

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070728.D
 Acq On : 21 Jan 2022 12:49
 Operator : JC/MD
 Sample : VN0121WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 05:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	750318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1206624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1104511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	465177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	508364	47.275	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.560%		
35) Dibromofluoromethane	8.018	113	363375	48.549	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.100%		
50) Toluene-d8	10.438	98	1490650	47.275	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.560%		
62) 4-Bromofluorobenzene	12.728	95	523853	46.623	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	157758	18.195	ug/l	99
3) Chloromethane	2.303	50	213310	16.831	ug/l	97
4) Vinyl Chloride	2.451	62	215500	17.878	ug/l	97
5) Bromomethane	2.866	94	140235	22.338	ug/l	99
6) Chloroethane	3.030	64	137626	18.296	ug/l	98
7) Trichlorofluoromethane	3.384	101	297020	21.570	ug/l	99
8) Diethyl Ether	3.827	74	105367	17.517	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.215	101	150839	18.124	ug/l	93
10) Methyl Iodide	4.425	142	188986	17.610	ug/l	99
11) Tert butyl alcohol	5.366	59	142489	73.447	ug/l #	88
12) 1,1-Dichloroethene	4.186	96	142264	17.139	ug/l	90
13) Acrolein	4.041	56	302097	108.576	ug/l	99
14) Allyl chloride	4.843	41	323278	17.875	ug/l	86
15) Acrylonitrile	5.551	53	506662	82.096	ug/l	99
16) Acetone	4.282	43	587866	78.765	ug/l	98
17) Carbon Disulfide	4.535	76	396530	17.589	ug/l	100
18) Methyl Acetate	4.854	43	239391	16.309	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	556097	18.753	ug/l	94
20) Methylene Chloride	5.098	84	172839	17.581	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	154212	18.459	ug/l #	83
22) Diisopropyl ether	6.495	45	679406	18.953	ug/l #	93
23) Vinyl Acetate	6.431	43	2796813	92.038	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	333300	18.587	ug/l	98
25) 2-Butanone	7.332	43	752210	80.093	ug/l	92
26) 2,2-Dichloropropane	7.324	77	263997	19.202	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	180322	18.170	ug/l	84
28) Bromochloromethane	7.656	49	141314	17.553	ug/l #	76
29) Tetrahydrofuran	7.683	42	469626	81.666	ug/l	88
30) Chloroform	7.815	83	327468	18.381	ug/l	99
31) Cyclohexane	8.091	56	344481	18.192	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	272651	19.589	ug/l	97
36) 1,1-Dichloropropene	8.220	75	242770	19.267	ug/l	96
37) Ethyl Acetate	7.410	43	285951	17.094	ug/l	97
38) Carbon Tetrachloride	8.204	117	225011	20.073	ug/l	99
39) Methylcyclohexane	9.459	83	295706	19.010	ug/l	88
40) Benzene	8.458	78	741244	18.985	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	143476	16.858	ug/l	92
42) 1,2-Dichloroethane	8.528	62	267196	19.737	ug/l	99
43) Isopropyl Acetate	8.558	43	449991	17.611	ug/l	97
44) Trichloroethene	9.215	130	169445	19.144	ug/l	90
45) 1,2-Dichloropropane	9.488	63	203595	19.166	ug/l	97
46) Dibromomethane	9.574	93	119391	19.329	ug/l	94
47) Bromodichloromethane	9.759	83	242724	19.224	ug/l	99
48) Methyl methacrylate	9.558	41	221757	18.218	ug/l #	78
49) 1,4-Dioxane	9.569	88	57522	314.598	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	1412124	86.612	ug/l	98
52) Toluene	10.502	92	458514	19.633	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	262922	18.750	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	291727	19.266	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	168597	18.376	ug/l	95
56) Ethyl methacrylate	10.759	69	282814	17.764	ug/l	90
57) 1,3-Dichloropropane	11.041	76	308128	18.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	249754	72.867	ug/l	90
59) 2-Hexanone	11.081	43	1011701	85.418	ug/l	96
60) Dibromochloromethane	11.234	129	167281	19.547	ug/l	99
61) 1,2-Dibromoethane	11.344	107	168985	18.345	ug/l	100
64) Tetrachloroethene	10.974	164	159030	19.637	ug/l	96
65) Chlorobenzene	11.768	112	458295	19.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.838	131	163100	19.792	ug/l	99
67) Ethyl Benzene	11.840	91	867653	19.556	ug/l	95
68) m/p-Xylenes	11.950	106	634340	39.301	ug/l	90
69) o-Xylene	12.277	106	309663	19.333	ug/l	89
70) Styrene	12.291	104	499286	19.485	ug/l	95
71) Bromoform	12.454	173	118150	18.981	ug/l #	99
73) Isopropylbenzene	12.575	105	824273	18.730	ug/l	98
74) N-amyl acetate	12.385	43	294918	16.390	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	257476	17.324	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	255272m	20.690	ug/l	
77) Bromobenzene	12.857	156	182903	18.537	ug/l	77
78) n-propylbenzene	12.918	91	937724	19.053	ug/l	96
79) 2-Chlorotoluene	13.004	91	576753	18.525	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	685114	19.251	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	68793	16.611	ug/l	97
82) 4-Chlorotoluene	13.103	91	554556	19.064	ug/l	91
83) tert-Butylbenzene	13.321	119	586658	18.937	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	665431	19.452	ug/l	97
85) sec-Butylbenzene	13.498	105	804292	19.097	ug/l	97
86) p-Isopropyltoluene	13.613	119	650220	19.653	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	313532	19.102	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	303676	18.591	ug/l	95
89) n-Butylbenzene	13.940	91	517722	18.969	ug/l	98
90) Hexachloroethane	14.208	117	109965	19.014	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	300129	18.508	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	39669	15.735	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	129127	17.421	ug/l	98
94) Hexachlorobutadiene	15.364	225	99117	20.637	ug/l	99
95) Naphthalene	15.504	128	279619	15.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	120829	16.978	ug/l	99

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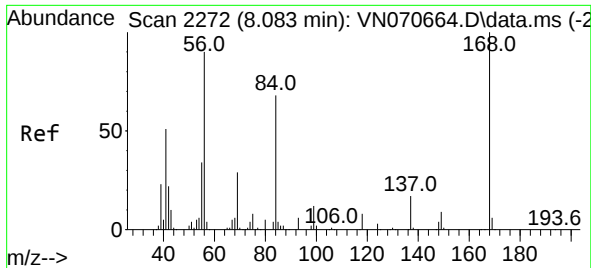
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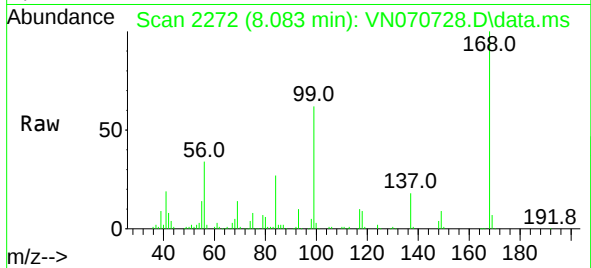
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.000 min
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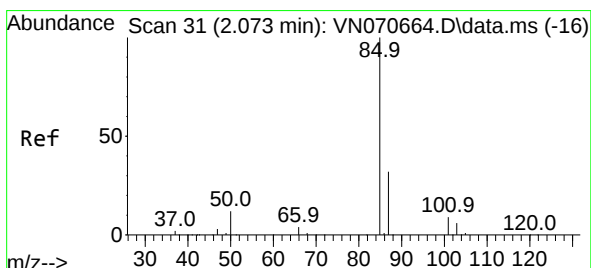
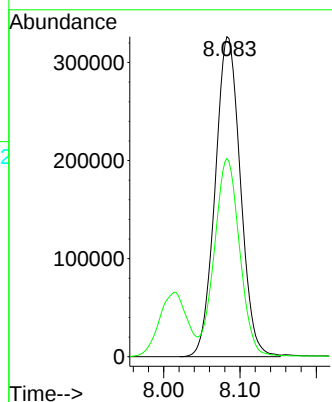
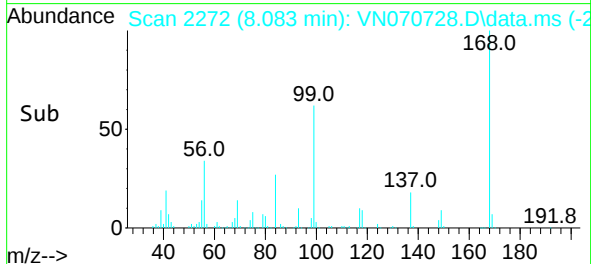
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion:168 Resp: 750318
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9

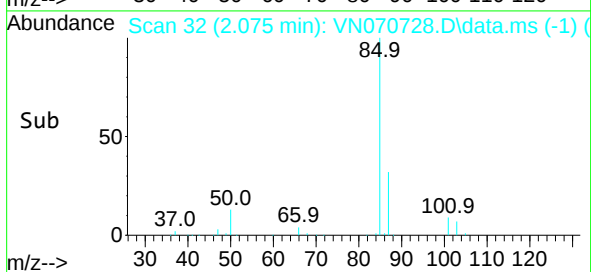
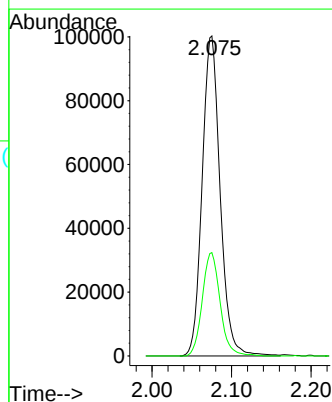
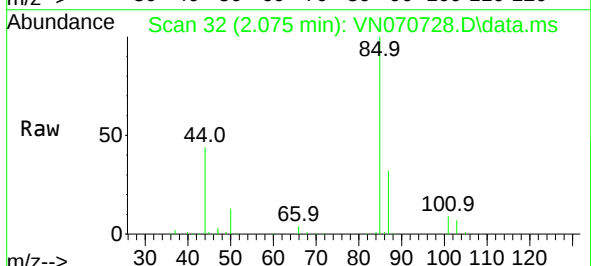
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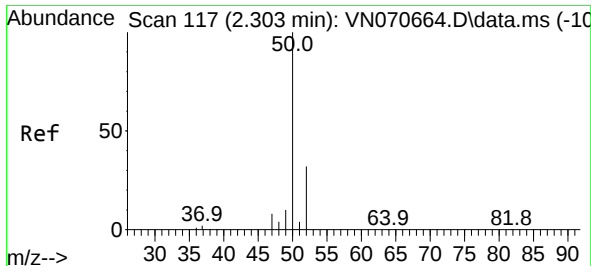
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#2
Dichlorodifluoromethane
Concen: 18.195 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

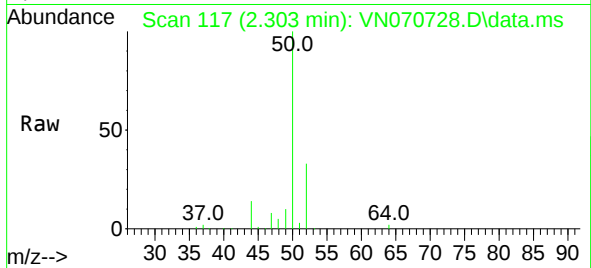
Tgt Ion: 85 Resp: 157758
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 16.831 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

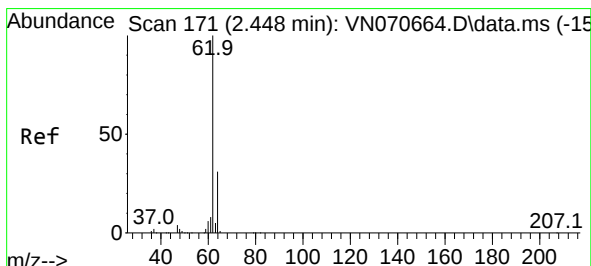
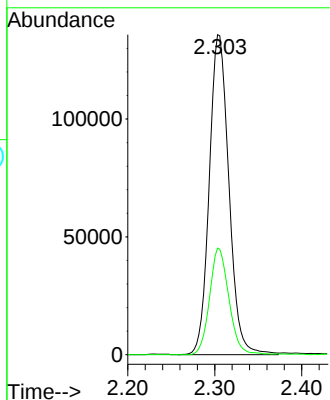
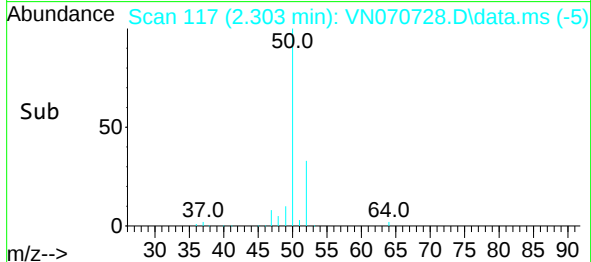
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ClientSampleId :
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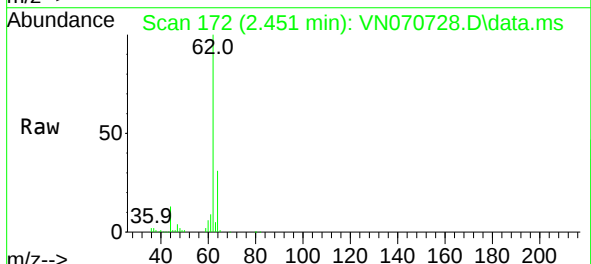
Tgt Ion: 50 Resp: 213310
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0

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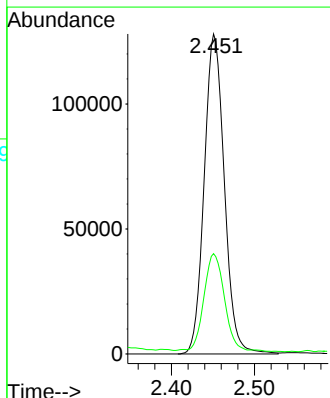
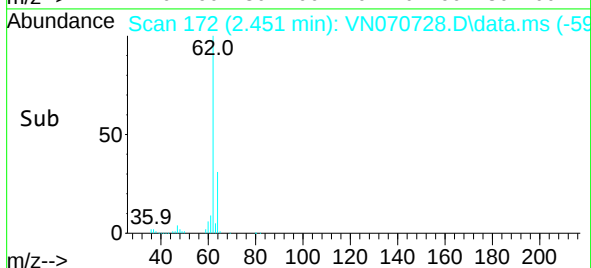
Reviewed By :John Carlone 01/24/2022
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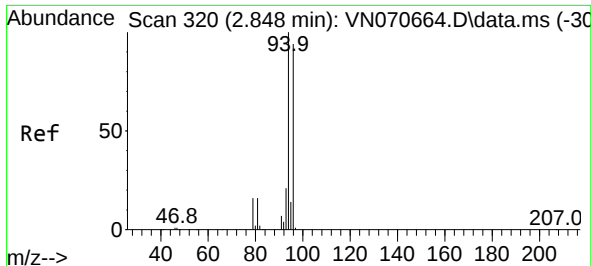


#4
Vinyl Chloride
Concen: 17.878 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



Tgt Ion: 62 Resp: 215500
Ion Ratio Lower Upper
62 100
64 30.5 25.8 38.6





#5

Bromomethane

Concen: 22.338 ug/l

RT: 2.866 min Scan# 31

Delta R.T. 0.018 min

Lab File: VN070728.D

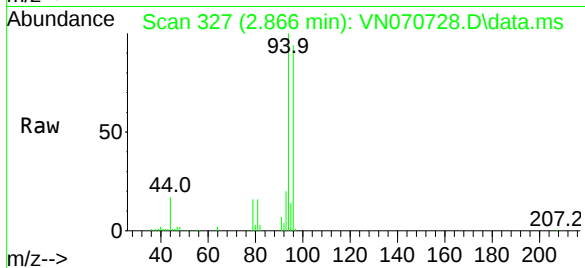
Acq: 21 Jan 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01



Tgt Ion: 94 Resp: 14023

Ion Ratio Lower Upper

94 100

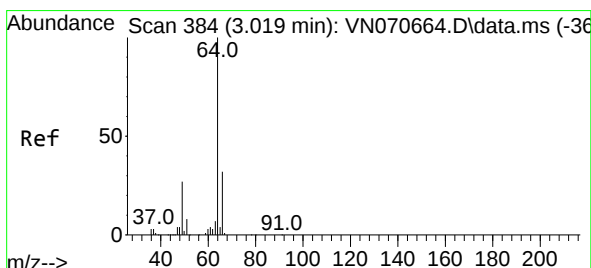
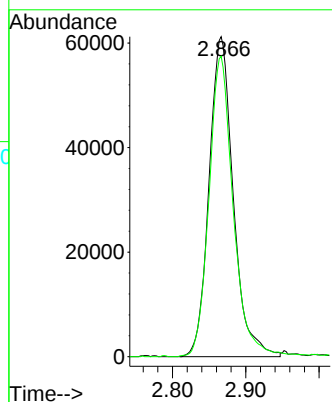
96 93.6 73.8 110.8

Manual Integrations

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#6

Chloroethane

Concen: 18.296 ug/l

RT: 3.030 min Scan# 388

Delta R.T. 0.011 min

Lab File: VN070728.D

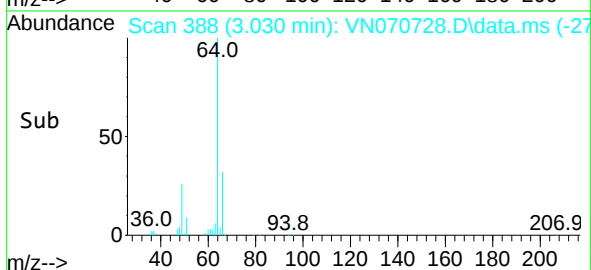
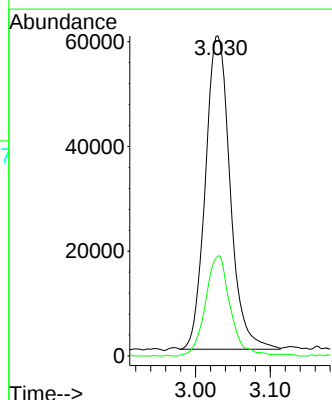
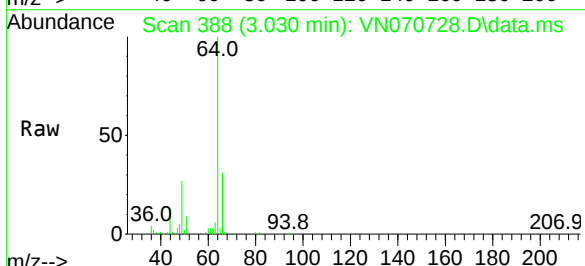
Acq: 21 Jan 2022 12:49

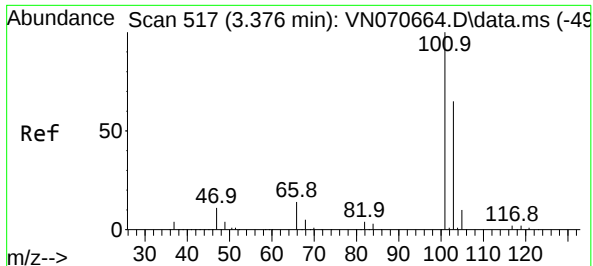
Tgt Ion: 64 Resp: 137626

Ion Ratio Lower Upper

64 100

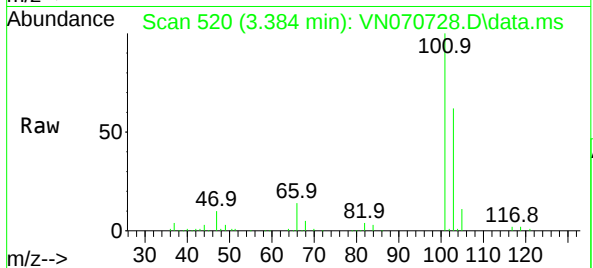
66 31.7 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 21.570 ug/l
 RT: 3.384 min Scan# 517
 Delta R.T. 0.008 min
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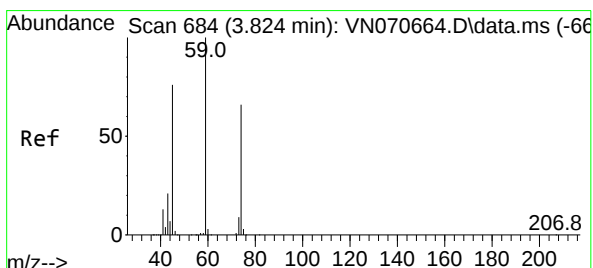
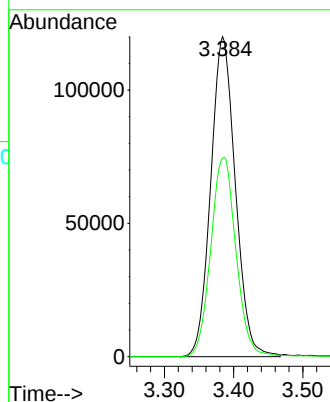
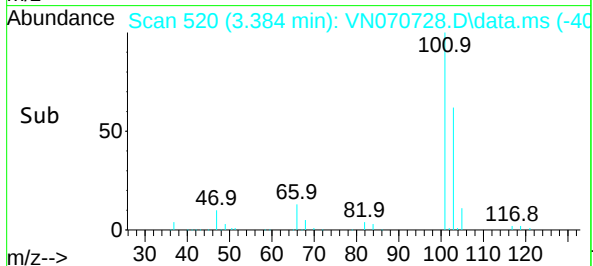
Instrument :
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 VN0121WBS01



Tgt Ion:101 Resp: 297020
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.1 75.1

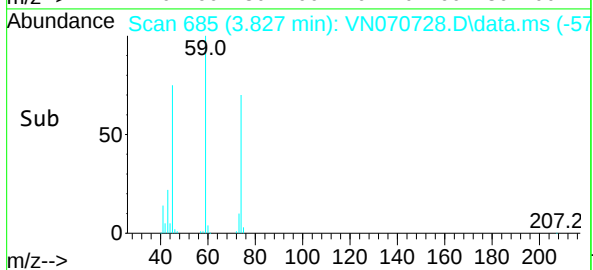
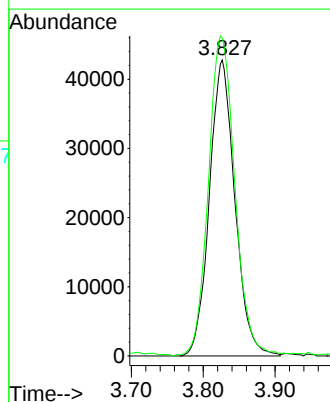
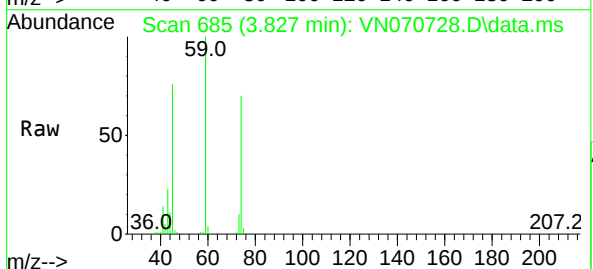
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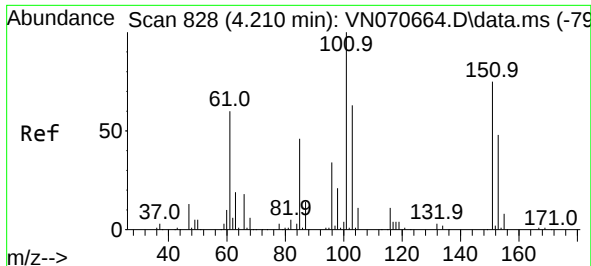
Reviewed By :John Carlone 01/24/2022
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#8
 Diethyl Ether
 Concen: 17.517 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 105367
 Ion Ratio Lower Upper
 74 100
 45 112.6 47.0 141.2





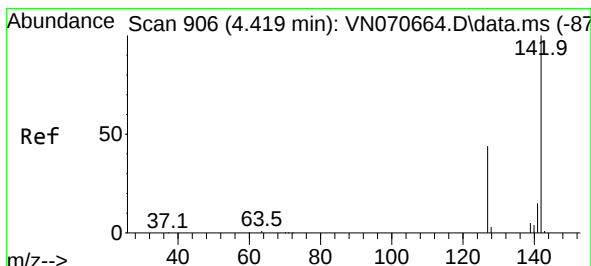
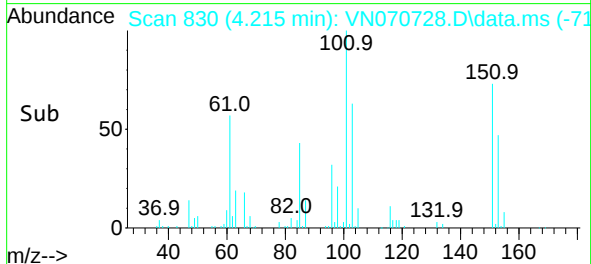
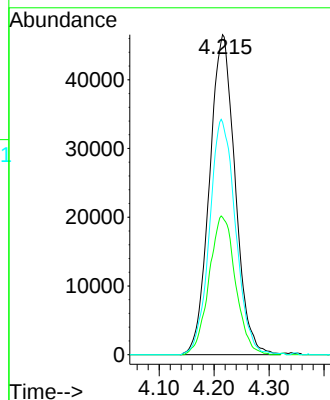
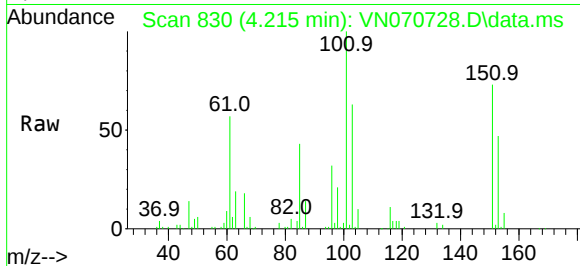
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.124 ug/l
RT: 4.215 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tgt Ion:101 Resp: 150839
Ion Ratio Lower Upper
101 100
85 44.5 37.2 55.8
151 74.7 65.9 98.9

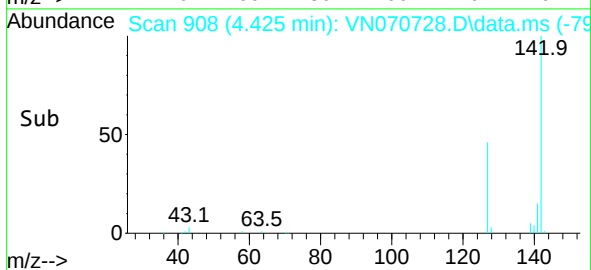
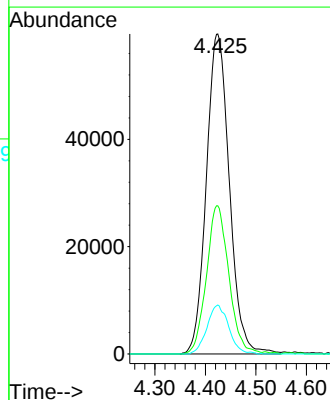
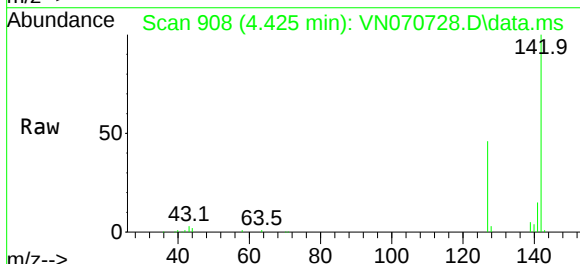
Manual Integrations
APPROVED

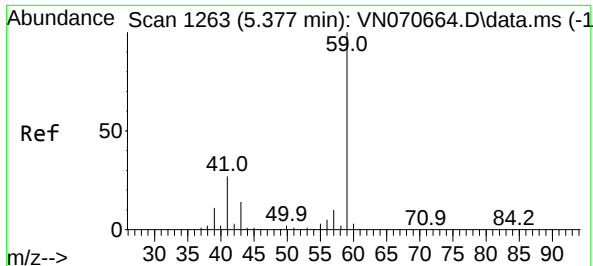
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#10
Methyl Iodide
Concen: 17.610 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

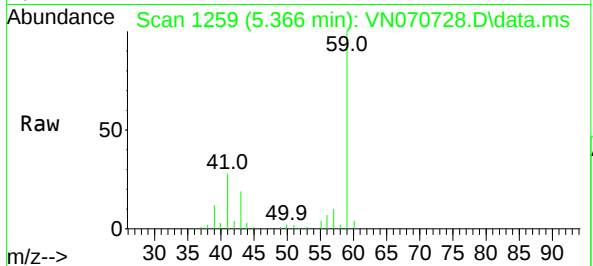
Tgt Ion:142 Resp: 188986
Ion Ratio Lower Upper
142 100
127 45.0 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 73.447 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

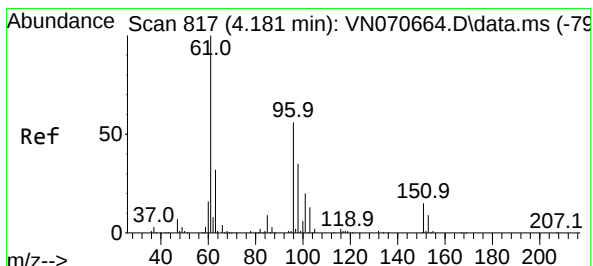
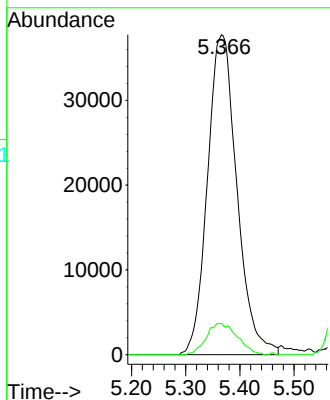
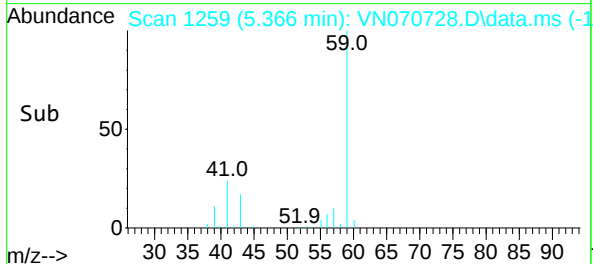
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



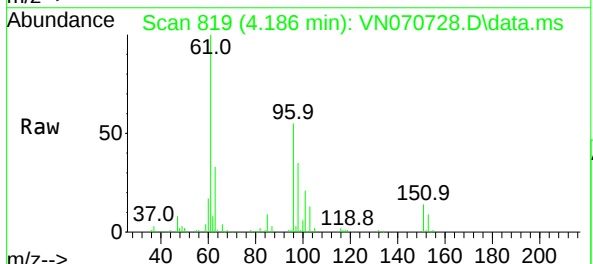
Tgt Ion: 59 Resp: 142489
Ion Ratio Lower Upper
59 100
57 6.3 8.7 13.1

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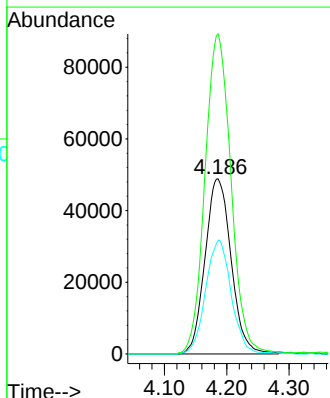
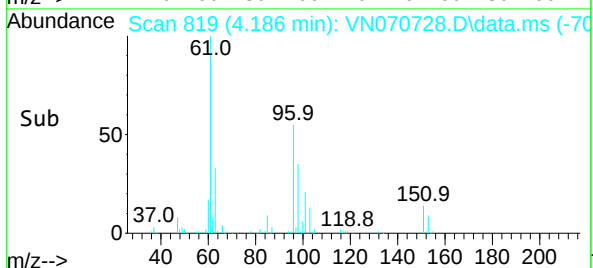
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#12
1,1-Dichloroethene
Concen: 17.139 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.005 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



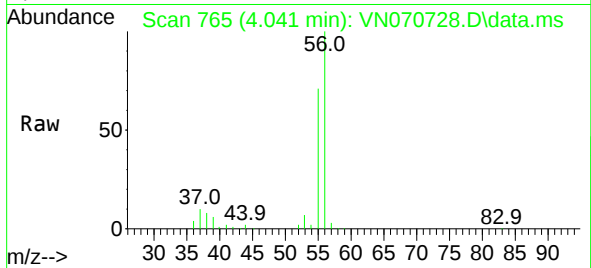
Tgt Ion: 96 Resp: 142264
Ion Ratio Lower Upper
96 100
61 182.1 131.0 196.6
98 64.8 52.4 78.6





#13
Acrolein
Concen: 108.576 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.002 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

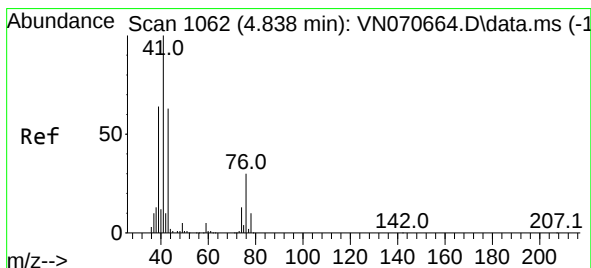
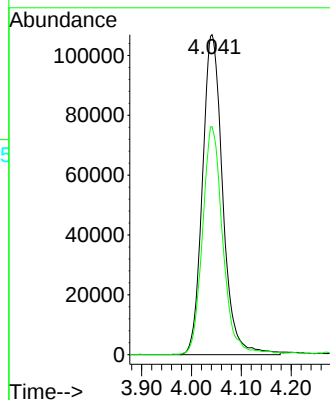
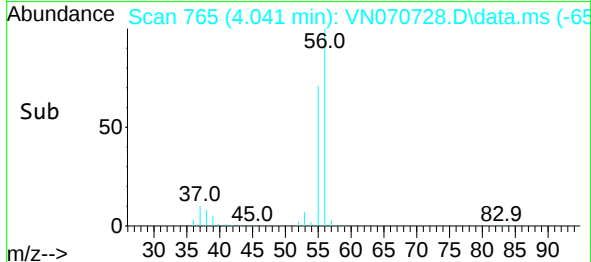
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



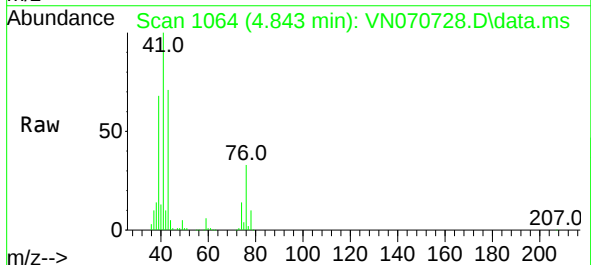
Tgt Ion: 56 Resp: 30209
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

Manual Integrations
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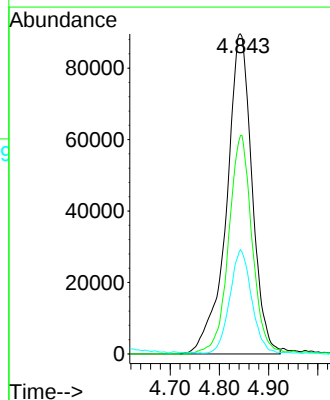
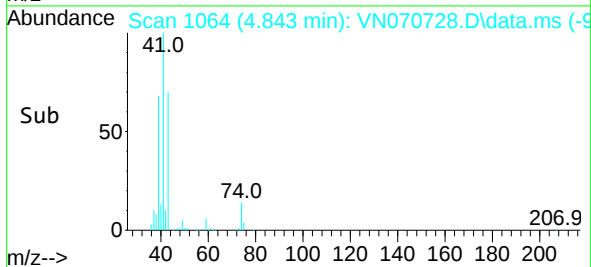
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

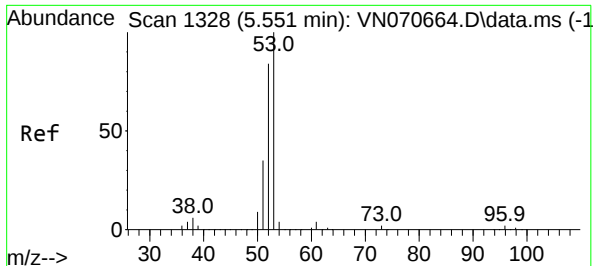


#14
Allyl chloride
Concen: 17.875 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



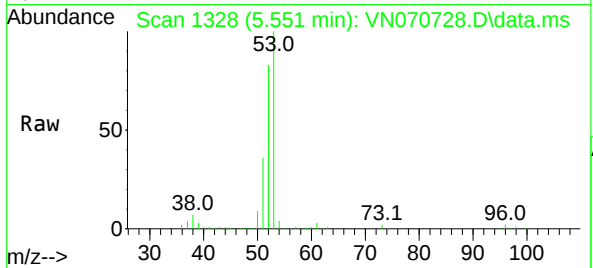
Tgt Ion: 41 Resp: 323278
Ion Ratio Lower Upper
41 100
39 62.6 61.2 91.8
76 27.5 26.0 39.0





#15
Acrylonitrile
Concen: 82.096 ug/l
RT: 5.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

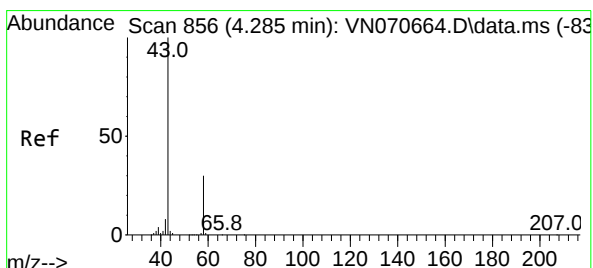
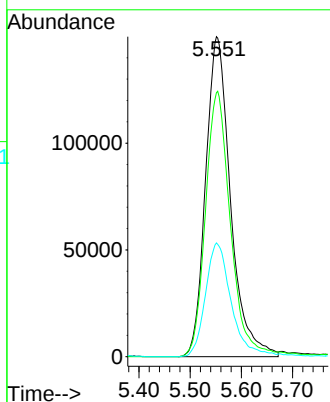
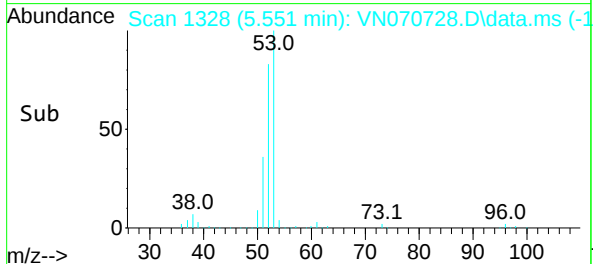
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 53 Resp: 506662
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.6 29.6 44.4

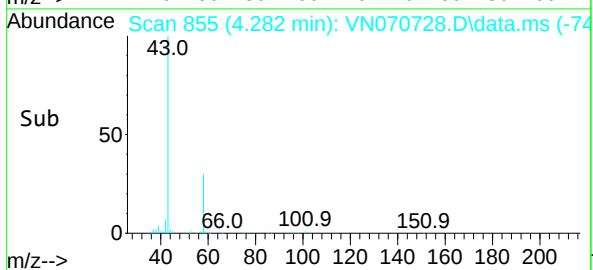
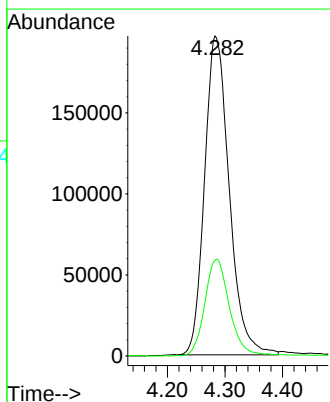
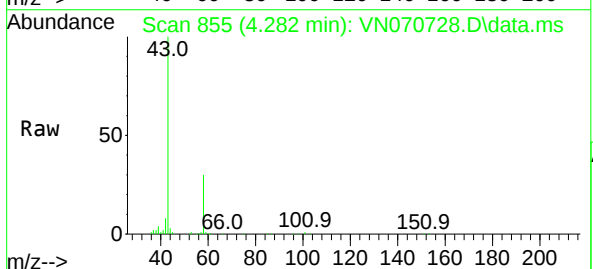
Manual Integrations
APPROVED

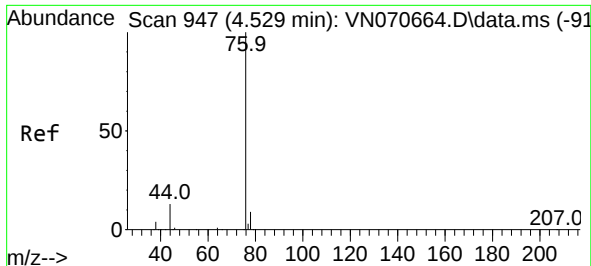
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#16
Acetone
Concen: 78.765 ug/l
RT: 4.282 min Scan# 855
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

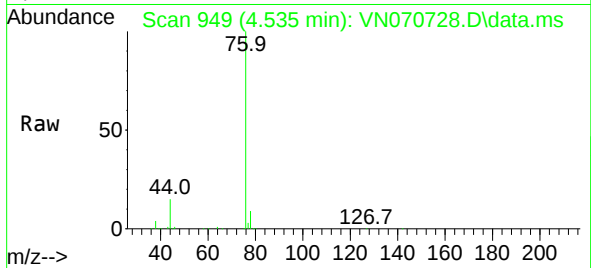
Tgt Ion: 43 Resp: 587866
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7





#17
Carbon Disulfide
Concen: 17.589 ug/l
RT: 4.535 min Scan# 947
Delta R.T. 0.006 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

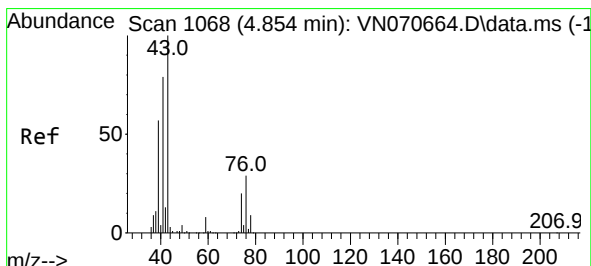
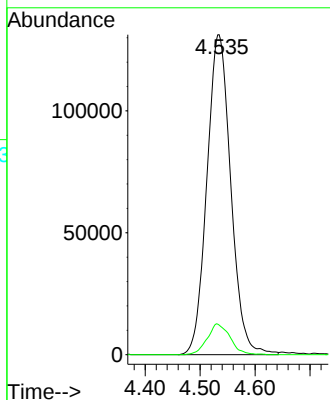
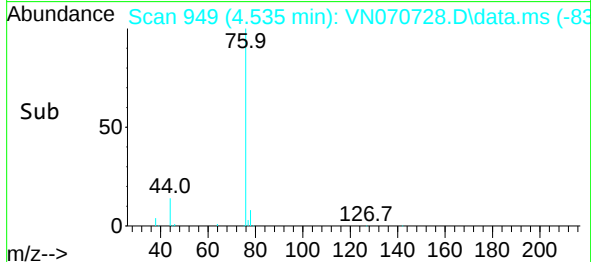
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 76 Resp: 396530
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

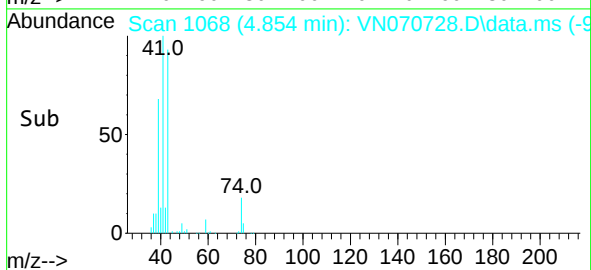
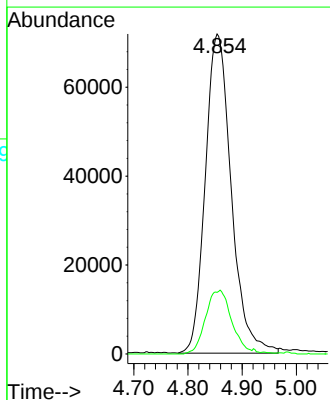
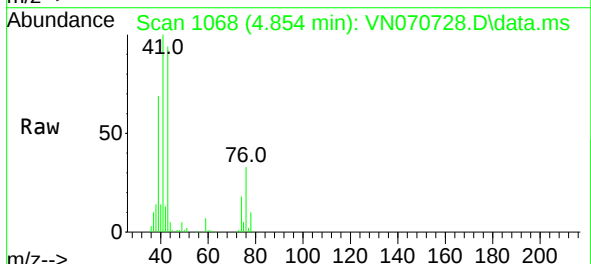
Manual Integrations
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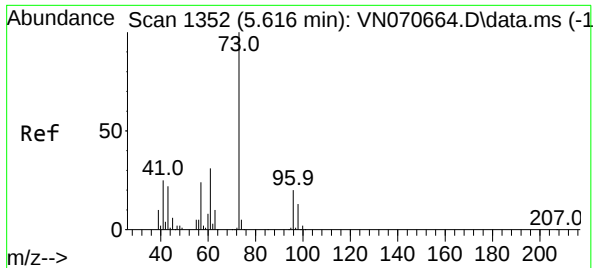
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#18
Methyl Acetate
Concen: 16.309 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

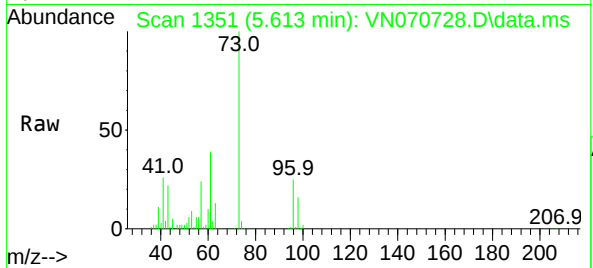
Tgt Ion: 43 Resp: 239391
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.753 ug/l
RT: 5.613 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

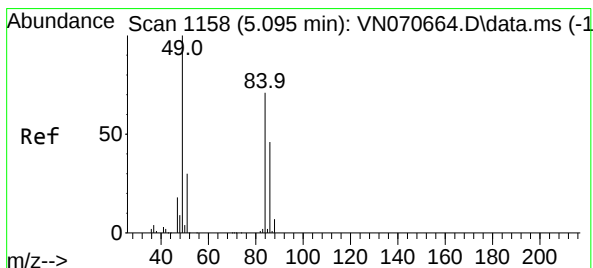
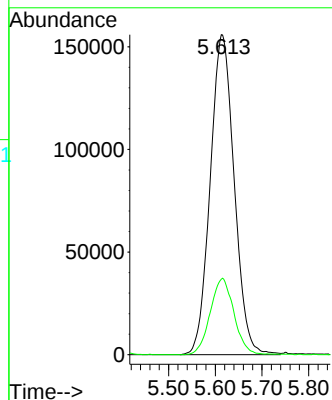
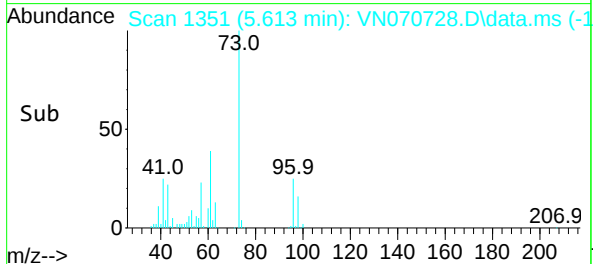
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 73 Resp: 55609
Ion Ratio Lower Upper
73 100
57 23.6 16.8 25.2

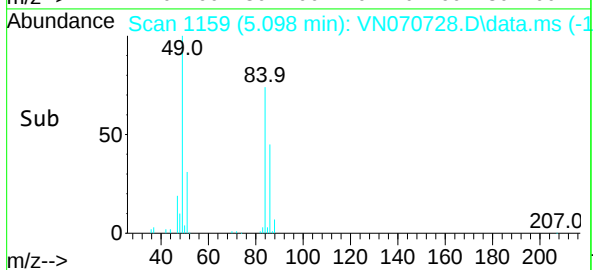
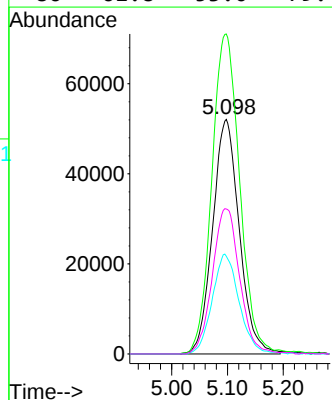
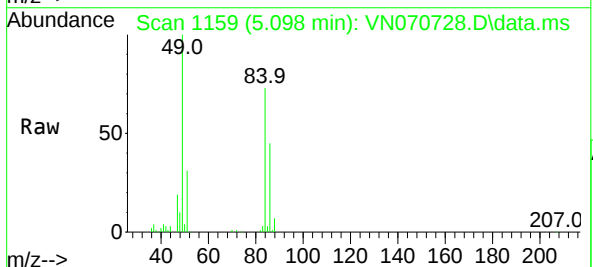
Manual Integrations
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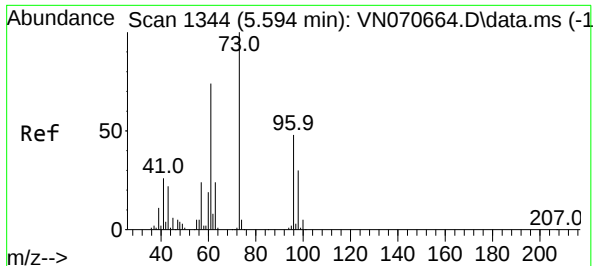
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#20
Methylene Chloride
Concen: 17.581 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

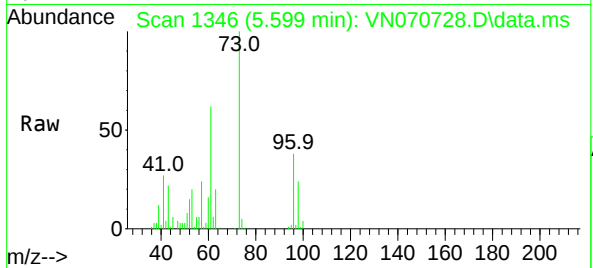
Tgt Ion: 84 Resp: 172839
Ion Ratio Lower Upper
84 100
49 136.4 93.5 140.3
51 41.7 29.4 44.2
86 61.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.459 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

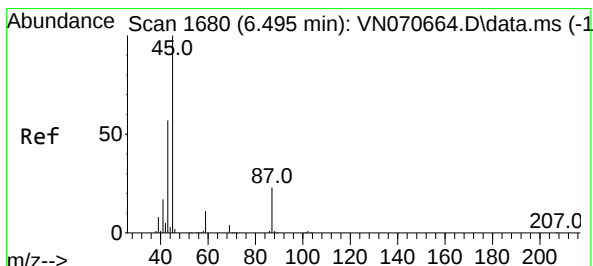
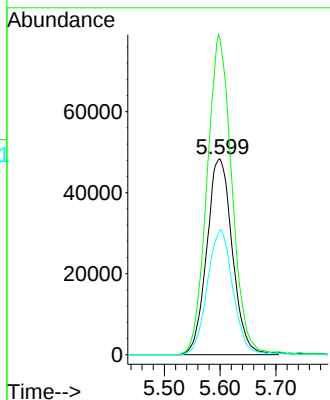
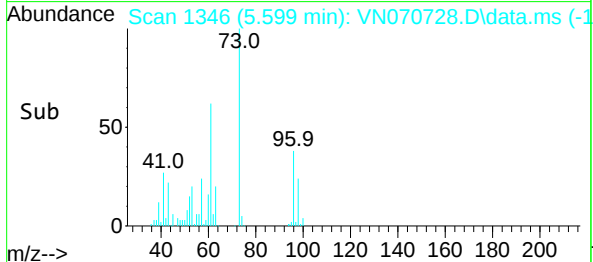
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



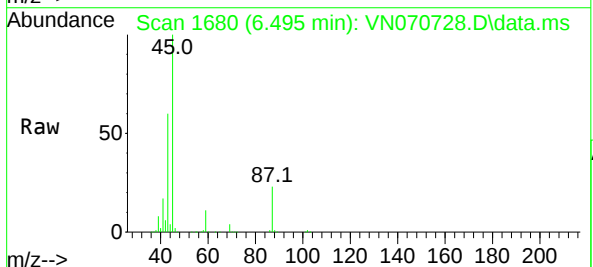
Tgt Ion: 96 Resp: 154212
Ion Ratio Lower Upper
96 100
61 161.8 105.8 158.6
98 63.6 52.0 78.0

Manual Integrations
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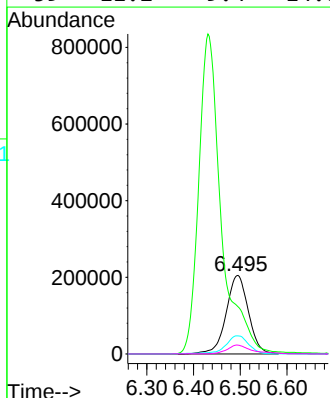
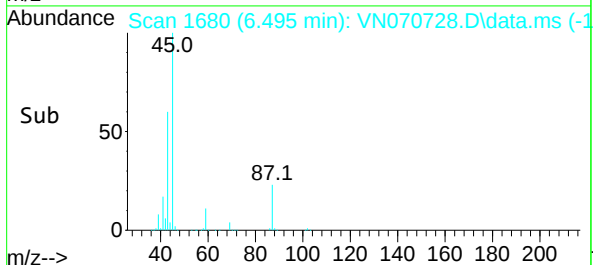
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

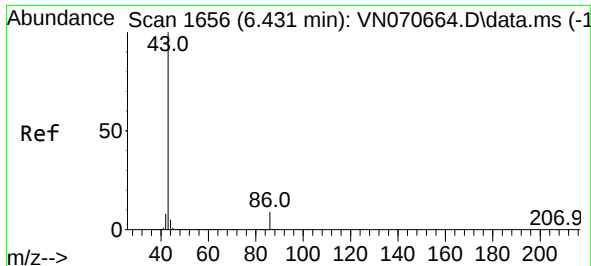


#22
Diisopropyl ether
Concen: 18.953 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



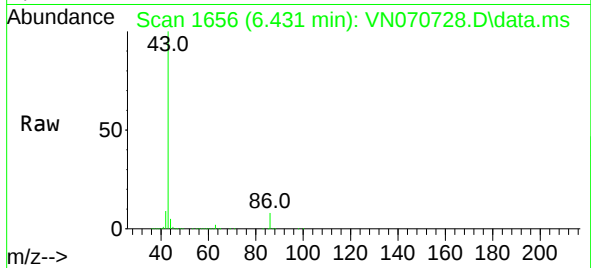
Tgt Ion: 45 Resp: 679406
Ion Ratio Lower Upper
45 100
43 59.5 51.7 77.5
87 22.8 23.2 34.8#
59 11.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 92.038 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.000 min
 Lab File: VN070728.D
 Acq: 21 Jan 2022 12:49

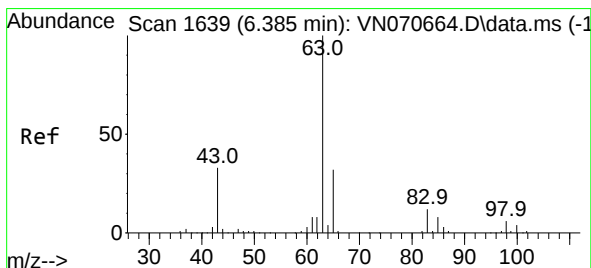
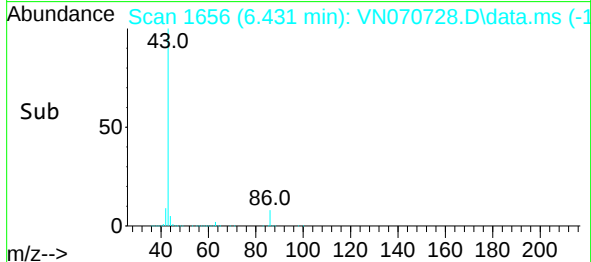
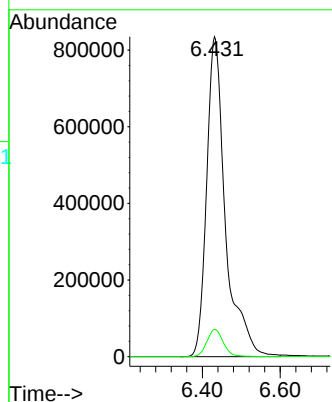
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01



Tgt Ion: 43 Resp: 279681
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

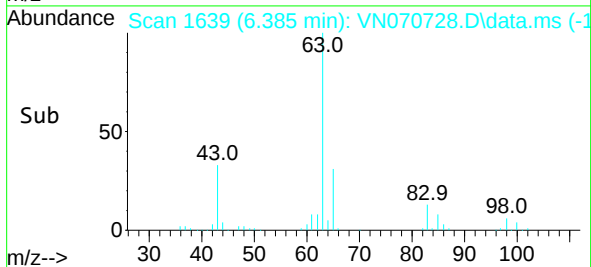
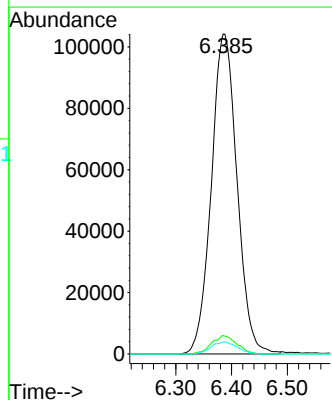
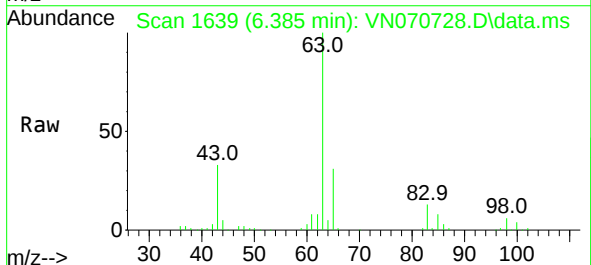
Manual Integrations
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Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022



#24
 1,1-Dichloroethane
 Concen: 18.587 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070728.D
 Acq: 21 Jan 2022 12:49

Tgt Ion: 63 Resp: 333300
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 80.093 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VN070728.D

Acq: 21 Jan 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 43 Resp: 752210

Ion Ratio Lower Upper

43 100

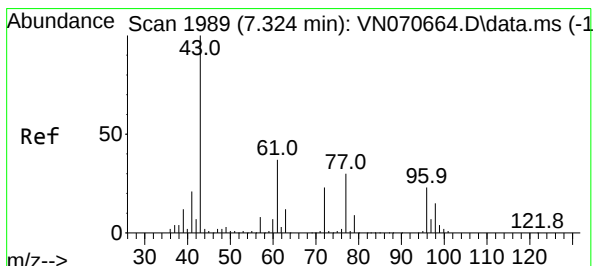
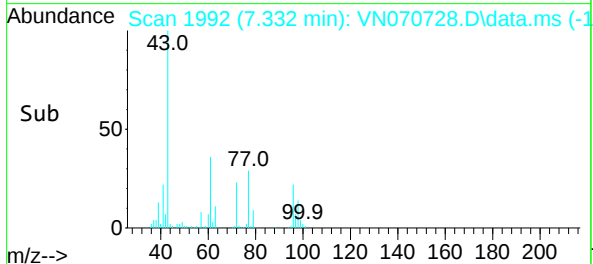
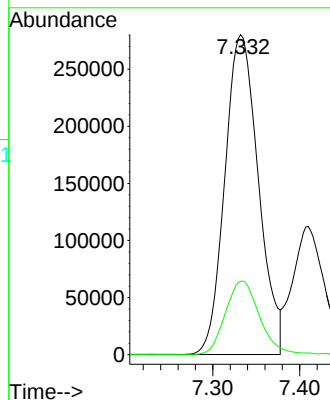
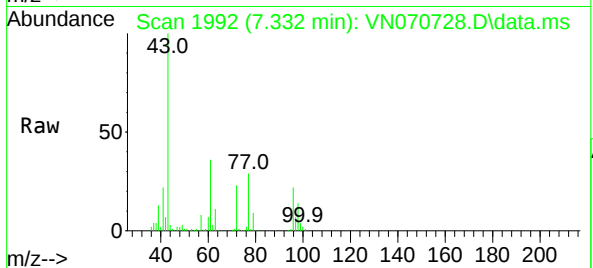
72 23.0 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#26

2,2-Dichloropropane

Concen: 19.202 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070728.D

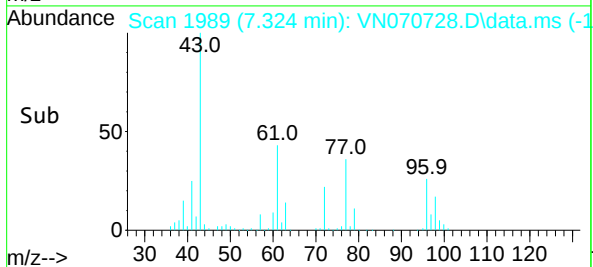
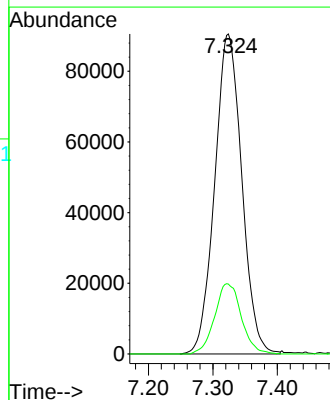
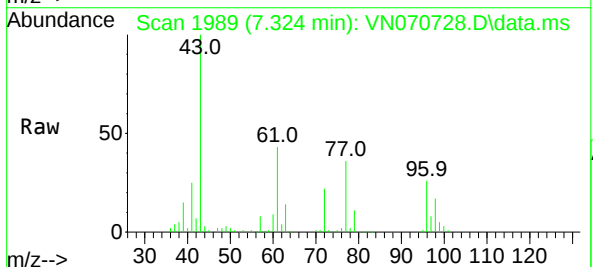
Acq: 21 Jan 2022 12:49

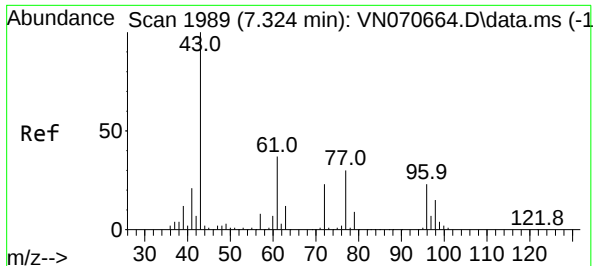
Tgt Ion: 77 Resp: 263997

Ion Ratio Lower Upper

77 100

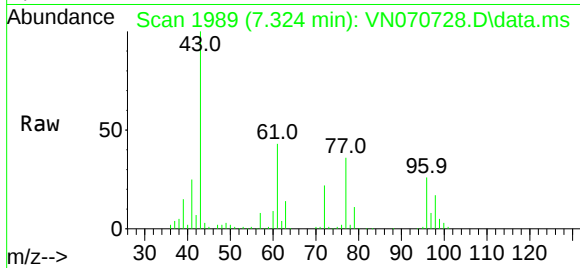
97 21.7 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.170 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

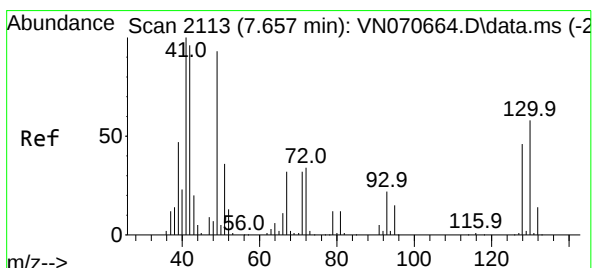
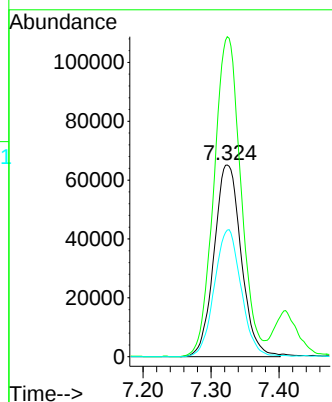
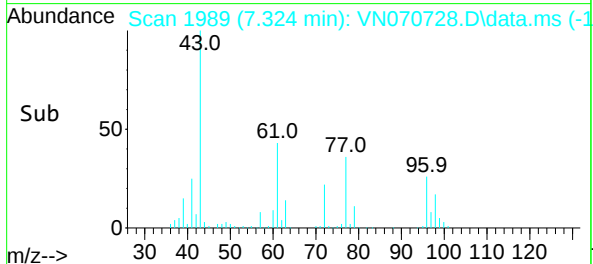
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 96 Resp: 18032
Ion Ratio Lower Upper
96 100
61 165.9 0.0 275.0
98 65.7 0.0 129.6

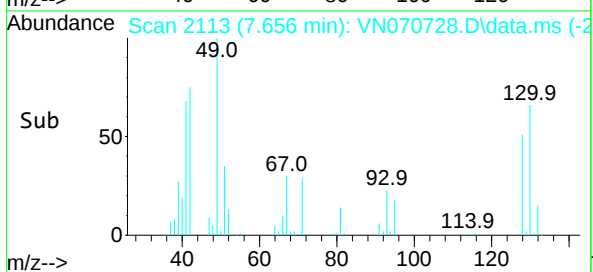
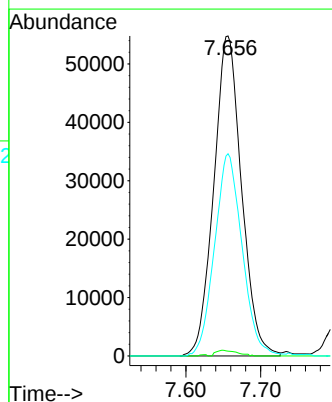
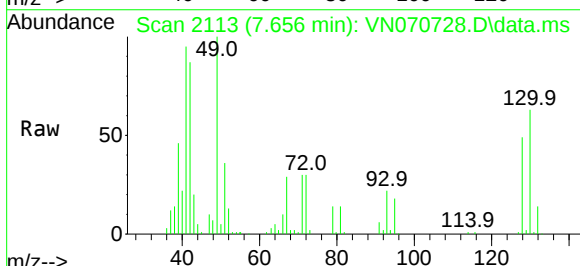
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#28
Bromochloromethane
Concen: 17.553 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

Tgt Ion: 49 Resp: 141314
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.0
130 62.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 81.666 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070728.D

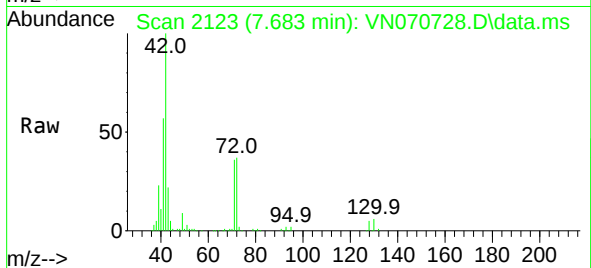
Acq: 21 Jan 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01



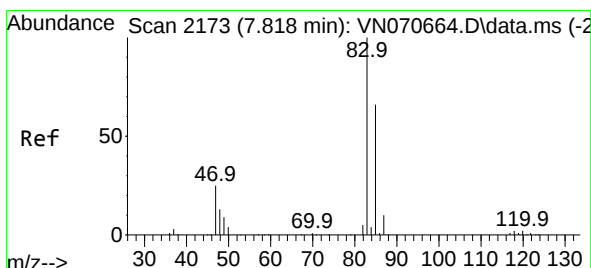
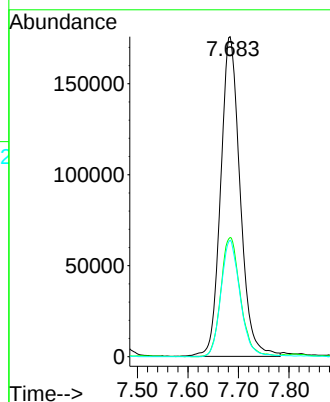
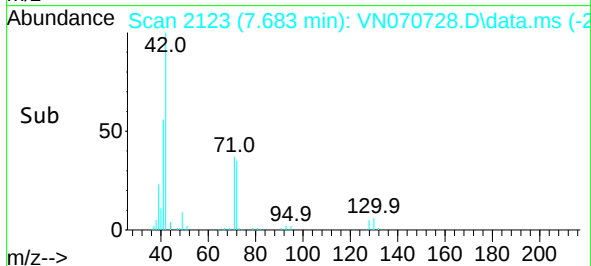
Tgt Ion:	42	Resp:	469620
Ion Ratio	100	Lower	Upper
42	100		
72	37.7	36.3	54.5
71	36.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#30

Chloroform

Concen: 18.381 ug/l

RT: 7.815 min Scan# 2172

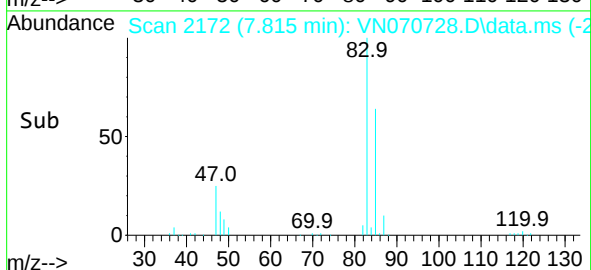
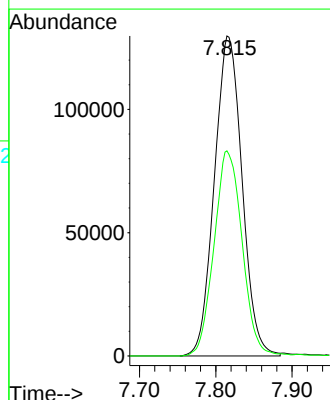
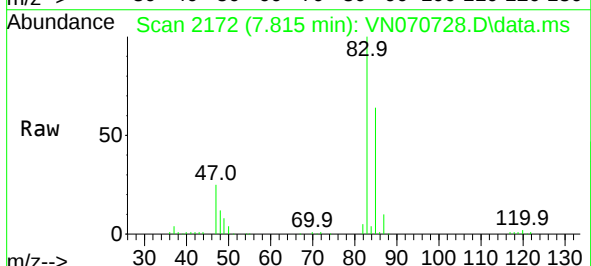
Delta R.T. -0.003 min

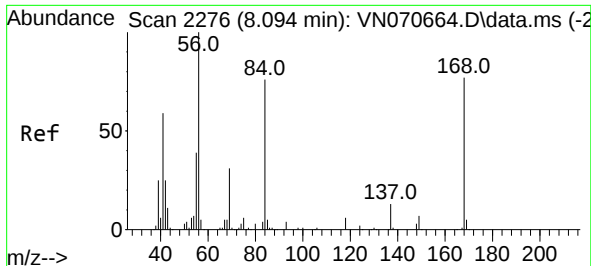
Lab File: VN070728.D

Acq: 21 Jan 2022 12:49

Tgt Ion: 83 Resp: 327468

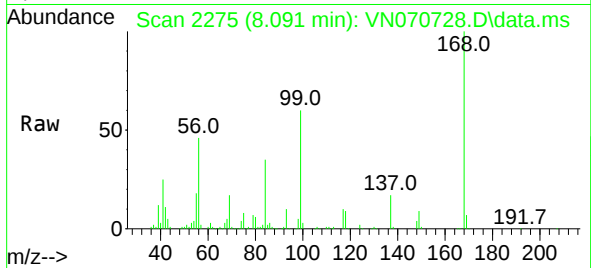
Ion Ratio	Lower	Upper
83	100	
85	64.1	51.9 77.9





#31
Cyclohexane
Concen: 18.192 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

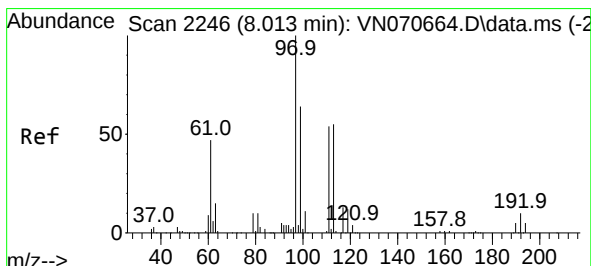
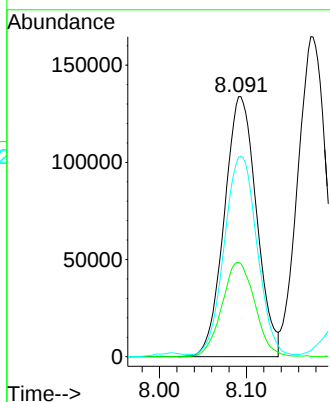
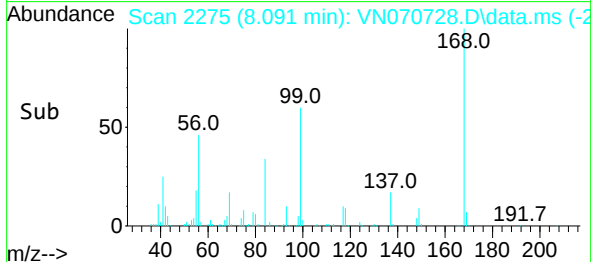
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



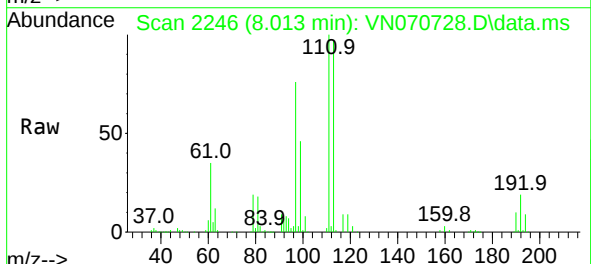
Tgt Ion: 56 Resp: 34448
Ion Ratio Lower Upper
56 100
69 36.1 27.1 40.7
84 75.5 73.4 110.0

Manual Integrations
APPROVED

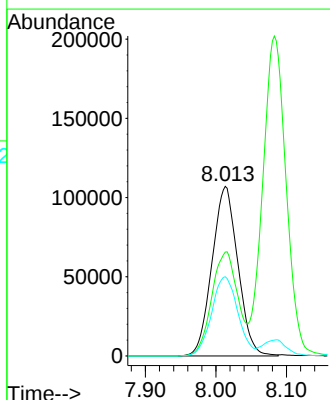
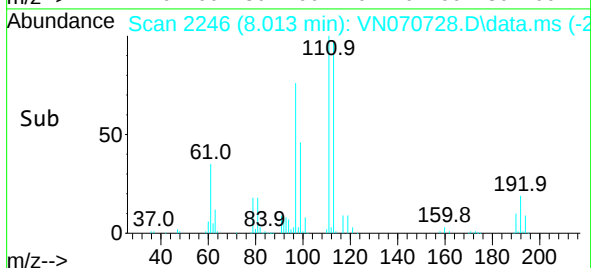
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

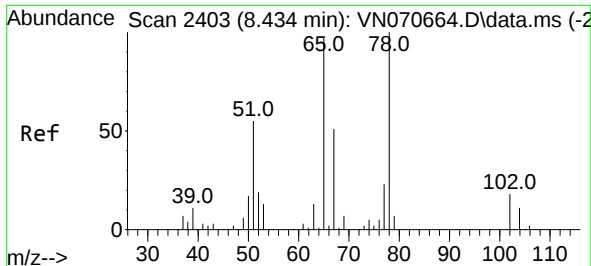


#32
1,1,1-Trichloroethane
Concen: 19.589 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



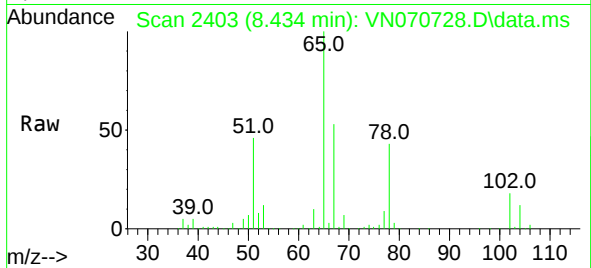
Tgt Ion: 97 Resp: 272651
Ion Ratio Lower Upper
97 100
99 62.3 50.1 75.1
61 47.6 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 47.275 ug/l
 RT: 8.434 min Scan# 2403
 Delta R.T. 0.000 min
 Lab File: VN070728.D
 Acq: 21 Jan 2022 12:49

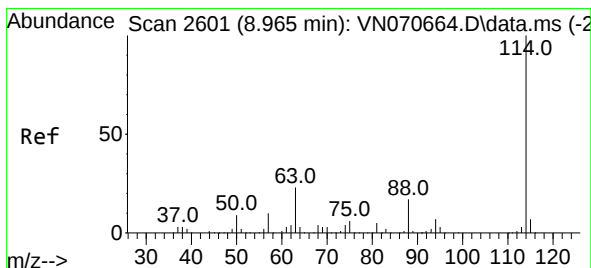
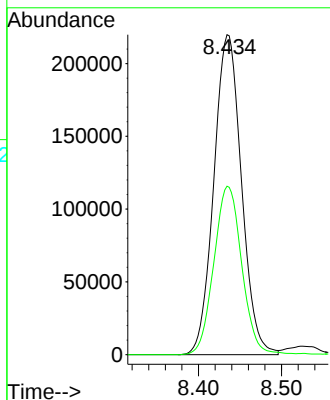
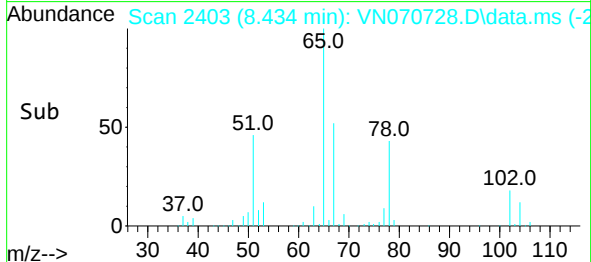
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01



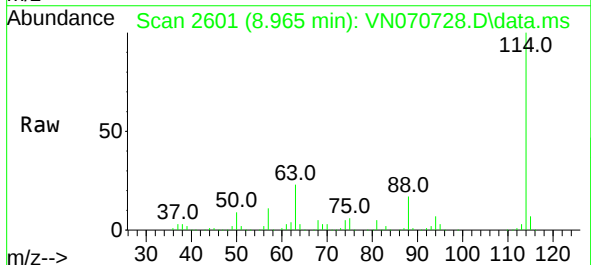
Tgt Ion: 65 Resp: 508364
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.0

Manual Integrations
 APPROVED

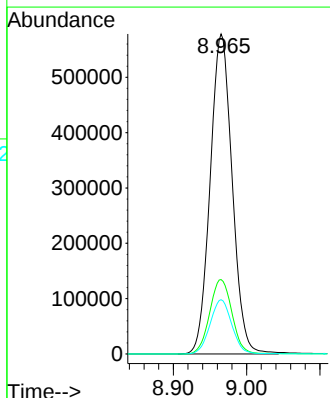
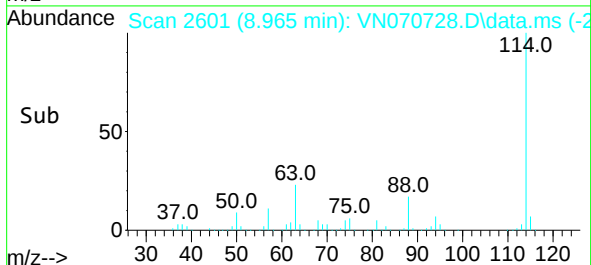
Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022

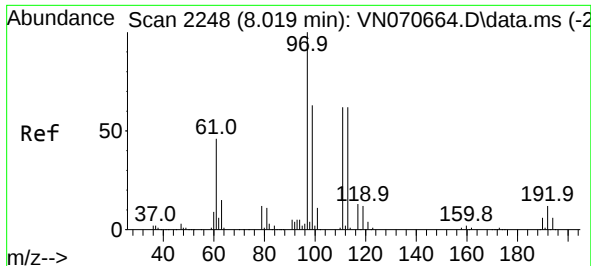


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: VN070728.D
 Acq: 21 Jan 2022 12:49



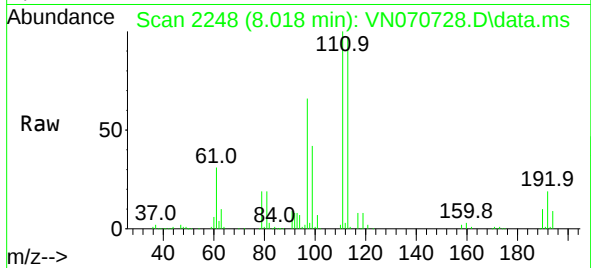
Tgt Ion:114 Resp: 1206624
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 37.8
 88 17.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.549 ug/l
RT: 8.018 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

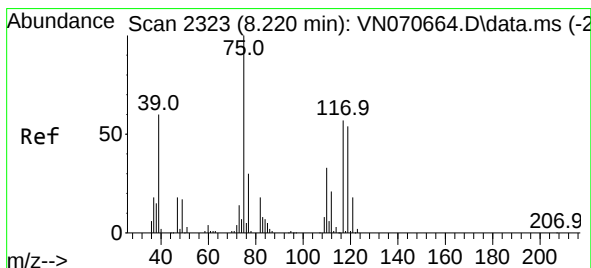
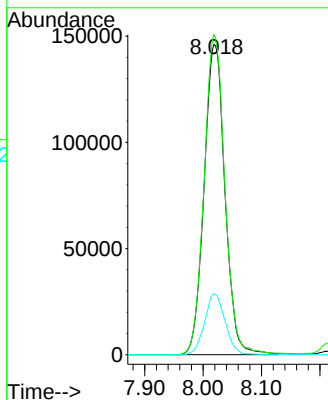
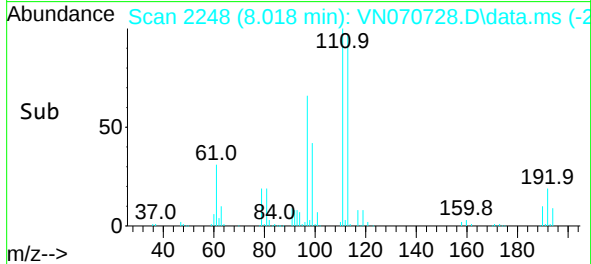
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 113 Resp: 363370
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.2 16.9 25.3

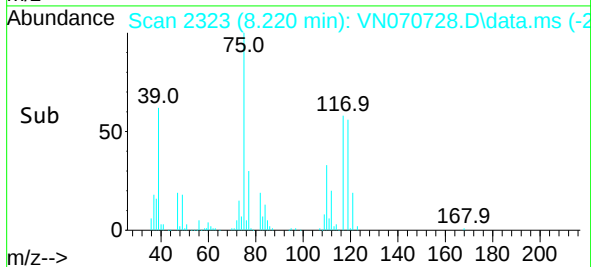
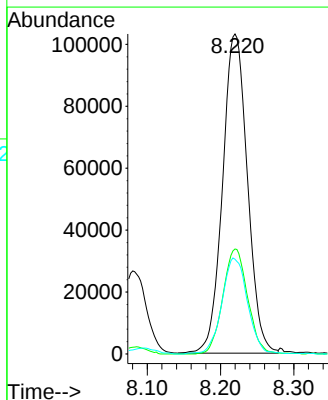
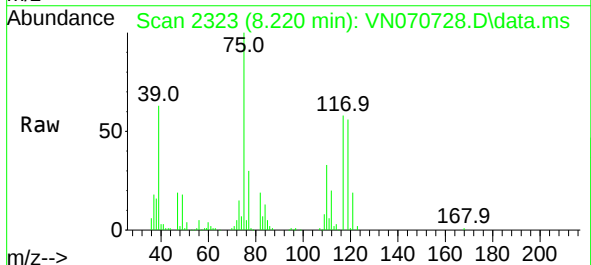
Manual Integrations
APPROVED

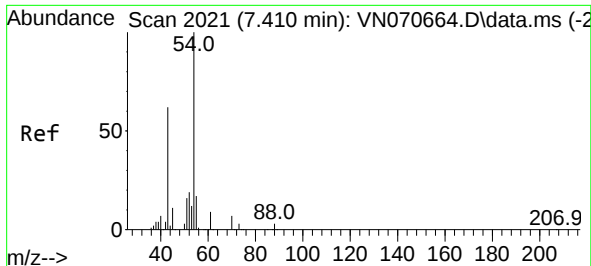
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#36
1,1-Dichloropropene
Concen: 19.267 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

Tgt Ion: 75 Resp: 242770
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 17.094 ug/l

RT: 7.410 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VN070728.D

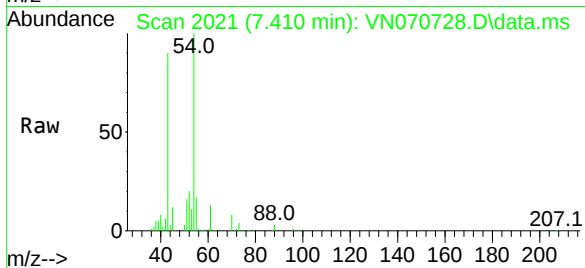
Acq: 21 Jan 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01



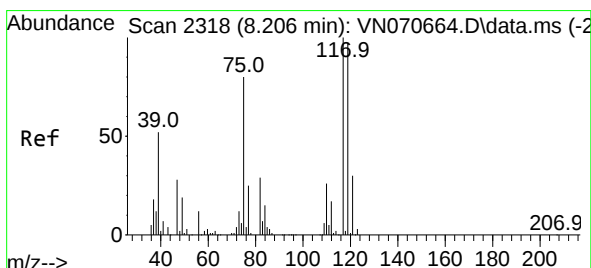
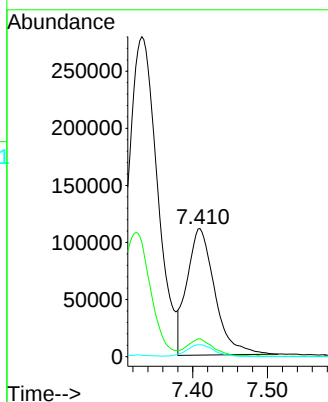
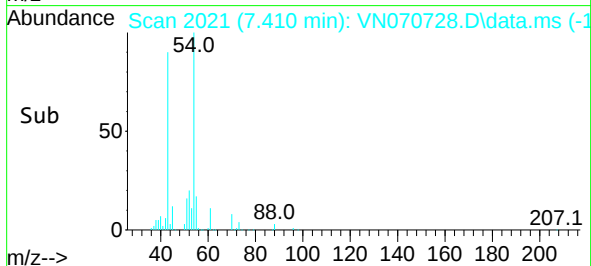
Tgt Ion:	43	Resp:	28595
Ion Ratio	Lower	Upper	
43	100		
61	12.6	11.5	17.3
70	9.6	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#38

Carbon Tetrachloride

Concen: 20.073 ug/l

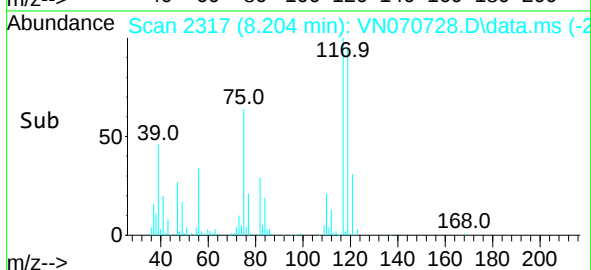
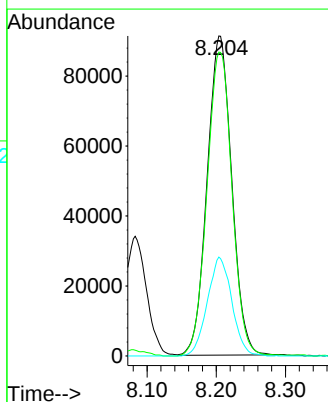
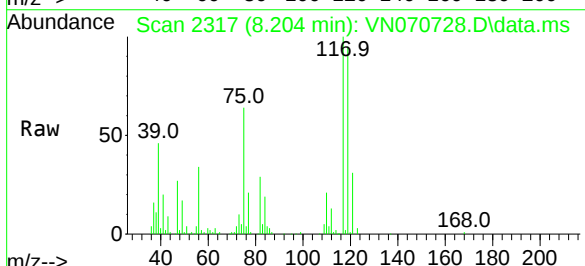
RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN070728.D

Acq: 21 Jan 2022 12:49

Tgt Ion:	117	Resp:	225011
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.1	114.1
121	31.0	24.2	36.2





#39

Methylcyclohexane

Concen: 19.010 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070728.D

Acq: 21 Jan 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 83 Resp: 295700

Ion Ratio Lower Upper

83 100

55 85.2 58.1 87.1

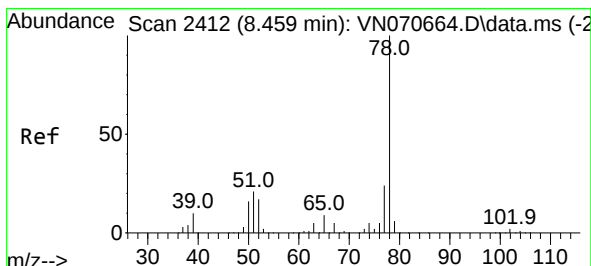
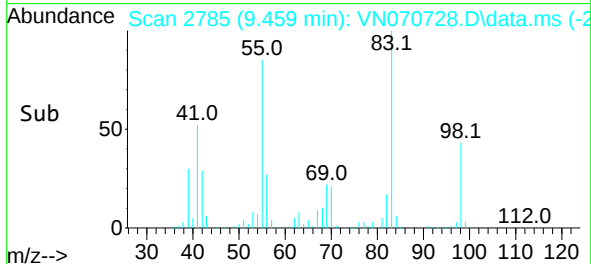
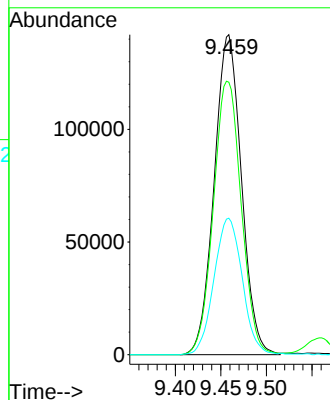
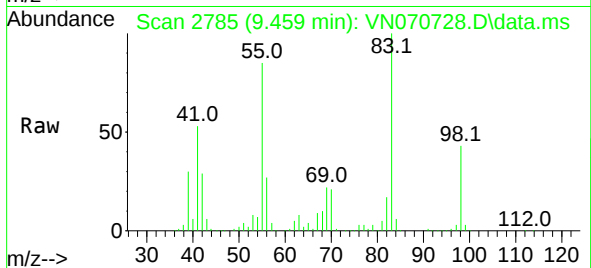
98 42.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#40

Benzene

Concen: 18.985 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.001 min

Lab File: VN070728.D

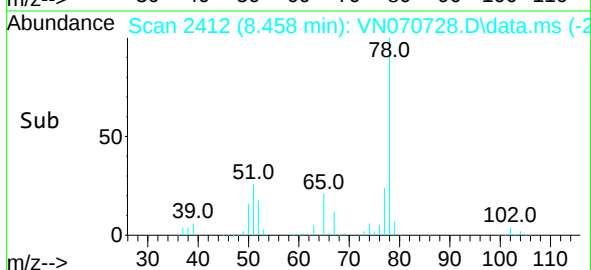
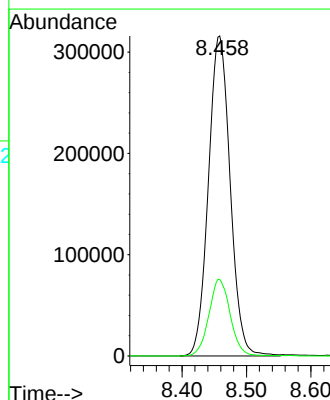
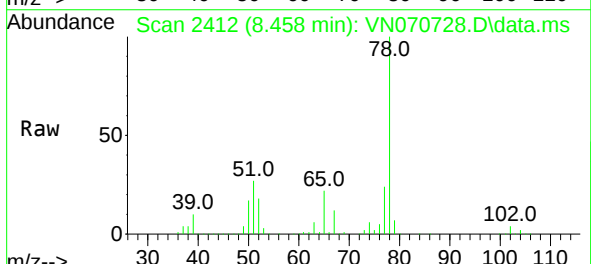
Acq: 21 Jan 2022 12:49

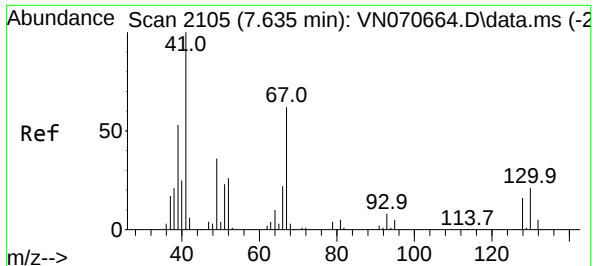
Tgt Ion: 78 Resp: 741244

Ion Ratio Lower Upper

78 100

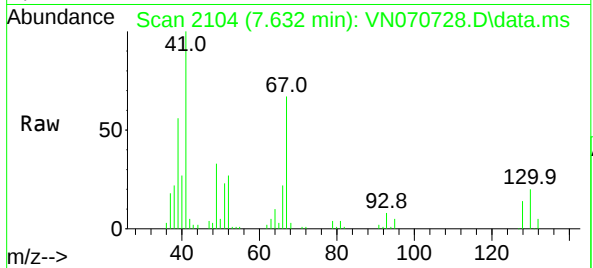
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 16.858 ug/l
RT: 7.632 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

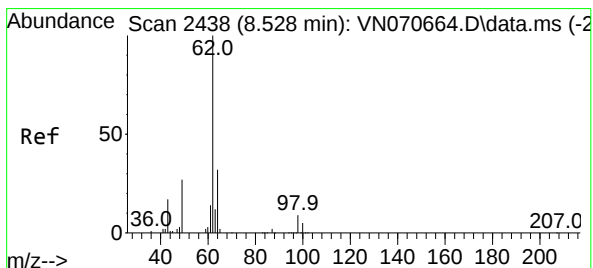
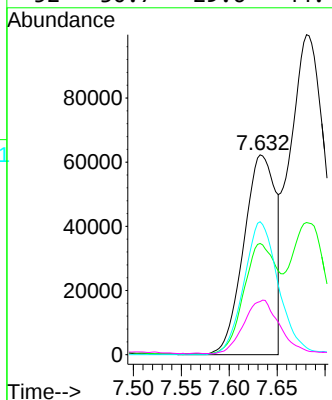
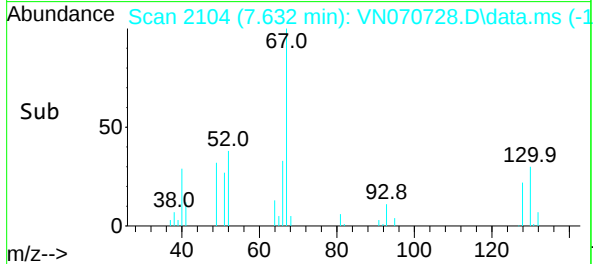
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



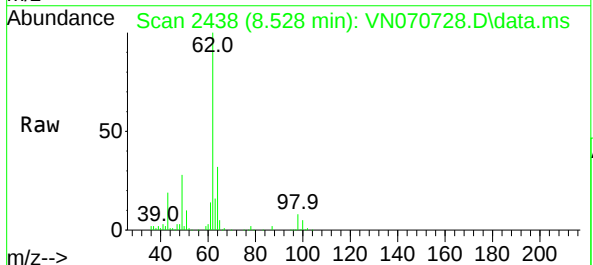
Tgt Ion: 41 Resp: 143470
Ion Ratio Lower Upper
41 100
39 60.0 48.1 72.1
67 73.1 68.3 102.5
52 30.7 29.6 44.4

Manual Integrations
APPROVED

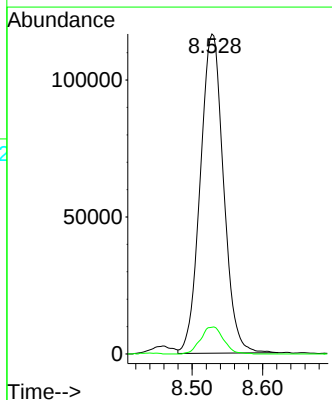
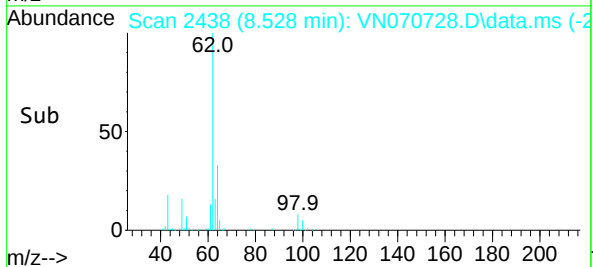
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

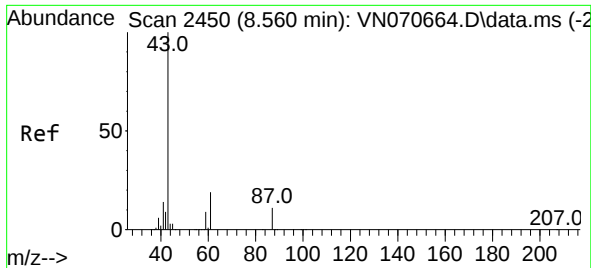


#42
1,2-Dichloroethane
Concen: 19.737 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



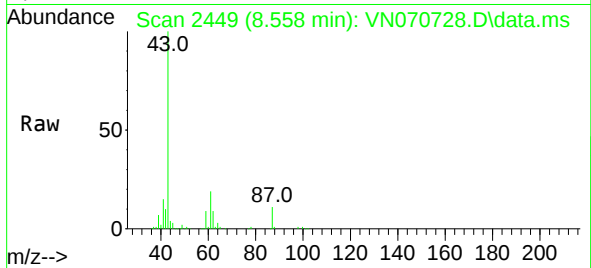
Tgt Ion: 62 Resp: 267196
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.611 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

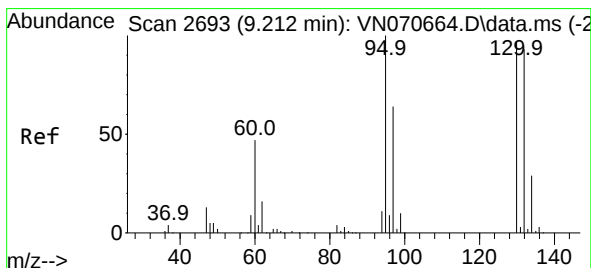
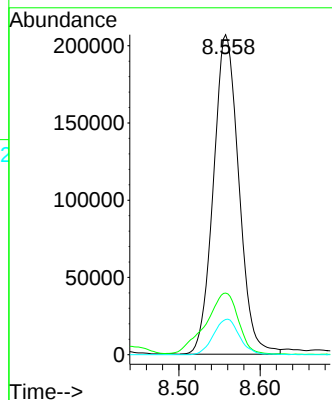
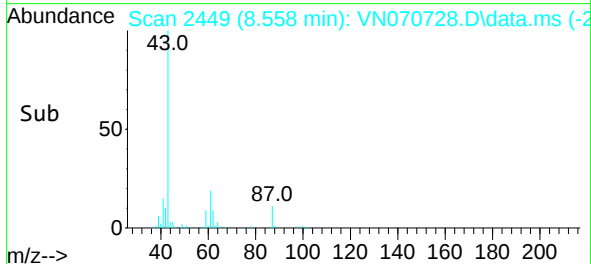
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 43 Resp: 44999
Ion Ratio Lower Upper
43 100
61 24.6 20.4 30.6
87 11.3 11.2 16.8

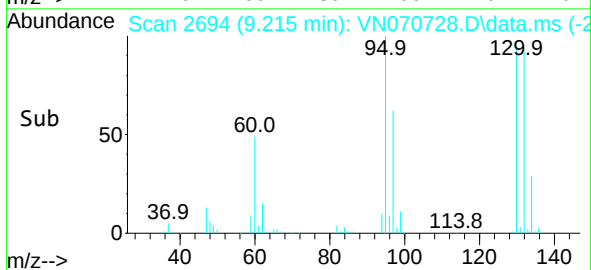
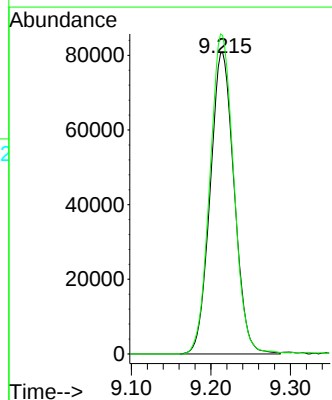
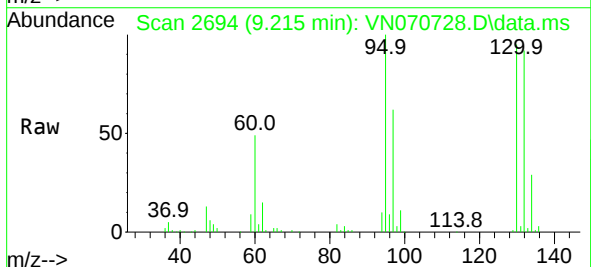
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#44
Trichloroethene
Concen: 19.144 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

Tgt Ion:130 Resp: 169445
Ion Ratio Lower Upper
130 100
95 105.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.166 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VN070728.D

Acq: 21 Jan 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 63 Resp: 20359

Ion Ratio Lower Upper

63 100

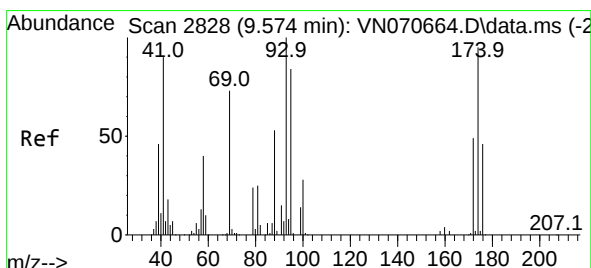
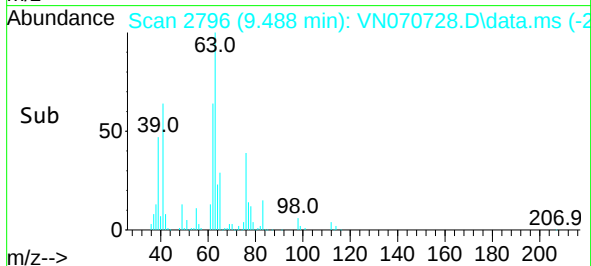
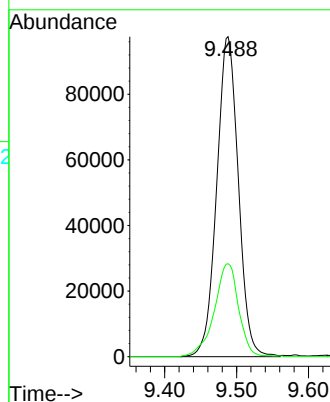
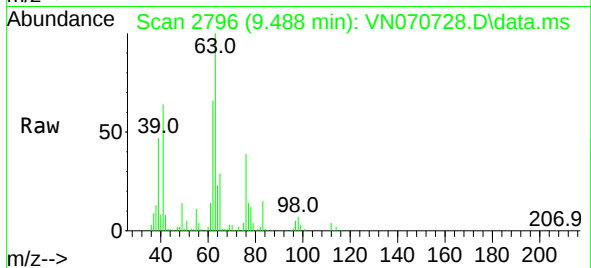
65 29.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#46

Dibromomethane

Concen: 19.329 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. 0.000 min

Lab File: VN070728.D

Acq: 21 Jan 2022 12:49

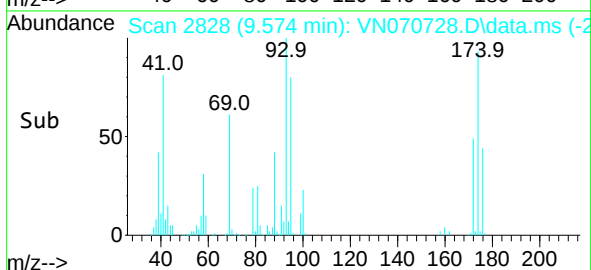
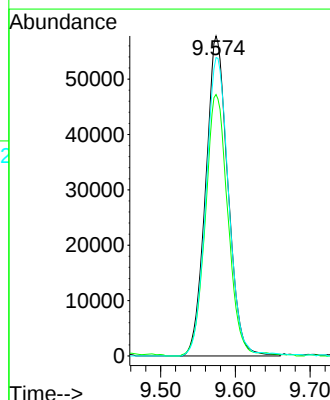
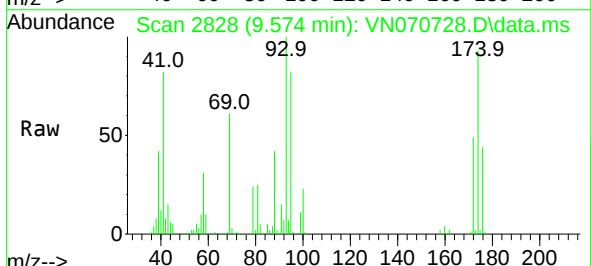
Tgt Ion: 93 Resp: 119391

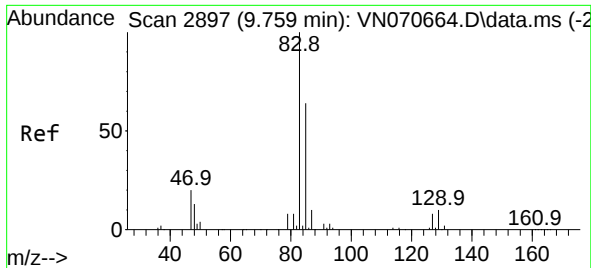
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

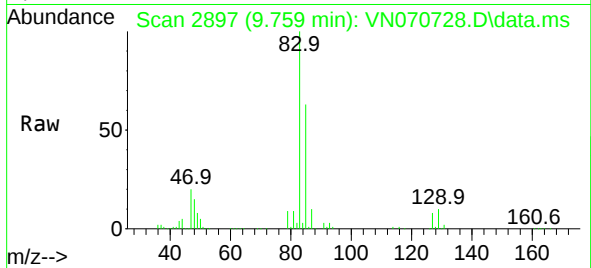
174 95.0 84.6 127.0





#47
Bromodichloromethane
Concen: 19.224 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

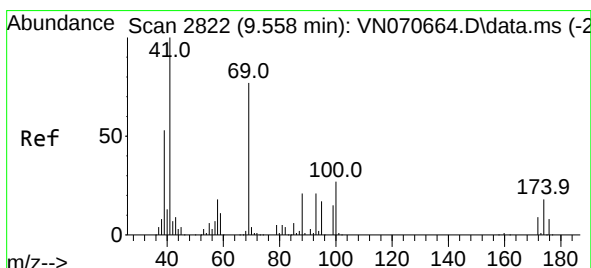
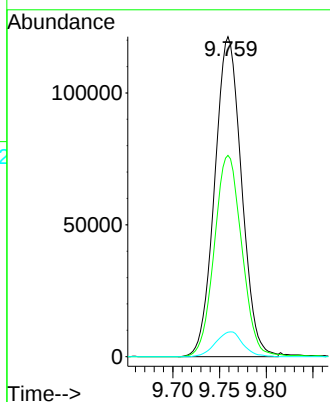
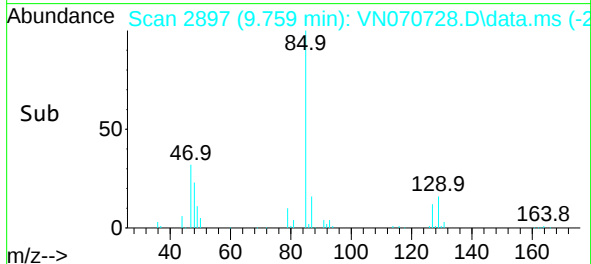
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



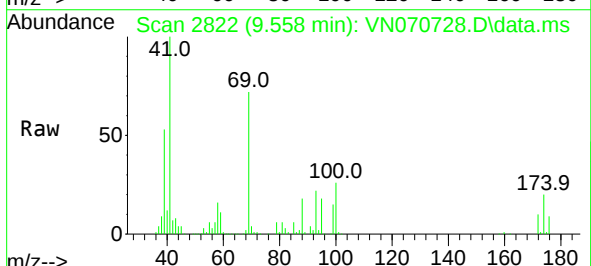
Tgt Ion: 83 Resp: 242724
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 7.7 7.1 10.7

Manual Integrations
APPROVED

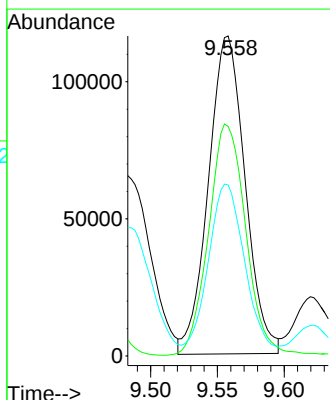
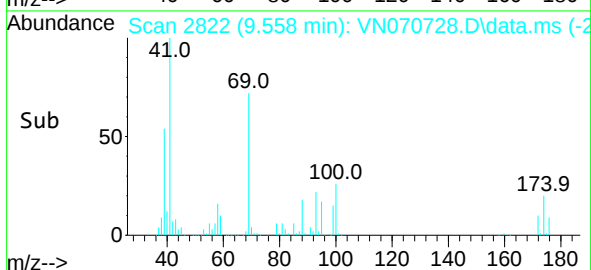
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

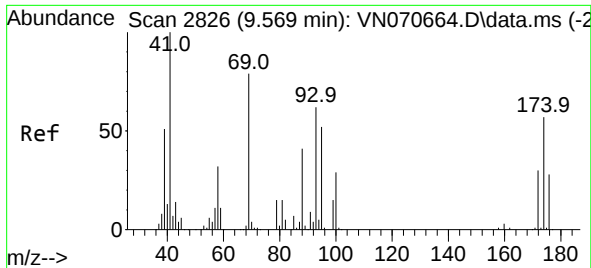


#48
Methyl methacrylate
Concen: 18.218 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



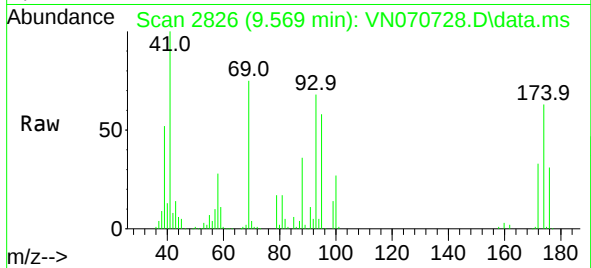
Tgt Ion: 41 Resp: 221757
Ion Ratio Lower Upper
41 100
69 74.1 72.4 108.6
39 48.8 58.4 87.6#





#49
1,4-Dioxane
Concen: 314.598 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

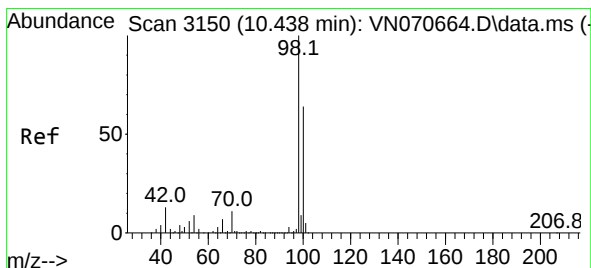
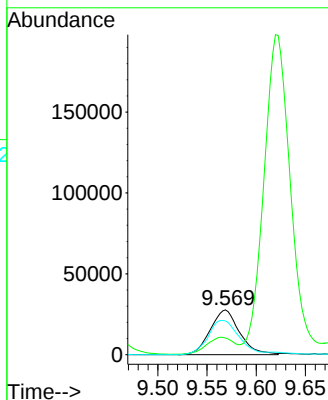
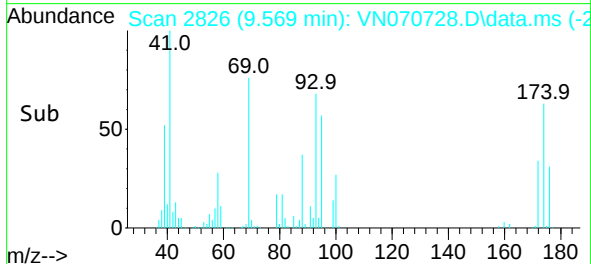
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



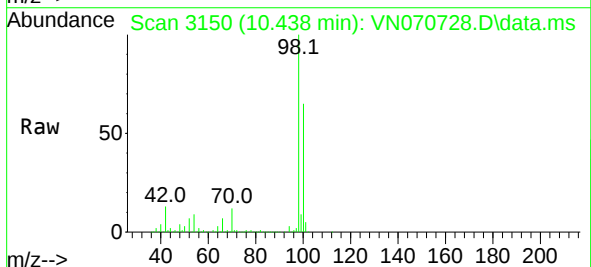
Tgt Ion: 88 Resp: 5752
Ion Ratio Lower Upper
88 100
43 35.1 23.4 35.2
58 80.9 50.6 75.8

Manual Integrations
APPROVED

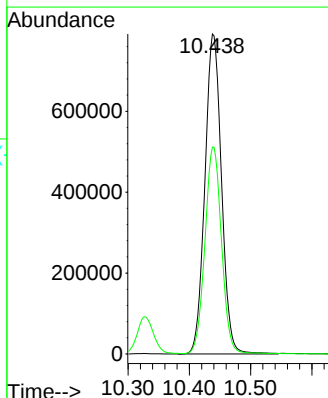
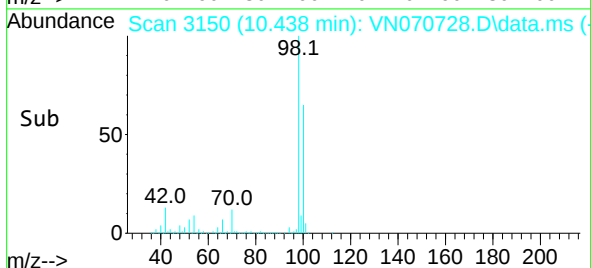
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#50
Toluene-d8
Concen: 47.275 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



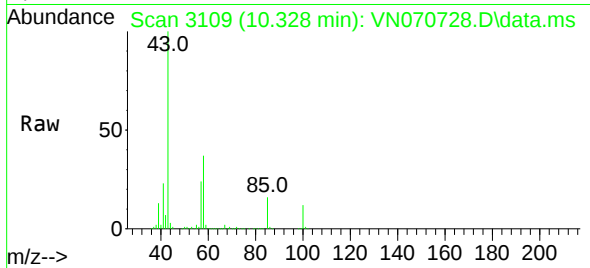
Tgt Ion: 98 Resp: 1490650
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 86.612 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

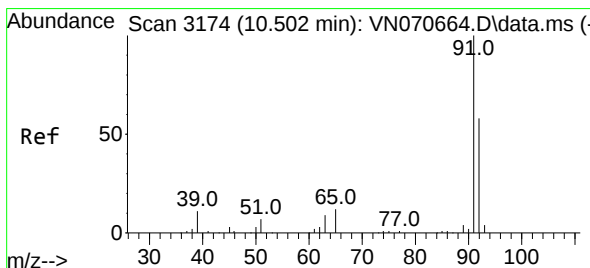
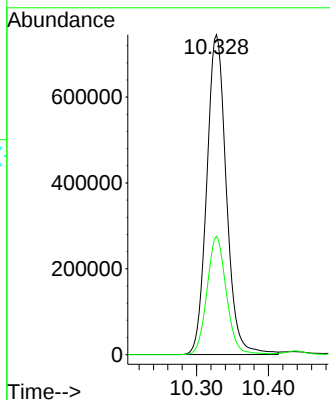
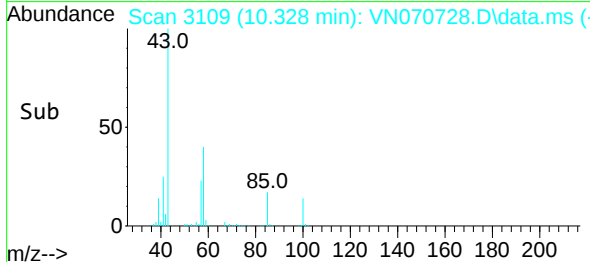
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 43 Resp: 1412124
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

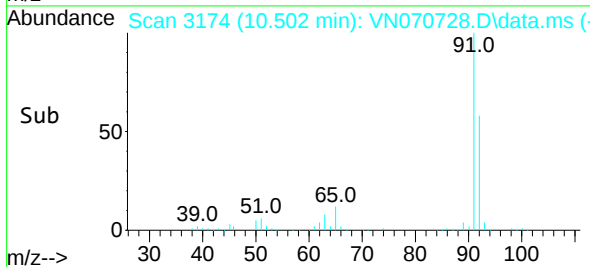
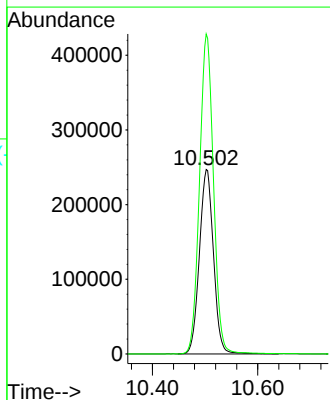
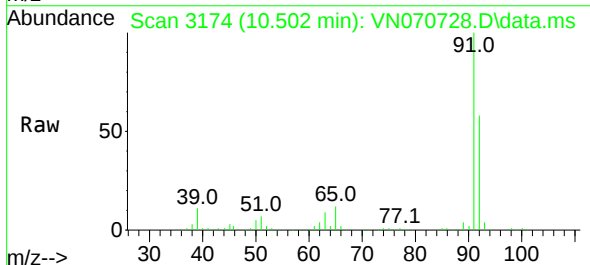
Manual Integrations
APPROVED

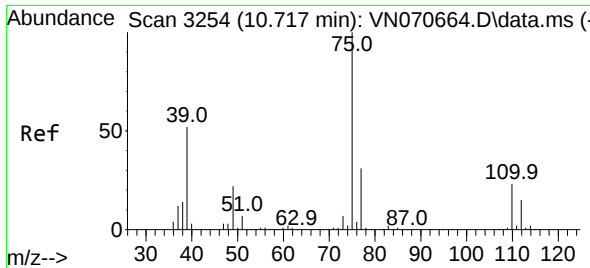
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#52
Toluene
Concen: 19.633 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

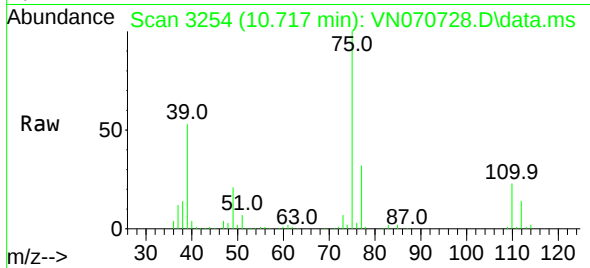
Tgt Ion: 92 Resp: 458514
Ion Ratio Lower Upper
92 100
91 172.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.750 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

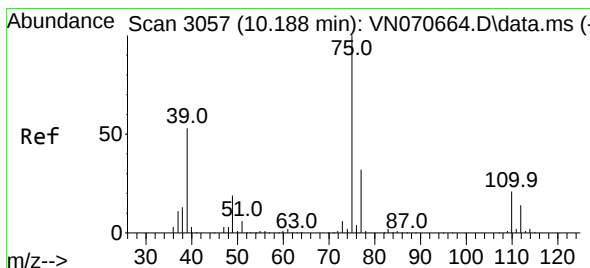
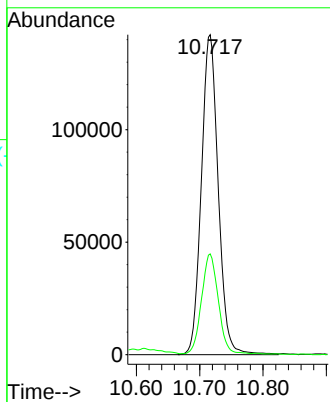
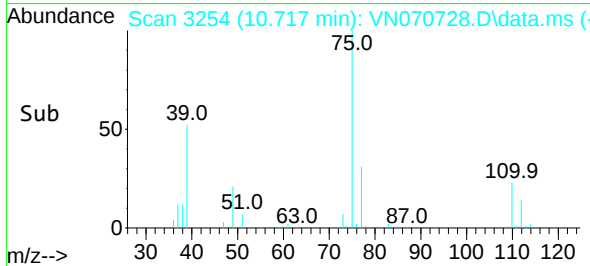
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



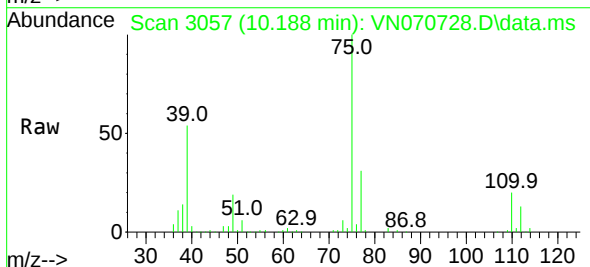
Tgt Ion: 75 Resp: 26292
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

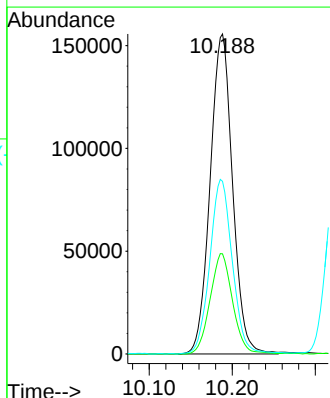
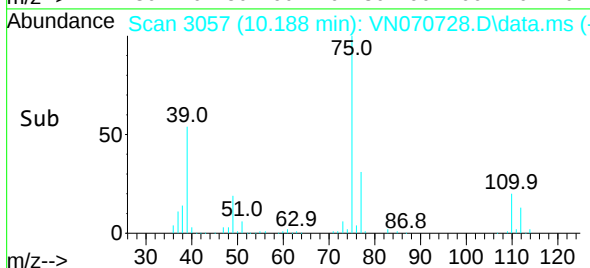
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

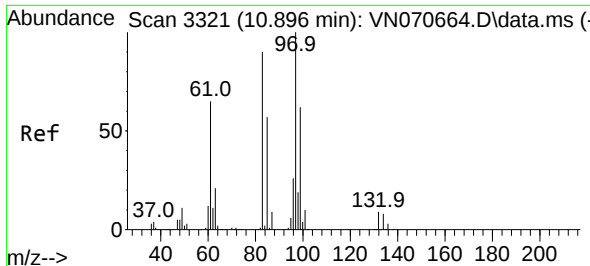


#54
cis-1,3-Dichloropropene
Concen: 19.266 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



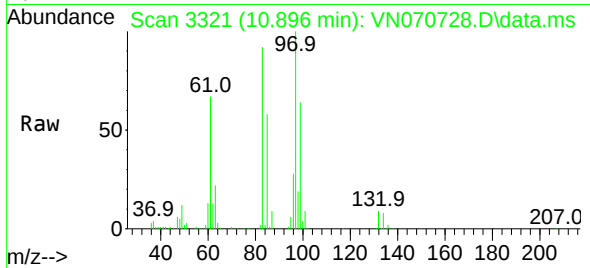
Tgt Ion: 75 Resp: 291727
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 54.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.376 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

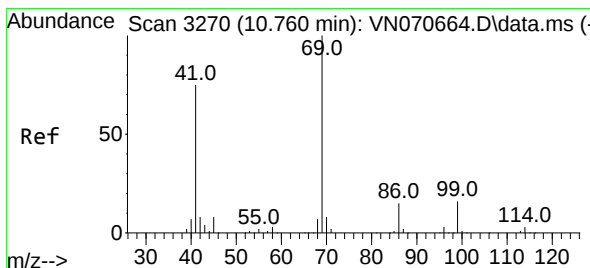
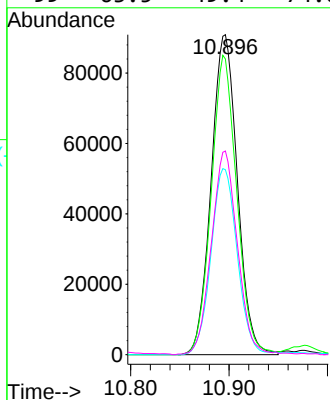
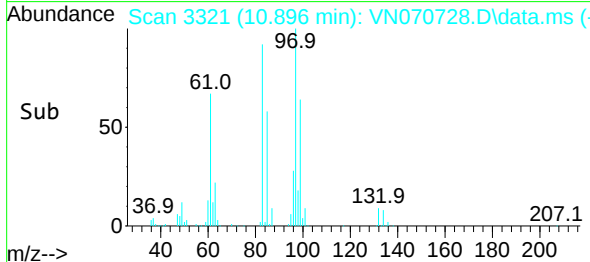
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



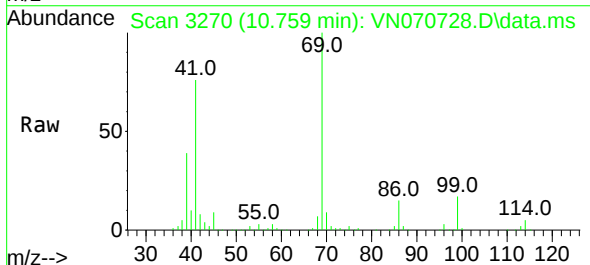
Tgt Ion: 97 Resp: 168597
Ion Ratio Lower Upper
97 100
83 92.4 67.8 101.6
85 57.8 45.4 68.2
99 63.5 49.4 74.0

Manual Integrations
APPROVED

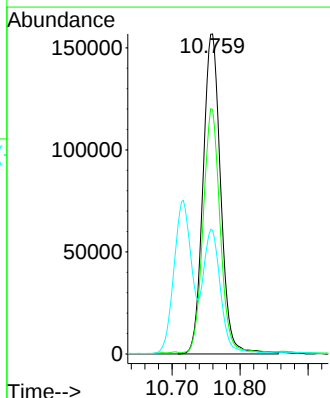
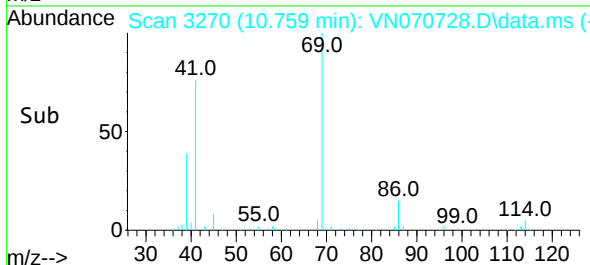
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#56
Ethyl methacrylate
Concen: 17.764 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



Tgt Ion: 69 Resp: 282814
Ion Ratio Lower Upper
69 100
41 73.2 51.4 77.0
39 37.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 18.971 ug/l

RT: 11.041 min Scan# 308128

Delta R.T. -0.003 min

Lab File: VN070728.D

Acq: 21 Jan 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tgt Ion: 76 Resp: 308128

Ion Ratio Lower Upper

76 100

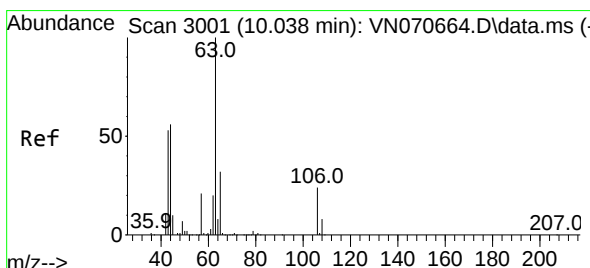
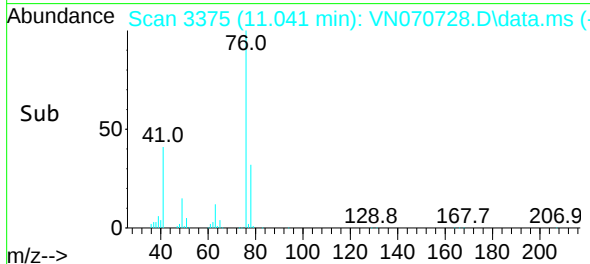
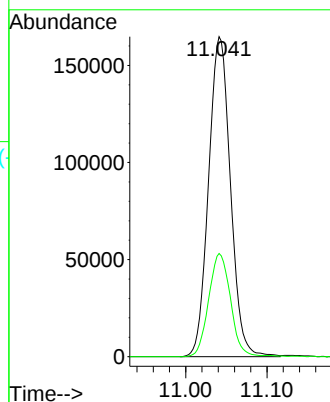
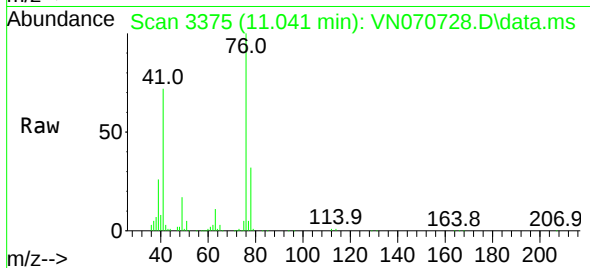
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 72.867 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VN070728.D

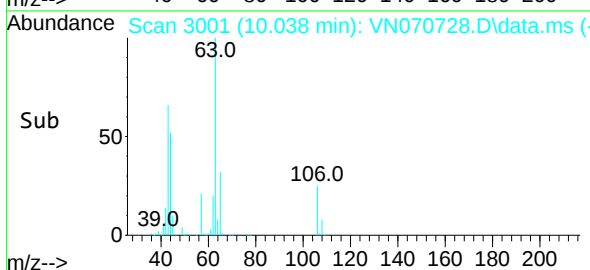
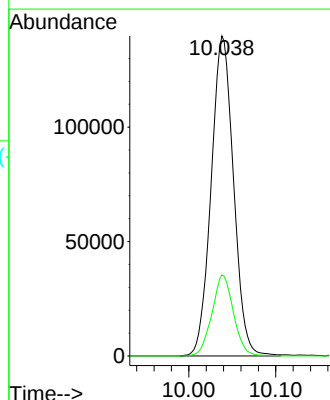
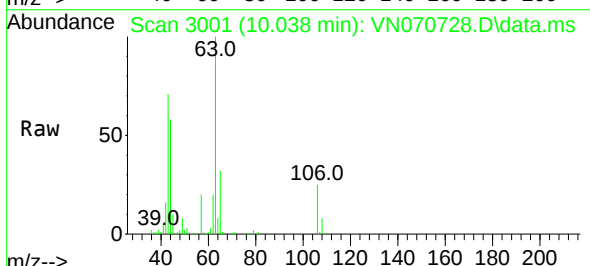
Acq: 21 Jan 2022 12:49

Tgt Ion: 63 Resp: 249754

Ion Ratio Lower Upper

63 100

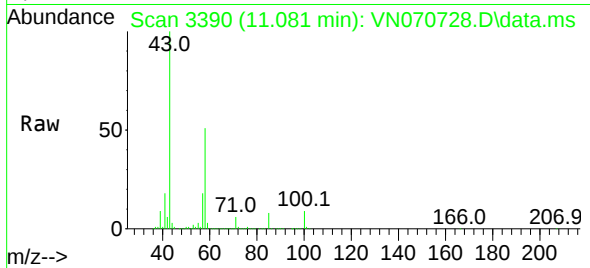
106 24.4 23.9 35.9





#59
2-Hexanone
Concen: 85.418 ug/l
RT: 11.081 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

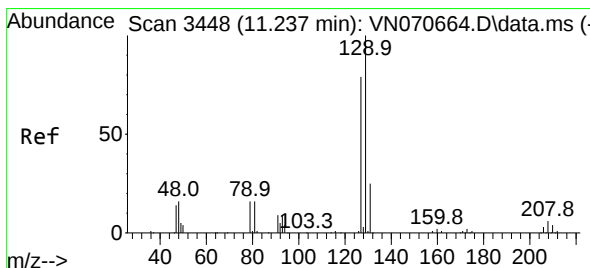
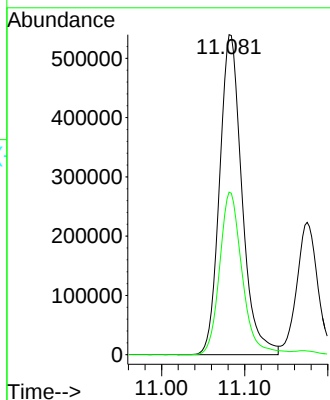
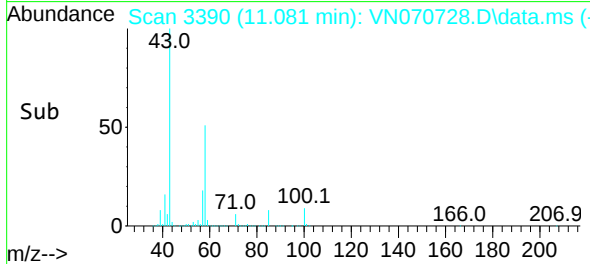
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 43 Resp: 101170
Ion Ratio Lower Upper
43 100
58 51.1 26.9 80.7

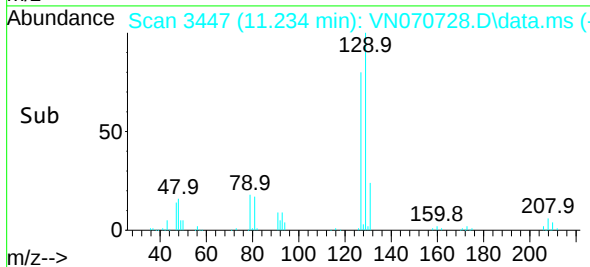
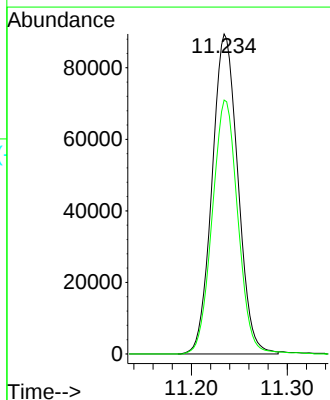
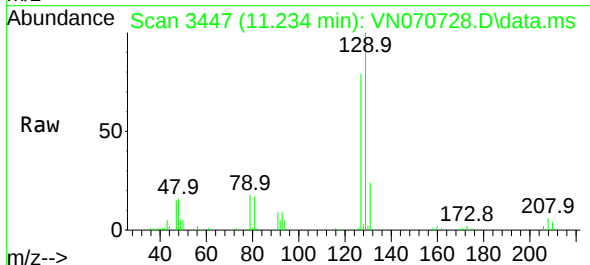
Manual Integrations
APPROVED

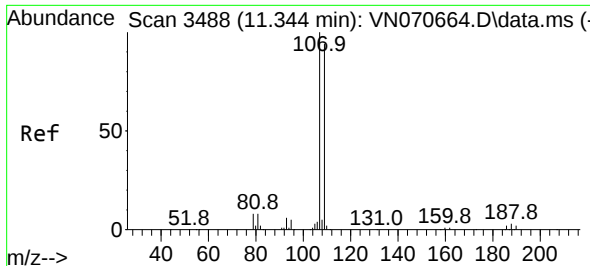
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#60
Dibromochloromethane
Concen: 19.547 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

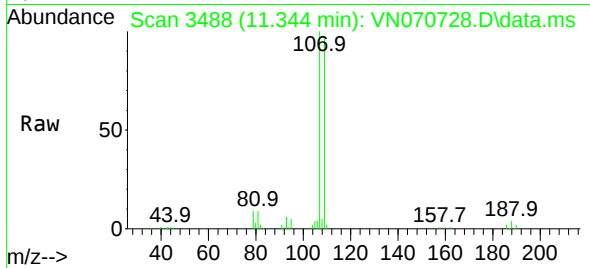
Tgt Ion:129 Resp: 167281
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.345 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

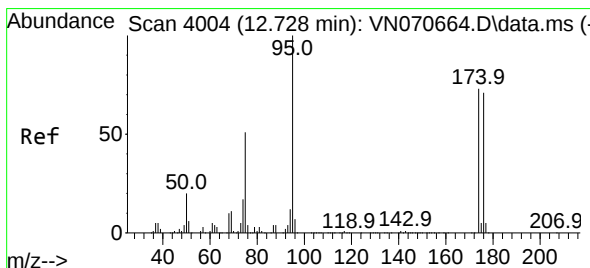
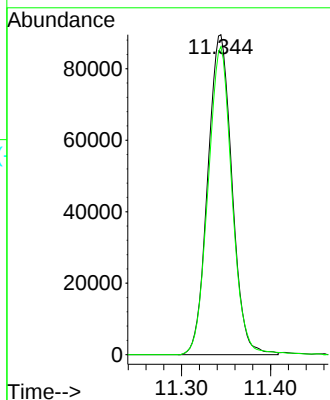
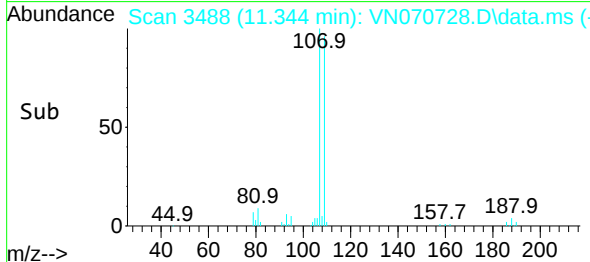
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



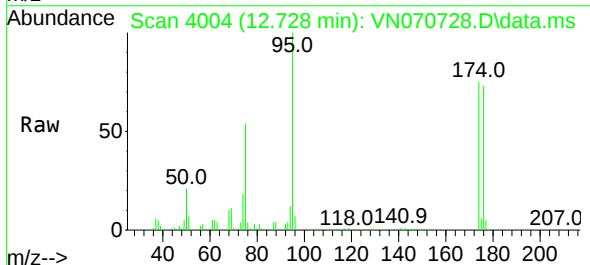
Tgt Ion:107 Resp: 16898
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5

Manual Integrations
APPROVED

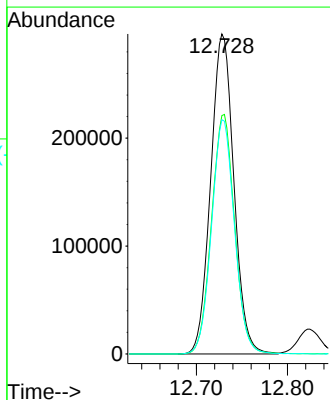
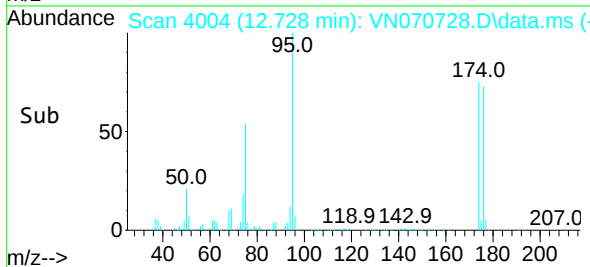
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

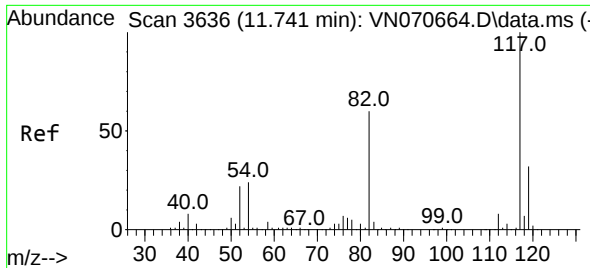


#62
4-Bromofluorobenzene
Concen: 46.623 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



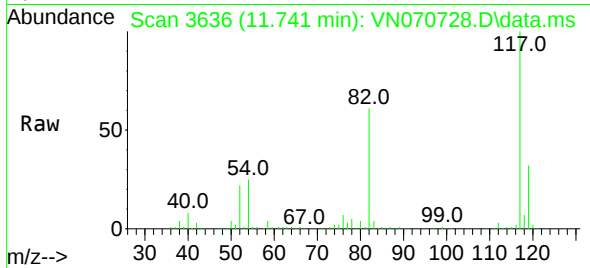
Tgt Ion: 95 Resp: 523853
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 72.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

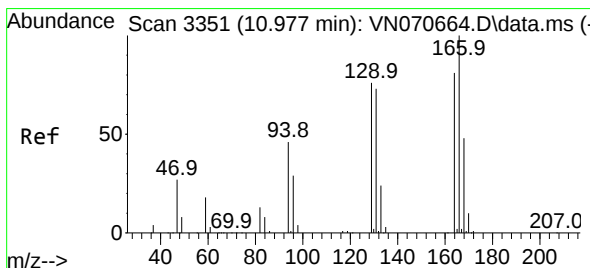
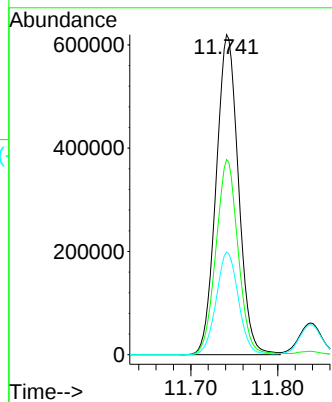
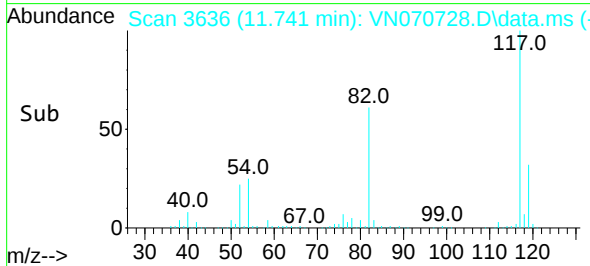
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion:117 Resp: 110451
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 32.1 25.4 38.2

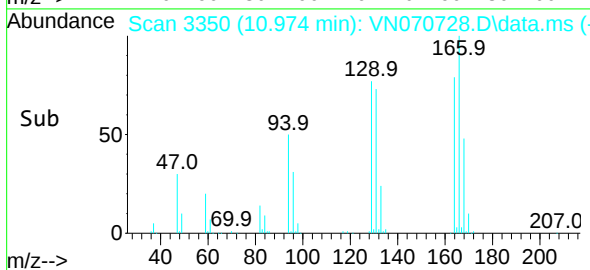
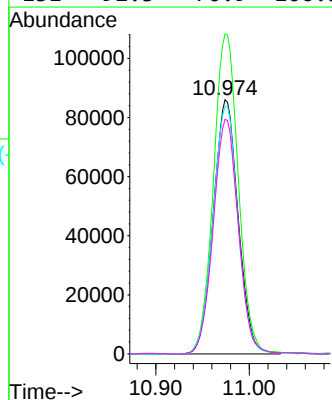
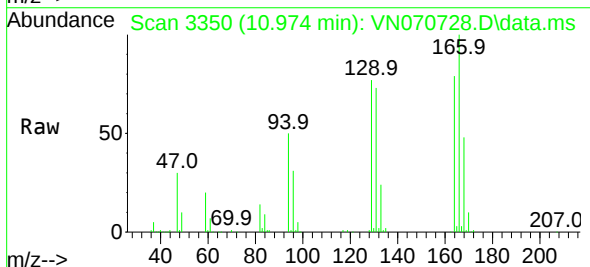
Manual Integrations
APPROVED

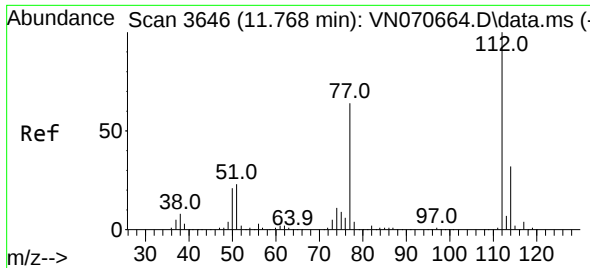
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#64
Tetrachloroethene
Concen: 19.637 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

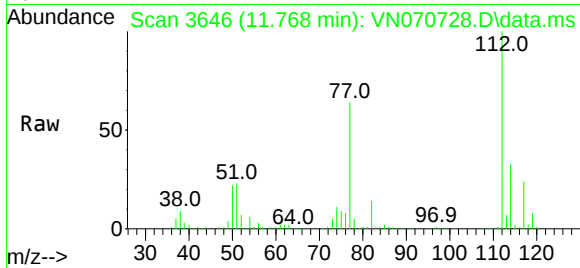
Tgt Ion:164 Resp: 159030
Ion Ratio Lower Upper
164 100
166 125.9 101.9 152.9
129 97.4 72.0 108.0
131 92.3 70.9 106.3





#65
Chlorobenzene
Concen: 19.151 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

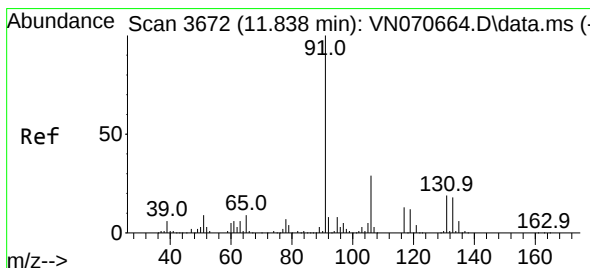
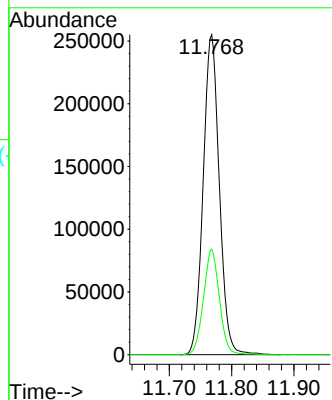
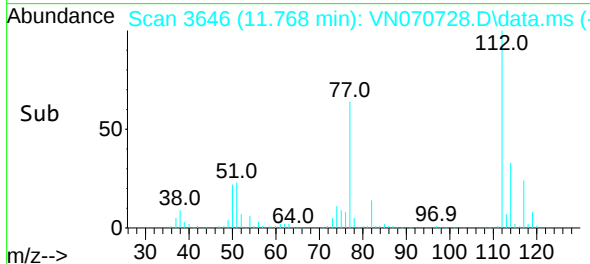
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



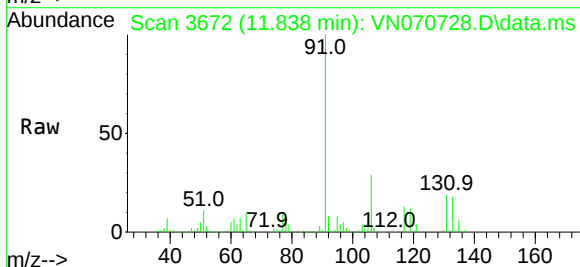
Tgt Ion:112 Resp: 458295
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0

Manual Integrations
APPROVED

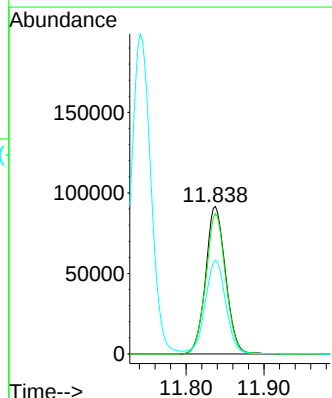
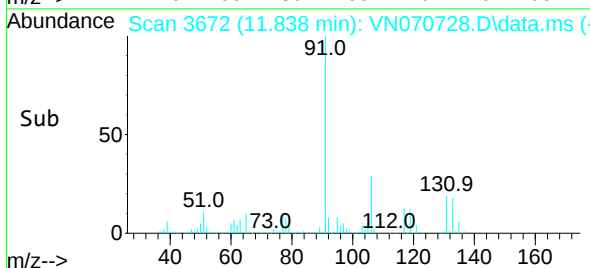
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

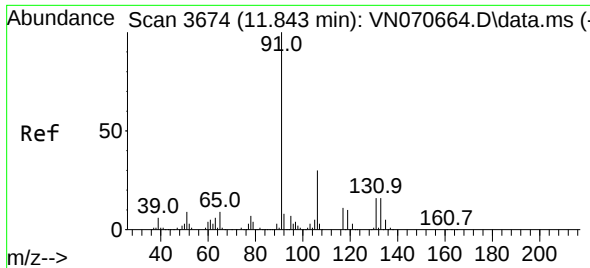


#66
1,1,1,2-Tetrachloroethane
Concen: 19.792 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



Tgt Ion:131 Resp: 163100
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 64.8 32.1 96.5





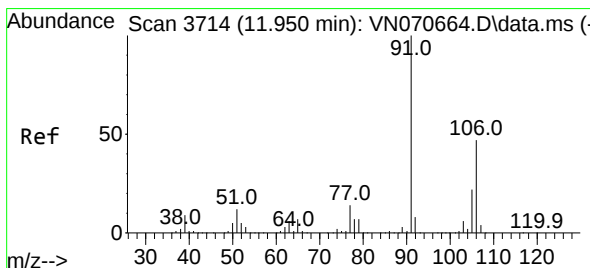
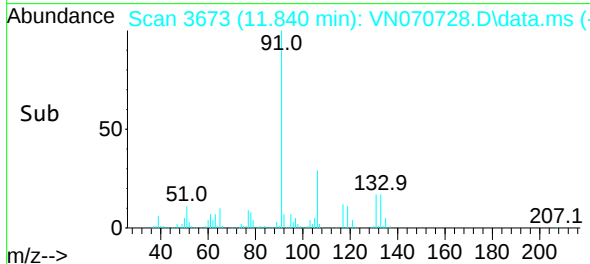
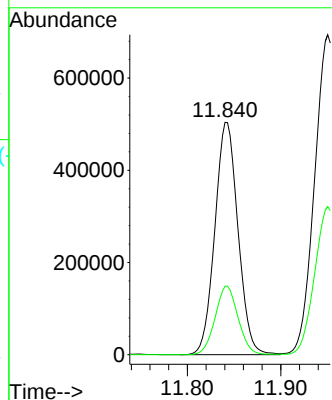
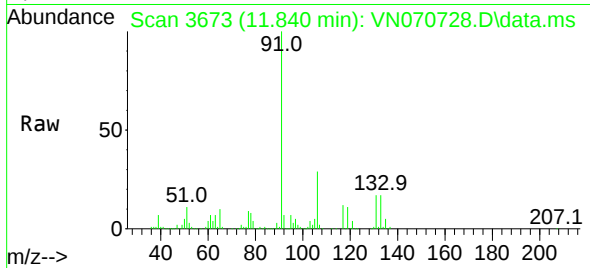
#67
Ethyl Benzene
Concen: 19.556 ug/l
RT: 11.840 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tgt Ion: 91 Resp: 86765
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

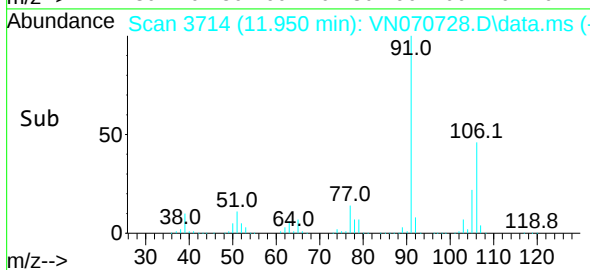
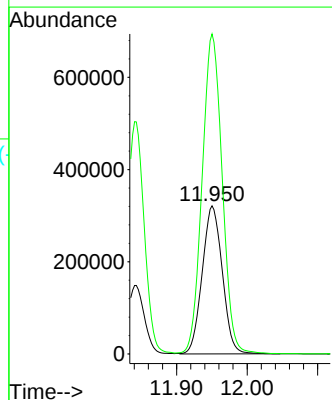
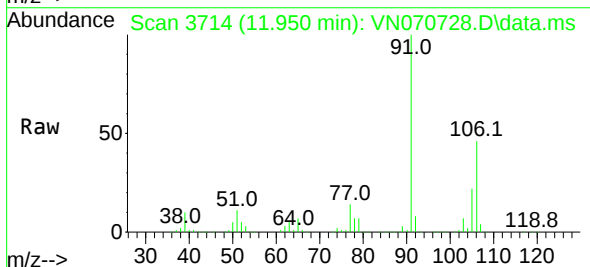
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#68
m/p-Xylenes
Concen: 39.301 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

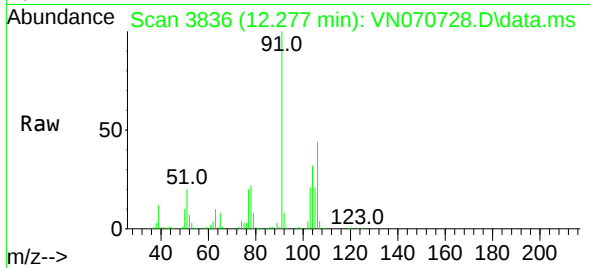
Tgt Ion:106 Resp: 634340
Ion Ratio Lower Upper
106 100
91 215.9 160.6 240.8





#69
o-Xylene
Concen: 19.333 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

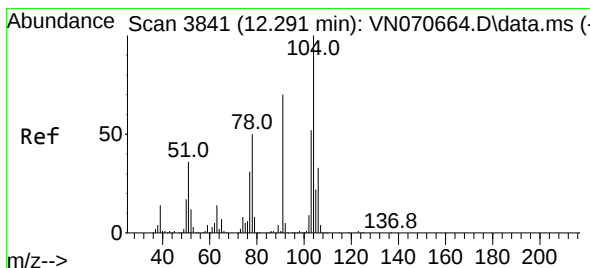
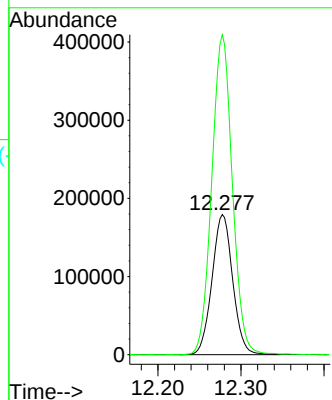
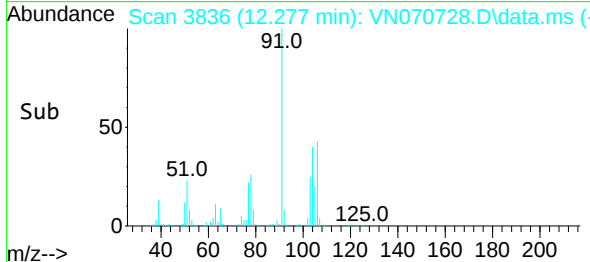
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion:106 Resp: 309663
Ion Ratio Lower Upper
106 100
91 228.0 105.8 317.3

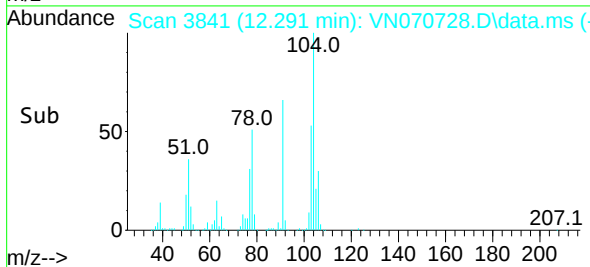
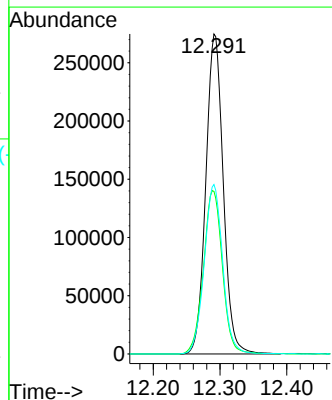
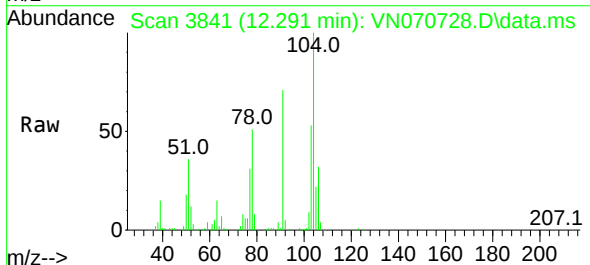
Manual Integrations
APPROVED

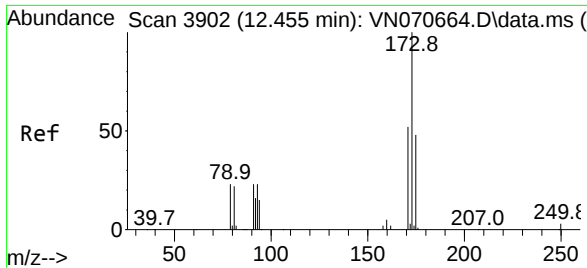
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#70
Styrene
Concen: 19.485 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

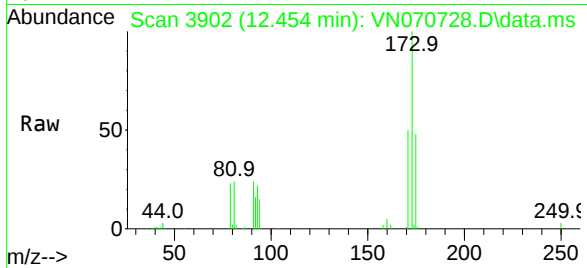
Tgt Ion:104 Resp: 499286
Ion Ratio Lower Upper
104 100
78 55.4 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 18.981 ug/l
RT: 12.454 min Scan# 3902
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

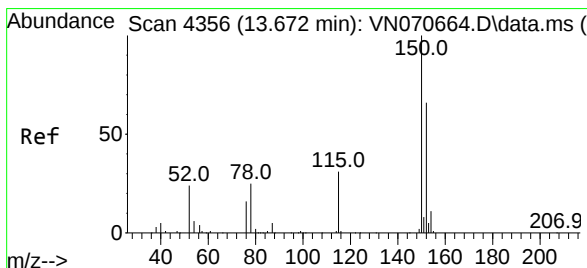
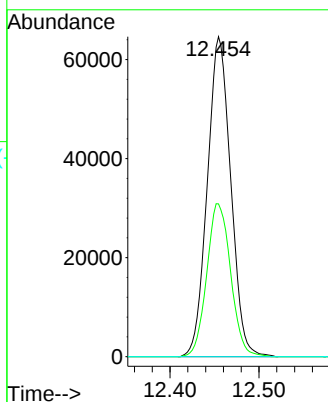
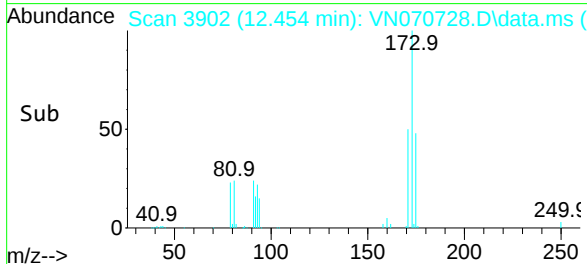
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



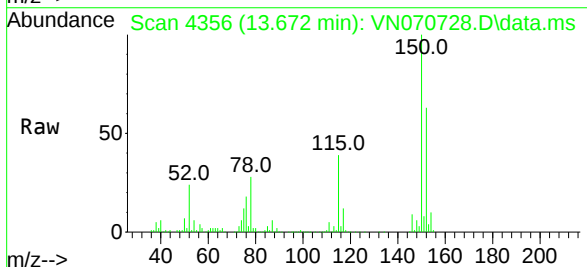
Tgt Ion:173 Resp: 118150
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

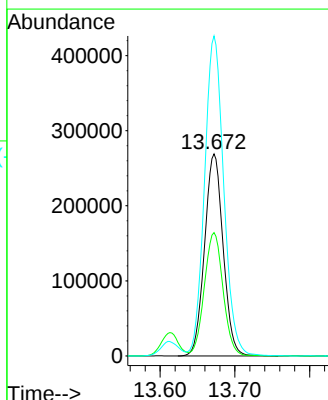
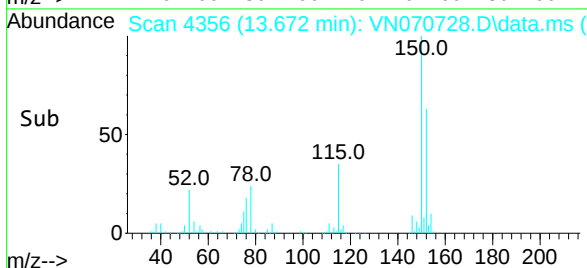
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

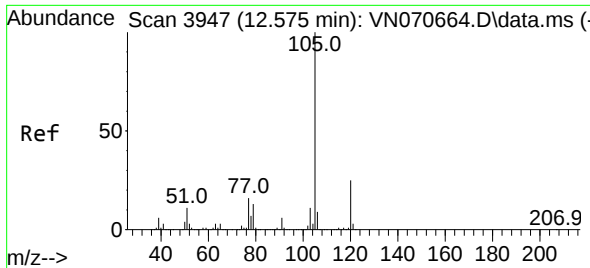


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



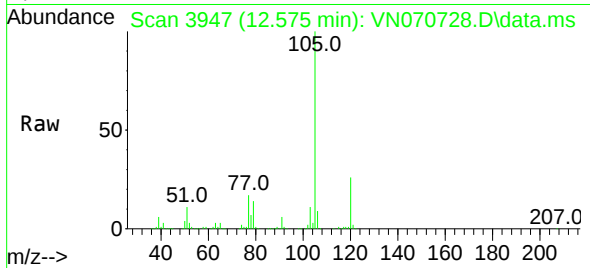
Tgt Ion:152 Resp: 465177
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 163.7 0.0 344.4





#73
Isopropylbenzene
Concen: 18.730 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

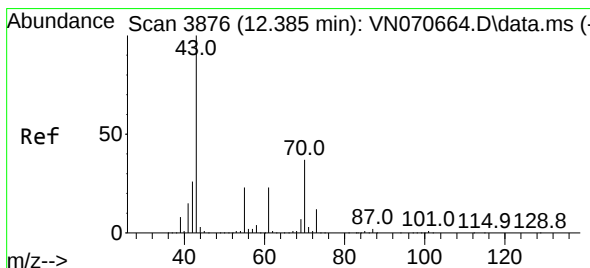
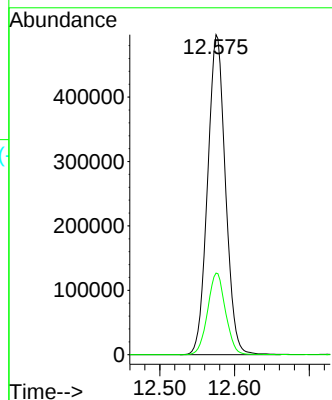
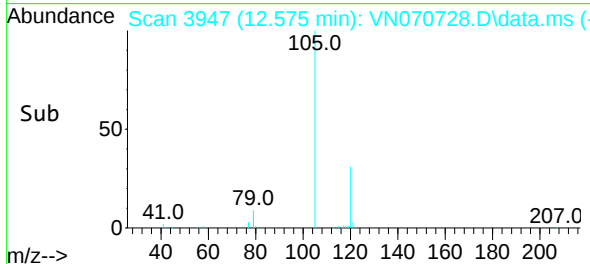
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



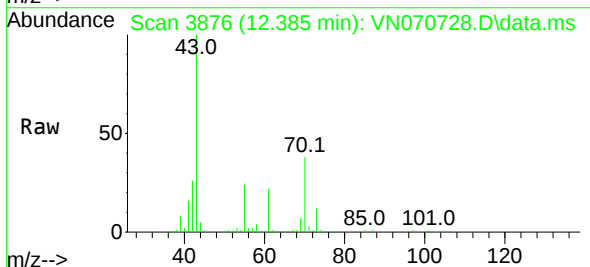
Tgt Ion:105 Resp: 82427
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

Manual Integrations
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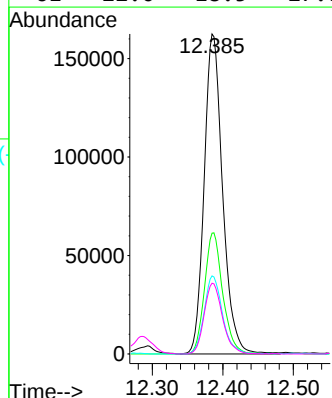
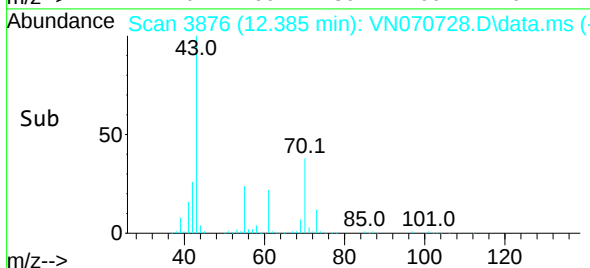
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

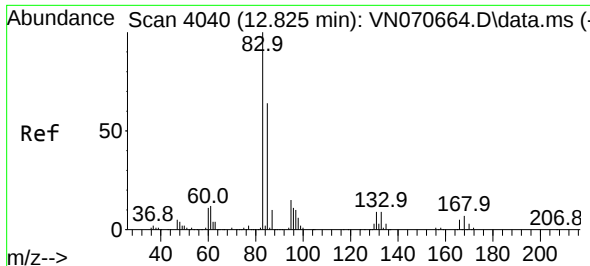


#74
N-ethyl acetate
Concen: 16.390 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



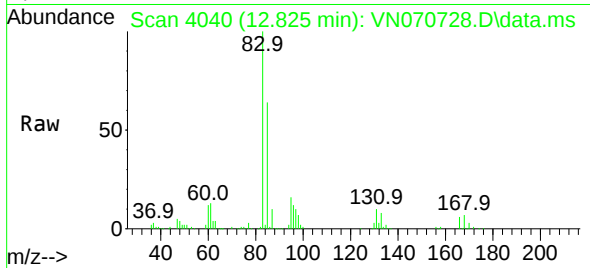
Tgt Ion: 43 Resp: 294918
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 24.3 19.3 28.9
61 22.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.324 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

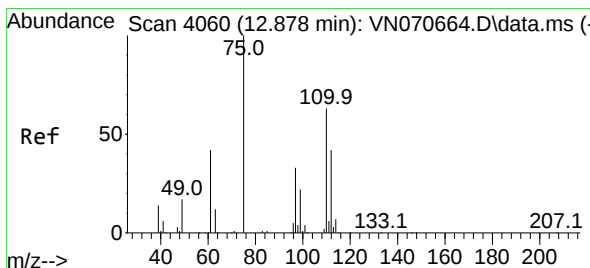
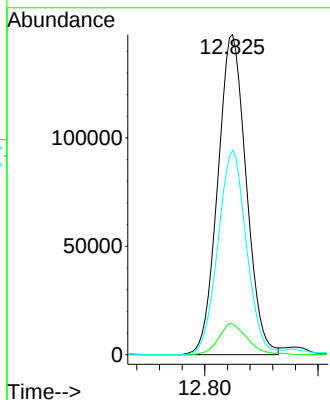
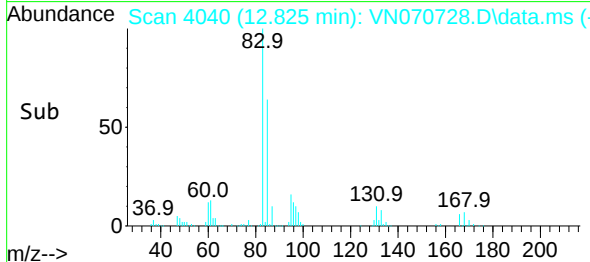
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



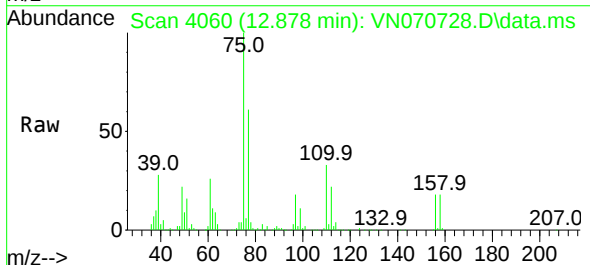
Tgt Ion: 83 Resp: 257470
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

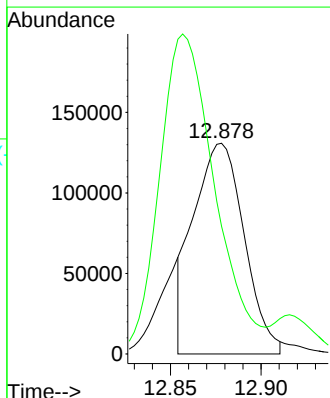
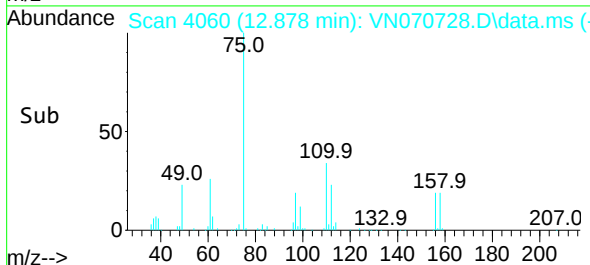
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

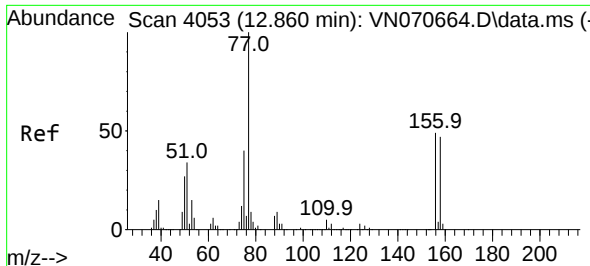


#76
1,2,3-Trichloropropane
Concen: 20.690 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



Tgt Ion: 75 Resp: 255272
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





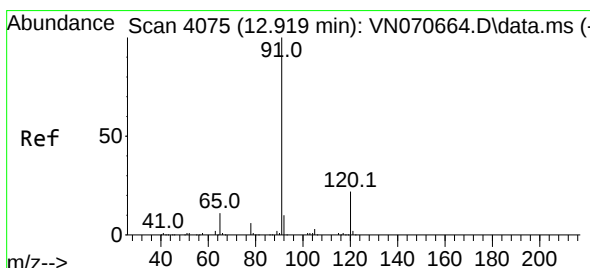
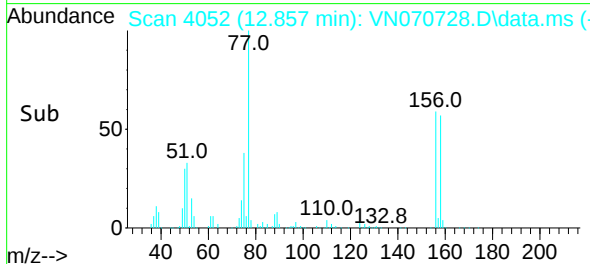
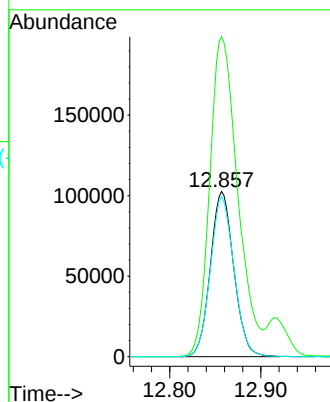
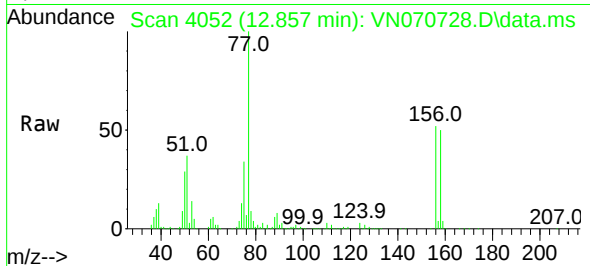
#77
Bromobenzene
Concen: 18.537 ug/l
RT: 12.857 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tgt Ion:156 Resp: 18290
Ion Ratio Lower Upper
156 100
77 231.3 90.6 271.8
158 97.7 48.9 146.7

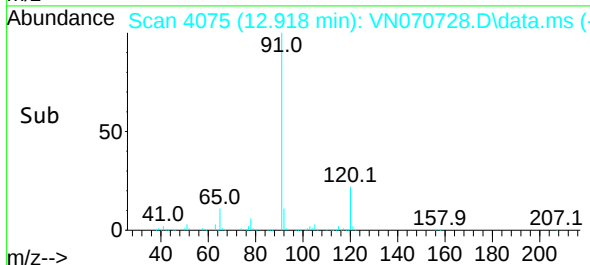
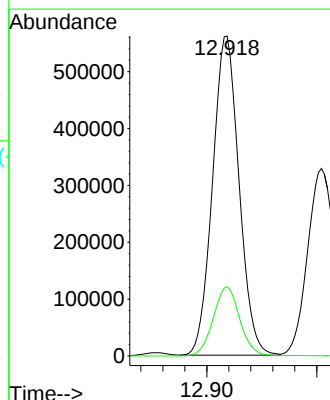
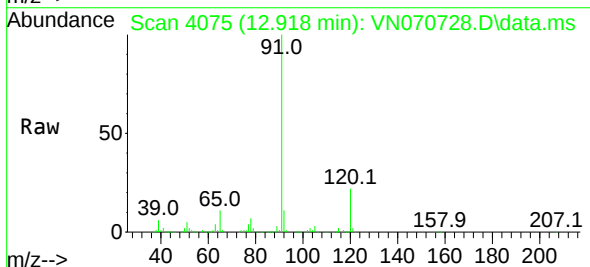
Manual Integrations
APPROVED

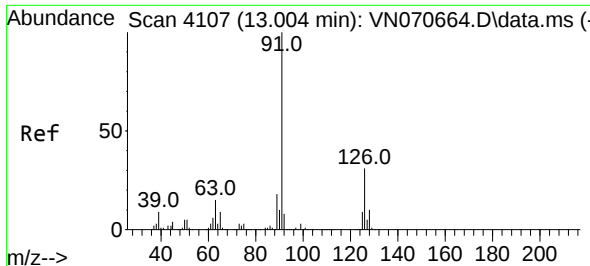
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#78
n-propylbenzene
Concen: 19.053 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

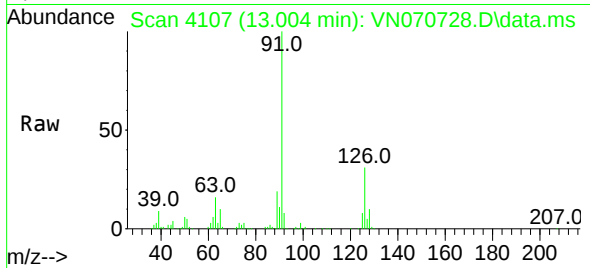
Tgt Ion: 91 Resp: 937724
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





#79
2-Chlorotoluene
Concen: 18.525 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

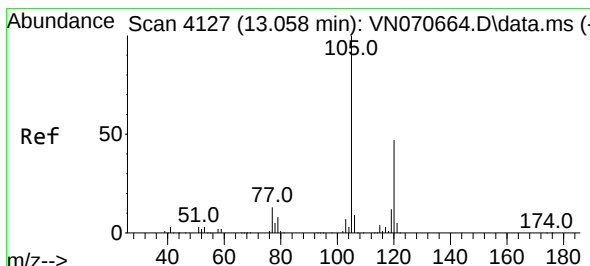
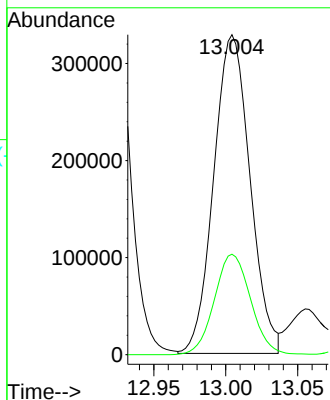
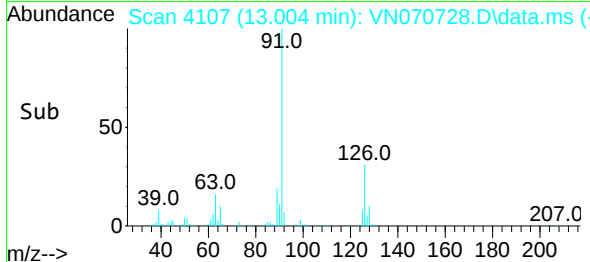
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



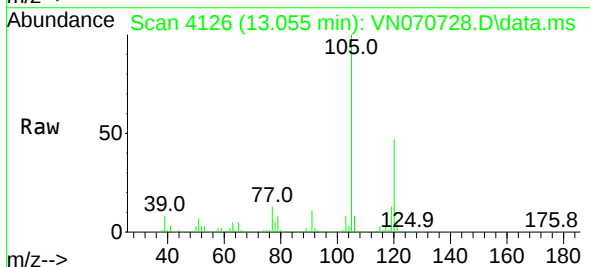
Tgt Ion: 91 Resp: 57675
Ion Ratio Lower Upper
91 100
126 31.5 18.3 54.8

Manual Integrations
APPROVED

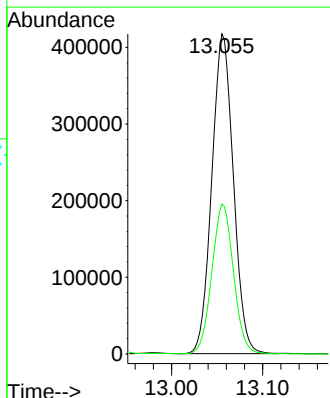
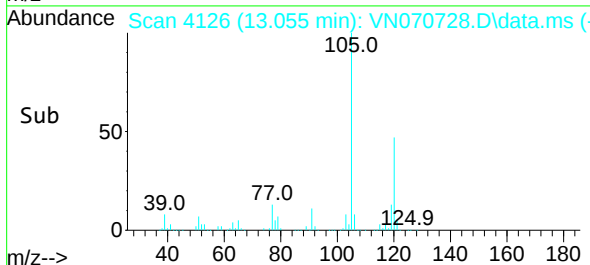
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

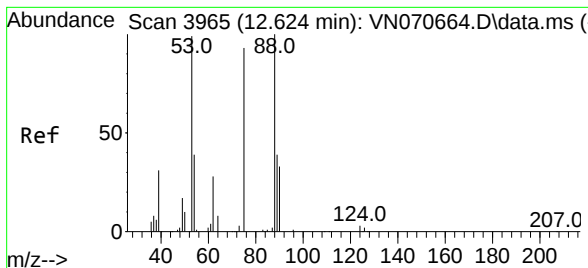


#80
1,3,5-Trimethylbenzene
Concen: 19.251 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



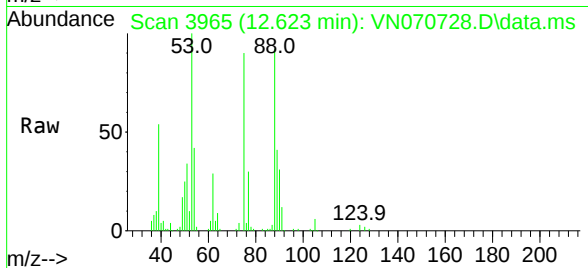
Tgt Ion:105 Resp: 685114
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.611 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

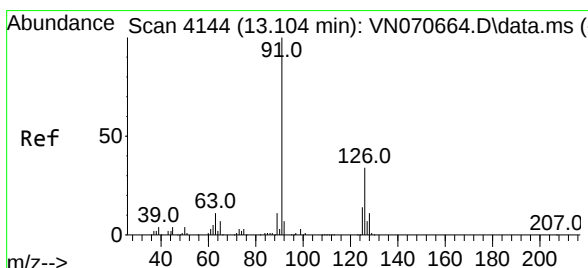
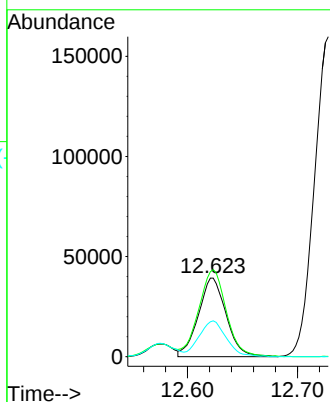
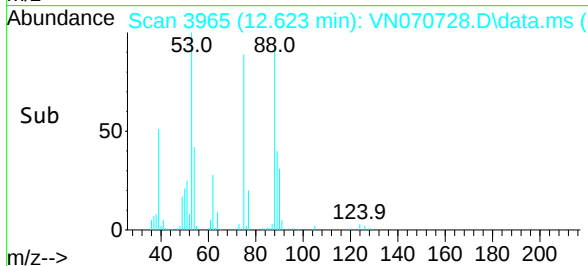
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



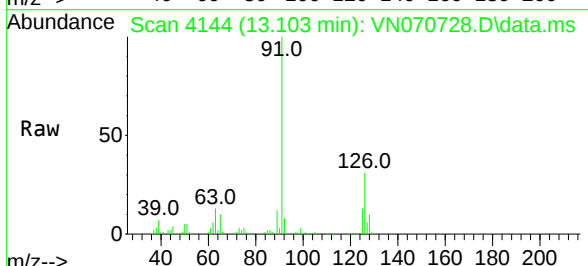
Tgt Ion: 75 Resp: 6879
Ion Ratio Lower Upper
75 100
53 110.8 90.5 135.7
89 44.8 38.2 57.4

Manual Integrations
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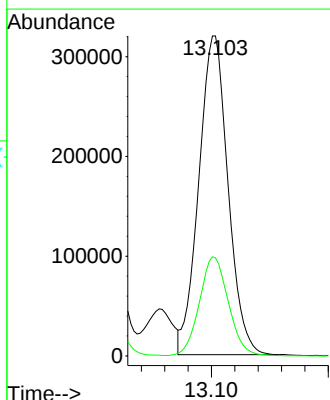
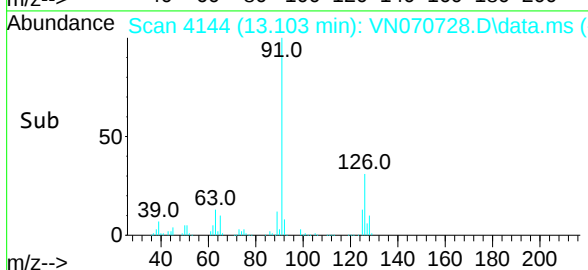
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

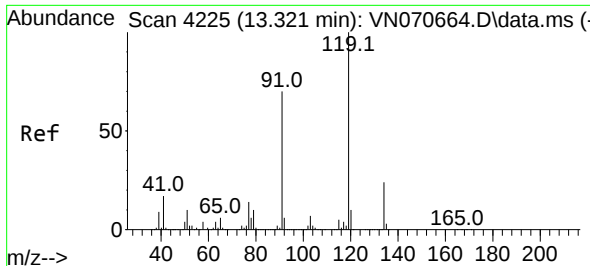


#82
4-Chlorotoluene
Concen: 19.064 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



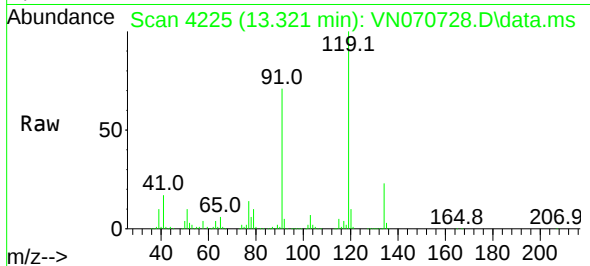
Tgt Ion: 91 Resp: 554556
Ion Ratio Lower Upper
91 100
126 30.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.937 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

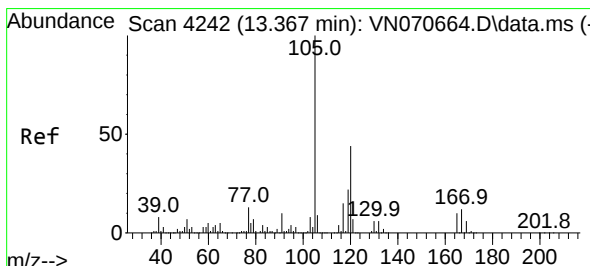
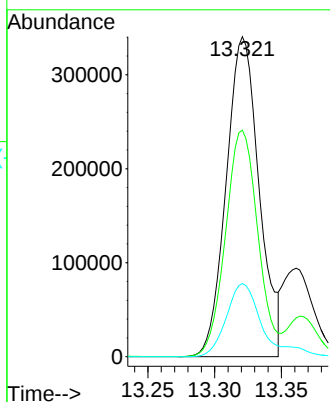
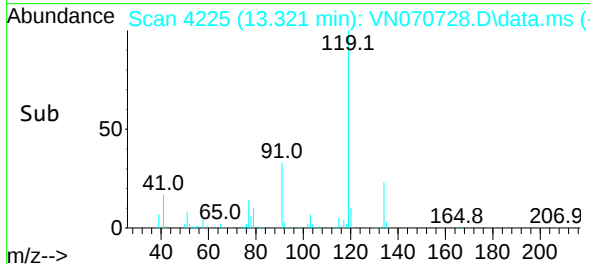
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



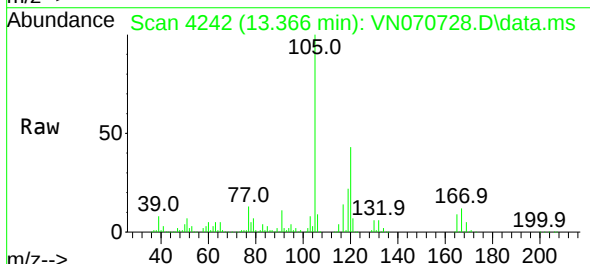
Tgt Ion:119 Resp: 586658
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 24.9 12.4 37.4

Manual Integrations
APPROVED

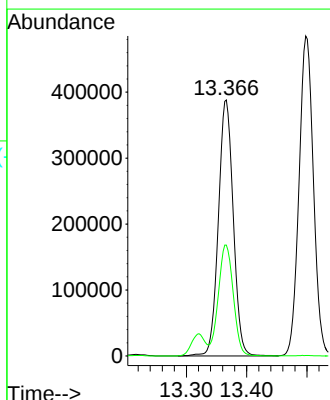
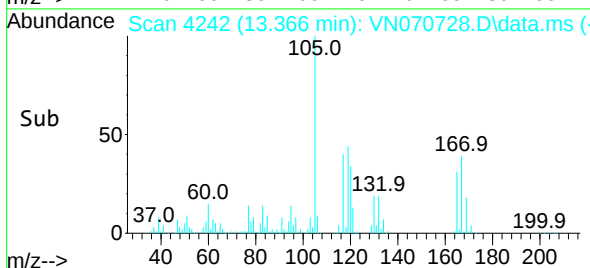
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

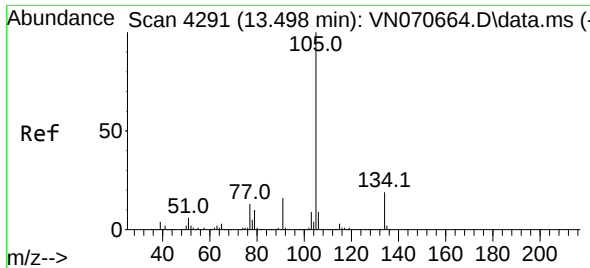


#84
1,2,4-Trimethylbenzene
Concen: 19.452 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



Tgt Ion:105 Resp: 665431
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





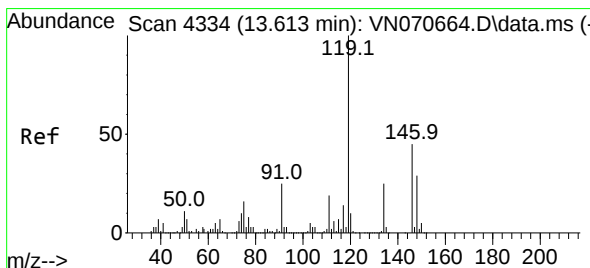
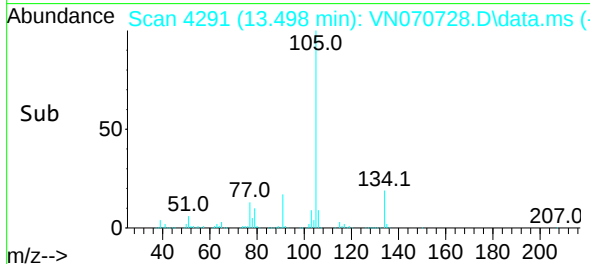
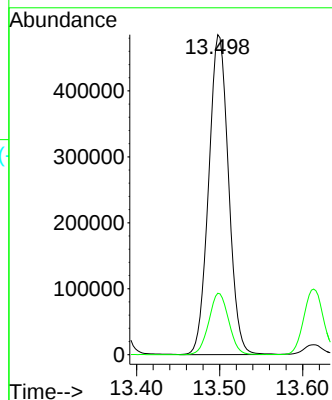
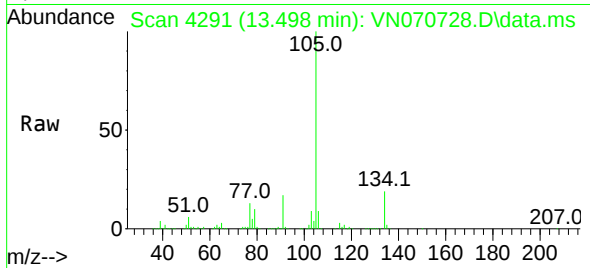
#85
 sec-Butylbenzene
 Concen: 19.097 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070728.D
 Acq: 21 Jan 2022 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tgt Ion:105 Resp: 804292
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

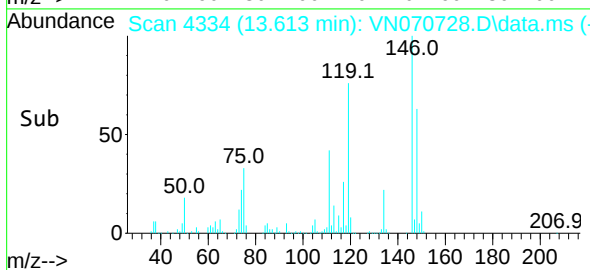
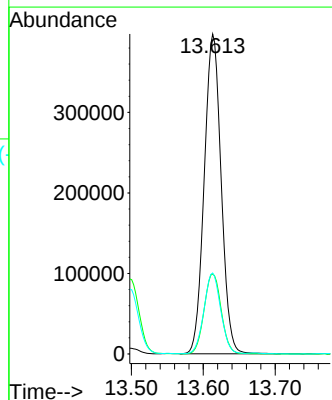
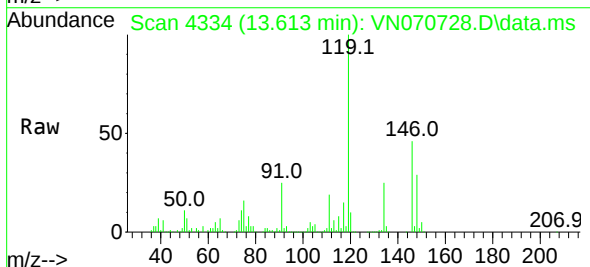
Manual Integrations
 APPROVED

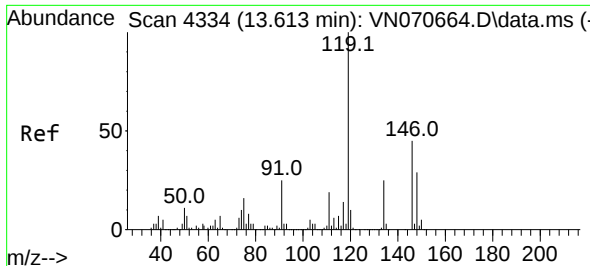
Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022



#86
 p-Isopropyltoluene
 Concen: 19.653 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070728.D
 Acq: 21 Jan 2022 12:49

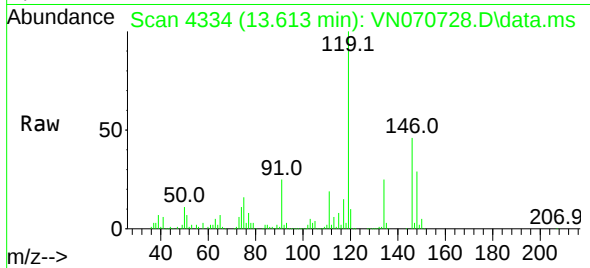
Tgt Ion:119 Resp: 650220
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.102 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

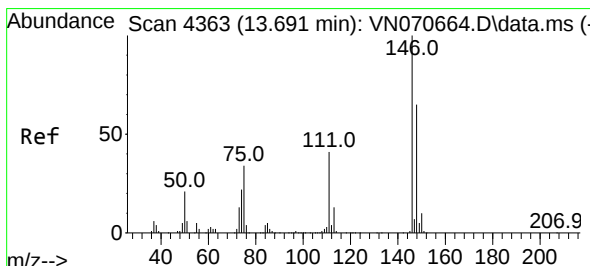
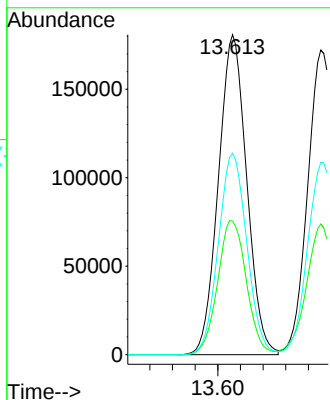
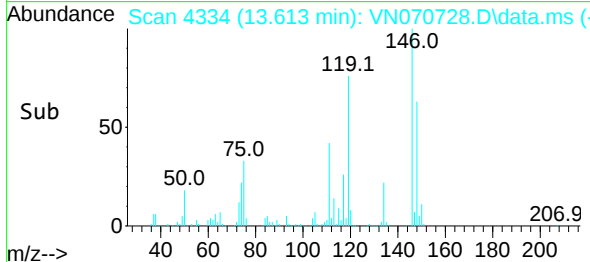
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



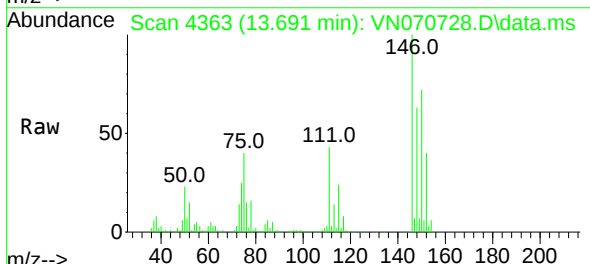
Tgt Ion:146 Resp: 313532
Ion Ratio Lower Upper
146 100
111 42.6 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
APPROVED

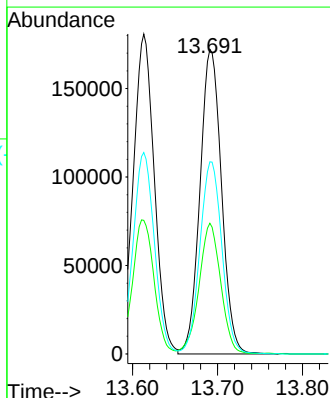
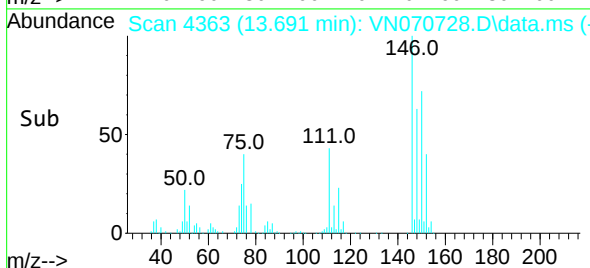
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

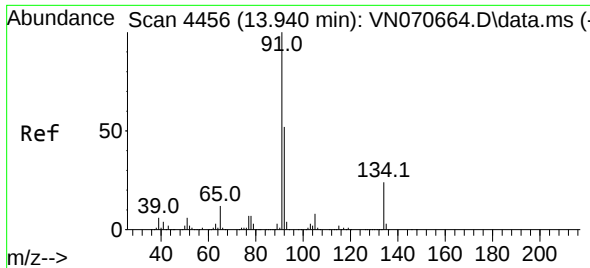


#88
1,4-Dichlorobenzene
Concen: 18.591 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



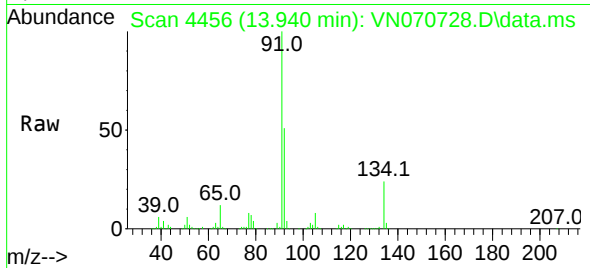
Tgt Ion:146 Resp: 303676
Ion Ratio Lower Upper
146 100
111 42.9 18.3 54.8
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 18.969 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

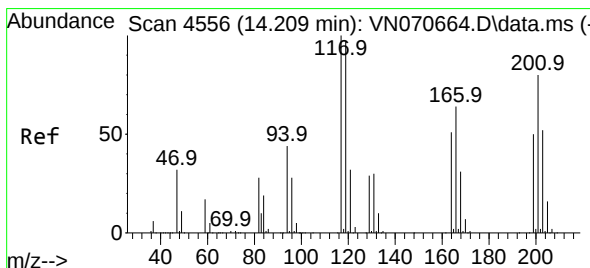
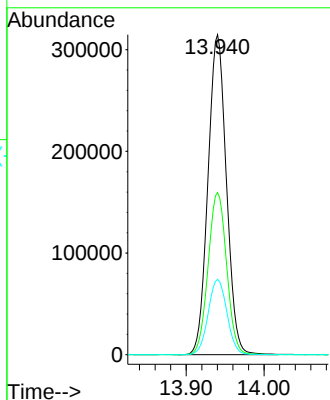
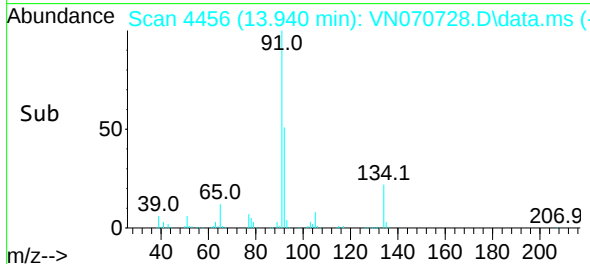
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



Tgt Ion: 91 Resp: 51772
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 23.9 13.6 40.8

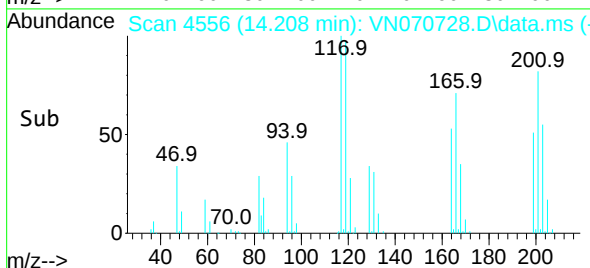
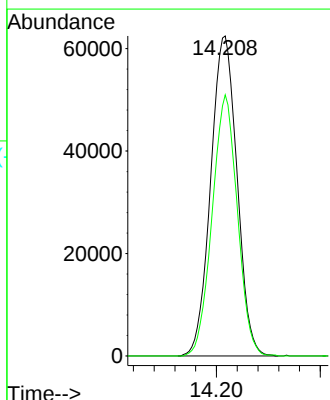
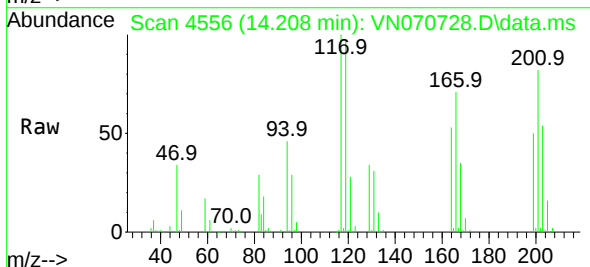
Manual Integrations
APPROVED

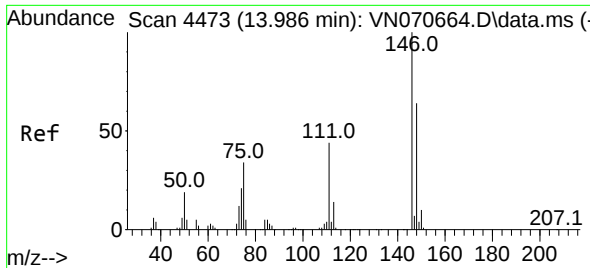
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#90
Hexachloroethane
Concen: 19.014 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

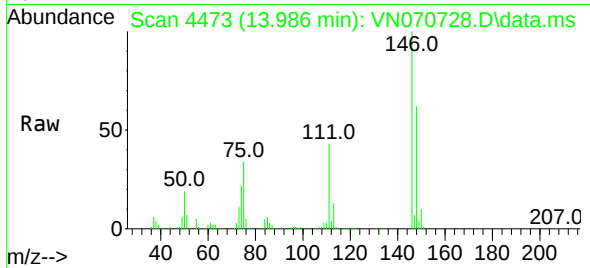
Tgt Ion:117 Resp: 109965
Ion Ratio Lower Upper
117 100
201 78.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.508 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

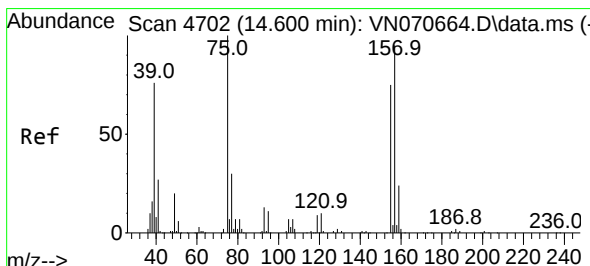
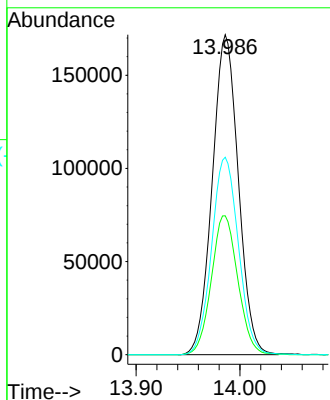
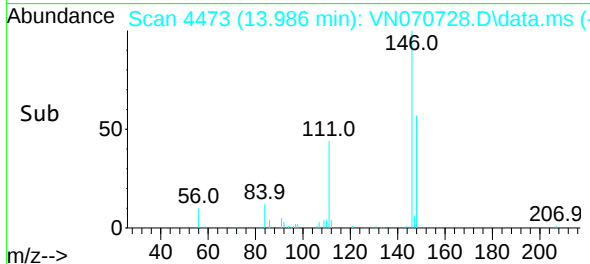
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



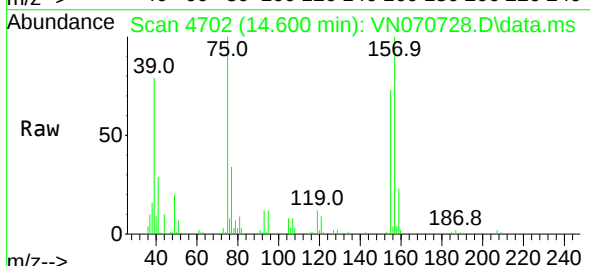
Tgt Ion:146 Resp: 300129
Ion Ratio Lower Upper
146 100
111 44.1 19.1 57.3
148 63.6 32.1 96.3

Manual Integrations
APPROVED

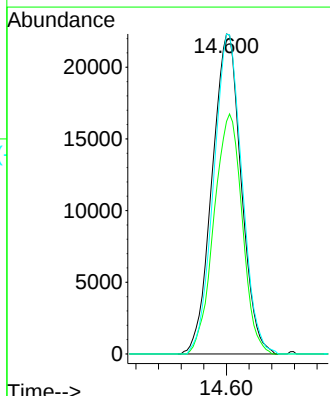
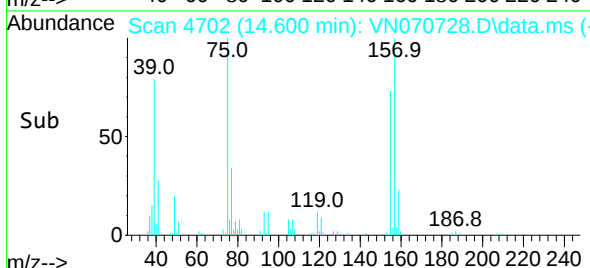
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

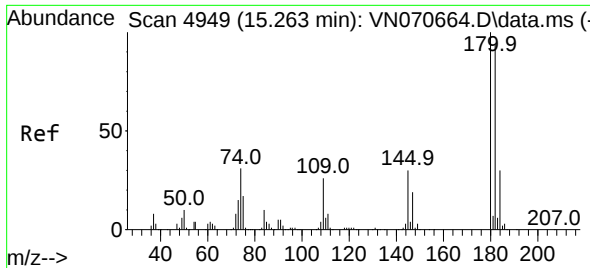


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.735 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



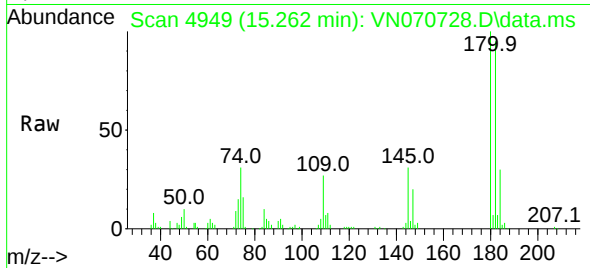
Tgt Ion: 75 Resp: 39669
Ion Ratio Lower Upper
75 100
155 73.1 46.9 140.7
157 97.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.421 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

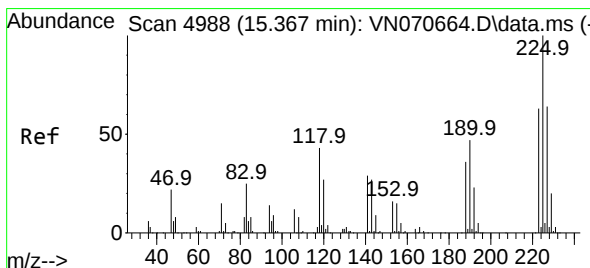
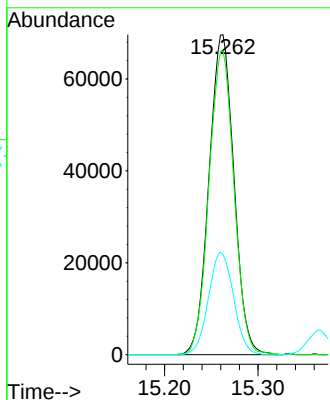
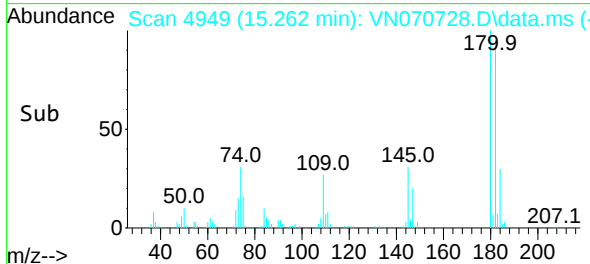
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



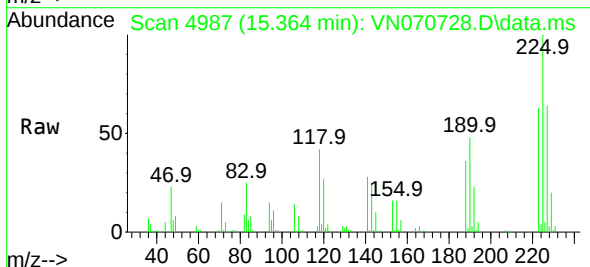
Tgt Ion:180 Resp: 12912
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 32.2 14.5 43.5

Manual Integrations
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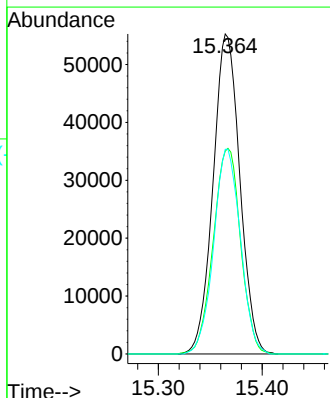
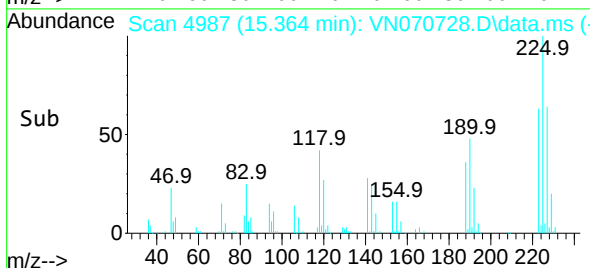
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

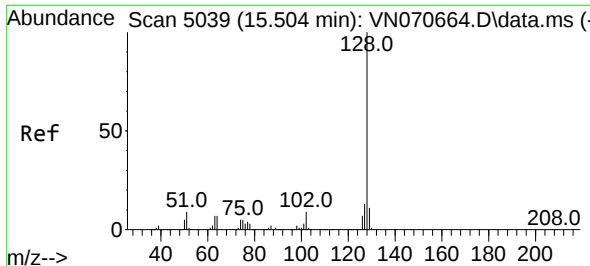


#94
Hexachlorobutadiene
Concen: 20.637 ug/l
RT: 15.364 min Scan# 4987
Delta R.T. -0.003 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



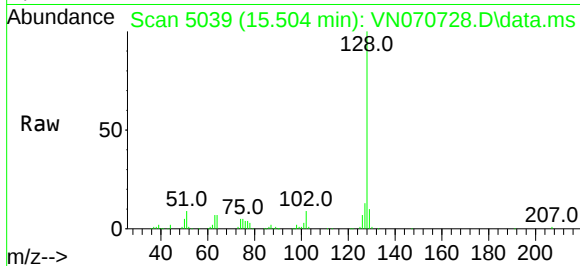
Tgt Ion:225 Resp: 99117
Ion Ratio Lower Upper
225 100
223 65.6 31.9 95.7
227 63.9 32.1 96.3





#95
Naphthalene
Concen: 15.393 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49

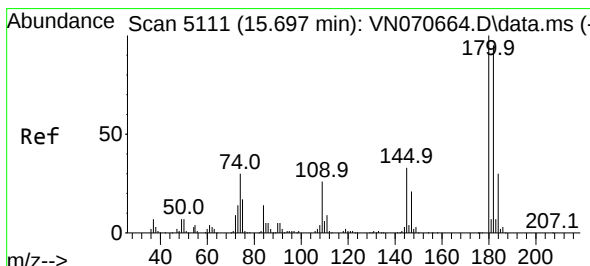
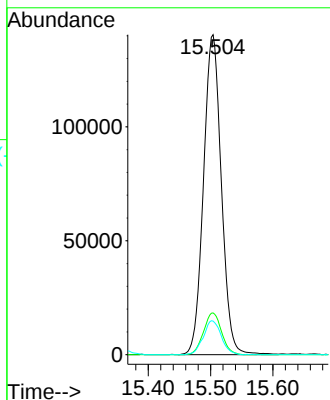
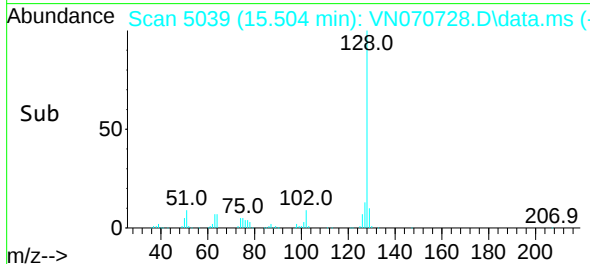
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01



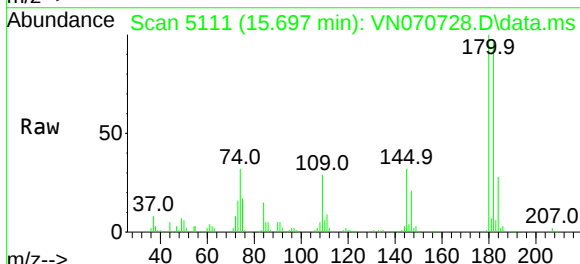
Tgt Ion:128 Resp: 279619
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.978 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.000 min
Lab File: VN070728.D
Acq: 21 Jan 2022 12:49



Tgt Ion:180 Resp: 120829
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 31.9 15.0 45.1

