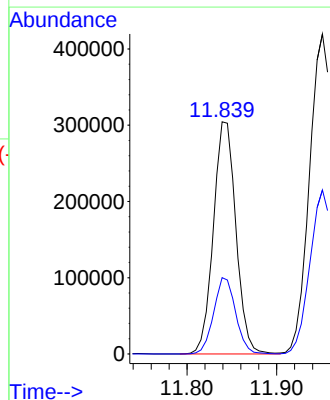
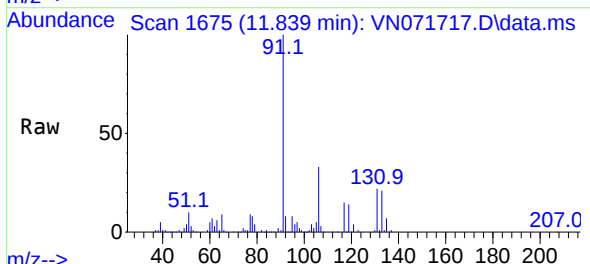
Manual Integrations
APPROVED

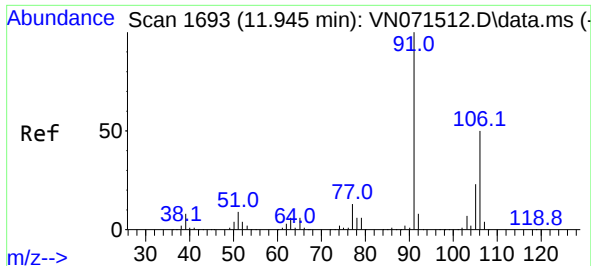
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#66
Ethyl Benzene
Concen: 17.831 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

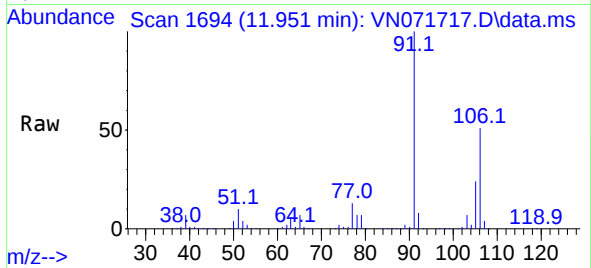
Tgt Ion: 91 Resp: 531801
Ion Ratio Lower Upper
91 100
106 32.9 24.0 36.0





#67
m/p-Xylenes
Concen: 35.572 ug/l
RT: 11.951 min Scan# 1693
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

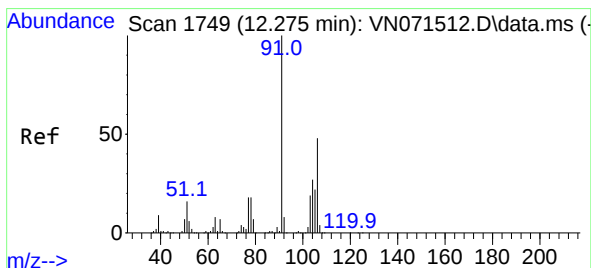
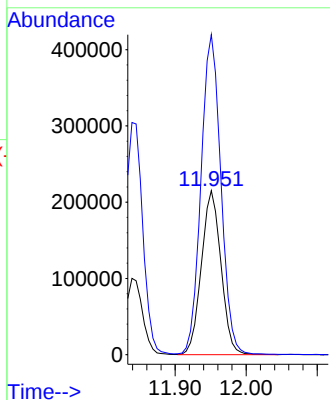
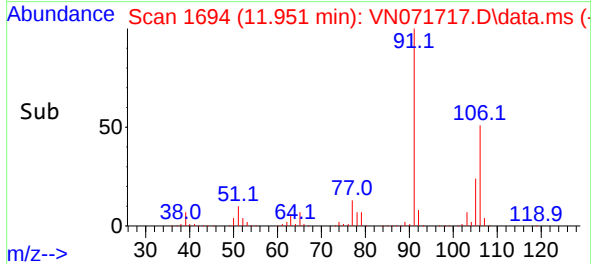
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



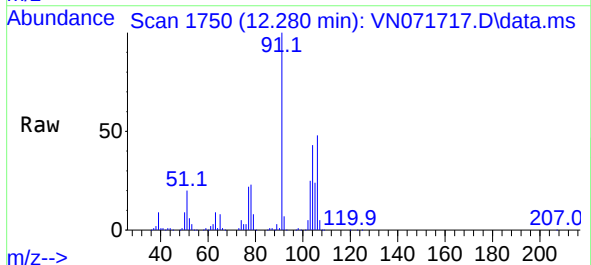
Tgt Ion:106 Resp: 412729
Ion Ratio Lower Upper
106 100
91 196.5 162.9 244.3

Manual Integrations
APPROVED

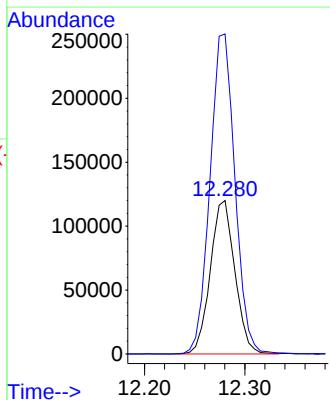
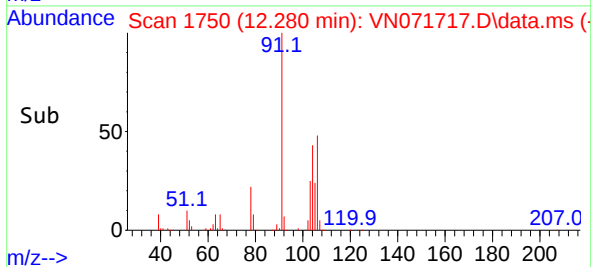
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

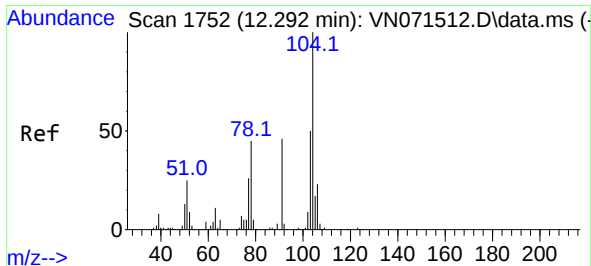


#68
o-Xylene
Concen: 17.705 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



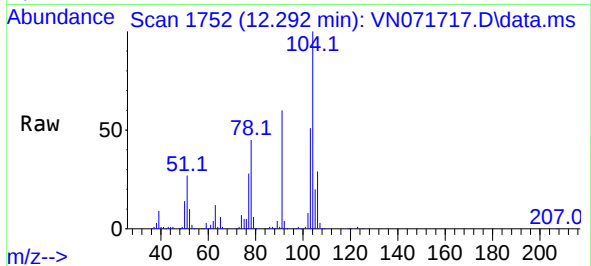
Tgt Ion:106 Resp: 204175
Ion Ratio Lower Upper
106 100
91 212.3 107.7 323.1





#69
Styrene
Concen: 17.122 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

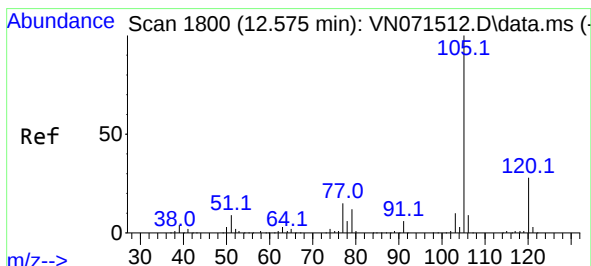
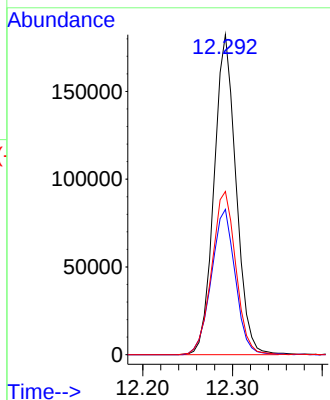
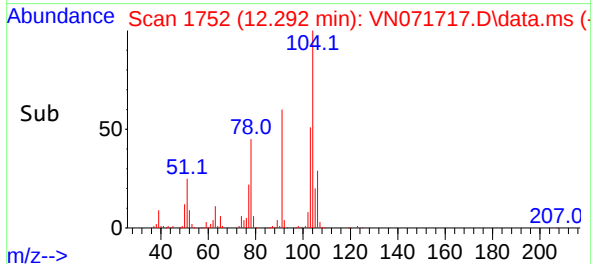
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



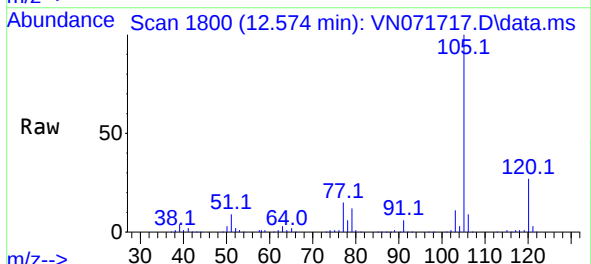
Tgt Ion:104 Resp: 310768
Ion Ratio Lower Upper
104 100
78 49.2 40.7 61.1
103 55.7 45.8 68.8

Manual Integrations
APPROVED

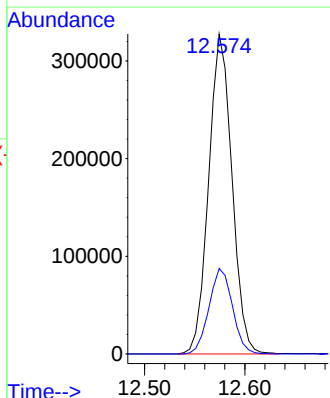
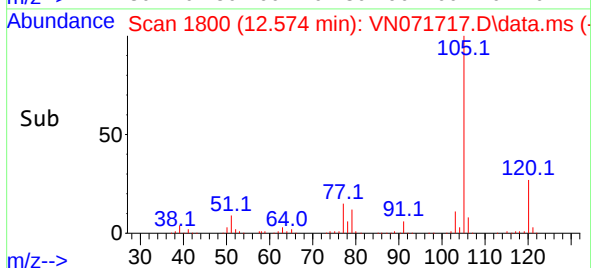
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

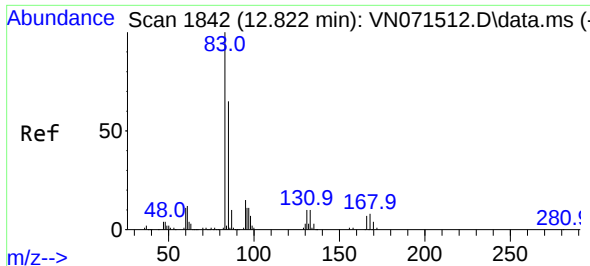


#70
Isopropylbenzene
Concen: 18.218 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



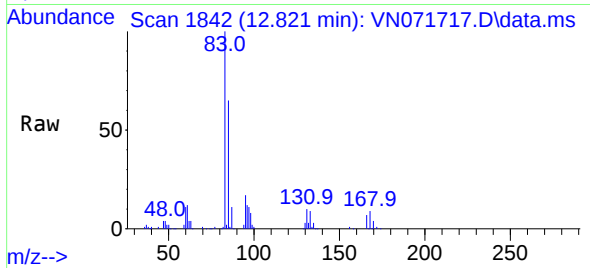
Tgt Ion:105 Resp: 527317
Ion Ratio Lower Upper
105 100
120 26.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.182 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

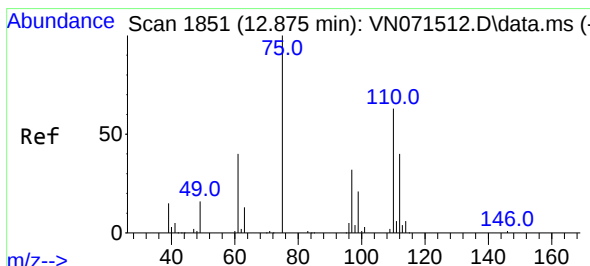
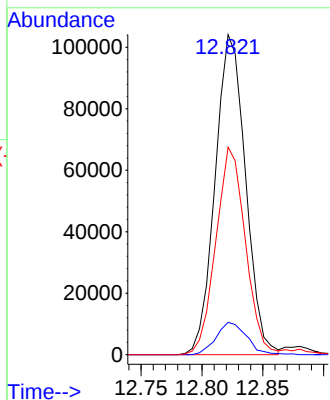
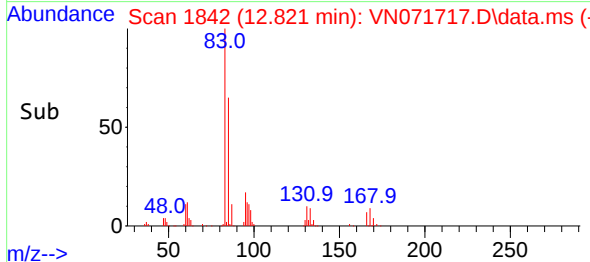
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



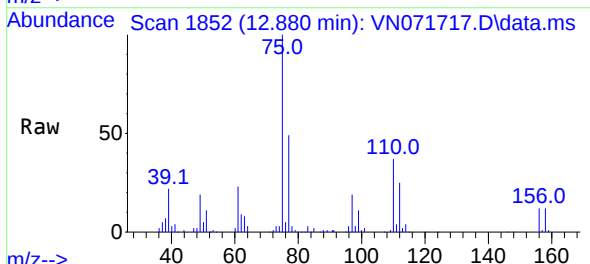
Tgt Ion: 83 Resp: 18070
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.0 33.1 99.2

Manual Integrations
APPROVED

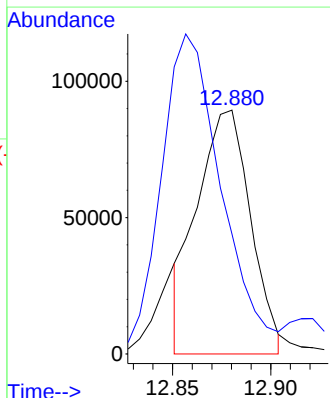
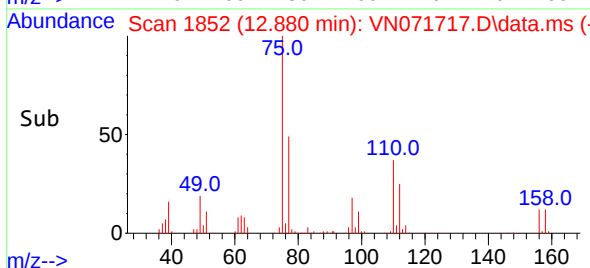
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

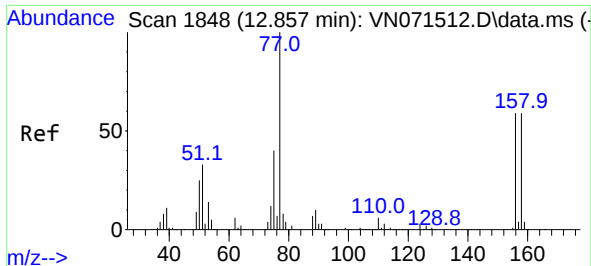


#72
1,2,3-Trichloropropane
Concen: 20.974 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



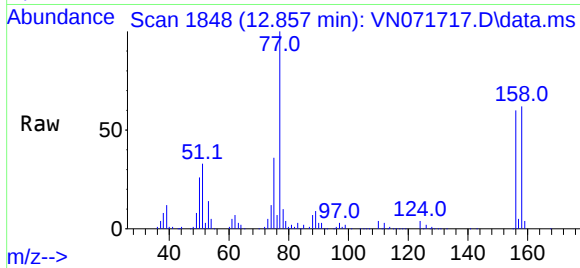
Tgt Ion: 75 Resp: 169745
Ion Ratio Lower Upper
75 100
77 147.5 0.0 378.0





#73
Bromobenzene
Concen: 17.311 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

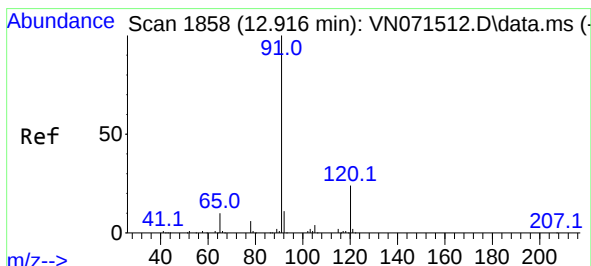
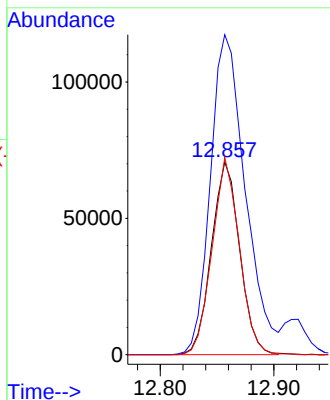
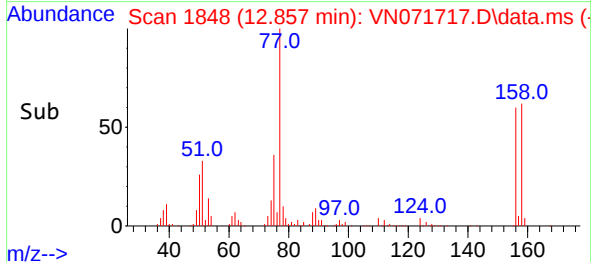
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



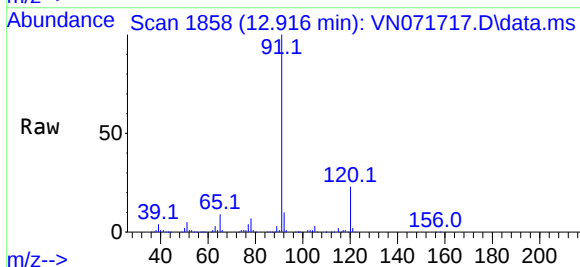
Tgt Ion:156 Resp: 122230
Ion Ratio Lower Upper
156 100
77 204.8 0.0 416.0
158 98.5 0.0 195.4

Manual Integrations
APPROVED

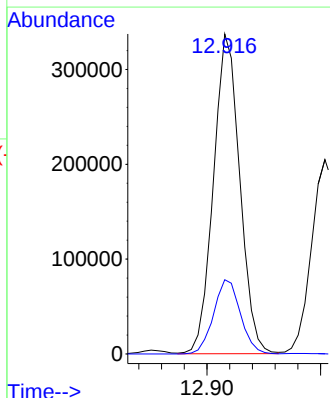
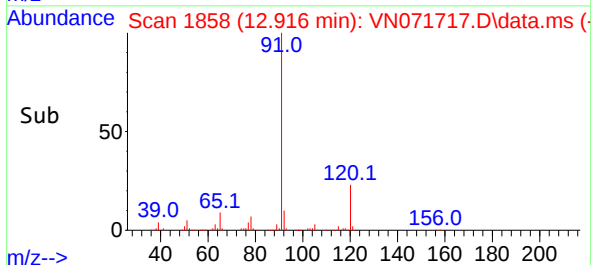
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

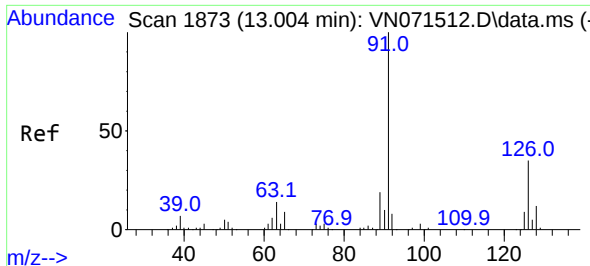


#74
n-propylbenzene
Concen: 17.218 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



Tgt Ion: 91 Resp: 543934
Ion Ratio Lower Upper
91 100
120 23.6 0.0 45.0





#75
2-Chlorotoluene
Concen: 17.684 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

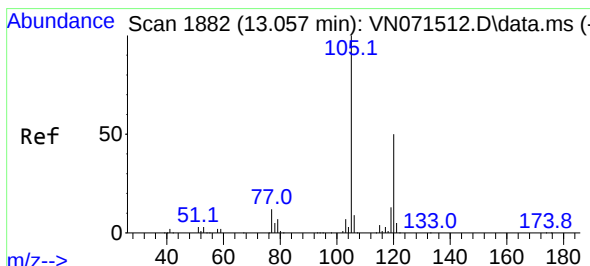
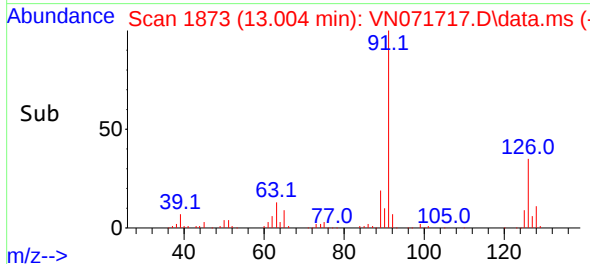
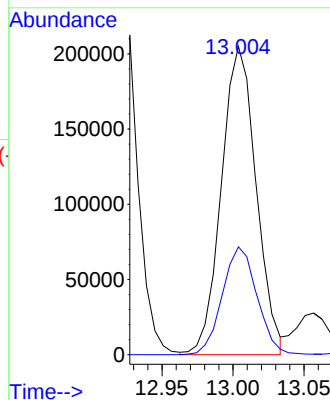
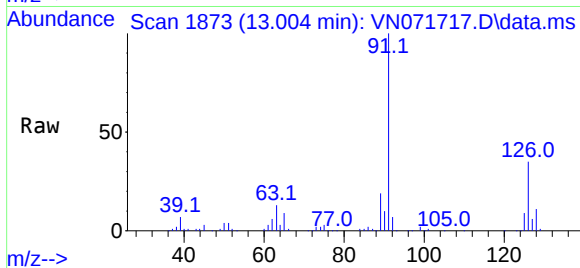
VSTDCCC020EC

Tgt Ion: 91 Resp: 34911
Ion Ratio Lower Upper
91 100
126 34.9 0.0 69.8

Manual Integrations

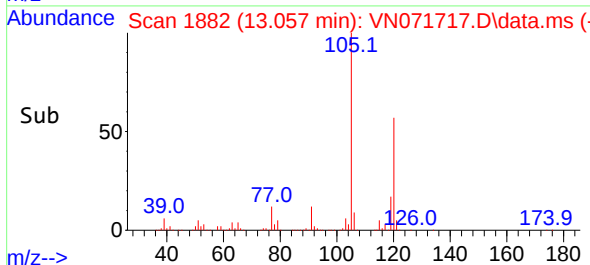
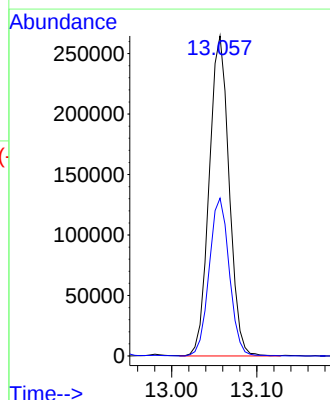
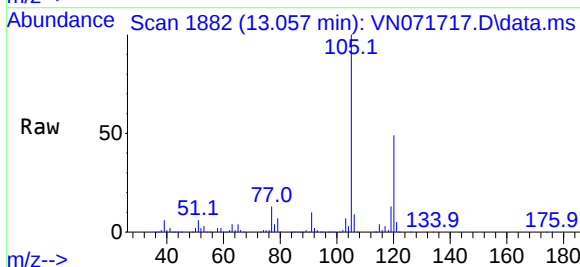
APPROVED

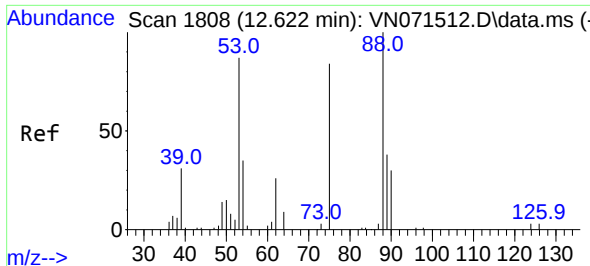
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.550 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

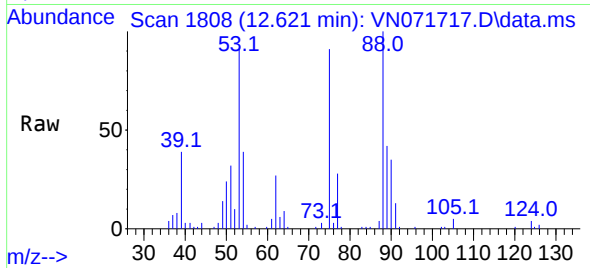
Tgt Ion:105 Resp: 430760
Ion Ratio Lower Upper
105 100
120 49.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 15.149 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

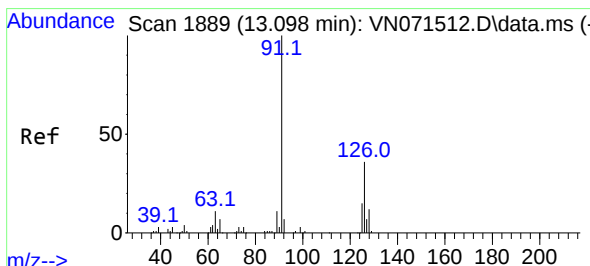
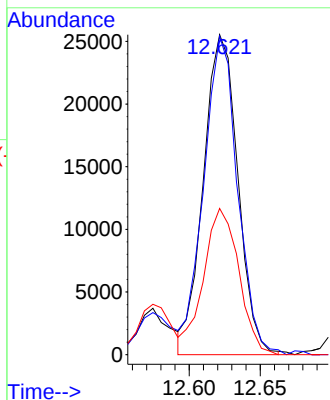
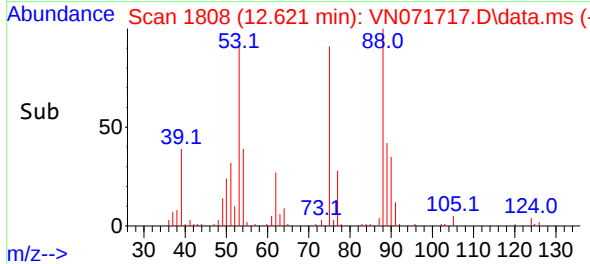
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 43049
Ion Ratio Lower Upper
75 100
53 99.0 51.8 155.5
89 46.2 22.9 68.7

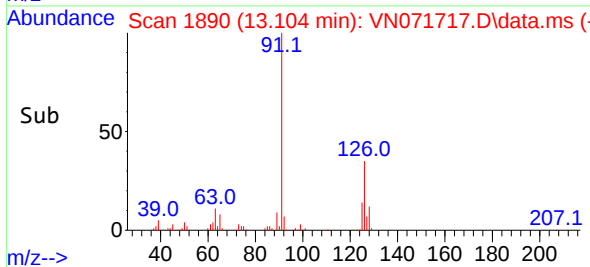
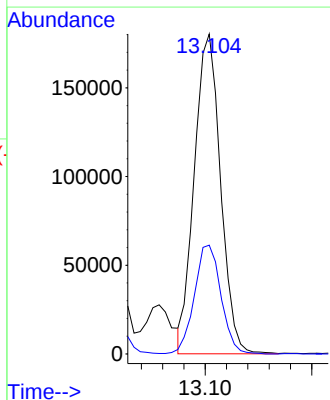
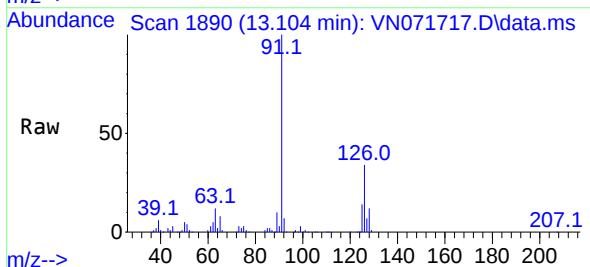
Manual Integrations
APPROVED

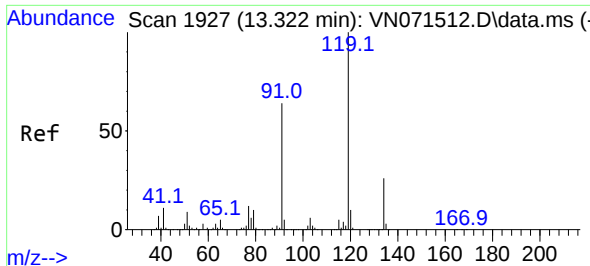
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
4-Chlorotoluene
Concen: 16.729 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion: 91 Resp: 308447
Ion Ratio Lower Upper
91 100
126 34.5 0.0 70.6





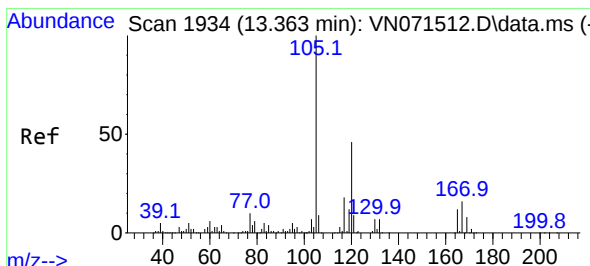
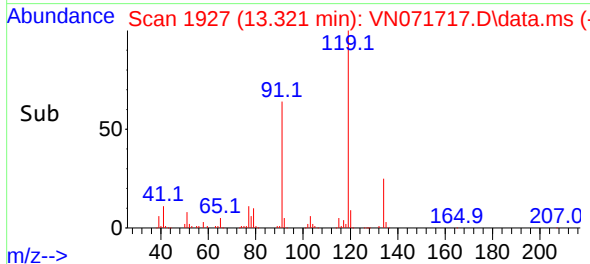
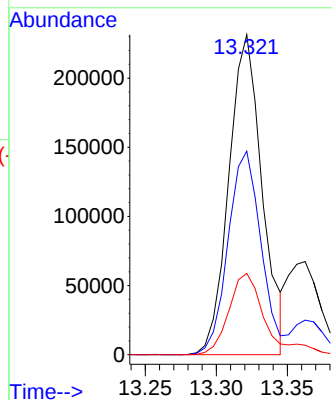
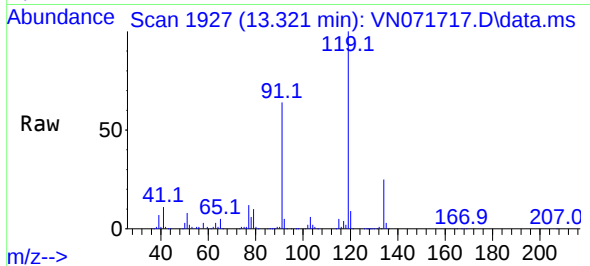
#79
tert-butylbenzene
Concen: 18.037 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 377958
Ion Ratio Lower Upper
119 100
91 62.6 0.0 137.0
134 25.7 0.0 47.6

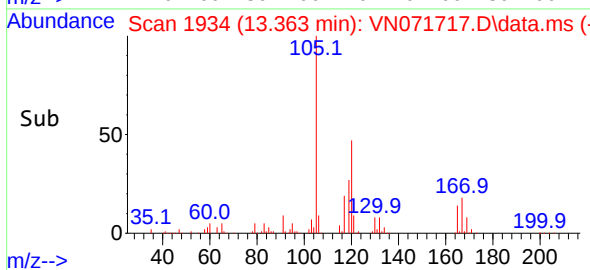
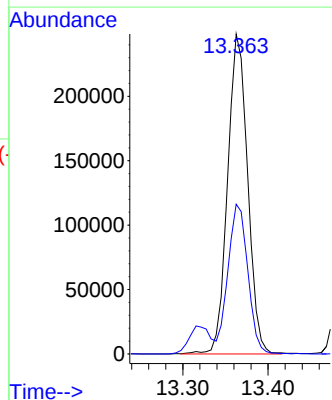
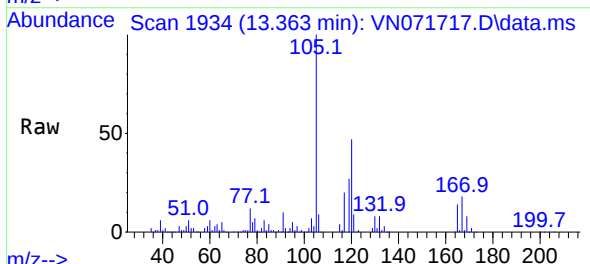
Manual Integrations
APPROVED

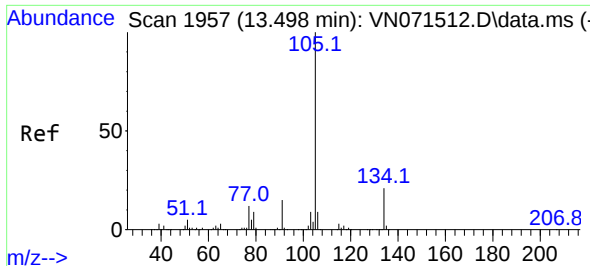
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#80
1,2,4-Trimethylbenzene
Concen: 18.019 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion:105 Resp: 405975
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 17.331 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071717.D
 Acq: 31 Mar 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

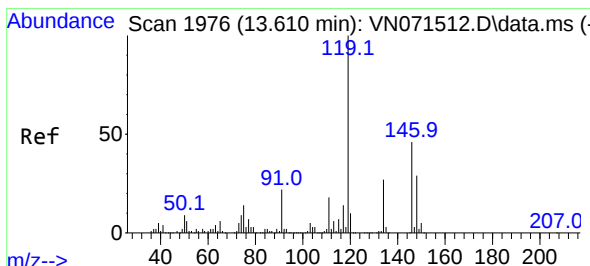
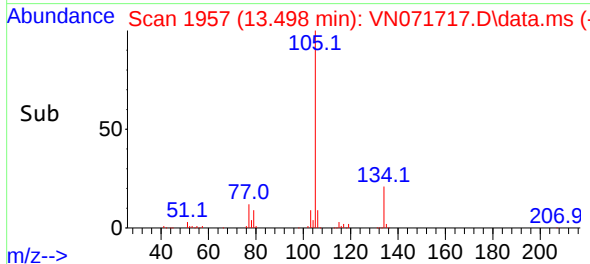
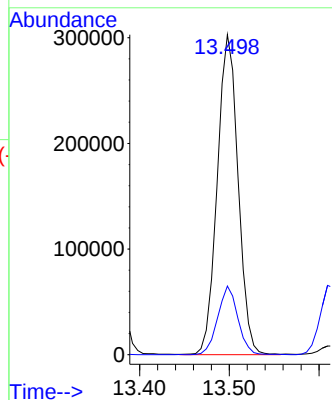
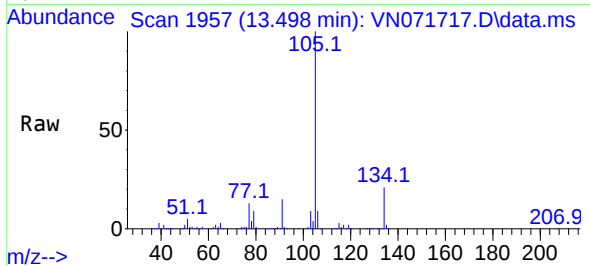
VSTDCCC020EC

Tgt Ion:105 Resp: 487968
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 39.4

Manual Integrations

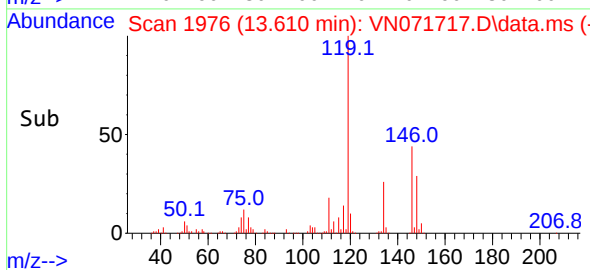
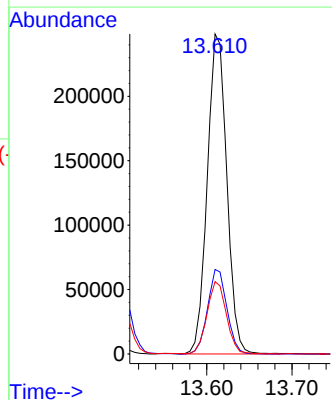
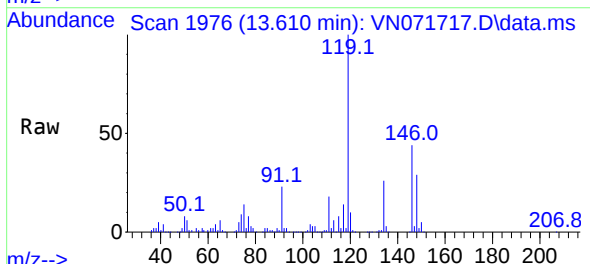
APPROVED

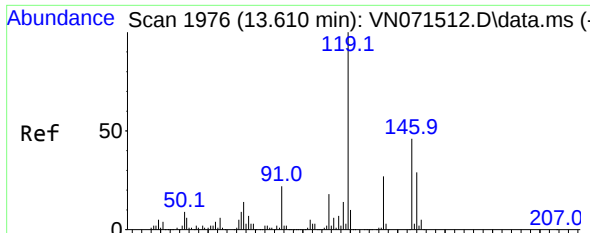
Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#82
 p-Isopropyltoluene
 Concen: 17.290 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071717.D
 Acq: 31 Mar 2022 20:26

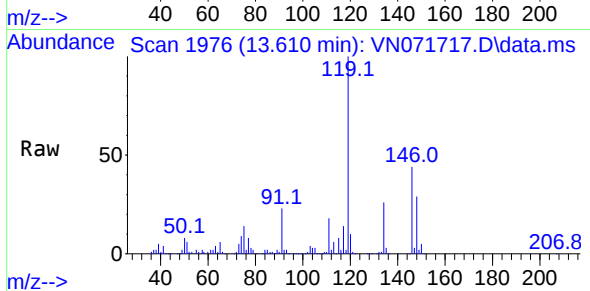
Tgt Ion:119 Resp: 395530
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 22.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 16.639 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

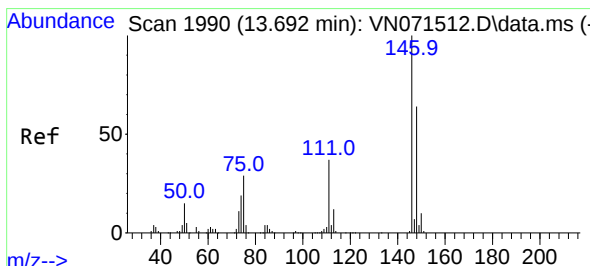
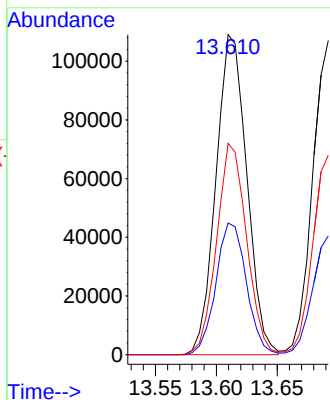
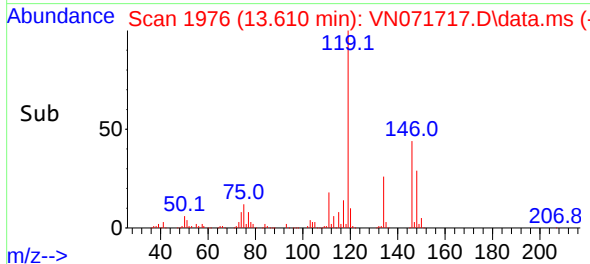
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 19225
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.2
148 64.2 31.4 94.3

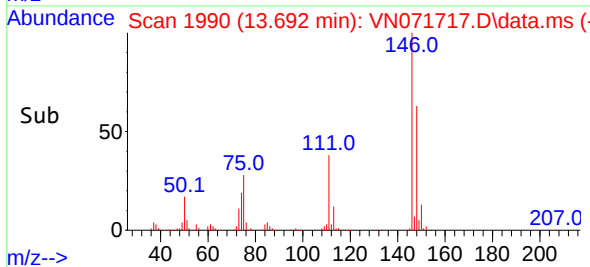
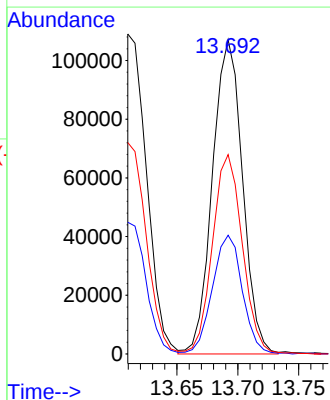
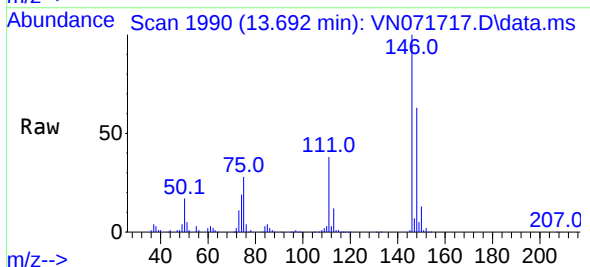
Manual Integrations
APPROVED

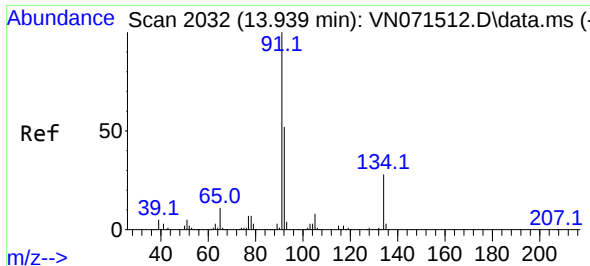
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#84
1,4-Dichlorobenzene
Concen: 16.695 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

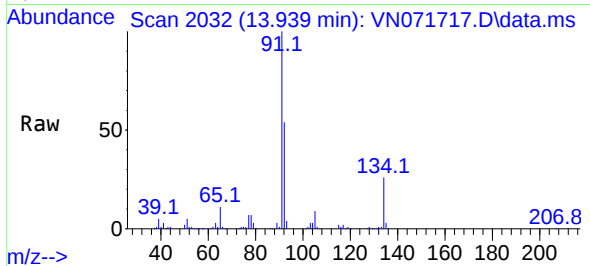
Tgt Ion:146 Resp: 184112
Ion Ratio Lower Upper
146 100
111 37.7 19.5 58.5
148 63.2 31.1 93.5





#85
n-Butylbenzene
Concen: 15.513 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

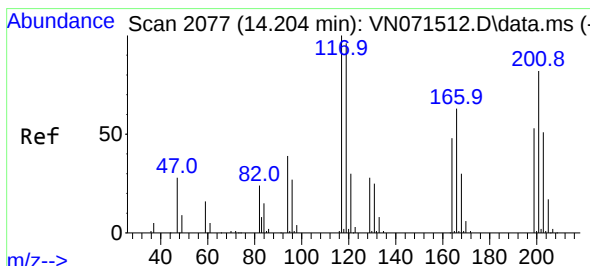
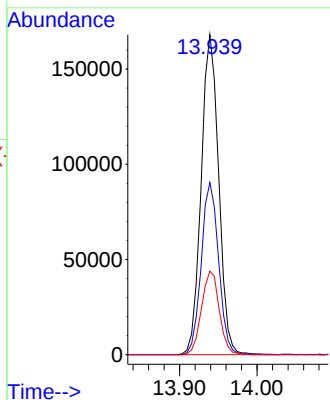
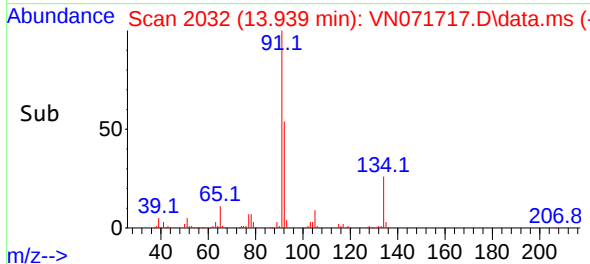
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 263599
Ion Ratio Lower Upper
91 100
92 53.3 0.0 100.6
134 26.4 0.0 50.2

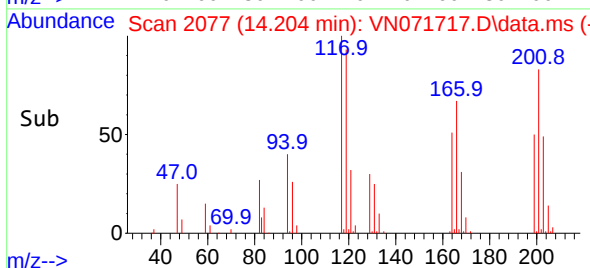
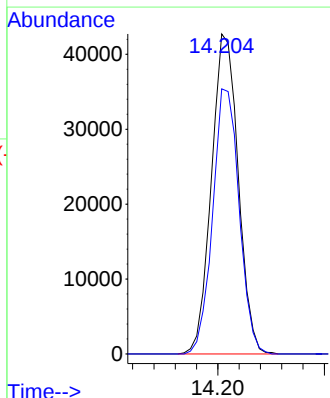
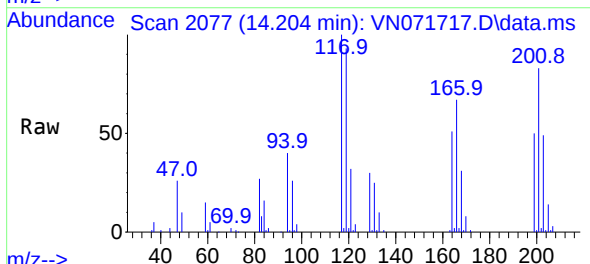
Manual Integrations
APPROVED

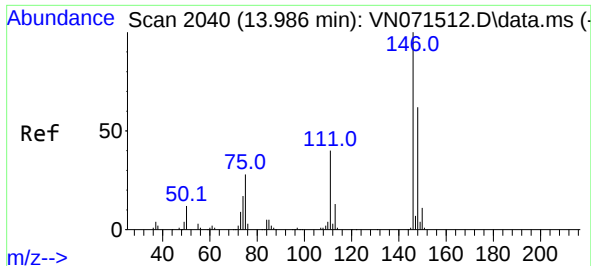
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#86
Hexachloroethane
Concen: 17.447 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion:117 Resp: 74534
Ion Ratio Lower Upper
117 100
201 81.7 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 17.729 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071717.D

Acq: 31 Mar 2022 20:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 198039

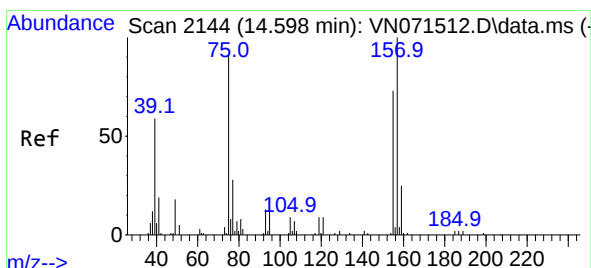
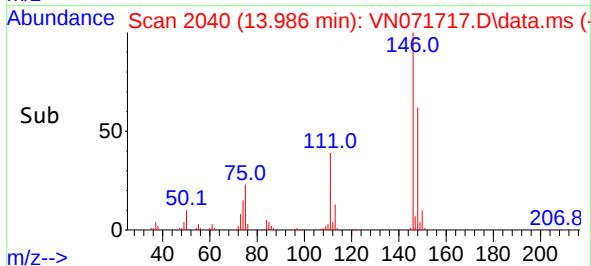
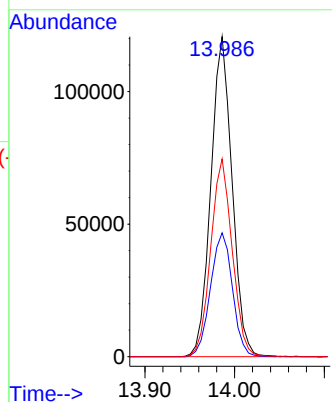
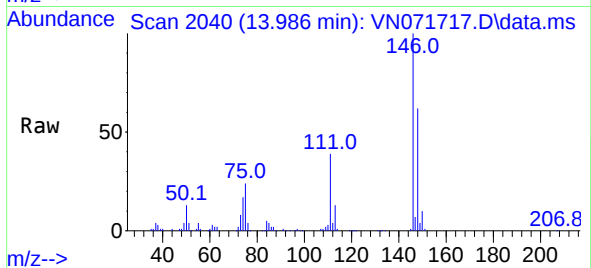
Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.4	64.2
148	62.7	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.843 ug/l

RT: 14.598 min Scan# 2144

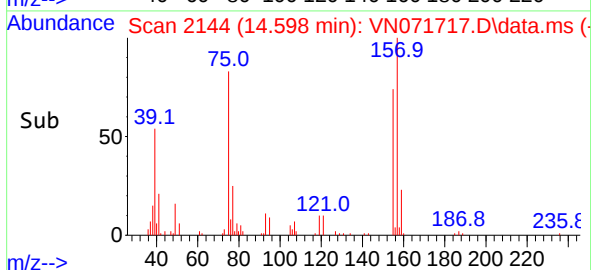
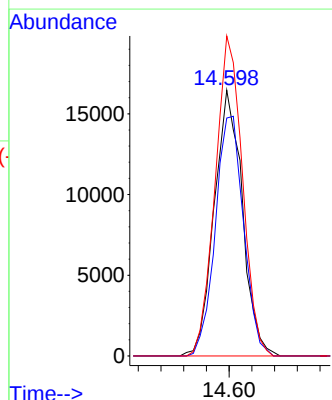
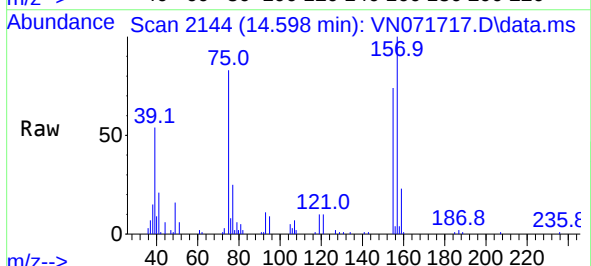
Delta R.T. -0.000 min

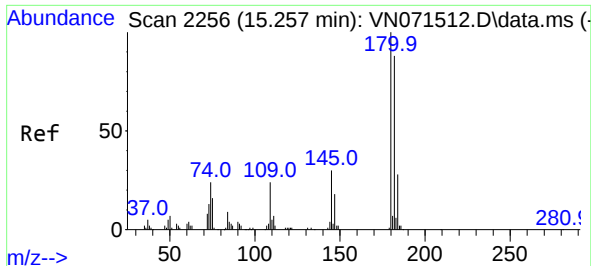
Lab File: VN071717.D

Acq: 31 Mar 2022 20:26

Tgt Ion: 75 Resp: 28231

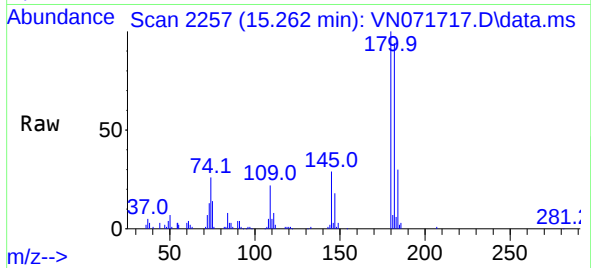
Ion	Ratio	Lower	Upper
75	100		
155	90.9	63.8	95.8
157	117.1	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 15.614 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

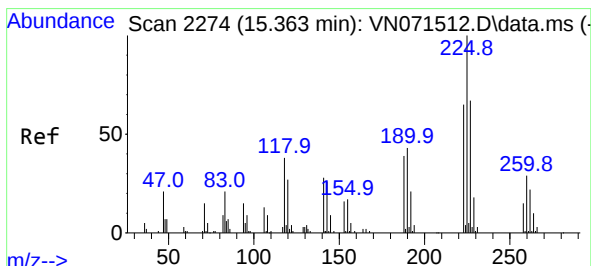
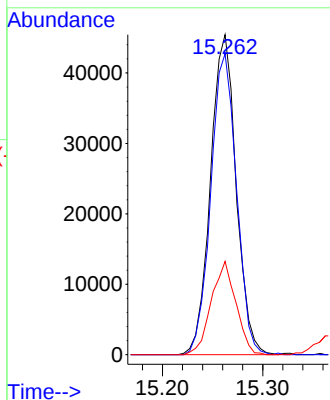
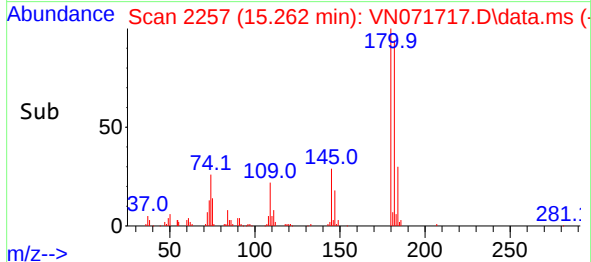
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



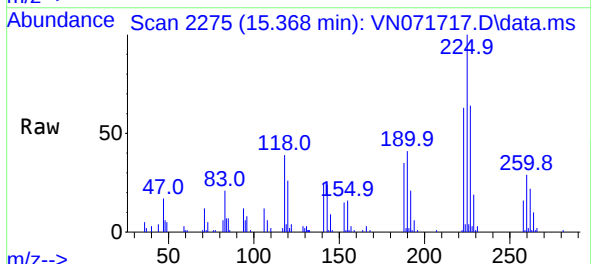
Tgt Ion:180 Resp: 80625
Ion Ratio Lower Upper
180 100
182 94.1 77.7 116.5
145 28.0 26.6 39.8

Manual Integrations
APPROVED

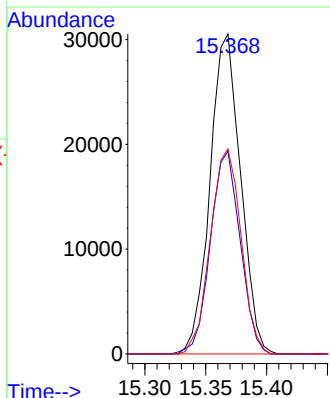
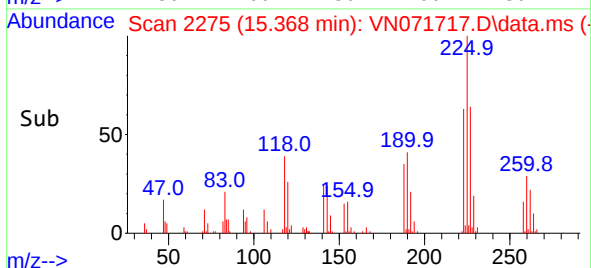
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

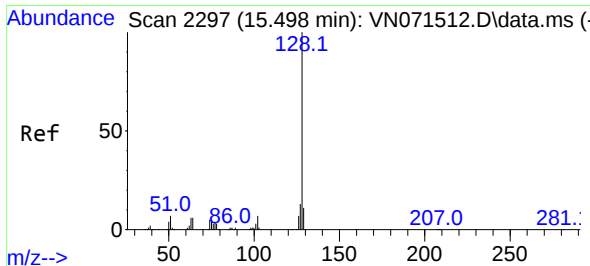


#90
Hexachlorobutadiene
Concen: 17.461 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26



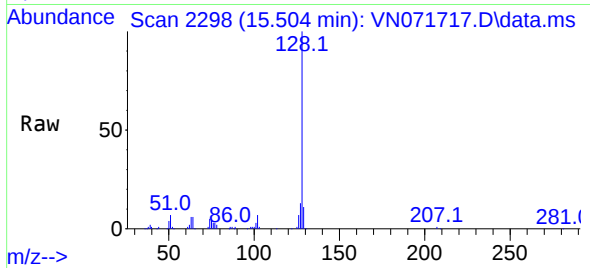
Tgt Ion:225 Resp: 53427
Ion Ratio Lower Upper
225 100
223 61.6 0.0 126.8
227 64.2 0.0 123.0





#91
Naphthalene
Concen: 16.734 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

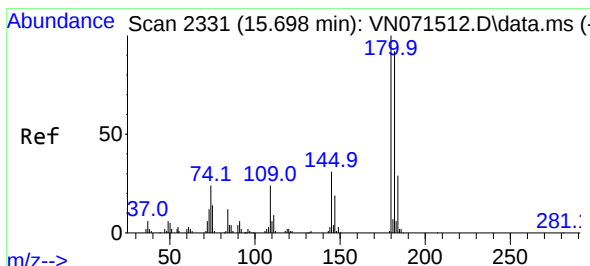
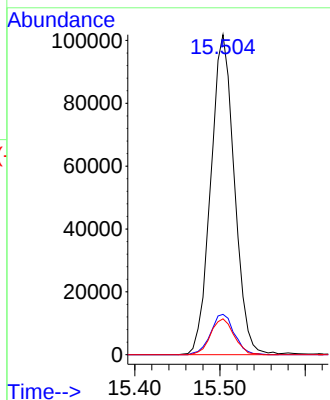
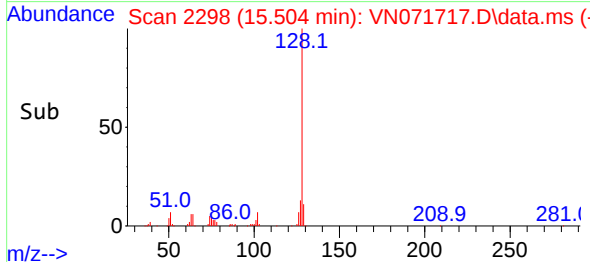
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 19598
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2,3-Trichlorobenzene
Concen: 15.722 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071717.D
Acq: 31 Mar 2022 20:26

Tgt Ion:180 Resp: 79617
Ion Ratio Lower Upper
180 100
182 93.5 0.0 190.0
145 30.7 0.0 67.8

