

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071525.D
 Acq On : 24 Mar 2022 17:09
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 24 17:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	105018	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	570025	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	513879	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	220322	29.777	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.267%		
60) 4-Bromofluorobenzene	12.727	95	228060	29.931	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.767%		
63) Toluene-d8	10.439	98	718088	30.783	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	136721	20.916	ug/l	98
3) Chloromethane	2.299	50	159853	20.749	ug/l	97
4) Vinyl Chloride	2.440	62	177320	20.070	ug/l	99
5) Bromomethane	2.846	94	112577	21.623	ug/l	98
6) Chloroethane	3.010	64	114307	20.204	ug/l	99
7) Trichlorofluoromethane	3.375	101	204425	19.845	ug/l	94
8) Diethyl Ether	3.828	74	85248	19.695	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	129659m	21.018	ug/l	
10) 1,1-Dichloroethene	4.187	96	121756	20.012	ug/l	99
11) Methyl Iodide	4.422	142	175671	19.704	ug/l	89
12) Methyl Acetate	4.851	43	170585	19.895	ug/l	97
13) Acrolein	4.034	56	74808	82.008	ug/l	97
14) Acrylonitrile	5.545	53	391882	100.912	ug/l	97
15) Acetone	4.287	58	102617	91.821	ug/l	84
16) Carbon Disulfide	4.534	76	302558	19.100	ug/l	96
17) Allyl chloride	4.840	41	190286	19.282	ug/l	88
18) Methylene Chloride	5.098	84	144871	19.848	ug/l	96
19) trans-1,2-Dichloroethene	5.598	96	132347	20.338	ug/l	98
20) Diisopropyl ether	6.492	45	420779	20.379	ug/l	94
21) 1,1-Dichloroethane	6.381	63	252533	20.258	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	157892	19.971	ug/l	98
23) tert-Butyl Alcohol	5.357	59	134836	97.304	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	443700	20.207	ug/l	93
25) Chloroform	7.816	83	261118	20.827	ug/l	99
26) Cyclohexane	8.092	56	214463	19.903	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	187770	20.351	ug/l	98
30) 2-Butanone	7.328	43	500875	97.526	ug/l	97
31) 2,2-Dichloropropane	7.322	77	208305	19.819	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	215726	20.075	ug/l	97
33) Carbon Tetrachloride	8.204	117	180408	19.833	ug/l	99
34) Benzene	8.457	78	584848	20.402	ug/l	99
35) Methacrylonitrile	7.634	41	94102	19.097	ug/l	95
36) 1,2-Dichloroethane	8.528	62	205836	20.583	ug/l	96
37) Trichloroethene	9.216	130	147251	19.908	ug/l	100
38) Methylcyclohexane	9.457	83	236047	20.297	ug/l	97
39) 1,2-Dichloropropane	9.486	63	144482	20.146	ug/l	94
40) Dibromomethane	9.575	93	100362	20.674	ug/l	87
41) Bromodichloromethane	9.757	83	194141	19.985	ug/l	95
42) Vinyl Acetate	6.428	43	1784381	101.400	ug/l	96

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Instrument :
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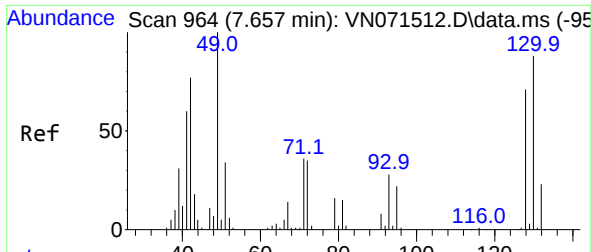
Manual Integrations
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Quant Time: Mar 24 17:27:36 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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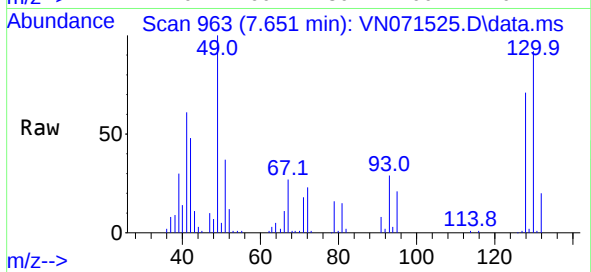
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	194896	19.570	ug/l	100
44) Isopropyl Acetate	8.557	43	315442	19.749	ug/l	96
45) 1,4-Dioxane	9.563	88	65367	405.620	ug/l #	93
46) Methyl methacrylate	9.557	41	135820	19.391	ug/l	82
47) n-amyl Acetate	12.380	43	203428	19.086	ug/l	93
48) t-1,3-Dichloropropene	10.716	75	207468	19.649	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	229638	19.888	ug/l #	89
50) 1,1,2-Trichloroethane	10.892	97	151135	20.826	ug/l	97
51) Ethyl methacrylate	10.757	69	222923	19.895	ug/l	85
52) 1,3-Dichloropropane	11.039	76	252066	20.339	ug/l	99
53) Dibromochloromethane	11.233	129	145612	19.383	ug/l	99
54) 1,2-Dibromoethane	11.339	107	148070	19.835	ug/l	94
55) 2-Chloroethyl vinyl ether	10.039	63	266846	88.389	ug/l	98
56) Bromoform	12.457	173	108080	18.660	ug/l #	98
58) 4-Methyl-2-Pentanone	10.328	43	1000091	102.522	ug/l	93
59) 2-Hexanone	11.080	43	713935	100.241	ug/l	92
61) Tetrachloroethene	10.975	164	130012	20.788	ug/l	88
62) Toluene	10.504	91	645046	20.701	ug/l	97
64) Chlorobenzene	11.769	112	393377	20.467	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	144178	20.448	ug/l	99
66) Ethyl Benzene	11.839	91	687366	20.299	ug/l	96
67) m/p-Xylenes	11.951	106	539080	40.923	ug/l	97
68) o-Xylene	12.274	106	265502	20.278	ug/l	96
69) Styrene	12.292	104	402605	19.538	ug/l	98
70) Isopropylbenzene	12.574	105	669104	20.361	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	220464	20.613	ug/l	100
72) 1,2,3-Trichloropropane	12.874	75	196412m	21.376	ug/l	
73) Bromobenzene	12.857	156	161751	20.177	ug/l	97
74) n-propylbenzene	12.916	91	724435	20.198	ug/l	98
75) 2-Chlorotoluene	13.004	91	458770	20.468	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	541805	20.551	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	60955	18.893	ug/l	99
78) 4-Chlorotoluene	13.098	91	416086	19.877	ug/l	99
79) tert-butylbenzene	13.321	119	481877	20.255	ug/l	94
80) 1,2,4-Trimethylbenzene	13.363	105	514874m	20.128	ug/l	
81) sec-Butylbenzene	13.498	105	648880	20.299	ug/l	98
82) p-Isopropyltoluene	13.610	119	517671	19.932	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	264666	20.176	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	251726	20.105	ug/l	98
85) n-Butylbenzene	13.939	91	362236	18.777	ug/l	96
86) Hexachloroethane	14.204	117	95501	19.690	ug/l	83
87) 1,2-Dichlorobenzene	13.986	146	262389	20.689	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	36309	19.080	ug/l	86
89) 1,2,4-Trichlorobenzene	15.257	180	108807	18.560	ug/l	95
90) Hexachlorobutadiene	15.368	225	76217	21.940	ug/l	98
91) Naphthalene	15.504	128	271590	18.907	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	107431	18.685	ug/l	96

(#) = 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: VN071525.D
Acq: 24 Mar 2022 17:09

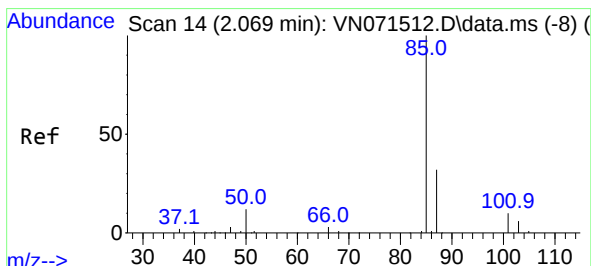
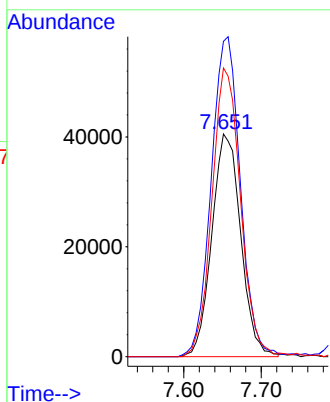
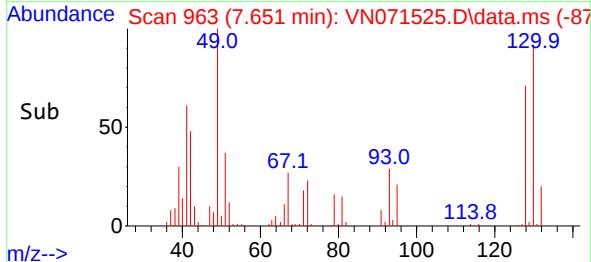
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



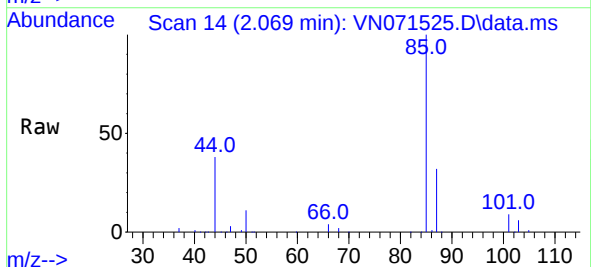
Tgt Ion:128 Resp: 105018
Ion Ratio Lower Upper
128 100
49 145.0 0.0 392.3
130 127.7 0.0 320.2

Manual Integrations
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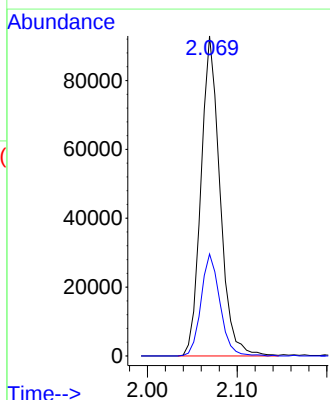
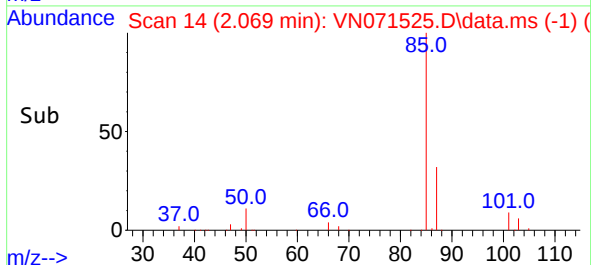
Reviewed By :John Carlone 03/25/2022
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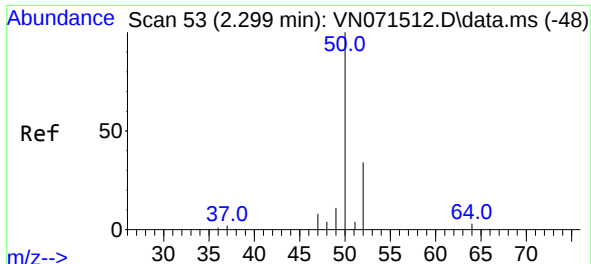


#2
Dichlorodifluoromethane
Concen: 20.916 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion: 85 Resp: 136721
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.7





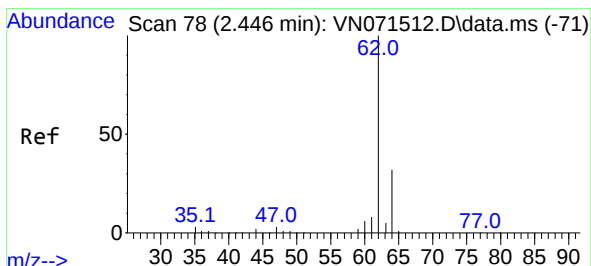
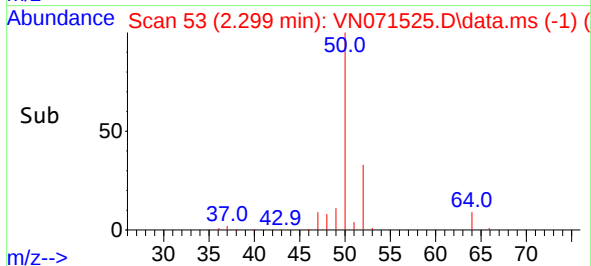
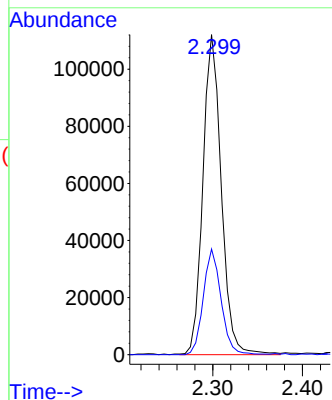
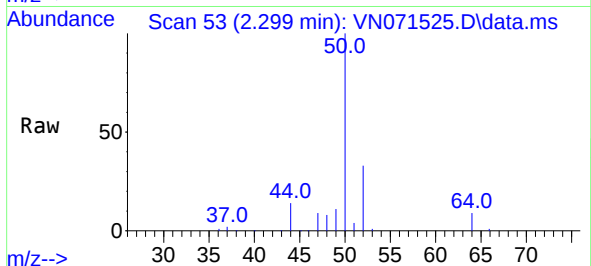
#3
Chloromethane
Concen: 20.749 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

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ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 15985
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.6

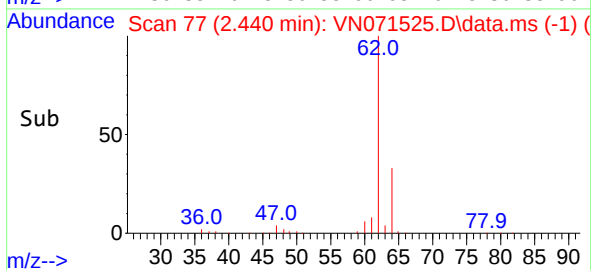
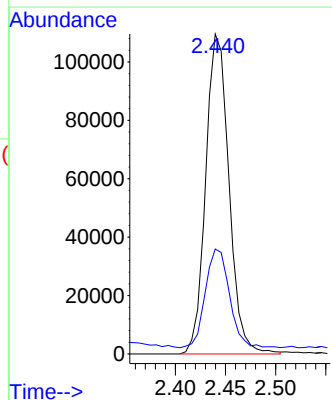
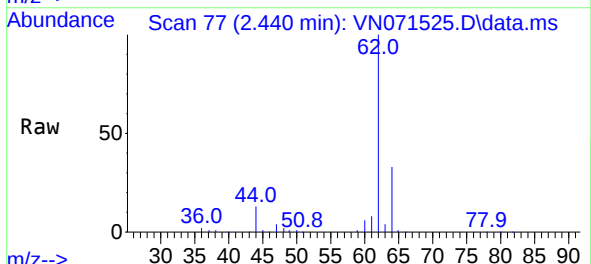
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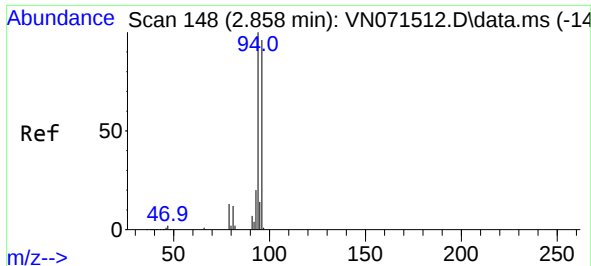
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#4
Vinyl Chloride
Concen: 20.070 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

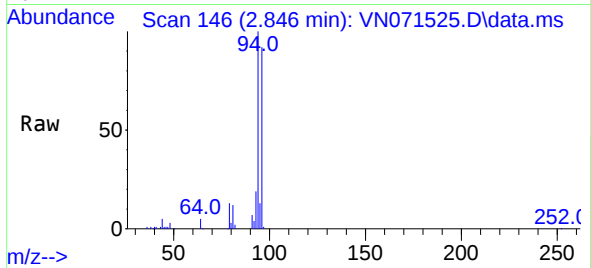
Tgt Ion: 62 Resp: 177320
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5
Bromomethane
Concen: 21.623 ug/l
RT: 2.846 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

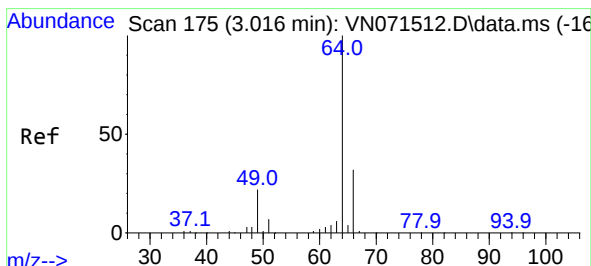
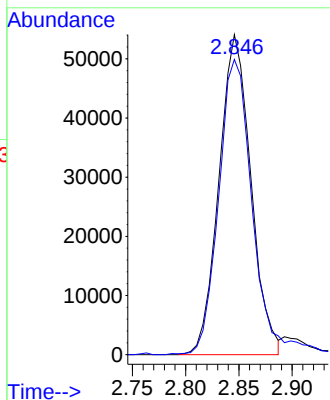
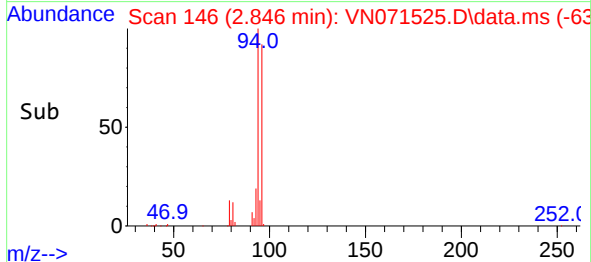
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



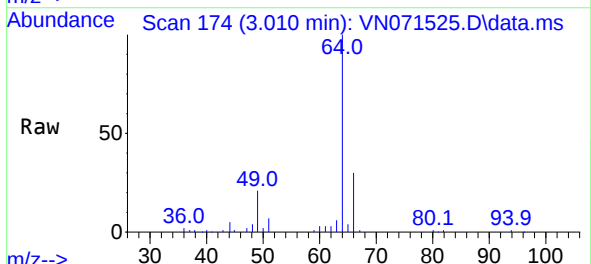
Tgt Ion: 94 Resp: 11257
Ion Ratio Lower Upper
94 100
96 92.0 75.2 112.8

Manual Integrations
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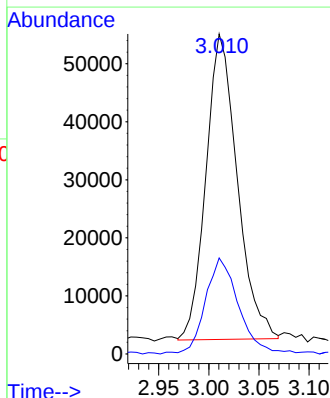
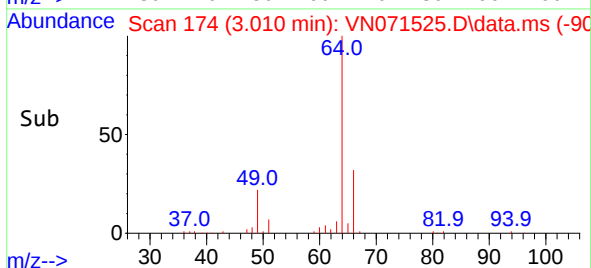
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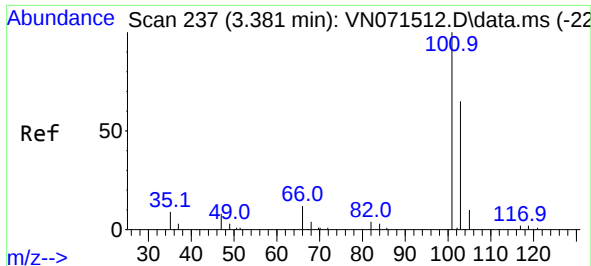


#6
Chloroethane
Concen: 20.204 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion: 64 Resp: 114307
Ion Ratio Lower Upper
64 100
66 31.1 24.6 36.8





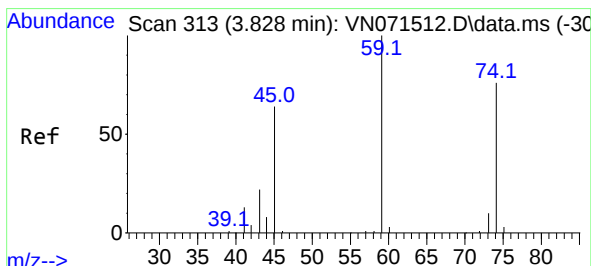
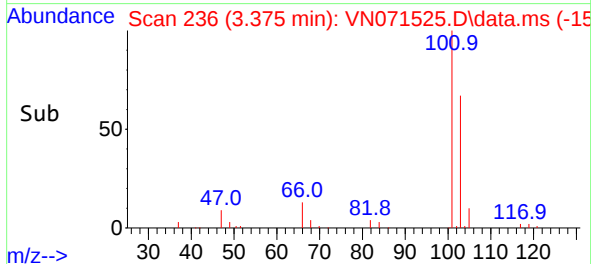
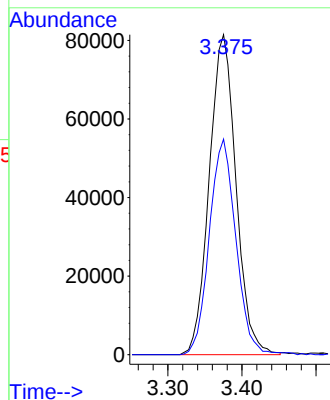
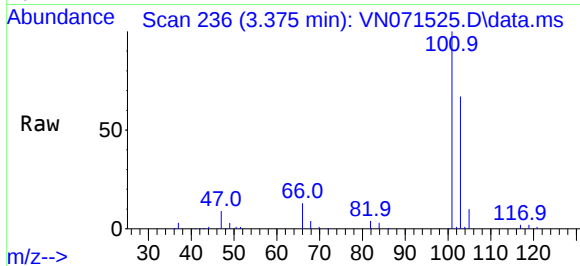
#7
Trichlorofluoromethane
Concen: 19.845 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
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Tgt Ion:101 Resp: 204425
Ion Ratio Lower Upper
101 100
103 67.4 50.1 75.1

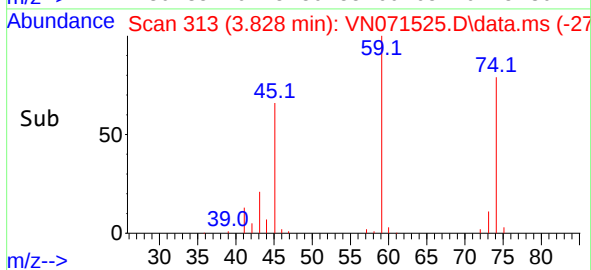
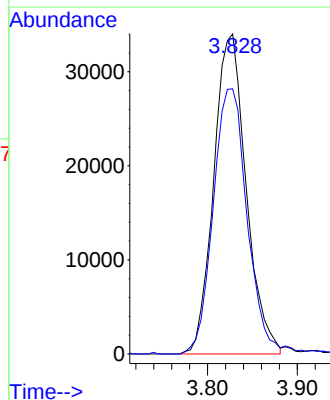
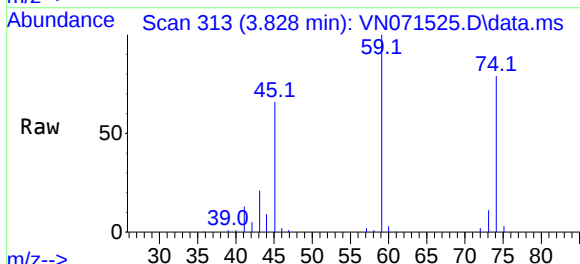
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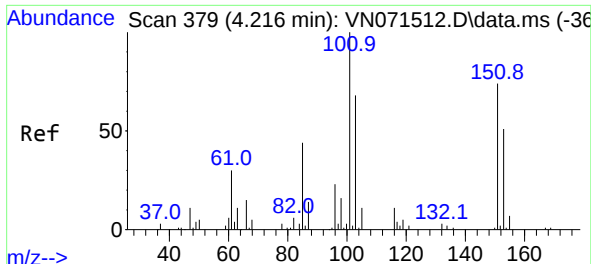
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#8
Diethyl Ether
Concen: 19.695 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Tgt Ion: 74 Resp: 85248
Ion Ratio Lower Upper
74 100
45 86.2 17.6 158.8





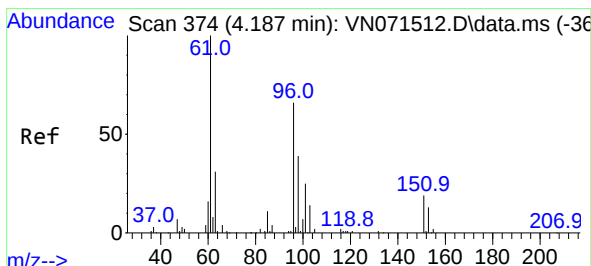
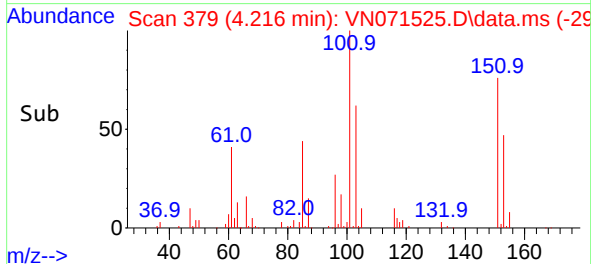
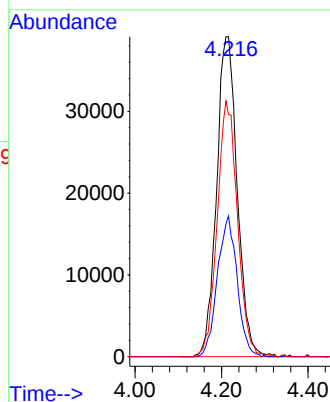
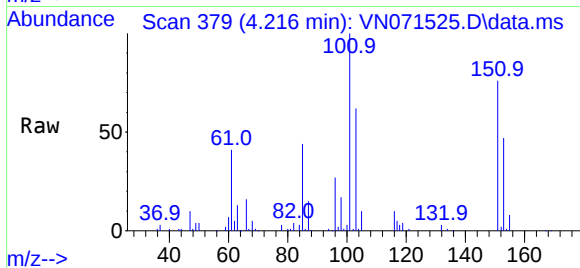
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1,1,2-Trichlorotrifluoroethane
Concen: 21.018 ug/l m
RT: 4.216 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 129659
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.1 0.0 74.6

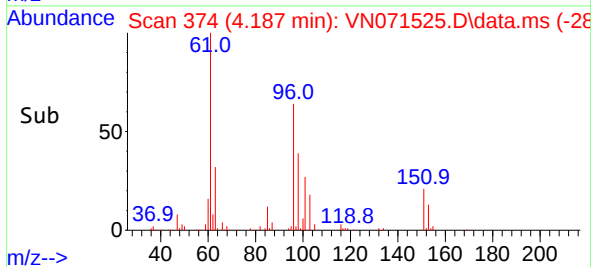
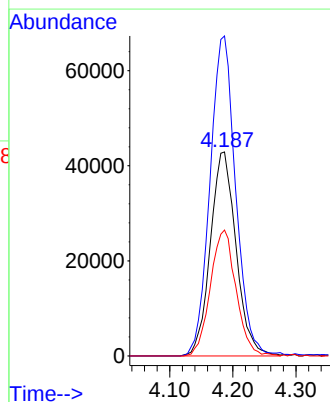
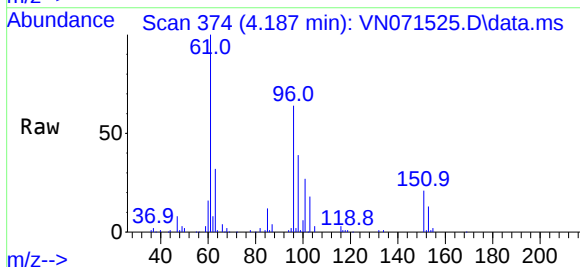
Manual Integrations
APPROVED

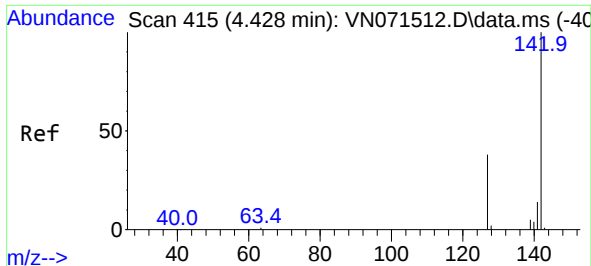
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 20.012 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

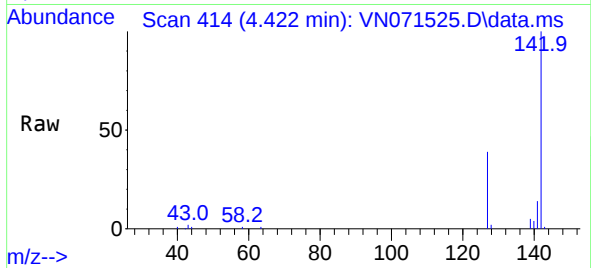
Tgt Ion: 96 Resp: 121756
Ion Ratio Lower Upper
96 100
61 156.9 126.2 189.4
98 61.7 50.9 76.3





#11
Methyl Iodide
Concen: 19.704 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

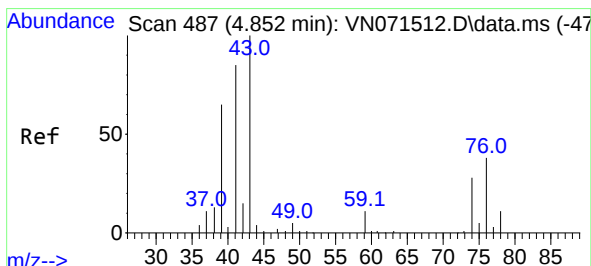
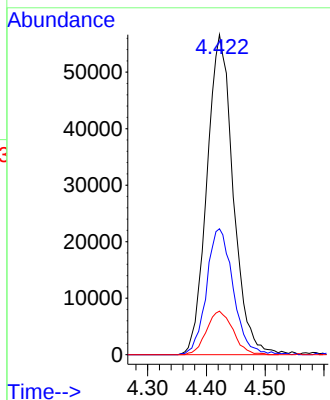
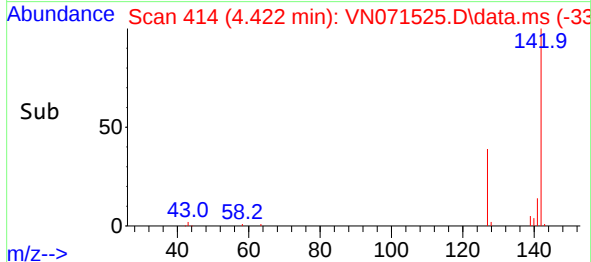
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 17567
Ion Ratio Lower Upper
142 100
127 39.3 24.0 72.0
141 13.6 8.4 25.2

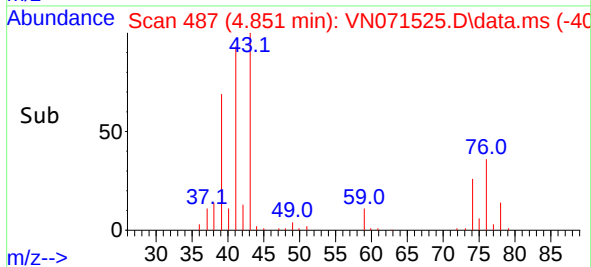
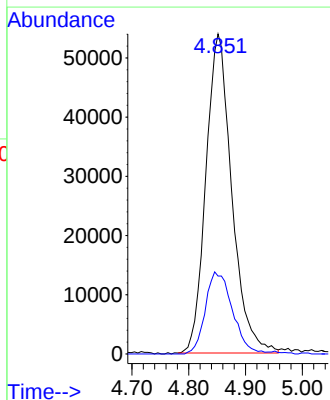
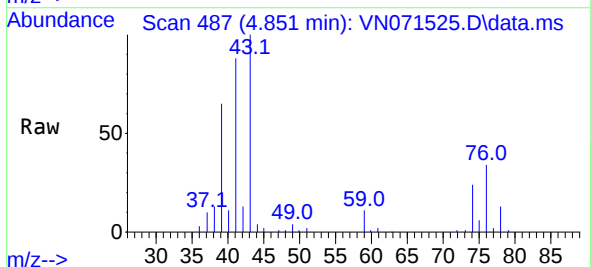
Manual Integrations
APPROVED

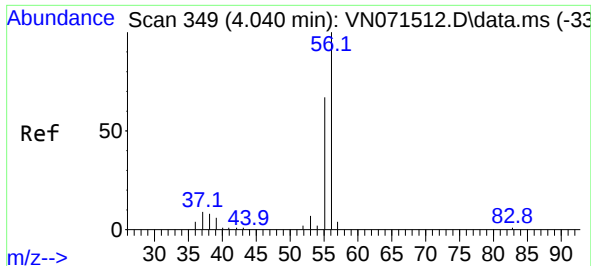
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#12
Methyl Acetate
Concen: 19.895 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

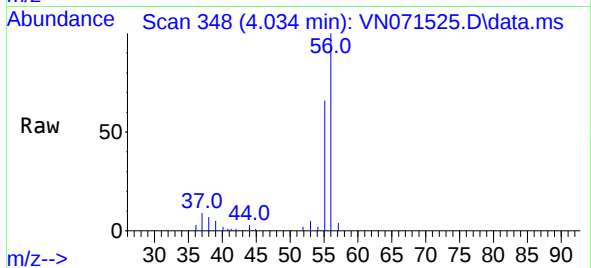
Tgt Ion: 43 Resp: 170585
Ion Ratio Lower Upper
43 100
74 24.3 20.8 31.2





#13
Acrolein
Concen: 82.008 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

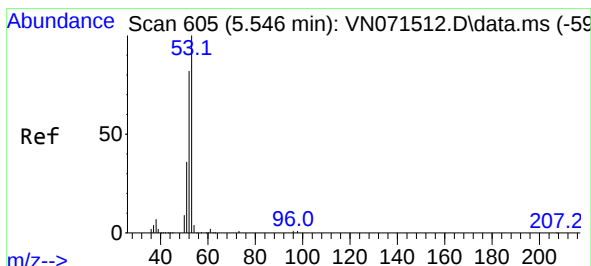
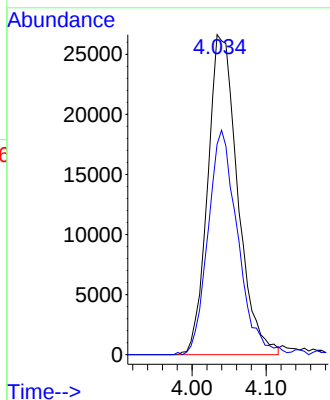
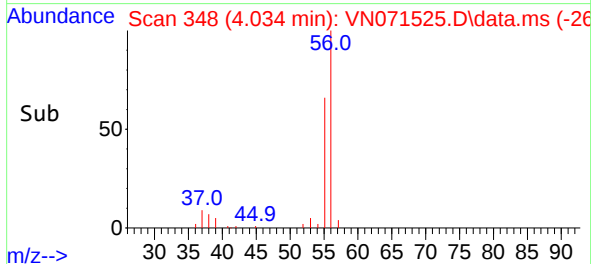
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 74808
Ion Ratio Lower Upper
56 100
55 69.4 57.6 86.4

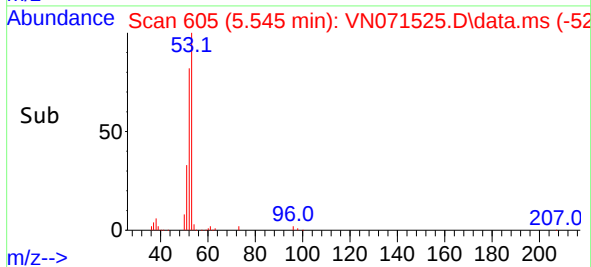
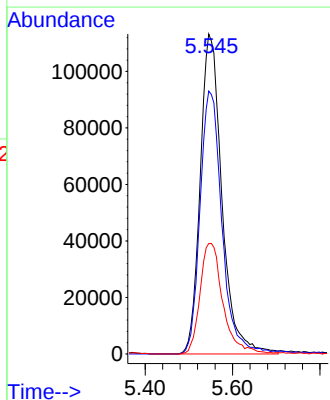
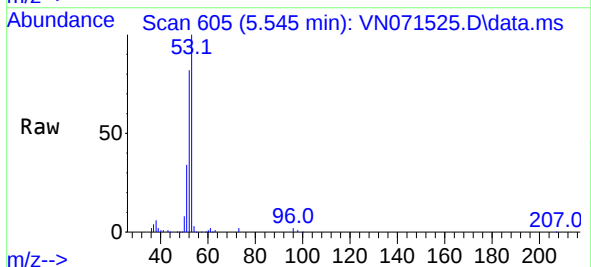
Manual Integrations
APPROVED

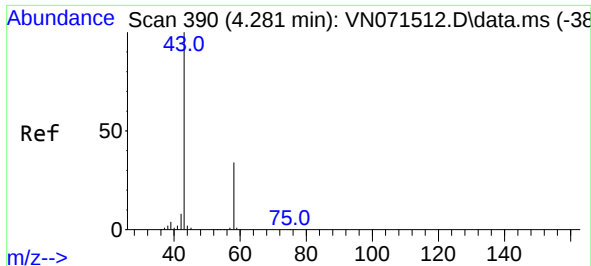
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#14
Acrylonitrile
Concen: 100.912 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

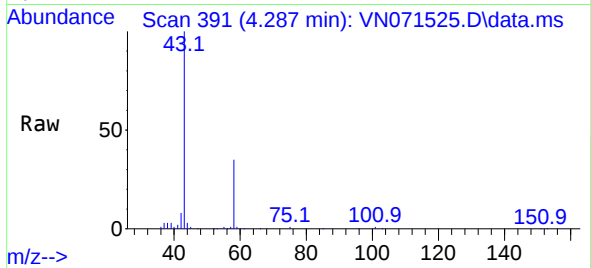
Tgt Ion: 53 Resp: 391882
Ion Ratio Lower Upper
53 100
52 82.1 41.8 125.4
51 35.3 19.0 57.0





#15
Acetone
Concen: 91.821 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

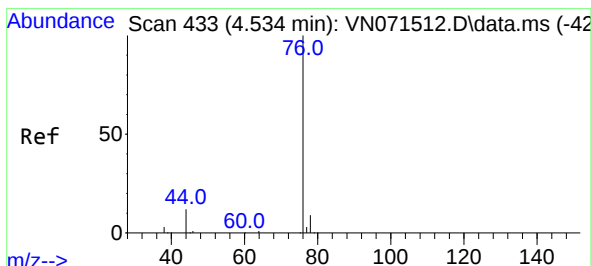
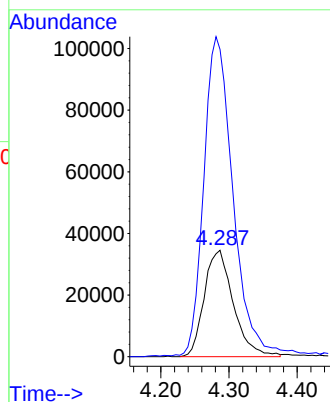
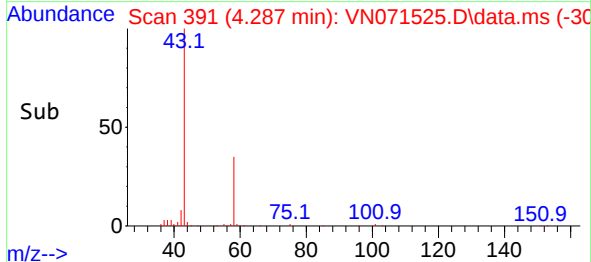
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



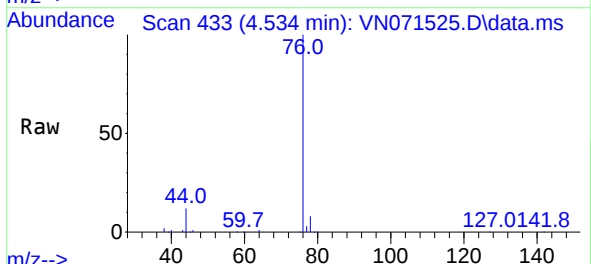
Tgt Ion: 58 Resp: 102617
Ion Ratio Lower Upper
58 100
43 287.3 256.6 384.8

Manual Integrations
APPROVED

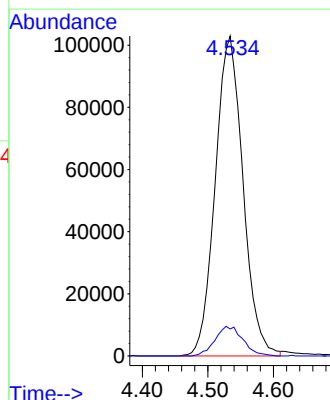
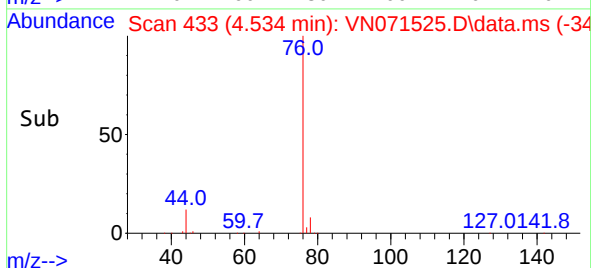
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

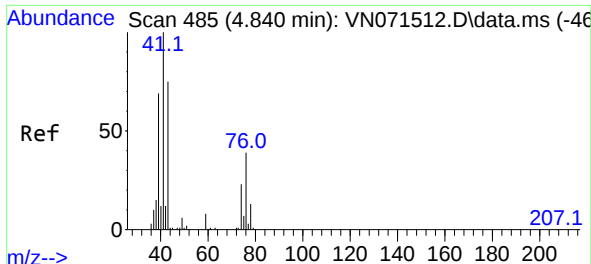


#16
Carbon Disulfide
Concen: 19.100 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion: 76 Resp: 302558
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8





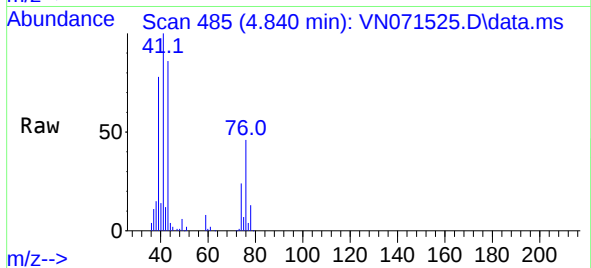
#17
 Allyl chloride
 Concen: 19.282 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN071525.D
 Acq: 24 Mar 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



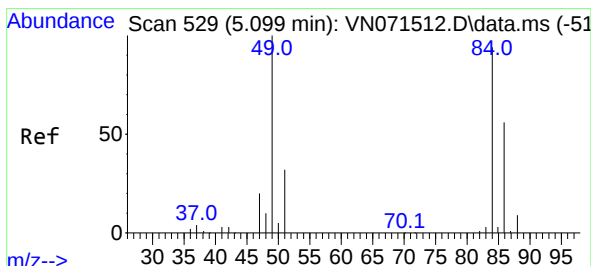
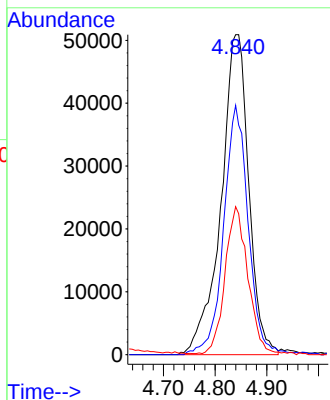
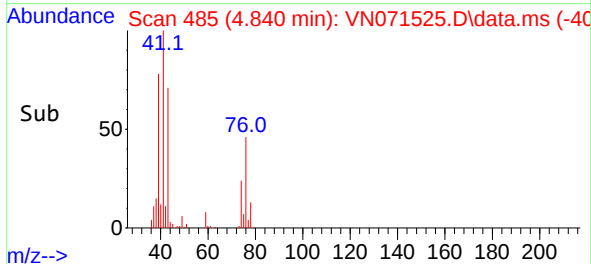
Tgt Ion: 41 Resp: 190280
 Ion Ratio Lower Upper
 41 100
 39 77.9 44.6 134.0
 76 45.7 19.6 58.7

Manual Integrations

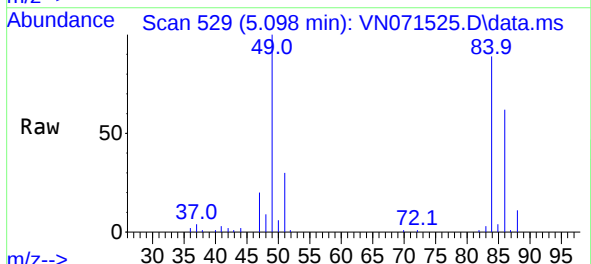
APPROVED

Reviewed By :John Carlone 03/25/2022

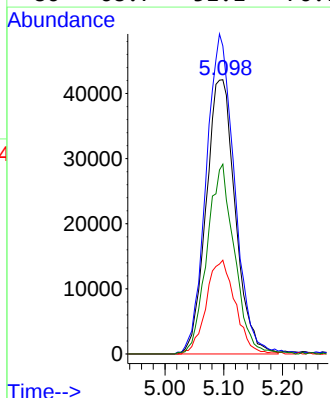
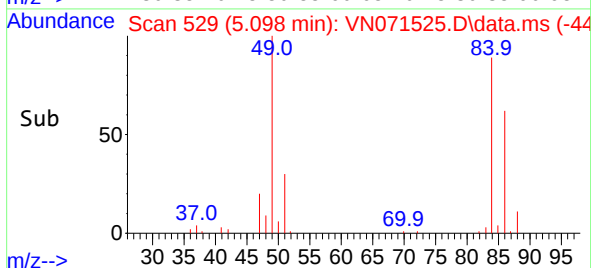
Supervised By :Mahesh Dadoda 03/25/2022

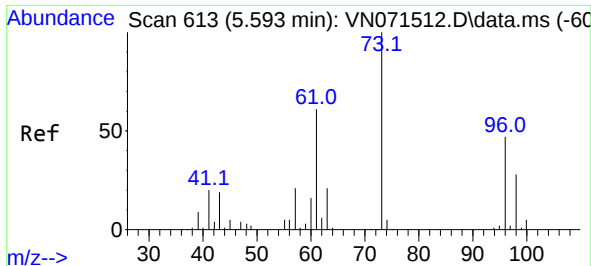


#18
 Methylene Chloride
 Concen: 19.848 ug/l
 RT: 5.098 min Scan# 529
 Delta R.T. -0.000 min
 Lab File: VN071525.D
 Acq: 24 Mar 2022 17:09



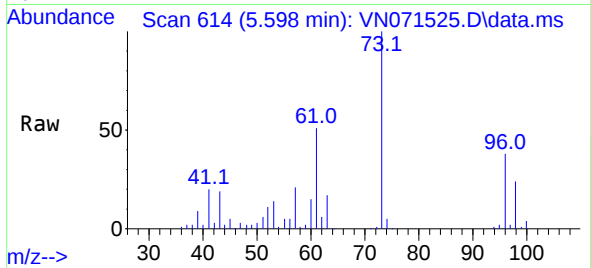
Tgt Ion: 84 Resp: 144871
 Ion Ratio Lower Upper
 84 100
 49 111.6 91.4 137.0
 51 34.2 29.4 44.0
 86 68.7 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.338 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

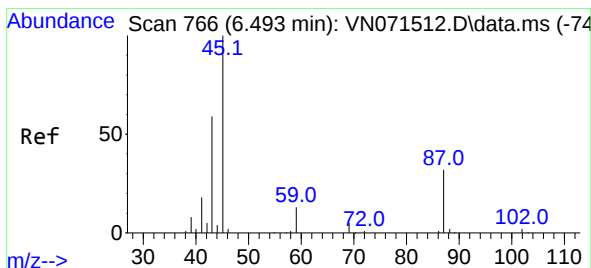
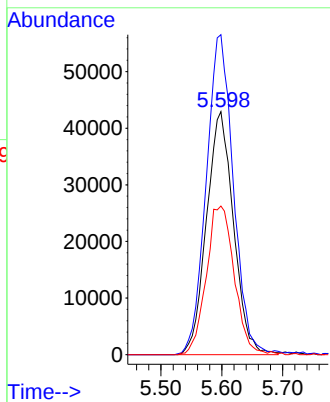
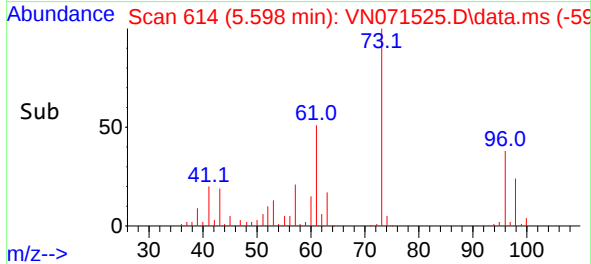
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



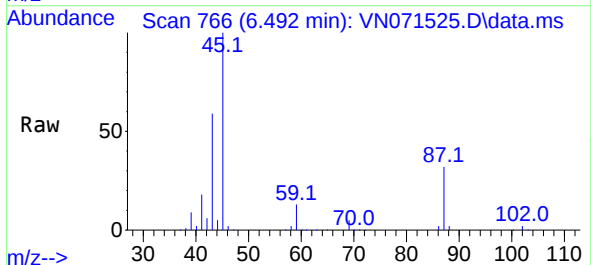
Tgt Ion: 96 Resp: 13234
Ion Ratio Lower Upper
96 100
61 131.3 102.8 154.2
98 61.2 49.3 73.9

Manual Integrations
APPROVED

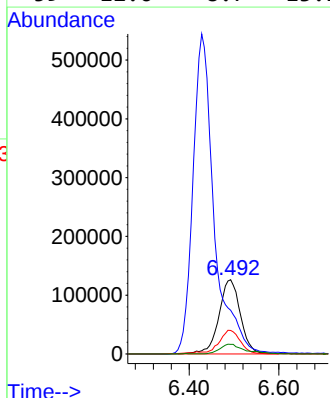
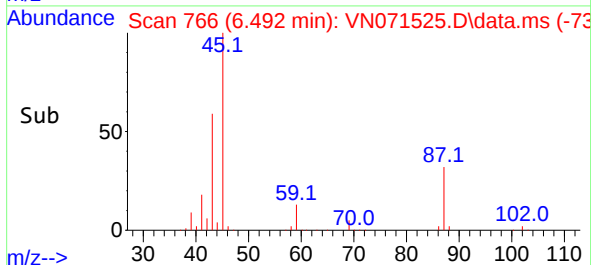
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

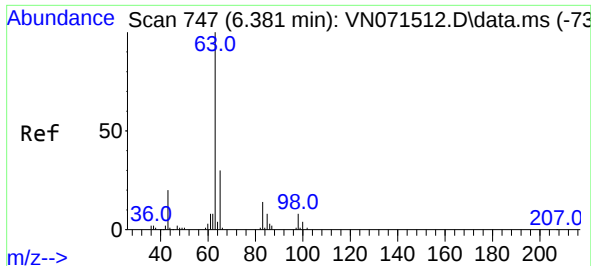


#20
Diisopropyl ether
Concen: 20.379 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



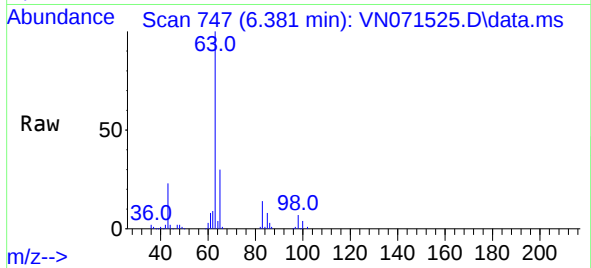
Tgt Ion: 45 Resp: 420779
Ion Ratio Lower Upper
45 100
43 56.5 51.0 76.4
87 31.4 25.0 37.4
59 12.6 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.258 ug/l
RT: 6.381 min Scan# 747
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

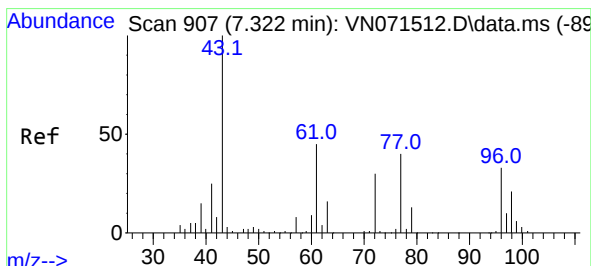
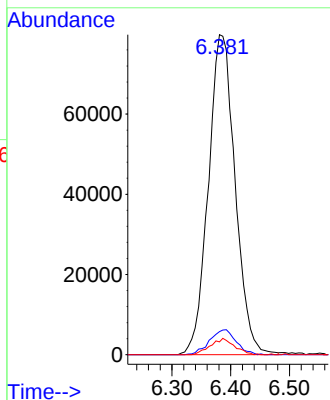
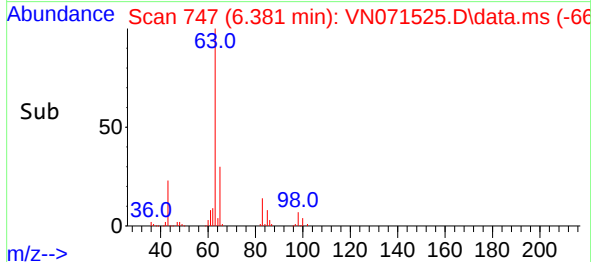
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



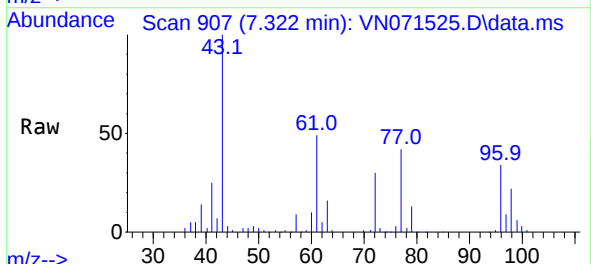
Tgt Ion: 63 Resp: 25253
Ion Ratio Lower Upper
63 100
98 7.2 3.2 9.6
100 4.0 2.1 6.2

Manual Integrations
APPROVED

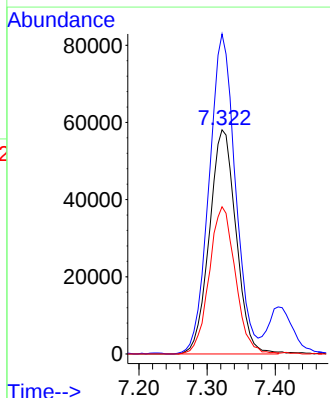
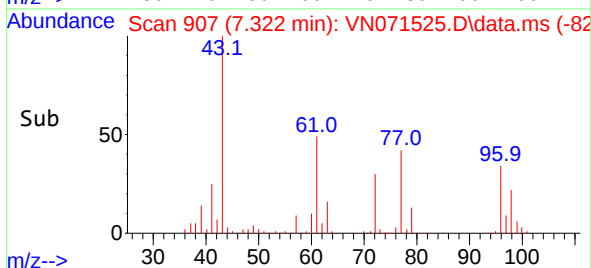
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

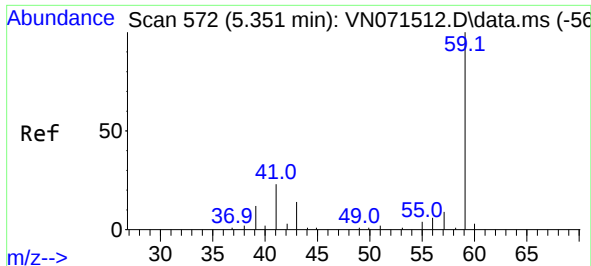


#22
cis-1,2-Dichloroethene
Concen: 19.971 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion: 96 Resp: 157892
Ion Ratio Lower Upper
96 100
61 140.8 115.7 173.5
98 64.4 51.6 77.4





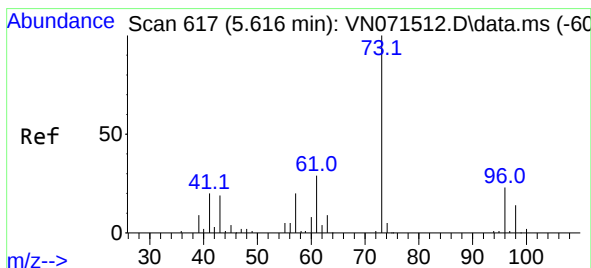
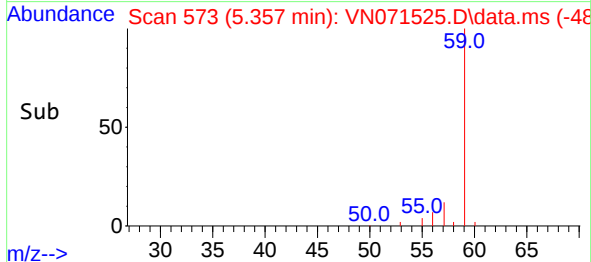
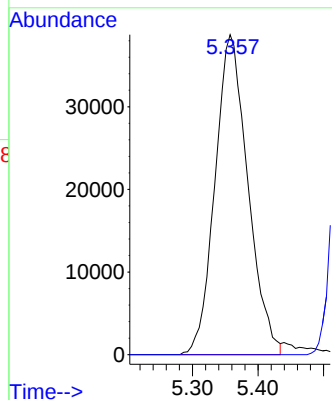
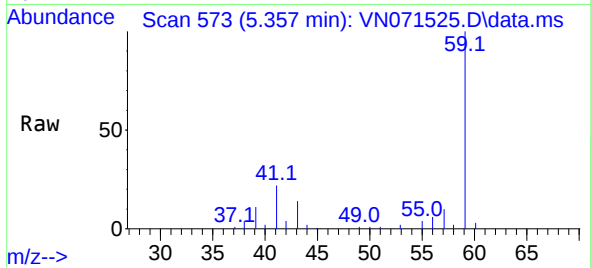
#23
tert-Butyl Alcohol
Concen: 97.304 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 134830
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

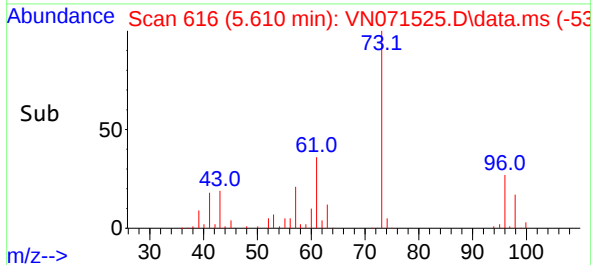
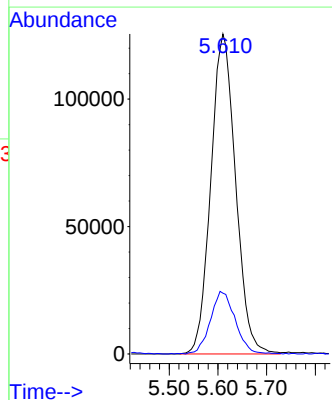
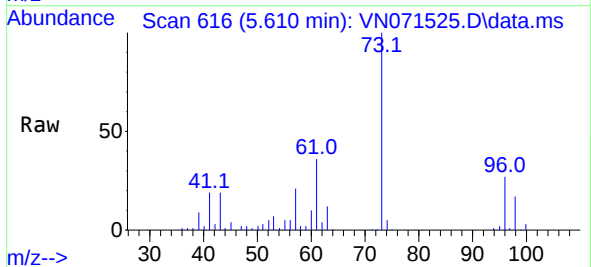
Manual Integrations
APPROVED

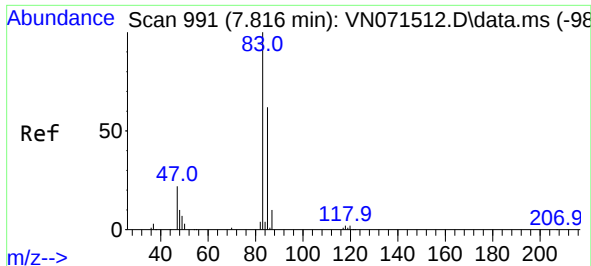
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 20.207 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

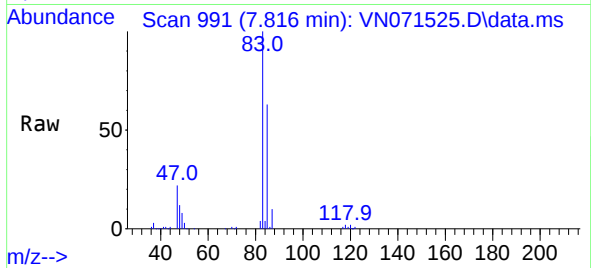
Tgt Ion: 73 Resp: 443700
Ion Ratio Lower Upper
73 100
43 19.5 18.1 27.1





#25
Chloroform
Concen: 20.827 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

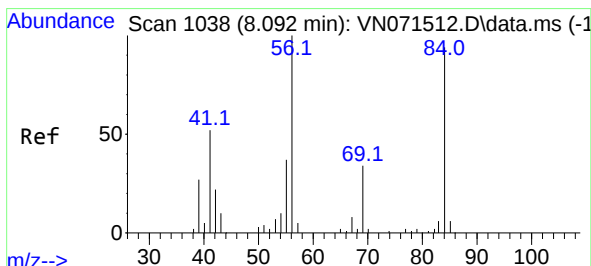
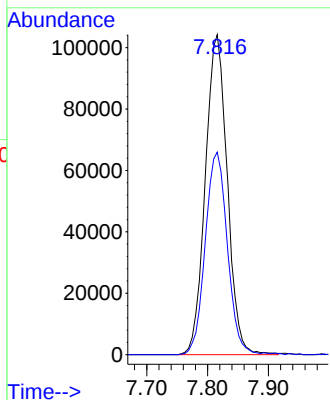
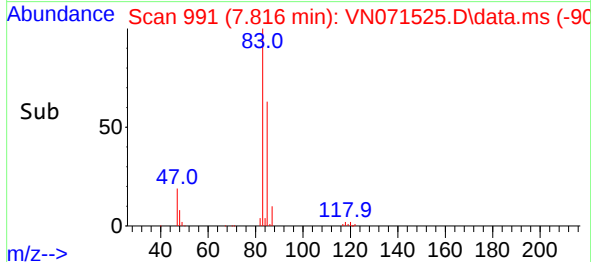
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



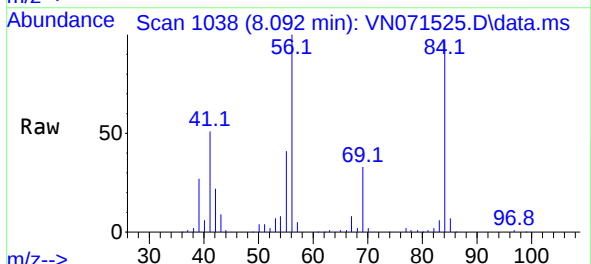
Tgt Ion: 83 Resp: 261118
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9

Manual Integrations
APPROVED

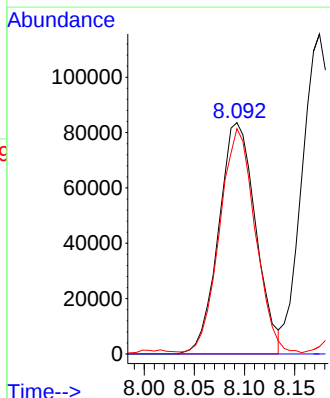
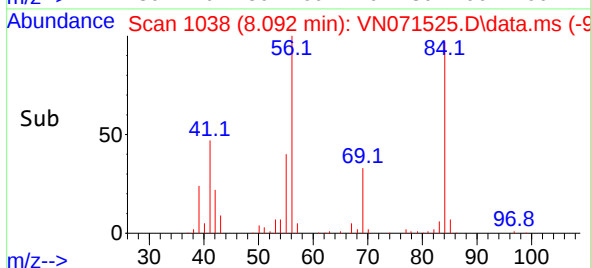
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

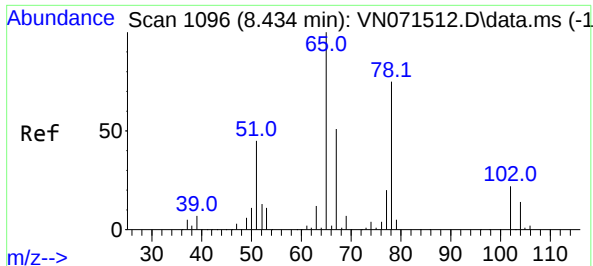


#26
Cyclohexane
Concen: 19.903 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



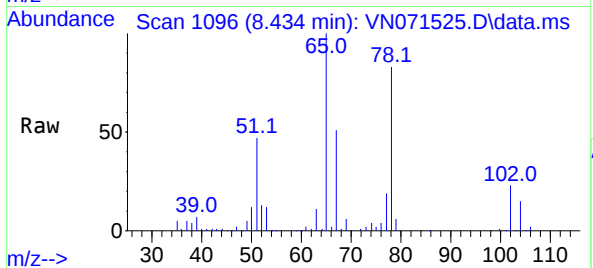
Tgt Ion: 56 Resp: 214463
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.777 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

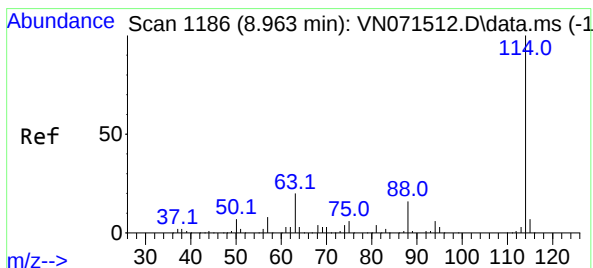
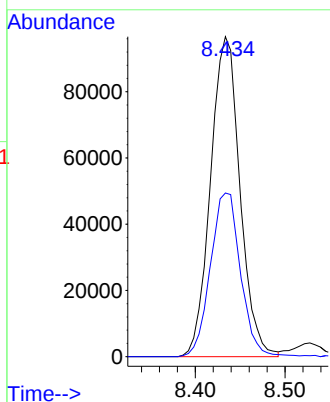
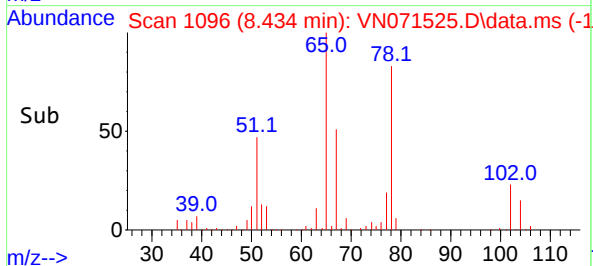
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



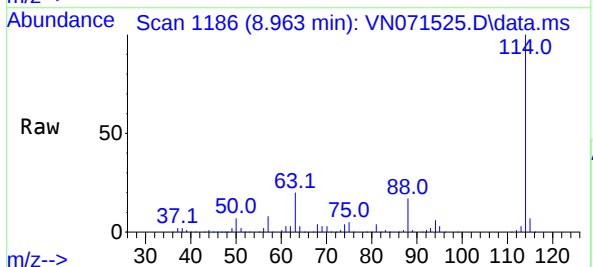
Tgt Ion: 65 Resp: 22032
Ion Ratio Lower Upper
65 100
67 52.2 40.2 60.2

Manual Integrations
APPROVED

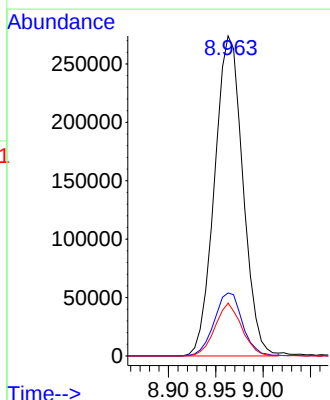
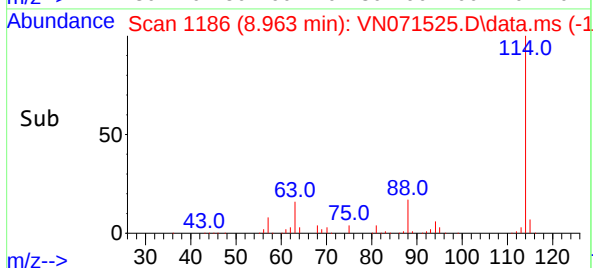
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

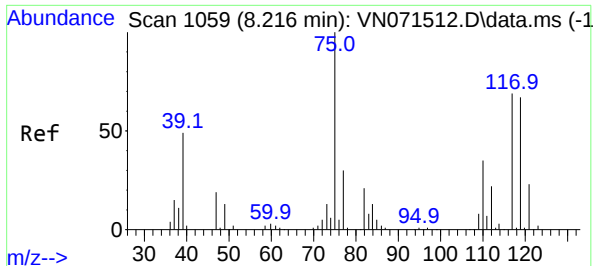


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion:114 Resp: 570025
Ion Ratio Lower Upper
114 100
63 19.7 15.8 23.6
88 15.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.351 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

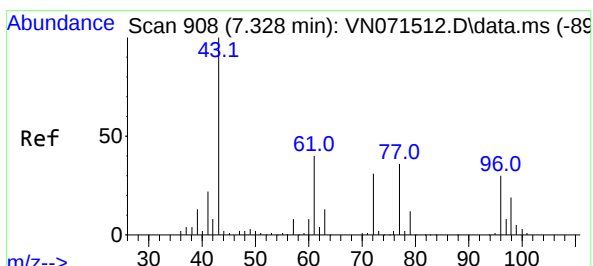
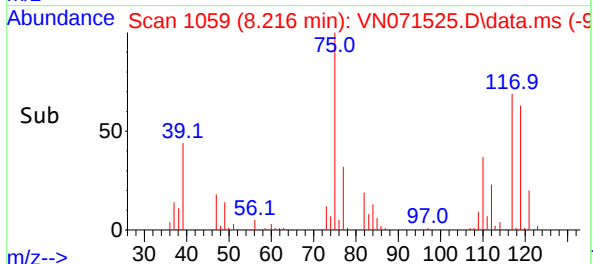
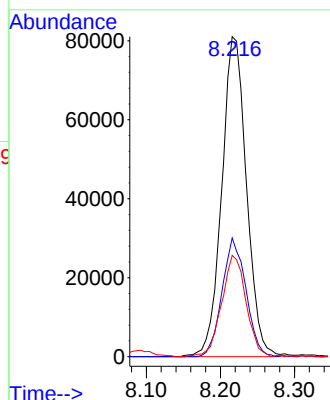
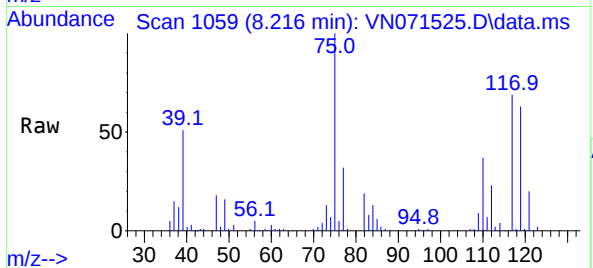
Tgt Ion: 75 Resp: 187770
Ion Ratio Lower Upper
75 100
110 35.6 0.0 74.2
77 31.2 0.0 63.2

Manual Integrations

APPROVED

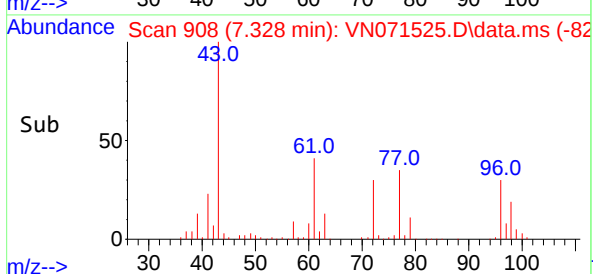
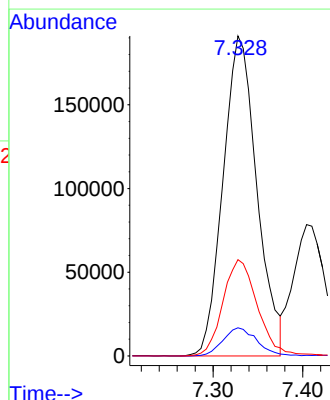
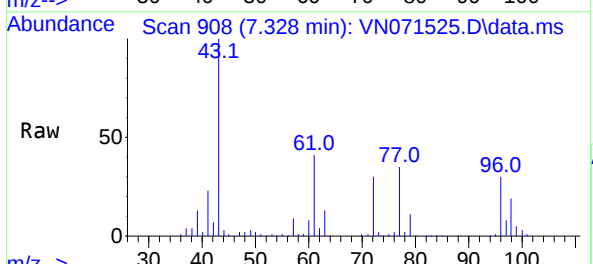
Reviewed By :John Carlone 03/25/2022

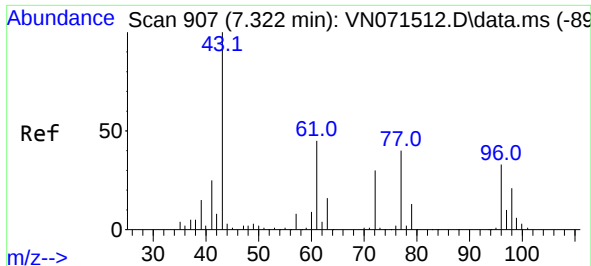
Supervised By :Mahesh Dadoda 03/25/2022



#30
2-Butanone
Concen: 97.526 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Tgt Ion: 43 Resp: 500875
Ion Ratio Lower Upper
43 100
57 8.8 6.7 10.1
72 30.7 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.819 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :

MSVOA_N

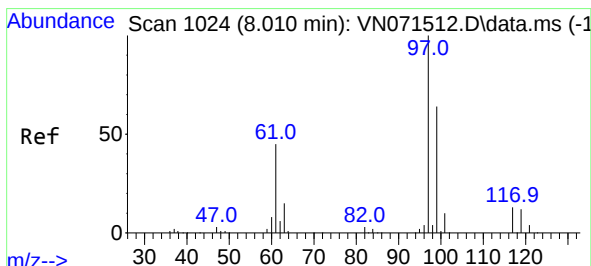
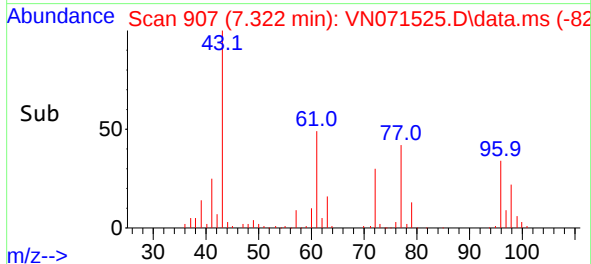
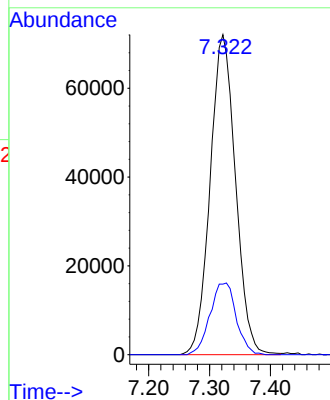
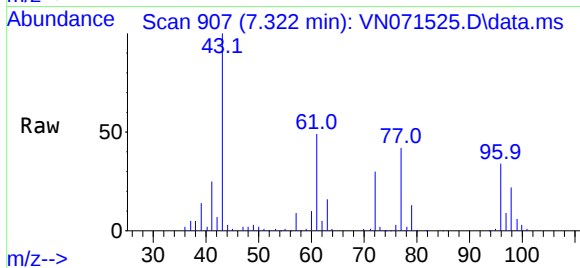
ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 20830
Ion Ratio Lower Upper
77 100
97 23.1 18.3 27.5

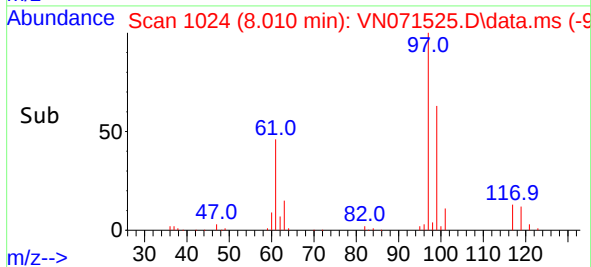
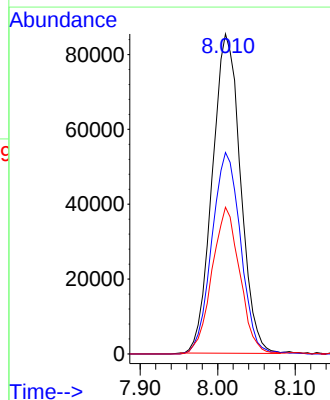
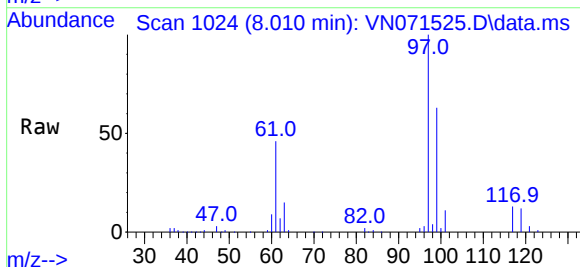
Manual Integrations
APPROVED

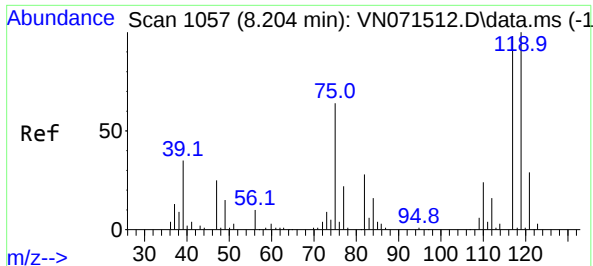
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#32
1,1,1-Trichloroethane
Concen: 20.075 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

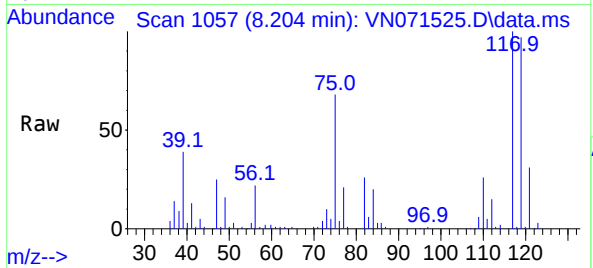
Tgt Ion: 97 Resp: 215726
Ion Ratio Lower Upper
97 100
99 64.5 50.4 75.6
61 45.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.833 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

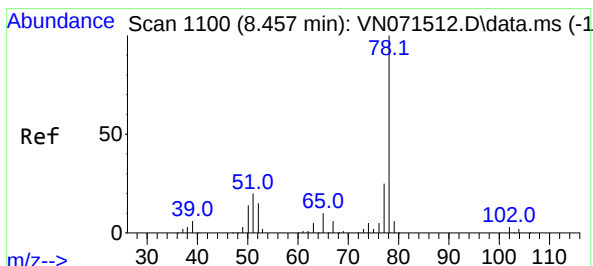
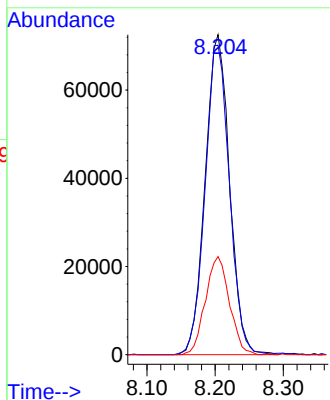
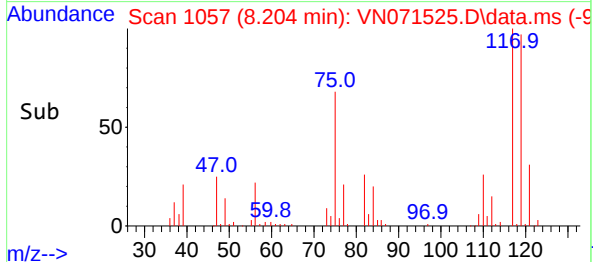
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



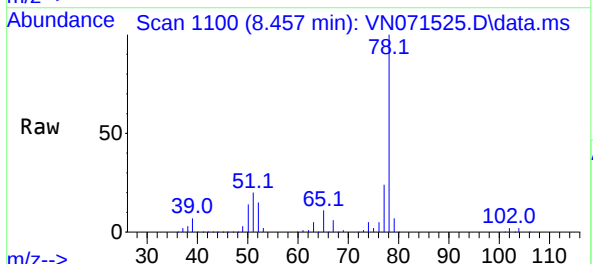
Tgt Ion:117 Resp: 180408
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
121 30.6 23.5 35.3

Manual Integrations
APPROVED

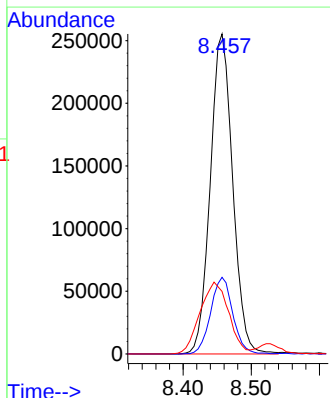
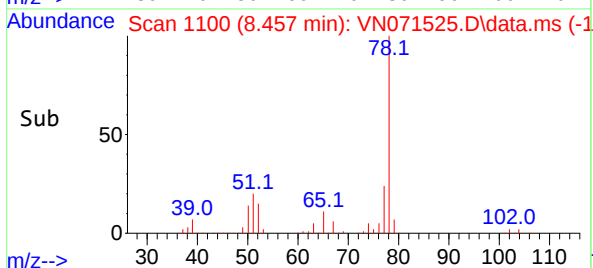
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

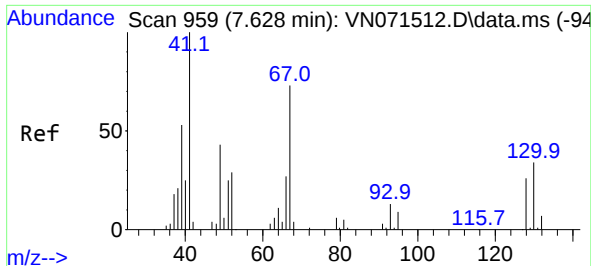


#34
Benzene
Concen: 20.402 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion: 78 Resp: 584848
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 19.3 16.0 24.0





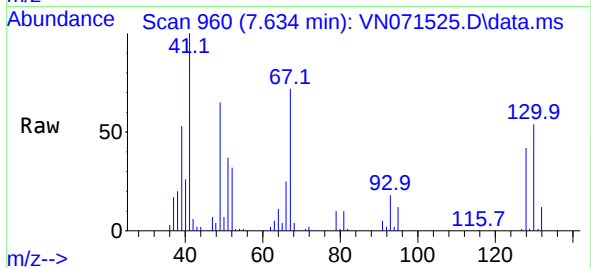
#35
Methacrylonitrile
Concen: 19.097 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

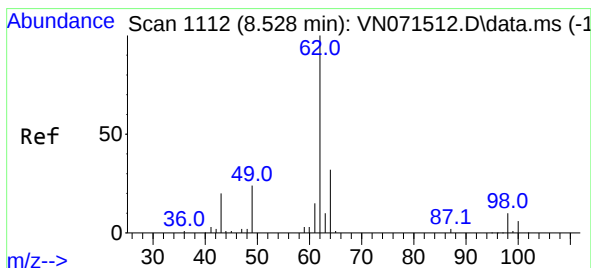
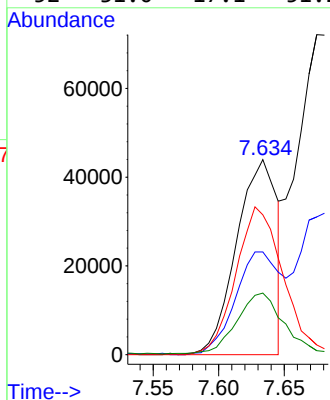
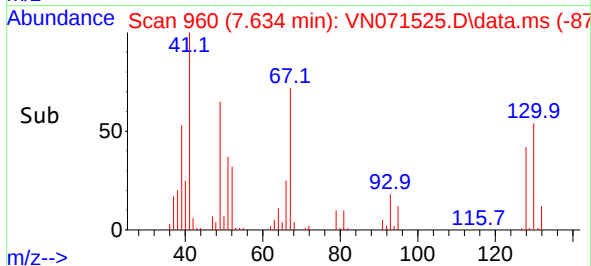


Tgt Ion: 41 Resp: 9410
Ion Ratio Lower Upper
41 100
39 52.7 28.0 83.9
67 71.7 37.7 113.1
52 31.0 17.1 51.2

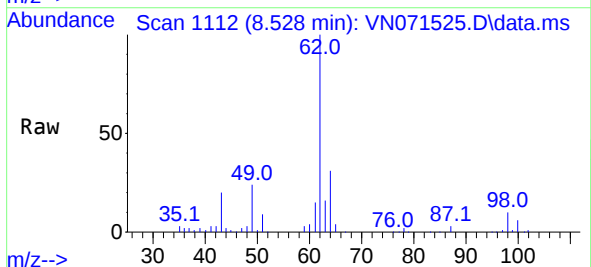
Manual Integrations

APPROVED

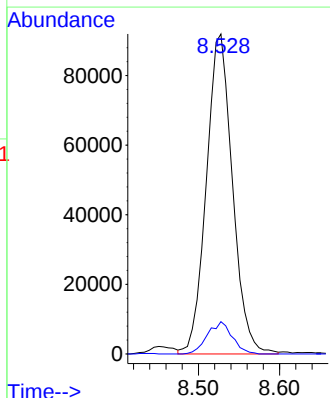
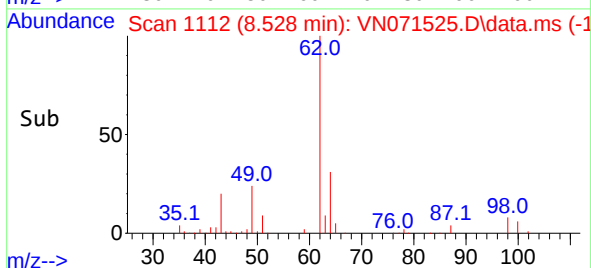
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

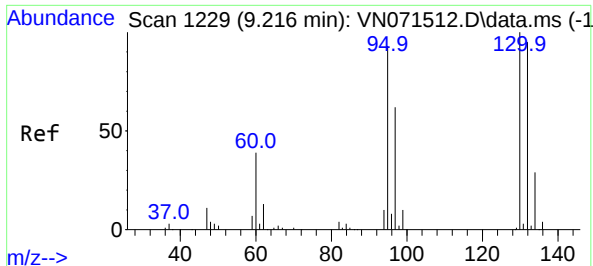


#36
1,2-Dichloroethane
Concen: 20.583 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



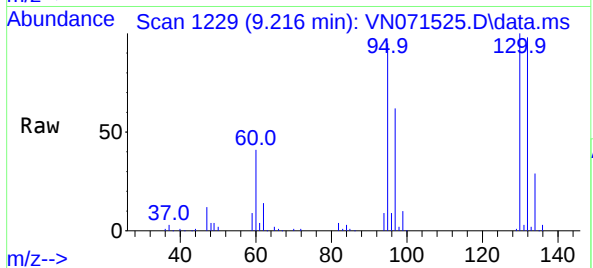
Tgt Ion: 62 Resp: 205836
Ion Ratio Lower Upper
62 100
98 9.6 6.6 10.0





#37
Trichloroethene
Concen: 19.908 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

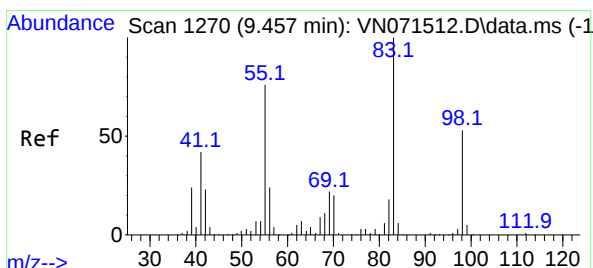
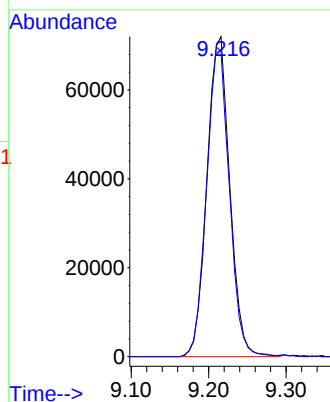
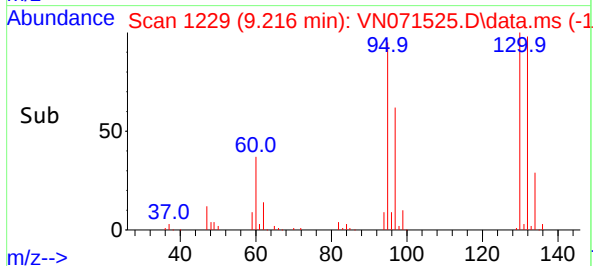
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



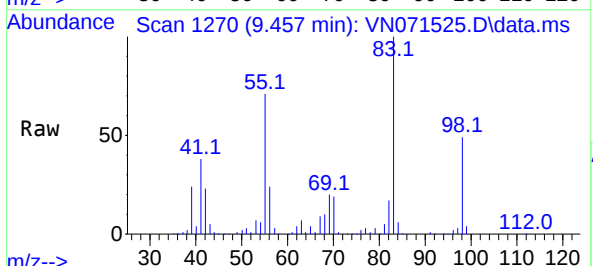
Tgt Ion:130 Resp: 14725
Ion Ratio Lower Upper
130 100
95 95.4 76.6 115.0

Manual Integrations
APPROVED

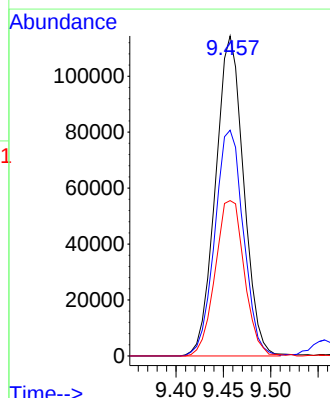
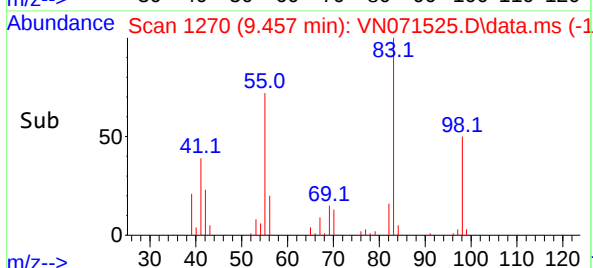
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

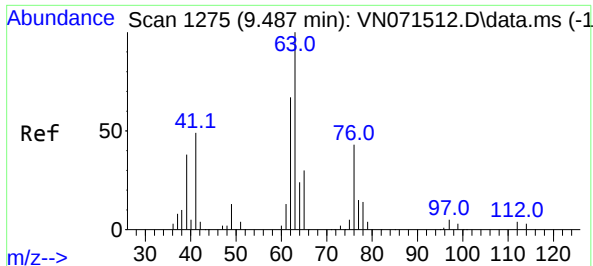


#38
Methylcyclohexane
Concen: 20.297 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion: 83 Resp: 236047
Ion Ratio Lower Upper
83 100
55 72.0 35.1 105.3
98 50.4 23.4 70.2





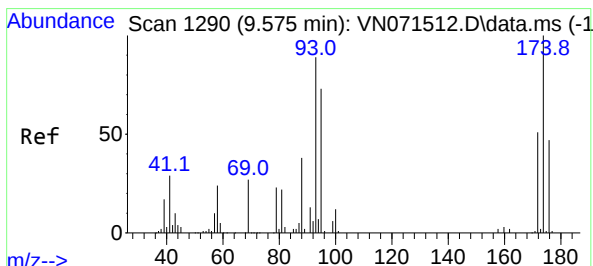
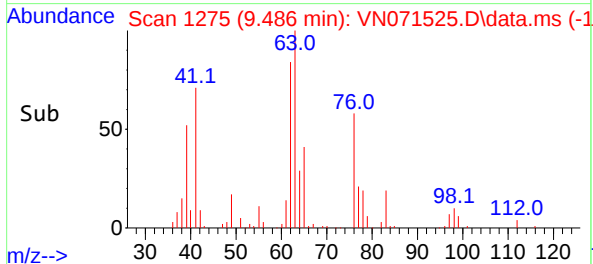
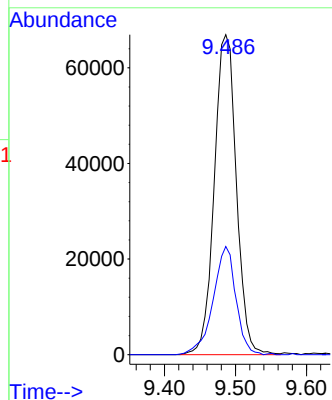
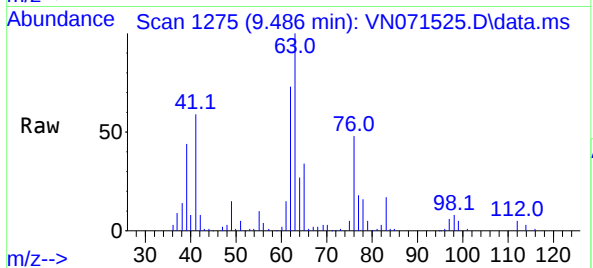
#39
1,2-Dichloropropane
Concen: 20.146 ug/l
RT: 9.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 14448
Ion Ratio Lower Upper
63 100
65 33.8 24.2 36.4

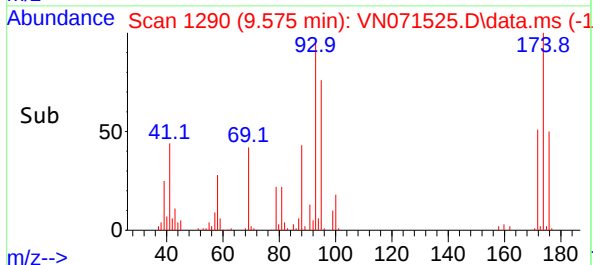
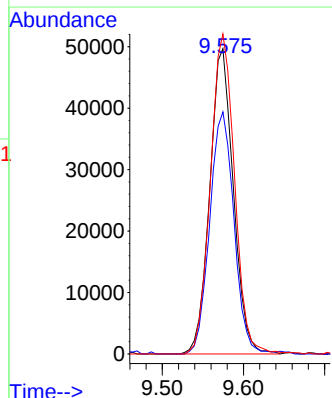
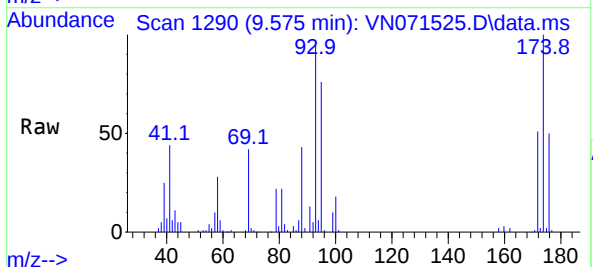
Manual Integrations
APPROVED

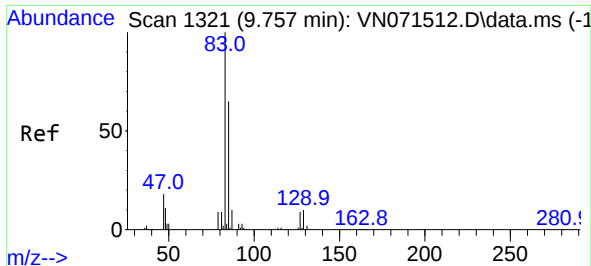
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#40
Dibromomethane
Concen: 20.674 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

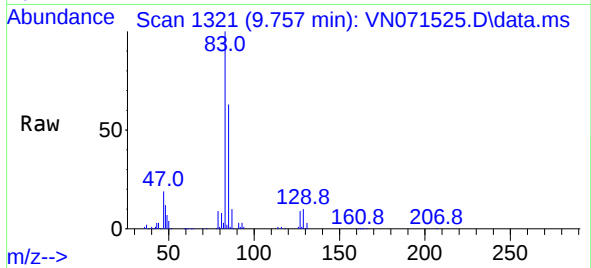
Tgt Ion: 93 Resp: 100362
Ion Ratio Lower Upper
93 100
95 81.3 0.0 168.8
174 106.7 0.0 173.6





#41
Bromodichloromethane
Concen: 19.985 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

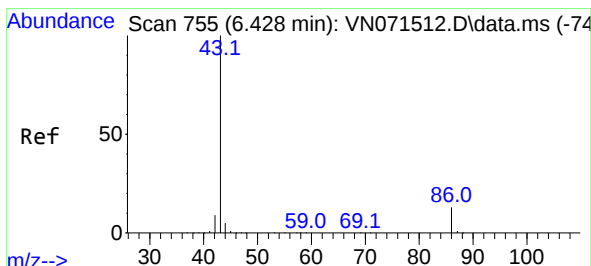
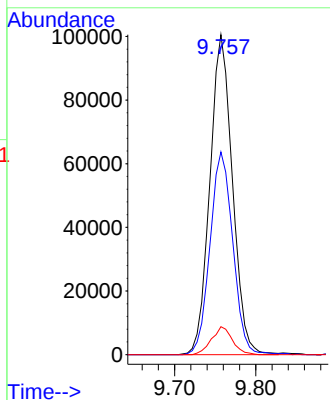
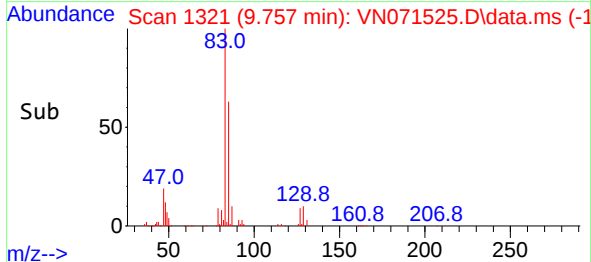
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



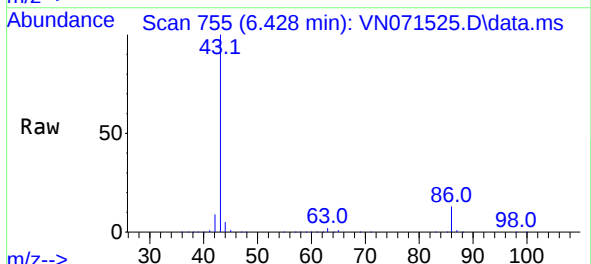
Tgt Ion: 83 Resp: 19414
Ion Ratio Lower Upper
83 100
85 63.3 54.1 81.1
127 8.8 7.6 11.4

Manual Integrations
APPROVED

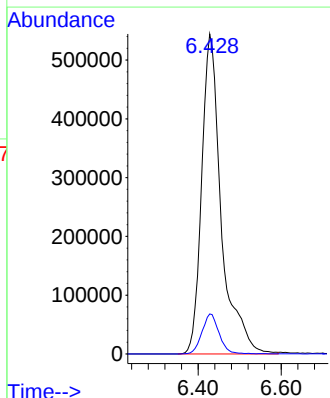
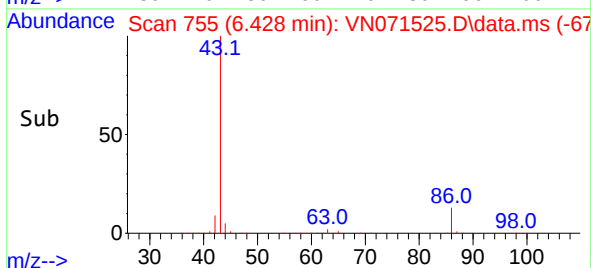
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

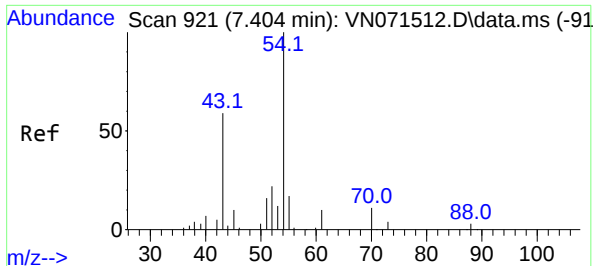


#42
Vinyl Acetate
Concen: 101.400 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



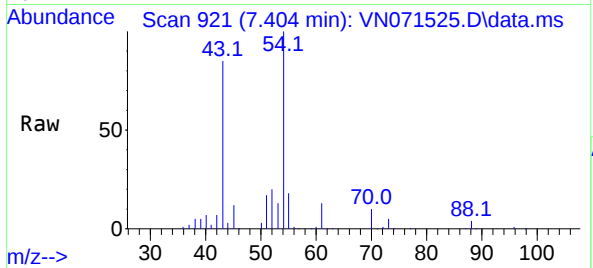
Tgt Ion: 43 Resp: 1784381
Ion Ratio Lower Upper
43 100
86 10.9 7.5 11.3





#43
Ethyl Acetate
Concen: 19.570 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

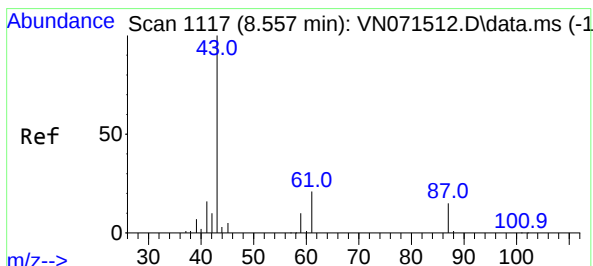
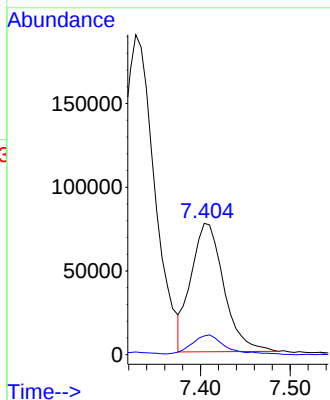
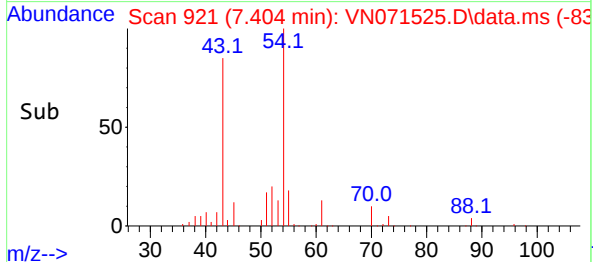
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



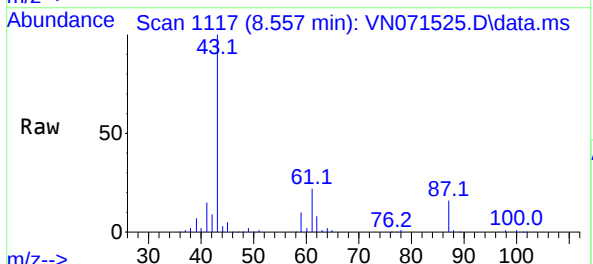
Tgt Ion: 43 Resp: 194890
Ion Ratio Lower Upper
43 100
45 13.5 10.6 16.0

Manual Integrations
APPROVED

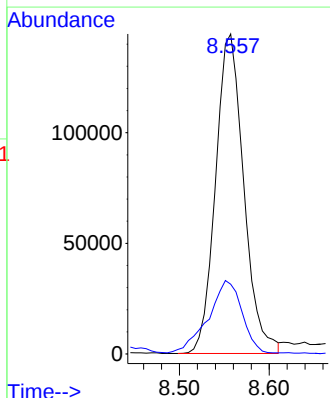
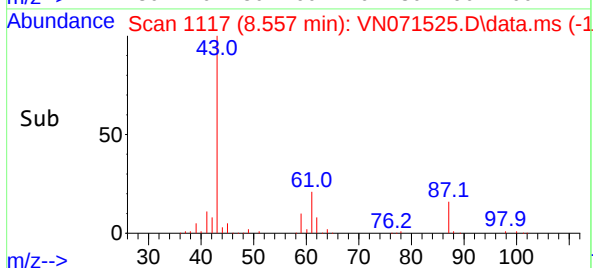
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

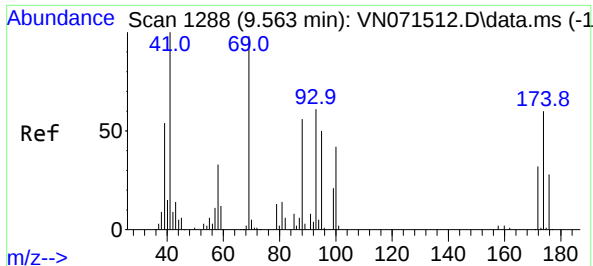


#44
Isopropyl Acetate
Concen: 19.749 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



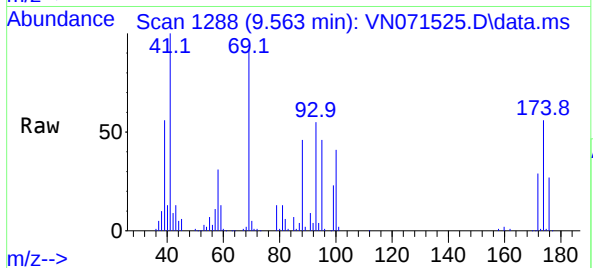
Tgt Ion: 43 Resp: 315442
Ion Ratio Lower Upper
43 100
61 27.1 20.1 30.1





#45
1,4-Dioxane
Concen: 405.620 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

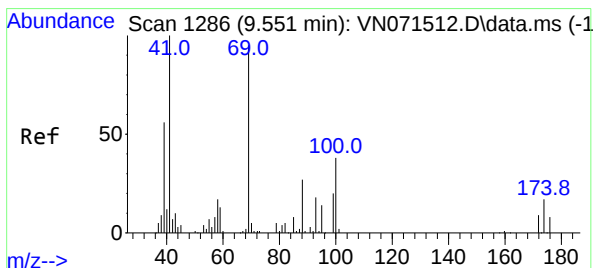
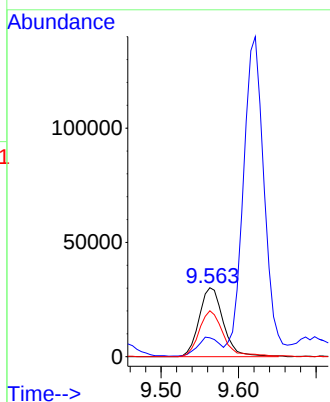
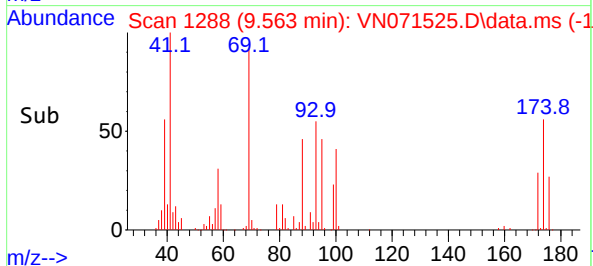
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



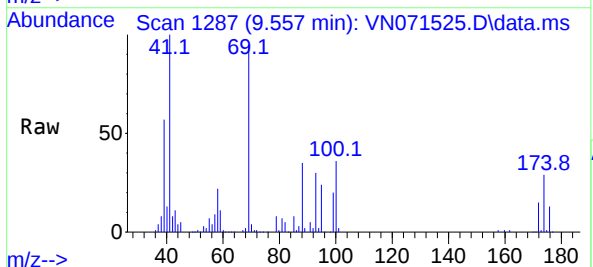
Tgt Ion: 88 Resp: 6536
Ion Ratio Lower Upper
88 100
43 24.5 25.0 37.6
58 64.8 49.4 74.2

Manual Integrations
APPROVED

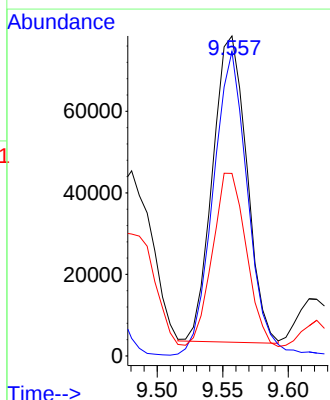
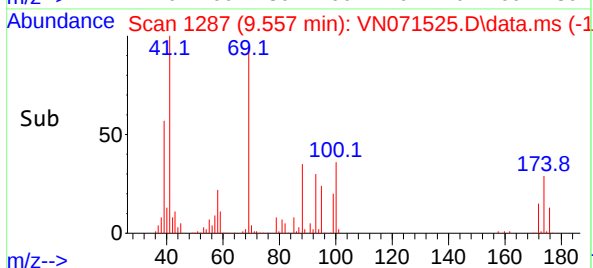
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

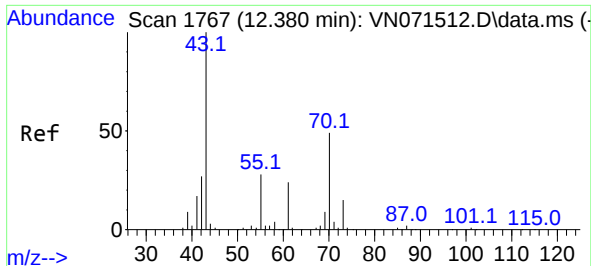


#46
Methyl methacrylate
Concen: 19.391 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



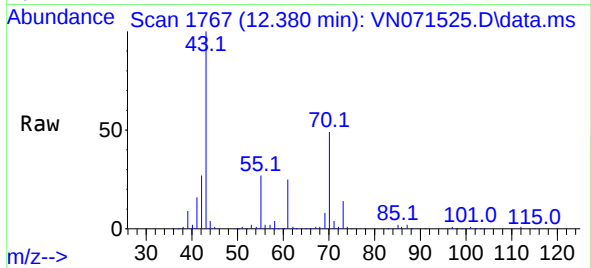
Tgt Ion: 41 Resp: 135820
Ion Ratio Lower Upper
41 100
69 99.2 44.4 133.2
39 56.8 39.9 119.6





#47
n-amy1 Acetate
Concen: 19.086 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

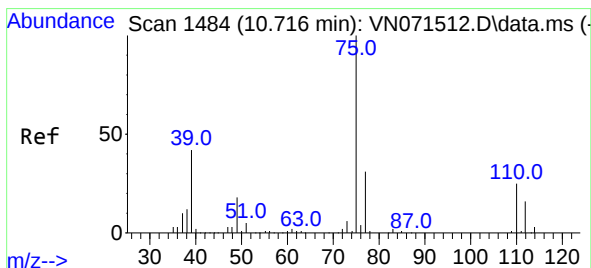
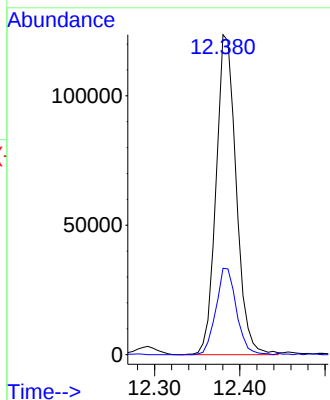
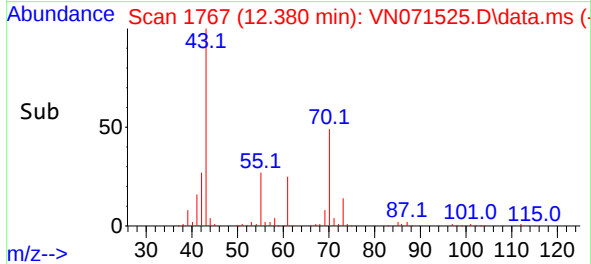
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



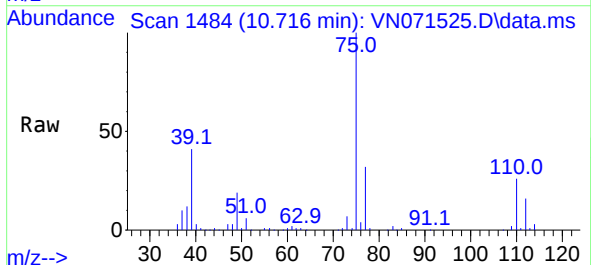
Tgt Ion: 43 Resp: 203428
Ion Ratio Lower Upper
43 100
55 27.4 19.0 28.6

Manual Integrations
APPROVED

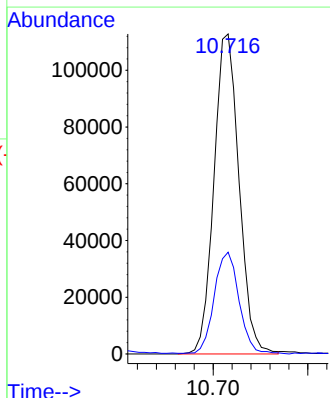
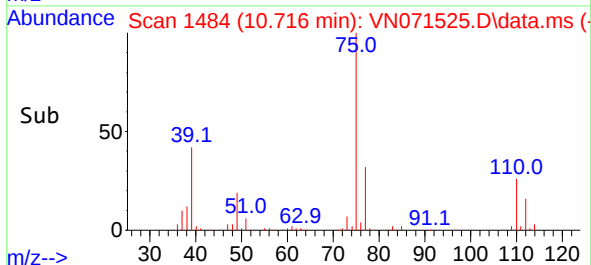
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

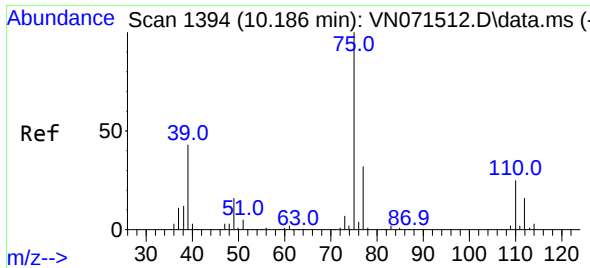


#48
t-1,3-Dichloropropene
Concen: 19.649 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion: 75 Resp: 207468
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.888 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: VN071525.D
 Acq: 24 Mar 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

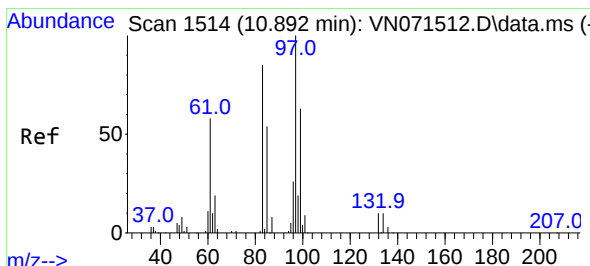
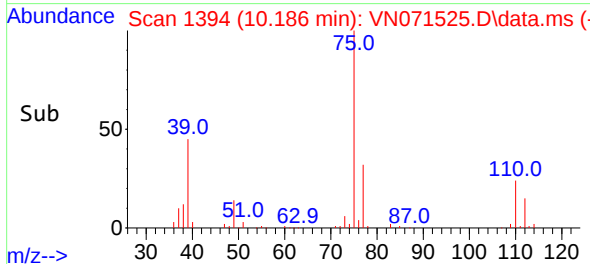
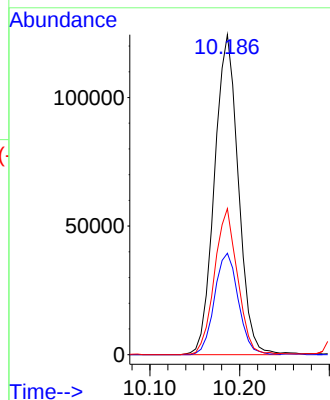
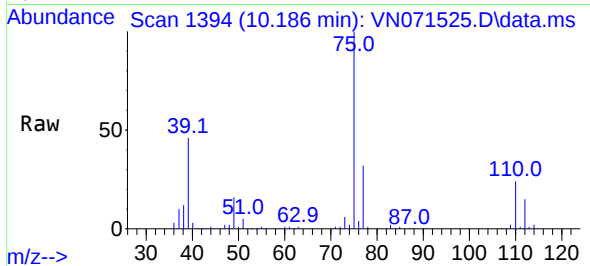
VSTDCCC020EC

Tgt Ion: 75 Resp: 229638
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 45.7 46.2 69.4

Manual Integrations

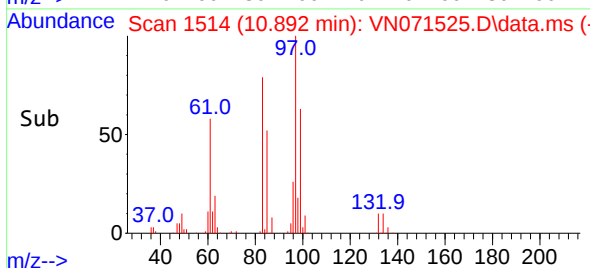
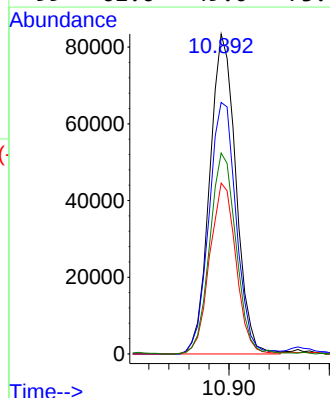
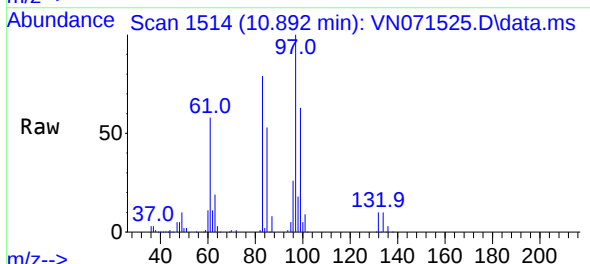
APPROVED

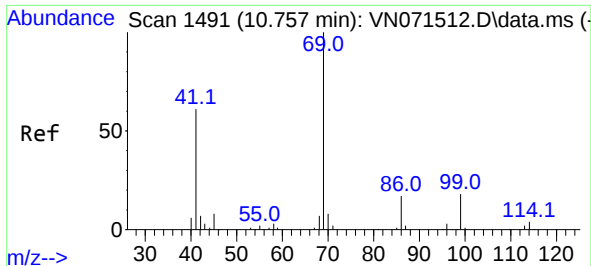
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.826 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN071525.D
 Acq: 24 Mar 2022 17:09

Tgt Ion: 97 Resp: 151135
 Ion Ratio Lower Upper
 97 100
 83 78.6 67.2 100.8
 85 53.2 43.0 64.4
 99 62.6 49.0 73.4





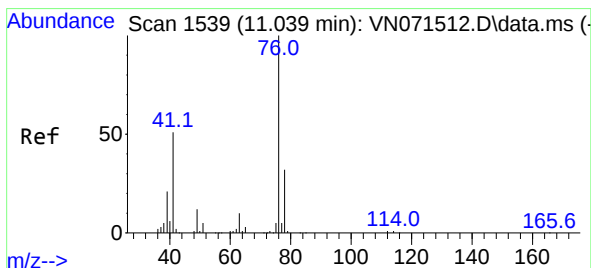
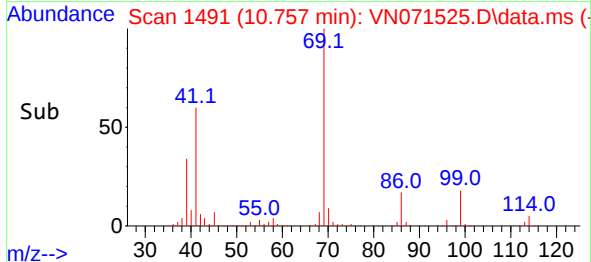
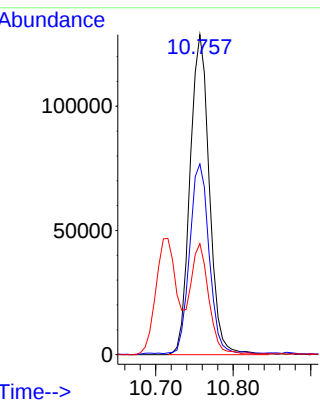
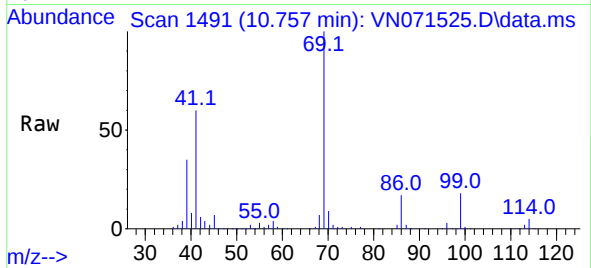
#51
Ethyl methacrylate
Concen: 19.895 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 222923
Ion Ratio Lower Upper
69 100
41 59.1 33.0 98.9
39 34.5 25.4 76.4

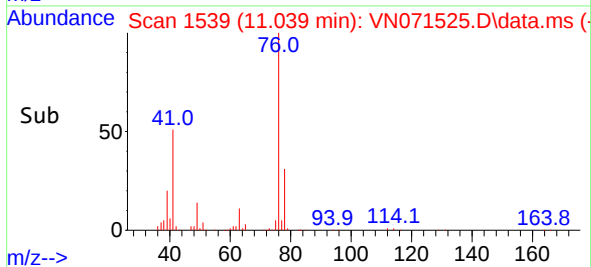
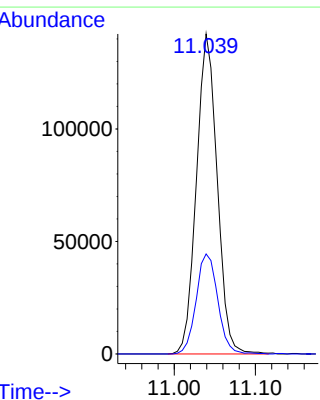
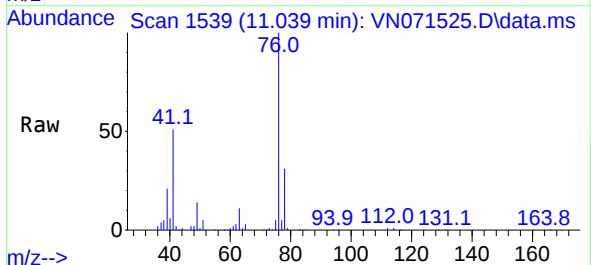
Manual Integrations
APPROVED

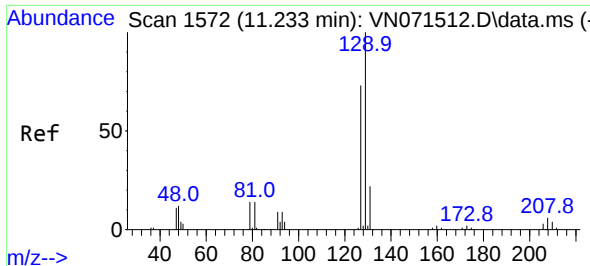
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#52
1,3-Dichloropropane
Concen: 20.339 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

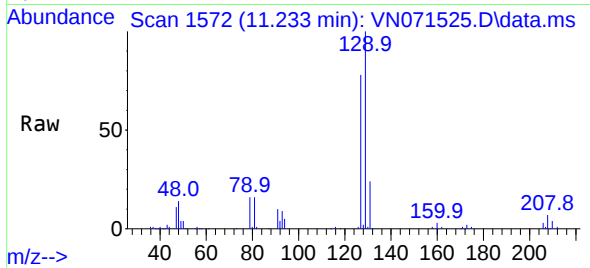
Tgt Ion: 76 Resp: 252066
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 19.383 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

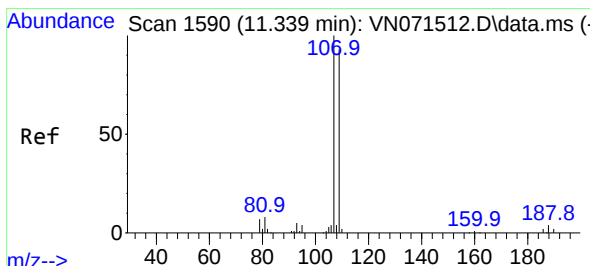
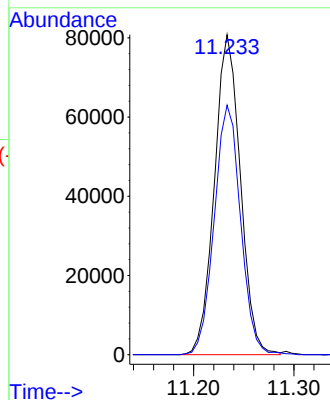
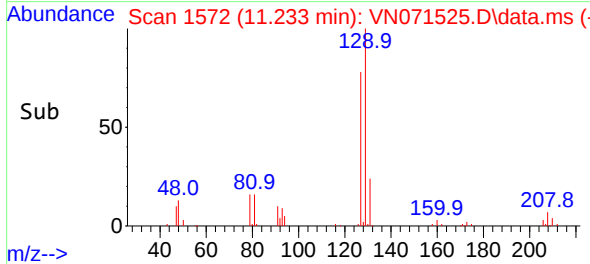
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



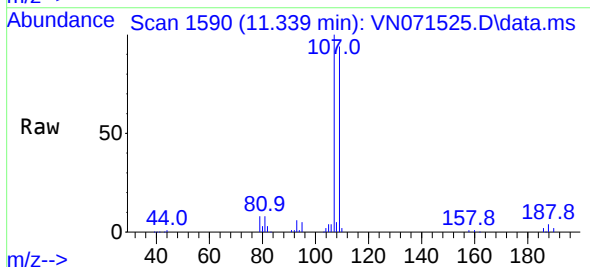
Tgt Ion:129 Resp: 145612
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

Manual Integrations
APPROVED

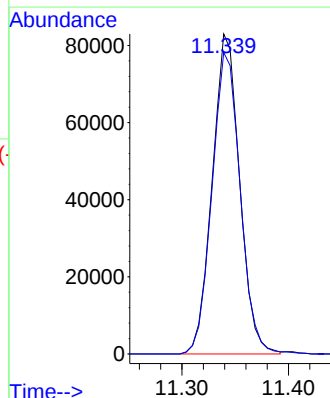
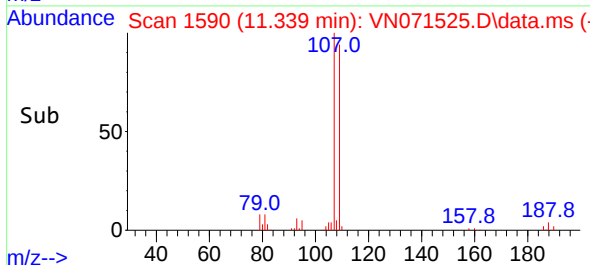
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

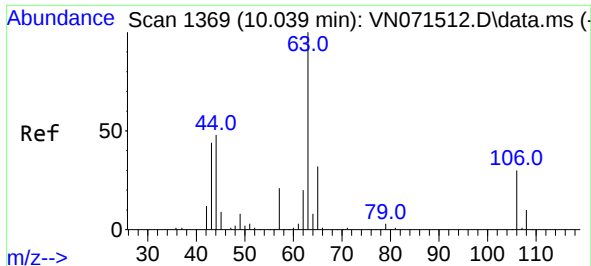


#54
1,2-Dibromoethane
Concen: 19.835 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



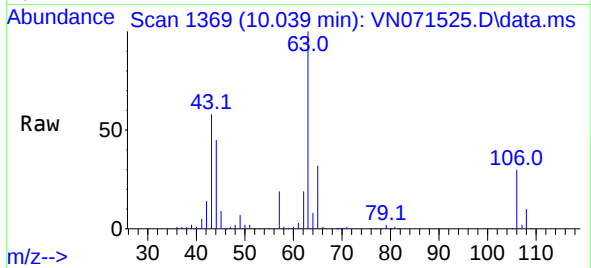
Tgt Ion:107 Resp: 148070
Ion Ratio Lower Upper
107 100
109 97.1 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 88.389 ug/l
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

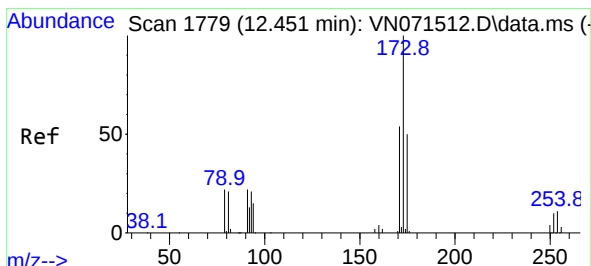
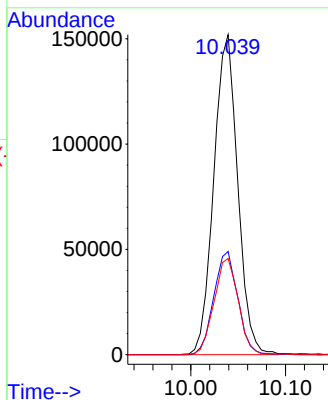
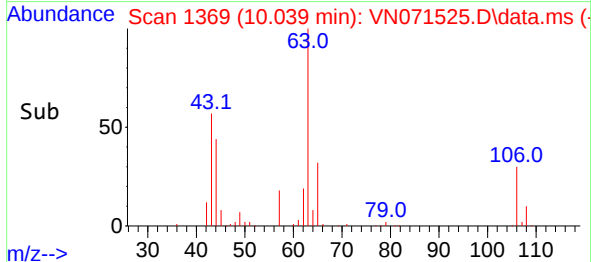
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



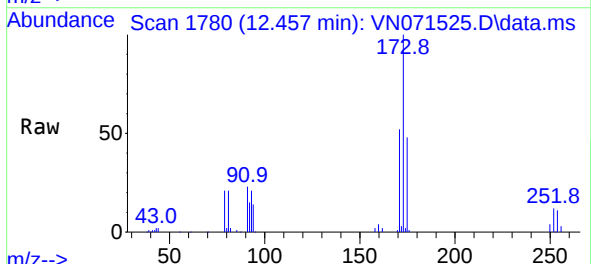
Tgt Ion: 63 Resp: 266840
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 30.5 23.2 34.8

Manual Integrations
APPROVED

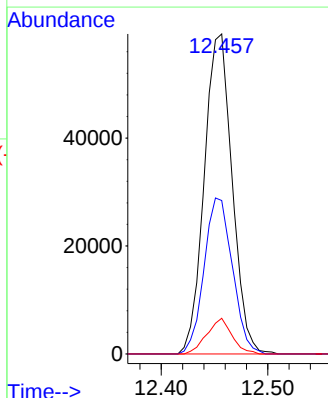
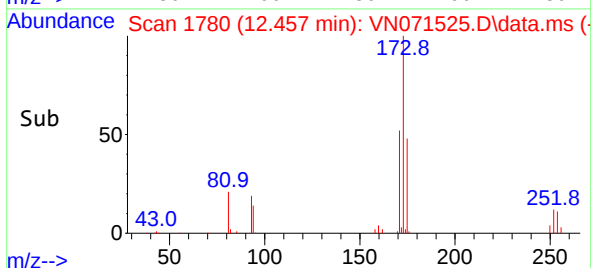
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

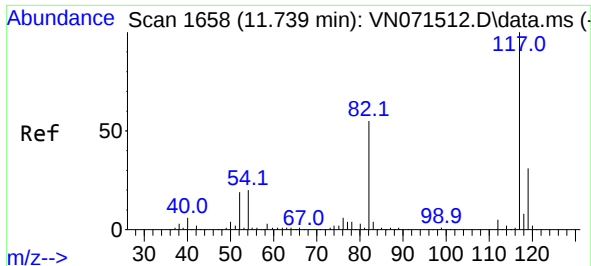


#56
Bromoform
Concen: 18.660 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion:173 Resp: 108080
Ion Ratio Lower Upper
173 100
175 49.5 38.6 58.0
254 10.0 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

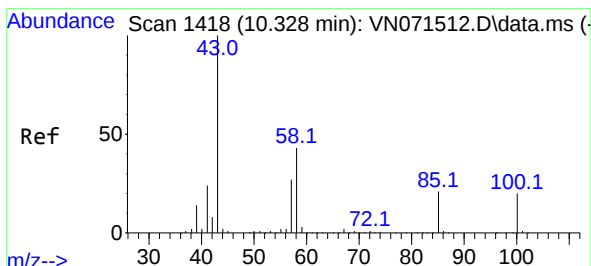
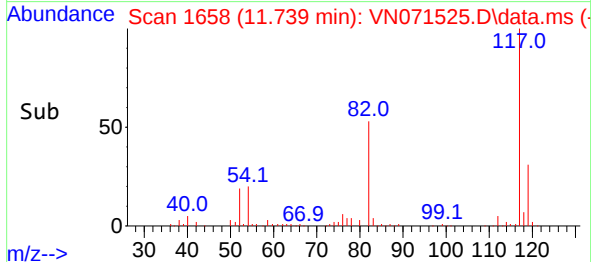
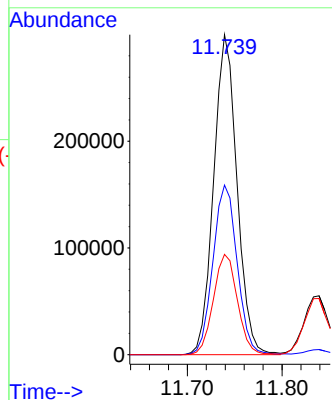
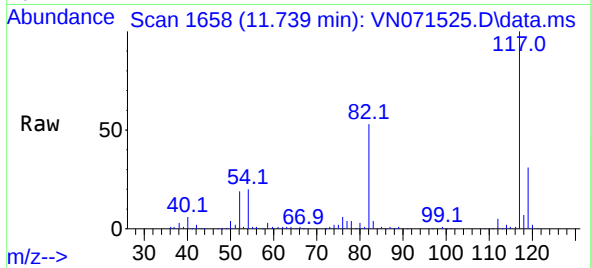
VSTDCCC020EC

Tgt Ion:117 Resp: 513879
Ion Ratio Lower Upper
117 100
82 55.0 43.6 65.4
119 32.3 25.8 38.6

Manual Integrations

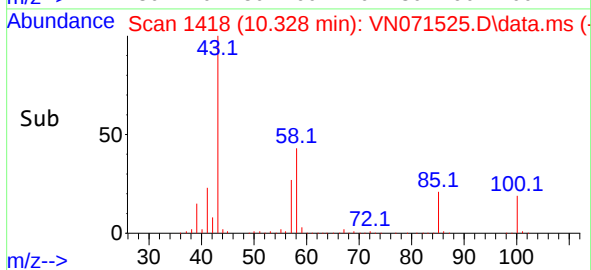
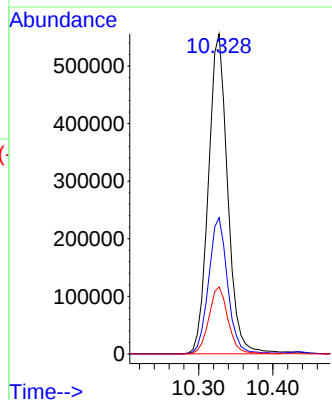
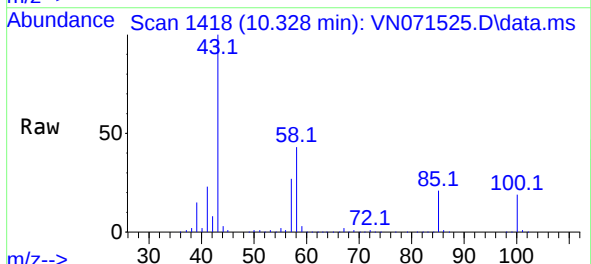
APPROVED

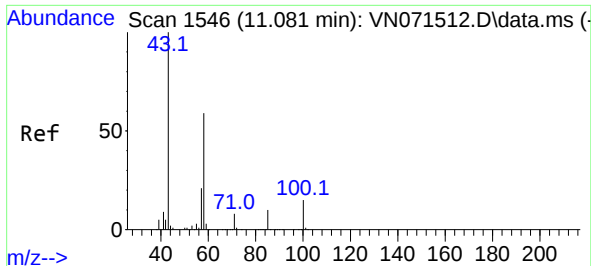
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#58
4-Methyl-2-Pentanone
Concen: 102.522 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

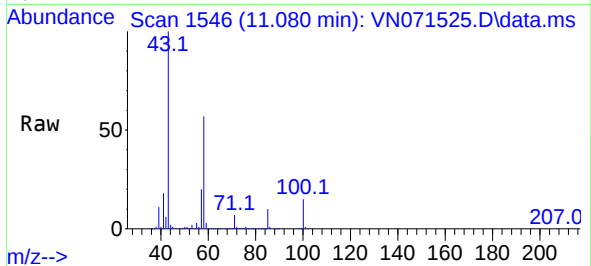
Tgt Ion: 43 Resp: 1000091
Ion Ratio Lower Upper
43 100
58 42.3 30.0 45.0
85 20.8 15.0 22.6





#59
2-Hexanone
Concen: 100.241 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

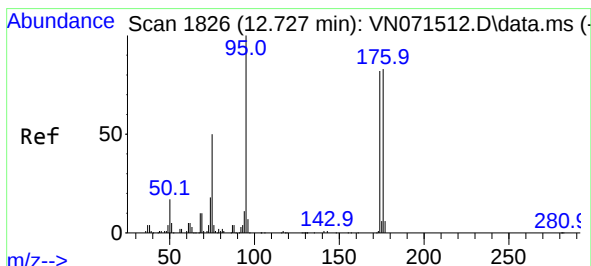
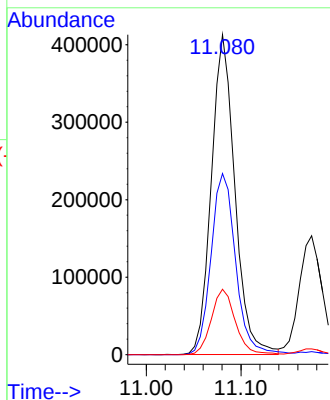
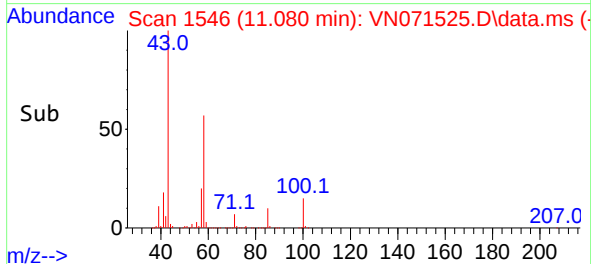
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



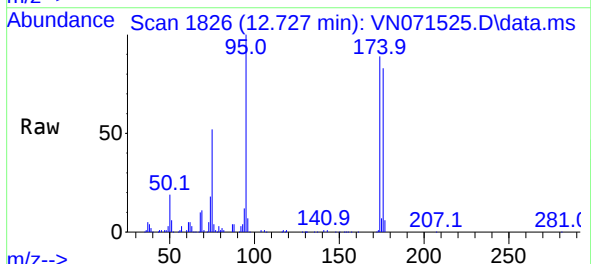
Tgt Ion: 43 Resp: 71393
Ion Ratio Lower Upper
43 100
58 59.3 42.2 63.2
57 20.9 15.0 22.4

Manual Integrations
APPROVED

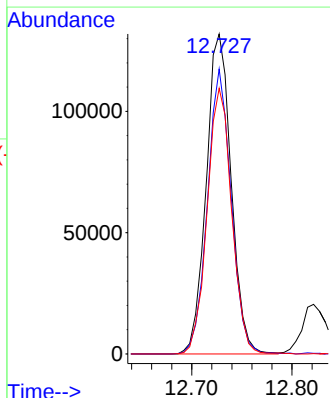
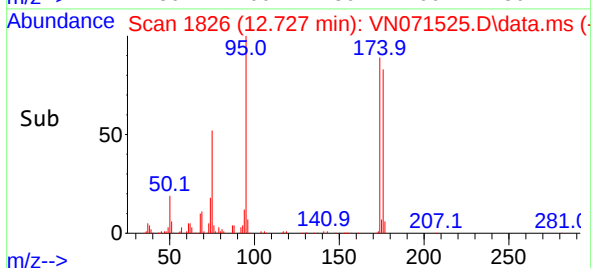
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

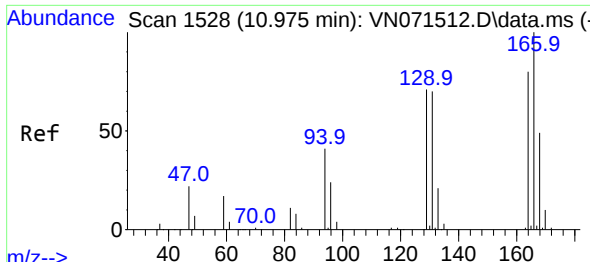


#60
4-Bromofluorobenzene
Concen: 29.931 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



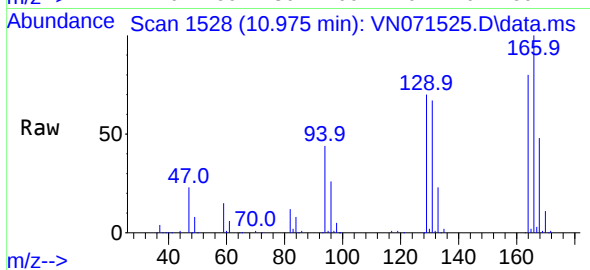
Tgt Ion: 95 Resp: 228060
Ion Ratio Lower Upper
95 100
174 84.8 62.9 94.3
176 81.5 61.0 91.4





#61
Tetrachloroethene
Concen: 20.788 ug/l
RT: 10.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

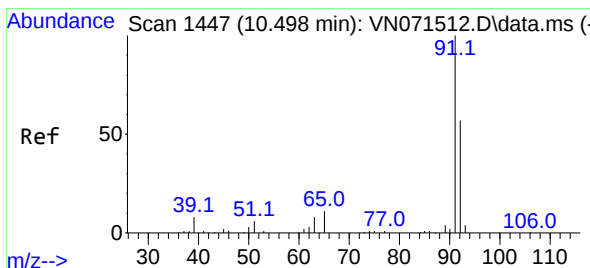
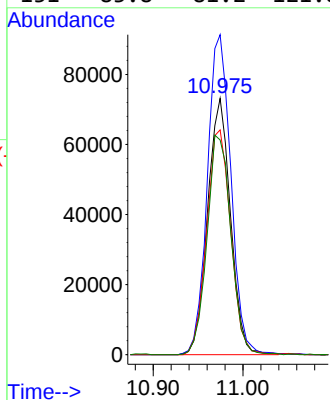
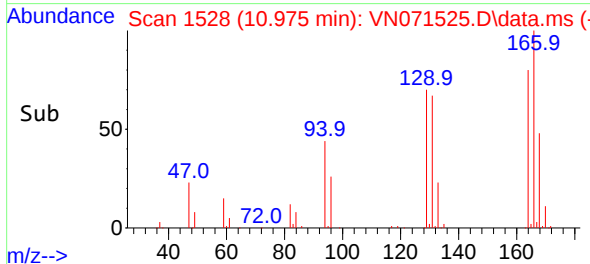
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



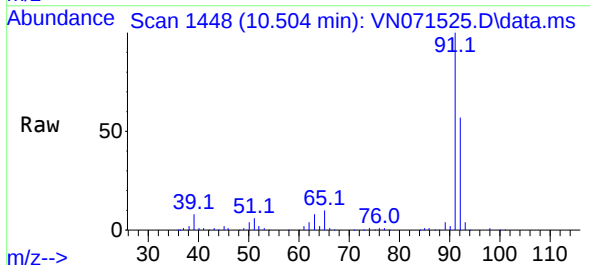
Tgt Ion:164 Resp: 130012
Ion Ratio Lower Upper
164 100
166 124.8 105.8 158.8
129 87.7 82.5 123.7
131 83.8 81.2 121.8

Manual Integrations
APPROVED

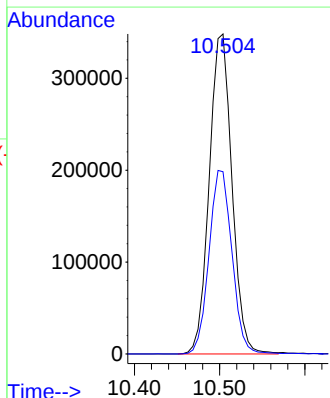
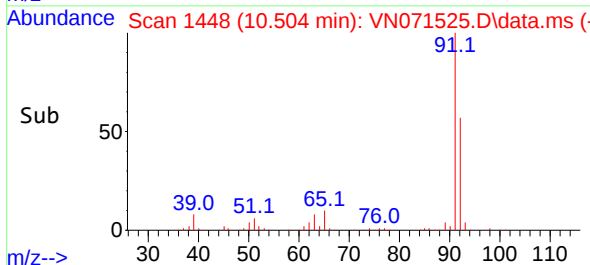
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

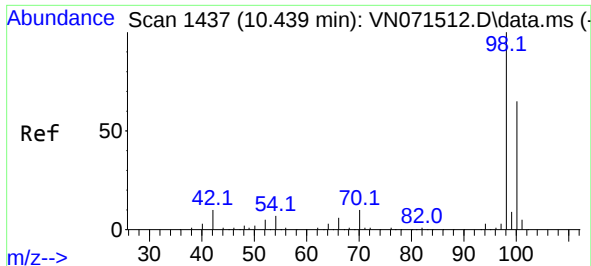


#62
Toluene
Concen: 20.701 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



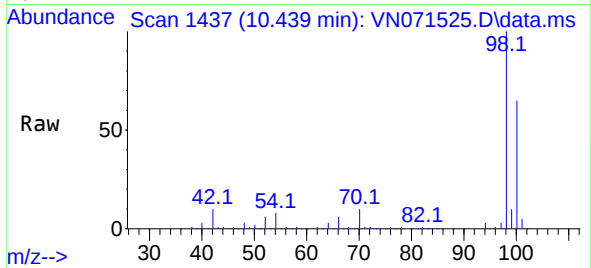
Tgt Ion: 91 Resp: 645046
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





#63
Toluene-d8
Concen: 30.783 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

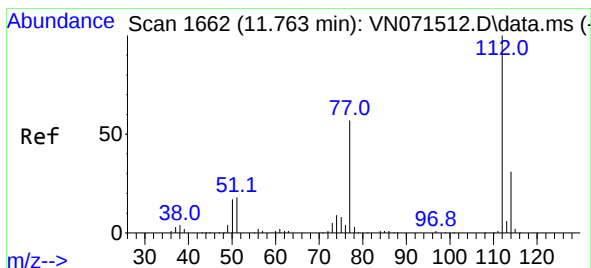
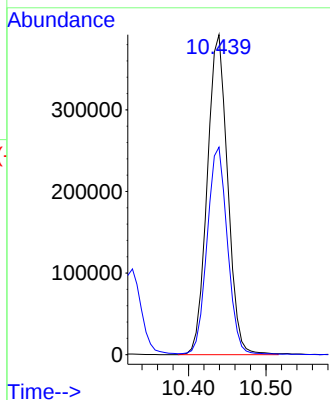
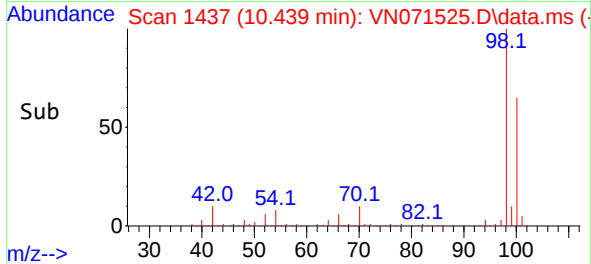
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



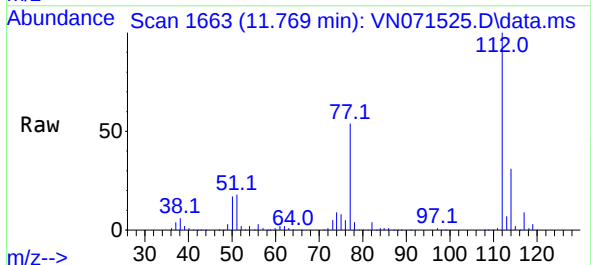
Tgt Ion: 98 Resp: 718088
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0

Manual Integrations
APPROVED

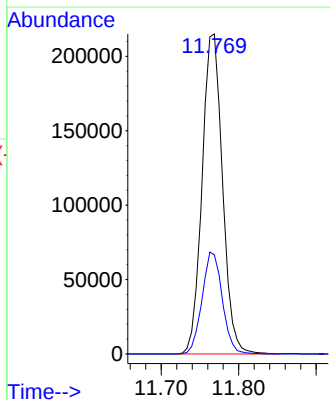
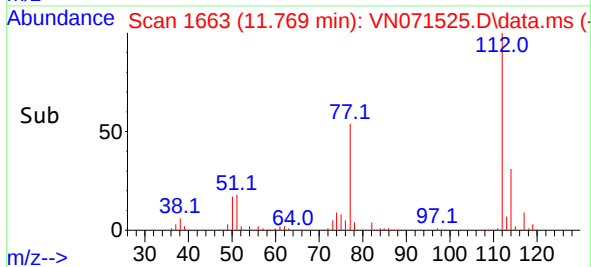
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

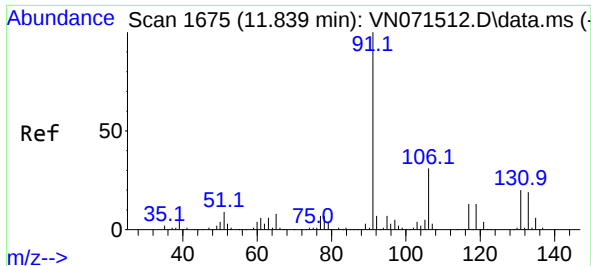


#64
Chlorobenzene
Concen: 20.467 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



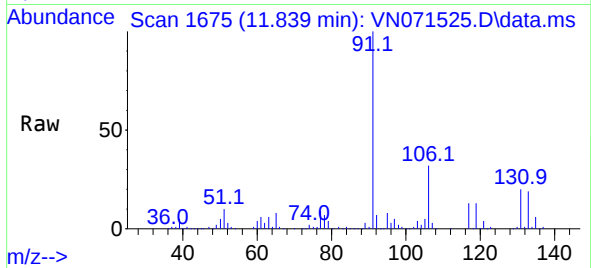
Tgt Ion:112 Resp: 393377
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.448 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

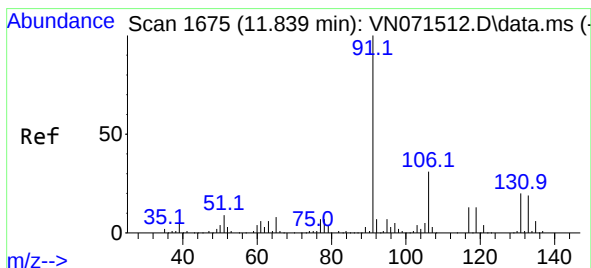
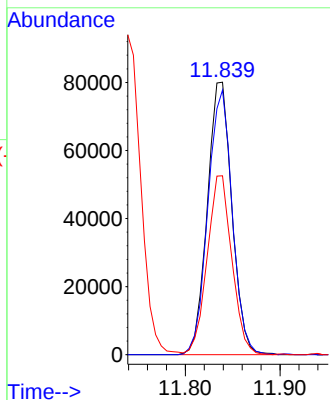
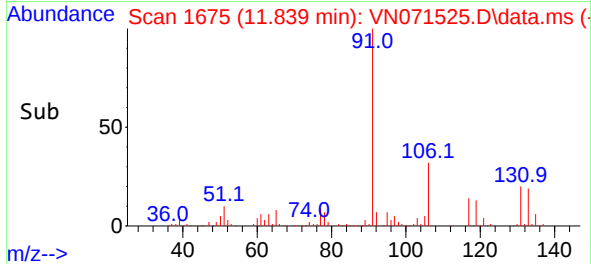
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 144178
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.2
119 65.9 0.0 128.8

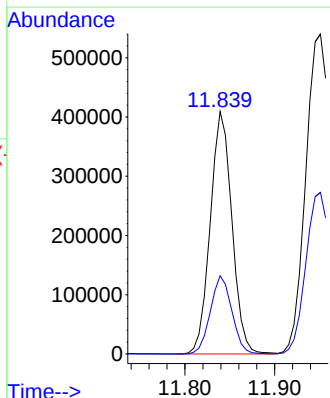
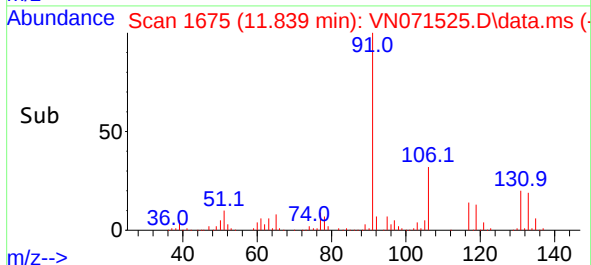
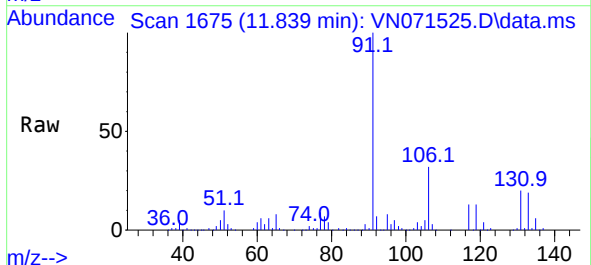
Manual Integrations
APPROVED

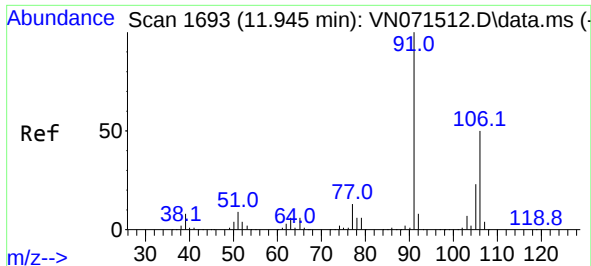
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#66
Ethyl Benzene
Concen: 20.299 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

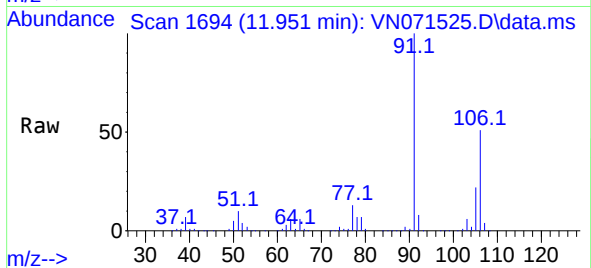
Tgt Ion: 91 Resp: 687366
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0





#67
m/p-Xylenes
Concen: 40.923 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

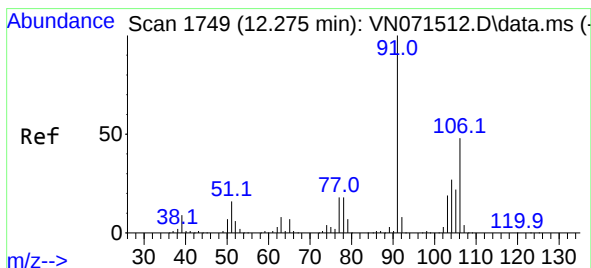
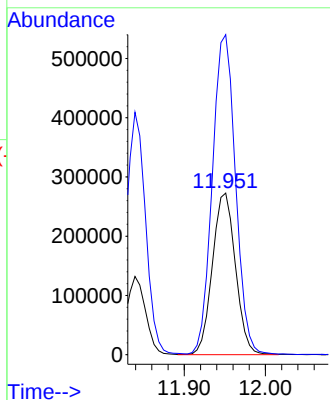
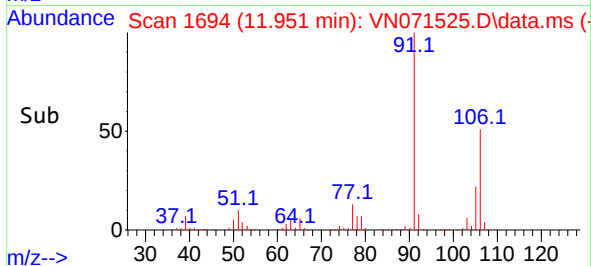
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



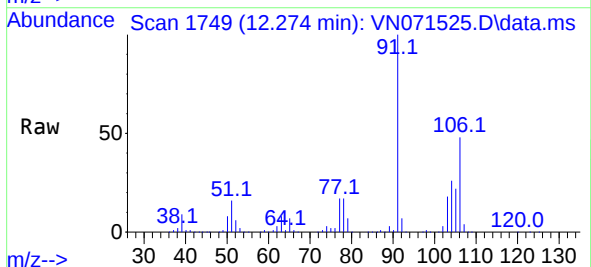
Tgt Ion:106 Resp: 539080
Ion Ratio Lower Upper
106 100
91 198.8 162.9 244.3

Manual Integrations
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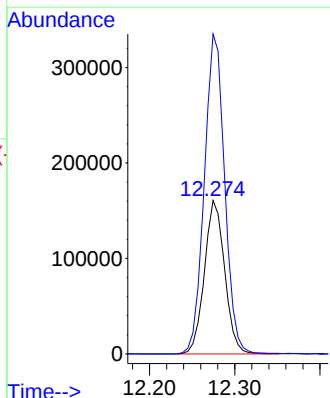
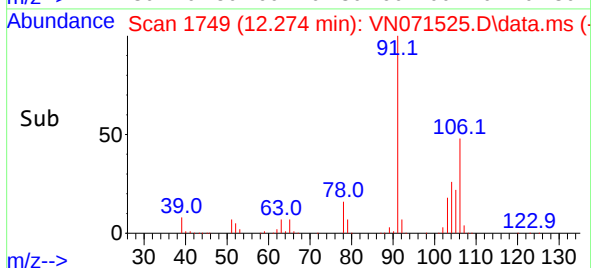
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

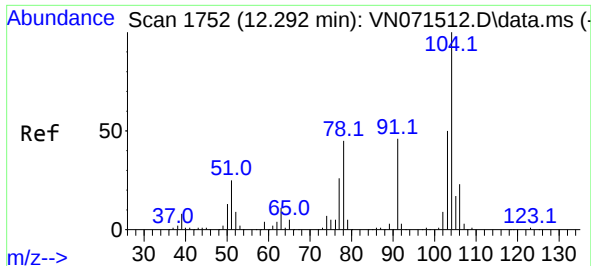


#68
o-Xylene
Concen: 20.278 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion:106 Resp: 265502
Ion Ratio Lower Upper
106 100
91 209.1 107.7 323.1





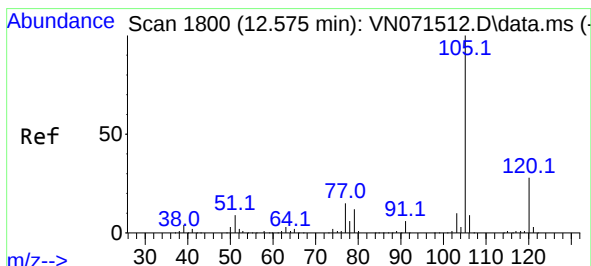
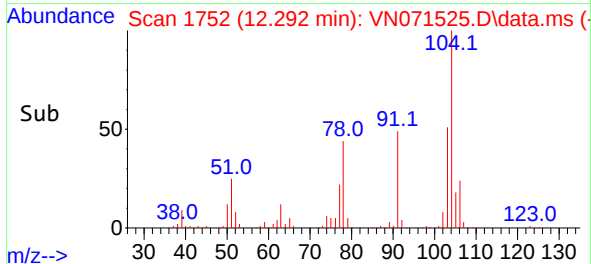
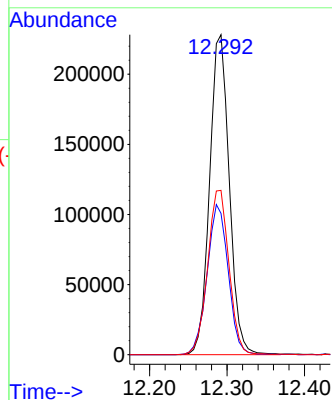
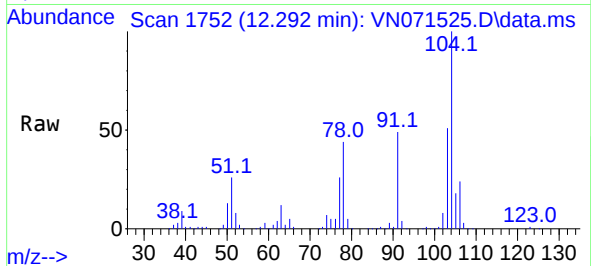
#69
Styrene
Concen: 19.538 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 402609
Ion Ratio Lower Upper
104 100
78 50.3 40.7 61.1
103 55.8 45.8 68.8

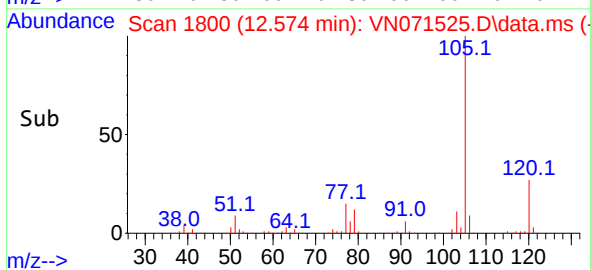
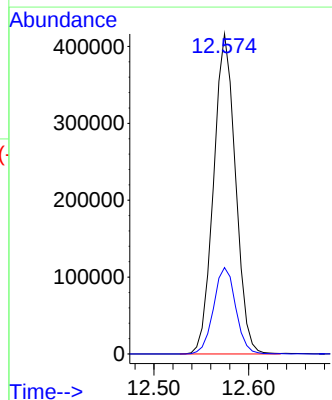
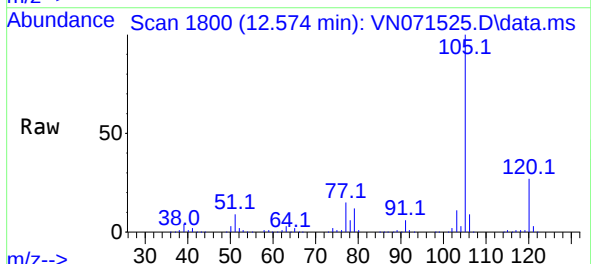
Manual Integrations
APPROVED

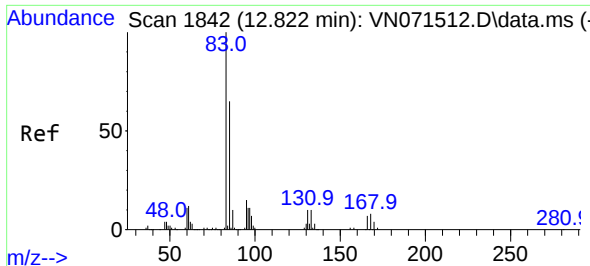
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#70
Isopropylbenzene
Concen: 20.361 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

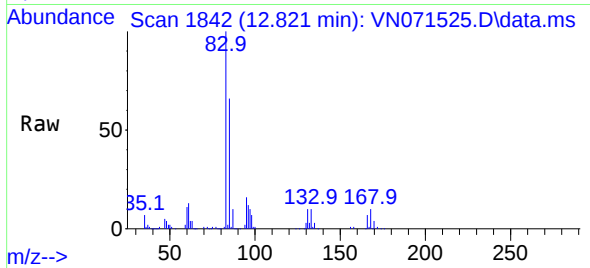
Tgt Ion:105 Resp: 669104
Ion Ratio Lower Upper
105 100
120 27.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.613 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

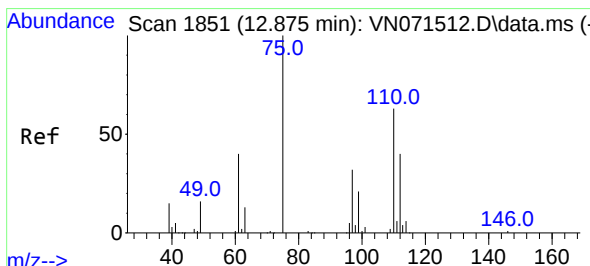
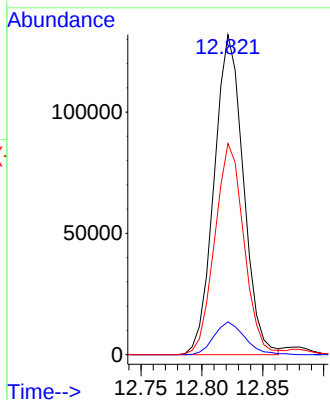
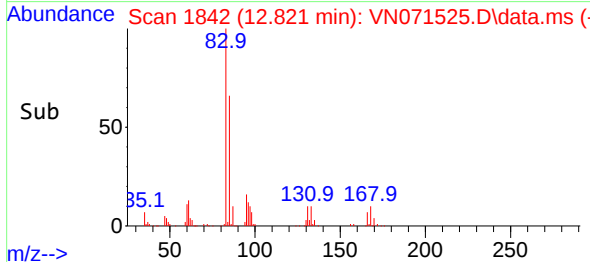
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



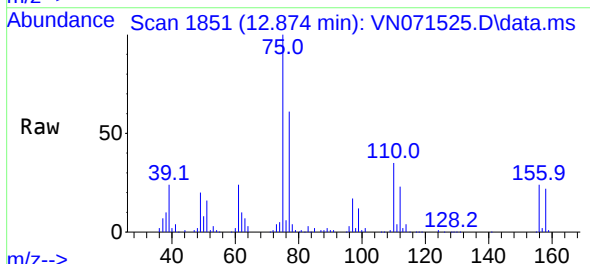
Tgt Ion: 83 Resp: 220464
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 66.1 33.1 99.2

Manual Integrations
APPROVED

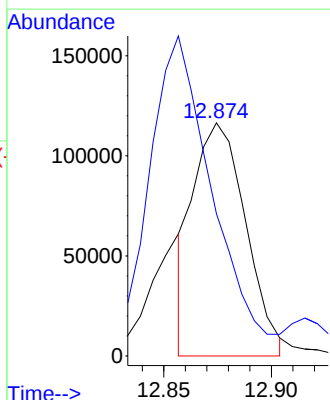
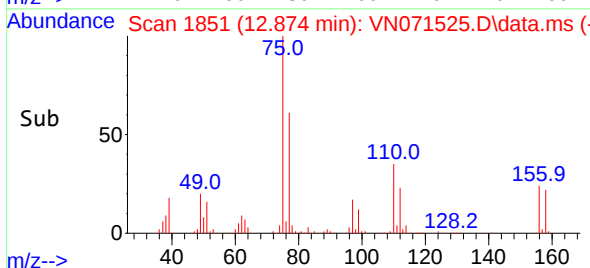
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

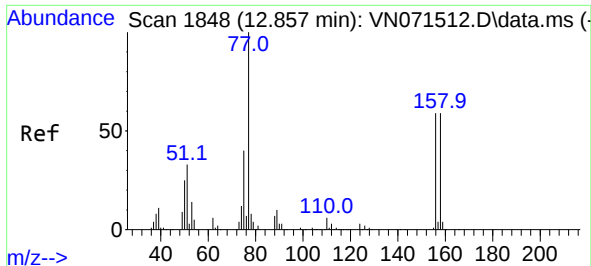


#72
1,2,3-Trichloropropane
Concen: 21.376 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



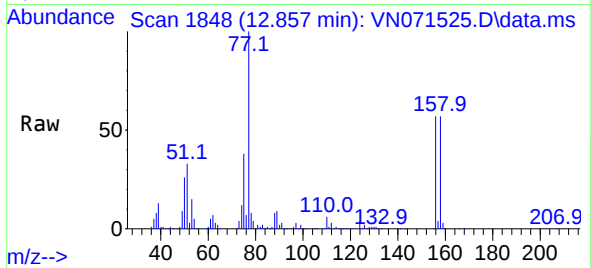
Tgt Ion: 75 Resp: 196412
Ion Ratio Lower Upper
75 100
77 166.9 0.0 378.0





#73
Bromobenzene
Concen: 20.177 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

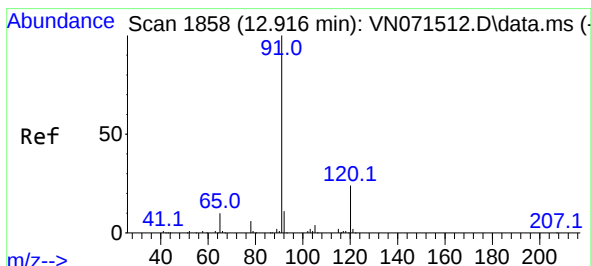
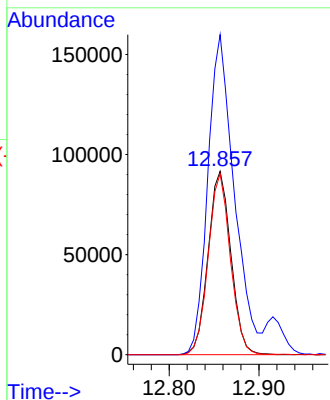
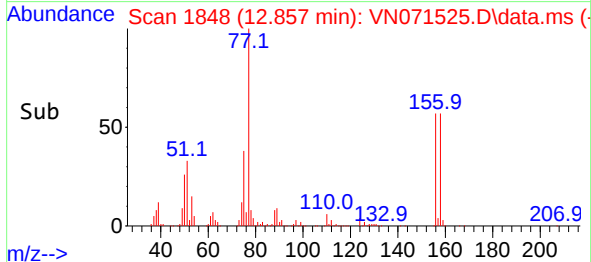
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



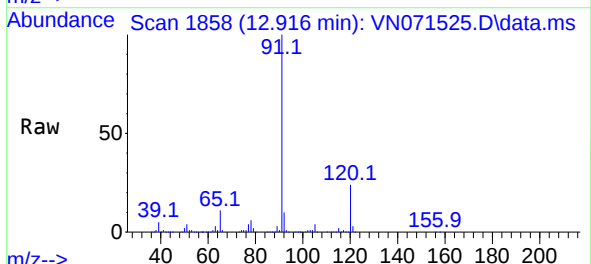
Tgt Ion:156 Resp: 16175
Ion Ratio Lower Upper
156 100
77 202.7 0.0 416.0
158 95.5 0.0 195.4

Manual Integrations
APPROVED

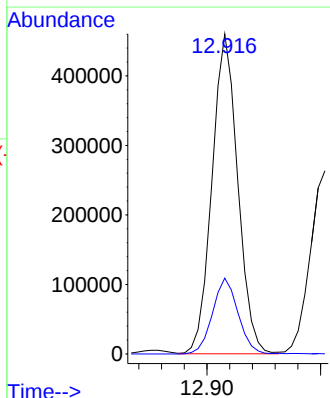
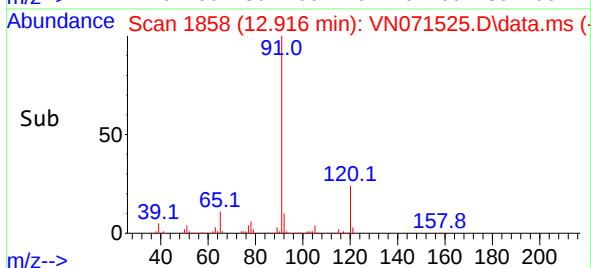
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

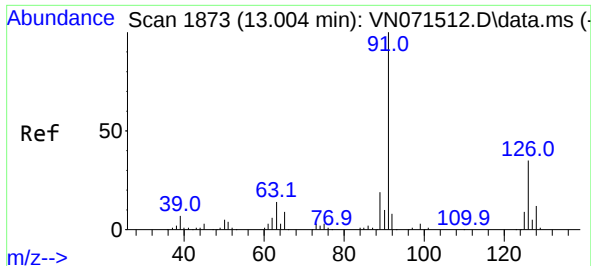


#74
n-propylbenzene
Concen: 20.198 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion: 91 Resp: 724435
Ion Ratio Lower Upper
91 100
120 23.4 0.0 45.0





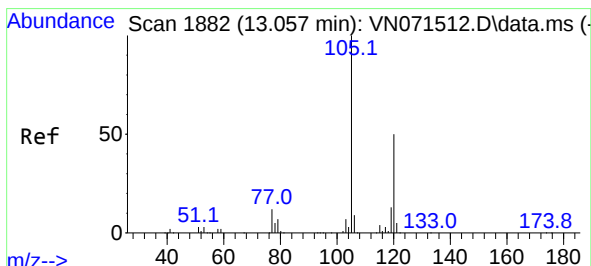
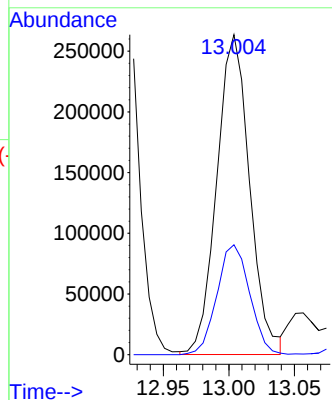
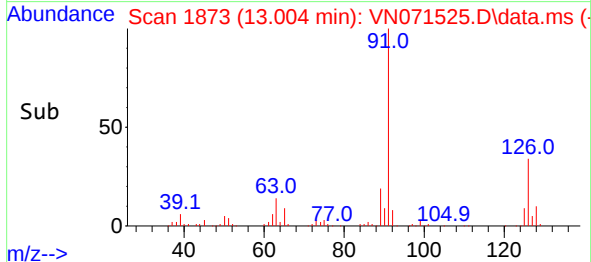
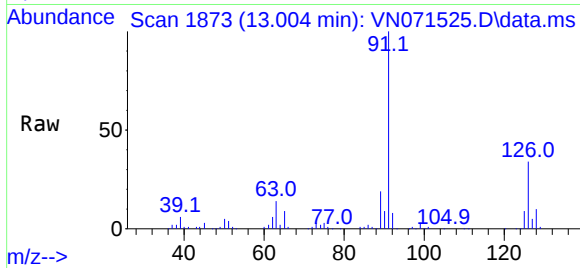
#75
2-Chlorotoluene
Concen: 20.468 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 458770
Ion Ratio Lower Upper
91 100
126 34.3 0.0 69.8

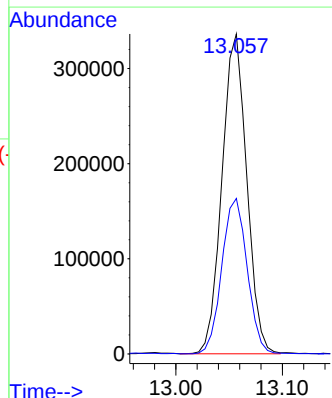
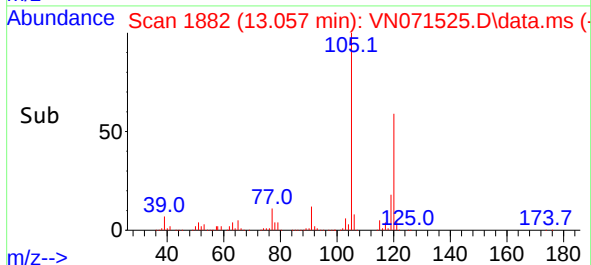
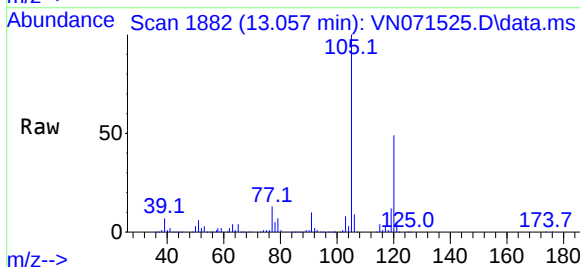
Manual Integrations
APPROVED

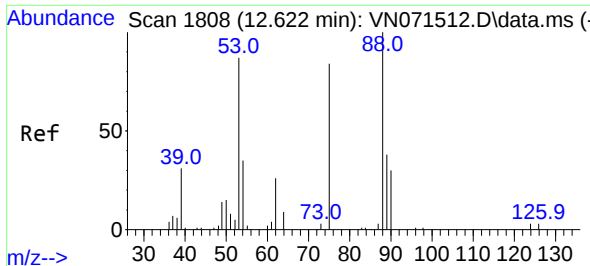
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.551 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Tgt Ion:105 Resp: 541805
Ion Ratio Lower Upper
105 100
120 50.0 0.0 93.8





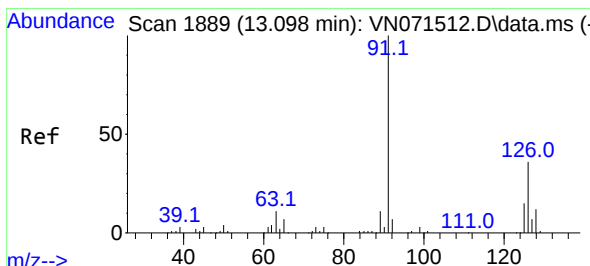
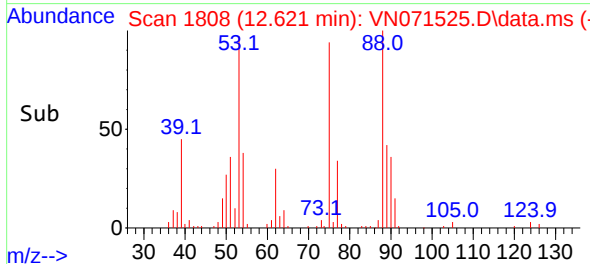
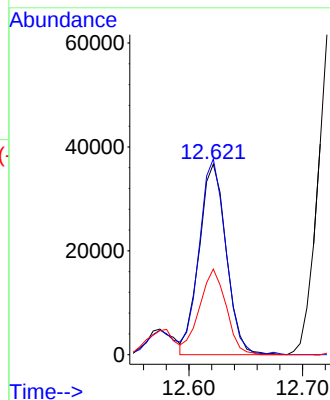
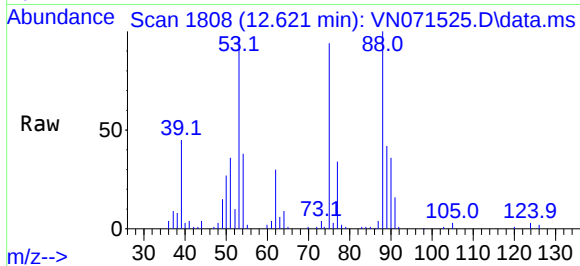
#77
t-1,4-Dichloro-2-butene
Concen: 18.893 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 6095
Ion Ratio Lower Upper
75 100
53 102.2 51.8 155.5
89 44.9 22.9 68.7

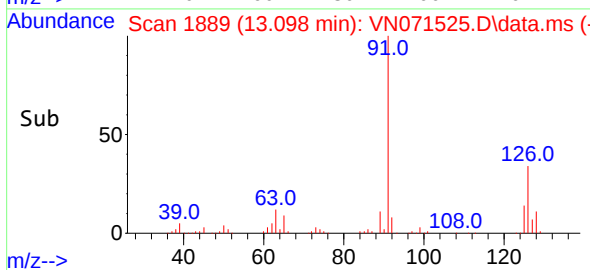
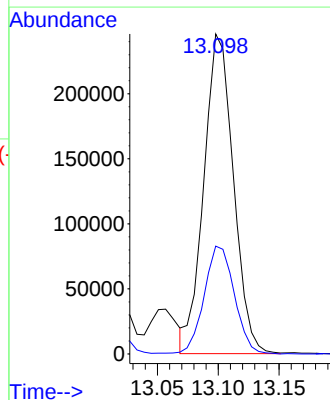
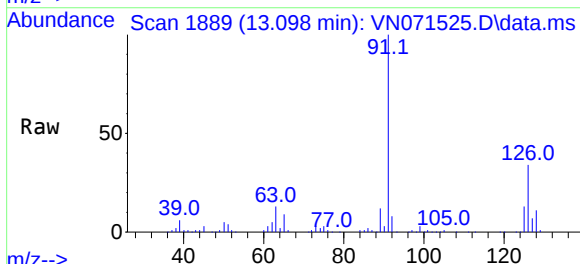
Manual Integrations
APPROVED

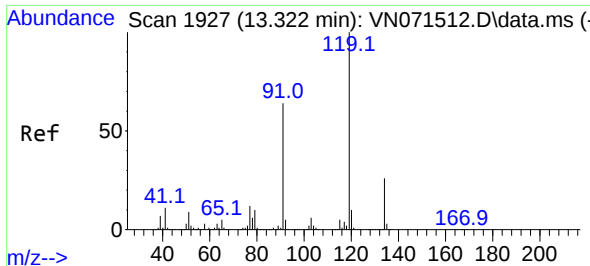
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#78
4-Chlorotoluene
Concen: 19.877 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Tgt Ion: 91 Resp: 416086
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6





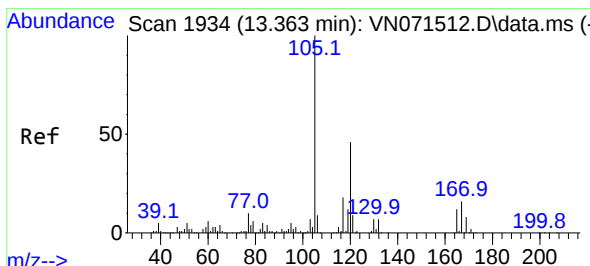
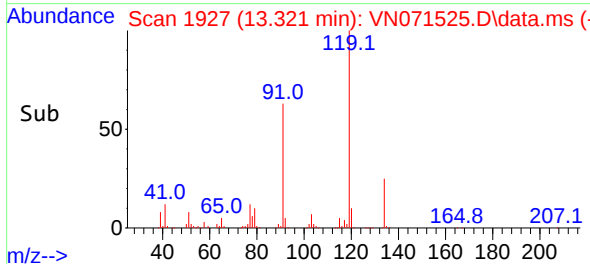
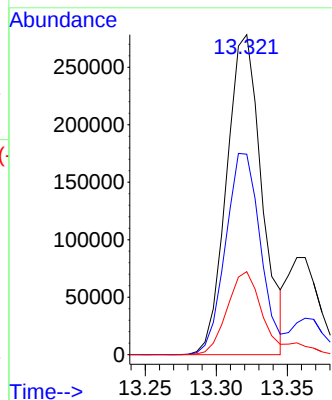
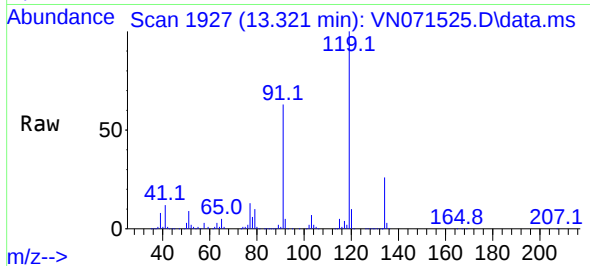
#79
tert-butylbenzene
Concen: 20.255 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 48187
Ion Ratio Lower Upper
119 100
91 62.3 0.0 137.0
134 25.0 0.0 47.6

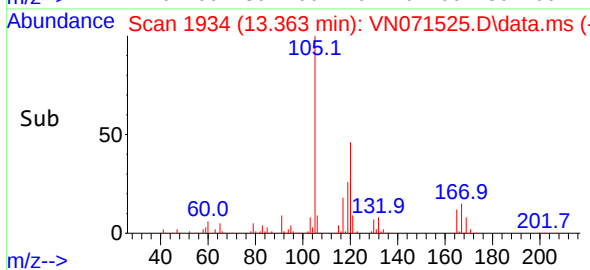
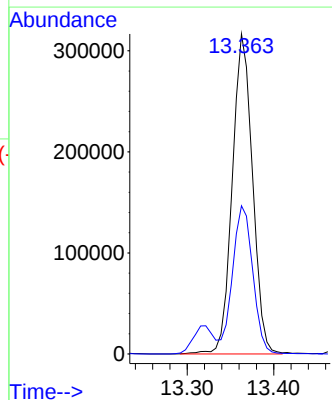
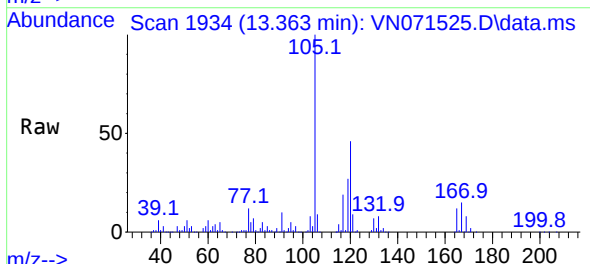
Manual Integrations
APPROVED

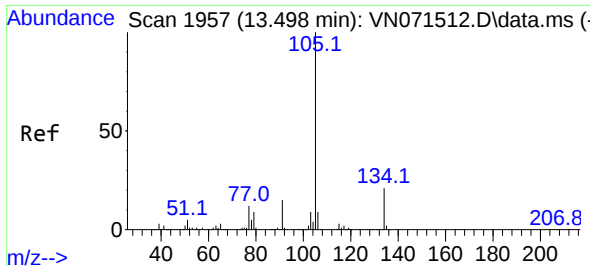
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.128 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

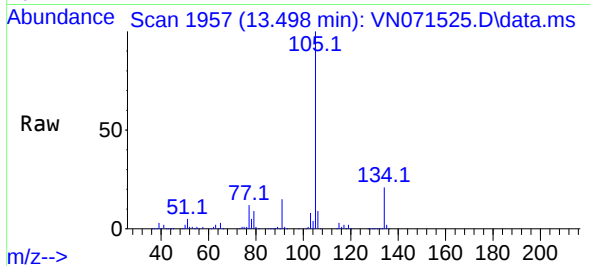
Tgt Ion:105 Resp: 514874
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
sec-Butylbenzene
Concen: 20.299 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

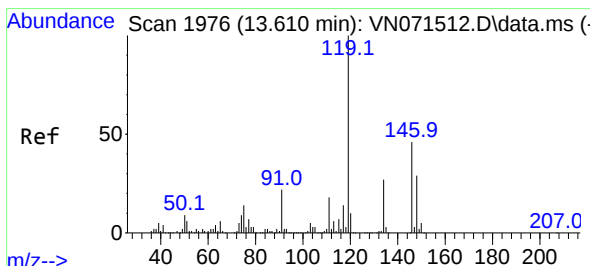
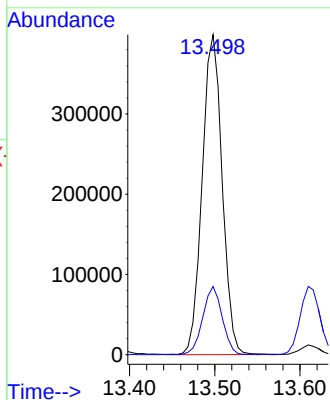
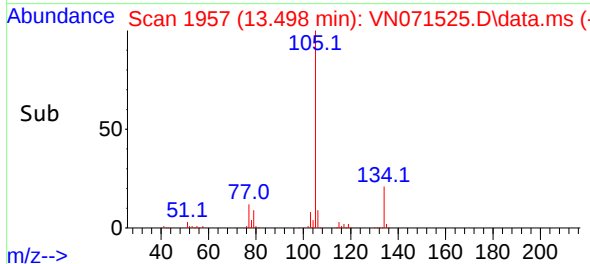
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



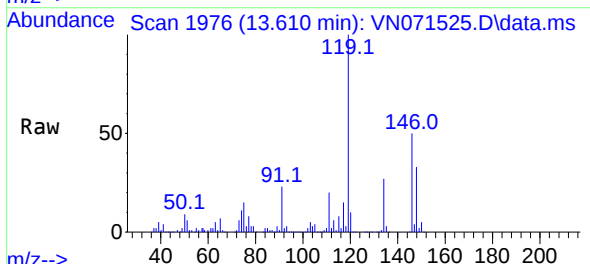
Tgt Ion:105 Resp: 648880
Ion Ratio Lower Upper
105 100
134 20.7 0.0 39.4

Manual Integrations
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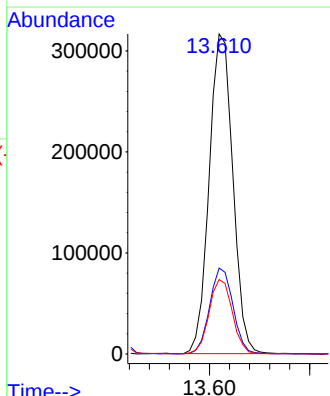
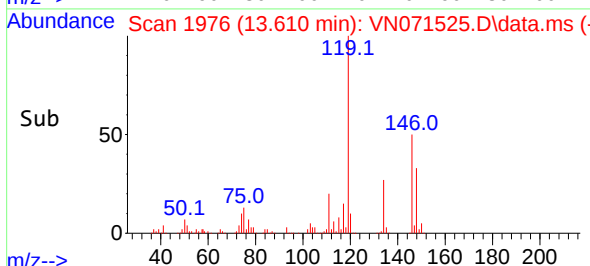
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

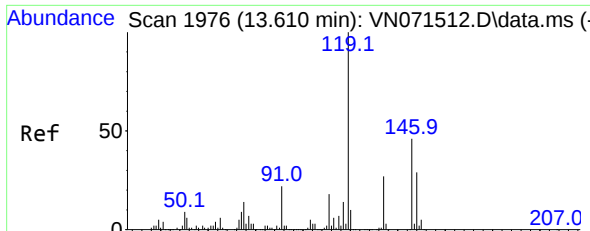


#82
p-Isopropyltoluene
Concen: 19.932 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



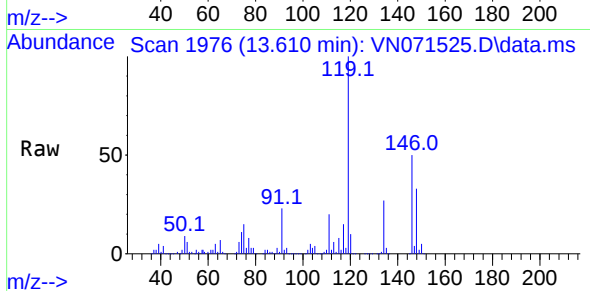
Tgt Ion:119 Resp: 517671
Ion Ratio Lower Upper
119 100
134 26.6 0.0 51.8
91 23.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.176 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

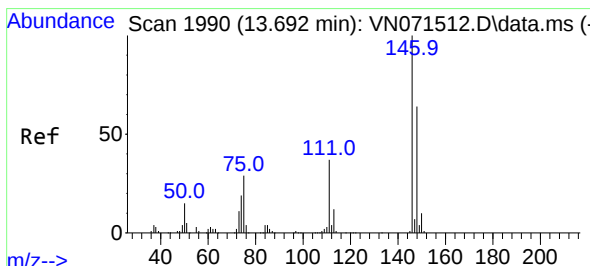
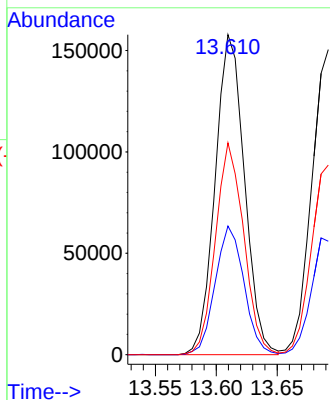
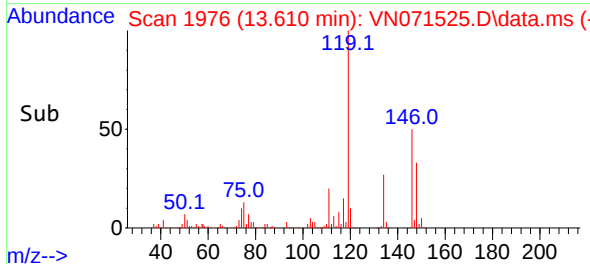
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



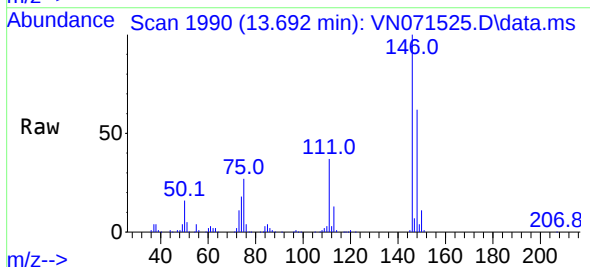
Tgt Ion:146 Resp: 264660
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.2
148 63.9 31.4 94.3

Manual Integrations
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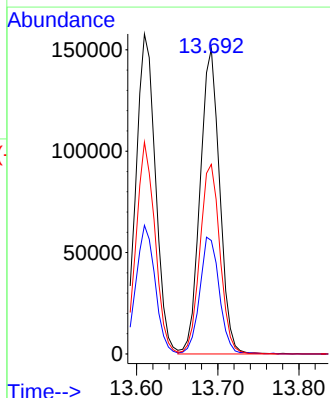
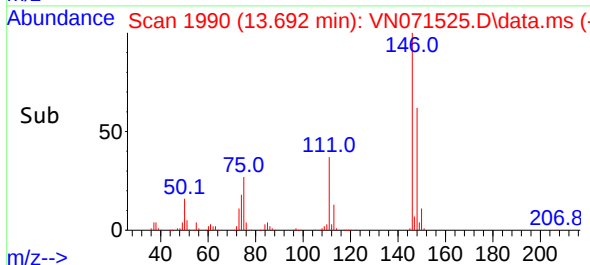
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

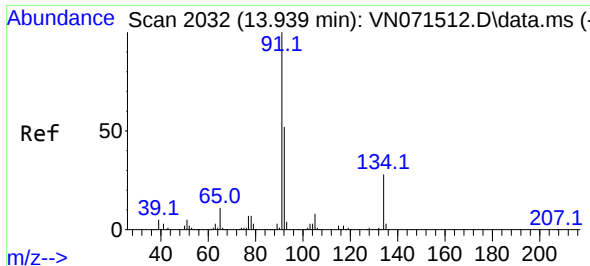


#84
1,4-Dichlorobenzene
Concen: 20.105 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



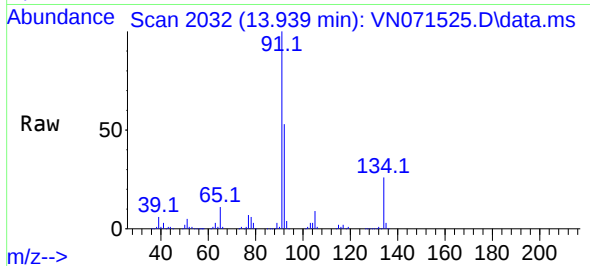
Tgt Ion:146 Resp: 251726
Ion Ratio Lower Upper
146 100
111 38.5 19.5 58.5
148 63.8 31.1 93.5





#85
n-Butylbenzene
Concen: 18.777 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

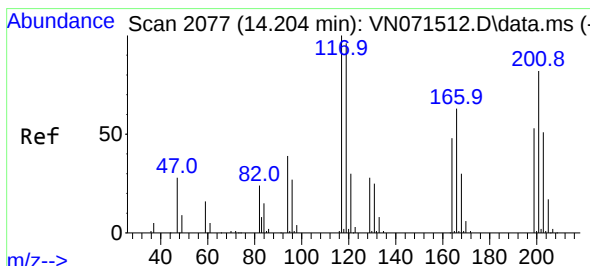
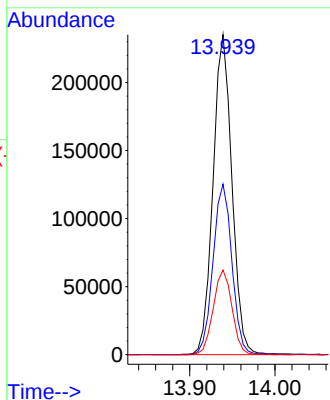
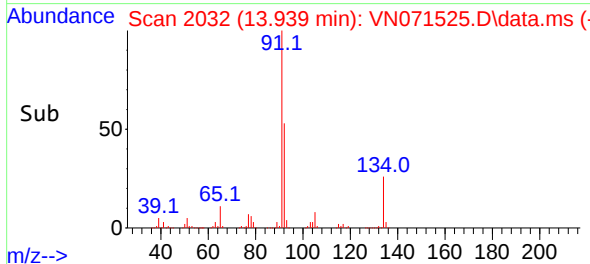
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



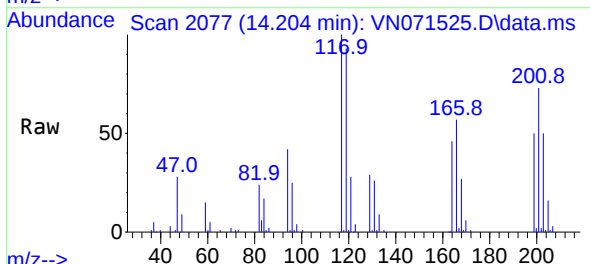
Tgt Ion: 91 Resp: 362230
Ion Ratio Lower Upper
91 100
92 53.3 0.0 100.6
134 26.3 0.0 50.2

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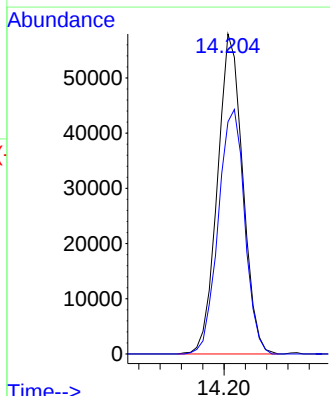
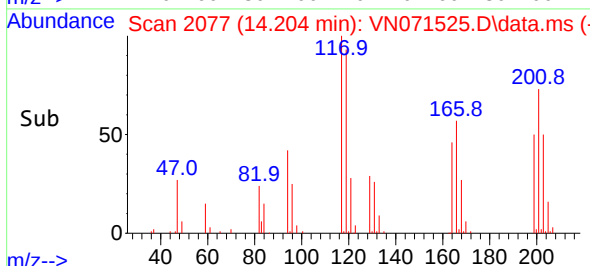
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

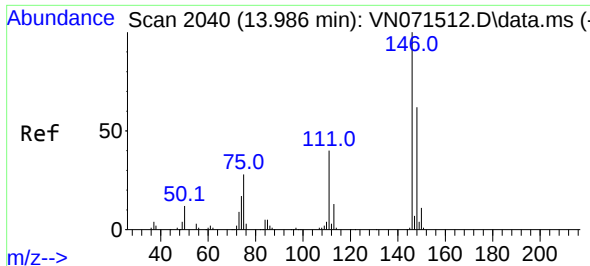


#86
Hexachloroethane
Concen: 19.690 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



Tgt Ion:117 Resp: 95501
Ion Ratio Lower Upper
117 100
201 79.7 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 20.689 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071525.D

Acq: 24 Mar 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 262389

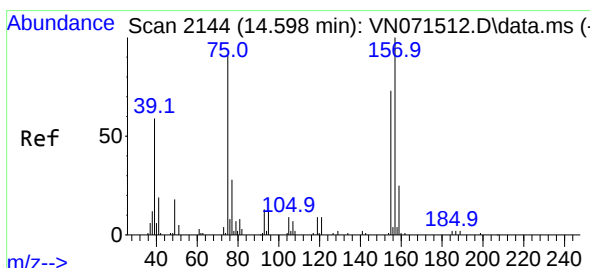
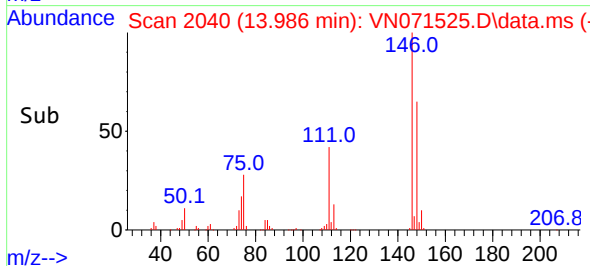
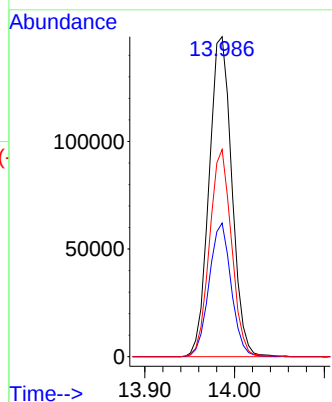
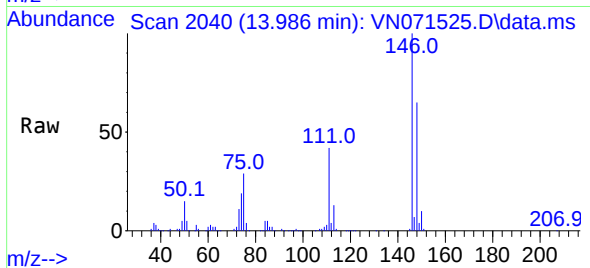
Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.4	64.2
148	62.4	32.5	97.4

Manual Integrations

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Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.080 ug/l

RT: 14.598 min Scan# 2144

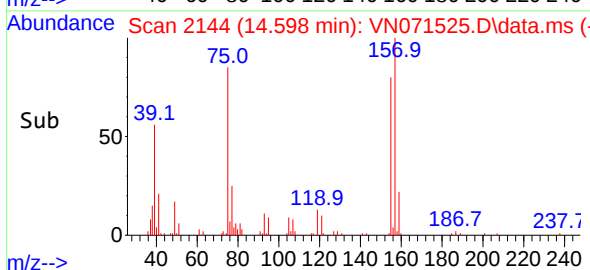
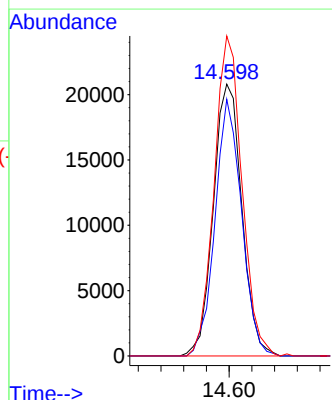
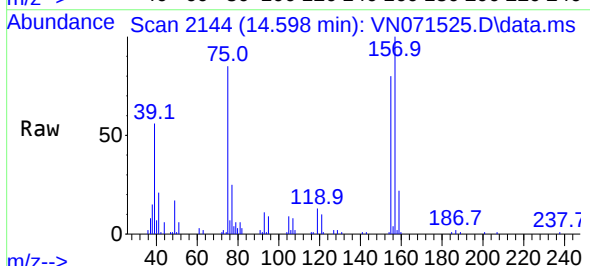
Delta R.T. -0.000 min

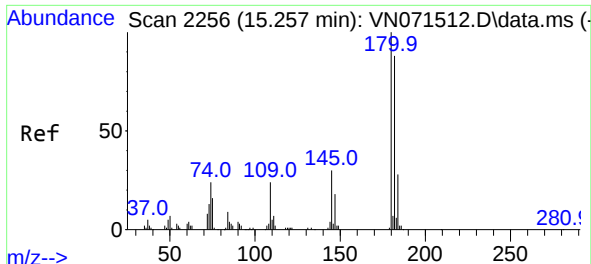
Lab File: VN071525.D

Acq: 24 Mar 2022 17:09

Tgt Ion: 75 Resp: 36309

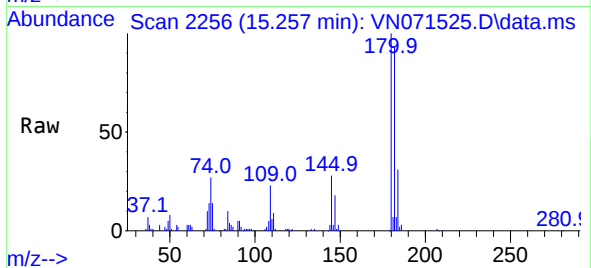
Ion	Ratio	Lower	Upper
75	100		
155	87.9	63.8	95.8
157	114.2	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.560 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

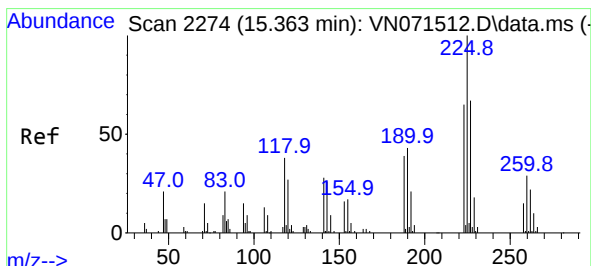
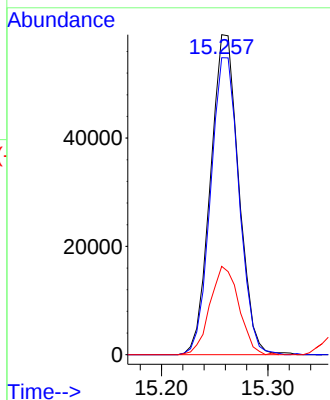
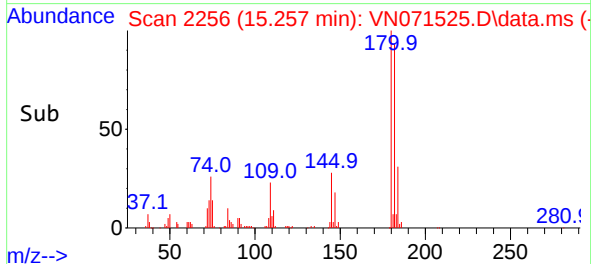
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



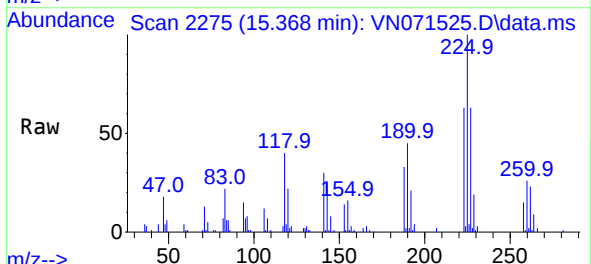
Tgt Ion:180 Resp: 10880
Ion Ratio Lower Upper
180 100
182 93.3 77.7 116.5
145 28.2 26.6 39.8

Manual Integrations
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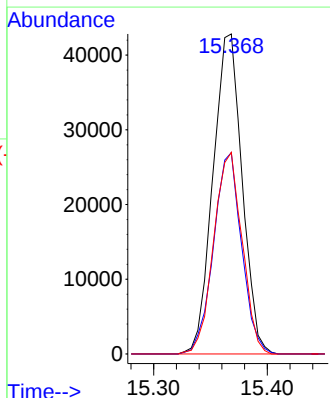
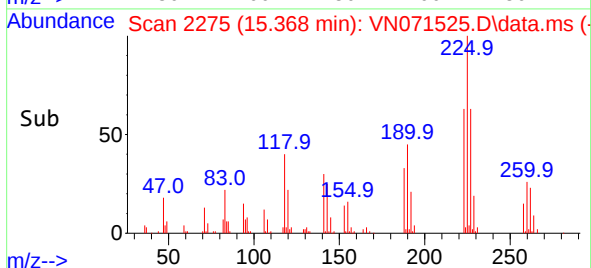
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

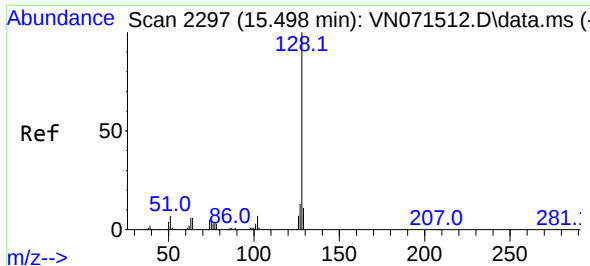


#90
Hexachlorobutadiene
Concen: 21.940 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09



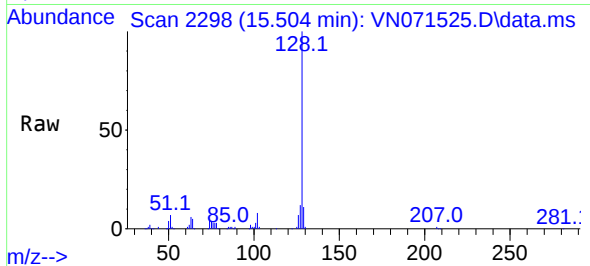
Tgt Ion:225 Resp: 76217
Ion Ratio Lower Upper
225 100
223 60.9 0.0 126.8
227 61.5 0.0 123.0





#91
Naphthalene
Concen: 18.907 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

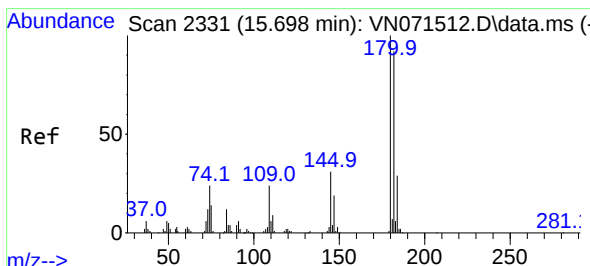
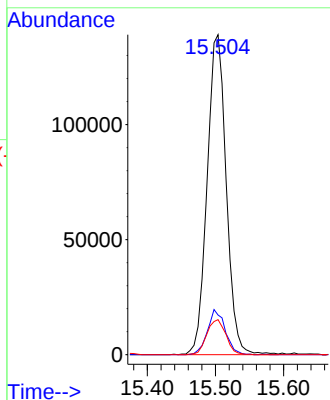
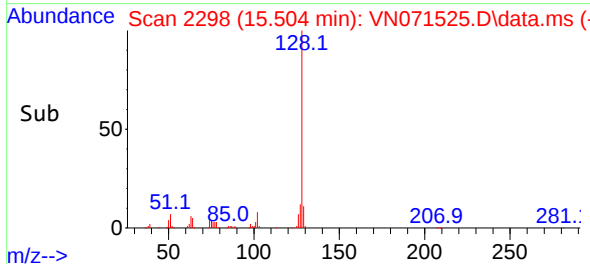
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 271590
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.685 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071525.D
Acq: 24 Mar 2022 17:09

Tgt Ion:180 Resp: 107431
Ion Ratio Lower Upper
180 100
182 91.6 0.0 190.0
145 30.6 0.0 67.8

