

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072647.D
 Acq On : 31 May 2022 11:00
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

Quant Time: Jun 01 02:46:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	22399	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	132146	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	98898	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	73407	34.249	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.167%#			
60) 4-Bromofluorobenzene	12.727	95	67058	38.609	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 128.700%#			
63) Toluene-d8	10.439	98	171372	30.475	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	32865	21.472	ug/l	88
3) Chloromethane	2.293	50	48119	23.445	ug/l	96
4) Vinyl Chloride	2.440	62	41175	23.995	ug/l	97
5) Bromomethane	2.840	94	16755	20.080	ug/l	94
6) Chloroethane	3.004	64	24626	22.939	ug/l	97
7) Trichlorofluoromethane	3.369	101	46331	18.841	ug/l	97
8) Diethyl Ether	3.822	74	19652	19.047	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.210	101	27045	19.688	ug/l	58
10) 1,1-Dichloroethene	4.181	96	24697	18.309	ug/l	91
11) Methyl Iodide	4.416	142	20672	16.007	ug/l	95
12) Methyl Acetate	4.845	43	55477	20.957	ug/l	91
13) Acrolein	4.040	56	30617	100.992	ug/l	97
14) Acrylonitrile	5.545	53	114457	100.376	ug/l	97
15) Acetone	4.281	58	31819	108.398	ug/l	94
16) Carbon Disulfide	4.528	76	75213	20.329	ug/l	95
17) Allyl chloride	4.840	41	61041	21.782	ug/l	78
18) Methylene Chloride	5.092	84	33288m	18.771	ug/l	
19) trans-1,2-Dichloroethene	5.592	96	28041	19.006	ug/l	87
20) Diisopropyl ether	6.492	45	149632	23.287	ug/l #	88
21) 1,1-Dichloroethane	6.381	63	73157	22.368	ug/l	98
22) cis-1,2-Dichloroethene	7.316	96	44105	23.537	ug/l	97
23) tert-Butyl Alcohol	5.357	59	34880	91.132	ug/l #	100
24) Methyl tert-Butyl Ether	5.604	73	100800	19.452	ug/l	100
25) Chloroform	7.810	83	68759	20.692	ug/l	98
26) Cyclohexane	8.092	56	68150	22.093	ug/l #	91
29) 1,1-Dichloropropene	8.216	75	54541	21.824	ug/l	96
30) 2-Butanone	7.328	43	201116	119.509	ug/l	94
31) 2,2-Dichloropropane	7.322	77	60589	23.938	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	63841	23.027	ug/l	97
33) Carbon Tetrachloride	8.204	117	55550	22.566	ug/l	99
34) Benzene	8.451	78	170177	21.662	ug/l	96
35) Methacrylonitrile	7.628	41	39937	23.266	ug/l	87
36) 1,2-Dichloroethane	8.528	62	58036	22.735	ug/l	97
37) Trichloroethene	9.210	130	36857	19.712	ug/l	95
38) Methylcyclohexane	9.457	83	60160	19.490	ug/l	88
39) 1,2-Dichloropropane	9.486	63	42961	20.507	ug/l	97
40) Dibromomethane	9.569	93	24239	18.246	ug/l	97
41) Bromodichloromethane	9.763	83	50221	18.860	ug/l #	93
42) Vinyl Acetate	6.428	43	621498m	113.156	ug/l	

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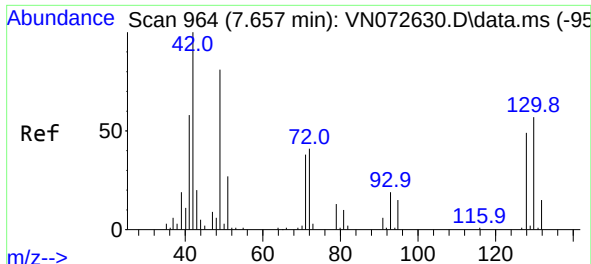
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
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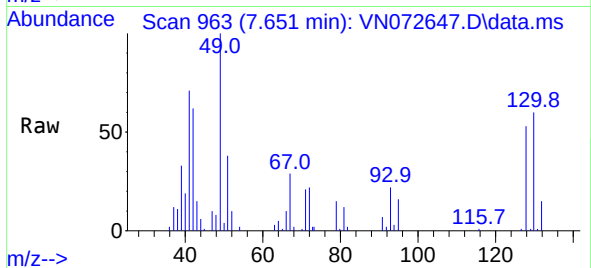
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	76656	23.754	ug/l	98
44) Isopropyl Acetate	8.557	43	115375	22.945	ug/l	99
45) 1,4-Dioxane	9.563	88	17873	423.951	ug/l #	88
46) Methyl methacrylate	9.557	41	49033	20.697	ug/l	81
47) n-amyl Acetate	12.380	43	73947	20.185	ug/l	97
48) t-1,3-Dichloropropene	10.716	75	51180	17.794	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	56669	17.881	ug/l	98
50) 1,1,2-Trichloroethane	10.892	97	33560	17.185	ug/l	97
51) Ethyl methacrylate	10.757	69	55559	16.873	ug/l	88
52) 1,3-Dichloropropane	11.039	76	60152	17.467	ug/l	100
53) Dibromochloromethane	11.233	129	33741	16.806	ug/l	96
54) 1,2-Dibromoethane	11.339	107	33254	16.583	ug/l	98
55) 2-Chloroethyl vinyl ether	10.039	63	123733	85.905	ug/l	95
56) Bromoform	12.451	173	32413	22.362	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	342133	119.767	ug/l #	94
59) 2-Hexanone	11.080	43	255372	125.349	ug/l	97
61) Tetrachloroethene	10.974	164	24421	18.658	ug/l	97
62) Toluene	10.498	91	144326	20.788	ug/l	100
64) Chlorobenzene	11.768	112	81414	20.180	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	31830	20.036	ug/l	98
66) Ethyl Benzene	11.839	91	153606	20.056	ug/l	98
67) m/p-Xylenes	11.951	106	116063	41.695	ug/l	98
68) o-Xylene	12.274	106	57944	20.922	ug/l	99
69) Styrene	12.292	104	90203	20.557	ug/l	98
70) Isopropylbenzene	12.574	105	171388	24.222	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	67784	27.904	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	50298m	24.537	ug/l	
73) Bromobenzene	12.857	156	38110	24.518	ug/l	82
74) n-propylbenzene	12.915	91	219387	27.421	ug/l	99
75) 2-Chlorotoluene	13.004	91	126193	26.005	ug/l	95
76) 1,3,5-Trimethylbenzene	13.057	105	143194	25.644	ug/l	98
77) t-1,4-Dichloro-2-butene	12.621	75	21890	27.327	ug/l	98
78) 4-Chlorotoluene	13.098	91	130765	29.597	ug/l	94
79) tert-butylbenzene	13.321	119	132363	27.087	ug/l	97
80) 1,2,4-Trimethylbenzene	13.363	105	140940m	26.152	ug/l	
81) sec-Butylbenzene	13.498	105	173103	24.486	ug/l	99
82) p-Isopropyltoluene	13.610	119	140400	25.619	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	66103	24.503	ug/l	100
84) 1,4-Dichlorobenzene	13.692	146	73915	28.202	ug/l	98
85) n-Butylbenzene	13.939	91	124782	27.708	ug/l	96
86) Hexachloroethane	14.204	117	34666	31.760	ug/l	93
87) 1,2-Dichlorobenzene	13.986	146	76506	28.712	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	13581	28.777	ug/l	95
89) 1,2,4-Trichlorobenzene	15.257	180	36812	28.001	ug/l	94
90) Hexachlorobutadiene	15.368	225	20077	30.451	ug/l	100
91) Naphthalene	15.504	128	120203	26.055	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	37140	27.672	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

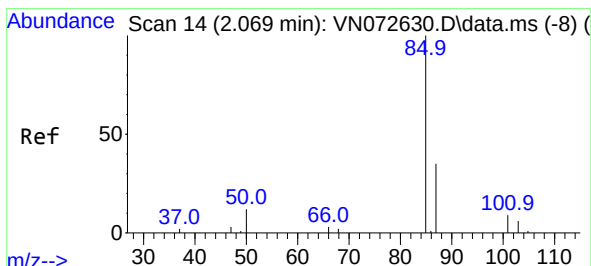
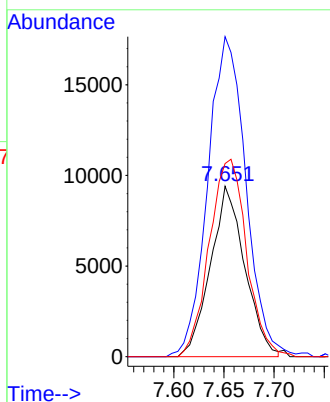
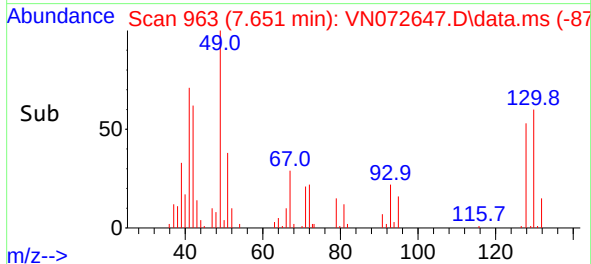
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



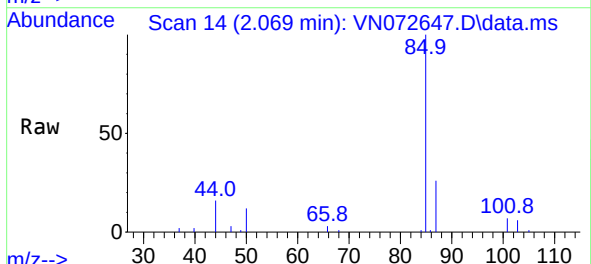
Tgt Ion:128 Resp: 22395
Ion Ratio Lower Upper
128 100
49 208.1 0.0 392.3
130 126.3 0.0 320.2

Manual Integrations
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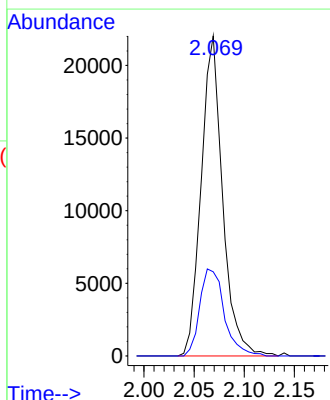
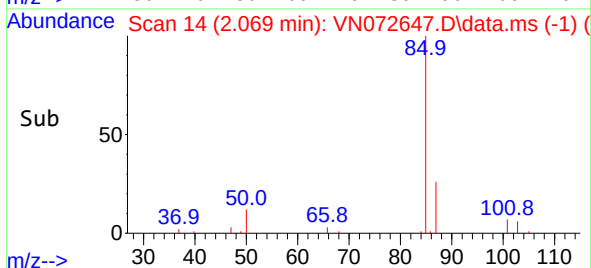
Reviewed By :John Carlone 06/01/2022
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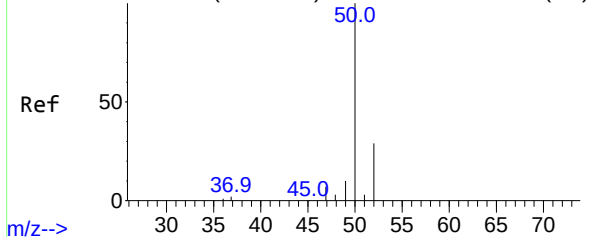
#2
Dichlorodifluoromethane
Concen: 21.472 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion: 85 Resp: 32865
Ion Ratio Lower Upper
85 100
87 26.3 16.6 49.7



Abundance Scan 53 (2.298 min): VN072630.D\data.ms (-47)



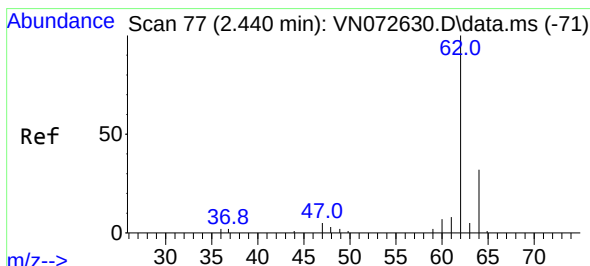
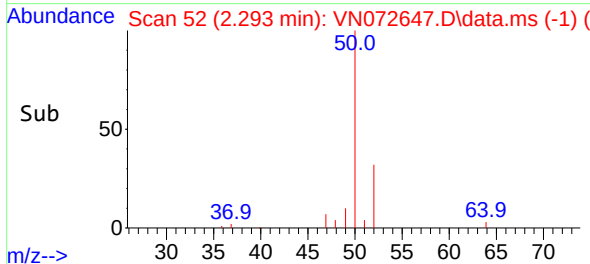
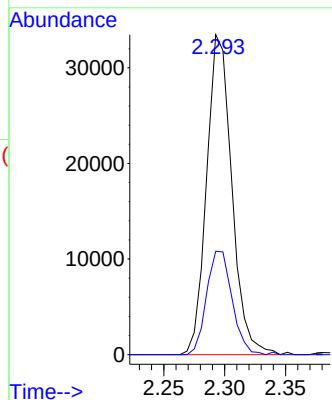
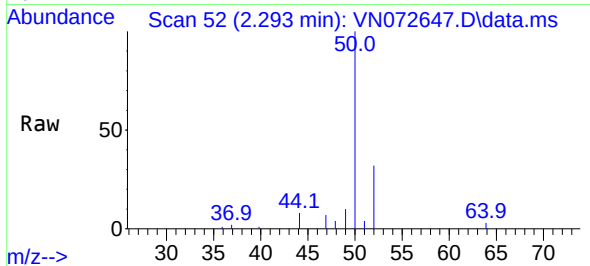
#3
Chloromethane
Concen: 23.445 ug/l
RT: 2.293 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 48119
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.6

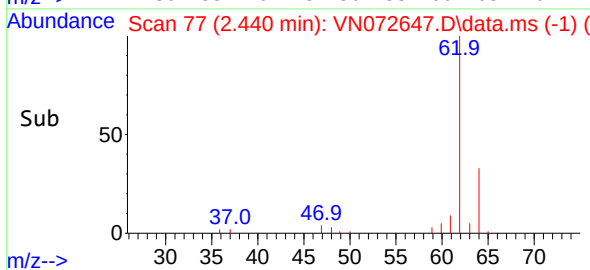
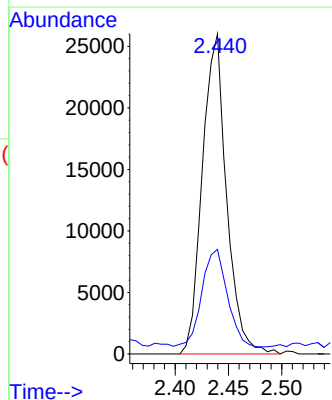
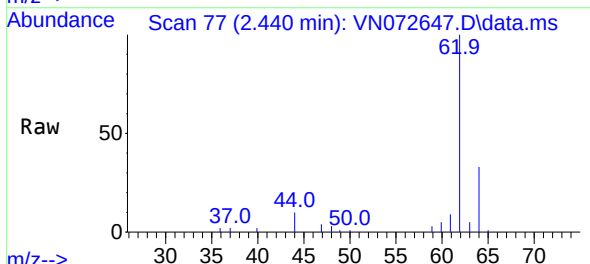
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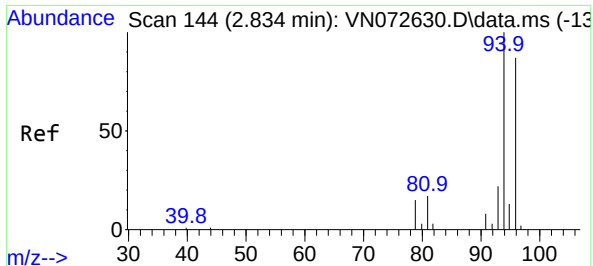
Reviewed By :John Carlone 06/01/2022
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#4
Vinyl Chloride
Concen: 23.995 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 62 Resp: 41175
Ion Ratio Lower Upper
62 100
64 29.8 25.1 37.7





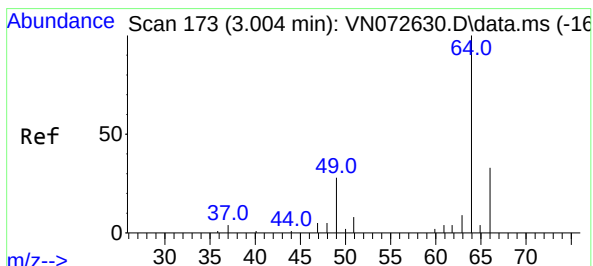
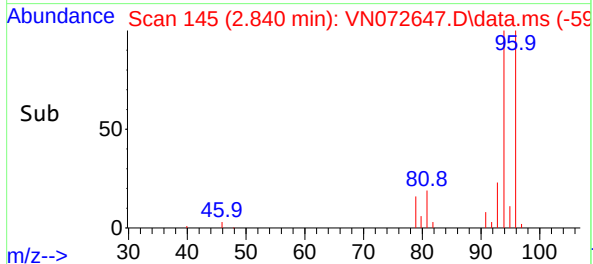
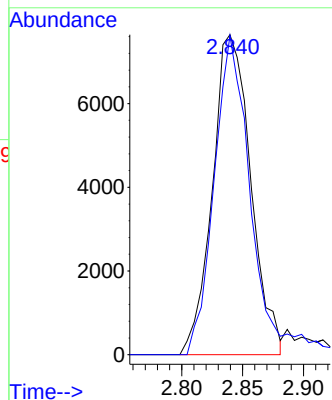
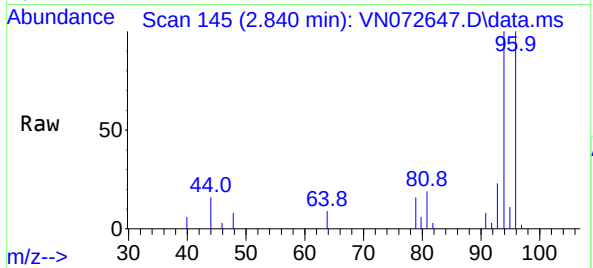
#5
Bromomethane
Concen: 20.080 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
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Tgt Ion: 94 Resp: 1675
Ion Ratio Lower Upper
94 100
96 99.7 75.2 112.8

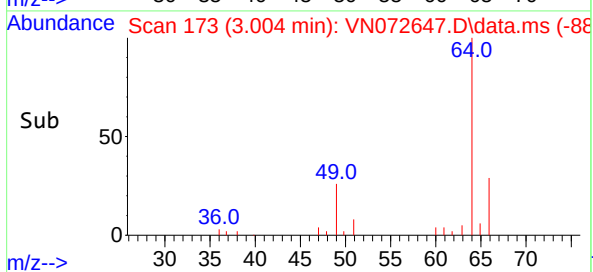
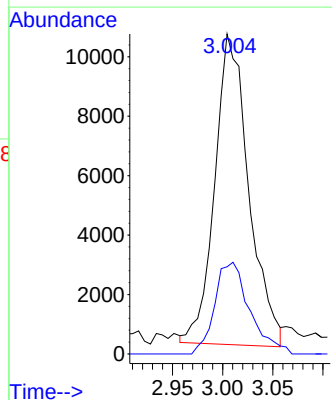
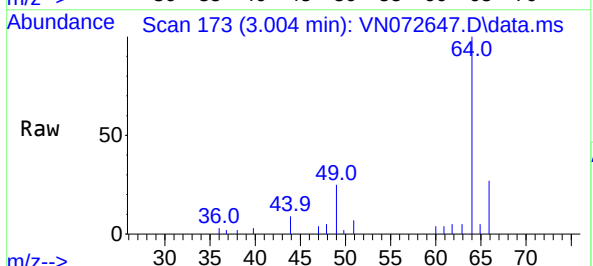
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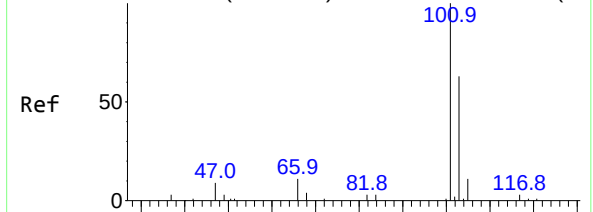


#6
Chloroethane
Concen: 22.939 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 64 Resp: 24626
Ion Ratio Lower Upper
64 100
66 28.9 24.6 36.8



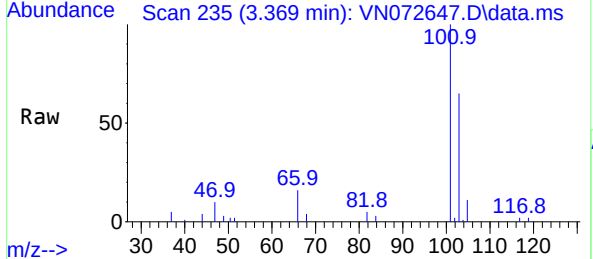
Abundance Scan 235 (3.369 min): VN072630.D\data.ms (-22



#7
Trichlorofluoromethane
Concen: 18.841 ug/l
RT: 3.369 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Abundance Scan 235 (3.369 min): VN072647.D\data.ms

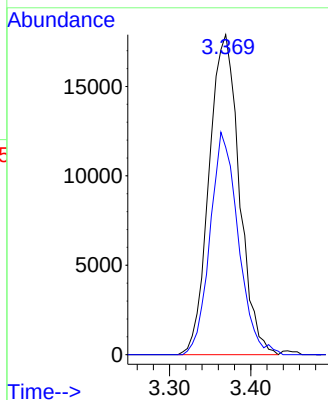
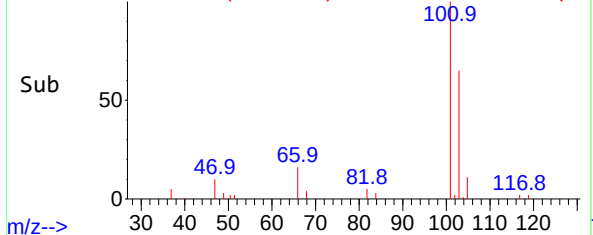


Tgt Ion:101 Resp: 4633
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1

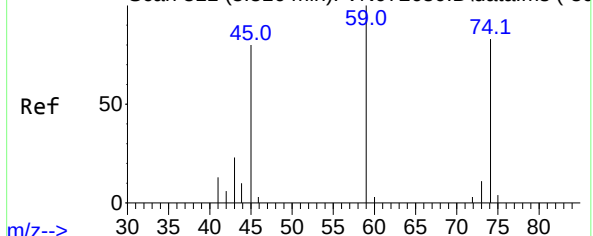
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Abundance Scan 235 (3.369 min): VN072647.D\data.ms (-15



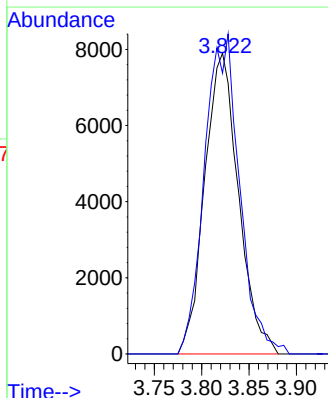
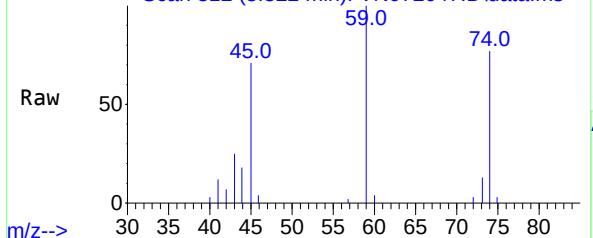
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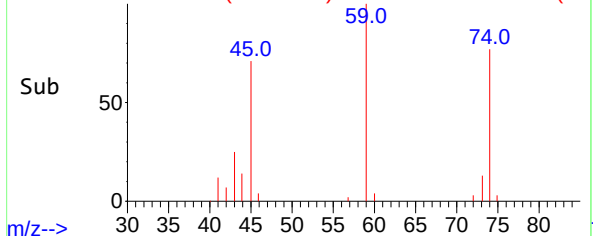
#8
Diethyl Ether
Concen: 19.047 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

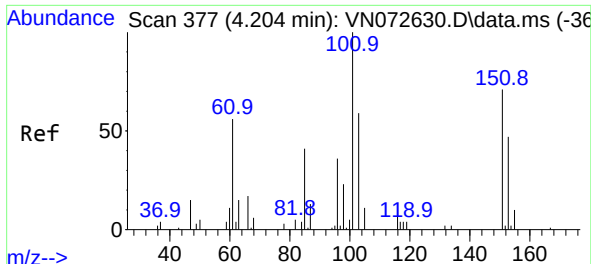
Tgt Ion: 74 Resp: 19652
Ion Ratio Lower Upper
74 100
45 61.8 17.6 158.8

Abundance Scan 312 (3.822 min): VN072647.D\data.ms



Abundance Scan 312 (3.822 min): VN072647.D\data.ms (-27





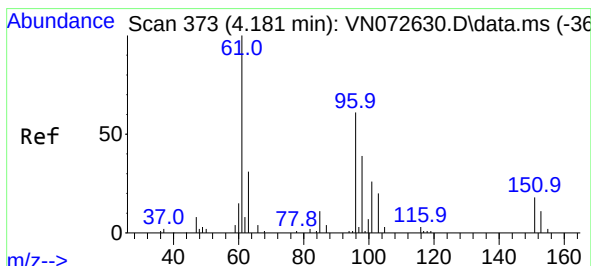
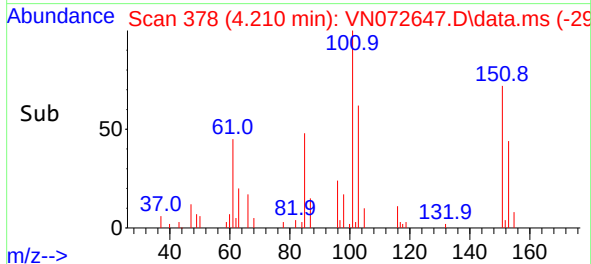
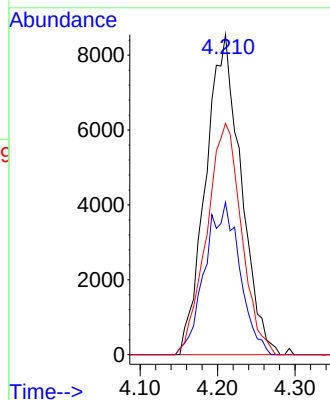
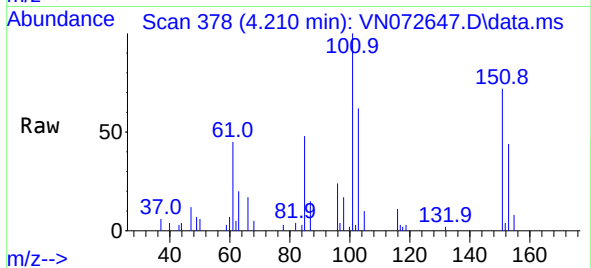
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.688 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 2704
Ion Ratio Lower Upper
101 100
85 27.6 0.0 94.0
151 71.5 0.0 74.6

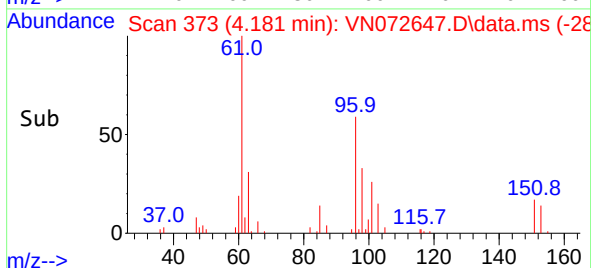
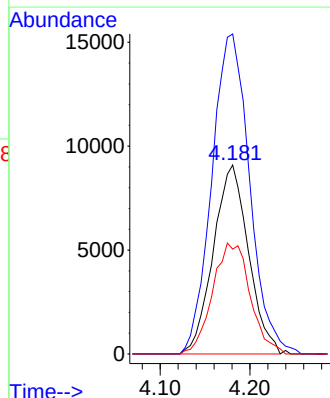
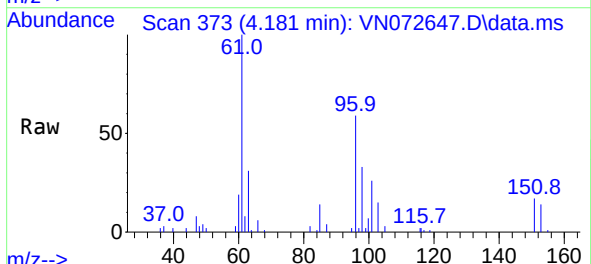
Manual Integrations
APPROVED

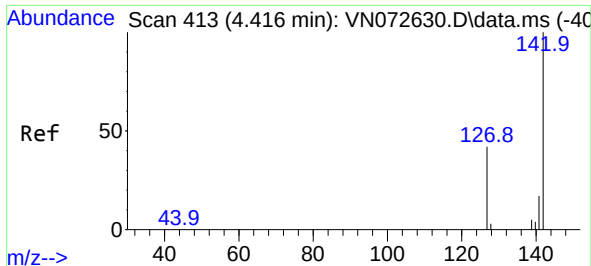
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#10
1,1-Dichloroethene
Concen: 18.309 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

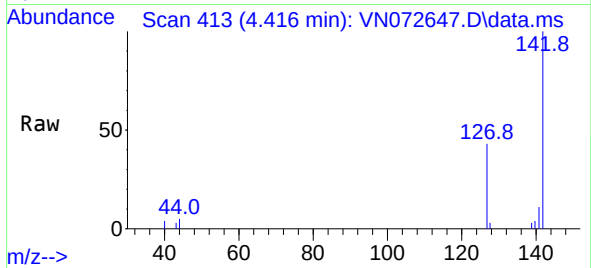
Tgt Ion: 96 Resp: 24697
Ion Ratio Lower Upper
96 100
61 169.3 126.2 189.4
98 55.4 50.9 76.3





#11
Methyl Iodide
Concen: 16.007 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

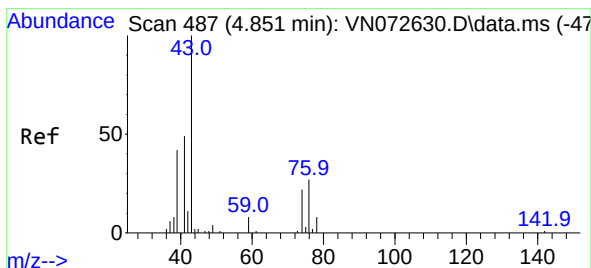
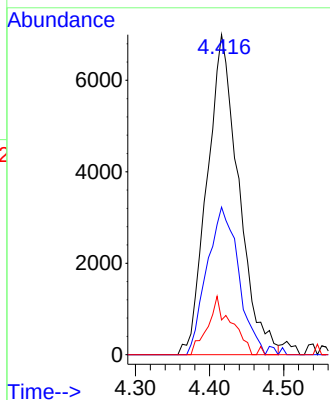
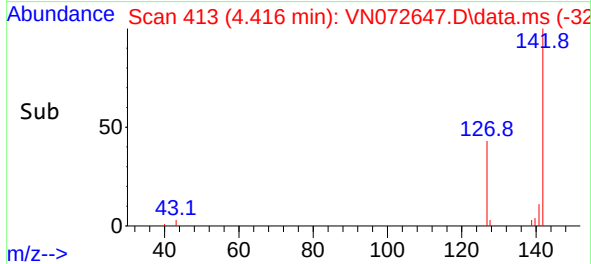
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



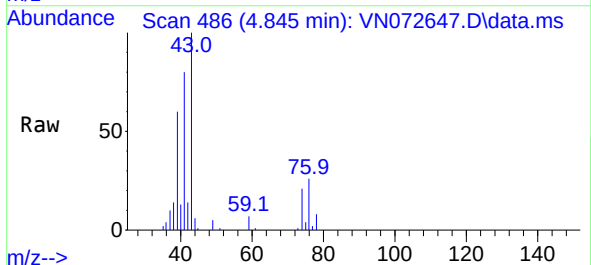
Tgt Ion:142 Resp: 20672
Ion Ratio Lower Upper
142 100
127 46.8 24.0 72.0
141 11.0 8.4 25.2

Manual Integrations
APPROVED

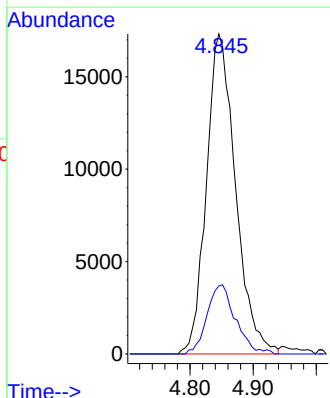
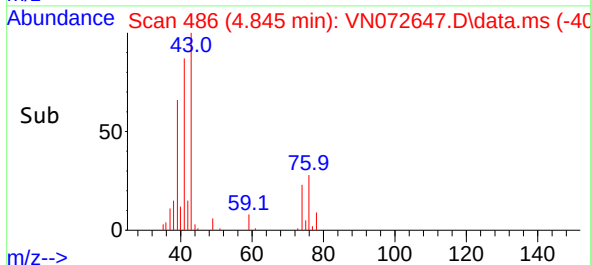
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

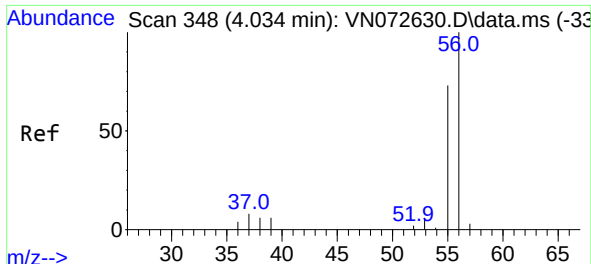


#12
Methyl Acetate
Concen: 20.957 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion: 43 Resp: 55477
Ion Ratio Lower Upper
43 100
74 21.4 20.8 31.2





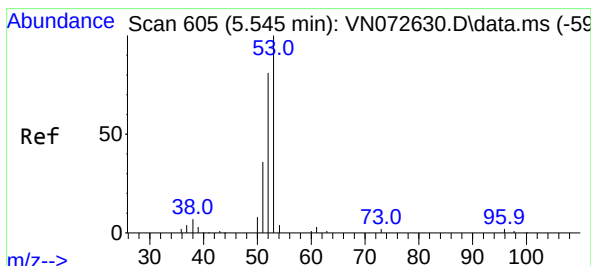
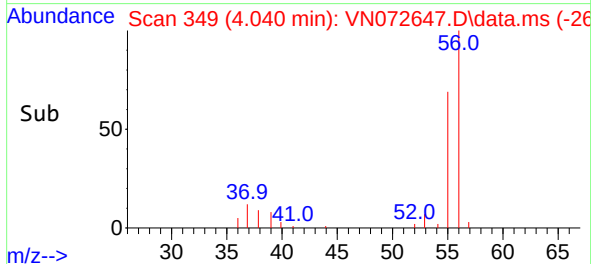
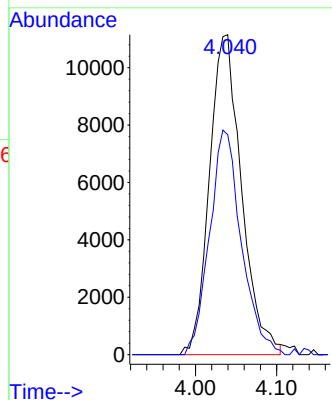
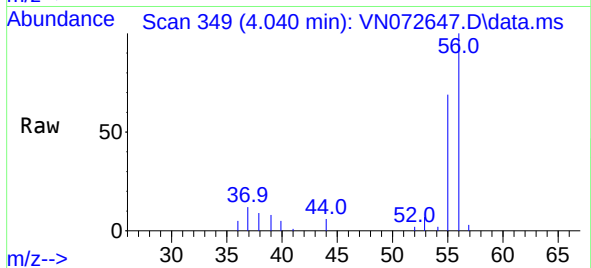
#13
Acrolein
Concen: 100.992 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 3061
Ion Ratio Lower Upper
56 100
55 69.5 57.6 86.4

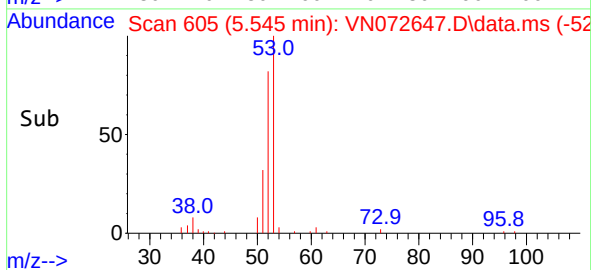
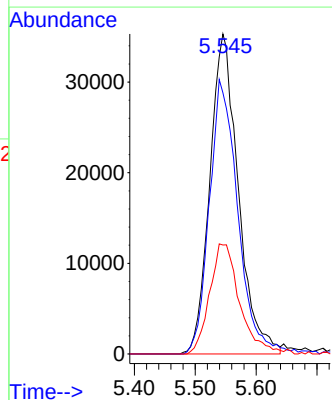
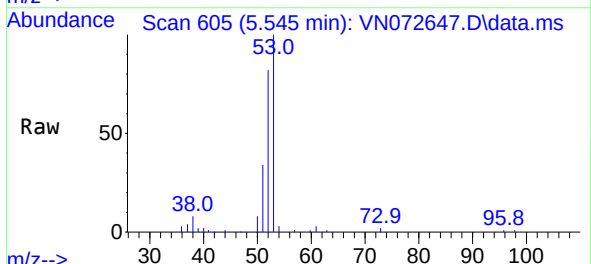
Manual Integrations
APPROVED

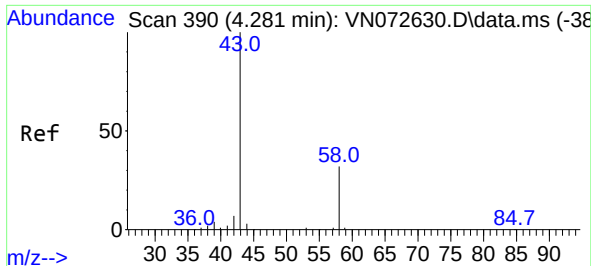
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#14
Acrylonitrile
Concen: 100.376 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 53 Resp: 114457
Ion Ratio Lower Upper
53 100
52 85.7 41.8 125.4
51 36.2 19.0 57.0





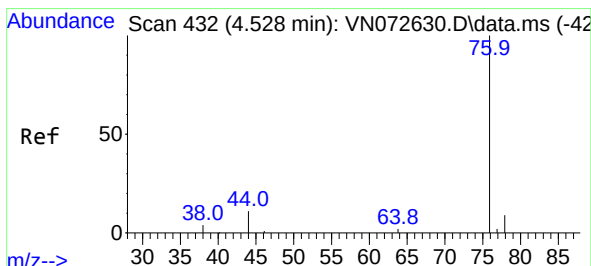
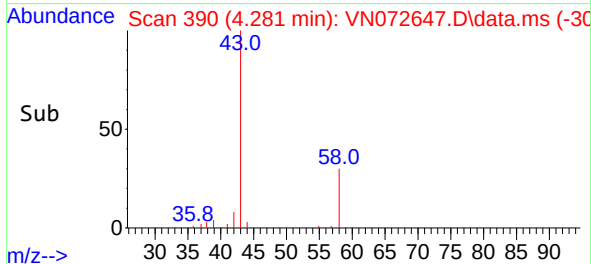
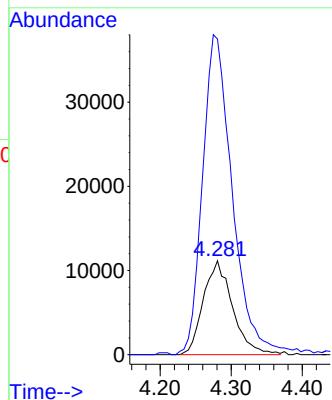
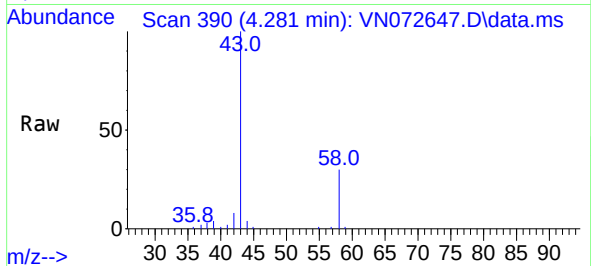
#15
Acetone
Concen: 108.398 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 31819
Ion Ratio Lower Upper
58 100
43 332.7 256.6 384.8

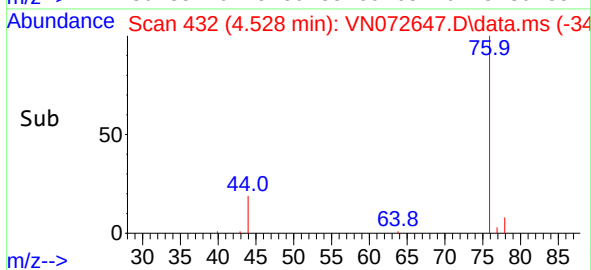
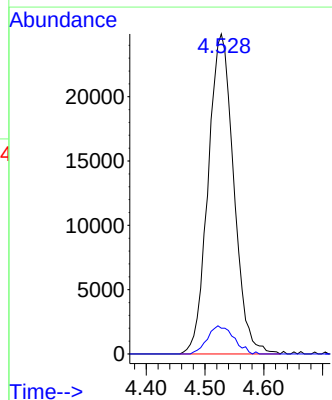
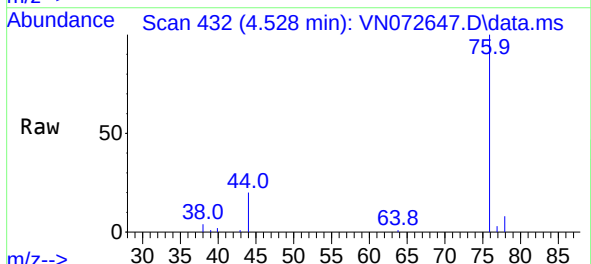
Manual Integrations
APPROVED

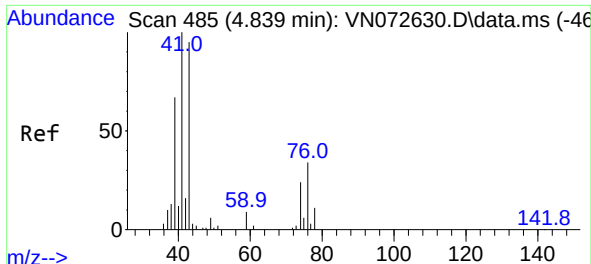
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#16
Carbon Disulfide
Concen: 20.329 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

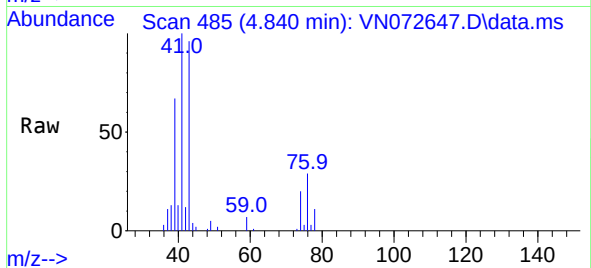
Tgt Ion: 76 Resp: 75213
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8





#17
 Allyl chloride
 Concen: 21.782 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN072647.D
 Acq: 31 May 2022 11:00

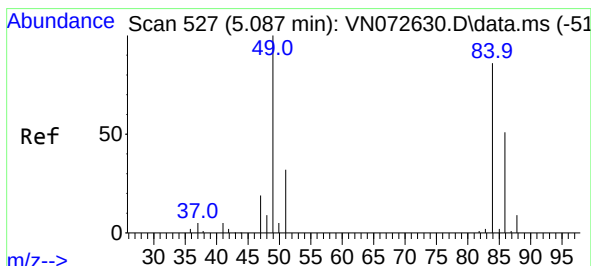
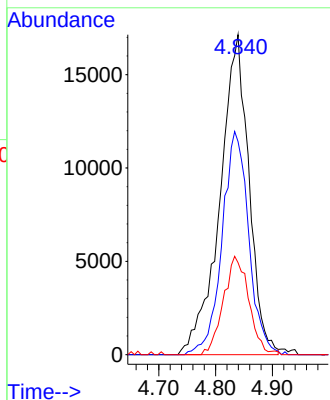
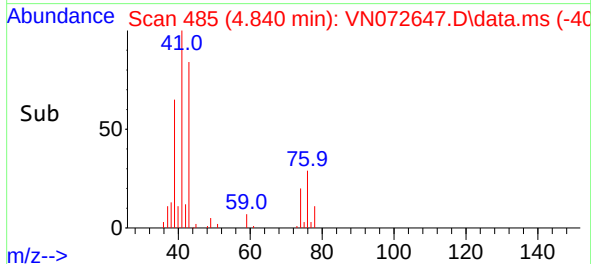
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



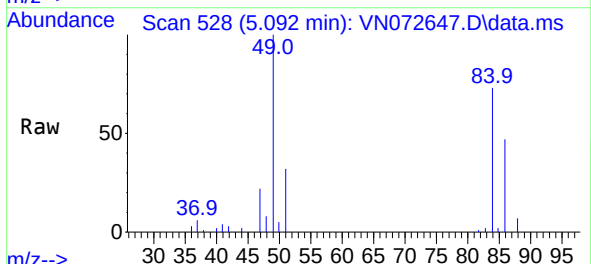
Tgt Ion: 41 Resp: 6104
 Ion Ratio Lower Upper
 41 100
 39 66.6 44.6 134.0
 76 28.8 19.6 58.7

Manual Integrations
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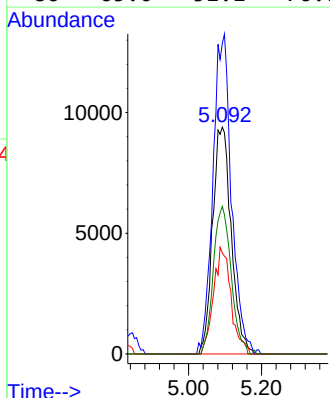
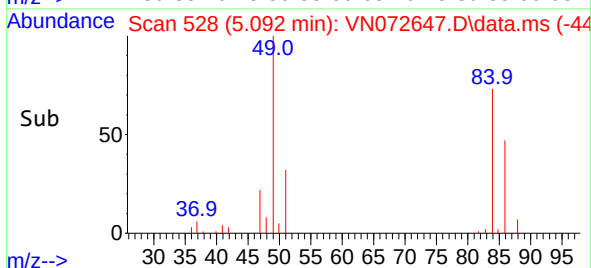
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

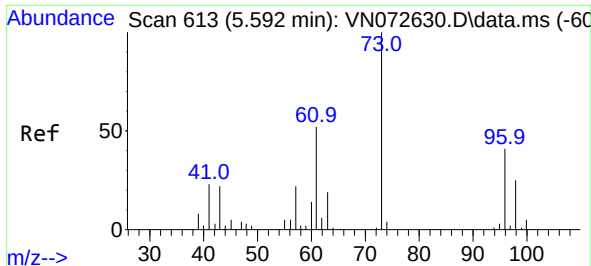


#18
 Methylene Chloride
 Concen: 18.771 ug/l m
 RT: 5.092 min Scan# 528
 Delta R.T. 0.006 min
 Lab File: VN072647.D
 Acq: 31 May 2022 11:00



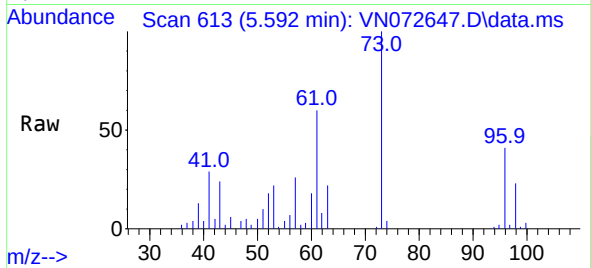
Tgt Ion: 84 Resp: 33288
 Ion Ratio Lower Upper
 84 100
 49 137.0 91.4 137.0
 51 44.5 29.4 44.0#
 86 65.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.006 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

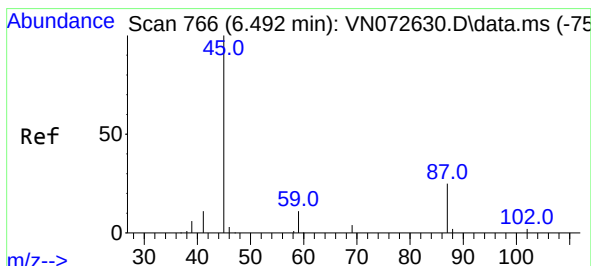
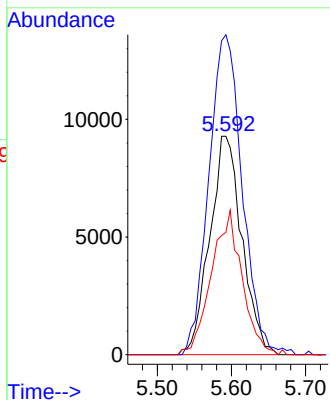
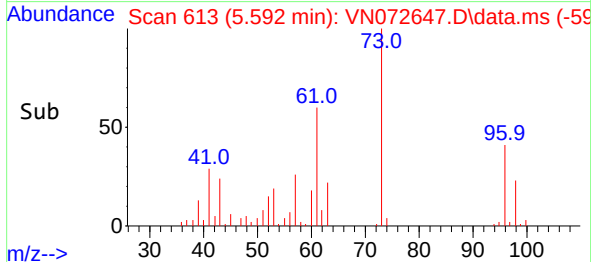
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



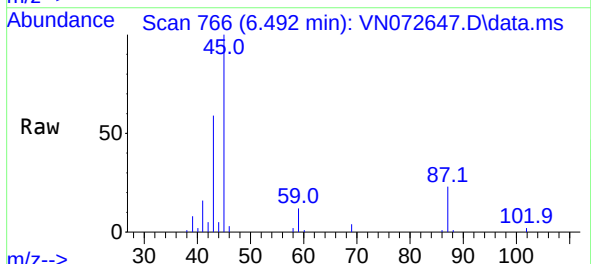
Tgt Ion: 96 Resp: 2804
Ion Ratio Lower Upper
96 100
61 146.5 102.8 154.2
98 56.0 49.3 73.9

Manual Integrations
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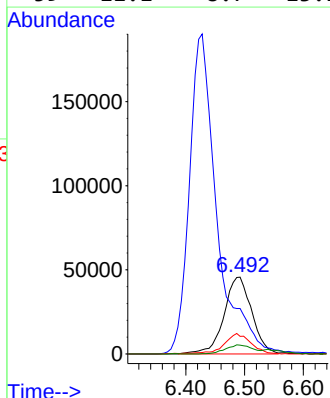
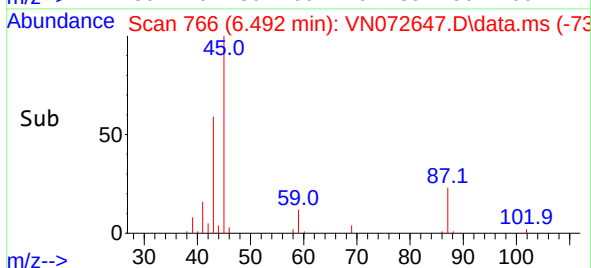
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

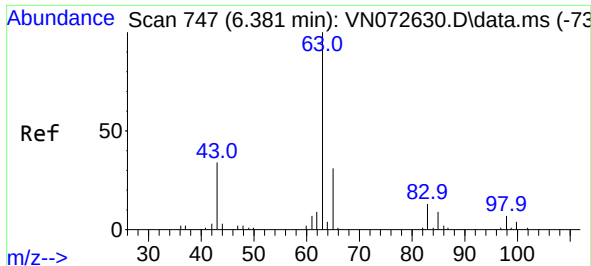


#20
Diisopropyl ether
Concen: 23.287 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion: 45 Resp: 149632
Ion Ratio Lower Upper
45 100
43 54.1 51.0 76.4
87 22.3 25.0 37.4#
59 11.1 8.7 13.1





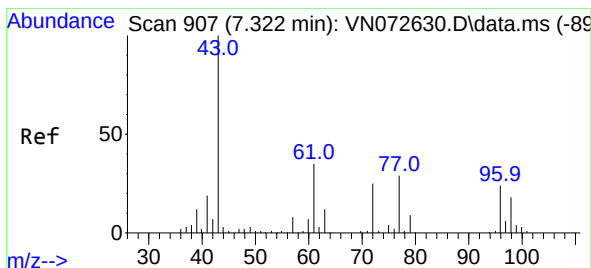
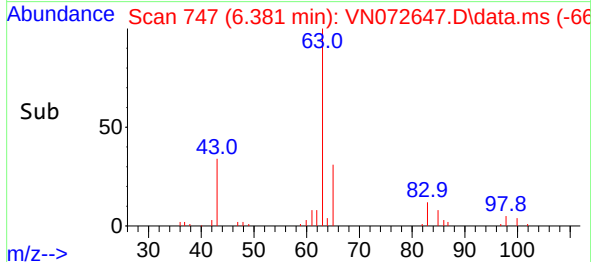
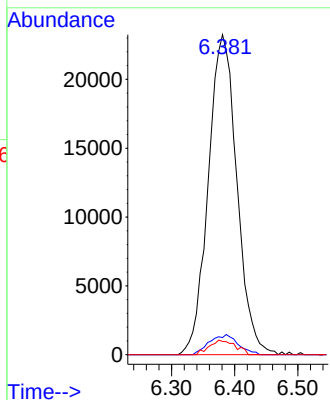
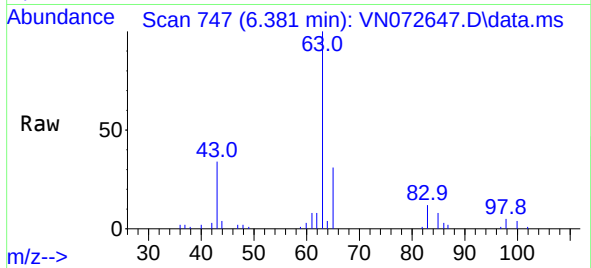
#21
1,1-Dichloroethane
Concen: 22.368 ug/l
RT: 6.381 min Scan# 741
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 7315
Ion Ratio Lower Upper
63 100
98 5.3 3.2 9.6
100 4.2 2.1 6.2

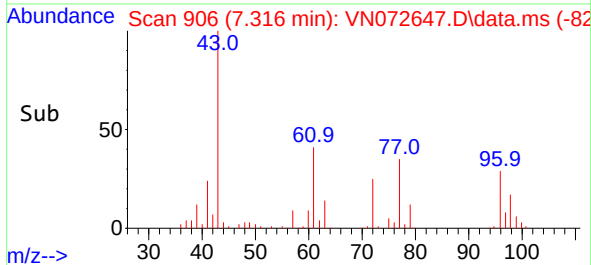
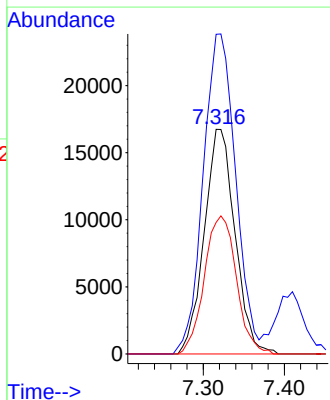
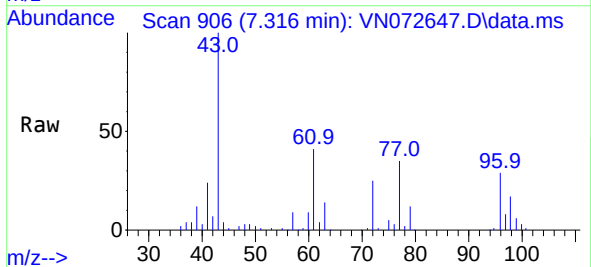
Manual Integrations
APPROVED

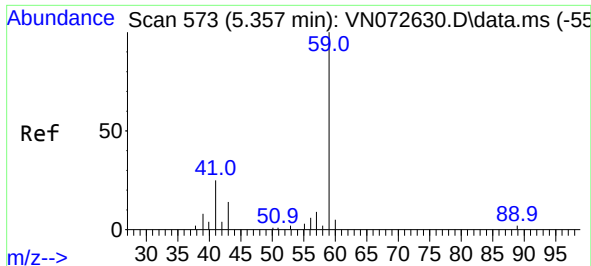
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#22
cis-1,2-Dichloroethene
Concen: 23.537 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 96 Resp: 44105
Ion Ratio Lower Upper
96 100
61 149.8 115.7 173.5
98 64.0 51.6 77.4





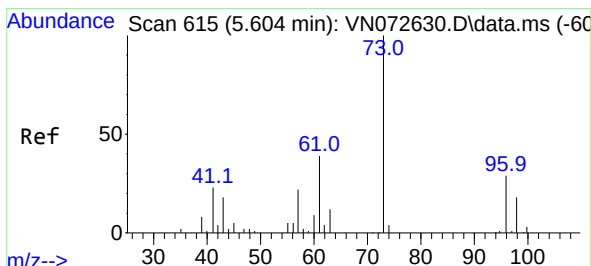
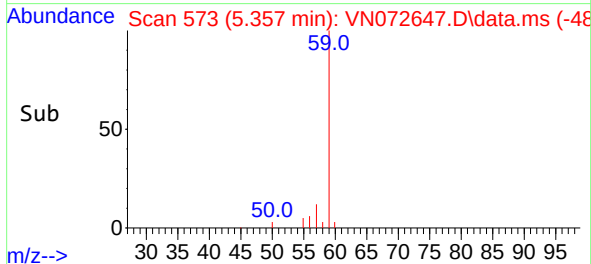
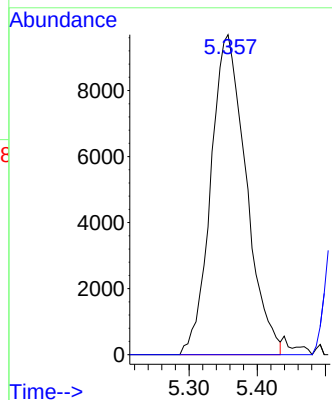
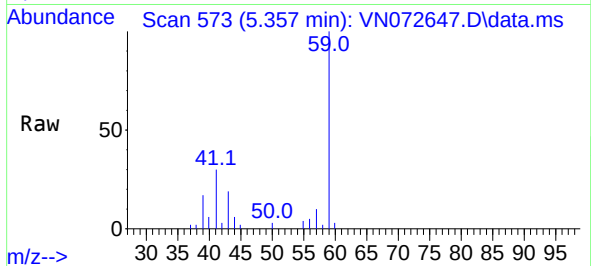
#23
tert-Butyl Alcohol
Concen: 91.132 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 34880
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

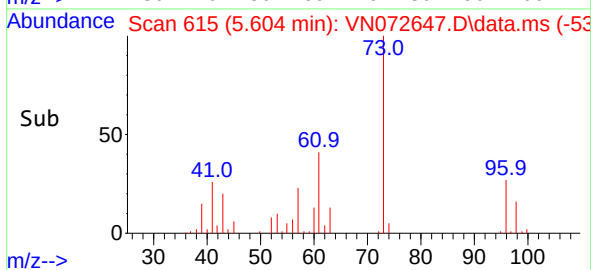
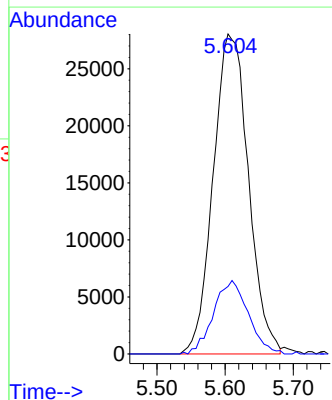
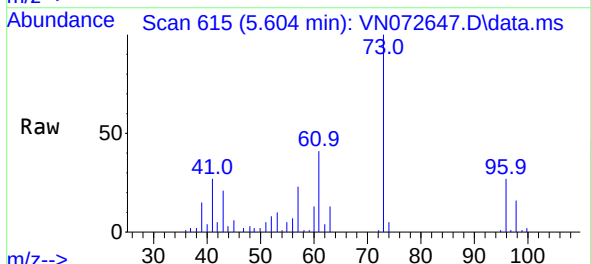
Manual Integrations
APPROVED

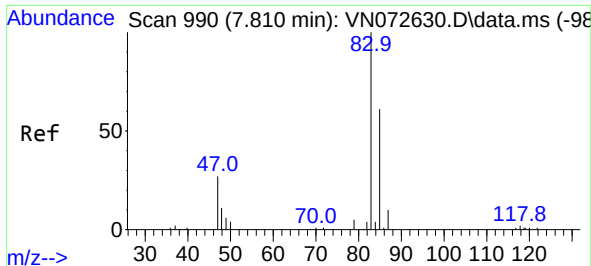
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#24
Methyl tert-Butyl Ether
Concen: 19.452 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

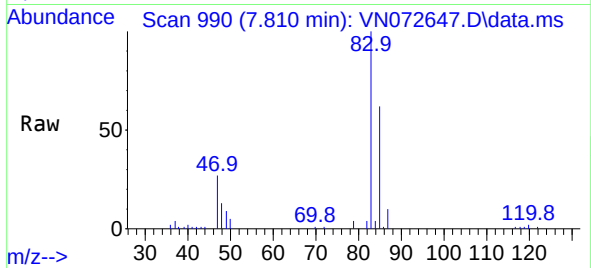
Tgt Ion: 73 Resp: 100800
Ion Ratio Lower Upper
73 100
43 22.5 18.1 27.1





#25
Chloroform
Concen: 20.692 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

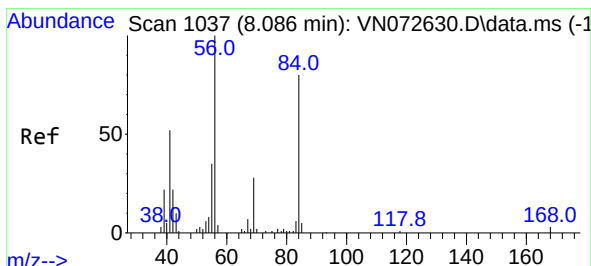
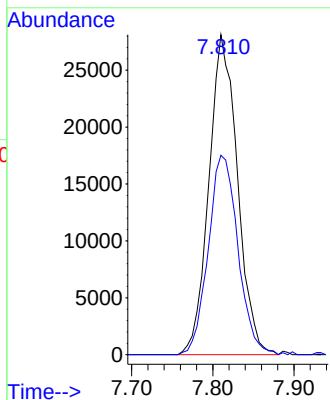
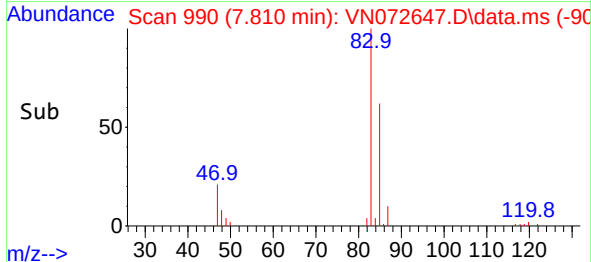
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



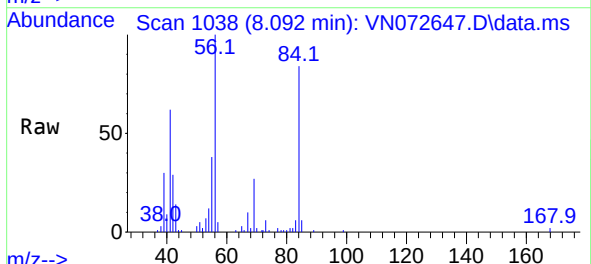
Tgt Ion: 83 Resp: 68759
Ion Ratio Lower Upper
83 100
85 62.3 51.3 76.9

Manual Integrations
APPROVED

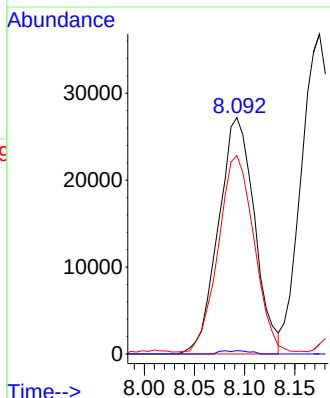
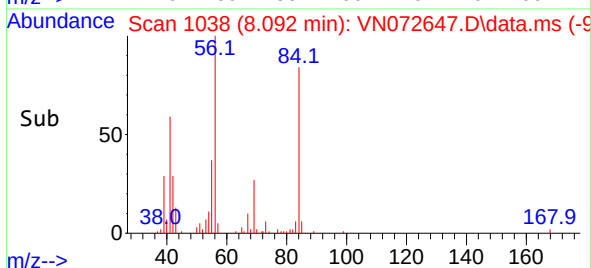
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

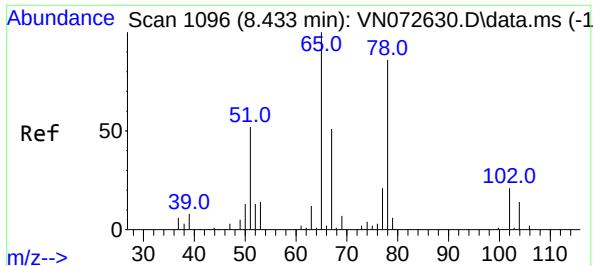


#26
Cyclohexane
Concen: 22.093 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion: 56 Resp: 68150
Ion Ratio Lower Upper
56 100
89 0.6 0.1 0.1#
84 84.1 74.6 111.8





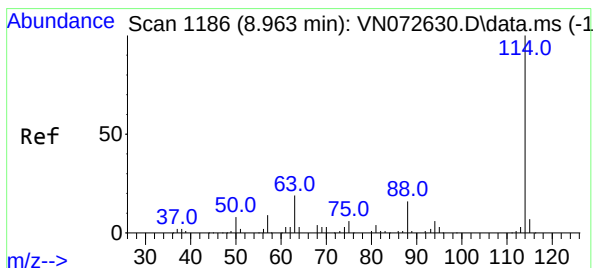
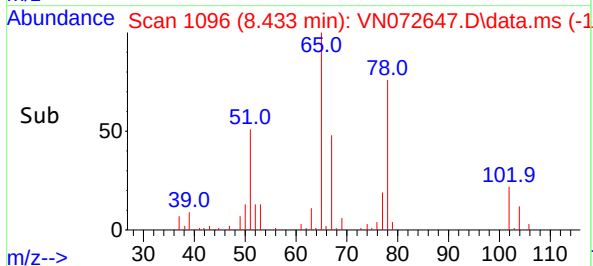
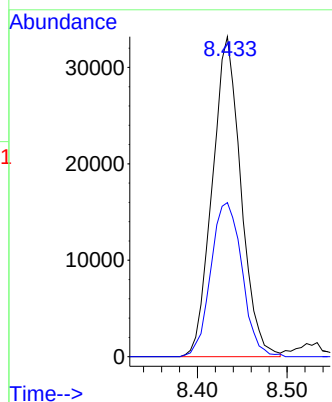
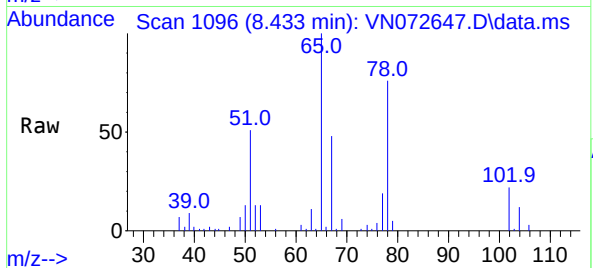
#27
1,2-Dichloroethane-d4
Concen: 34.249 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 7340
Ion Ratio Lower Upper
65 100
67 52.4 40.2 60.2

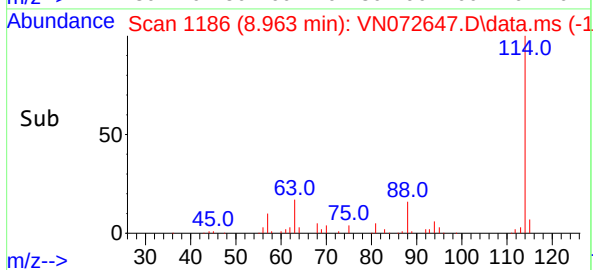
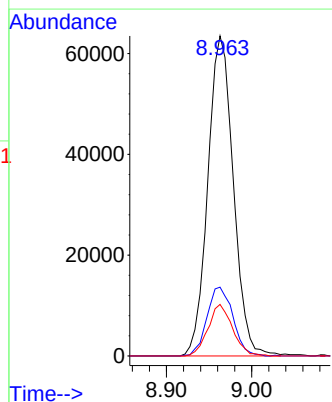
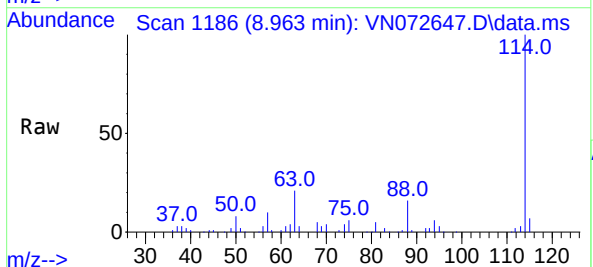
Manual Integrations
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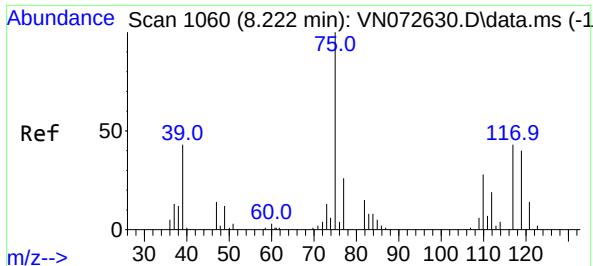
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion:114 Resp: 132146
Ion Ratio Lower Upper
114 100
63 21.8 15.8 23.6
88 15.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 21.824 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

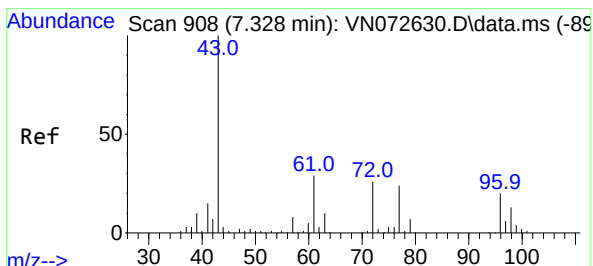
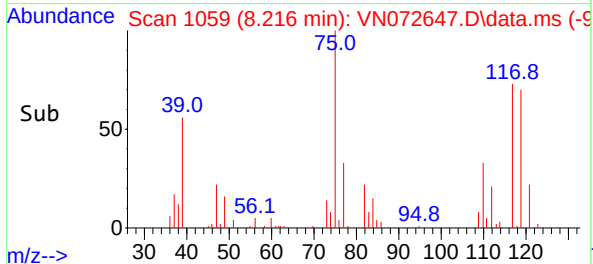
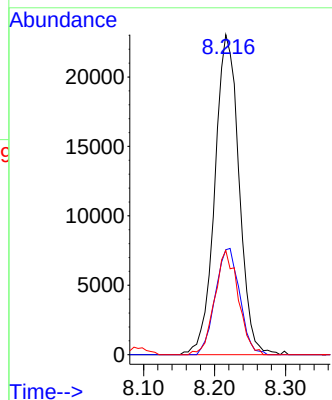
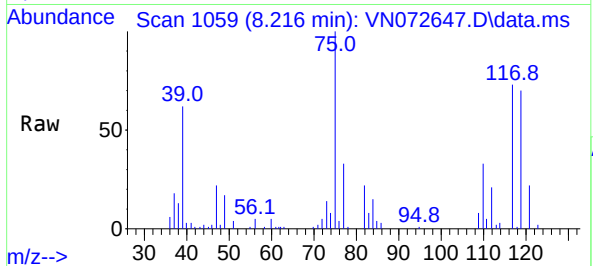
VSTDCCC020

Tgt Ion: 75 Resp: 5454
Ion Ratio Lower Upper
75 100
110 33.2 0.0 74.2
77 31.6 0.0 63.2

Manual Integrations

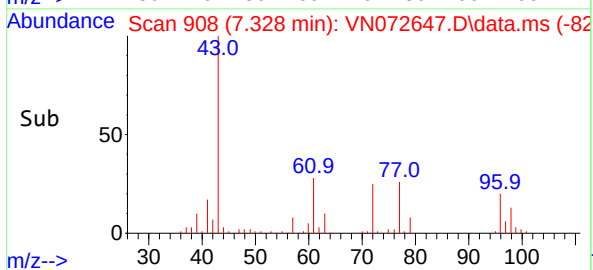
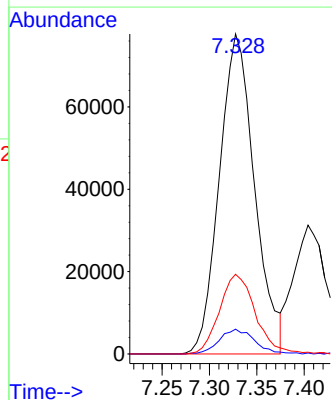
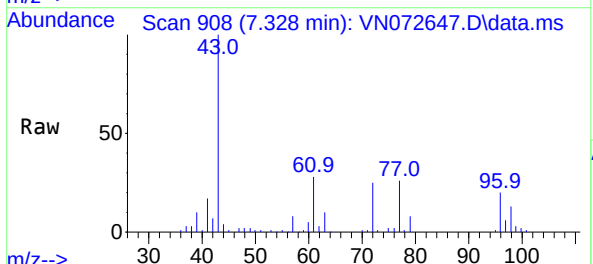
APPROVED

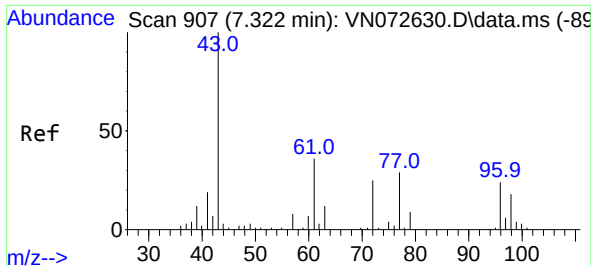
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#30
2-Butanone
Concen: 119.509 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

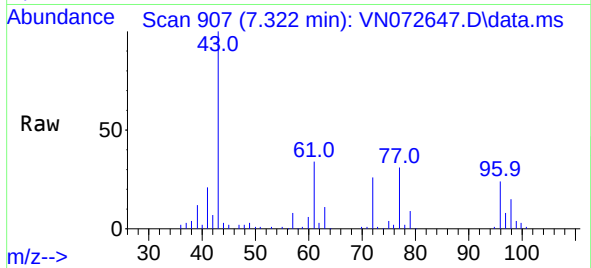
Tgt Ion: 43 Resp: 201116
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 25.4 23.2 34.8





#31
2,2-Dichloropropane
Concen: 23.938 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

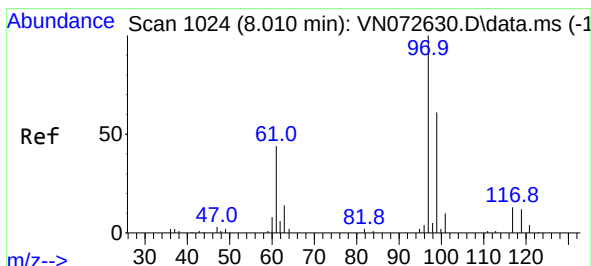
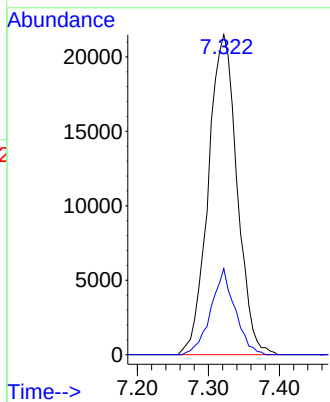
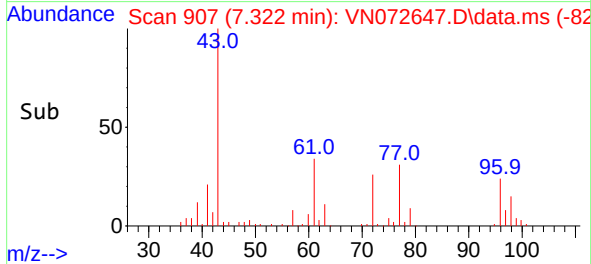
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



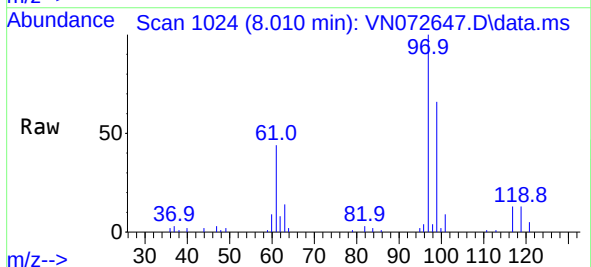
Tgt Ion: 77 Resp: 60589
Ion Ratio Lower Upper
77 100
97 22.6 18.3 27.5

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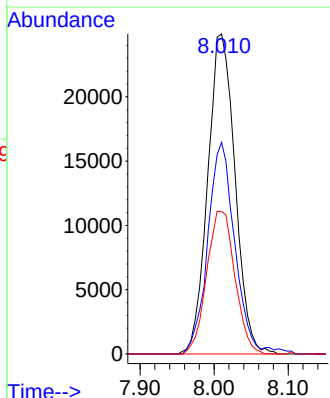
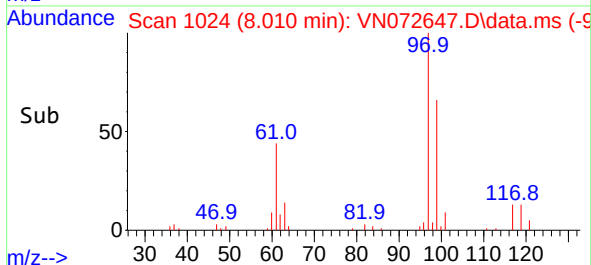
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

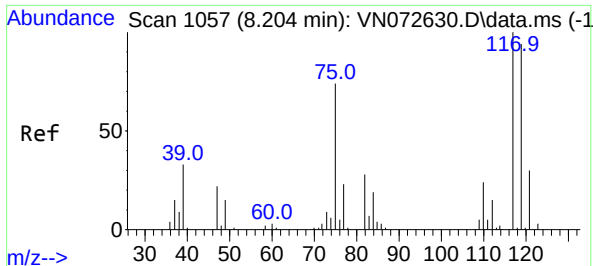


#32
1,1,1-Trichloroethane
Concen: 23.027 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



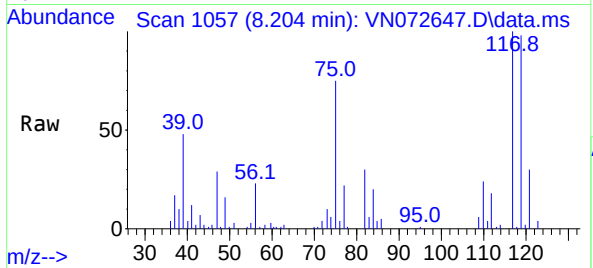
Tgt Ion: 97 Resp: 63841
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 46.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 22.566 ug/l
RT: 8.204 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

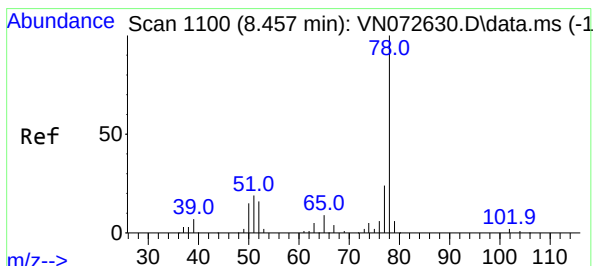
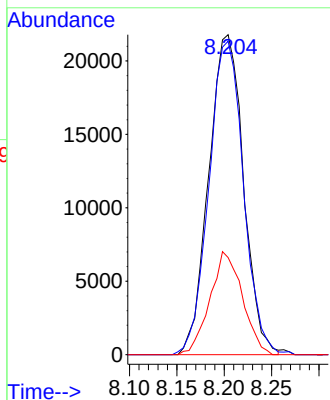
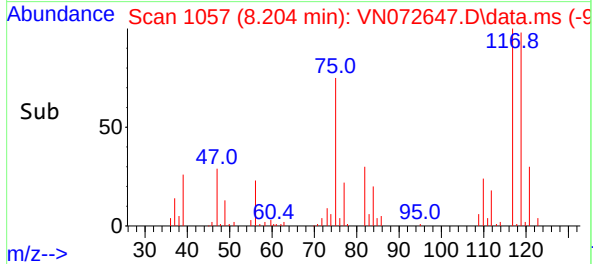
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



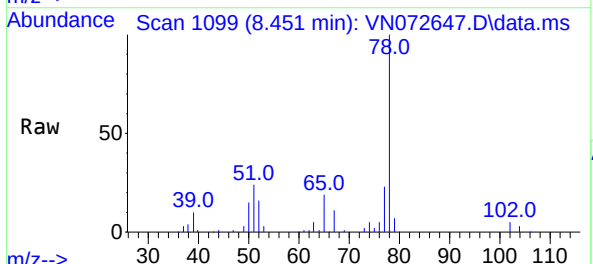
Tgt Ion:117 Resp: 55550
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3
121 30.4 23.5 35.3

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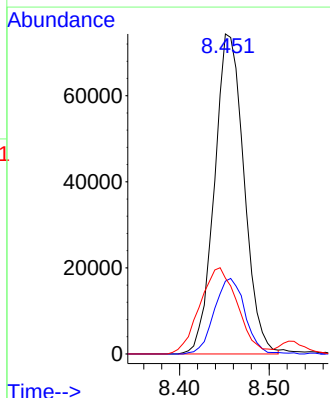
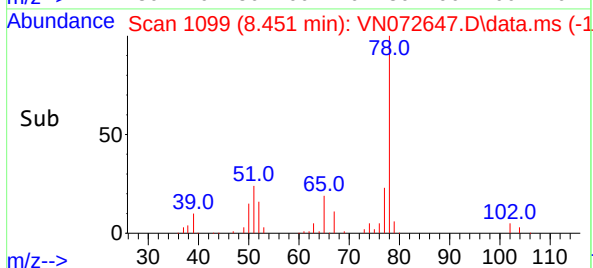
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

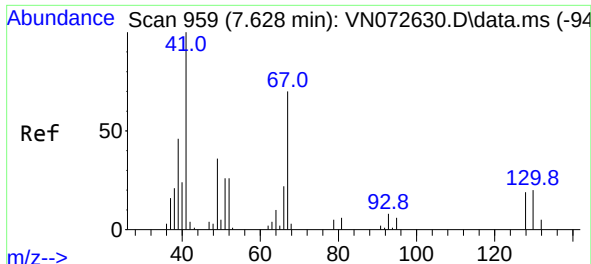


#34
Benzene
Concen: 21.662 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



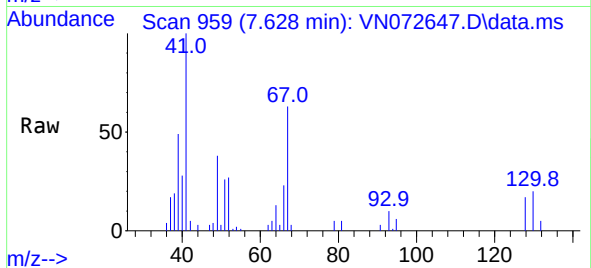
Tgt Ion: 78 Resp: 170177
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7
51 22.3 16.0 24.0





#35
Methacrylonitrile
Concen: 23.266 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

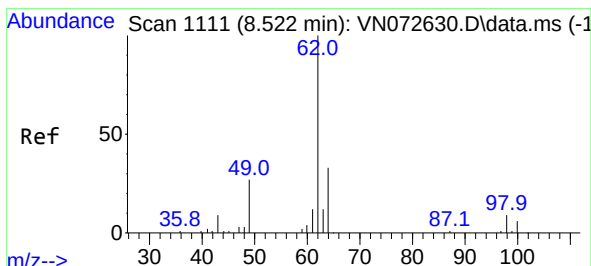
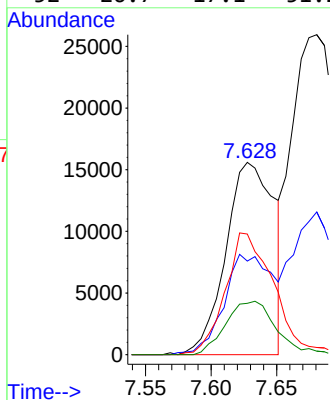
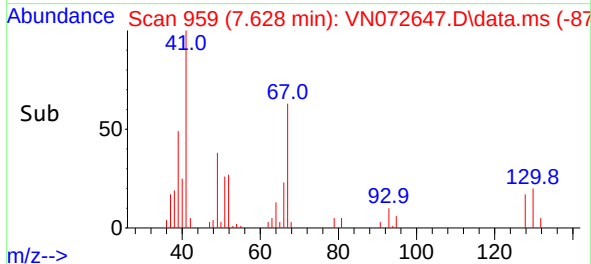
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



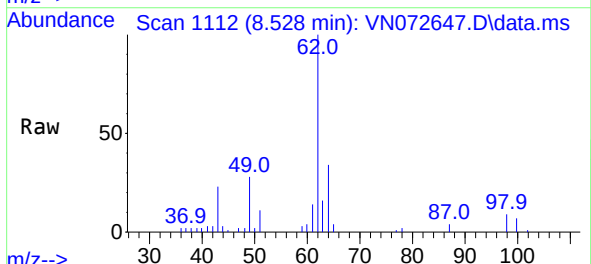
Tgt Ion: 41 Resp: 3993
Ion Ratio Lower Upper
41 100
39 47.6 28.0 83.9
67 62.7 37.7 113.1
52 26.7 17.1 51.2

Manual Integrations
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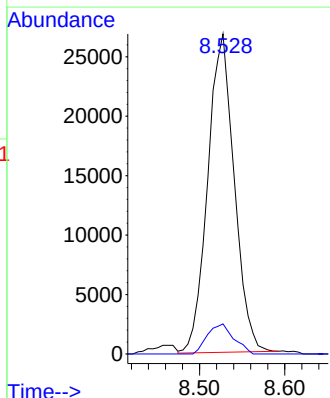
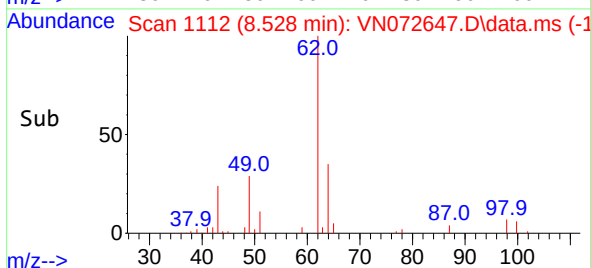
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

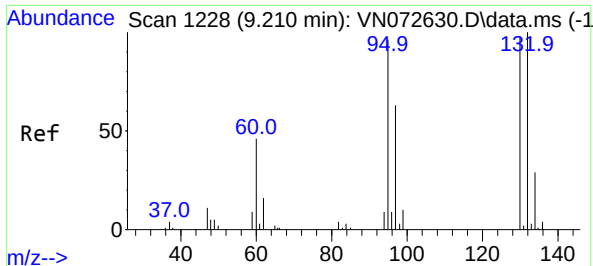


#36
1,2-Dichloroethane
Concen: 22.735 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



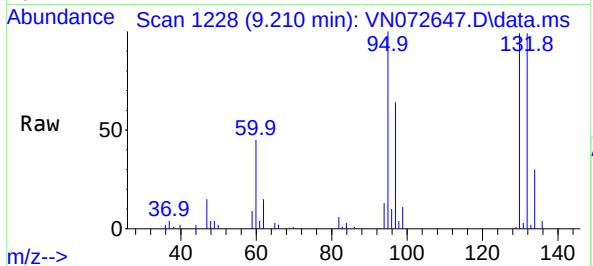
Tgt Ion: 62 Resp: 58036
Ion Ratio Lower Upper
62 100
98 9.4 6.6 10.0





#37
Trichloroethene
Concen: 19.712 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

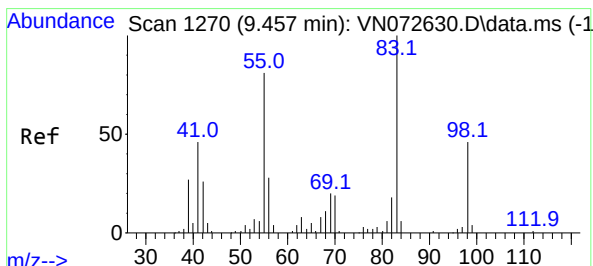
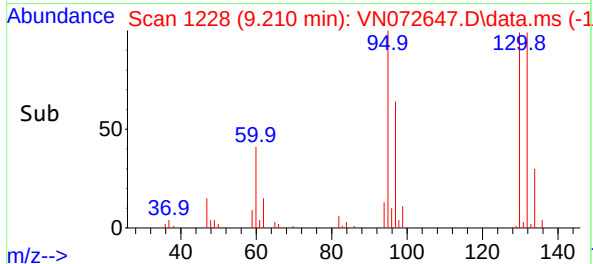
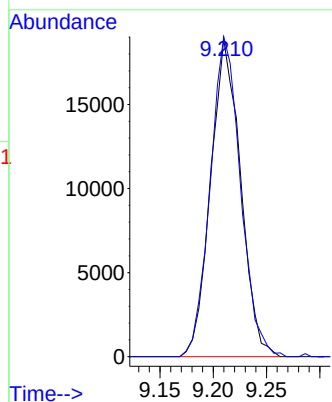
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 3685
Ion Ratio Lower Upper
130 100
95 100.8 76.6 115.0

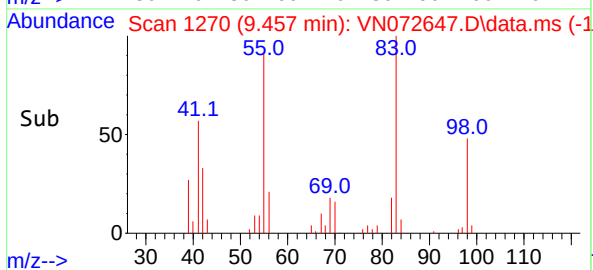
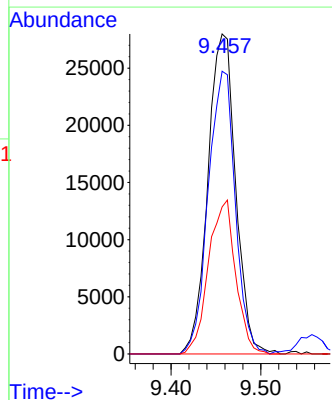
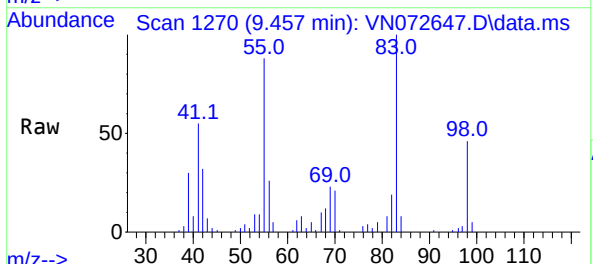
Manual Integrations
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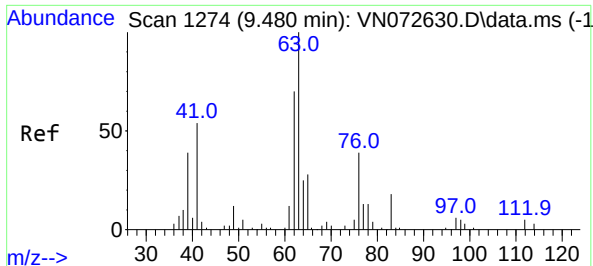
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#38
Methylcyclohexane
Concen: 19.490 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 83 Resp: 60160
Ion Ratio Lower Upper
83 100
55 86.0 35.1 105.3
98 47.0 23.4 70.2





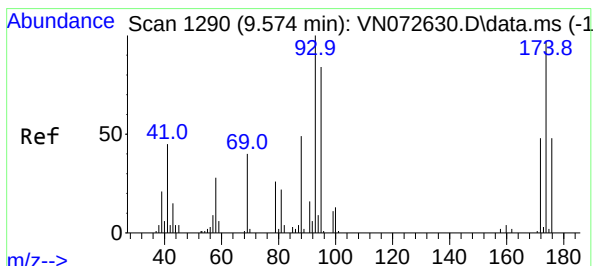
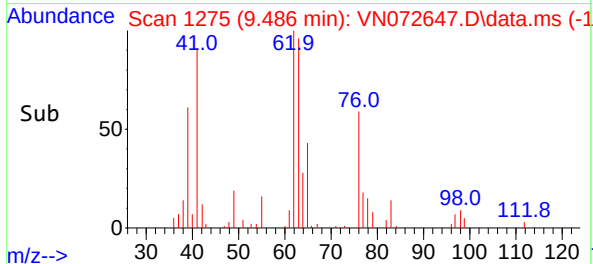
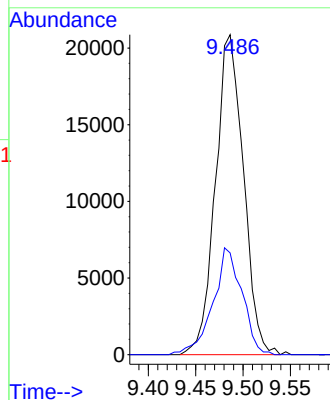
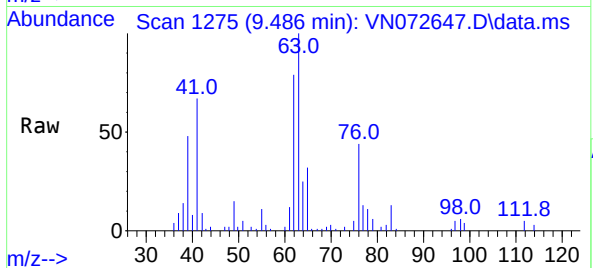
#39
1,2-Dichloropropane
Concen: 20.507 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 4296
Ion Ratio Lower Upper
63 100
65 31.8 24.2 36.4

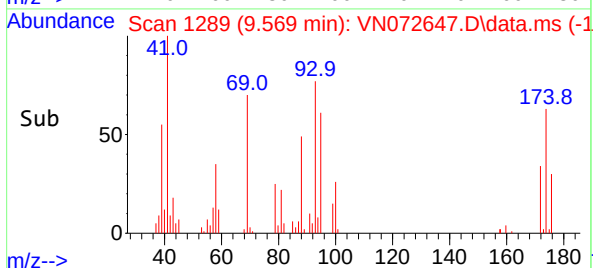
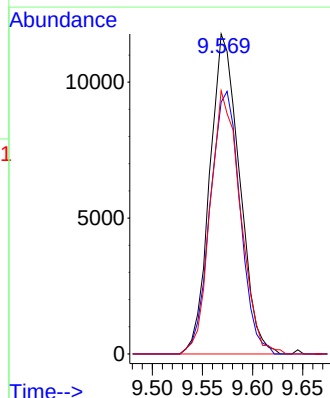
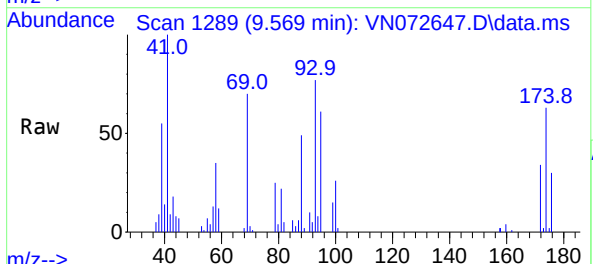
Manual Integrations
APPROVED

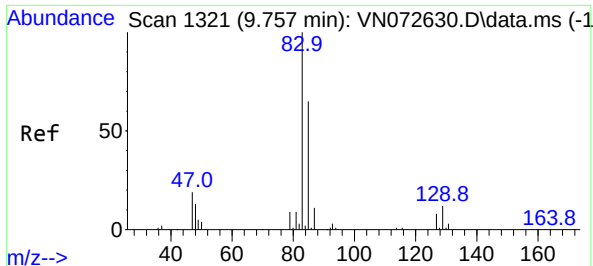
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#40
Dibromomethane
Concen: 18.246 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

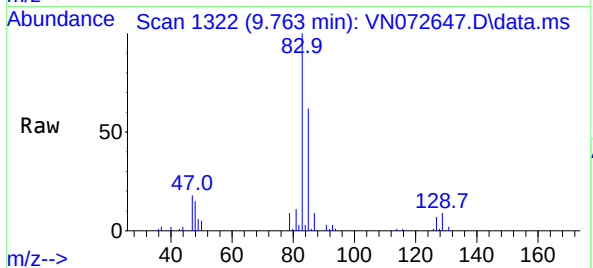
Tgt Ion: 93 Resp: 24239
Ion Ratio Lower Upper
93 100
95 82.8 0.0 168.8
174 83.0 0.0 173.6





#41
Bromodichloromethane
Concen: 18.860 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

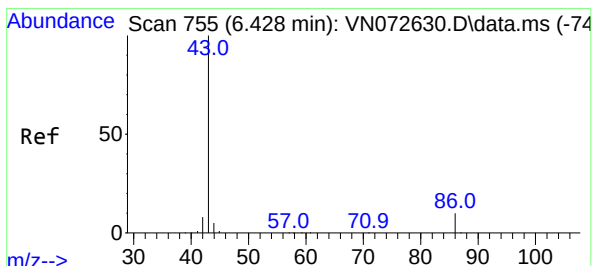
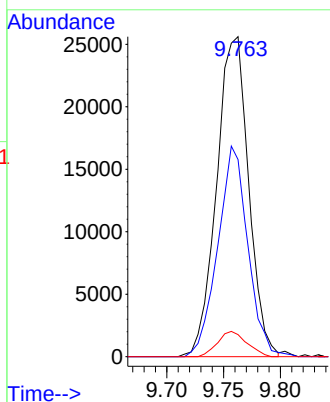
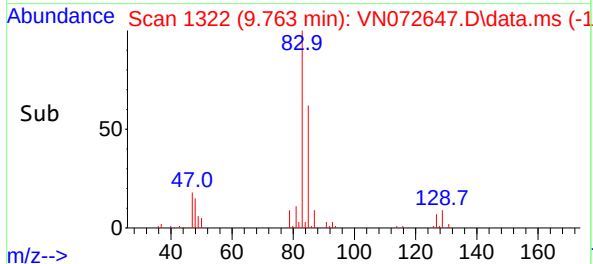
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



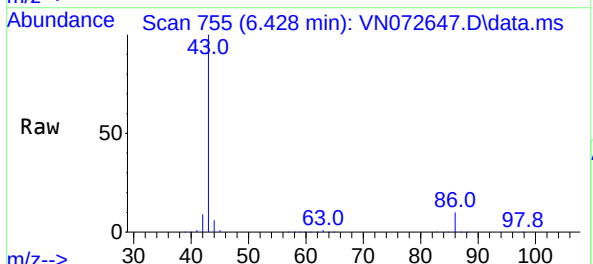
Tgt Ion: 83 Resp: 5022
Ion Ratio Lower Upper
83 100
85 61.6 54.1 81.1
127 6.9 7.6 11.4

Manual Integrations
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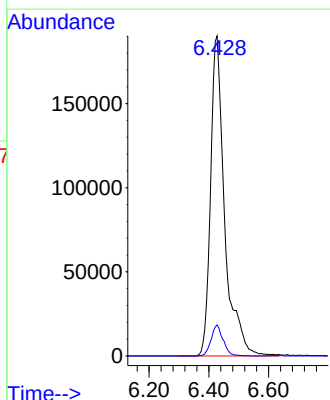
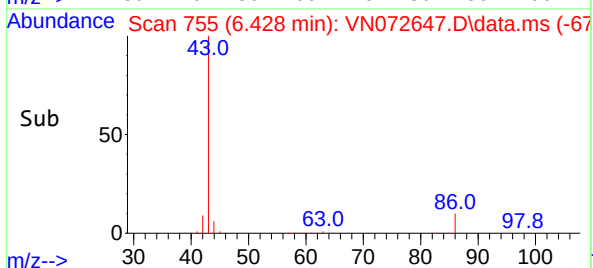
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

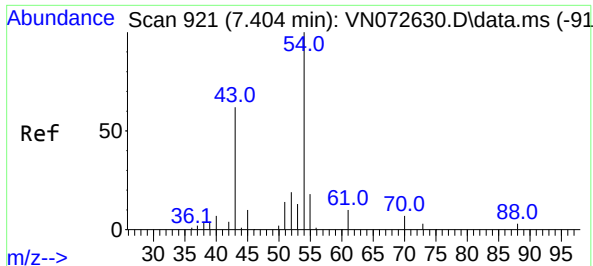


#42
Vinyl Acetate
Concen: 113.156 ug/l m
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion: 43 Resp: 621498
Ion Ratio Lower Upper
43 100
86 8.2 7.5 11.3





#43

Ethyl Acetate

Concen: 23.754 ug/l

RT: 7.404 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072647.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 7665

Ion Ratio Lower Upper

43 100

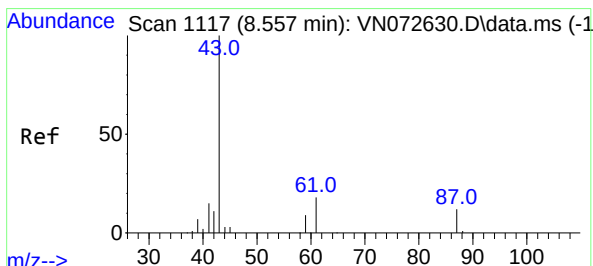
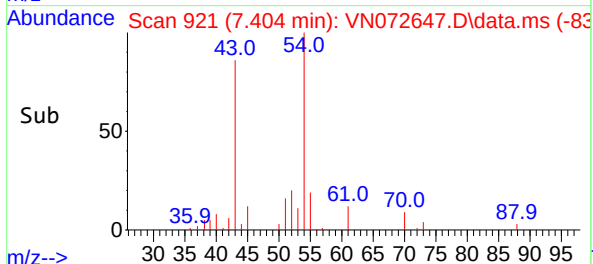
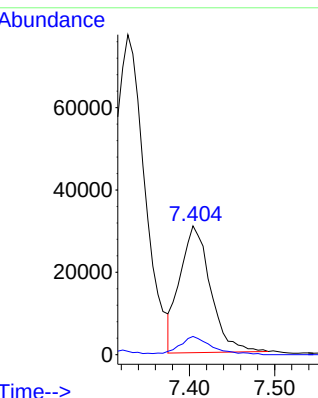
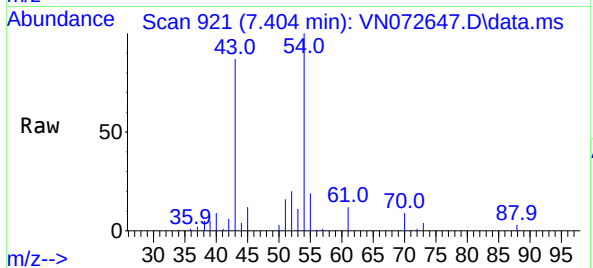
45 14.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#44

Isopropyl Acetate

Concen: 22.945 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072647.D

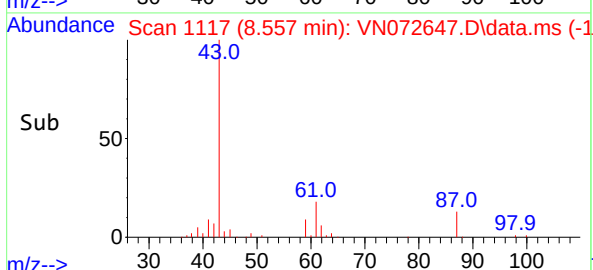
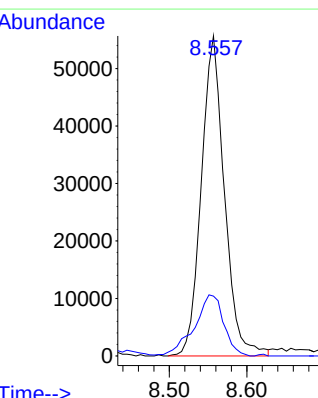
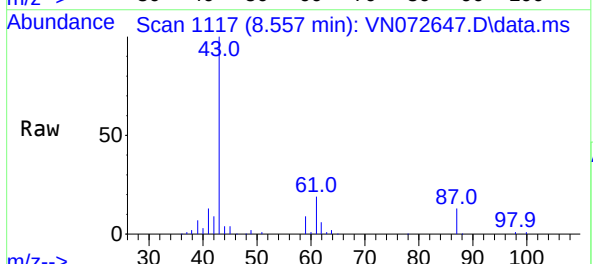
Acq: 31 May 2022 11:00

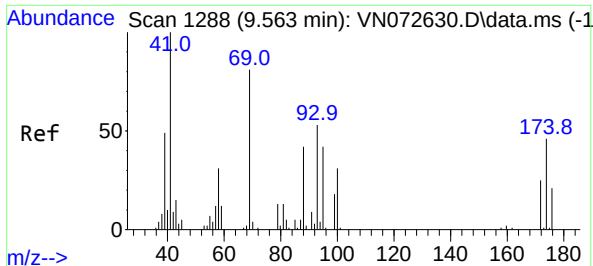
Tgt Ion: 43 Resp: 115375

Ion Ratio Lower Upper

43 100

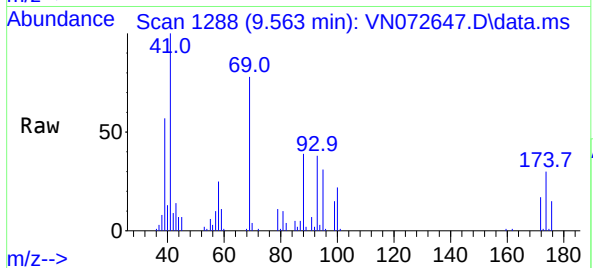
61 24.4 20.1 30.1





#45
1,4-Dioxane
Concen: 423.951 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

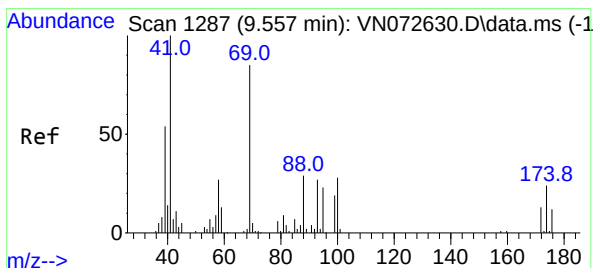
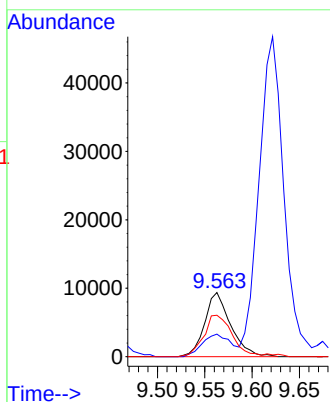
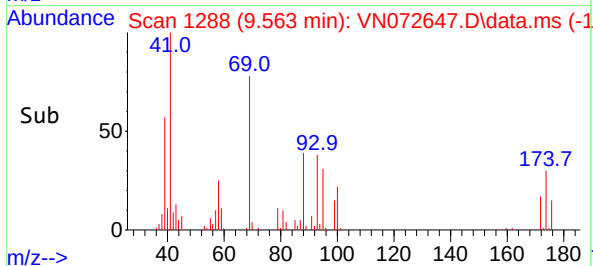
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



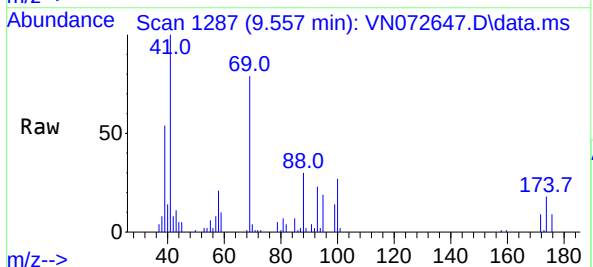
Tgt Ion: 88 Resp: 1787
Ion Ratio Lower Upper
88 100
43 39.1 25.0 37.6
58 70.3 49.4 74.2

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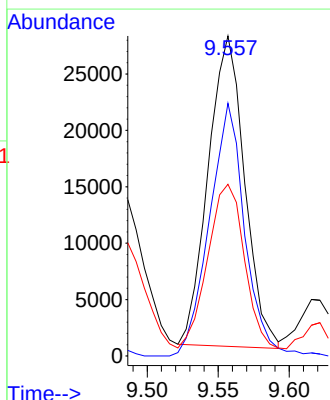
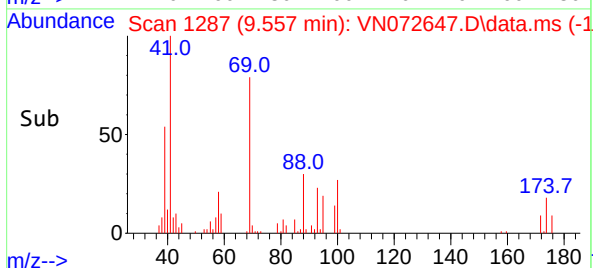
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

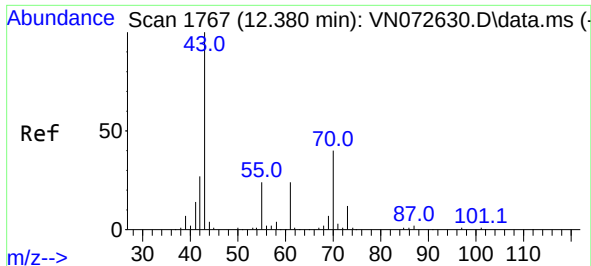


#46
Methyl methacrylate
Concen: 20.697 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion: 41 Resp: 49033
Ion Ratio Lower Upper
41 100
69 80.8 44.4 133.2
39 53.1 39.9 119.6





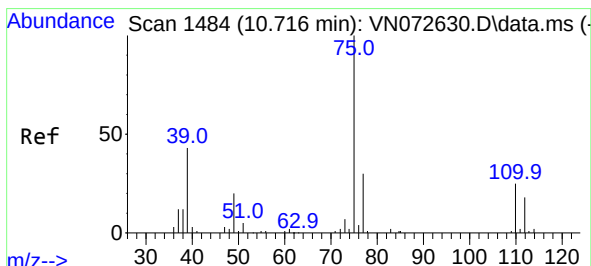
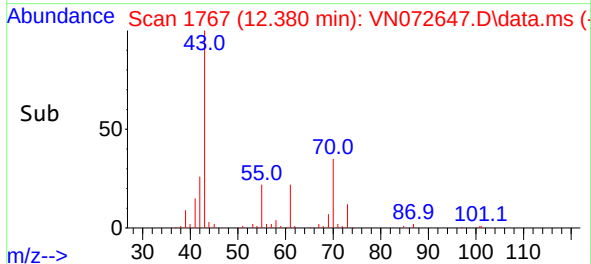
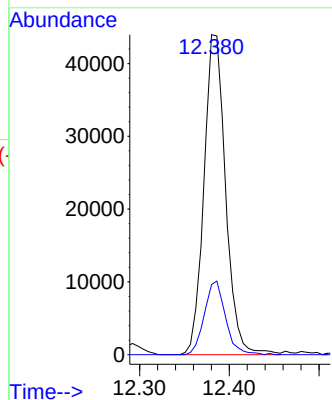
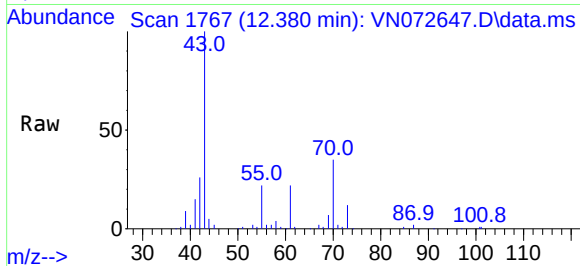
#47
n-amyl acetate
Concen: 20.185 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 7394
Ion Ratio Lower Upper
43 100
55 22.3 19.0 28.6

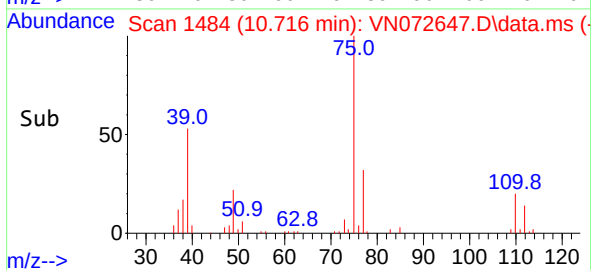
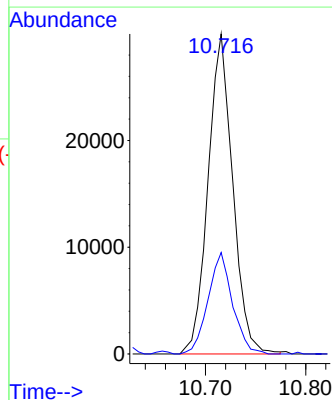
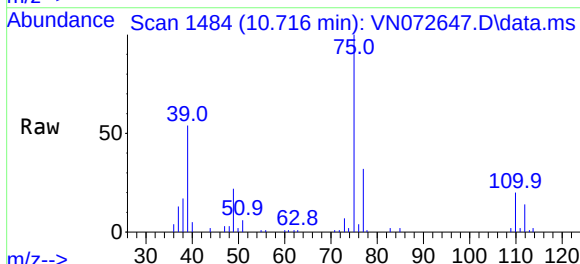
Manual Integrations
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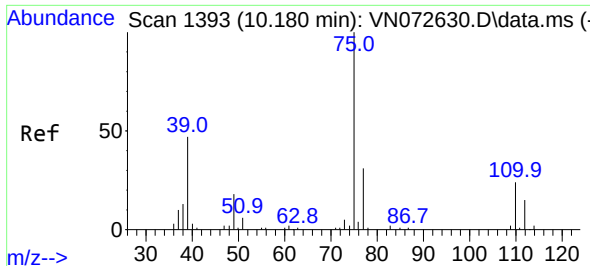
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#48
t-1,3-Dichloropropene
Concen: 17.794 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 75 Resp: 51180
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 17.881 ug/l

RT: 10.186 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VN072647.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 5666

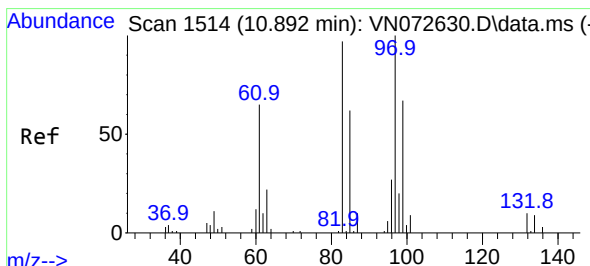
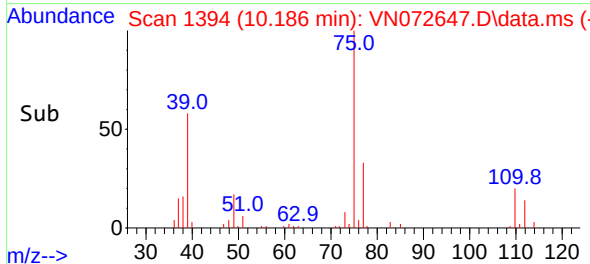
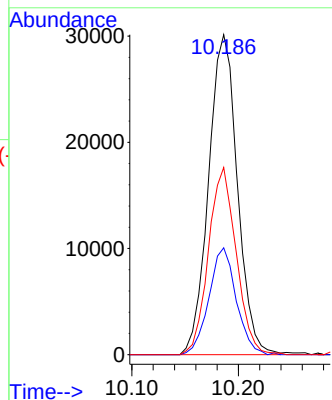
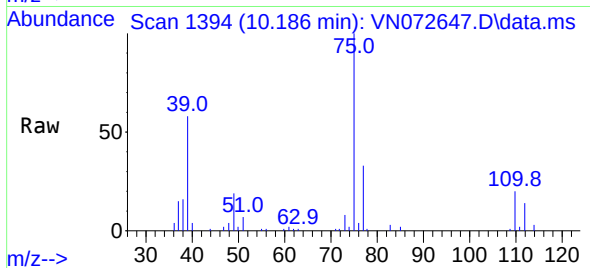
Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.3	37.9
39	58.5	46.2	69.4

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Supervised By :Mahesh Dadoda 06/01/2022



#50

1,1,2-Trichloroethane

Concen: 17.185 ug/l

RT: 10.892 min Scan# 1514

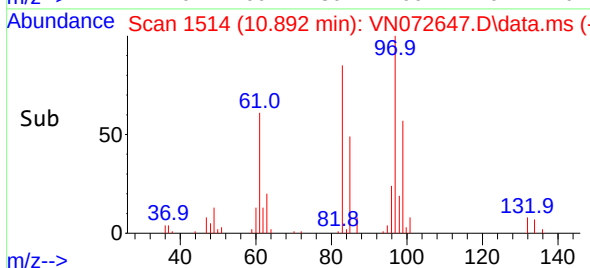
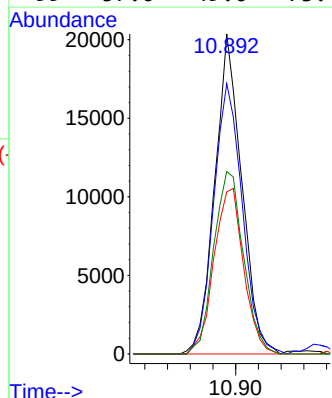
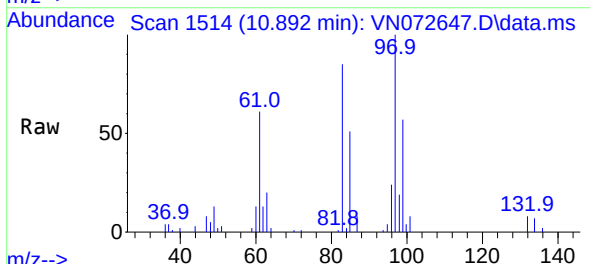
Delta R.T. 0.000 min

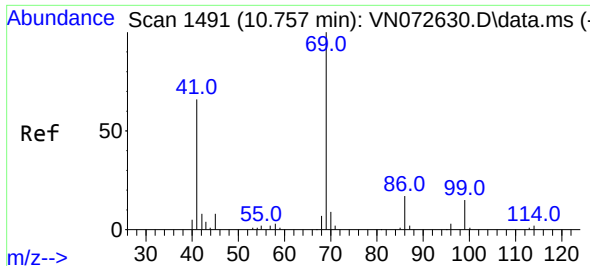
Lab File: VN072647.D

Acq: 31 May 2022 11:00

Tgt Ion: 97 Resp: 33560

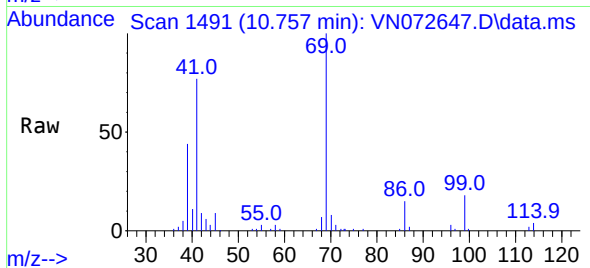
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.2	100.8
85	50.6	43.0	64.4
99	57.0	49.0	73.4





#51
Ethyl methacrylate
Concen: 16.873 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

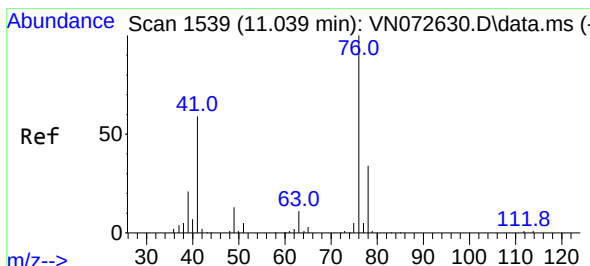
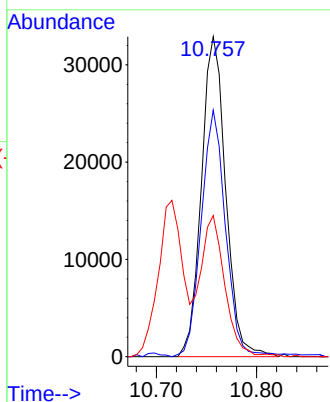
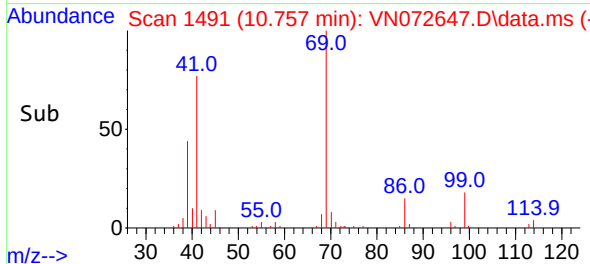
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



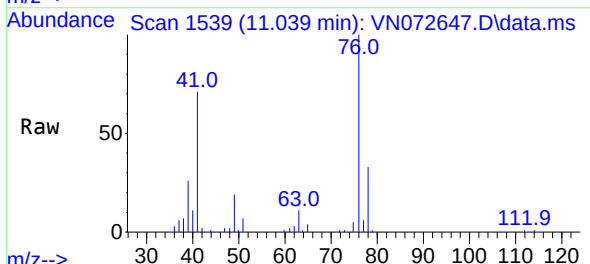
Tgt Ion: 69 Resp: 5555
Ion Ratio Lower Upper
69 100
41 76.4 33.0 98.9
39 43.5 25.4 76.4

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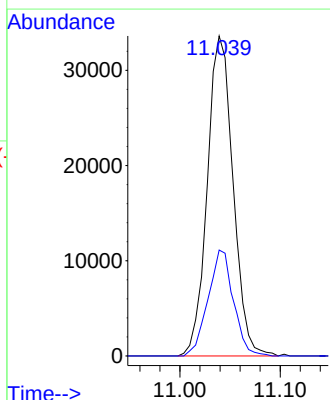
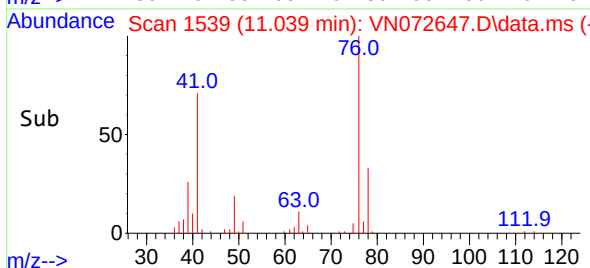
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

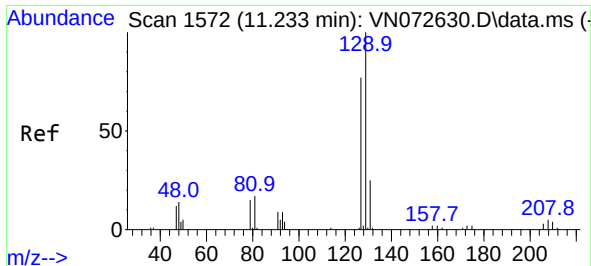


#52
1,3-Dichloropropane
Concen: 17.467 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



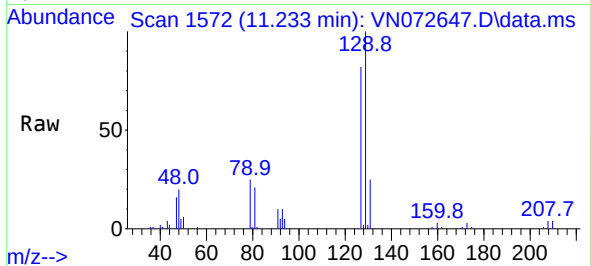
Tgt Ion: 76 Resp: 60152
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





#53
Dibromochloromethane
Concen: 16.806 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

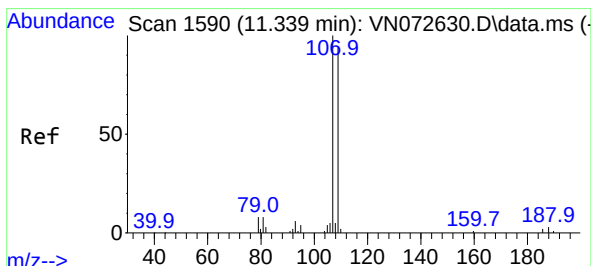
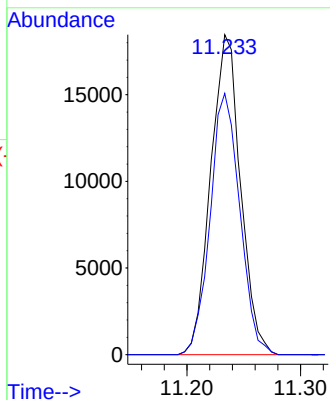
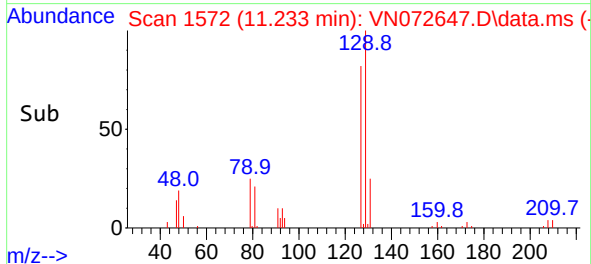
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



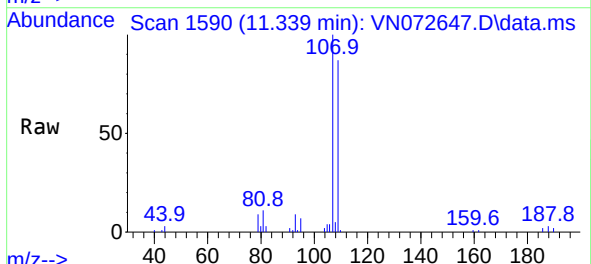
Tgt Ion:129 Resp: 3374
Ion Ratio Lower Upper
129 100
127 81.1 39.0 117.0

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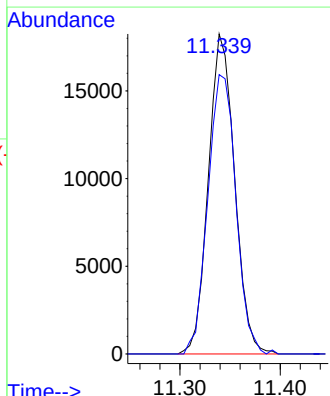
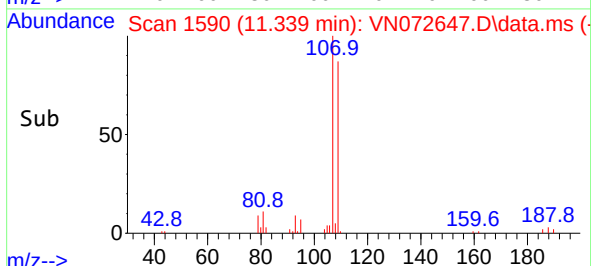
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

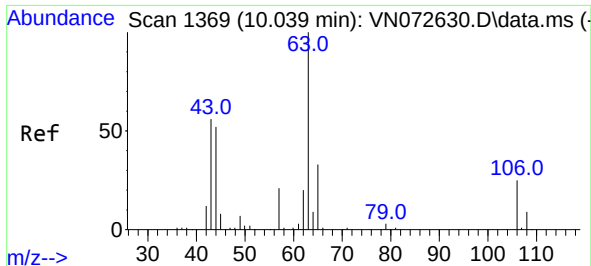


#54
1,2-Dibromoethane
Concen: 16.583 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion:107 Resp: 33254
Ion Ratio Lower Upper
107 100
109 93.0 72.8 109.2





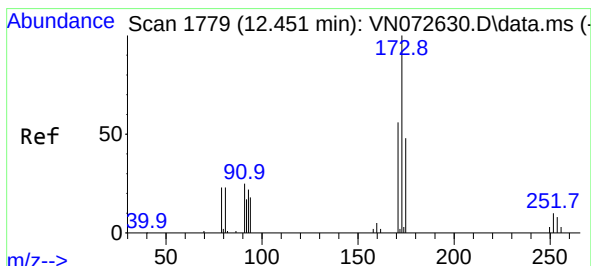
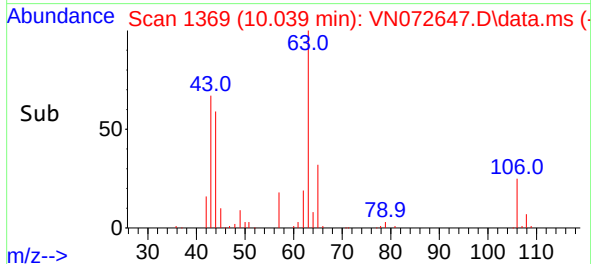
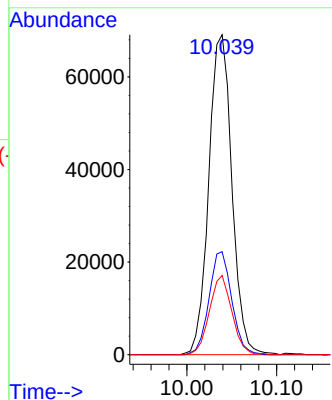
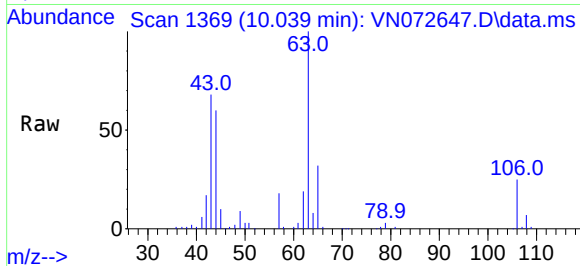
#55
2-Chloroethyl vinyl ether
Concen: 85.905 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 12373
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.0
106 23.9 23.2 34.8

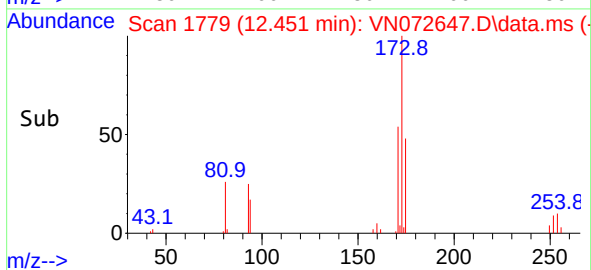
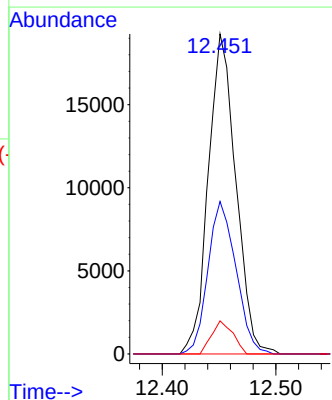
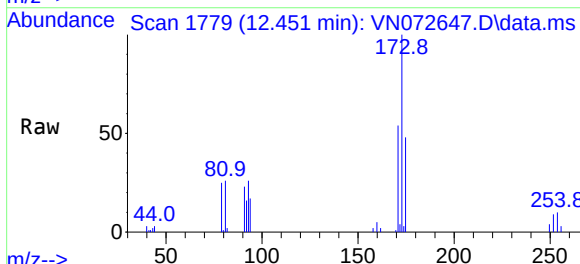
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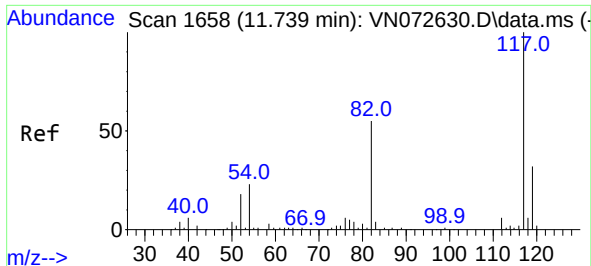
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#56
Bromoform
Concen: 22.362 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion:173 Resp: 32413
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 8.0 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

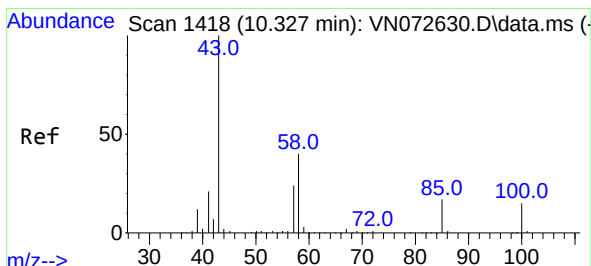
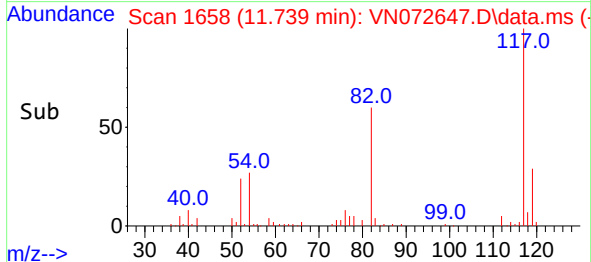
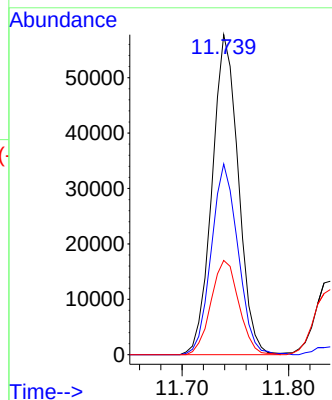
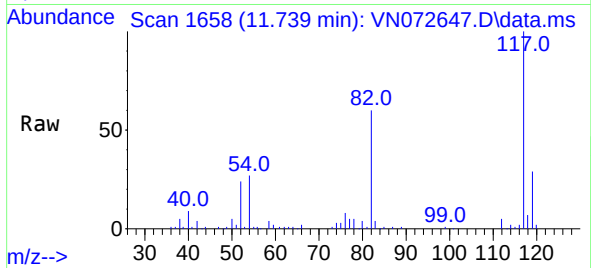
VSTDCCC020

Tgt Ion:117 Resp: 98898
Ion Ratio Lower Upper
117 100
82 60.4 43.6 65.4
119 31.2 25.8 38.6

Manual Integrations

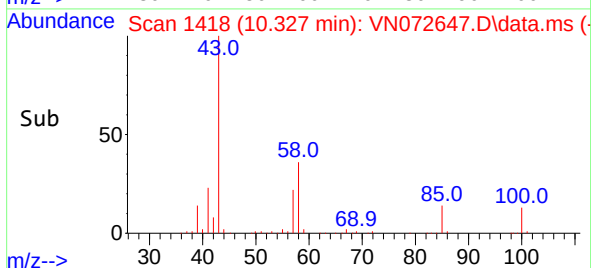
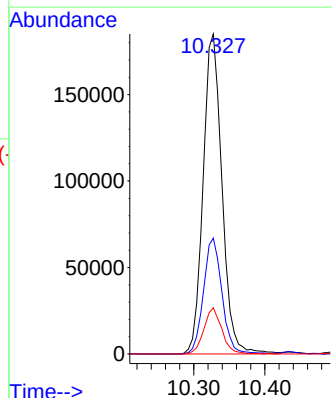
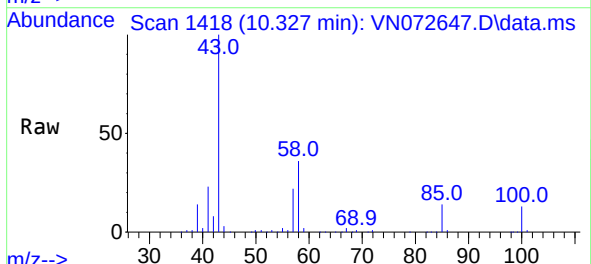
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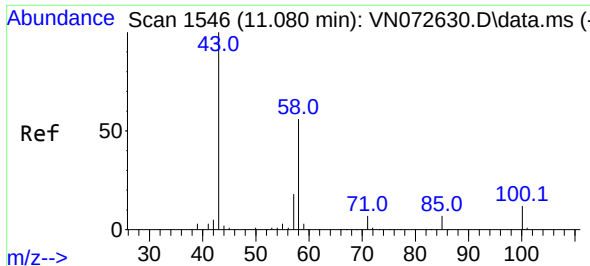
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#58
4-Methyl-2-Pentanone
Concen: 119.767 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

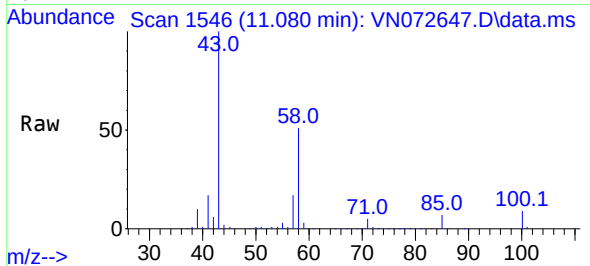
Tgt Ion: 43 Resp: 342133
Ion Ratio Lower Upper
43 100
58 35.5 30.0 45.0
85 13.6 15.0 22.6#





#59
2-Hexanone
Concen: 125.349 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

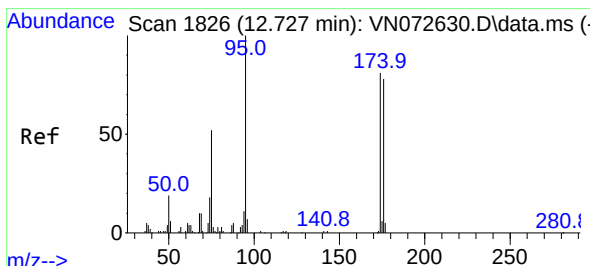
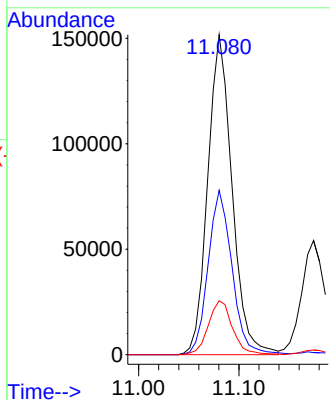
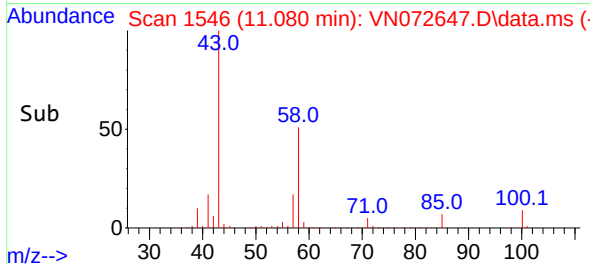
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



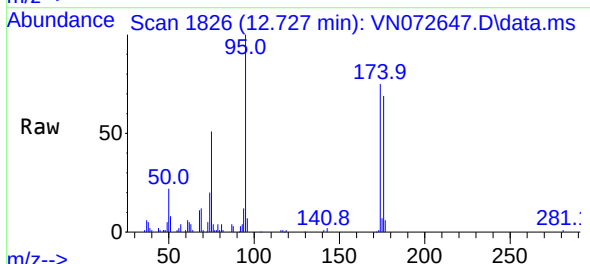
Tgt Ion: 43 Resp: 255372
Ion Ratio Lower Upper
43 100
58 50.5 42.2 63.2
57 16.8 15.0 22.4

Manual Integrations
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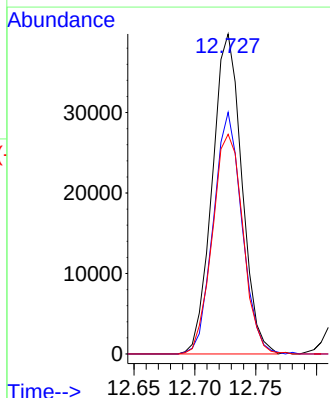
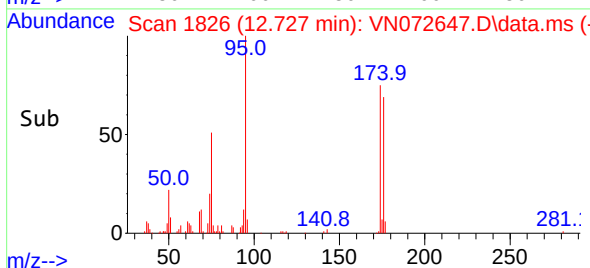
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

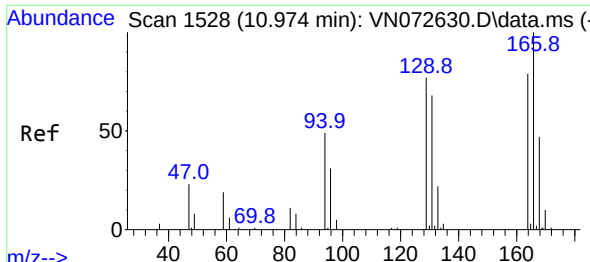


#60
4-Bromofluorobenzene
Concen: 38.609 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



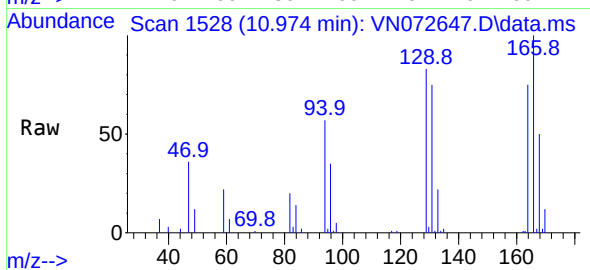
Tgt Ion: 95 Resp: 67058
Ion Ratio Lower Upper
95 100
174 73.2 62.9 94.3
176 71.2 61.0 91.4





#61
Tetrachloroethene
Concen: 18.658 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

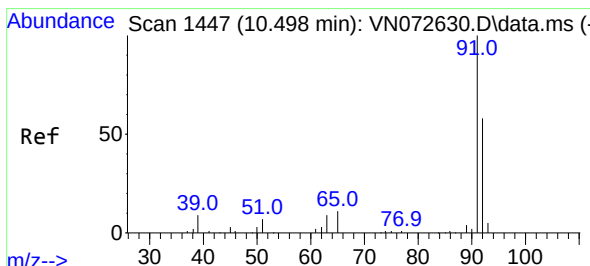
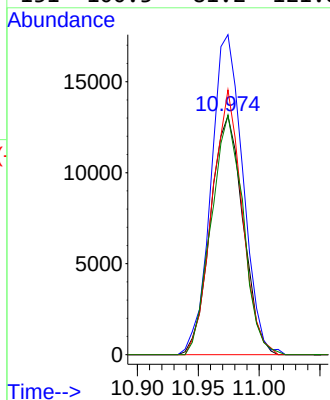
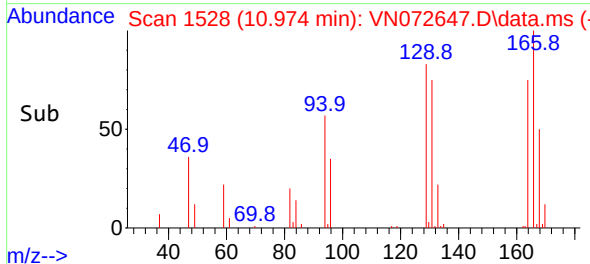
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



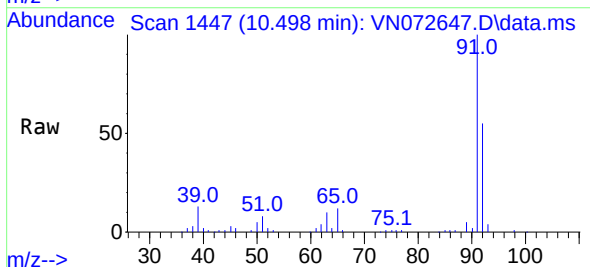
Tgt Ion:164 Resp: 2442
Ion Ratio Lower Upper
164 100
166 133.9 105.8 158.8
129 110.8 82.5 123.7
131 100.3 81.2 121.8

Manual Integrations
APPROVED

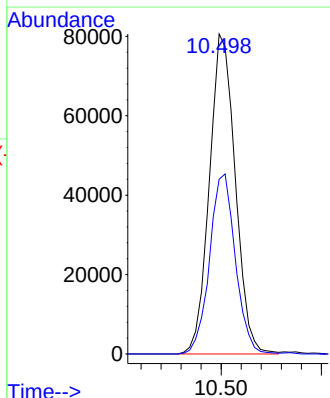
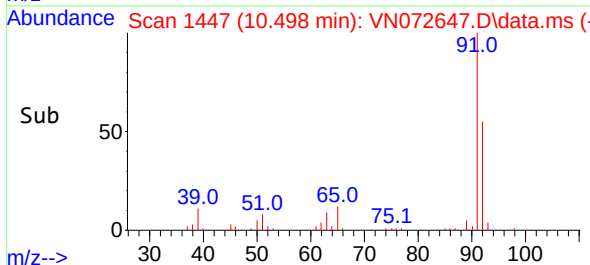
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

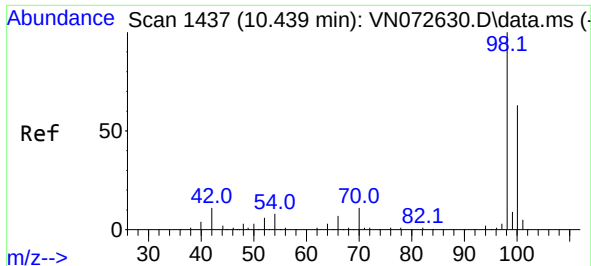


#62
Toluene
Concen: 20.788 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion: 91 Resp: 144326
Ion Ratio Lower Upper
91 100
92 55.9 44.6 67.0





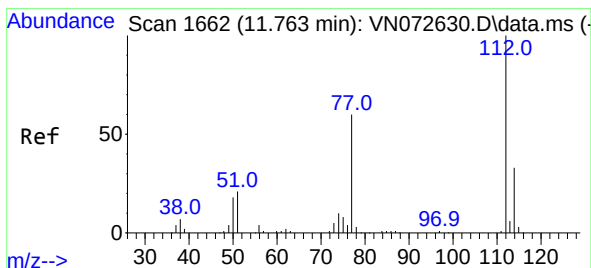
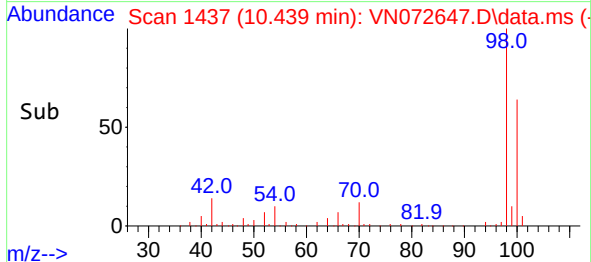
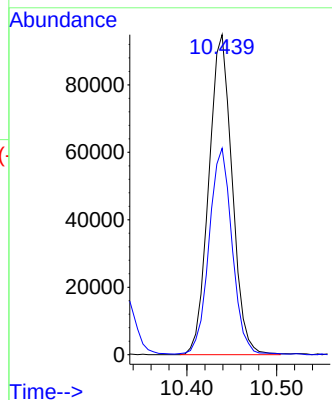
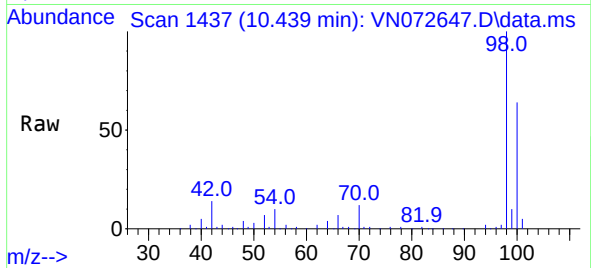
#63
Toluene-d8
Concen: 30.475 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 171372
Ion Ratio Lower Upper
98 100
100 63.0 50.6 76.0

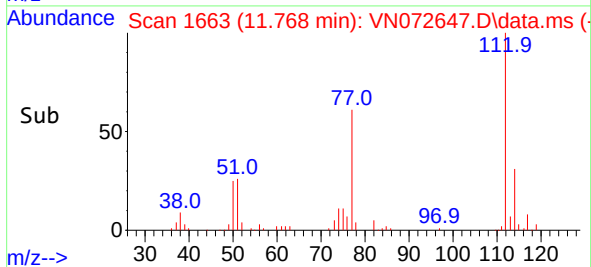
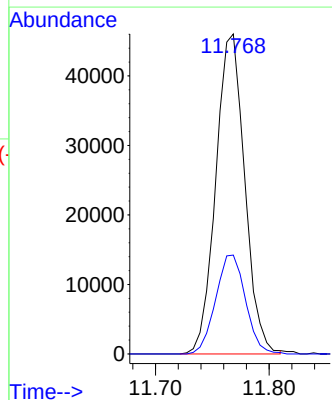
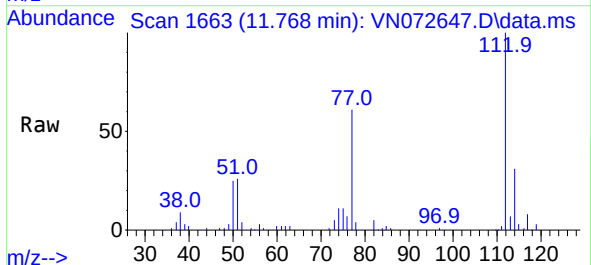
Manual Integrations
APPROVED

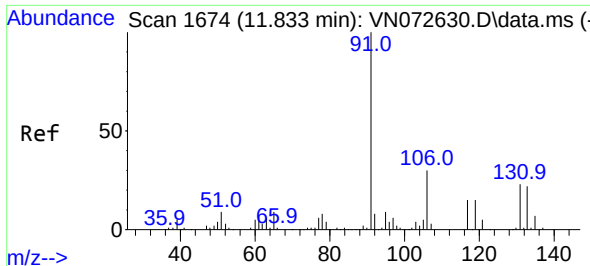
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#64
Chlorobenzene
Concen: 20.180 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion:112 Resp: 81414
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6





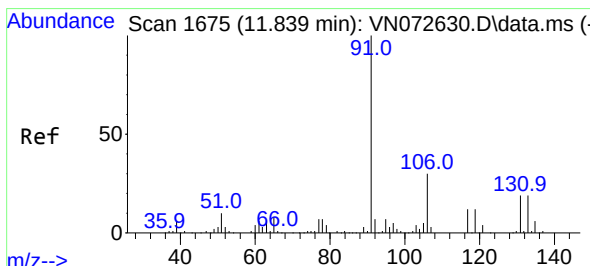
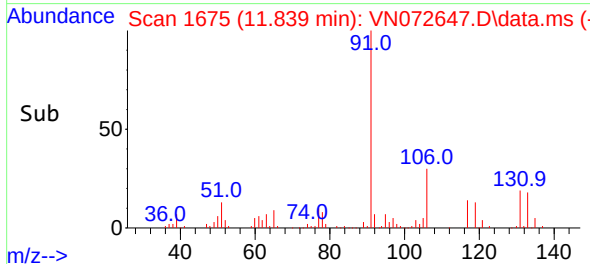
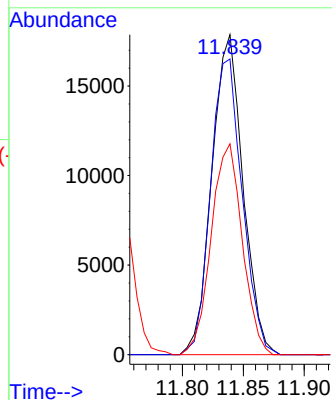
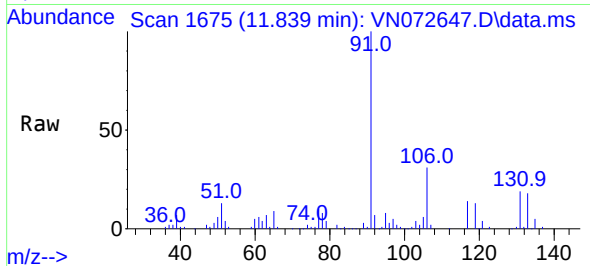
#65
1,1,1,2-Tetrachloroethane
Concen: 20.036 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 31830
Ion Ratio Lower Upper
131 100
133 93.7 0.0 191.2
119 65.7 0.0 128.8

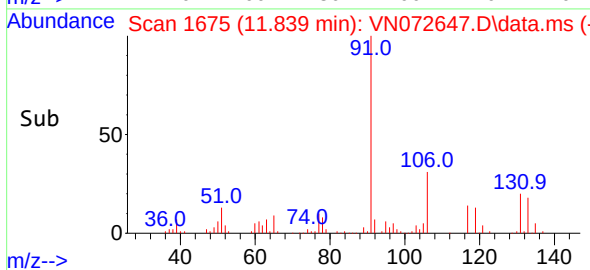
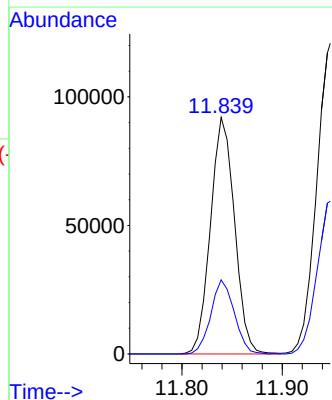
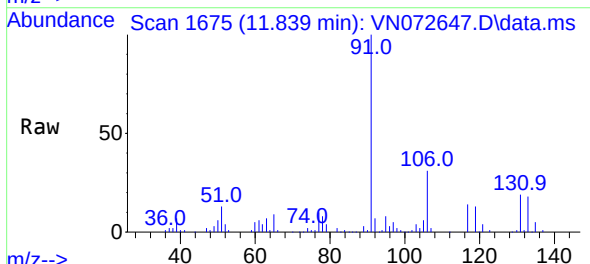
Manual Integrations
APPROVED

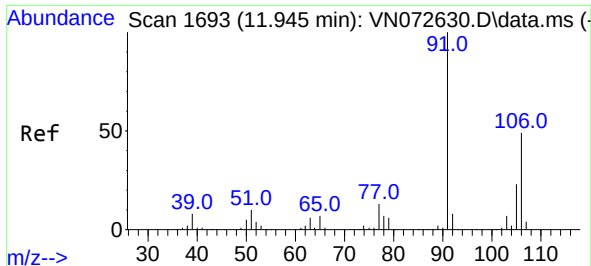
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#66
Ethyl Benzene
Concen: 20.056 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 91 Resp: 153606
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0





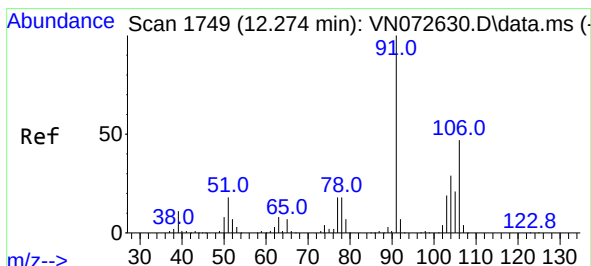
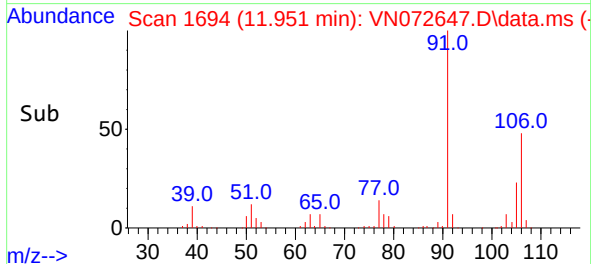
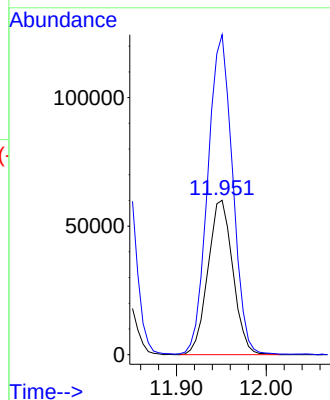
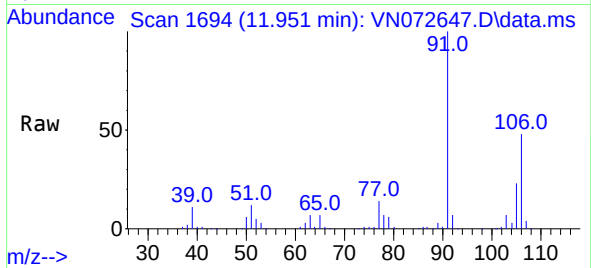
#67
m/p-Xylenes
Concen: 41.695 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 11606
Ion Ratio Lower Upper
106 100
91 206.6 162.9 244.3

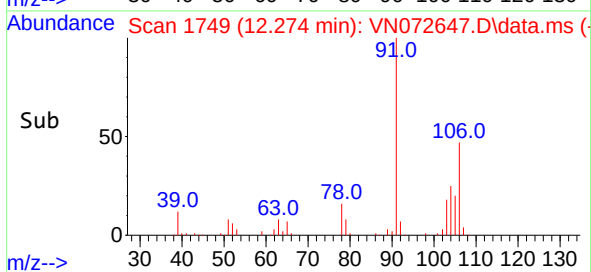
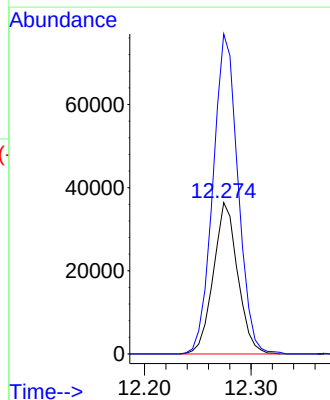
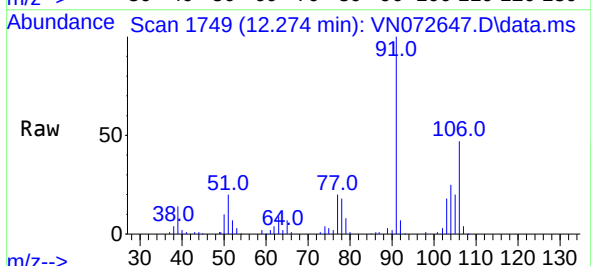
Manual Integrations
APPROVED

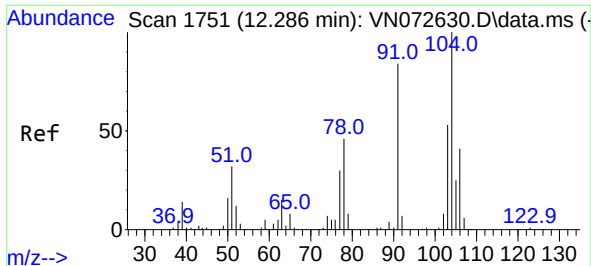
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#68
o-Xylene
Concen: 20.922 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion:106 Resp: 57944
Ion Ratio Lower Upper
106 100
91 216.7 107.7 323.1





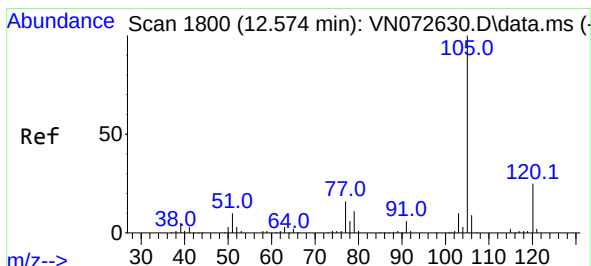
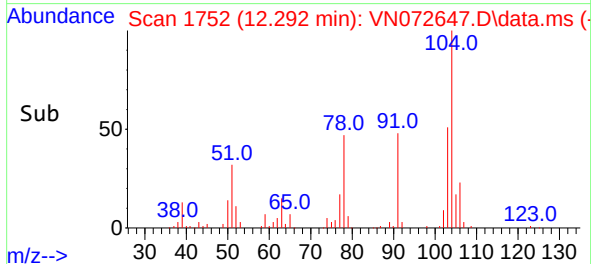
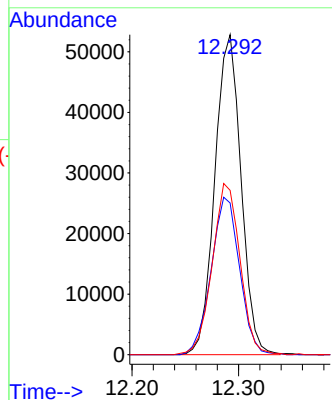
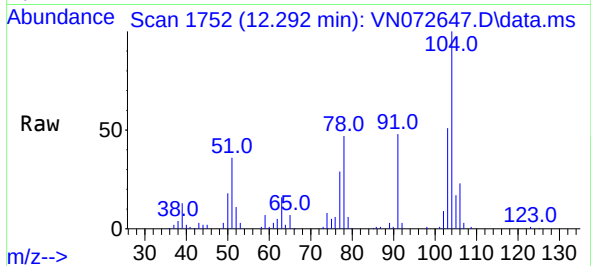
#69
Styrene
Concen: 20.557 ug/l
RT: 12.292 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 9020
Ion Ratio Lower Upper
104 100
78 53.4 40.7 61.1
103 56.7 45.8 68.8

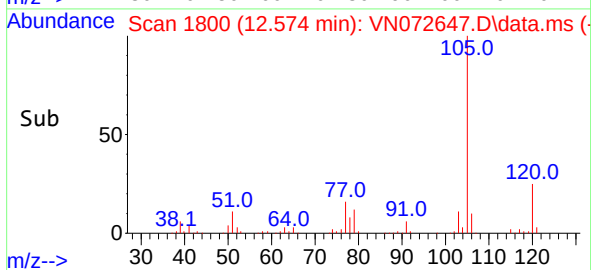
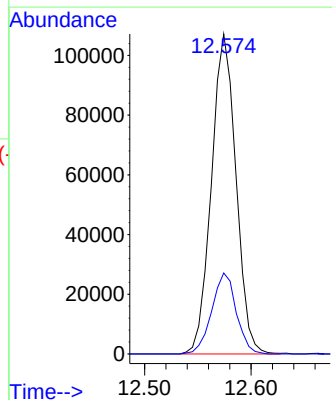
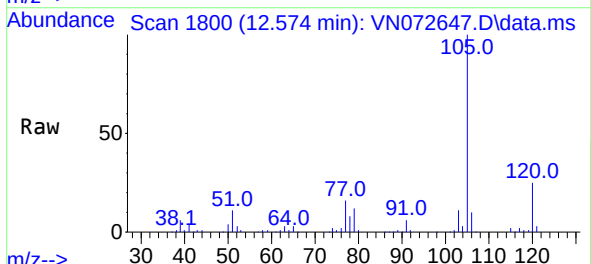
Manual Integrations
APPROVED

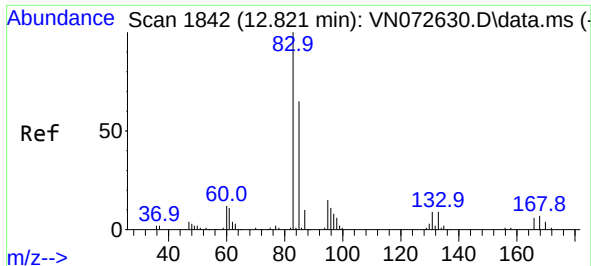
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#70
Isopropylbenzene
Concen: 24.222 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

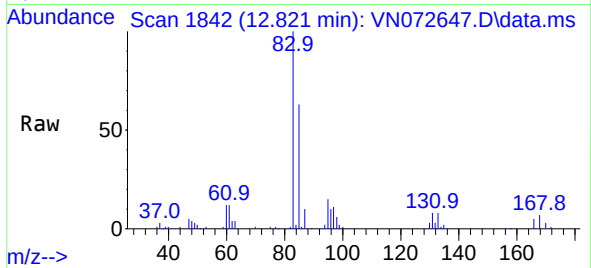
Tgt Ion:105 Resp: 171388
Ion Ratio Lower Upper
105 100
120 25.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 27.904 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

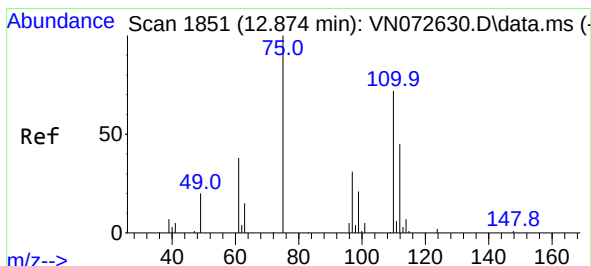
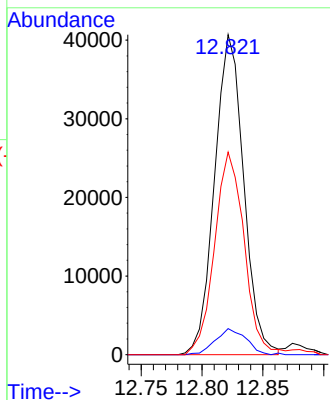
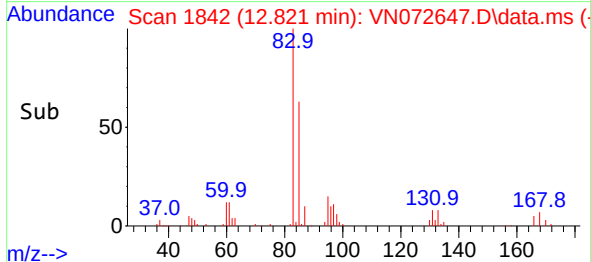
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



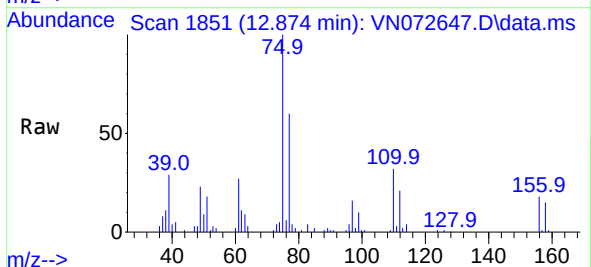
Tgt Ion: 83 Resp: 67784
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.3
85 64.3 33.1 99.2

Manual Integrations
APPROVED

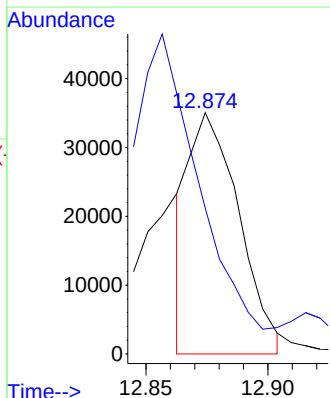
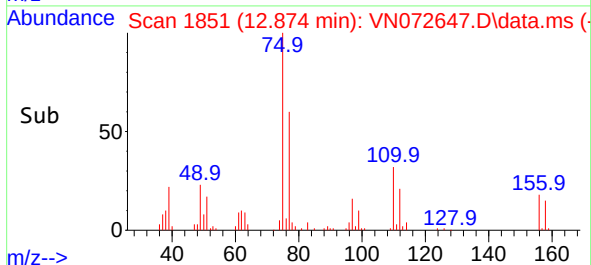
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

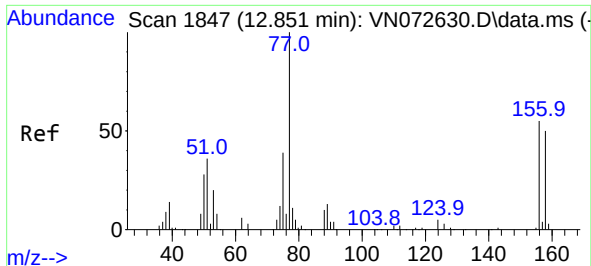


#72
1,2,3-Trichloropropane
Concen: 24.537 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion: 75 Resp: 50298
Ion Ratio Lower Upper
75 100
77 187.0 0.0 378.0





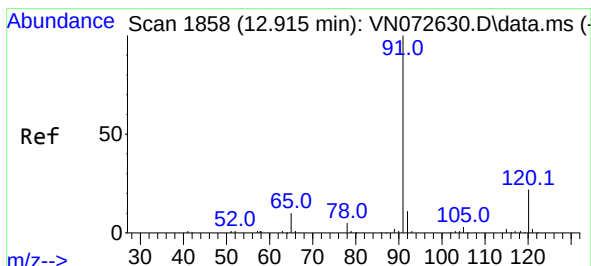
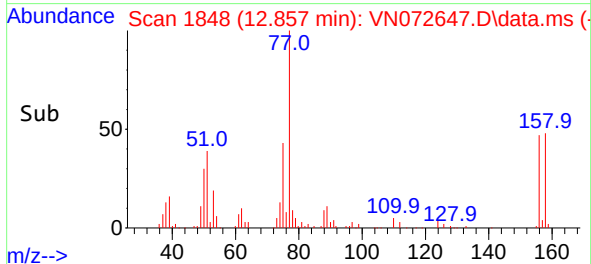
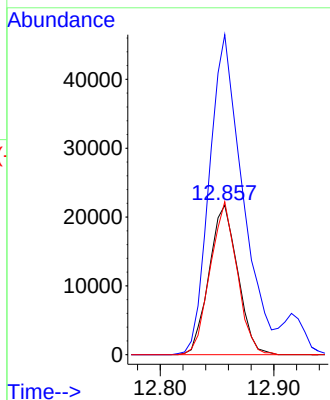
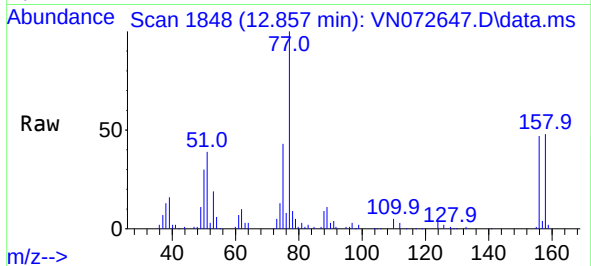
#73
Bromobenzene
Concen: 24.518 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 38110
Ion Ratio Lower Upper
156 100
77 246.8 0.0 416.0
158 95.9 0.0 195.4

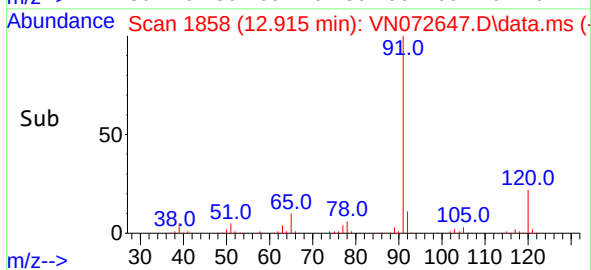
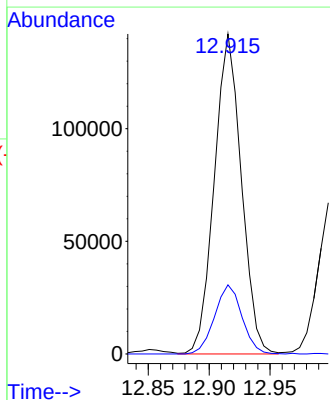
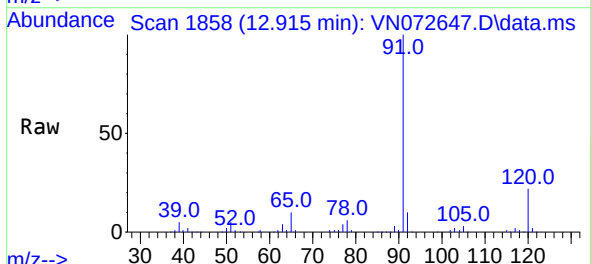
Manual Integrations
APPROVED

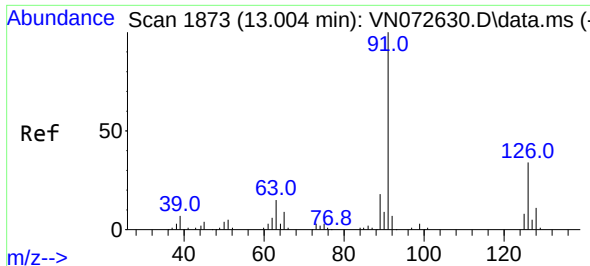
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#74
n-propylbenzene
Concen: 27.421 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 91 Resp: 219387
Ion Ratio Lower Upper
91 100
120 21.8 0.0 45.0





#75
2-Chlorotoluene
Concen: 26.005 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

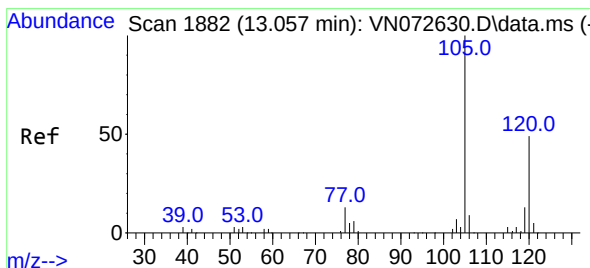
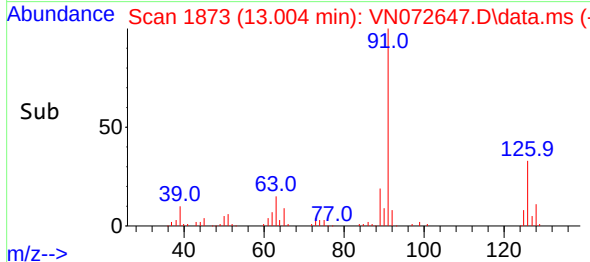
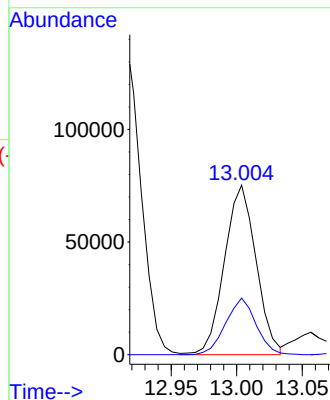
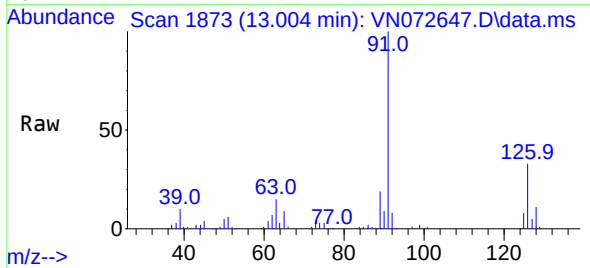
VSTDCCC020

Tgt Ion: 91 Resp: 126193
Ion Ratio Lower Upper
91 100
126 32.0 0.0 69.8

Manual Integrations

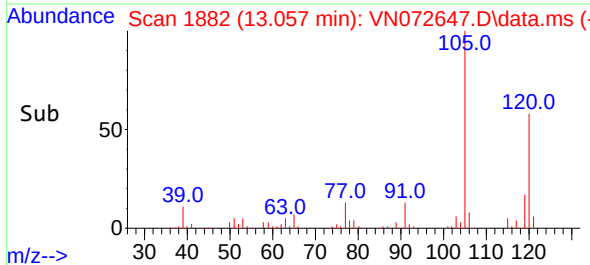
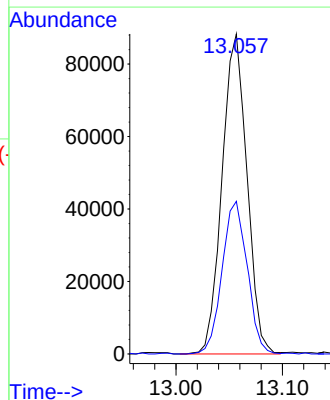
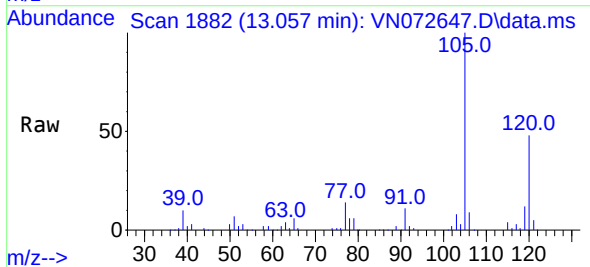
APPROVED

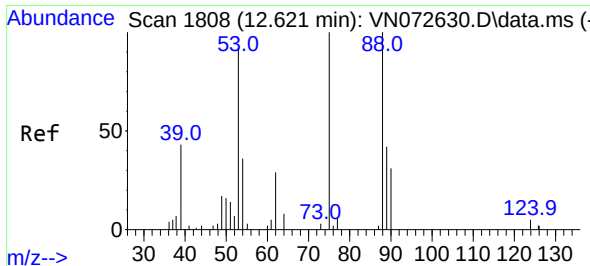
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#76
1,3,5-Trimethylbenzene
Concen: 25.644 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion:105 Resp: 143194
Ion Ratio Lower Upper
105 100
120 48.2 0.0 93.8





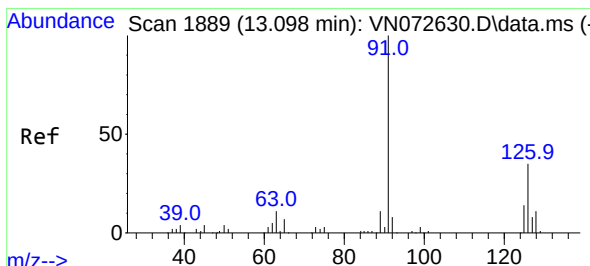
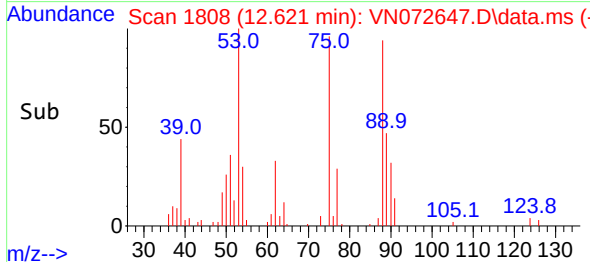
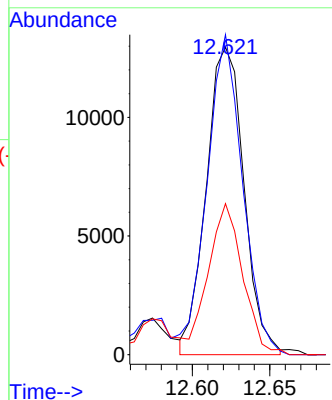
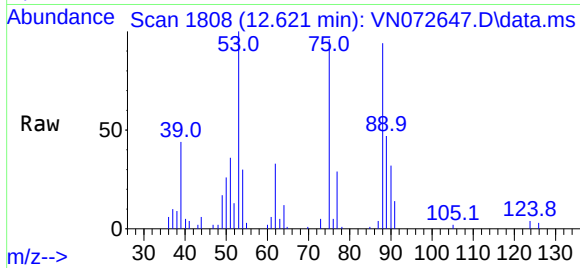
#77
t-1,4-Dichloro-2-butene
Concen: 27.327 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 21890
Ion Ratio Lower Upper
75 100
53 104.5 51.8 155.5
89 48.2 22.9 68.7

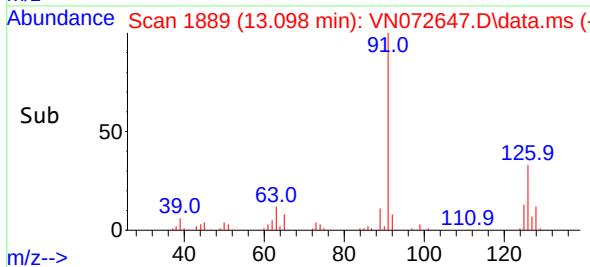
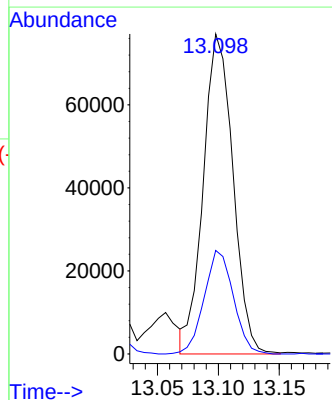
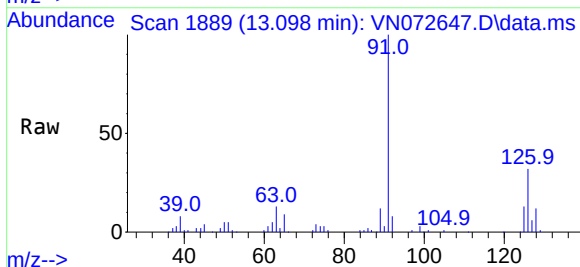
Manual Integrations
APPROVED

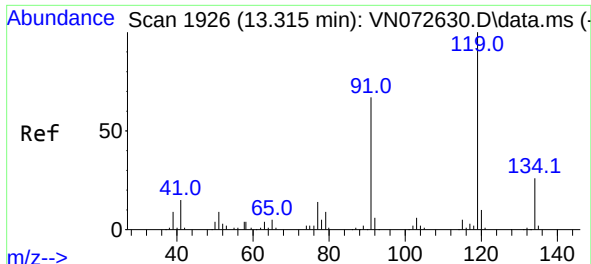
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#78
4-Chlorotoluene
Concen: 29.597 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion: 91 Resp: 130765
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6





#79
tert-butylbenzene
Concen: 27.087 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

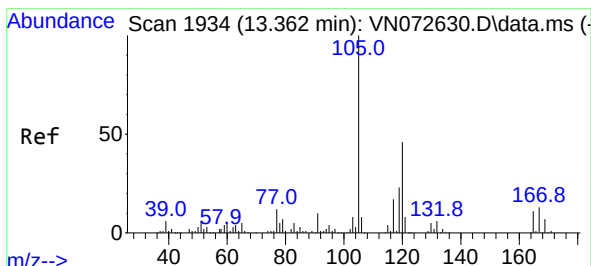
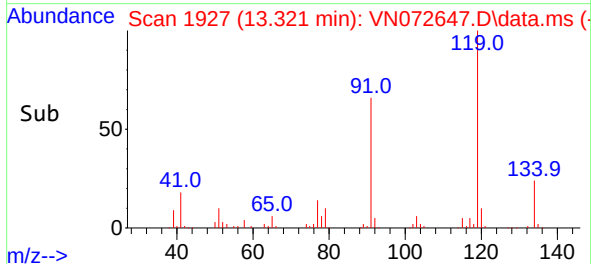
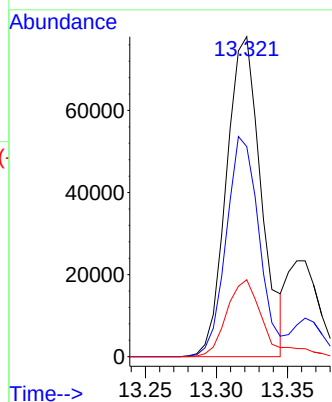
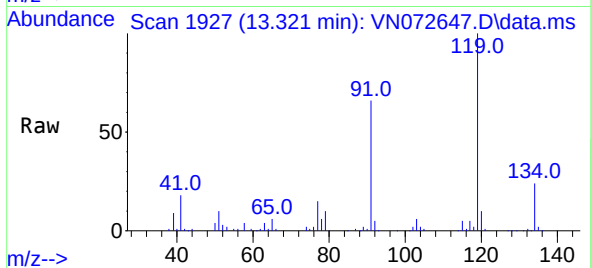
VSTDCCC020

Tgt Ion:119 Resp: 13236
Ion Ratio Lower Upper
119 100
91 65.2 0.0 137.0
134 23.3 0.0 47.6

Manual Integrations

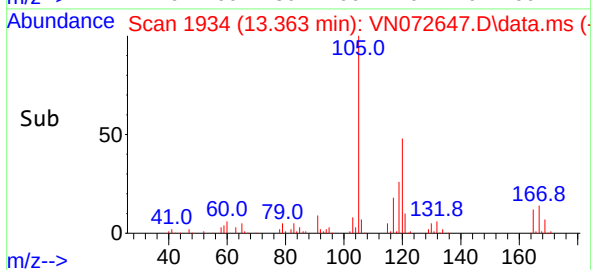
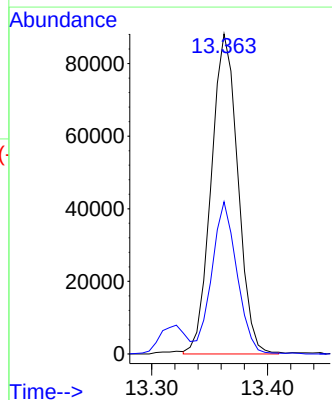
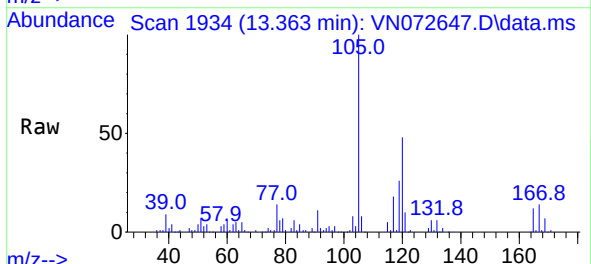
APPROVED

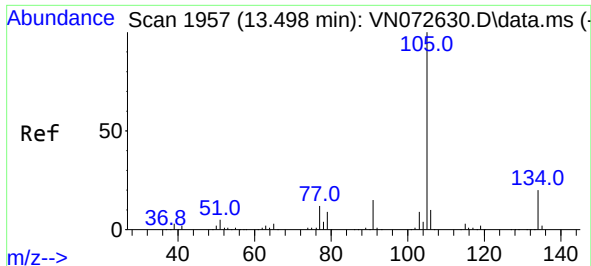
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#80
1,2,4-Trimethylbenzene
Concen: 26.152 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion:105 Resp: 140940
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 24.486 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072647.D
 Acq: 31 May 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

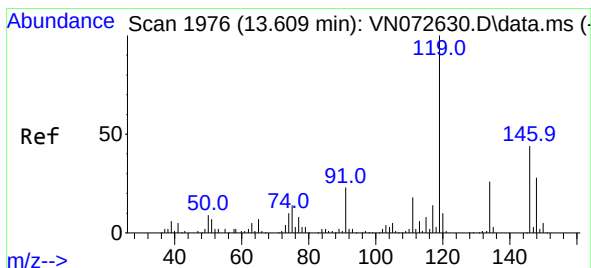
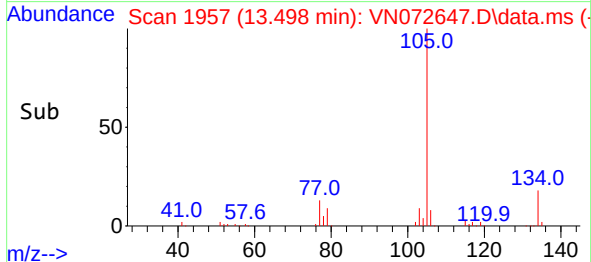
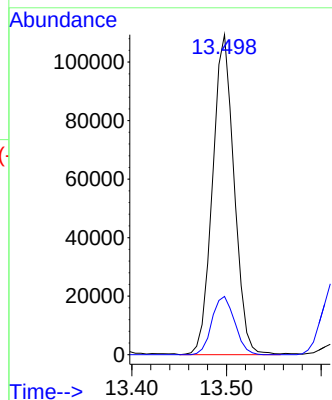
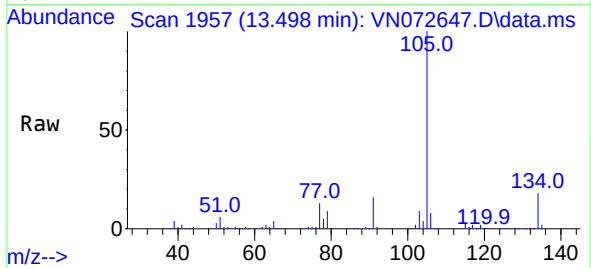
VSTDCCC020

Tgt Ion:105 Resp: 17310
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4

Manual Integrations

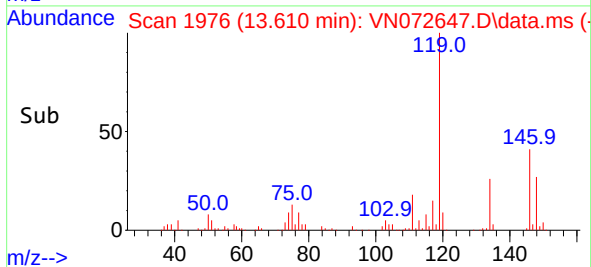
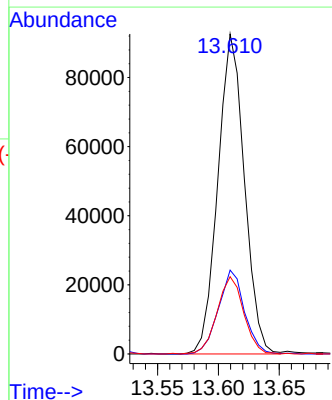
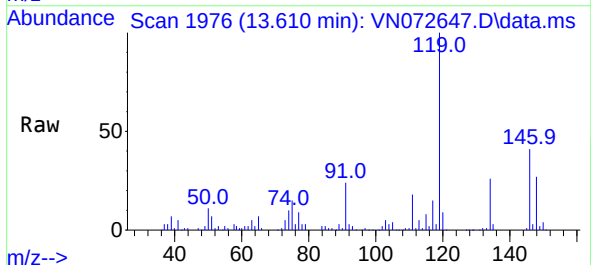
APPROVED

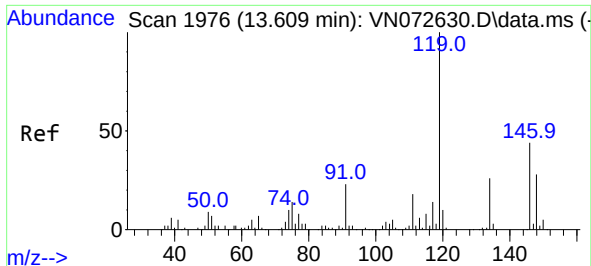
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022



#82
 p-Isopropyltoluene
 Concen: 25.619 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072647.D
 Acq: 31 May 2022 11:00

Tgt Ion:119 Resp: 140400
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 24.1 0.0 50.4





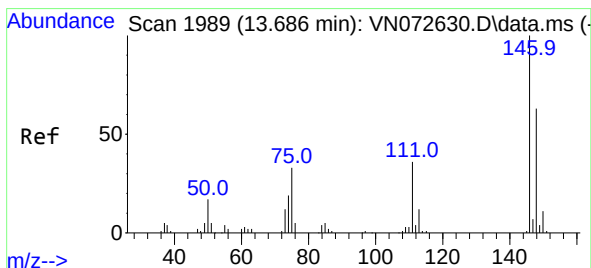
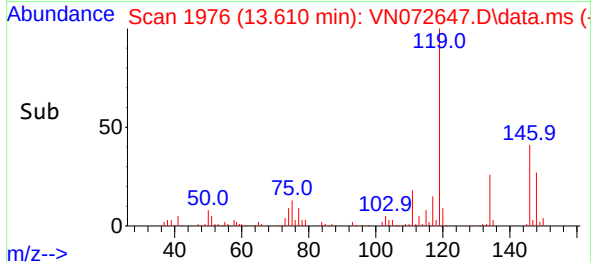
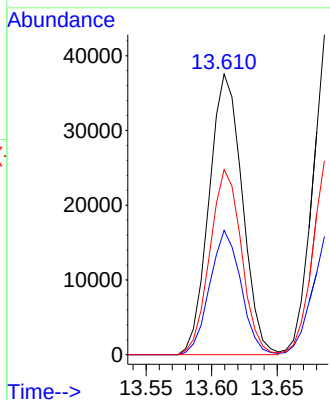
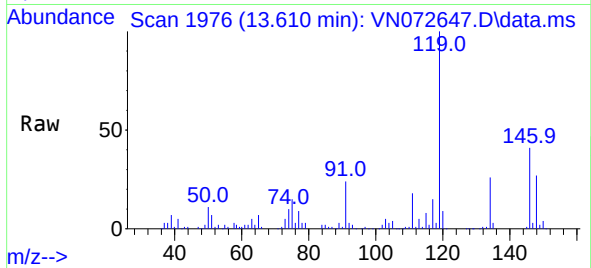
#83
1,3-Dichlorobenzene
Concen: 24.503 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 6610
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.2
148 62.9 31.4 94.3

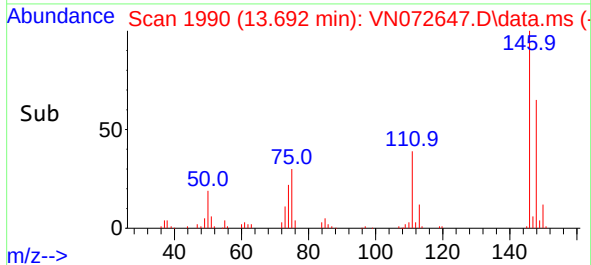
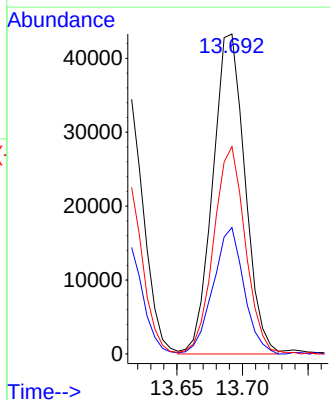
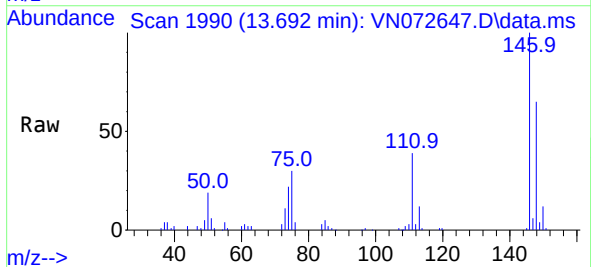
Manual Integrations
APPROVED

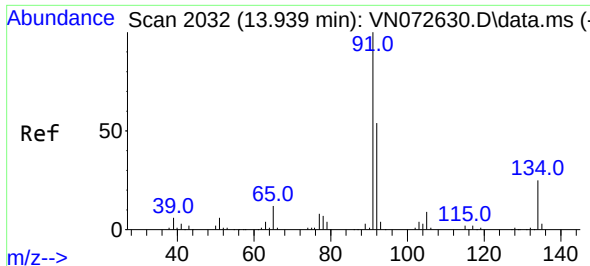
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#84
1,4-Dichlorobenzene
Concen: 28.202 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion:146 Resp: 73915
Ion Ratio Lower Upper
146 100
111 37.9 19.5 58.5
148 63.7 31.1 93.5





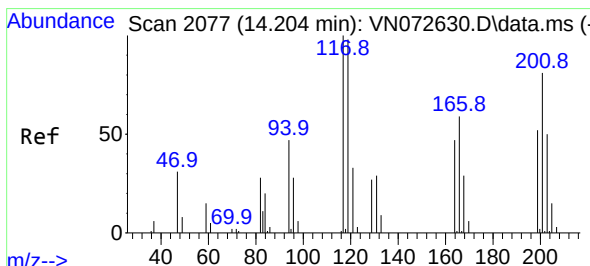
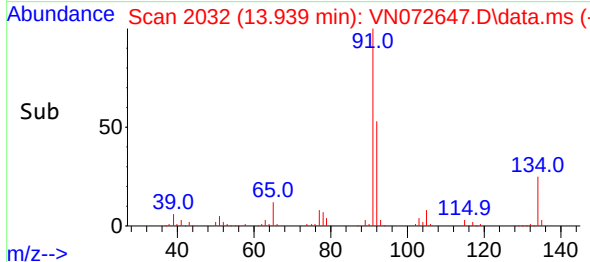
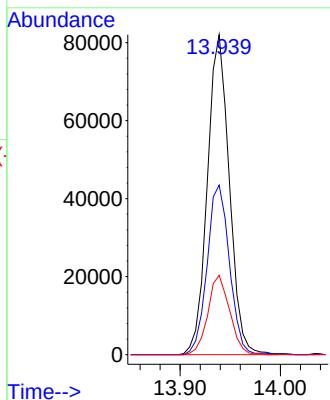
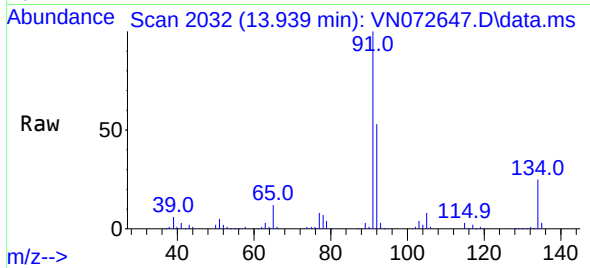
#85
n-Butylbenzene
Concen: 27.708 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 12478
Ion Ratio Lower Upper
91 100
92 53.8 0.0 100.6
134 24.6 0.0 50.2

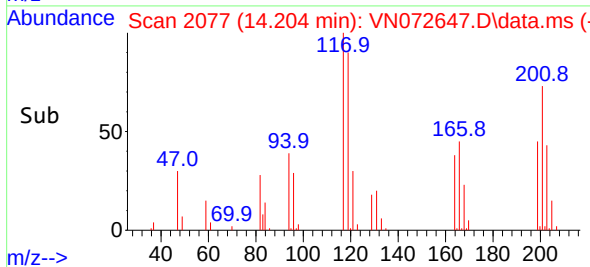
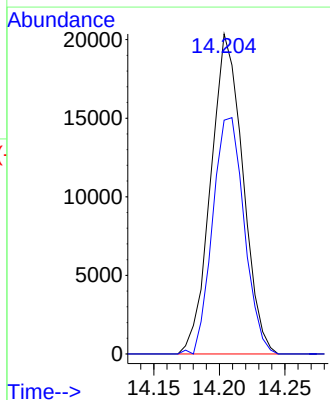
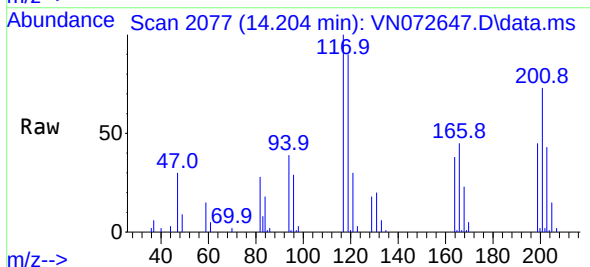
Manual Integrations
APPROVED

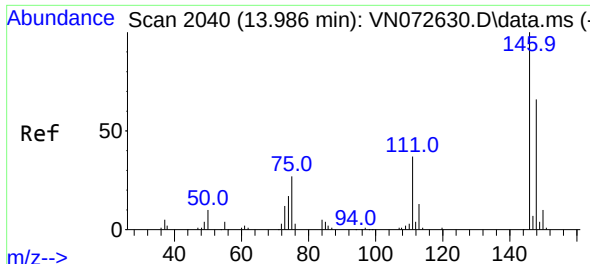
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#86
Hexachloroethane
Concen: 31.760 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Tgt Ion:117 Resp: 34666
Ion Ratio Lower Upper
117 100
201 72.3 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 28.712 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

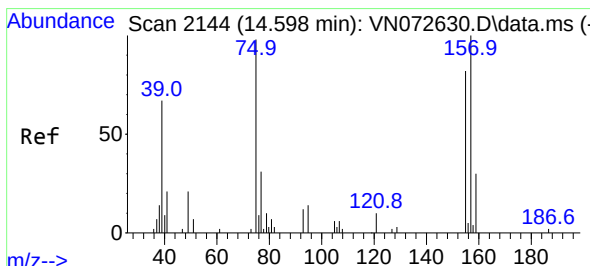
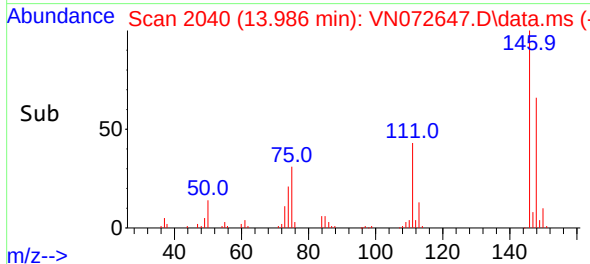
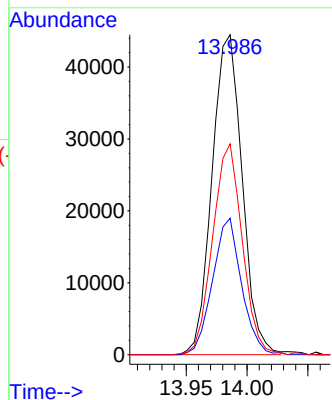
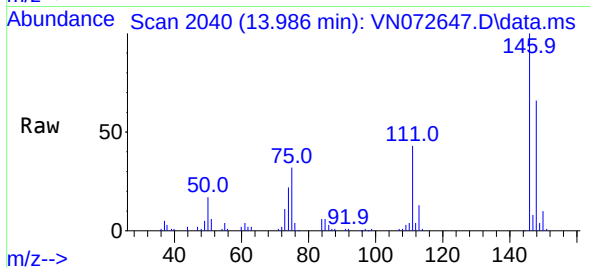
VSTDCCC020

Tgt Ion:146 Resp: 76500
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.2
148 64.7 32.5 97.4

Manual Integrations

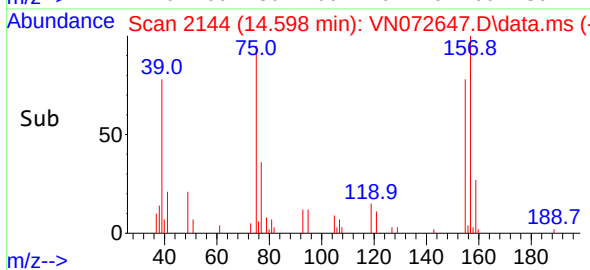
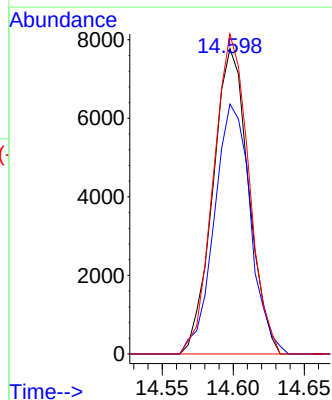
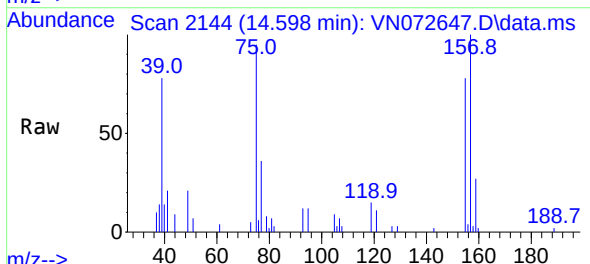
APPROVED

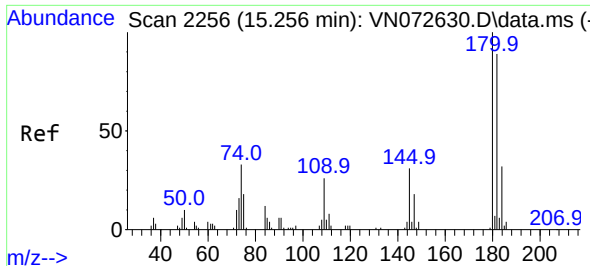
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 28.777 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

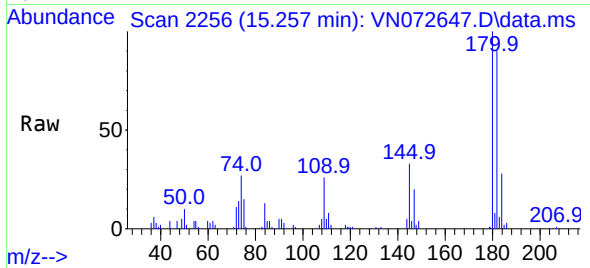
Tgt Ion: 75 Resp: 13581
Ion Ratio Lower Upper
75 100
155 83.2 63.8 95.8
157 103.5 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 28.001 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

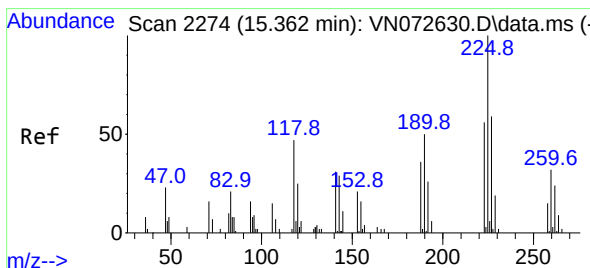
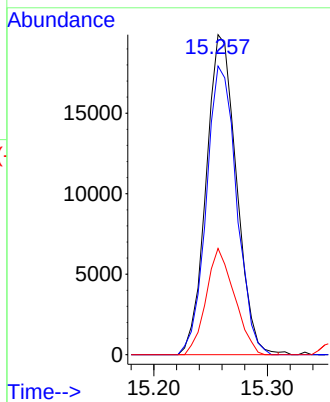
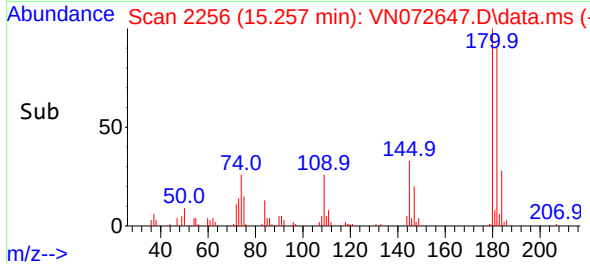
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



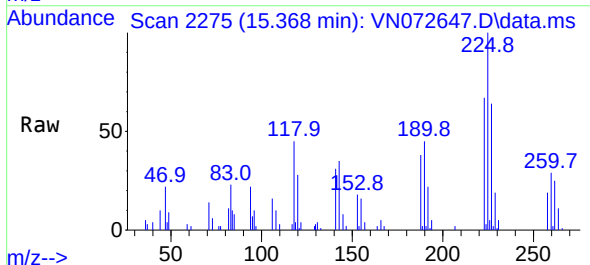
Tgt Ion:180 Resp: 3681
Ion Ratio Lower Upper
180 100
182 90.1 77.7 116.5
145 31.0 26.6 39.8

Manual Integrations
APPROVED

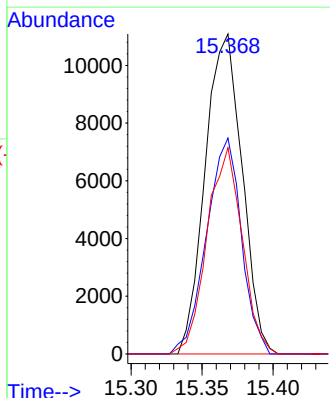
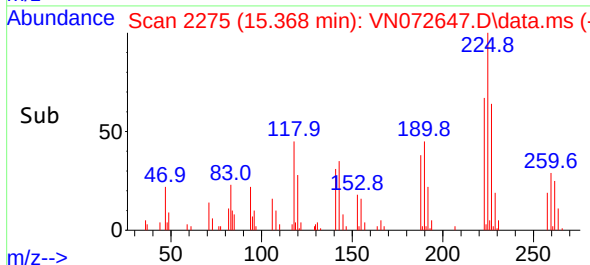
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

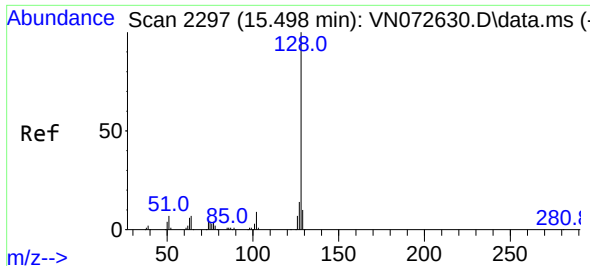


#90
Hexachlorobutadiene
Concen: 30.451 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



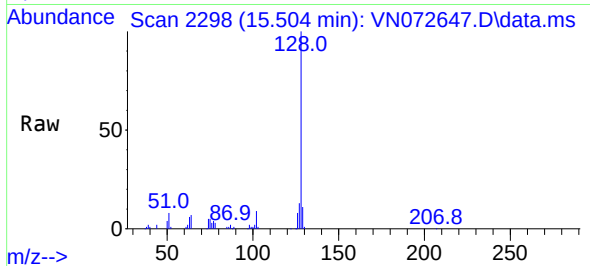
Tgt Ion:225 Resp: 20077
Ion Ratio Lower Upper
225 100
223 63.6 0.0 126.8
227 61.2 0.0 123.0





#91
Naphthalene
Concen: 26.055 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00

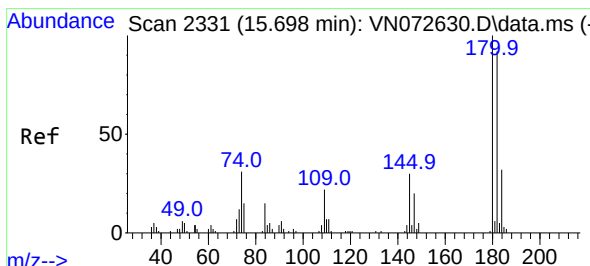
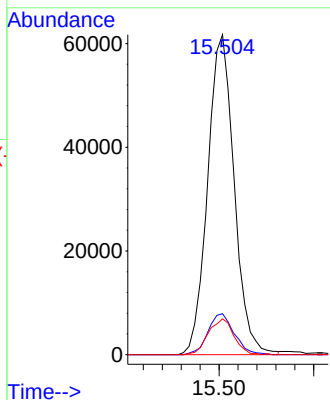
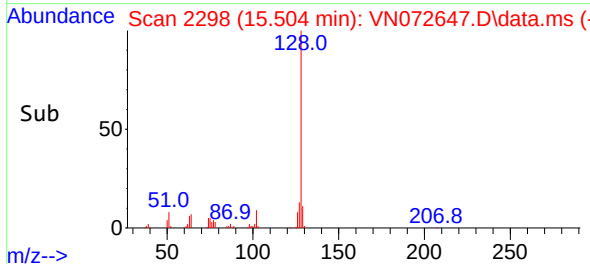
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



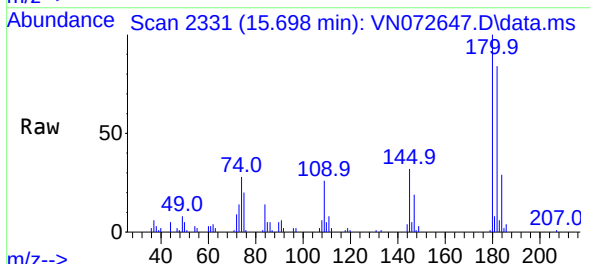
Tgt Ion:128 Resp: 12020
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#92
1,2,3-Trichlorobenzene
Concen: 27.672 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072647.D
Acq: 31 May 2022 11:00



Tgt Ion:180 Resp: 37140
Ion Ratio Lower Upper
180 100
182 94.9 0.0 190.0
145 32.0 0.0 67.8

