

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073066.D
 Acq On : 23 Jun 2022 23:58
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 04:20:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:19:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	41209	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	238388	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	211889	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	121840	26.826	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.433%	#	
60) 4-Bromofluorobenzene	12.668	95	117241	27.283	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.933%		
63) Toluene-d8	10.374	98	348617	29.930	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.767%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	69368	21.918	ug/l	92
3) Chloromethane	2.269	50	62797	18.901	ug/l	94
4) Vinyl Chloride	2.410	62	57819	19.293	ug/l	98
5) Bromomethane	2.816	94	22907	15.382	ug/l	91
6) Chloroethane	2.975	64	36418	18.675	ug/l	94
7) Trichlorofluoromethane	3.322	101	100193	18.656	ug/l	95
8) Diethyl Ether	3.769	74	42022	19.873	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.151	101	55645	19.458	ug/l #	68
10) 1,1-Dichloroethene	4.122	96	56974	20.654	ug/l	97
11) Methyl Iodide	4.357	142	49019	18.492	ug/l	86
12) Methyl Acetate	4.787	43	117638	20.651	ug/l	93
13) Acrolein	3.987	56	61794	118.037	ug/l	96
14) Acrylonitrile	5.481	53	226078	99.245	ug/l	97
15) Acetone	4.228	58	64661	103.674	ug/l	91
16) Carbon Disulfide	4.463	76	144541	20.610	ug/l	98
17) Allyl chloride	4.763	41	104309	18.147	ug/l	84
18) Methylene Chloride	5.022	84	67131	19.757	ug/l	93
19) trans-1,2-Dichloroethene	5.516	96	59970	20.404	ug/l	95
20) Diisopropyl ether	6.410	45	224256	19.520	ug/l	97
21) 1,1-Dichloroethane	6.304	63	117709	18.510	ug/l	99
22) cis-1,2-Dichloroethene	7.245	96	70379	19.317	ug/l	98
23) tert-Butyl Alcohol	5.287	59	88580	86.698	ug/l #	100
24) Methyl tert-Butyl Ether	5.540	73	212721	18.068	ug/l	98
25) Chloroform	7.751	83	118155	18.223	ug/l	99
26) Cyclohexane	8.022	56	103071	19.279	ug/l #	95
29) 1,1-Dichloropropene	8.151	75	83012	18.422	ug/l	99
30) 2-Butanone	7.263	43	332258	100.325	ug/l	93
31) 2,2-Dichloropropane	7.245	77	43108m	8.013	ug/l	
32) 1,1,1-Trichloroethane	7.945	97	102837	17.694	ug/l	96
33) Carbon Tetrachloride	8.133	117	86820	17.358	ug/l	95
34) Benzene	8.386	78	269285	19.912	ug/l	96
35) Methacrylonitrile	7.563	41	59810	18.549	ug/l	95
36) 1,2-Dichloroethane	8.463	62	98362	17.767	ug/l	98
37) Trichloroethene	9.151	130	64035	19.630	ug/l	98
38) Methylcyclohexane	9.392	83	100513	18.625	ug/l	93
39) 1,2-Dichloropropane	9.428	63	68475	18.700	ug/l	98
40) Dibromomethane	9.510	93	46632	18.565	ug/l	94
41) Bromodichloromethane	9.698	83	90499	17.202	ug/l	99
42) Vinyl Acetate	6.351	43	1005860	94.730	ug/l	99

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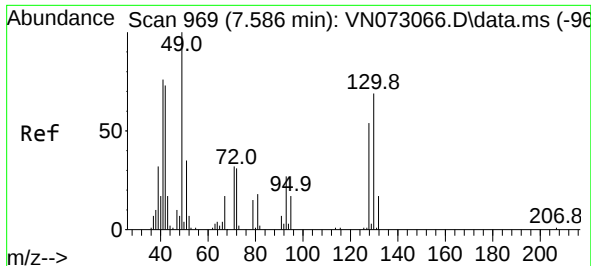
Manual Integrations
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 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 04:20:48 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	7.339	43	132594	20.799	ug/l	95
44) Isopropyl Acetate	8.492	43	186233	18.117	ug/l	98
45) 1,4-Dioxane	9.504	88	33835	395.718	ug/l	90
46) Methyl methacrylate	9.492	41	83390	18.055	ug/l	83
47) n-amyl Acetate	12.327	43	143920	17.998	ug/l	99
48) t-1,3-Dichloropropene	10.657	75	82664	14.139	ug/l	100
49) cis-1,3-Dichloropropene	10.127	75	91664	15.266	ug/l	98
50) 1,1,2-Trichloroethane	10.833	97	67399	18.997	ug/l	98
51) Ethyl methacrylate	10.698	69	111772	17.573	ug/l	89
52) 1,3-Dichloropropane	10.980	76	113606	18.186	ug/l	99
53) Dibromochloromethane	11.174	129	65935	17.127	ug/l	99
54) 1,2-Dibromoethane	11.280	107	69244	18.562	ug/l	97
55) 2-Chloroethyl vinyl ether	9.980	63	247462	95.832	ug/l	99
56) Bromoform	12.398	173	46509	17.167	ug/l #	98
58) 4-Methyl-2-Pentanone	10.269	43	629017	99.229	ug/l	97
59) 2-Hexanone	11.022	43	476271	98.792	ug/l	98
61) Tetrachloroethene	10.916	164	53905	20.454	ug/l	95
62) Toluene	10.439	91	284410	19.788	ug/l	98
64) Chlorobenzene	11.704	112	167608	19.230	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.774	131	63176	18.693	ug/l	98
66) Ethyl Benzene	11.780	91	303817	18.645	ug/l	99
67) m/p-Xylenes	11.892	106	230122	38.357	ug/l	97
68) o-Xylene	12.216	106	117017	19.198	ug/l	100
69) Styrene	12.233	104	184900	18.939	ug/l	98
70) Isopropylbenzene	12.516	105	296730	18.677	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.763	83	102352	19.024	ug/l	98
72) 1,2,3-Trichloropropane	12.816	75	81411m	18.043	ug/l	
73) Bromobenzene	12.798	156	67590	20.414	ug/l	91
74) n-propylbenzene	12.857	91	324923	17.886	ug/l	100
75) 2-Chlorotoluene	12.939	91	207826	18.379	ug/l	95
76) 1,3,5-Trimethylbenzene	12.998	105	243176	18.600	ug/l	98
77) t-1,4-Dichloro-2-butene	12.563	75	22484	12.157	ug/l	94
78) 4-Chlorotoluene	13.039	91	197237	18.443	ug/l	96
79) tert-butylbenzene	13.257	119	215569	18.529	ug/l	97
80) 1,2,4-Trimethylbenzene	13.304	105	240203m	15.703	ug/l	
81) sec-Butylbenzene	13.439	105	287342	18.216	ug/l	99
82) p-Isopropyltoluene	13.551	119	233055	18.371	ug/l	98
83) 1,3-Dichlorobenzene	13.551	146	119342	20.351	ug/l	97
84) 1,4-Dichlorobenzene	13.627	146	118598	20.772	ug/l	99
85) n-Butylbenzene	13.874	91	176351	16.648	ug/l	96
86) Hexachloroethane	14.145	117	43541	16.112	ug/l	94
87) 1,2-Dichlorobenzene	13.921	146	124837	21.338	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.539	75	25452	18.799	ug/l	94
89) 1,2,4-Trichlorobenzene	15.192	180	61453	20.793	ug/l	96
90) Hexachlorobutadiene	15.298	225	25296	19.701	ug/l	97
91) Naphthalene	15.427	128	248667	21.013	ug/l	99
92) 1,2,3-Trichlorobenzene	15.621	180	63640	21.046	ug/l	98

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



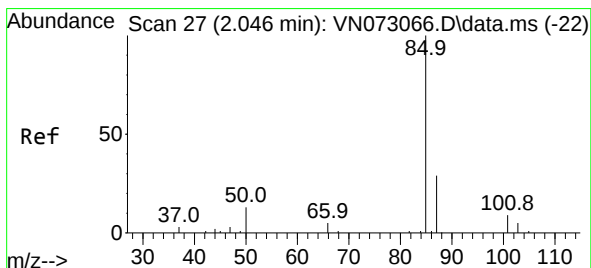
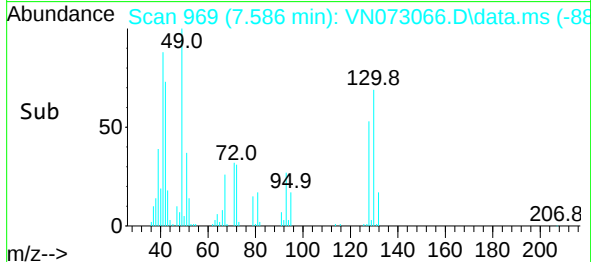
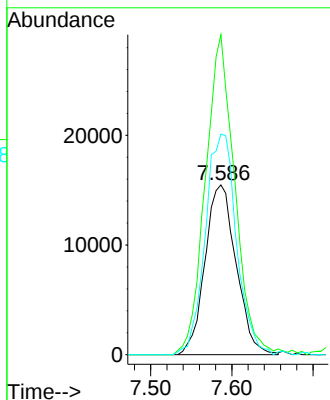
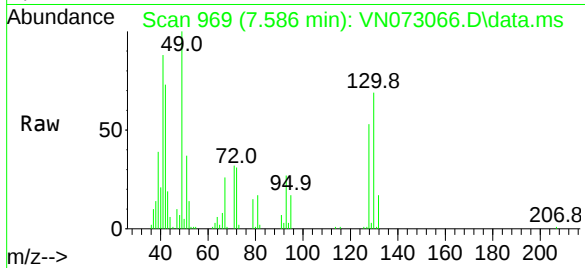
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
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ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 41209
Ion Ratio Lower Upper
128 100
49 176.5 0.0 392.3
130 130.4 0.0 320.2

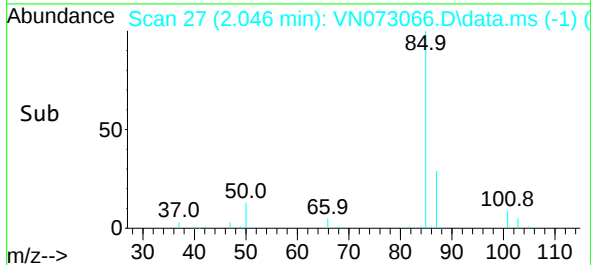
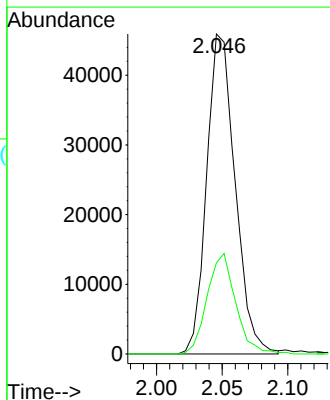
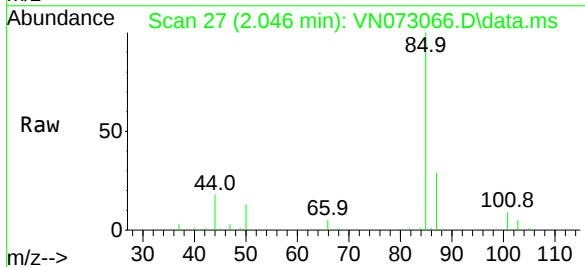
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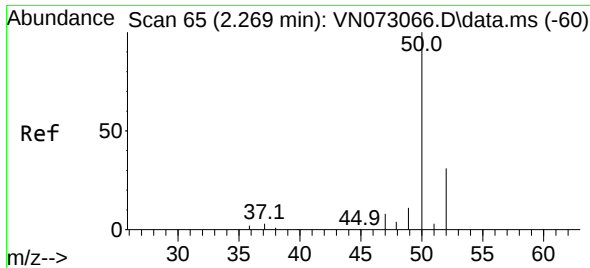
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 21.918 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

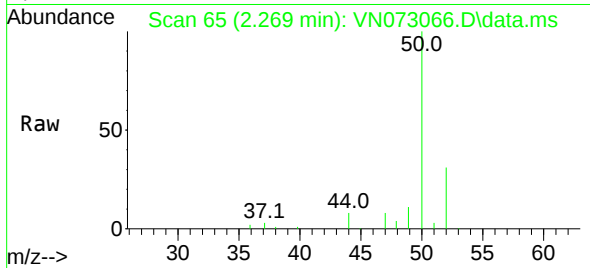
Tgt Ion: 85 Resp: 69368
Ion Ratio Lower Upper
85 100
87 28.5 16.6 49.7





#3
Chloromethane
Concen: 18.901 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

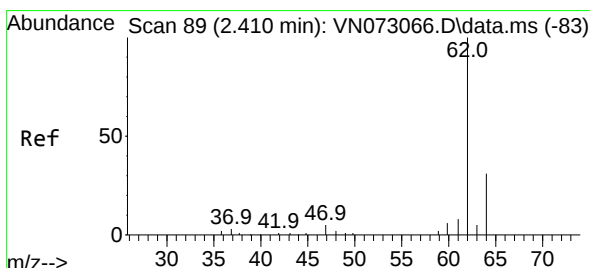
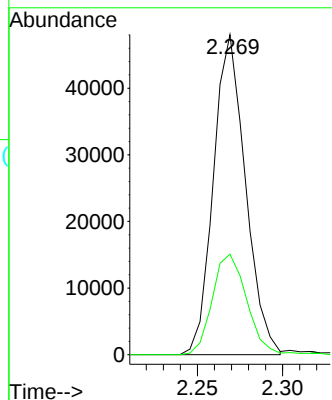
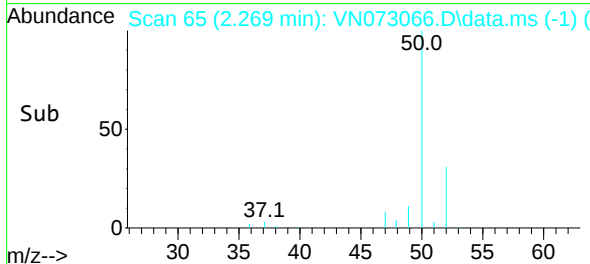
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



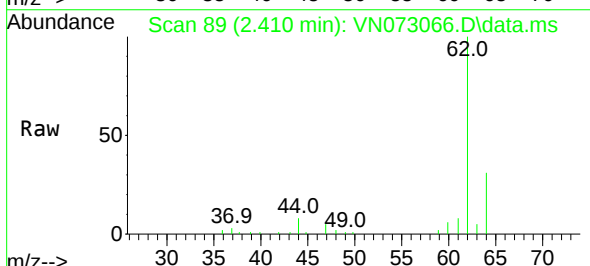
Tgt Ion: 50 Resp: 6279
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.6

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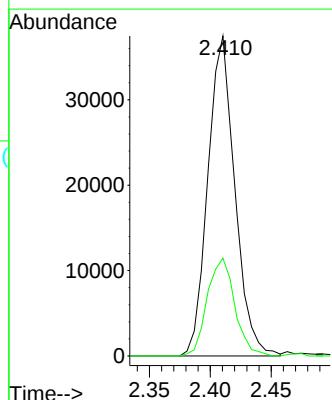
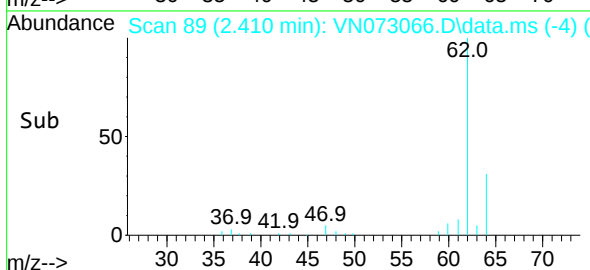
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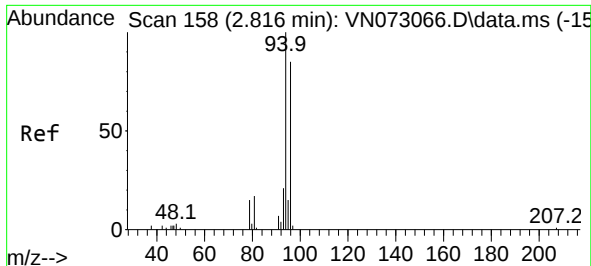


#4
Vinyl Chloride
Concen: 19.293 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



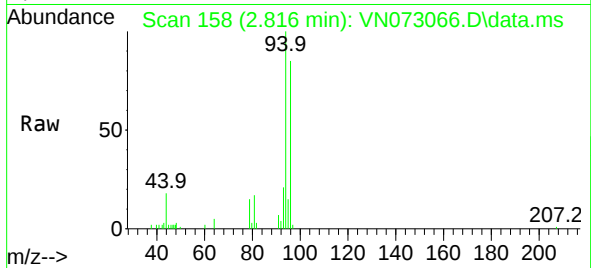
Tgt Ion: 62 Resp: 57819
Ion Ratio Lower Upper
62 100
64 30.6 25.1 37.7





#5
Bromomethane
Concen: 15.382 ug/l
RT: 2.816 min Scan# 158
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

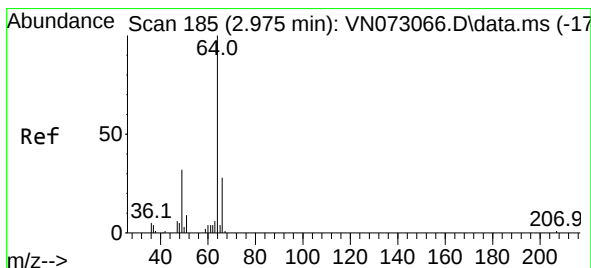
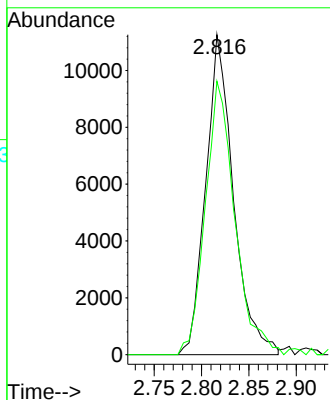
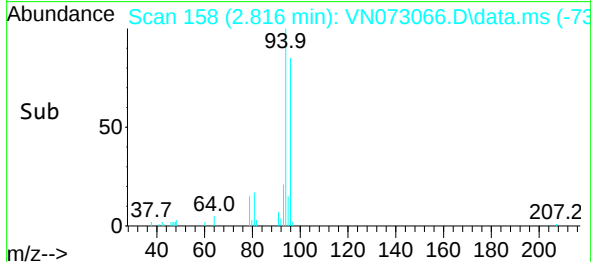
Instrument :
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ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 2290
Ion Ratio Lower Upper
94 100
96 85.5 75.2 112.8

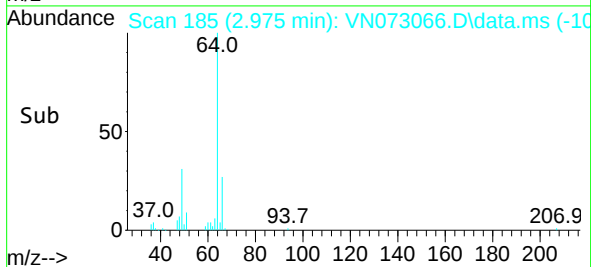
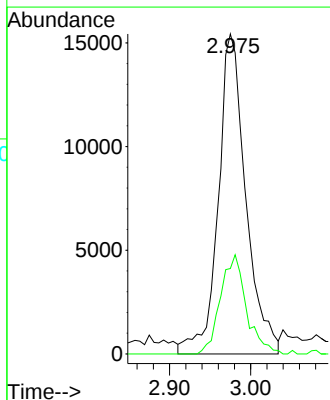
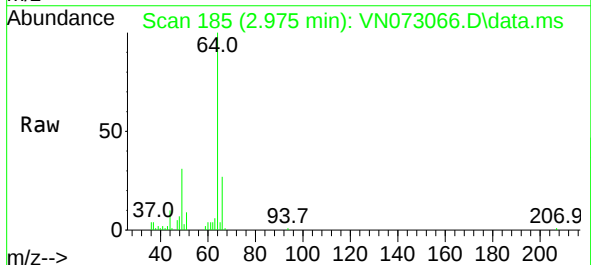
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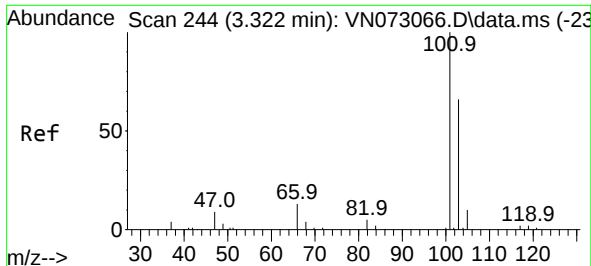
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#6
Chloroethane
Concen: 18.675 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.000 min
Lab File: VN073066.D
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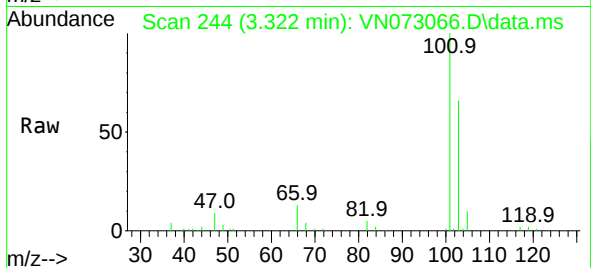
Tgt Ion: 64 Resp: 36418
Ion Ratio Lower Upper
64 100
66 27.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.656 ug/l
 RT: 3.322 min Scan# 244
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

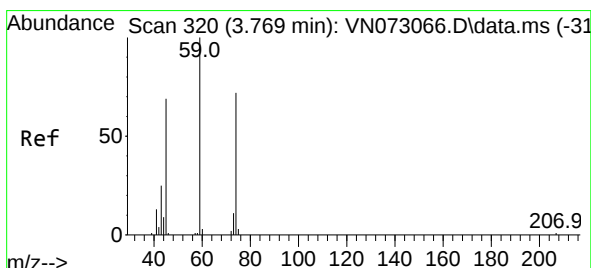
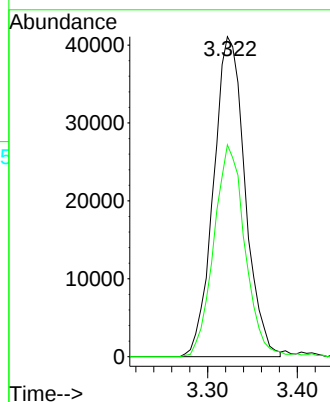
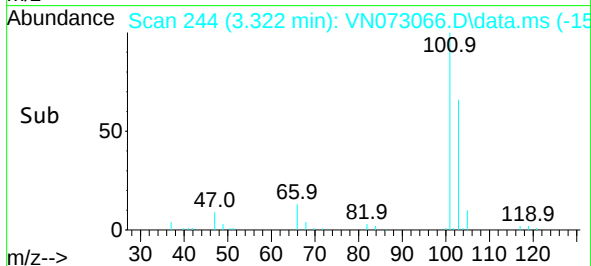
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Tgt Ion:101 Resp: 10019
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.1 75.1

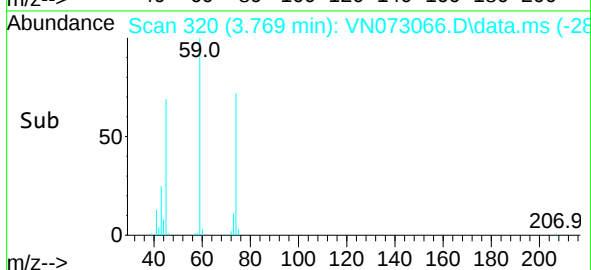
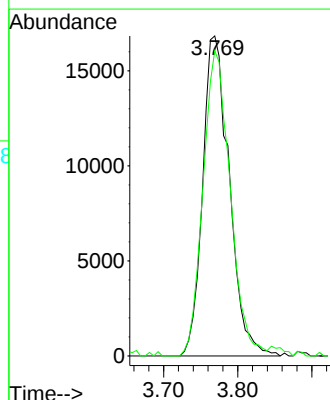
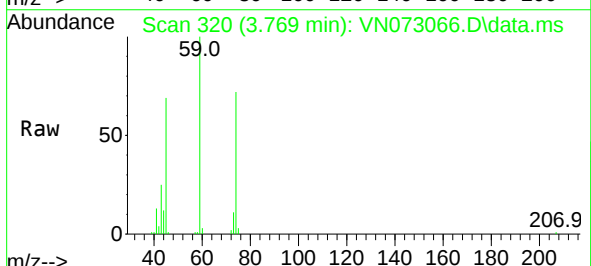
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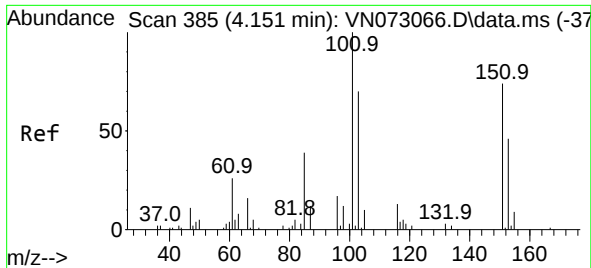
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#8
 Diethyl Ether
 Concen: 19.873 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

Tgt Ion: 74 Resp: 42022
 Ion Ratio Lower Upper
 74 100
 45 97.5 17.6 158.8





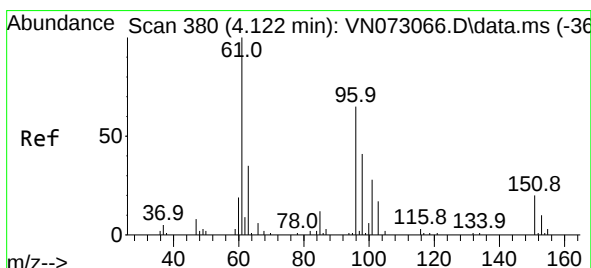
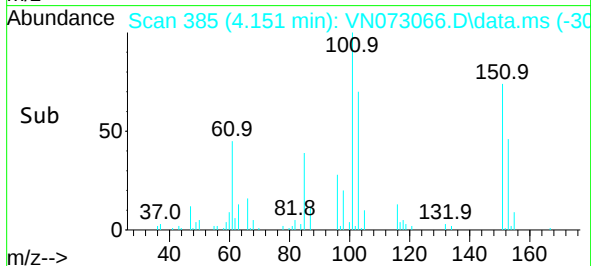
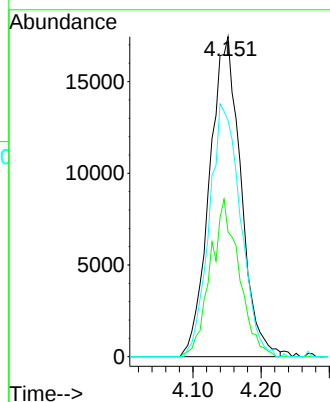
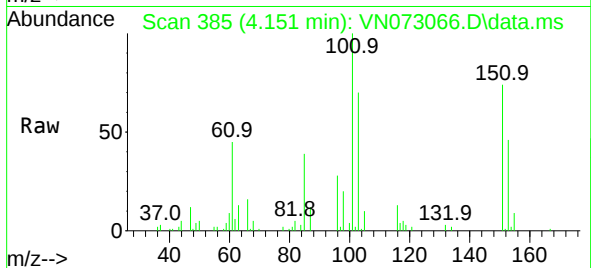
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 1,1,2-Trichlorotrifluoroethane
 Concen: 19.458 ug/l
 RT: 4.151 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:101 Resp: 5564
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 94.0
 151 79.0 0.0 74.6

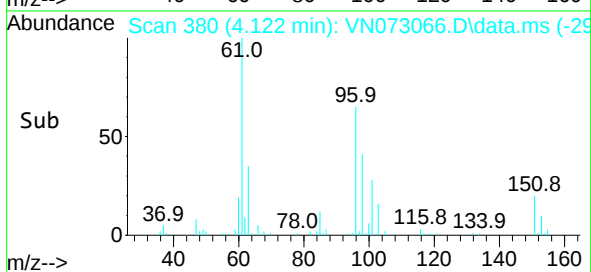
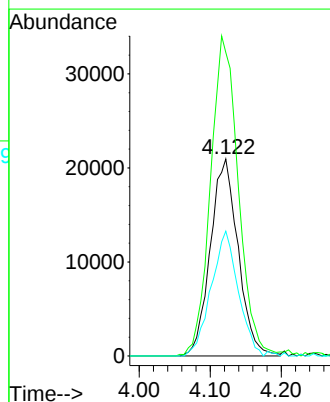
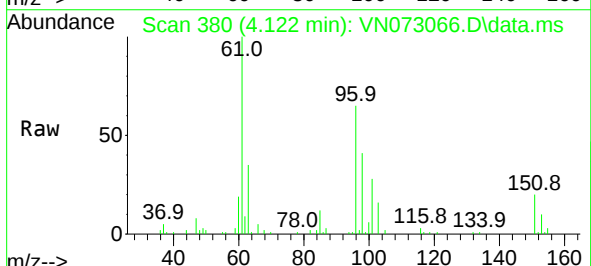
Manual Integrations
 APPROVED

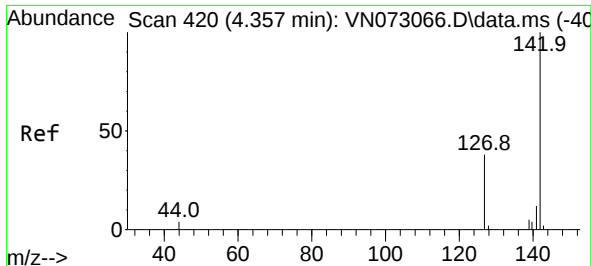
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#10
 1,1-Dichloroethene
 Concen: 20.654 ug/l
 RT: 4.122 min Scan# 380
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

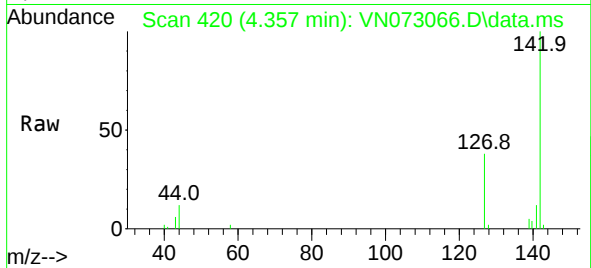
Tgt Ion: 96 Resp: 56974
 Ion Ratio Lower Upper
 96 100
 61 153.2 126.2 189.4
 98 63.3 50.9 76.3





#11
Methyl Iodide
Concen: 18.492 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

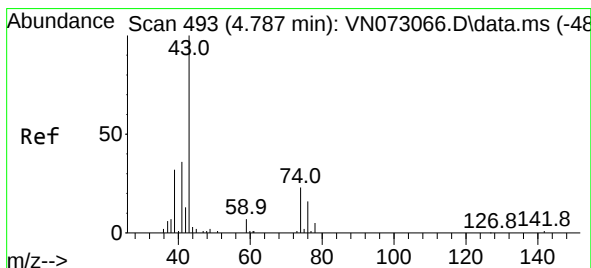
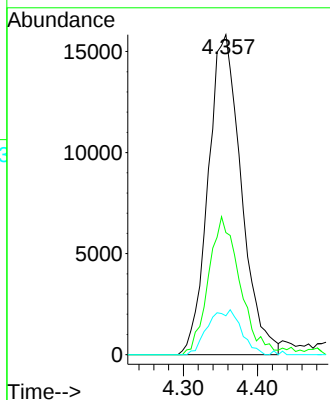
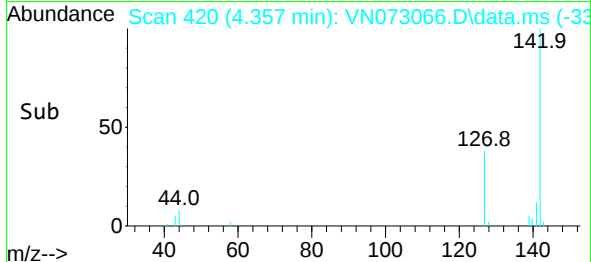
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



Tgt Ion:142 Resp: 49019
Ion Ratio Lower Upper
142 100
127 38.1 24.0 72.0
141 12.3 8.4 25.2

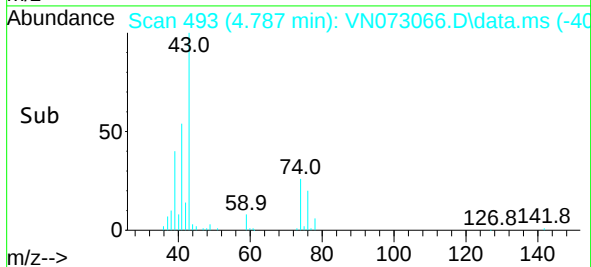
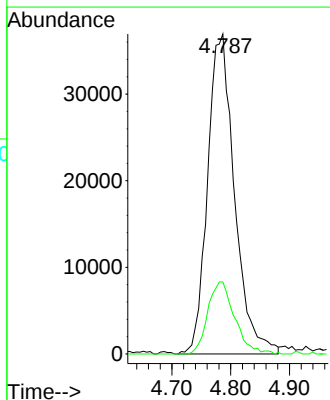
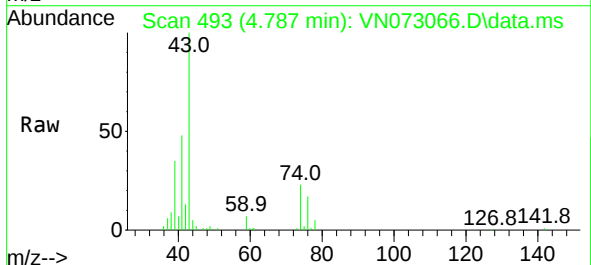
Manual Integrations
APPROVED

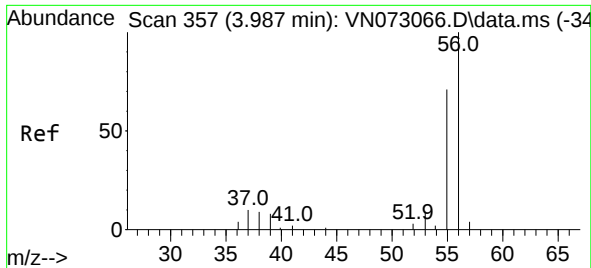
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
Methyl Acetate
Concen: 20.651 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

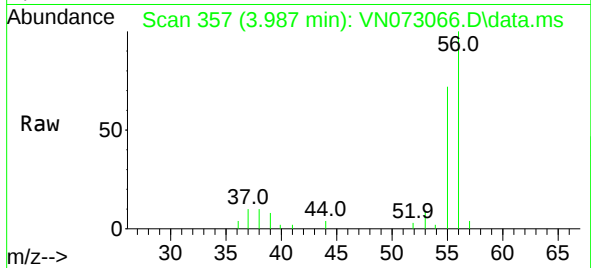
Tgt Ion: 43 Resp: 117638
Ion Ratio Lower Upper
43 100
74 22.5 20.8 31.2





#13
Acrolein
Concen: 118.037 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

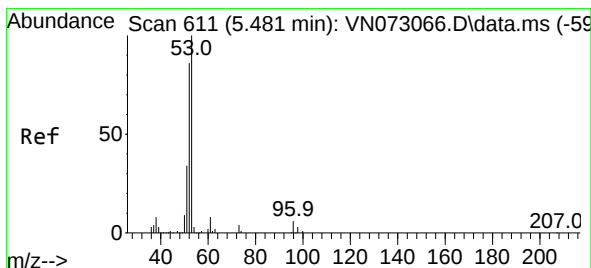
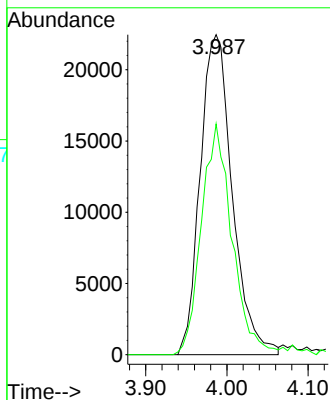
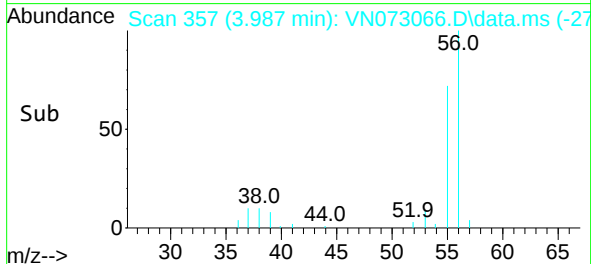
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



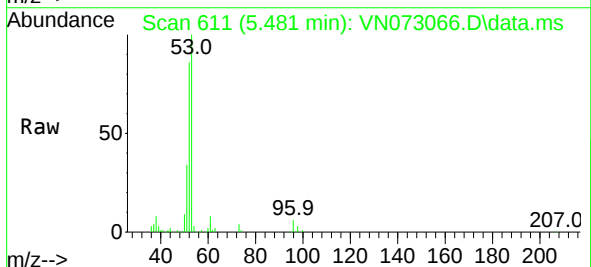
Tgt Ion: 56 Resp: 61794
Ion Ratio Lower Upper
56 100
55 68.5 57.6 86.4

Manual Integrations
APPROVED

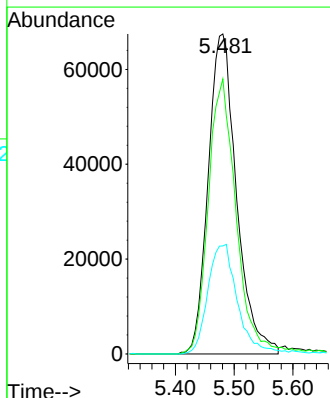
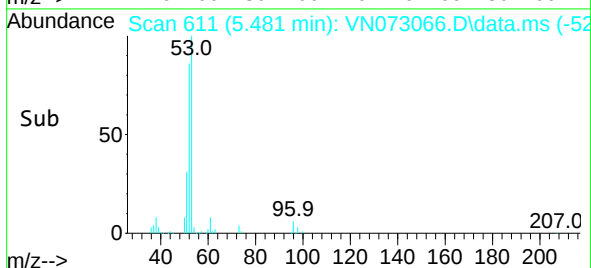
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

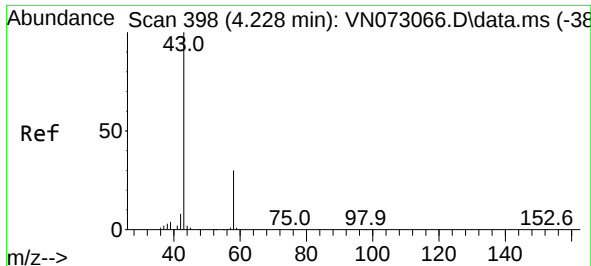


#14
Acrylonitrile
Concen: 99.245 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



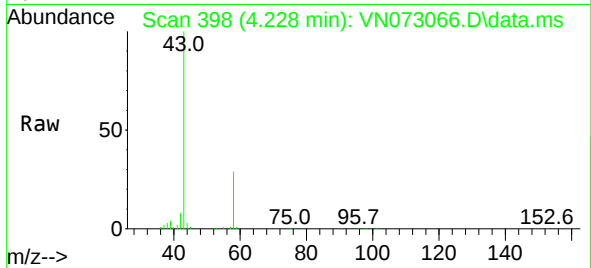
Tgt Ion: 53 Resp: 226078
Ion Ratio Lower Upper
53 100
52 81.8 41.8 125.4
51 35.5 19.0 57.0





#15
Acetone
Concen: 103.674 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

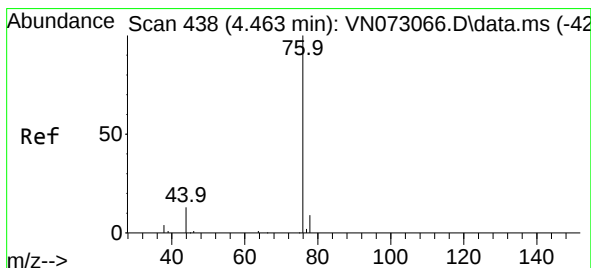
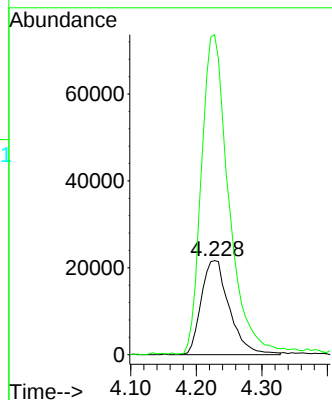
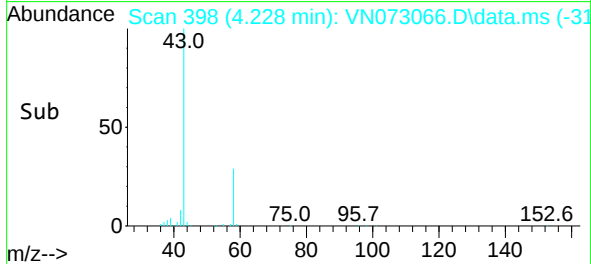
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



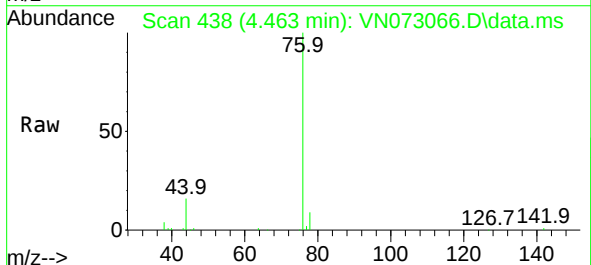
Tgt Ion: 58 Resp: 6466
Ion Ratio Lower Upper
58 100
43 338.9 256.6 384.8

Manual Integrations
APPROVED

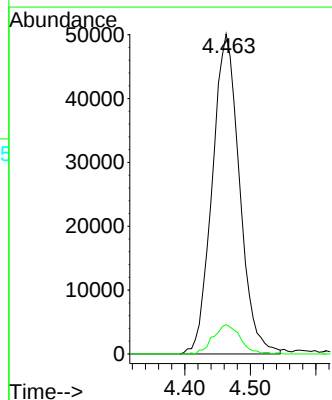
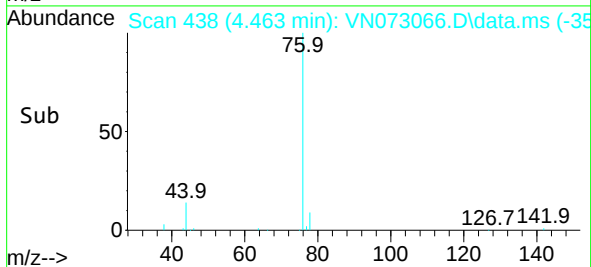
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

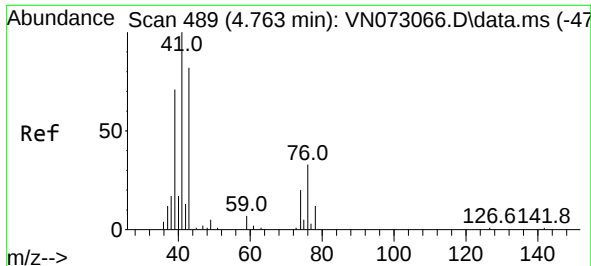


#16
Carbon Disulfide
Concen: 20.610 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



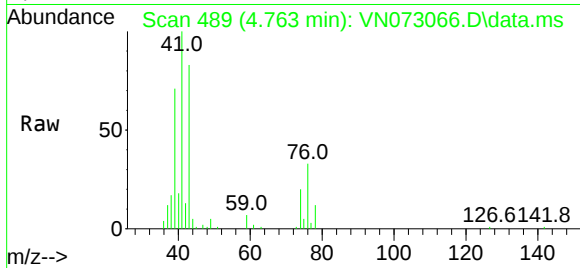
Tgt Ion: 76 Resp: 144541
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17
 Allyl chloride
 Concen: 18.147 ug/l
 RT: 4.763 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

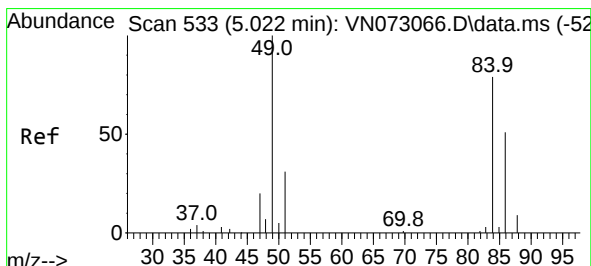
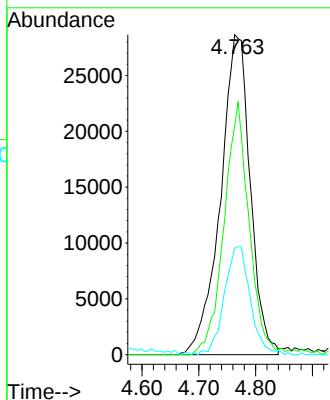
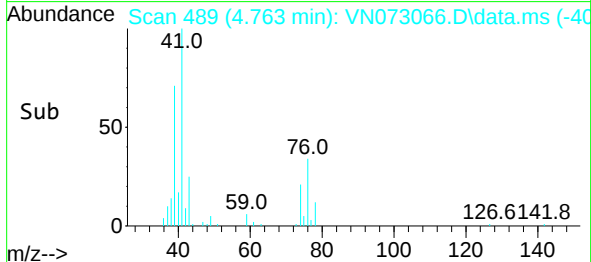
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 104309
 Ion Ratio Lower Upper
 41 100
 39 71.5 44.6 134.0
 76 32.7 19.6 58.7

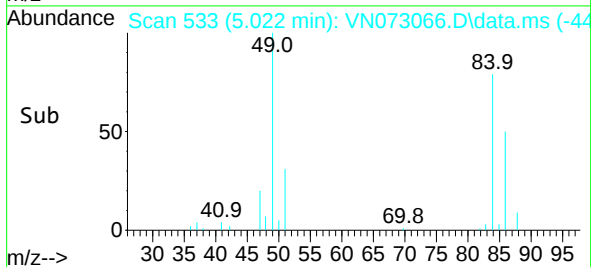
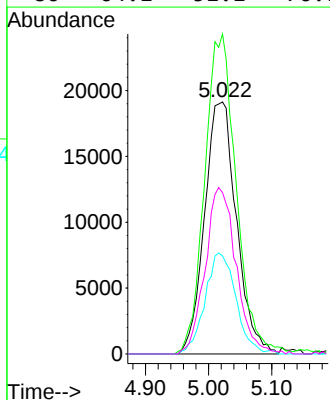
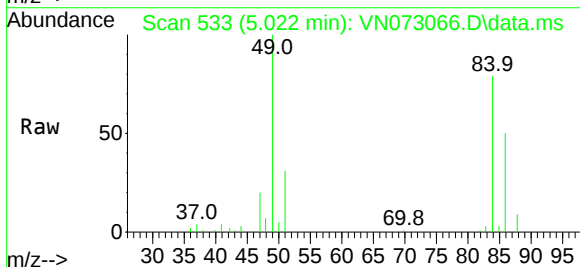
Manual Integrations
 APPROVED

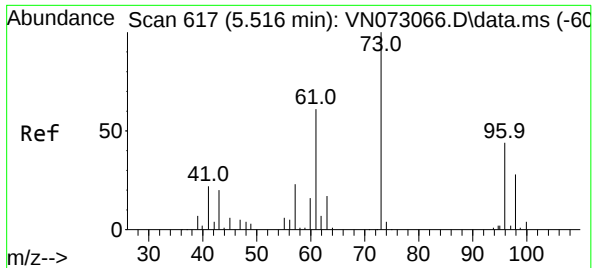
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#18
 Methylene Chloride
 Concen: 19.757 ug/l
 RT: 5.022 min Scan# 533
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

Tgt Ion: 84 Resp: 67131
 Ion Ratio Lower Upper
 84 100
 49 126.0 91.4 137.0
 51 38.9 29.4 44.0
 86 64.1 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 20.404 ug/l

RT: 5.516 min Scan# 617

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 96 Resp: 59970

Ion Ratio Lower Upper

96 100

61 137.5 102.8 154.2

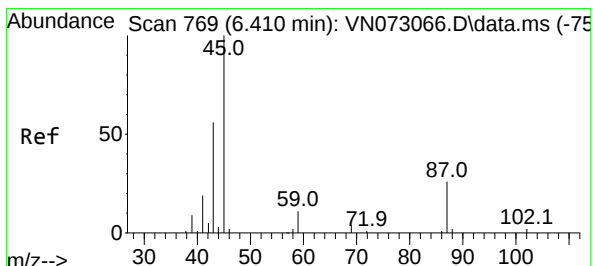
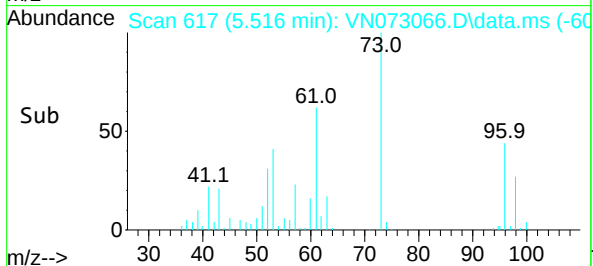
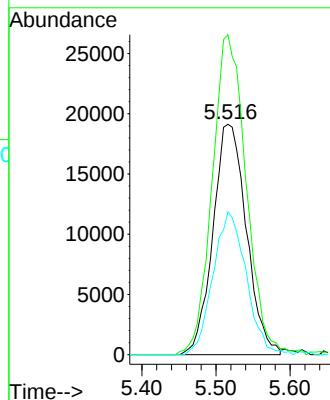
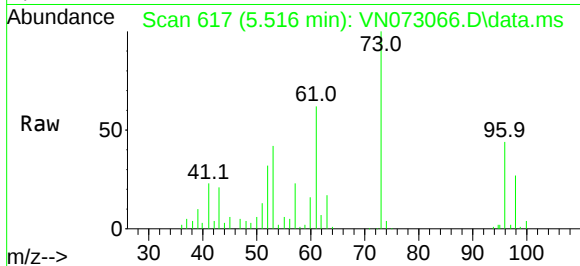
98 61.9 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#20

Diisopropyl ether

Concen: 19.520 ug/l

RT: 6.410 min Scan# 769

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Tgt Ion: 45 Resp: 224256

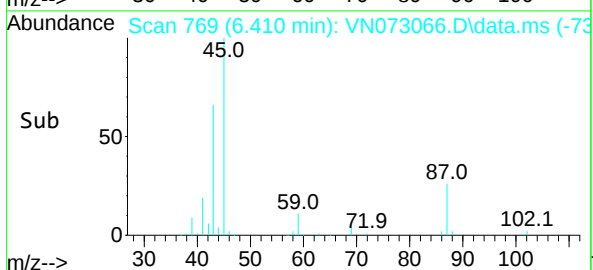
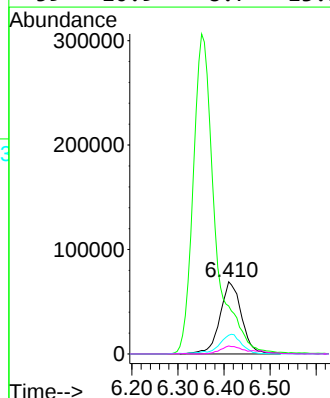
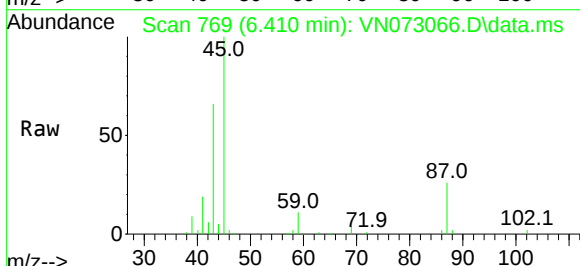
Ion Ratio Lower Upper

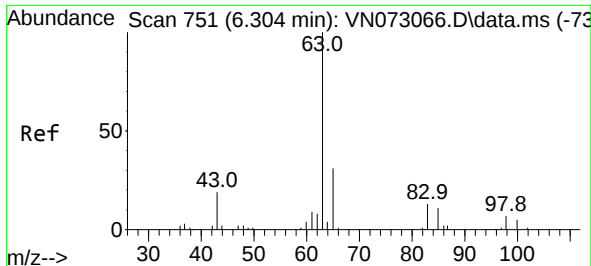
45 100

43 63.9 51.0 76.4

87 26.0 25.0 37.4

59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.510 ug/l

RT: 6.304 min Scan# 751

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

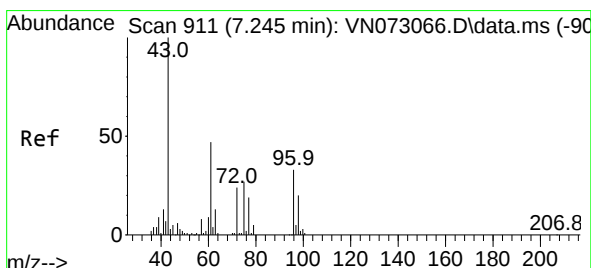
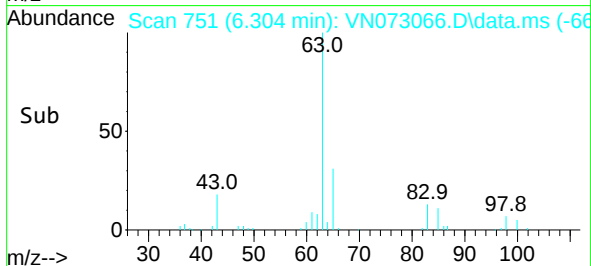
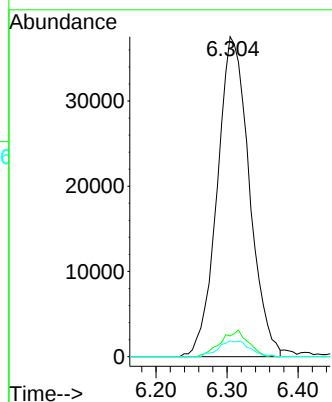
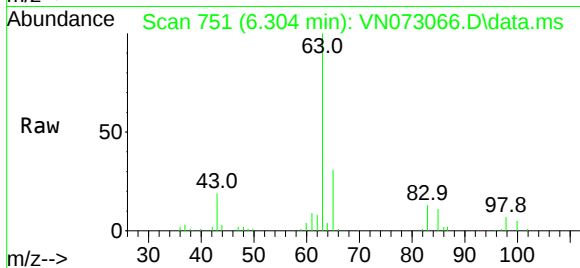
Tgt Ion:	63	Resp:	117709
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.2	9.6
100	5.0	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#22

cis-1,2-Dichloroethene

Concen: 19.317 ug/l

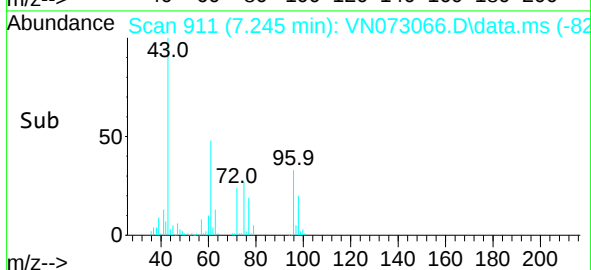
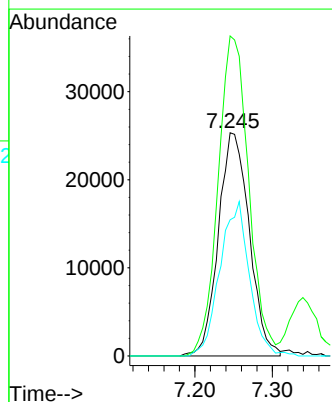
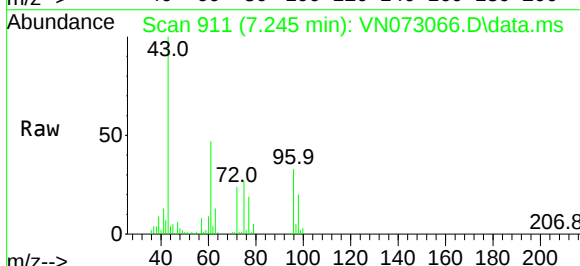
RT: 7.245 min Scan# 911

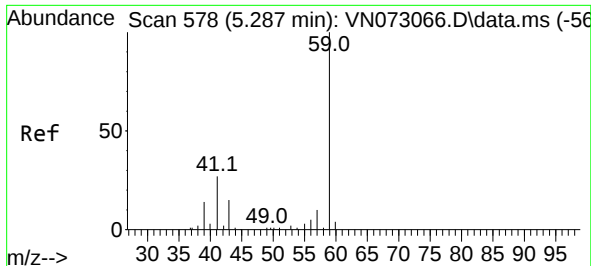
Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Tgt Ion:	96	Resp:	70379
Ion Ratio	Lower	Upper	
96	100		
61	141.9	115.7	173.5
98	65.2	51.6	77.4





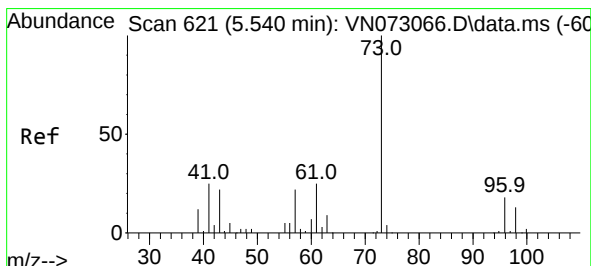
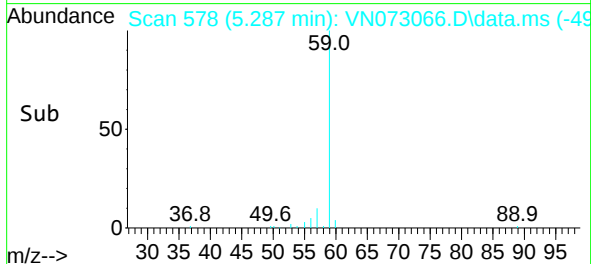
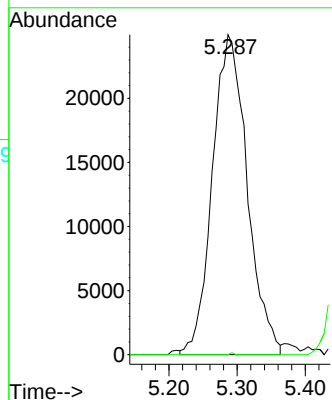
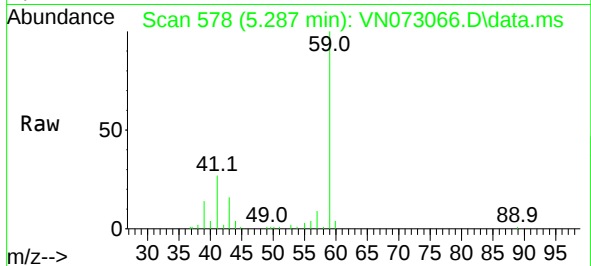
#23
tert-Butyl Alcohol
Concen: 86.698 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 88580
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

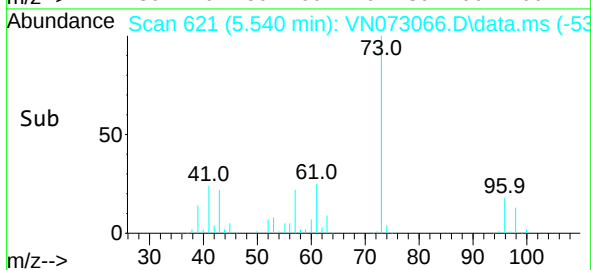
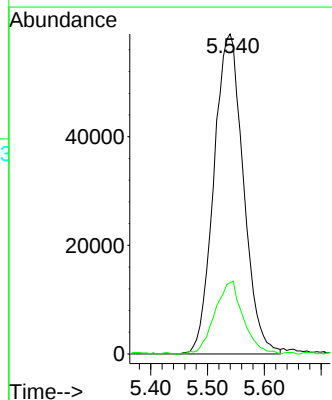
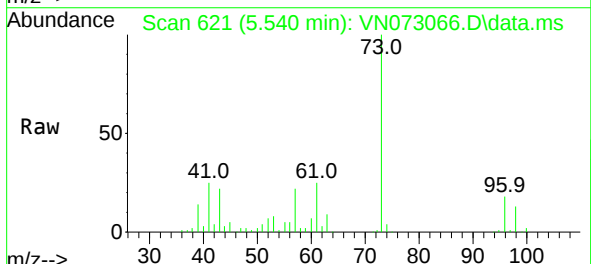
Manual Integrations
APPROVED

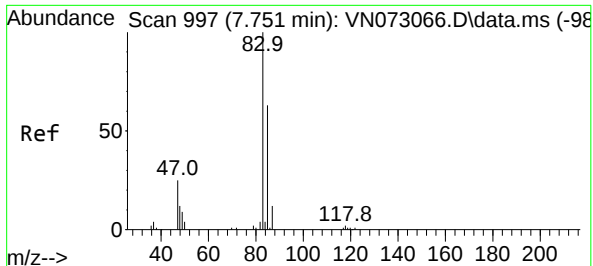
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#24
Methyl tert-Butyl Ether
Concen: 18.068 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

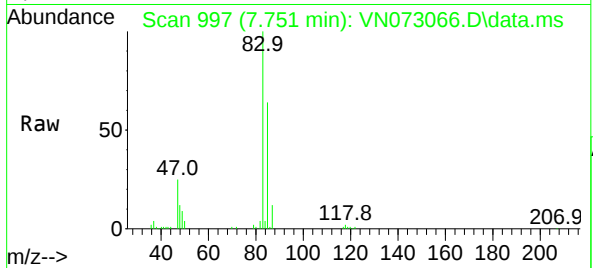
Tgt Ion: 73 Resp: 212721
Ion Ratio Lower Upper
73 100
43 21.6 18.1 27.1





#25
Chloroform
Concen: 18.223 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

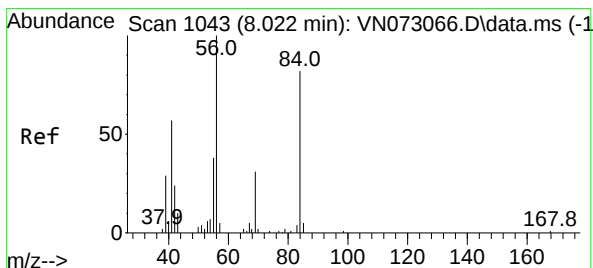
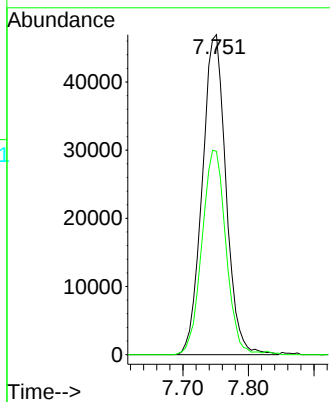
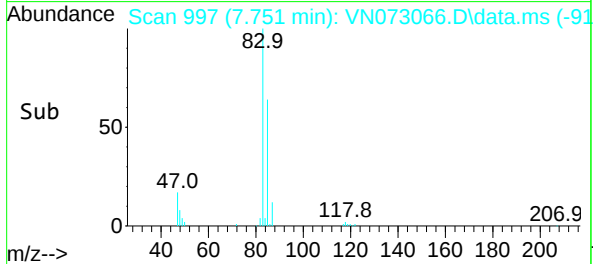
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



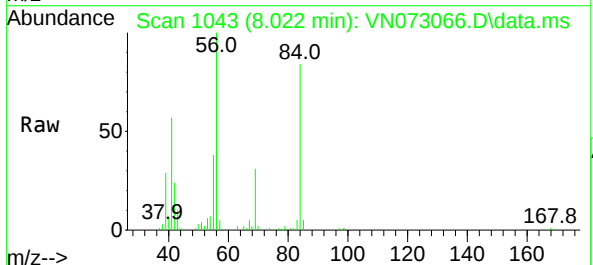
Tgt Ion: 83 Resp: 11815
Ion Ratio Lower Upper
83 100
85 63.2 51.3 76.9

Manual Integrations
APPROVED

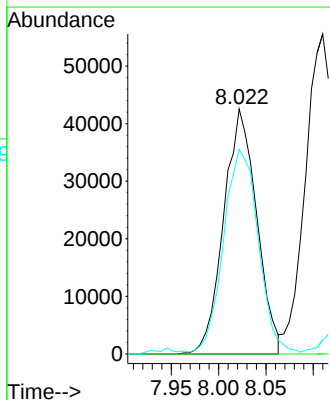
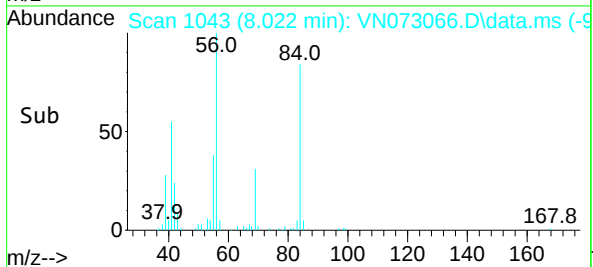
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

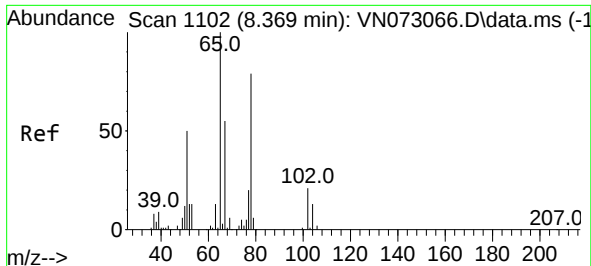


#26
Cyclohexane
Concen: 19.279 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



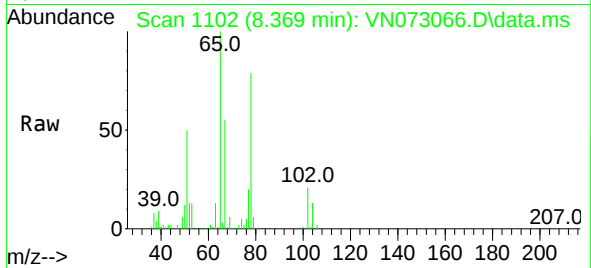
Tgt Ion: 56 Resp: 103071
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 88.4 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 26.826 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

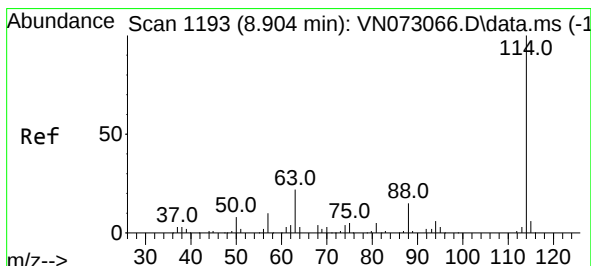
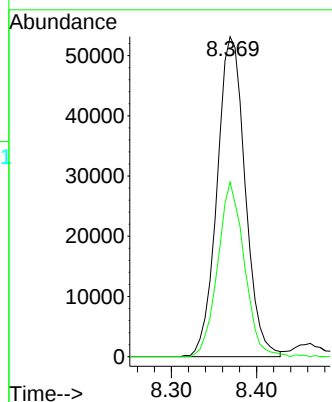
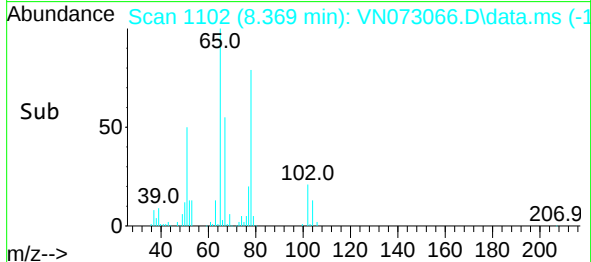
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



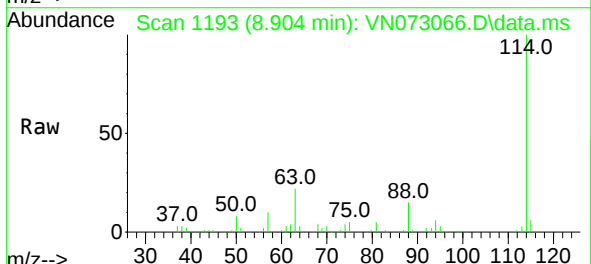
Tgt Ion: 65 Resp: 121840
Ion Ratio Lower Upper
65 100
67 51.5 40.2 60.2

Manual Integrations
APPROVED

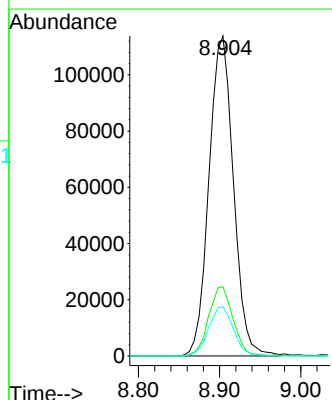
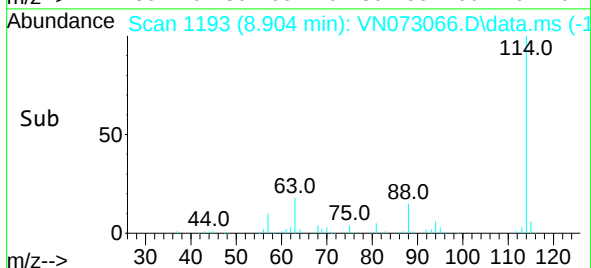
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

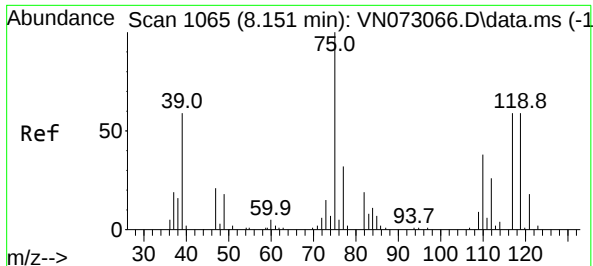


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



Tgt Ion:114 Resp: 238388
Ion Ratio Lower Upper
114 100
63 21.6 15.8 23.6
88 15.7 11.6 17.4





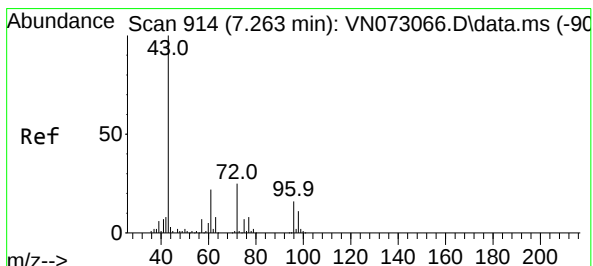
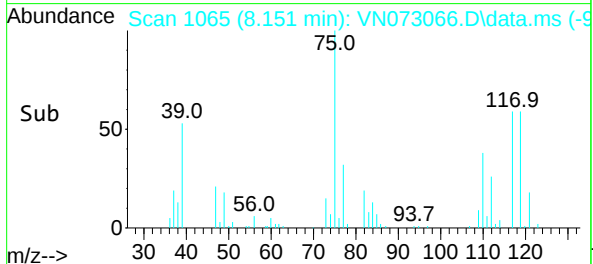
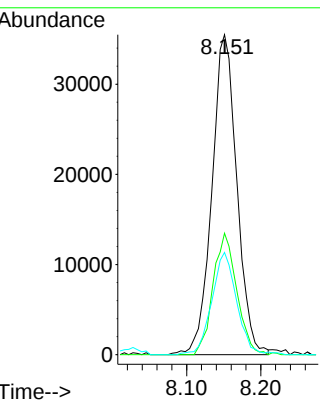
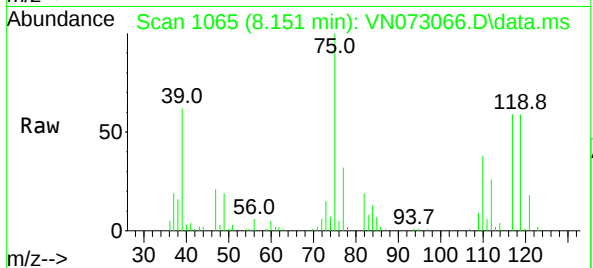
#29
1,1-Dichloropropene
Concen: 18.422 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 83012
Ion Ratio Lower Upper
75 100
110 35.9 0.0 74.2
77 31.6 0.0 63.2

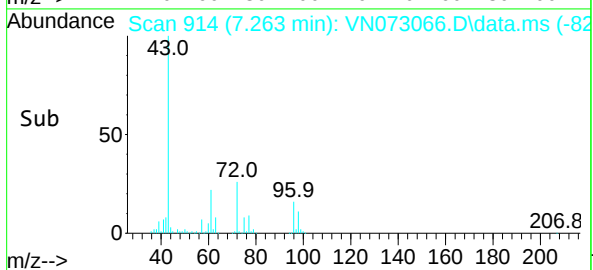
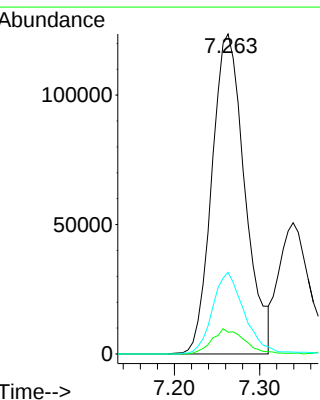
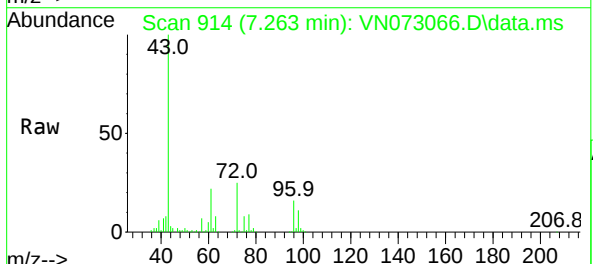
Manual Integrations
APPROVED

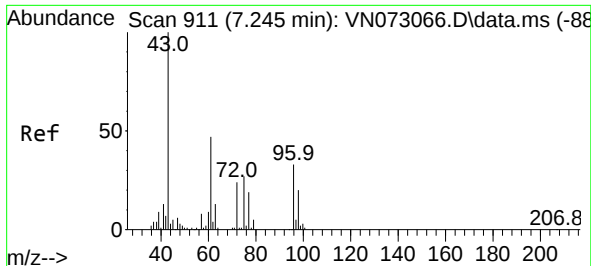
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
2-Butanone
Concen: 100.325 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Tgt Ion: 43 Resp: 332258
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 24.4 23.2 34.8





#31

2,2-Dichloropropane

Concen: 8.013 ug/l m

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 43108

Ion Ratio Lower Upper

77 100

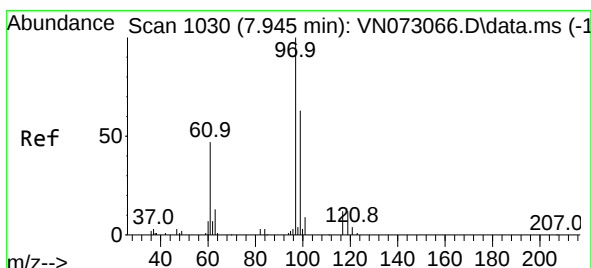
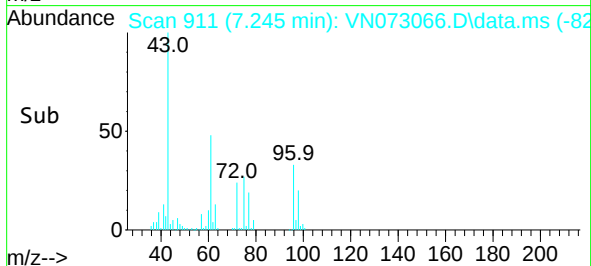
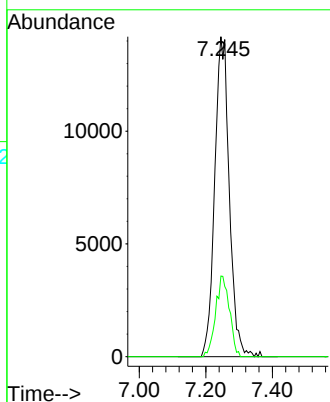
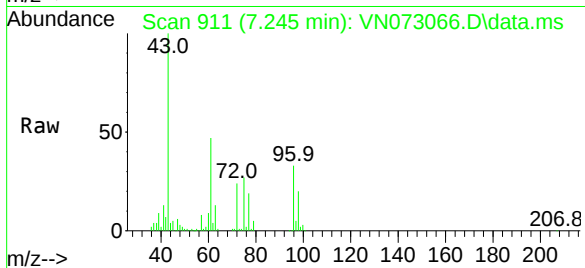
97 23.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#32

1,1,1-Trichloroethane

Concen: 17.694 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

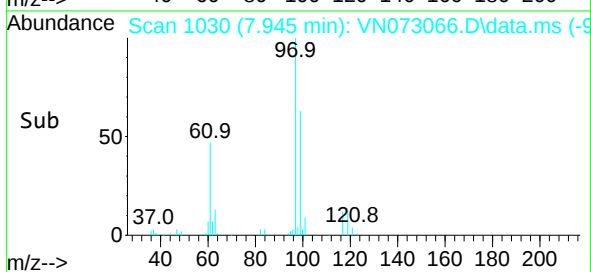
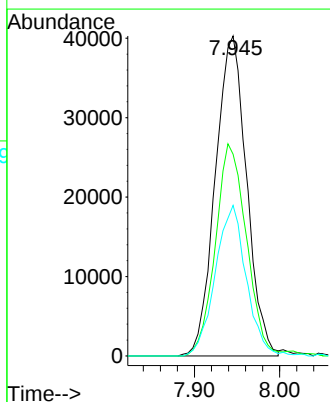
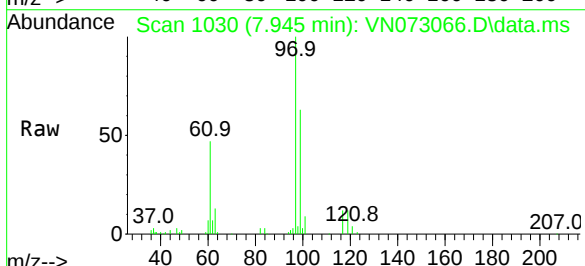
Tgt Ion: 97 Resp: 102837

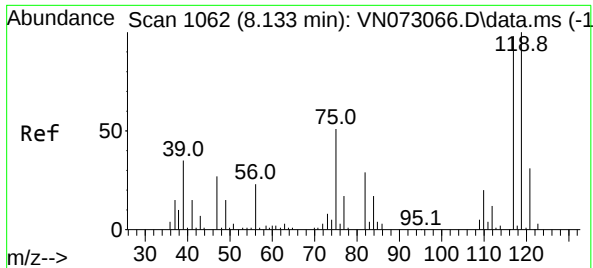
Ion Ratio Lower Upper

97 100

99 65.8 50.4 75.6

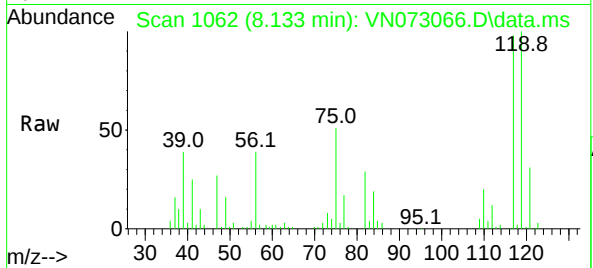
61 46.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 17.358 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

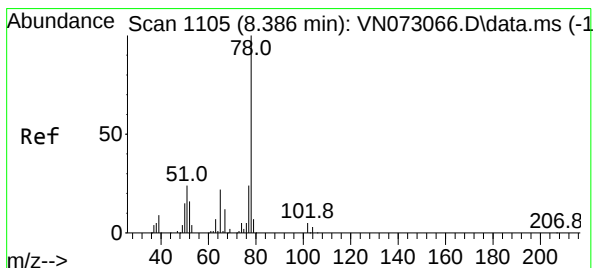
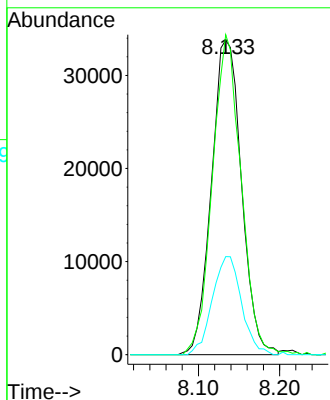
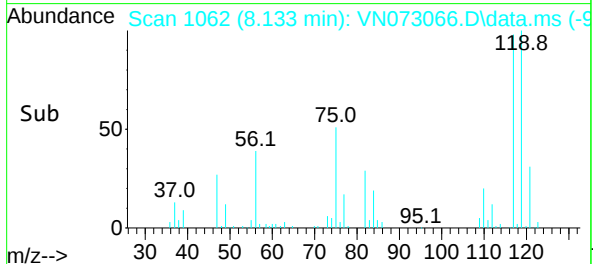
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



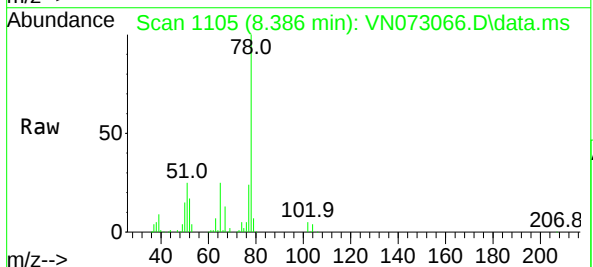
Tgt Ion:117 Resp: 86820
Ion Ratio Lower Upper
117 100
119 101.7 77.5 116.3
121 31.2 23.5 35.3

Manual Integrations
APPROVED

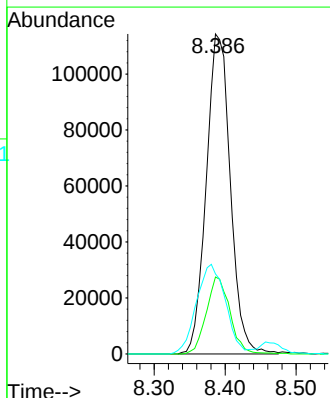
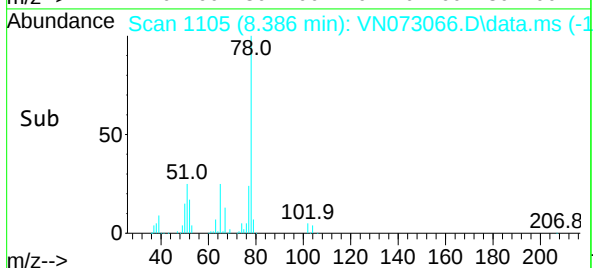
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

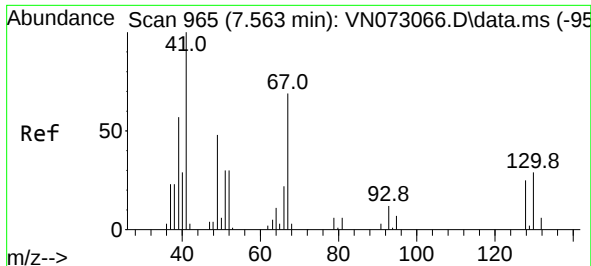


#34
Benzene
Concen: 19.912 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



Tgt Ion: 78 Resp: 269285
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7
51 23.9 16.0 24.0





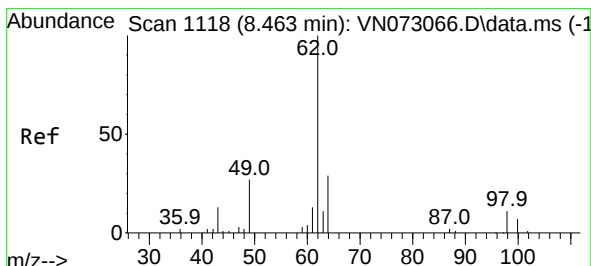
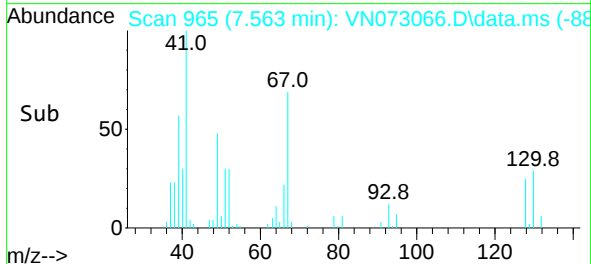
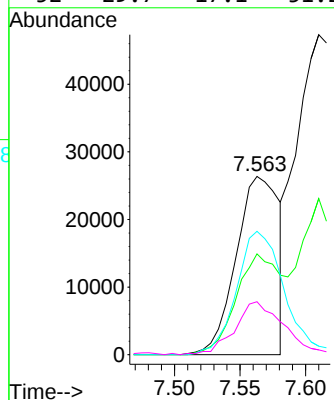
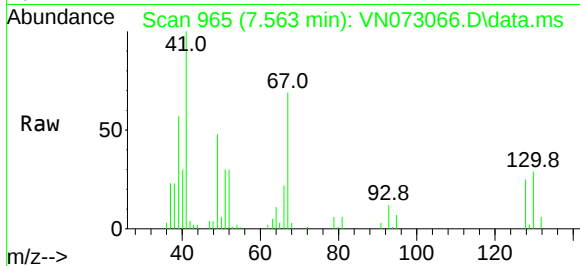
#35
Methacrylonitrile
Concen: 18.549 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 59810
Ion Ratio Lower Upper
41 100
39 56.6 28.0 83.9
67 69.2 37.7 113.1
52 29.7 17.1 51.2

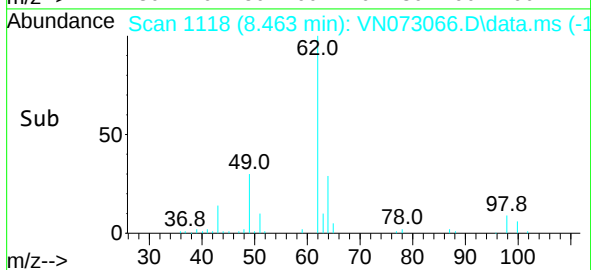
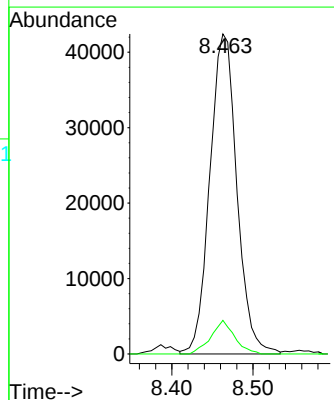
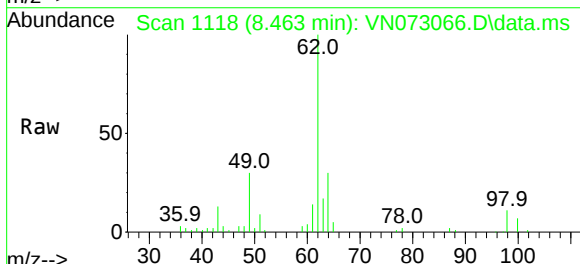
Manual Integrations
APPROVED

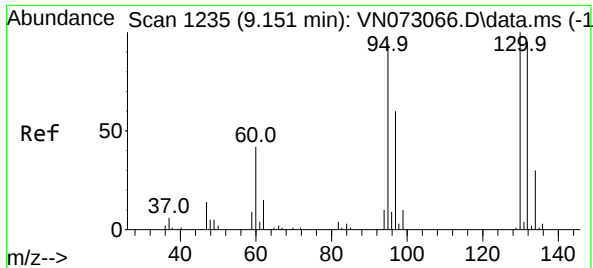
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#36
1,2-Dichloroethane
Concen: 17.767 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

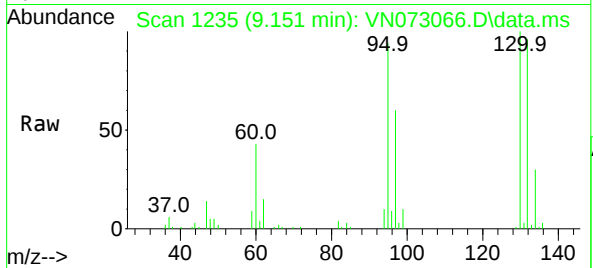
Tgt Ion: 62 Resp: 98362
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0





#37
Trichloroethene
Concen: 19.630 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

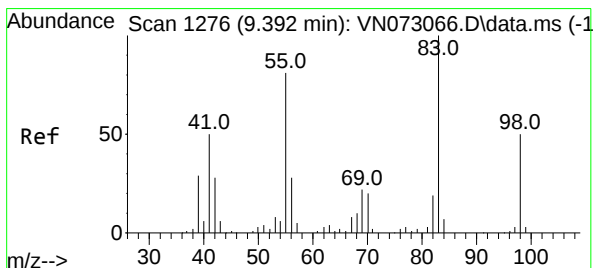
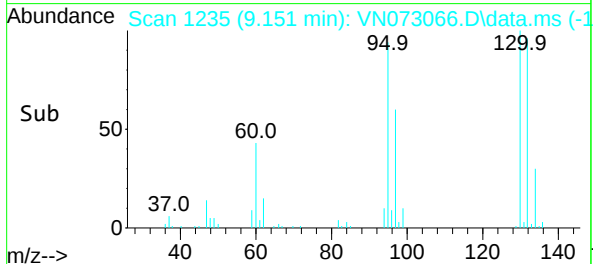
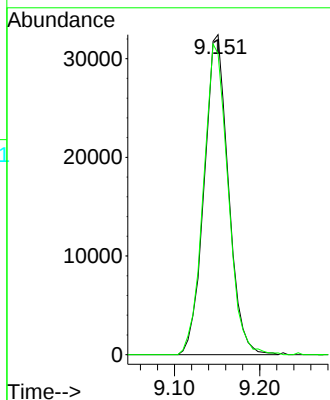
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 64035
Ion Ratio Lower Upper
130 100
95 94.1 76.6 115.0

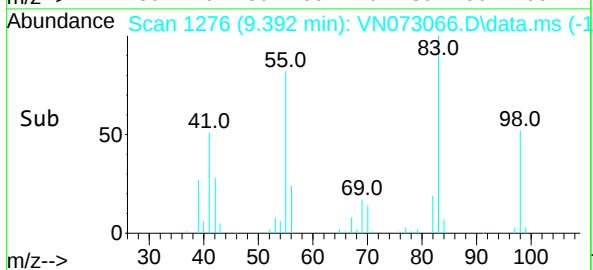
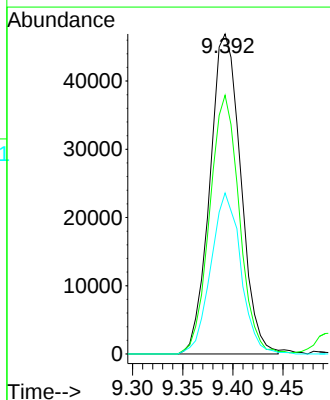
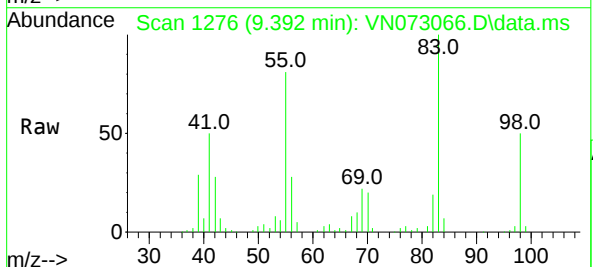
Manual Integrations
APPROVED

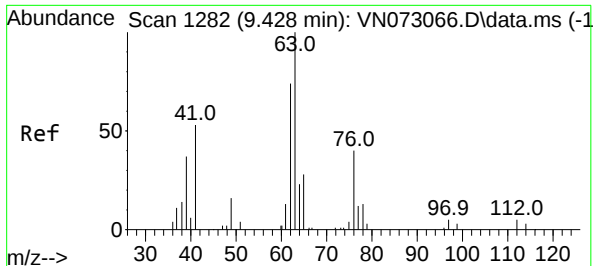
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Methylcyclohexane
Concen: 18.625 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Tgt Ion: 83 Resp: 100513
Ion Ratio Lower Upper
83 100
55 77.6 35.1 105.3
98 48.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 18.700 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 6847

Ion Ratio Lower Upper

63 100

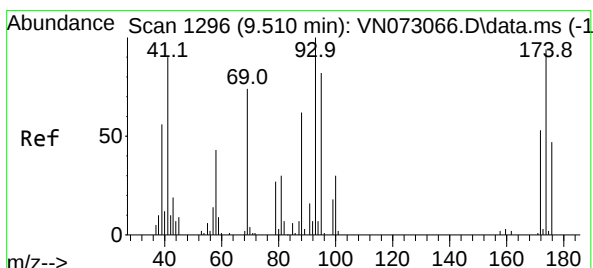
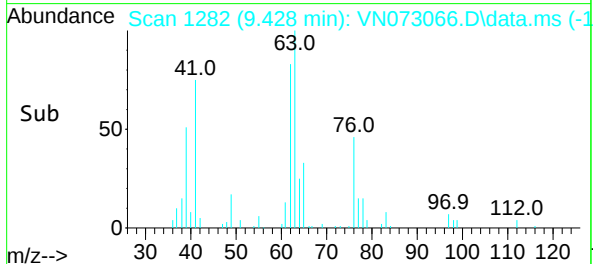
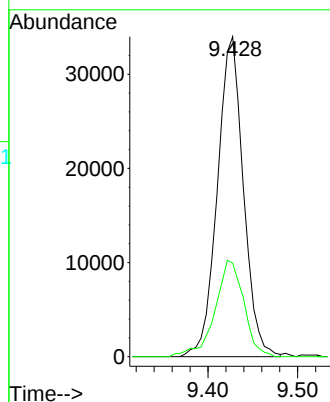
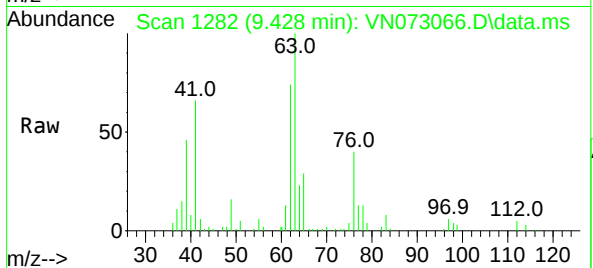
65 29.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Dibromomethane

Concen: 18.565 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

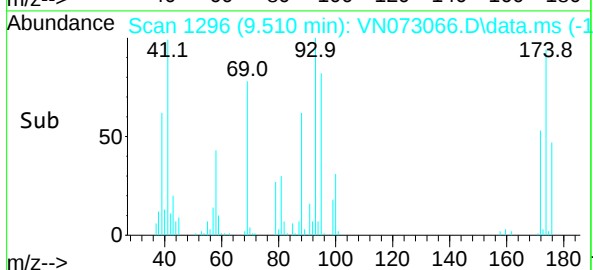
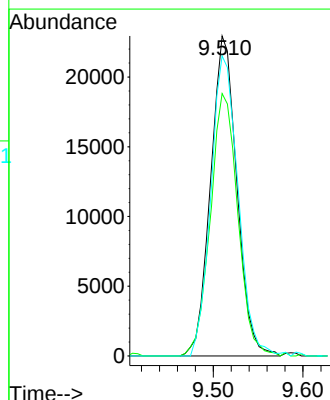
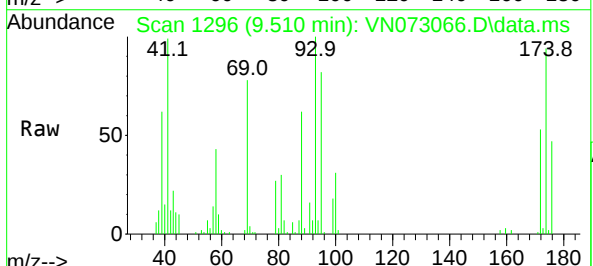
Tgt Ion: 93 Resp: 46632

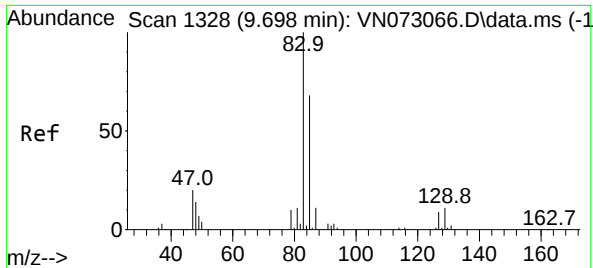
Ion Ratio Lower Upper

93 100

95 85.4 0.0 168.8

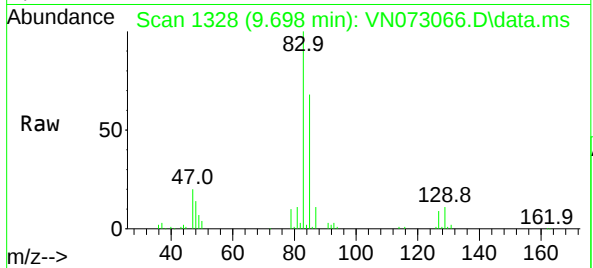
174 96.8 0.0 173.6





#41
Bromodichloromethane
Concen: 17.202 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

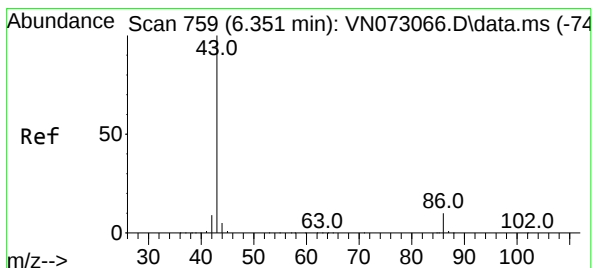
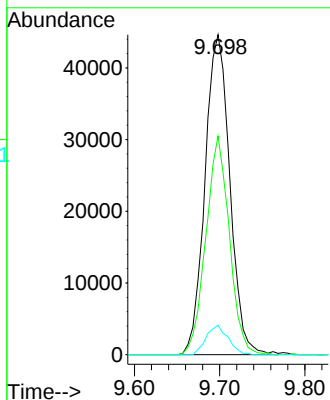
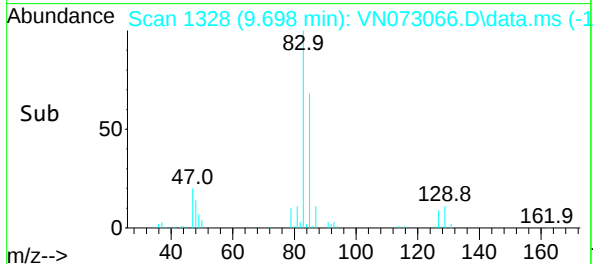
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



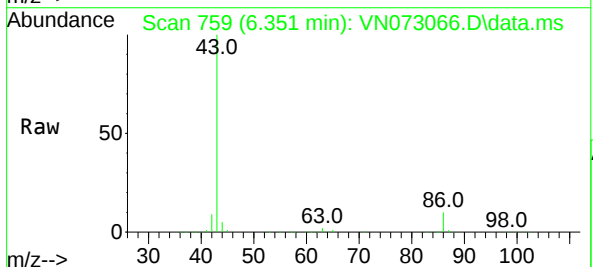
Tgt Ion: 83 Resp: 90499
Ion Ratio Lower Upper
83 100
85 68.3 54.1 81.1
127 9.2 7.6 11.4

Manual Integrations
APPROVED

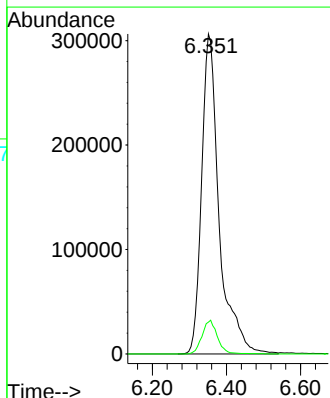
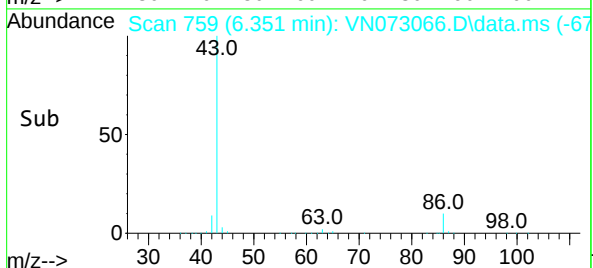
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

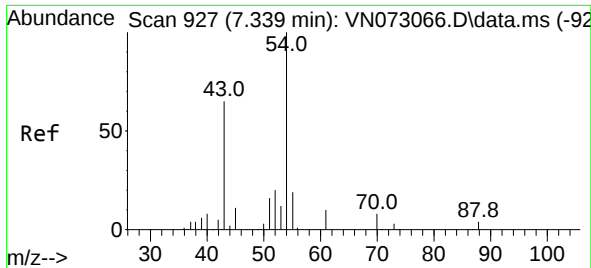


#42
Vinyl Acetate
Concen: 94.730 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



Tgt Ion: 43 Resp: 1005860
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





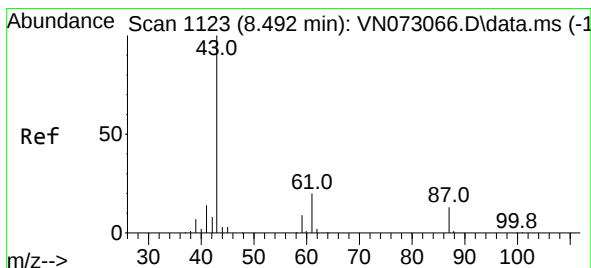
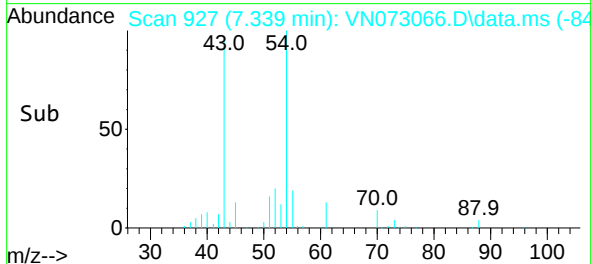
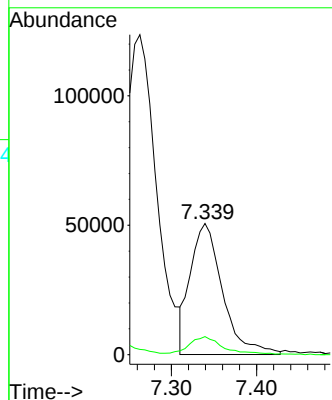
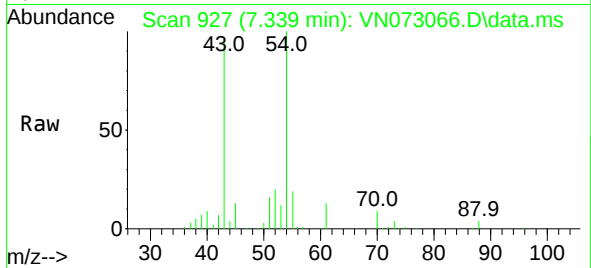
#43
Ethyl Acetate
Concen: 20.799 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 132594
Ion Ratio Lower Upper
43 100
45 11.3 10.6 16.0

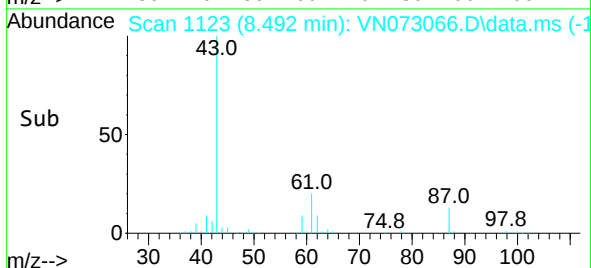
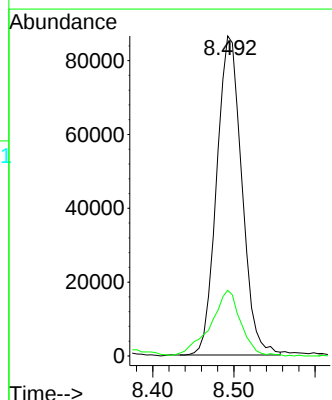
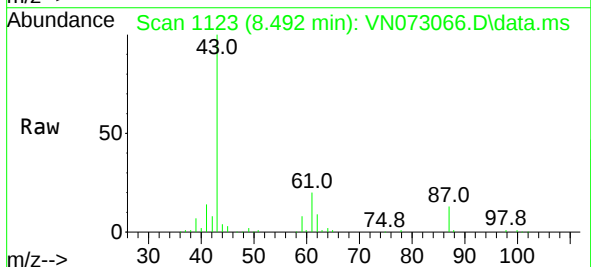
Manual Integrations
APPROVED

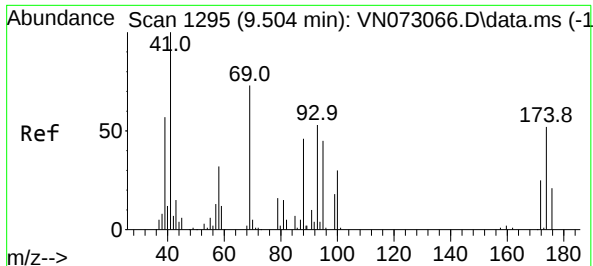
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44
Isopropyl Acetate
Concen: 18.117 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Tgt Ion: 43 Resp: 186233
Ion Ratio Lower Upper
43 100
61 24.0 20.1 30.1





#45

1,4-Dioxane

Concen: 395.718 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 88 Resp: 3383

Ion Ratio Lower Upper

88 100

43 34.0 25.0 37.6

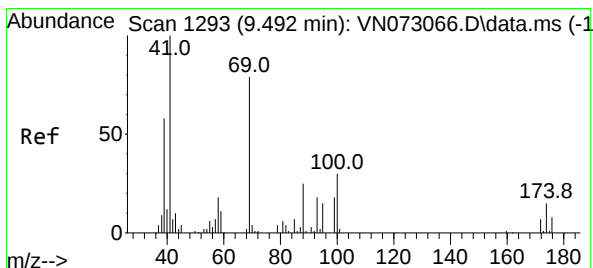
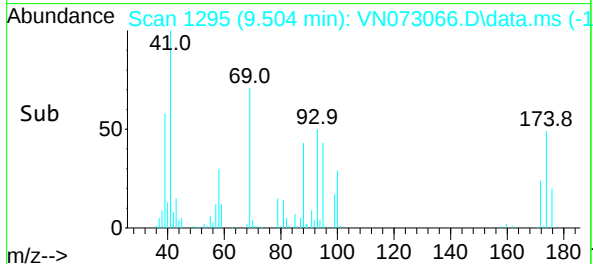
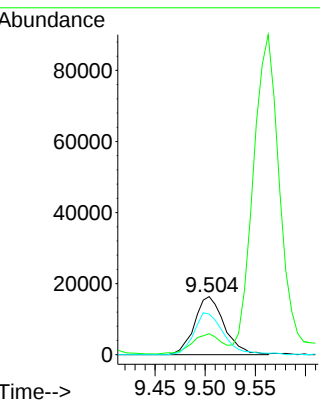
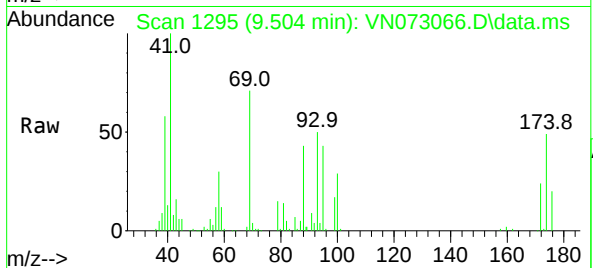
58 71.4 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Methyl methacrylate

Concen: 18.055 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

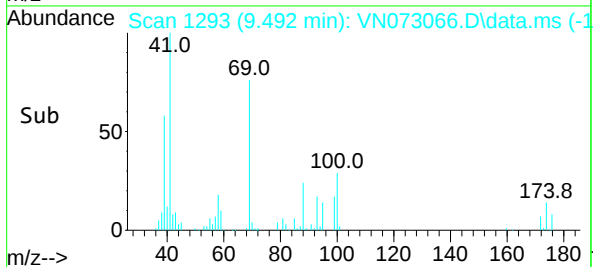
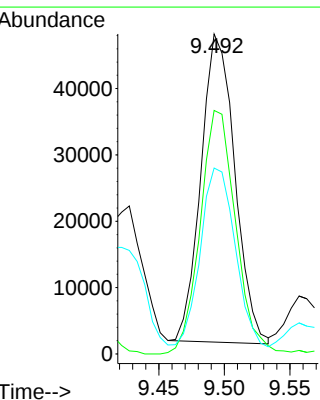
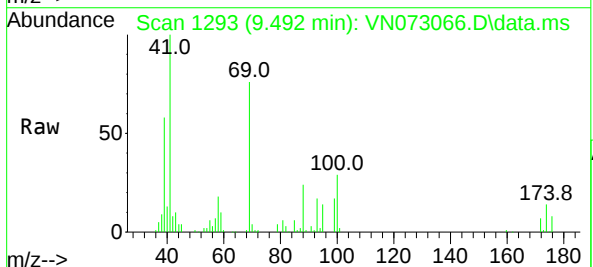
Tgt Ion: 41 Resp: 83390

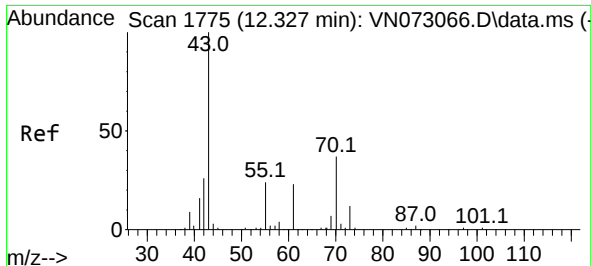
Ion Ratio Lower Upper

41 100

69 79.0 44.4 133.2

39 58.3 39.9 119.6





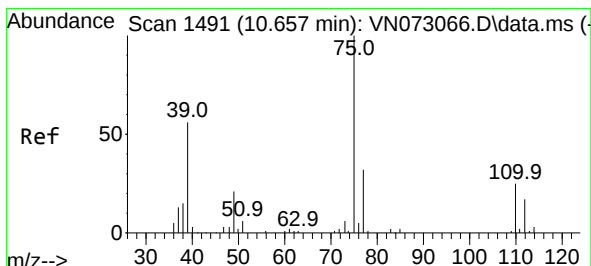
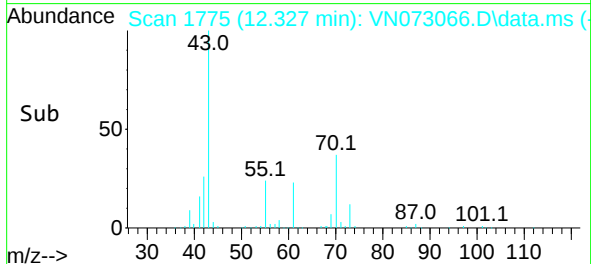
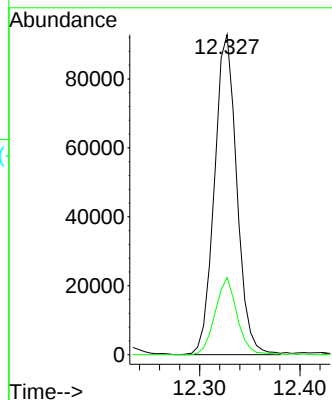
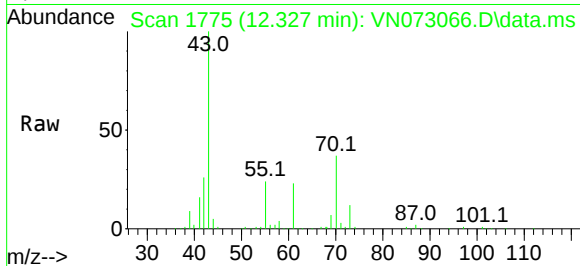
#47
n-amy1 Acetate
Concen: 17.998 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 143920
Ion Ratio Lower Upper
43 100
55 23.5 19.0 28.6

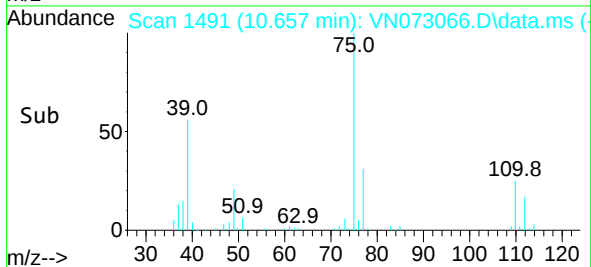
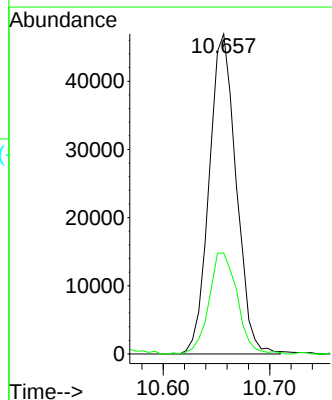
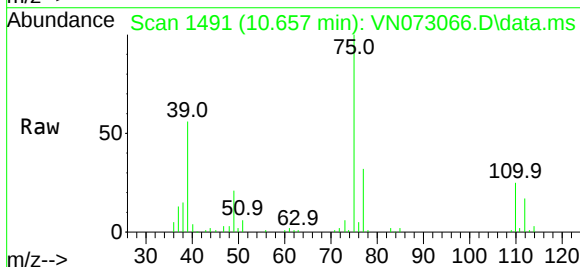
Manual Integrations
APPROVED

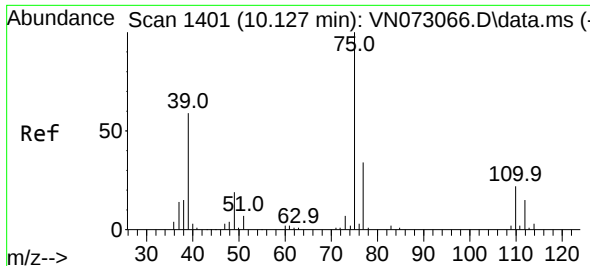
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
t-1,3-Dichloropropene
Concen: 14.139 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

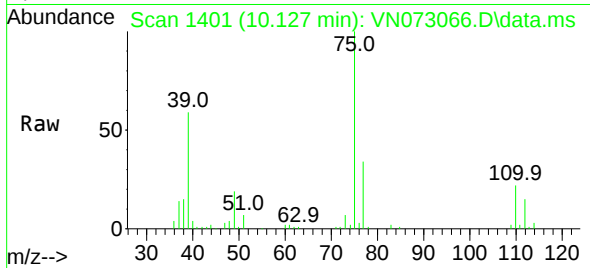
Tgt Ion: 75 Resp: 82664
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 15.266 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

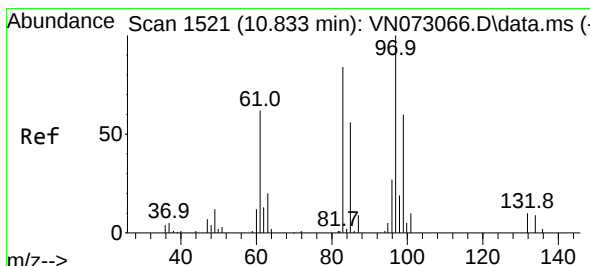
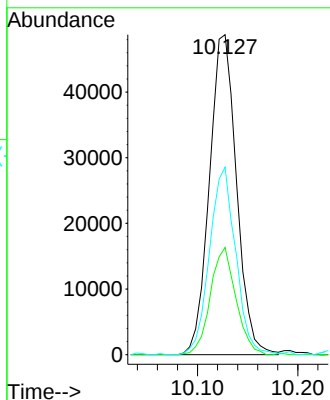
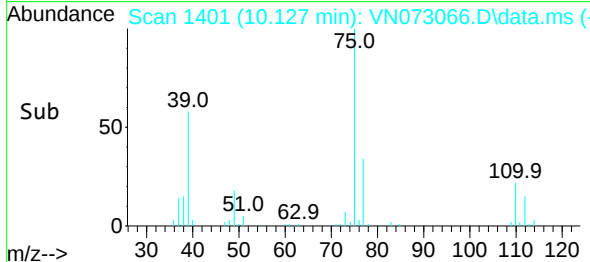
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



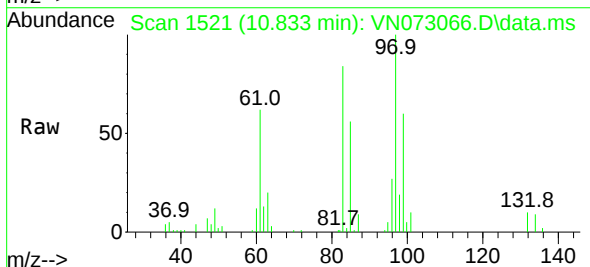
Tgt Ion: 75 Resp: 91664
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.3 37.9
 39 58.6 46.2 69.4

Manual Integrations
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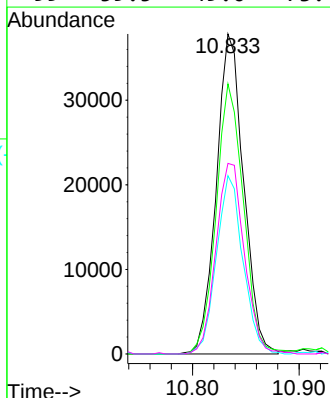
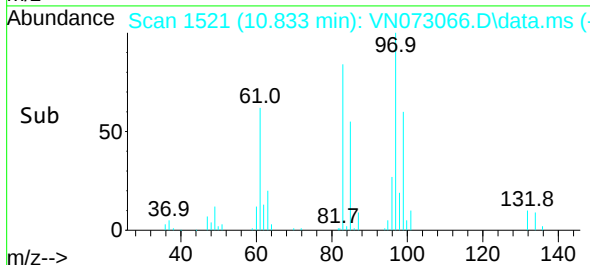
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

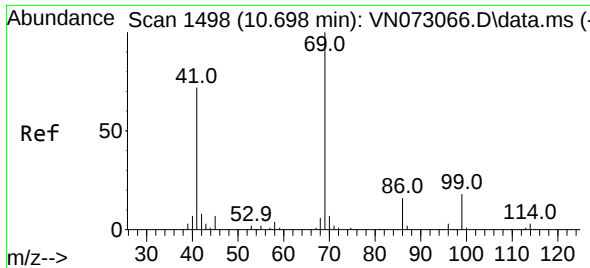


#50
 1,1,2-Trichloroethane
 Concen: 18.997 ug/l
 RT: 10.833 min Scan# 1521
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58



Tgt Ion: 97 Resp: 67399
 Ion Ratio Lower Upper
 97 100
 83 84.4 67.2 100.8
 85 55.7 43.0 64.4
 99 59.5 49.0 73.4





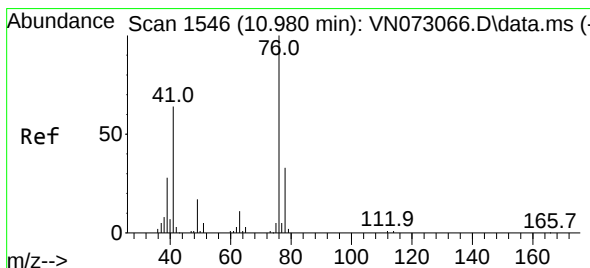
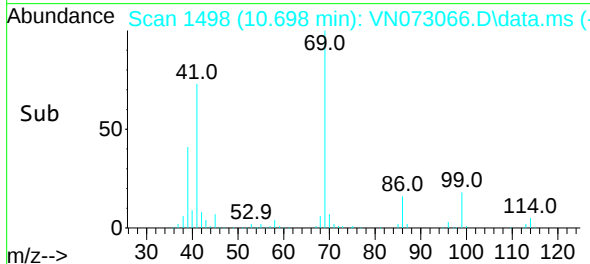
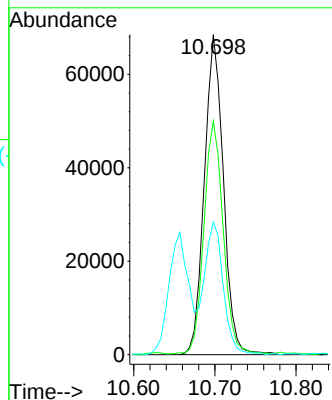
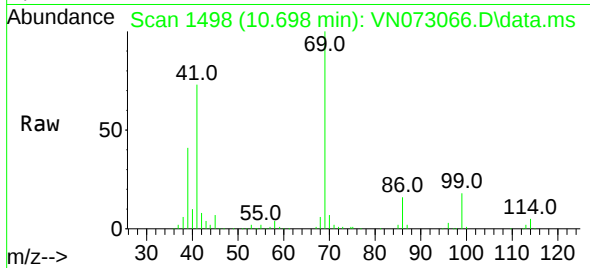
#51
Ethyl methacrylate
Concen: 17.573 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 111772
Ion Ratio Lower Upper
69 100
41 72.4 33.0 98.9
39 41.5 25.4 76.4

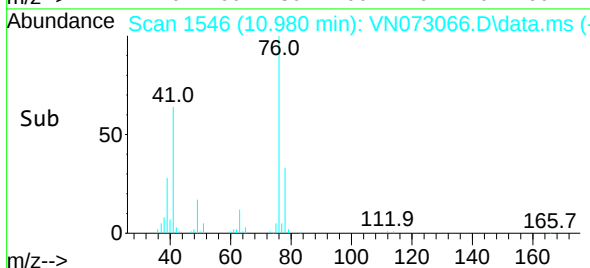
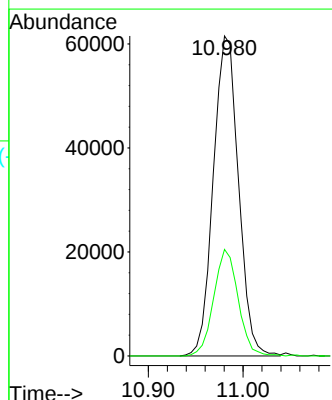
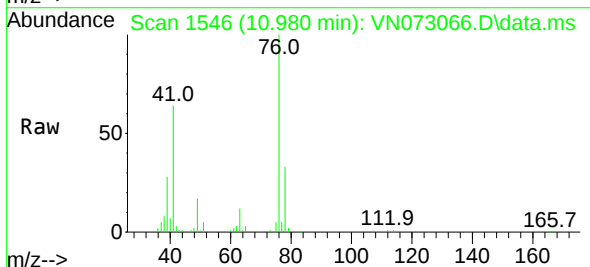
Manual Integrations
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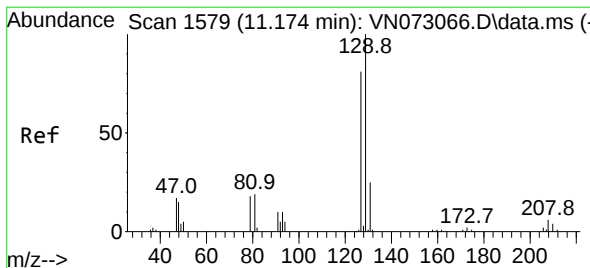
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
1,3-Dichloropropane
Concen: 18.186 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Tgt Ion: 76 Resp: 113606
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





#53

Dibromochloromethane

Concen: 17.127 ug/l

RT: 11.174 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:129 Resp: 65938

Ion Ratio Lower Upper

129 100

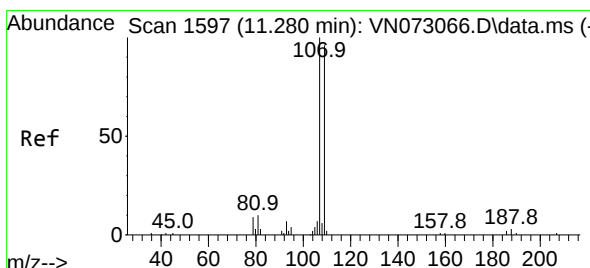
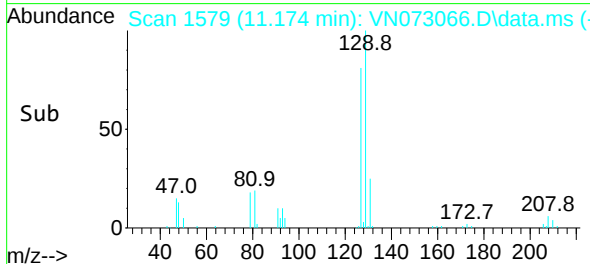
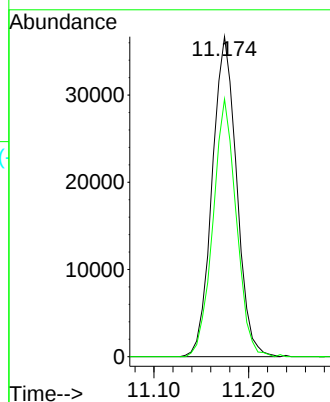
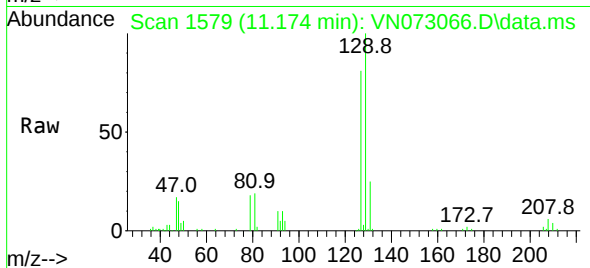
127 76.8 39.0 117.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#54

1,2-Dibromoethane

Concen: 18.562 ug/l

RT: 11.280 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VN073066.D

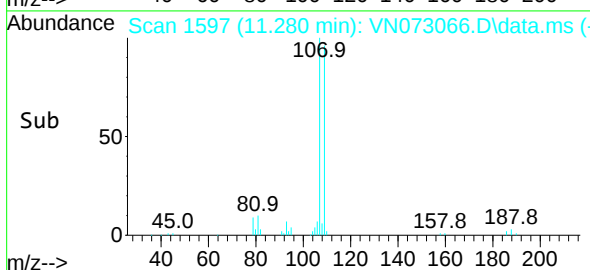
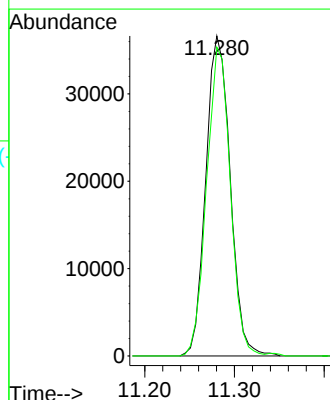
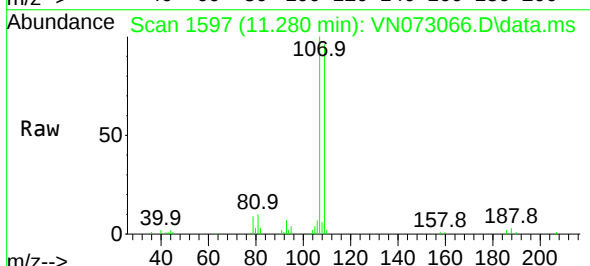
Acq: 23 Jun 2022 23:58

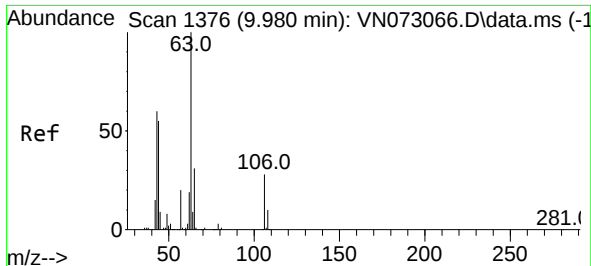
Tgt Ion:107 Resp: 69244

Ion Ratio Lower Upper

107 100

109 93.5 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 95.832 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 247462

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0

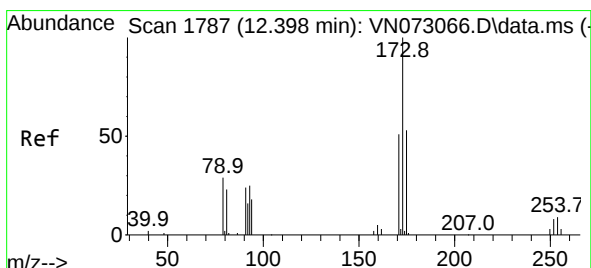
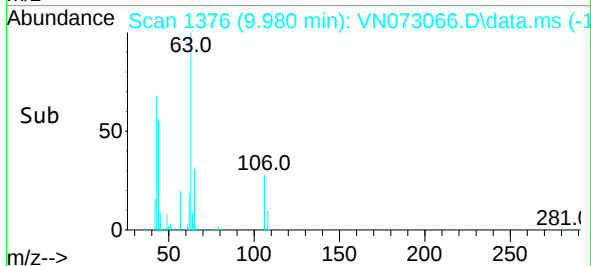
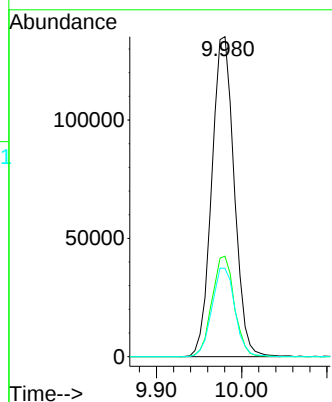
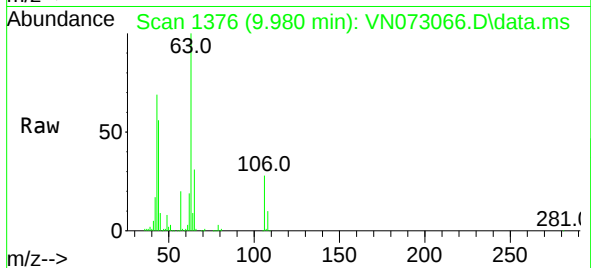
106 28.4 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

Bromoform

Concen: 17.167 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

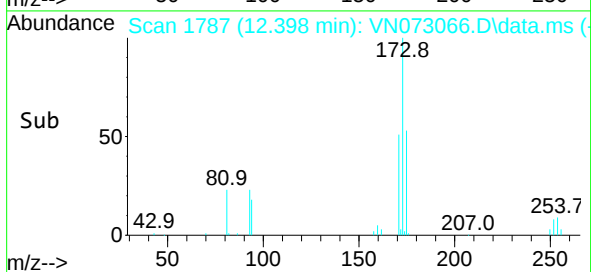
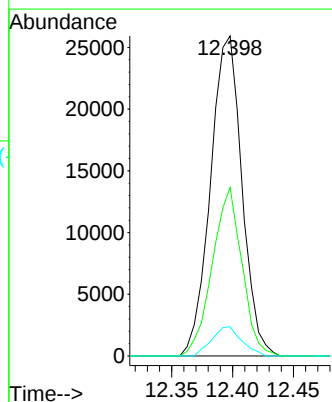
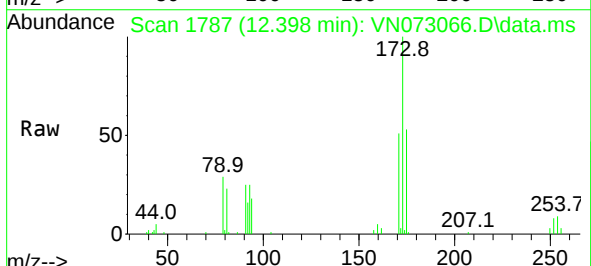
Tgt Ion:173 Resp: 46509

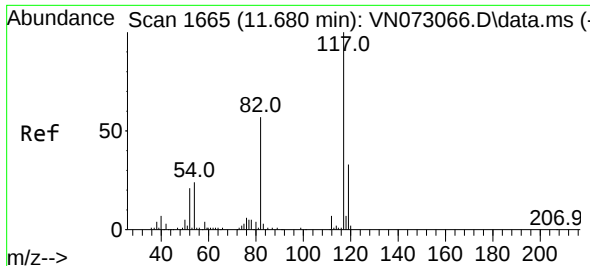
Ion Ratio Lower Upper

173 100

175 49.6 38.6 58.0

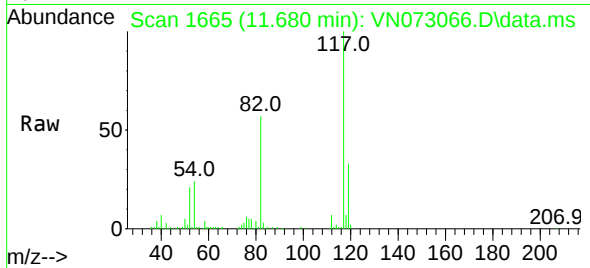
254 8.7 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

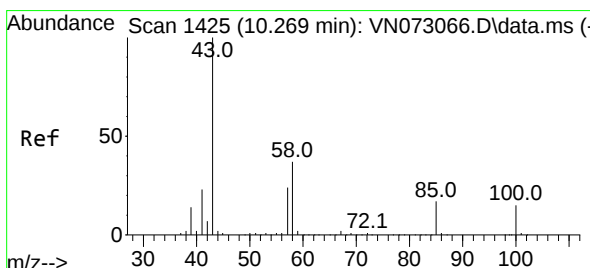
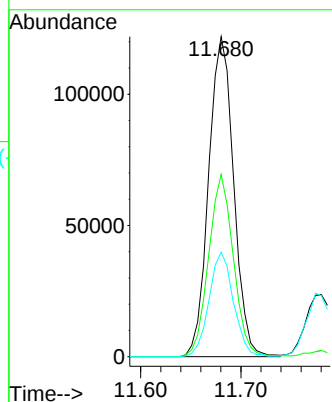
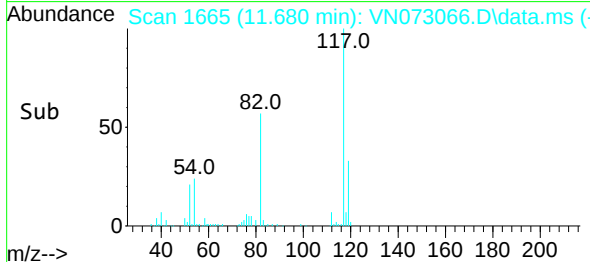
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 211889
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 31.9 25.8 38.6

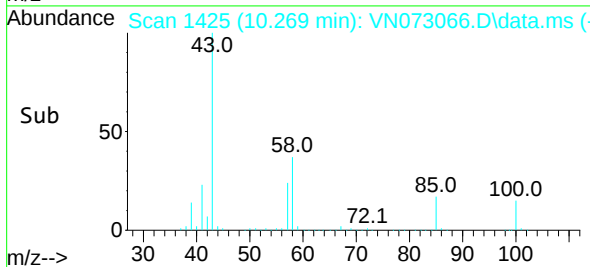
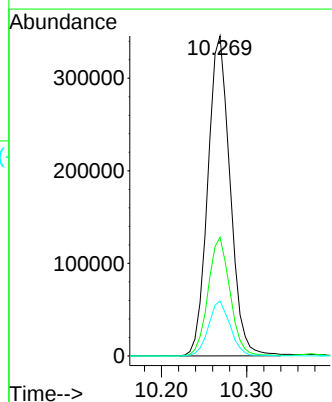
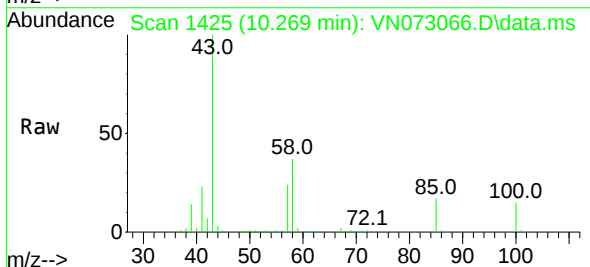
Manual Integrations
APPROVED

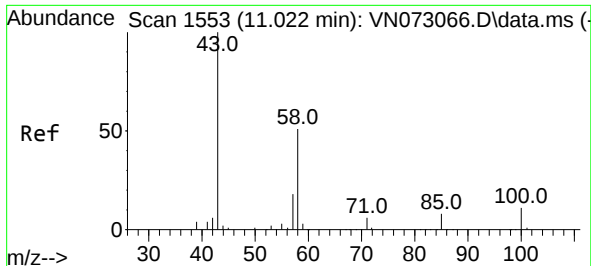
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#58
4-Methyl-2-Pentanone
Concen: 99.229 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

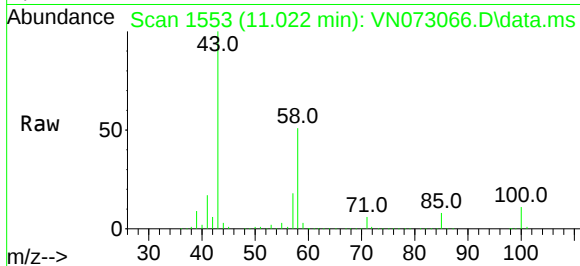
Tgt Ion: 43 Resp: 629017
Ion Ratio Lower Upper
43 100
58 36.6 30.0 45.0
85 16.8 15.0 22.6





#59
2-Hexanone
Concen: 98.792 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

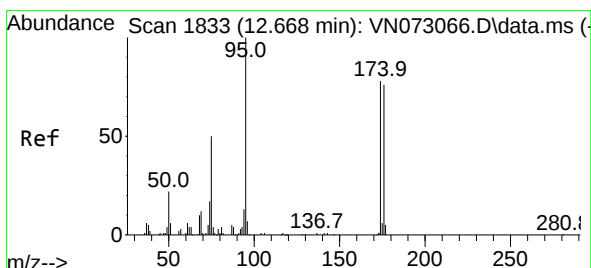
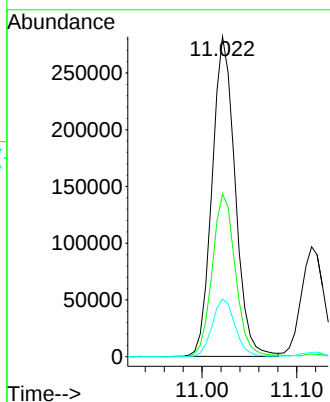
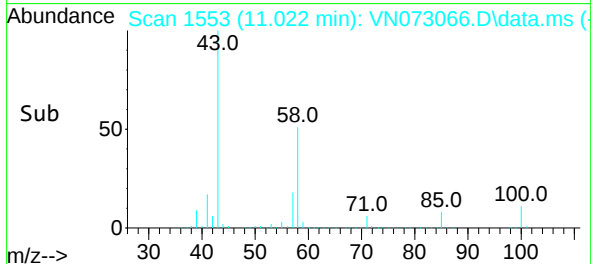
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



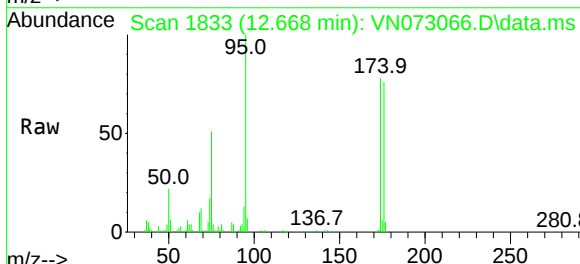
Tgt Ion: 43 Resp: 47627
Ion Ratio Lower Upper
43 100
58 51.3 42.2 63.2
57 17.9 15.0 22.4

Manual Integrations
APPROVED

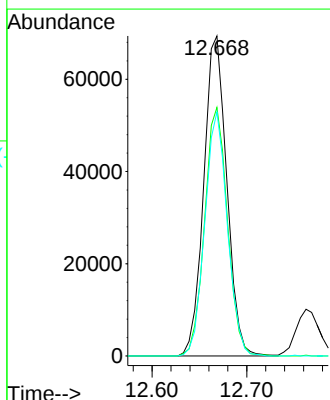
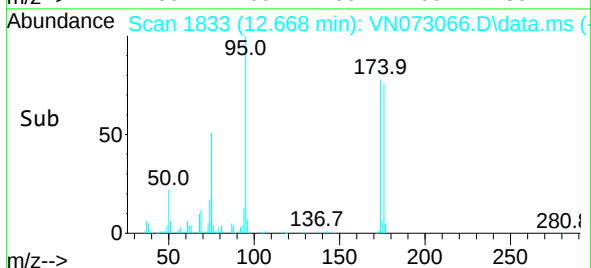
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

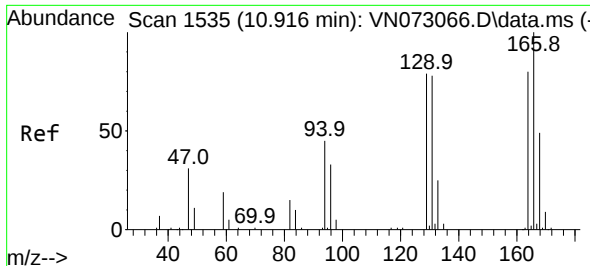


#60
4-Bromofluorobenzene
Concen: 27.283 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



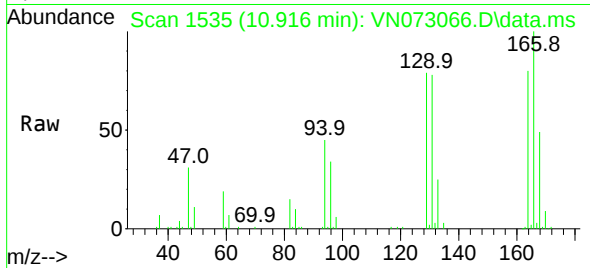
Tgt Ion: 95 Resp: 117241
Ion Ratio Lower Upper
95 100
174 77.0 62.9 94.3
176 74.4 61.0 91.4





#61
Tetrachloroethene
Concen: 20.454 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

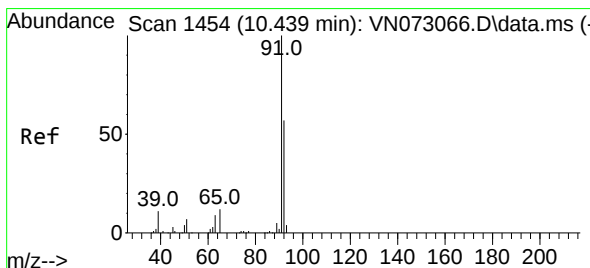
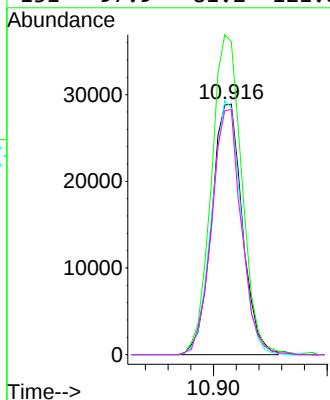
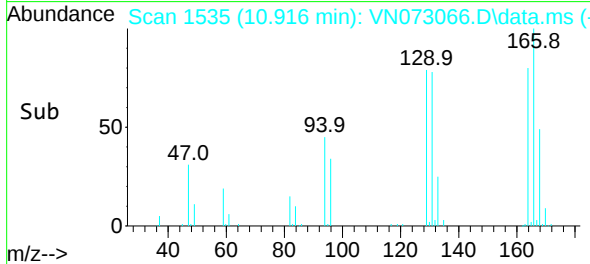
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



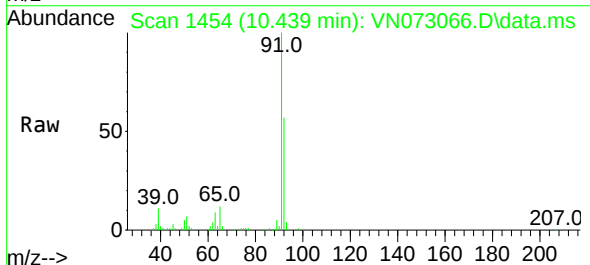
Tgt Ion:164 Resp: 5390
Ion Ratio Lower Upper
164 100
166 125.0 105.8 158.8
129 98.5 82.5 123.7
131 97.9 81.2 121.8

Manual Integrations
APPROVED

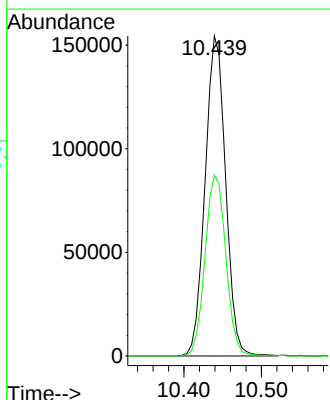
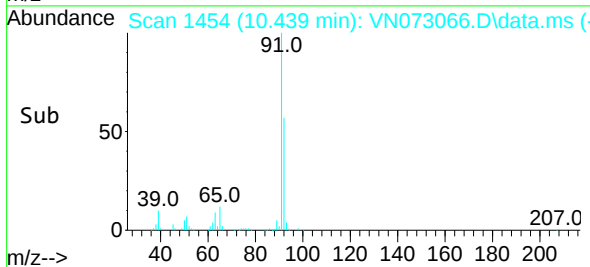
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

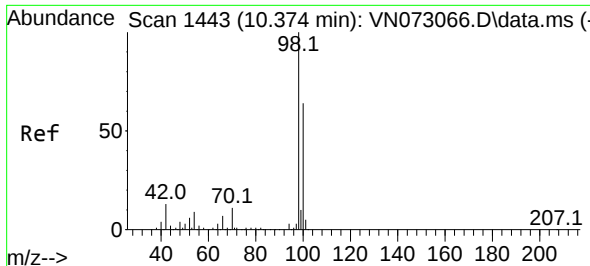


#62
Toluene
Concen: 19.788 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



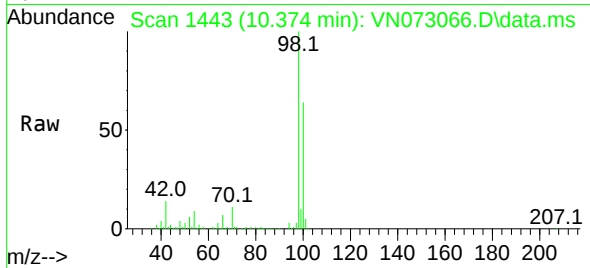
Tgt Ion: 91 Resp: 284410
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





#63
Toluene-d8
Concen: 29.930 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

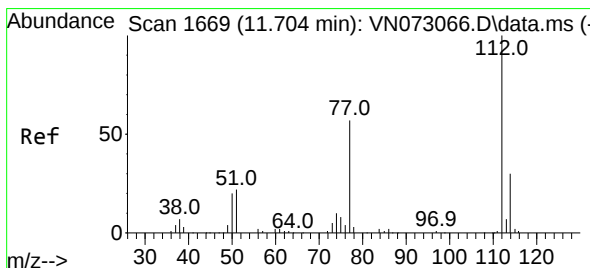
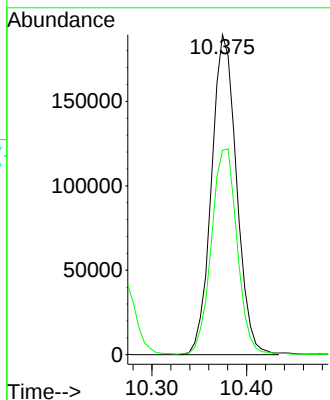
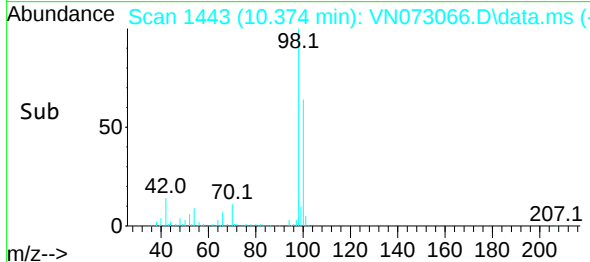
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 34861
Ion Ratio Lower Upper
98 100
100 66.4 50.6 76.0

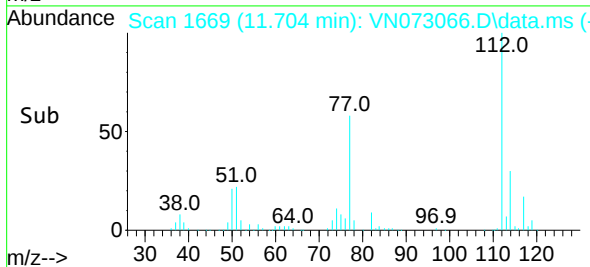
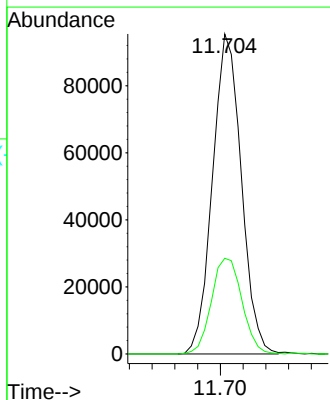
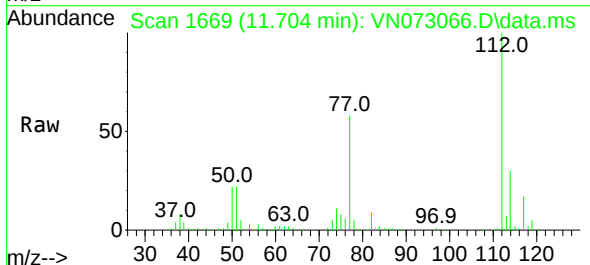
Manual Integrations
APPROVED

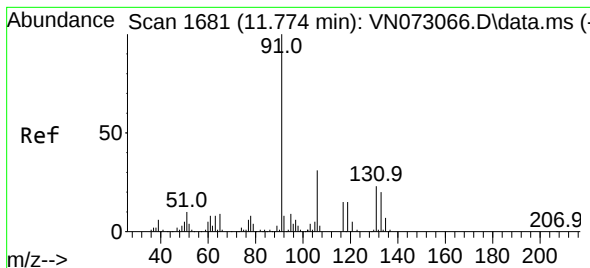
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Chlorobenzene
Concen: 19.230 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

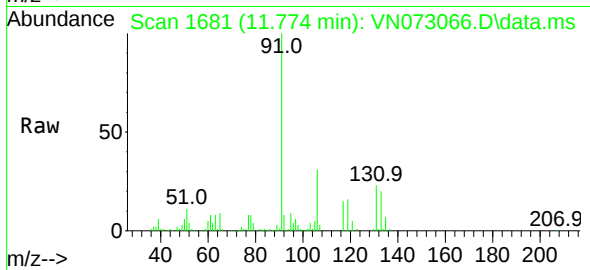
Tgt Ion:112 Resp: 167608
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.693 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

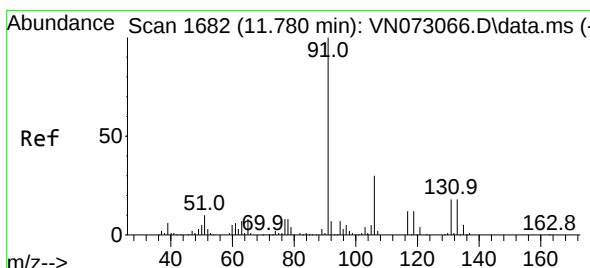
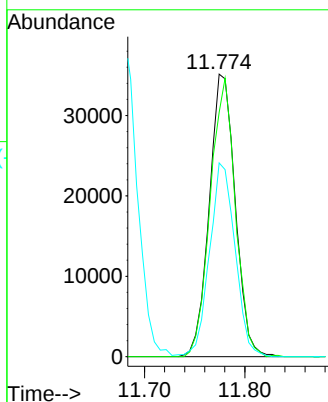
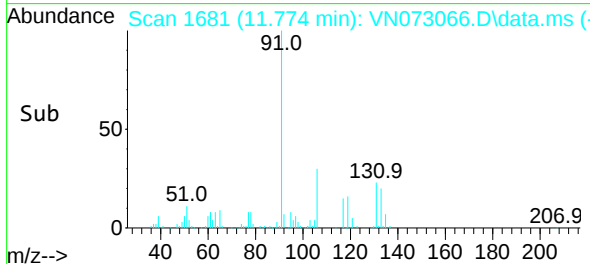
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 63170
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.2
119 67.4 0.0 128.8

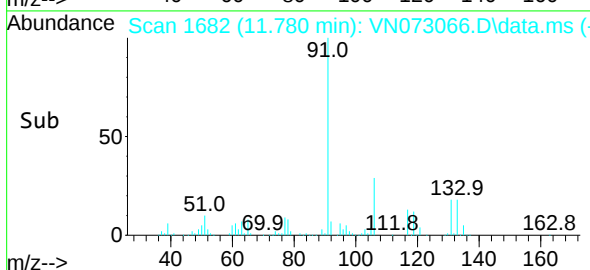
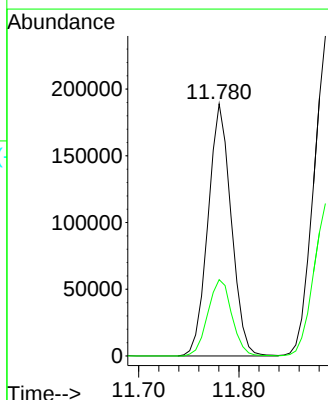
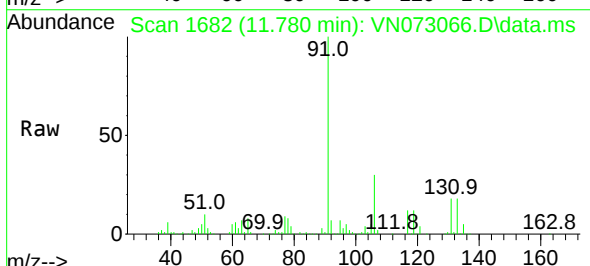
Manual Integrations
APPROVED

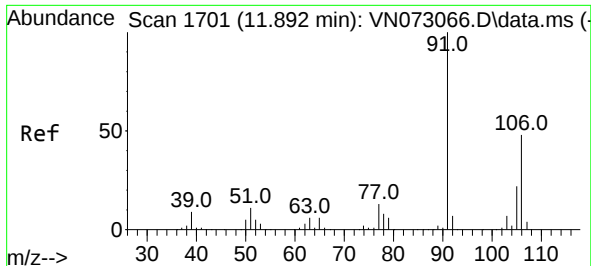
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
Ethyl Benzene
Concen: 18.645 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Tgt Ion: 91 Resp: 303817
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0





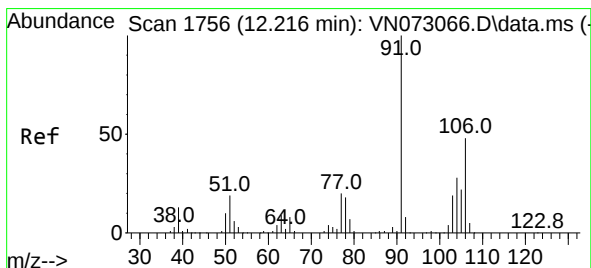
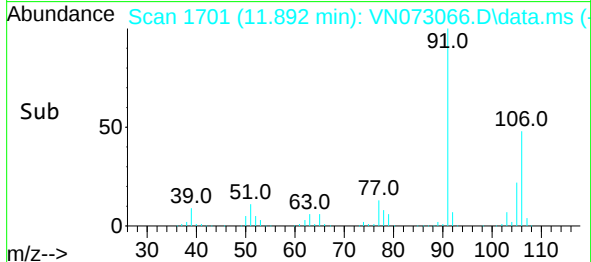
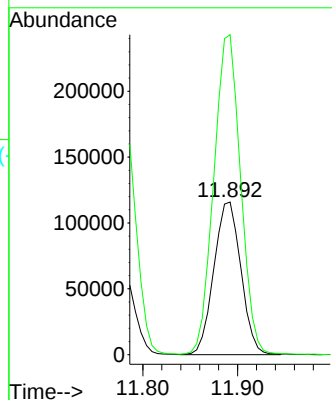
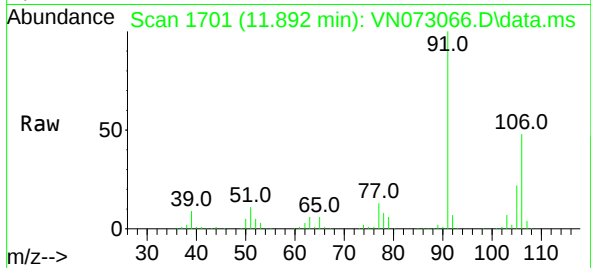
#67
m/p-Xylenes
Concen: 38.357 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 23012
Ion Ratio Lower Upper
106 100
91 207.7 162.9 244.3

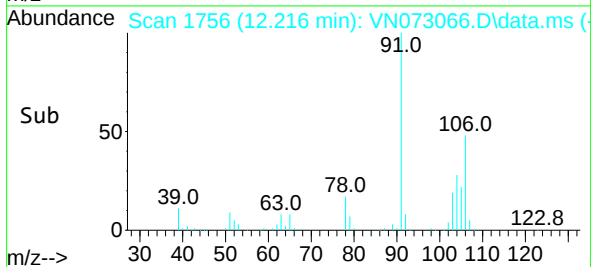
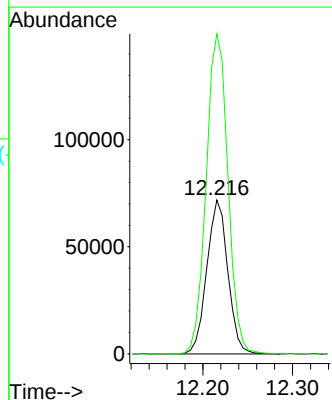
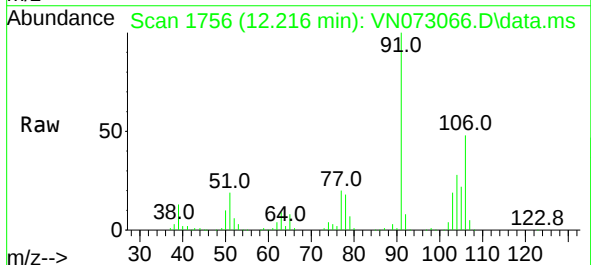
Manual Integrations
APPROVED

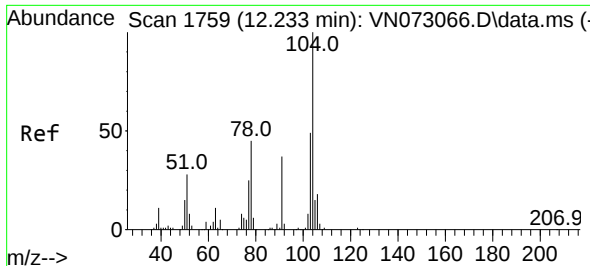
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
o-Xylene
Concen: 19.198 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

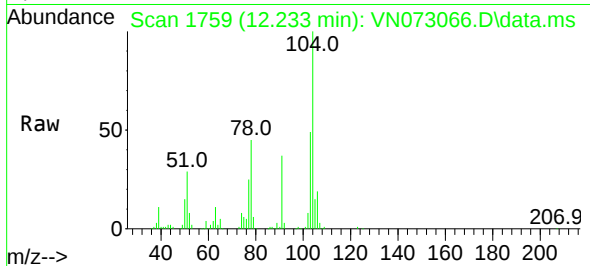
Tgt Ion:106 Resp: 117017
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.1





#69
Styrene
Concen: 18.939 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

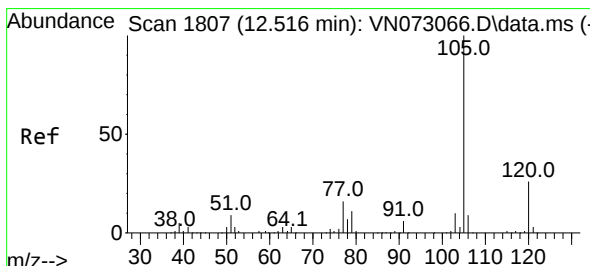
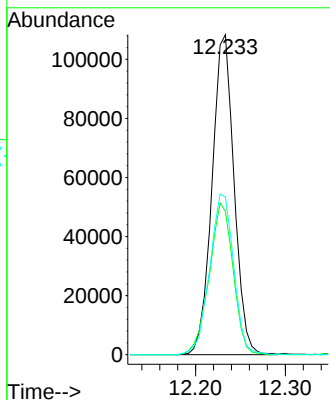
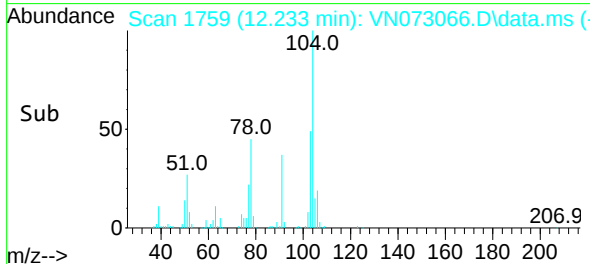
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



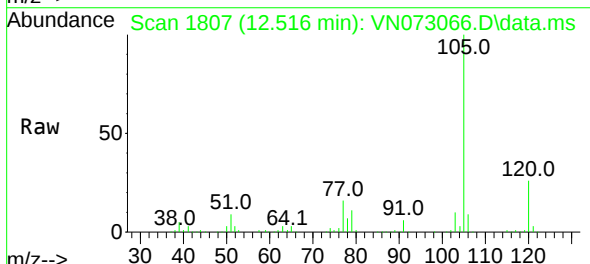
Tgt Ion:104 Resp: 184900
Ion Ratio Lower Upper
104 100
78 51.3 40.7 61.1
103 54.6 45.8 68.8

Manual Integrations
APPROVED

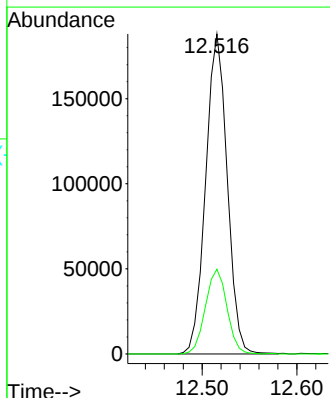
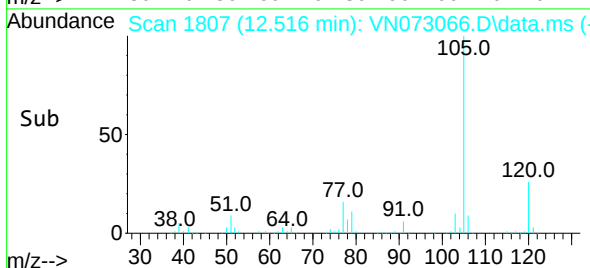
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

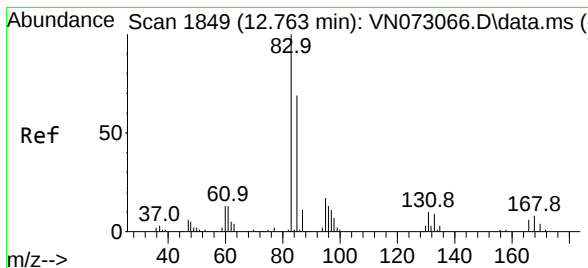


#70
Isopropylbenzene
Concen: 18.677 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



Tgt Ion:105 Resp: 296730
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1





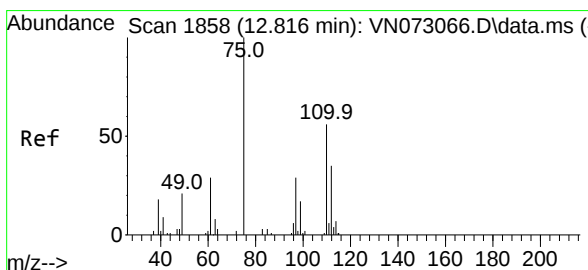
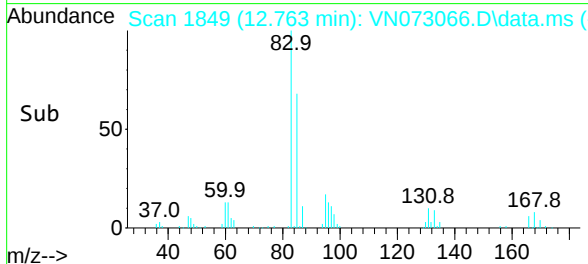
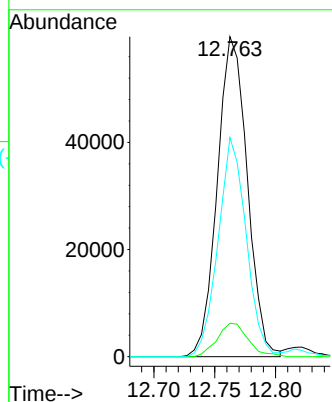
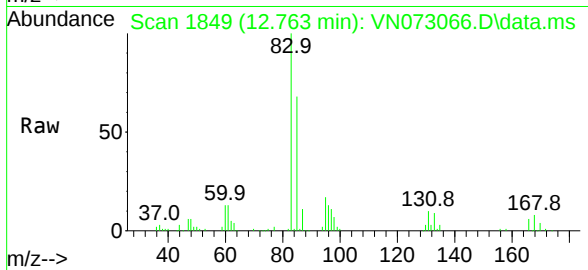
#71
1,1,2,2-Tetrachloroethane
Concen: 19.024 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 102352
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 64.0 33.1 99.2

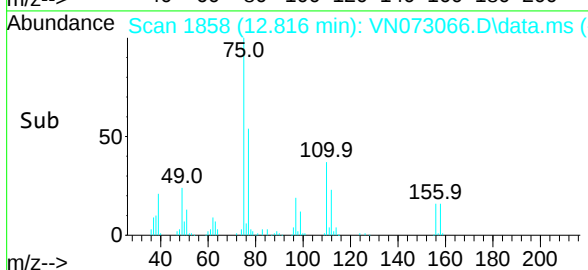
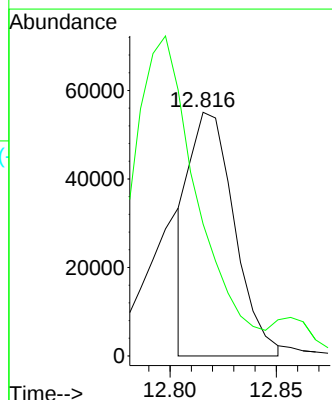
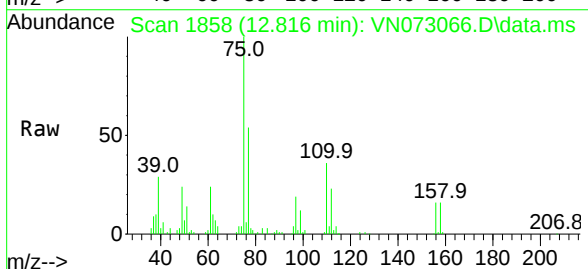
Manual Integrations
APPROVED

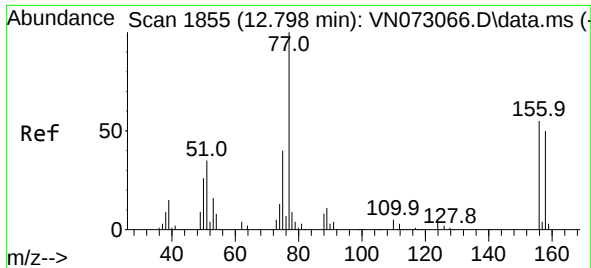
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
1,2,3-Trichloropropane
Concen: 18.043 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

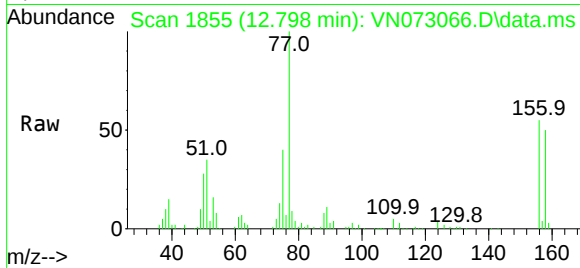
Tgt Ion: 75 Resp: 81411
Ion Ratio Lower Upper
75 100
77 189.2 0.0 378.0





#73
Bromobenzene
Concen: 20.414 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

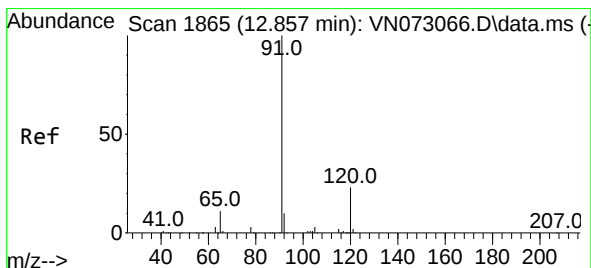
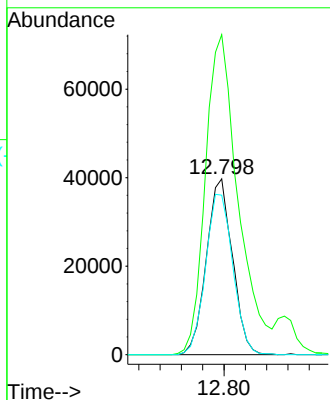
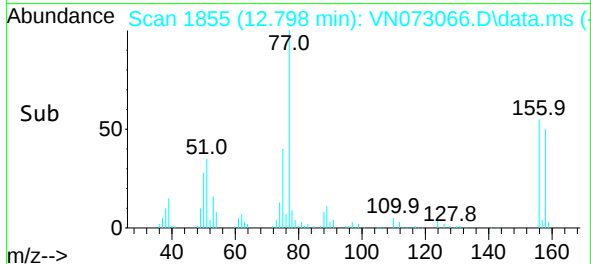
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



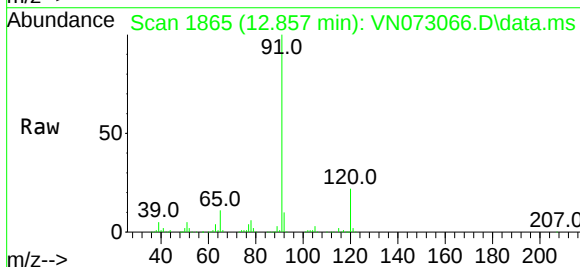
Tgt Ion:156 Resp: 67590
Ion Ratio Lower Upper
156 100
77 227.9 0.0 416.0
158 95.6 0.0 195.4

Manual Integrations
APPROVED

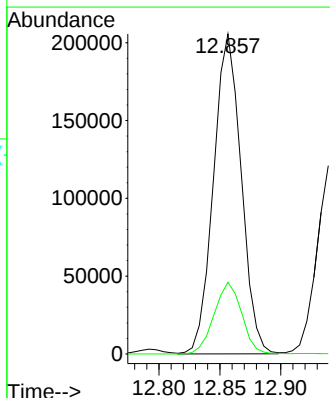
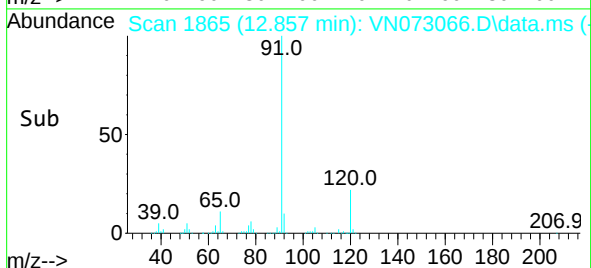
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

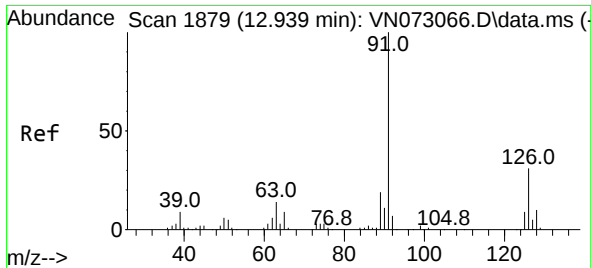


#74
n-propylbenzene
Concen: 17.886 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



Tgt Ion: 91 Resp: 324923
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.0





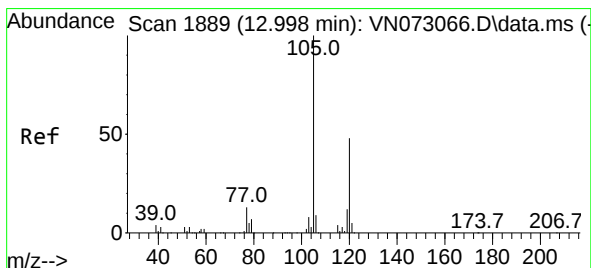
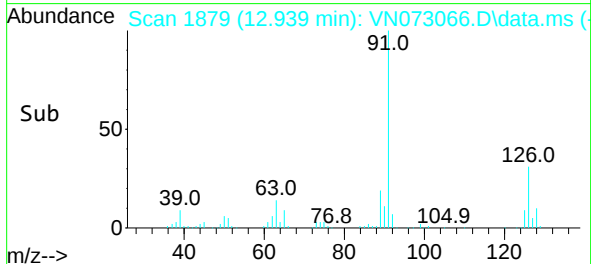
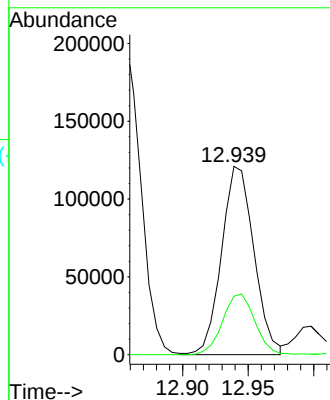
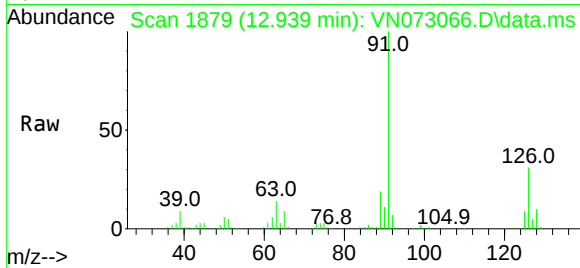
#75
2-Chlorotoluene
Concen: 18.379 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 207820
Ion Ratio Lower Upper
91 100
126 32.1 0.0 69.8

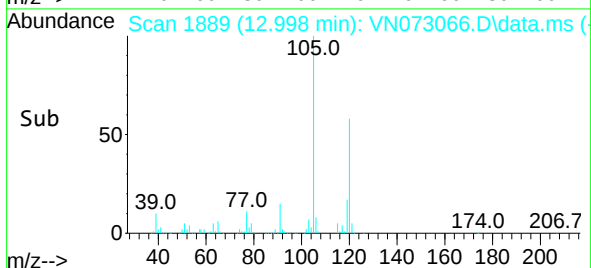
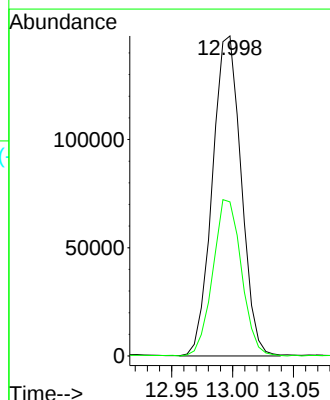
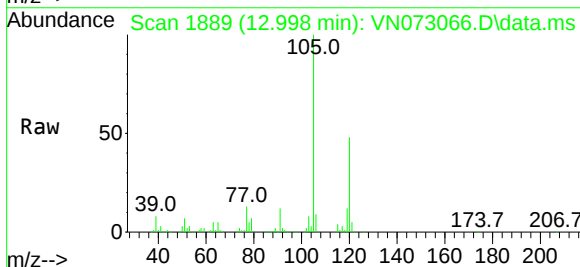
Manual Integrations
APPROVED

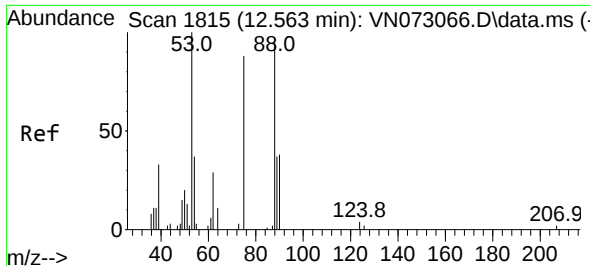
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.600 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

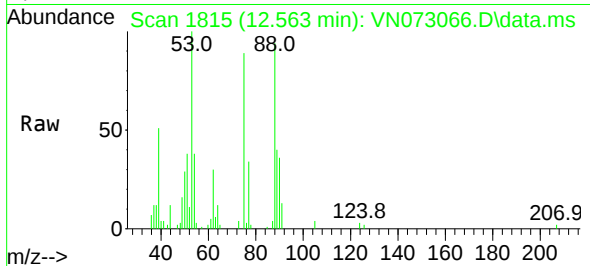
Tgt Ion:105 Resp: 243176
Ion Ratio Lower Upper
105 100
120 48.5 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 12.157 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

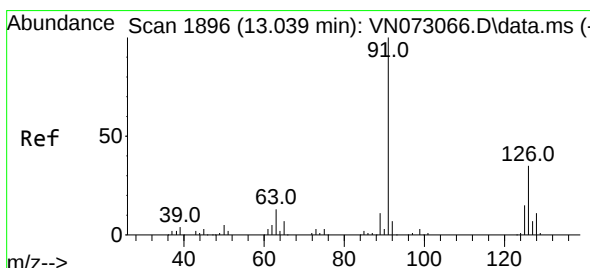
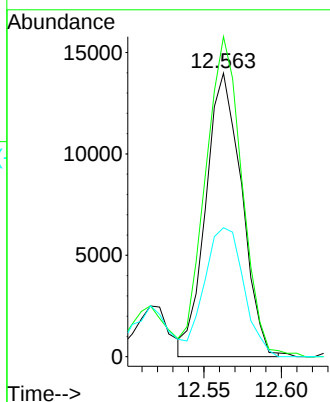
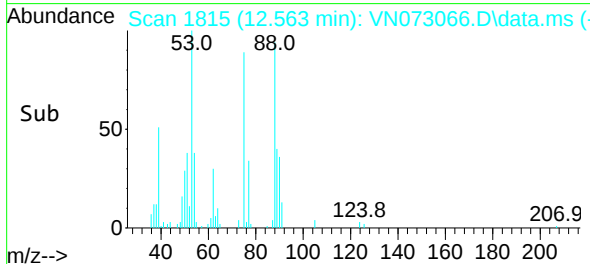
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 22484
Ion Ratio Lower Upper
75 100
53 112.2 51.8 155.5
89 46.1 22.9 68.7

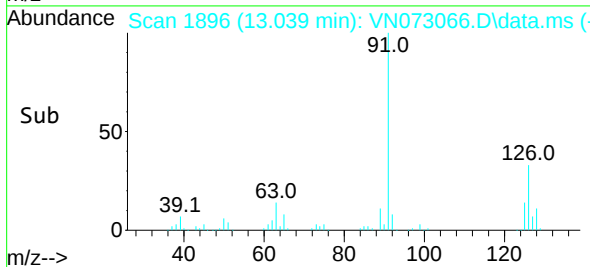
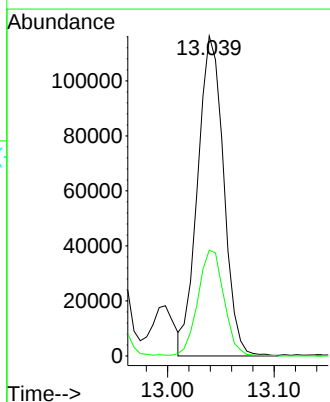
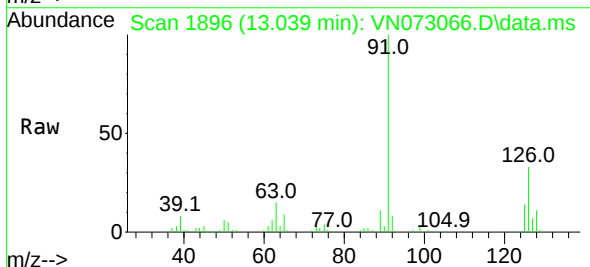
Manual Integrations
APPROVED

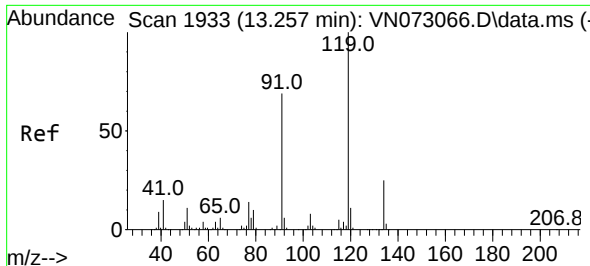
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78
4-Chlorotoluene
Concen: 18.443 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

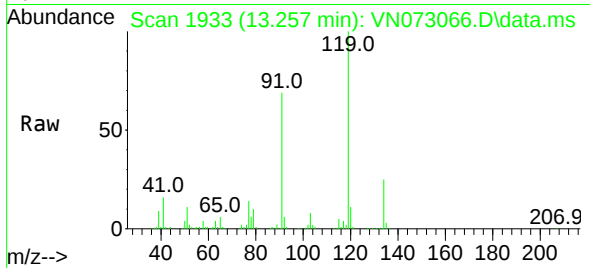
Tgt Ion: 91 Resp: 197237
Ion Ratio Lower Upper
91 100
126 33.2 0.0 70.6





#79
tert-butylbenzene
Concen: 18.529 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

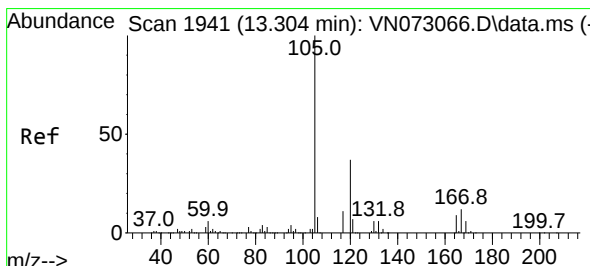
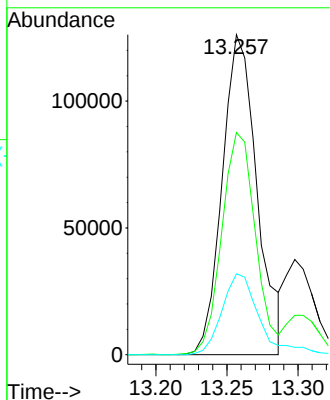
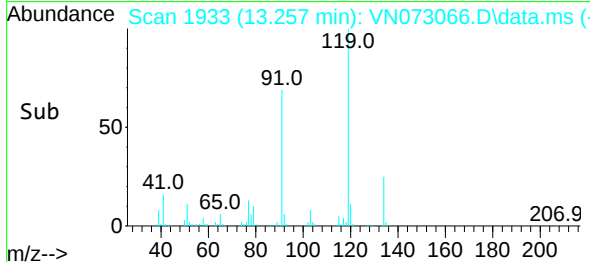
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



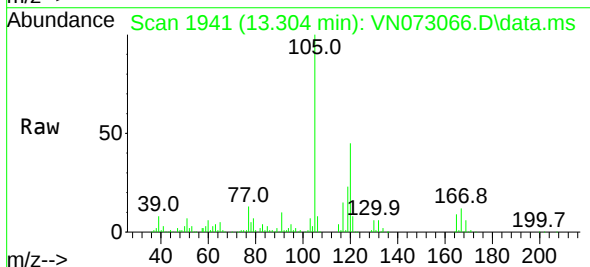
Tgt Ion:119 Resp: 215569
Ion Ratio Lower Upper
119 100
91 67.2 0.0 137.0
134 27.1 0.0 47.6

Manual Integrations
APPROVED

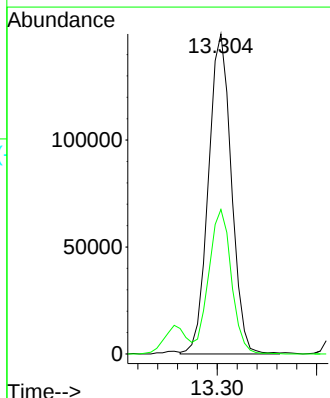
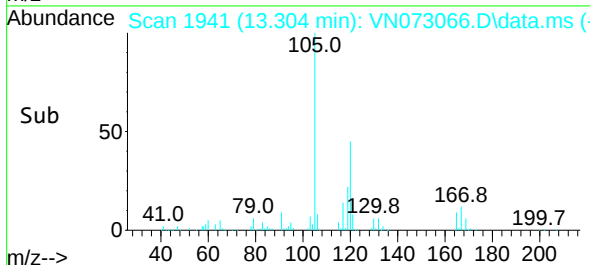
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

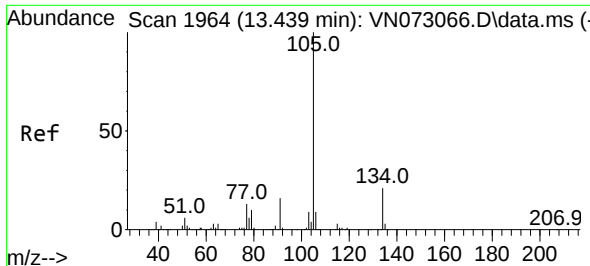


#80
1,2,4-Trimethylbenzene
Concen: 15.703 ug/l m
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



Tgt Ion:105 Resp: 240203
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





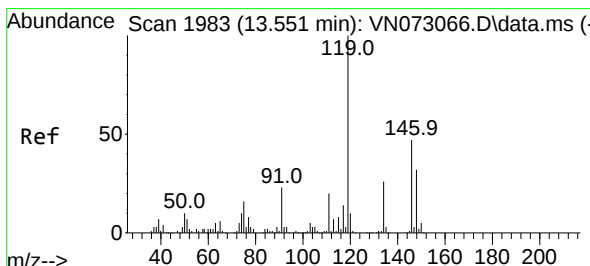
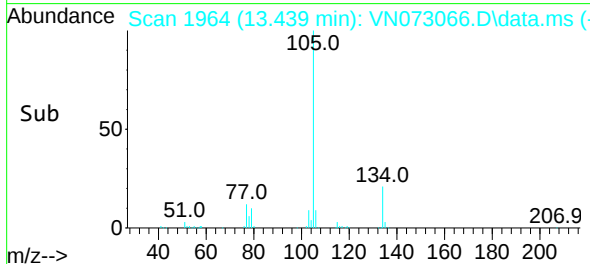
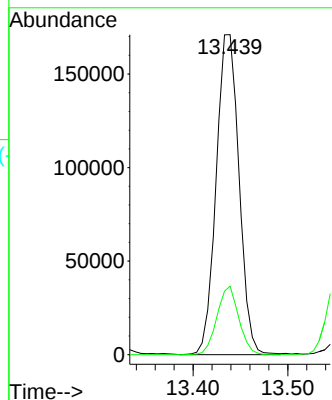
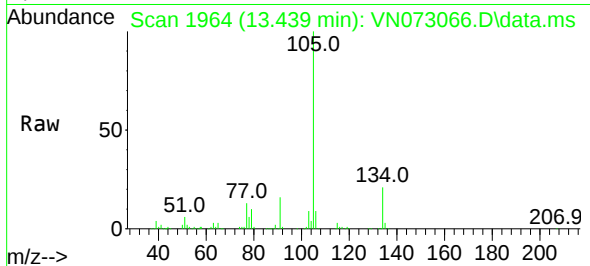
#81
 sec-Butylbenzene
 Concen: 18.216 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 28734
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.4

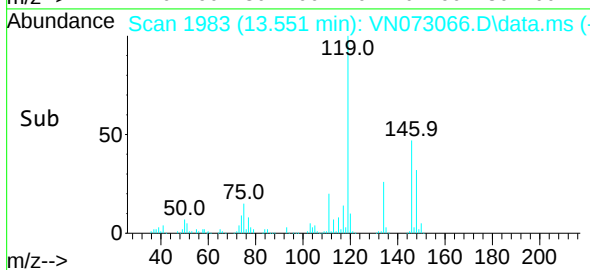
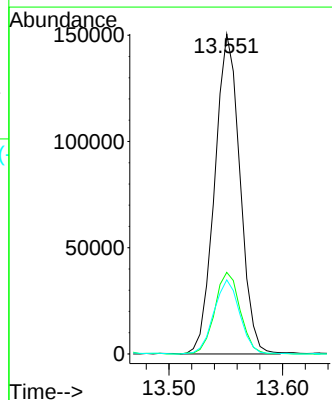
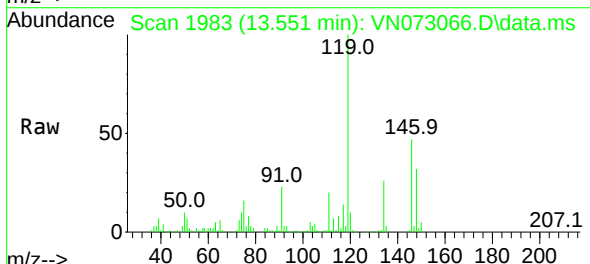
Manual Integrations
 APPROVED

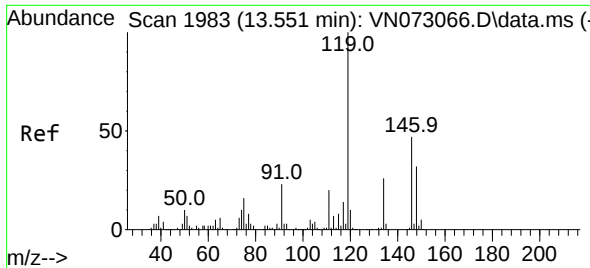
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#82
 p-Isopropyltoluene
 Concen: 18.371 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073066.D
 Acq: 23 Jun 2022 23:58

Tgt Ion:119 Resp: 233055
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.8
 91 23.7 0.0 50.4





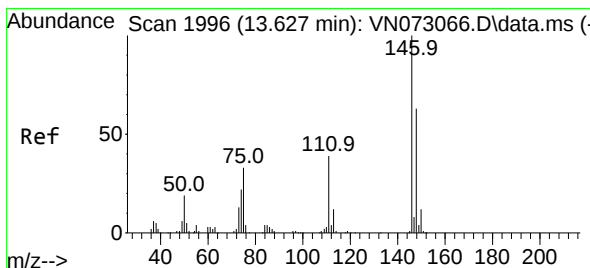
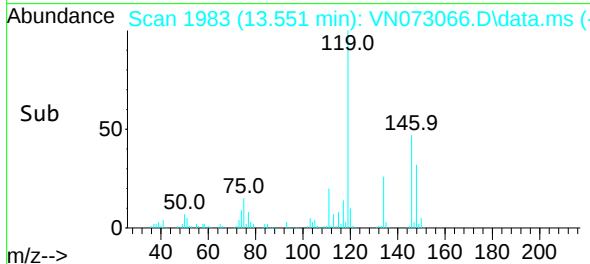
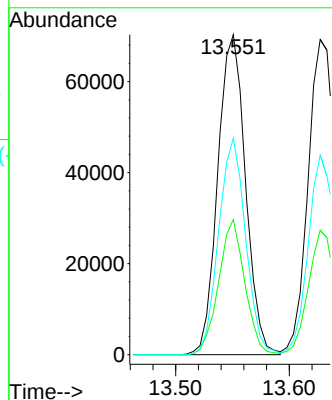
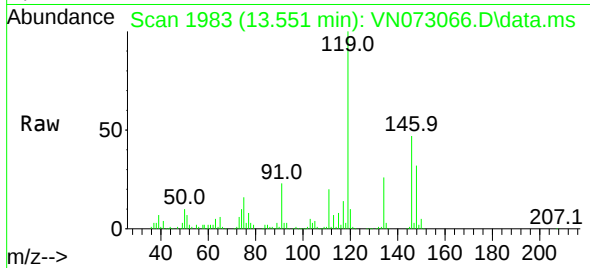
#83
1,3-Dichlorobenzene
Concen: 20.351 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 11934
Ion Ratio Lower Upper
146 100
111 40.0 20.8 62.2
148 65.9 31.4 94.3

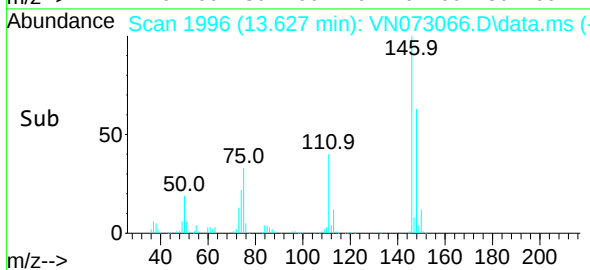
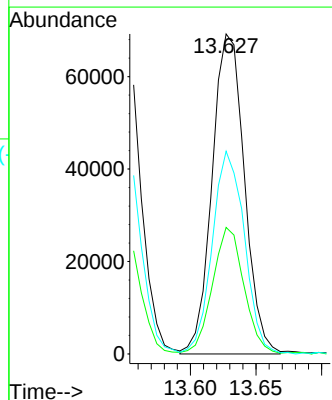
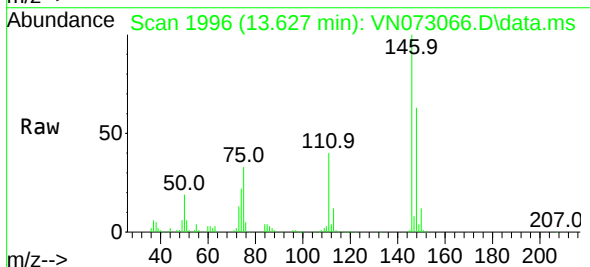
Manual Integrations
APPROVED

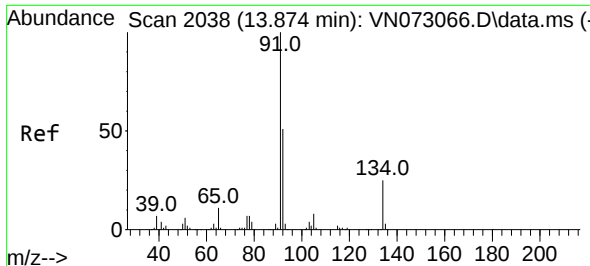
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#84
1,4-Dichlorobenzene
Concen: 20.772 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Tgt Ion:146 Resp: 118598
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.1 31.1 93.5





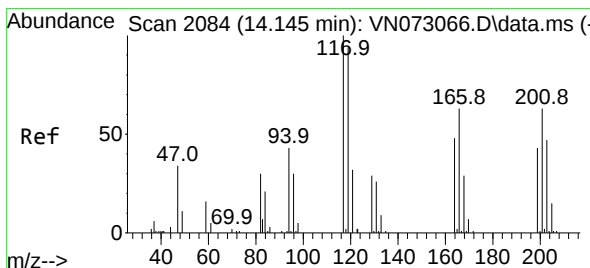
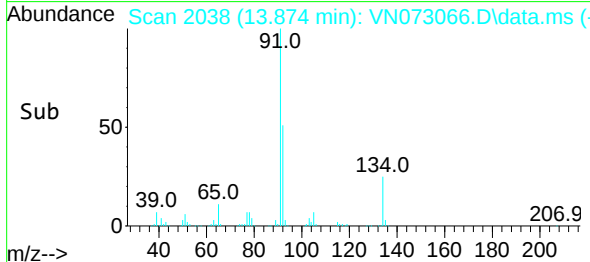
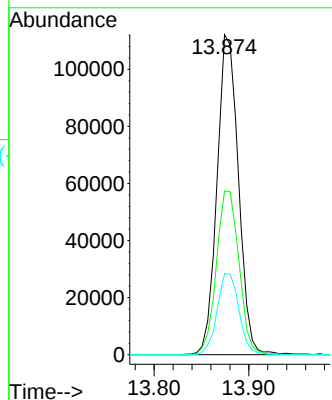
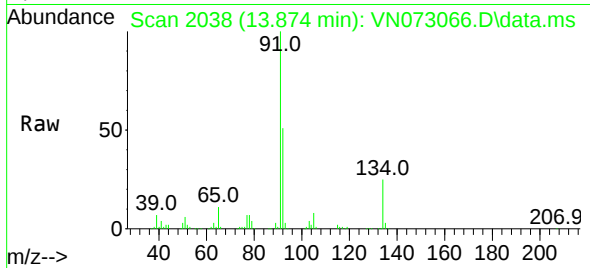
#85
n-Butylbenzene
Concen: 16.648 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 17635
Ion Ratio Lower Upper
91 100
92 54.0 0.0 100.6
134 25.9 0.0 50.2

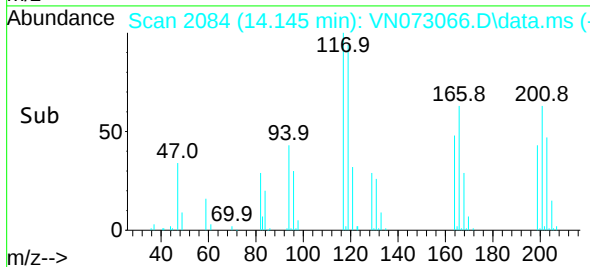
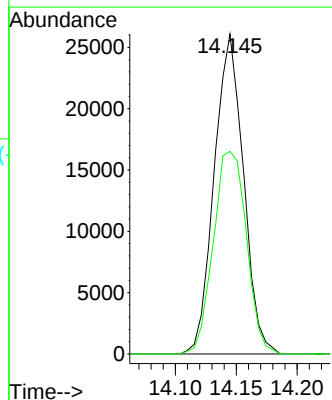
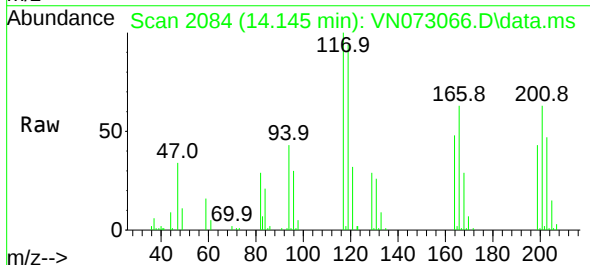
Manual Integrations
APPROVED

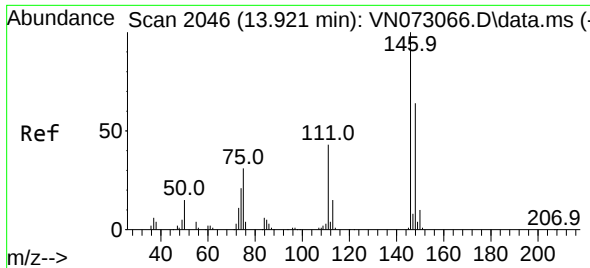
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#86
Hexachloroethane
Concen: 16.112 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

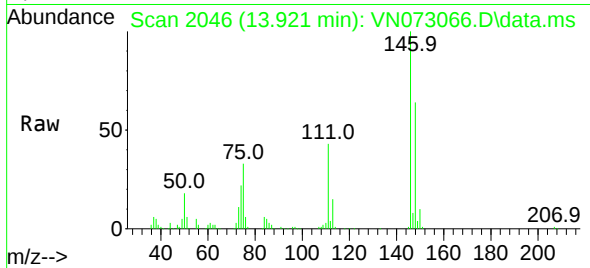
Tgt Ion:117 Resp: 43541
Ion Ratio Lower Upper
117 100
201 71.7 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.338 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

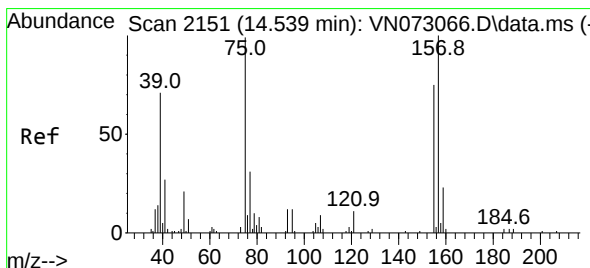
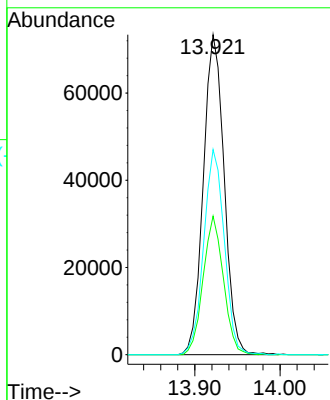
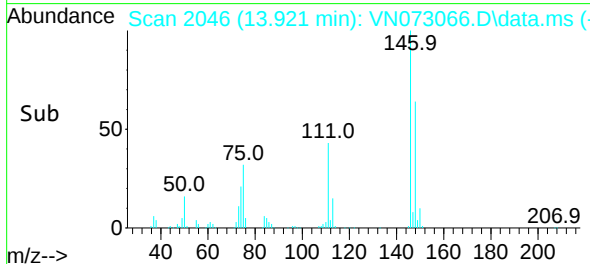
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



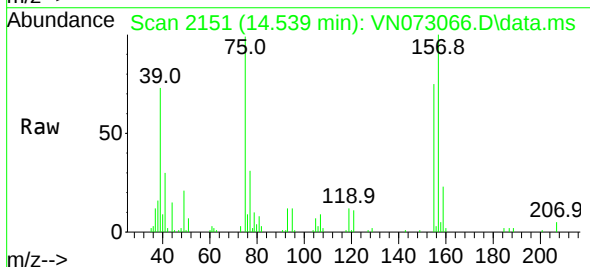
Tgt Ion:146 Resp: 12483
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 63.3 32.5 97.4

Manual Integrations
APPROVED

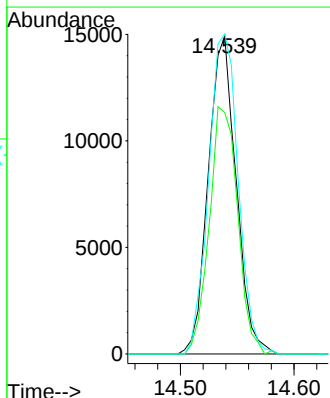
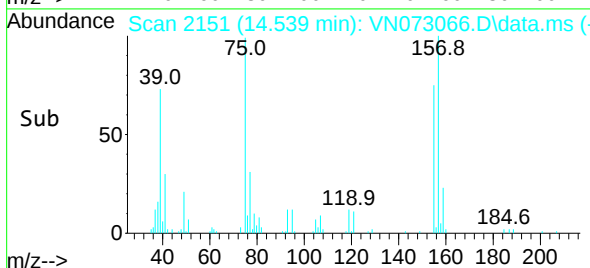
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

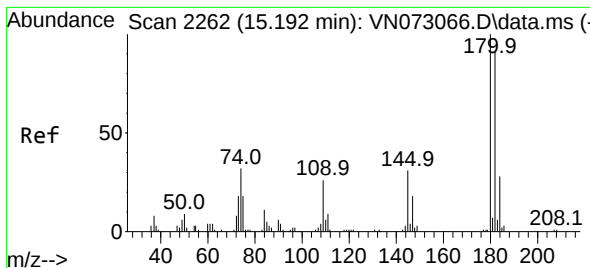


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.799 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



Tgt Ion: 75 Resp: 25452
Ion Ratio Lower Upper
75 100
155 78.9 63.8 95.8
157 106.6 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 20.793 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

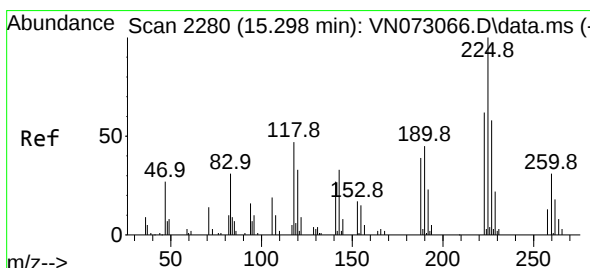
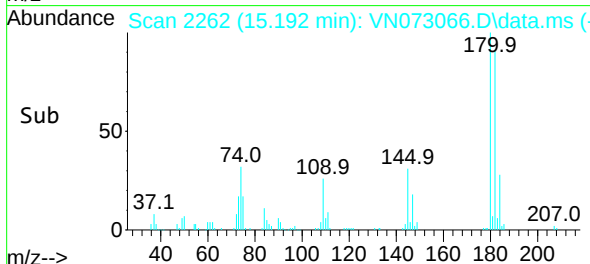
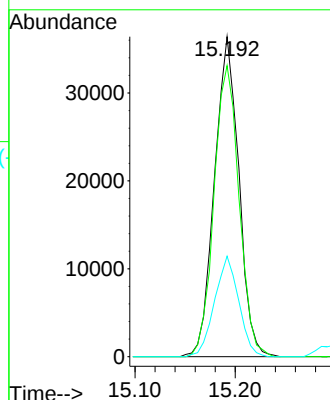
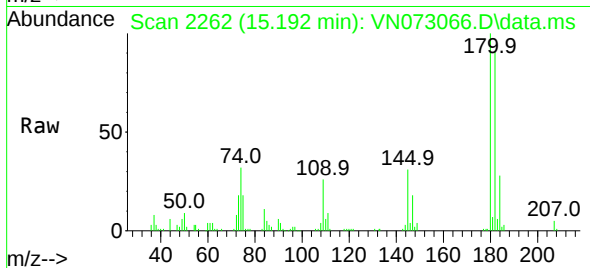
Tgt Ion:	180	Resp:	6145
Ion Ratio	Lower	Upper	
180	100		
182	93.5	77.7	116.5
145	31.1	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#90

Hexachlorobutadiene

Concen: 19.701 ug/l

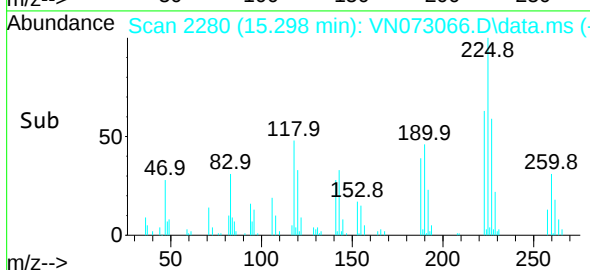
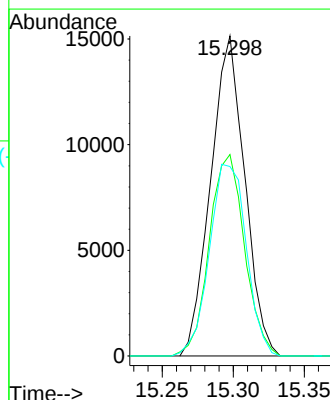
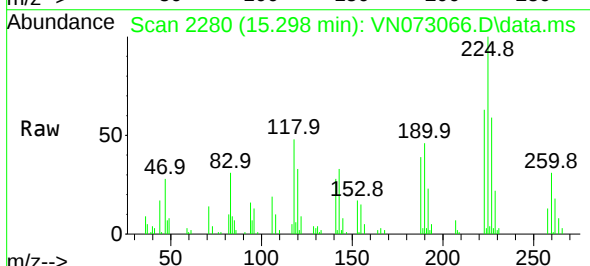
RT: 15.298 min Scan# 2280

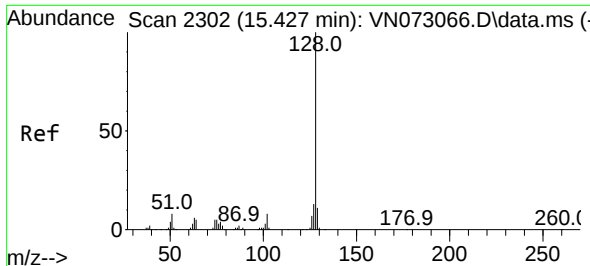
Delta R.T. 0.000 min

Lab File: VN073066.D

Acq: 23 Jun 2022 23:58

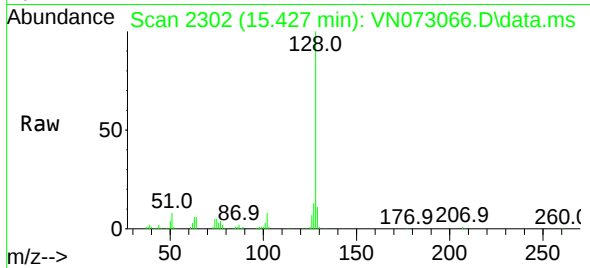
Tgt Ion:	225	Resp:	25296
Ion Ratio	Lower	Upper	
225	100		
223	65.1	0.0	126.8
227	64.9	0.0	123.0





#91
Naphthalene
Concen: 21.013 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58

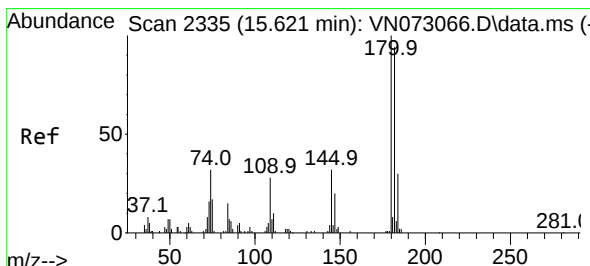
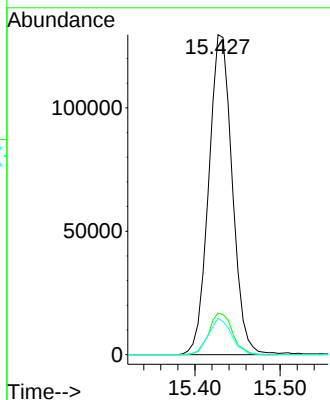
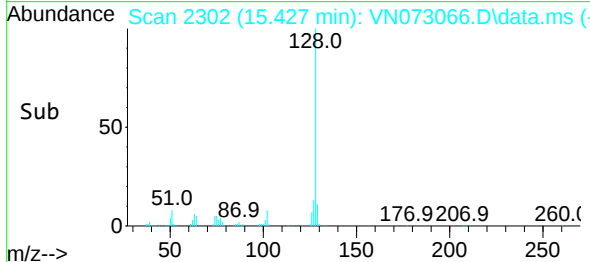
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



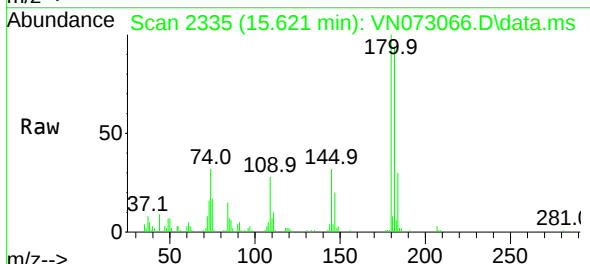
Tgt Ion:128 Resp: 24866
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 21.046 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073066.D
Acq: 23 Jun 2022 23:58



Tgt Ion:180 Resp: 63640
Ion Ratio Lower Upper
180 100
182 93.1 0.0 190.0
145 32.8 0.0 67.8

