

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073078.D
 Acq On : 24 Jun 2022 12:45
 Operator : JC\MD
 Sample : VN0624WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 23:33:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	40520	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	213475	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	197814	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	116757	29.891	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.633%		
60) 4-Bromofluorobenzene	12.668	95	110780	29.271	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.567%		
63) Toluene-d8	10.374	98	318884	29.769	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.233%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	55949	17.502	ug/l	96
3) Chloromethane	2.269	50	57789	19.025	ug/l	93
4) Vinyl Chloride	2.410	62	45955	16.903	ug/l	99
5) Bromomethane	2.804	94	22282	24.890	ug/l	94
6) Chloroethane	2.969	64	30411	18.129	ug/l	95
7) Trichlorofluoromethane	3.316	101	81487	16.512	ug/l	94
8) Diethyl Ether	3.763	74	39853	19.732	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.140	101	45949	16.854	ug/l #	68
10) 1,1-Dichloroethene	4.116	96	45284	16.229	ug/l	100
11) Methyl Iodide	4.351	142	43065	16.180	ug/l	92
12) Methyl Acetate	4.781	43	112510	19.363	ug/l	91
13) Acrolein	3.987	56	81120	138.508	ug/l	95
14) Acrylonitrile	5.475	53	225133	101.700	ug/l	98
15) Acetone	4.222	58	60389	98.898	ug/l	94
16) Carbon Disulfide	4.463	76	120746	16.411	ug/l	96
17) Allyl chloride	4.757	41	104145	19.664	ug/l	81
18) Methylene Chloride	5.016	84	63974	19.225	ug/l	93
19) trans-1,2-Dichloroethene	5.510	96	52510	17.834	ug/l	92
20) Diisopropyl ether	6.416	45	214637	19.262	ug/l	92
21) 1,1-Dichloroethane	6.310	63	104604	17.891	ug/l	99
22) cis-1,2-Dichloroethene	7.245	96	64998	18.564	ug/l	97
23) tert-Butyl Alcohol	5.292	59	89766	99.309	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	203015	19.505	ug/l	100
25) Chloroform	7.745	83	109608	18.839	ug/l	99
26) Cyclohexane	8.022	56	82736	16.163	ug/l #	94
29) 1,1-Dichloropropene	8.145	75	69787	18.081	ug/l	97
30) 2-Butanone	7.257	43	327673	110.236	ug/l	94
31) 2,2-Dichloropropane	7.245	77	79012	41.822	ug/l	100
32) 1,1,1-Trichloroethane	7.945	97	88575	18.677	ug/l	98
33) Carbon Tetrachloride	8.133	117	71258	17.771	ug/l	99
34) Benzene	8.386	78	241308	20.087	ug/l #	94
35) Methacrylonitrile	7.563	41	63646	24.068	ug/l	89
36) 1,2-Dichloroethane	8.463	62	93586	21.019	ug/l	99
37) Trichloroethene	9.145	130	56833	19.010	ug/l	98
38) Methylcyclohexane	9.392	83	85586	18.723	ug/l	92
39) 1,2-Dichloropropane	9.422	63	62358	20.074	ug/l	99
40) Dibromomethane	9.510	93	43795	20.835	ug/l	94
41) Bromodichloromethane	9.698	83	86841	20.534	ug/l	98
42) Vinyl Acetate	6.351	43	1029958	112.067	ug/l	98

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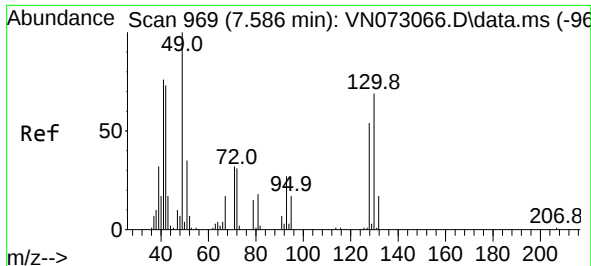
Manual Integrations
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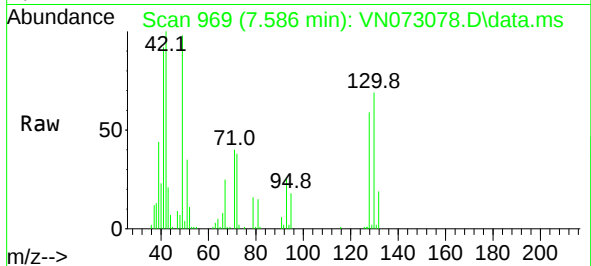
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.333	43	132954	23.750	ug/l	98
44) Isopropyl Acetate	8.492	43	193831	22.422	ug/l	96
45) 1,4-Dioxane	9.498	88	35797	464.809	ug/l	92
46) Methyl methacrylate	9.492	41	82104	20.873	ug/l	83
47) n-amyl Acetate	12.327	43	145994	21.074	ug/l	98
48) t-1,3-Dichloropropene	10.657	75	93073	23.530	ug/l	95
49) cis-1,3-Dichloropropene	10.122	75	98314	22.953	ug/l	95
50) 1,1,2-Trichloroethane	10.833	97	64840	21.293	ug/l	99
51) Ethyl methacrylate	10.698	69	109683	21.268	ug/l	91
52) 1,3-Dichloropropane	10.980	76	110944	21.181	ug/l	99
53) Dibromochloromethane	11.174	129	64872	20.489	ug/l	100
54) 1,2-Dibromoethane	11.280	107	68272	21.345	ug/l	99
55) 2-Chloroethyl vinyl ether	9.974	63	245961	111.656	ug/l	99
56) Bromoform	12.392	173	45622	19.671	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	614800	106.856	ug/l	97
59) 2-Hexanone	11.021	43	473724	107.795	ug/l	98
61) Tetrachloroethene	10.910	164	48439	18.939	ug/l	91
62) Toluene	10.439	91	249491	18.973	ug/l	97
64) Chlorobenzene	11.704	112	153555	19.408	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.780	131	59911	19.933	ug/l	100
66) Ethyl Benzene	11.780	91	272727	18.826	ug/l	99
67) m/p-Xylenes	11.886	106	208478	38.389	ug/l	99
68) o-Xylene	12.216	106	107982	19.690	ug/l	98
69) Styrene	12.227	104	169468	19.305	ug/l	98
70) Isopropylbenzene	12.515	105	258358	18.409	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.763	83	103198	21.298	ug/l	98
72) 1,2,3-Trichloropropane	12.815	75	82477m	22.199	ug/l	
73) Bromobenzene	12.798	156	63070	19.270	ug/l	91
74) n-propylbenzene	12.857	91	287415	18.075	ug/l	99
75) 2-Chlorotoluene	12.945	91	187261	18.831	ug/l	96
76) 1,3,5-Trimethylbenzene	12.998	105	220721	18.923	ug/l	98
77) t-1,4-Dichloro-2-butene	12.563	75	31015	26.467	ug/l	96
78) 4-Chlorotoluene	13.039	91	180362	18.853	ug/l	96
79) tert-butylbenzene	13.257	119	189510	18.377	ug/l	98
80) 1,2,4-Trimethylbenzene	13.439	105	252017	22.022	ug/l	100
81) sec-Butylbenzene	13.439	105	252017	18.130	ug/l	99
82) p-Isopropyltoluene	13.551	119	206799	18.317	ug/l	98
83) 1,3-Dichlorobenzene	13.551	146	111826	19.410	ug/l	98
84) 1,4-Dichlorobenzene	13.627	146	110476	19.189	ug/l	98
85) n-Butylbenzene	13.880	91	161167	17.543	ug/l	96
86) Hexachloroethane	14.145	117	38803	17.554	ug/l	96
87) 1,2-Dichlorobenzene	13.921	146	116311	19.296	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.539	75	24505	19.850	ug/l	95
89) 1,2,4-Trichlorobenzene	15.192	180	59077	18.653	ug/l	96
90) Hexachlorobutadiene	15.292	225	22666	17.751	ug/l	95
91) Naphthalene	15.433	128	243558	19.707	ug/l	99
92) 1,2,3-Trichlorobenzene	15.621	180	60006	18.622	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

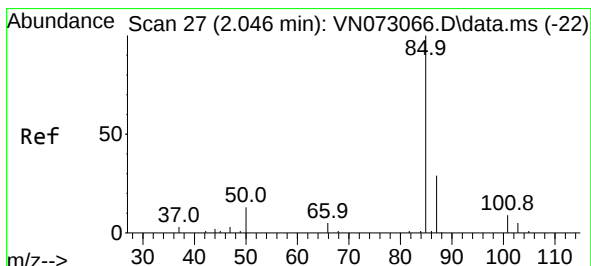
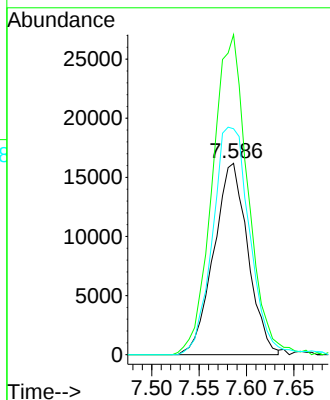
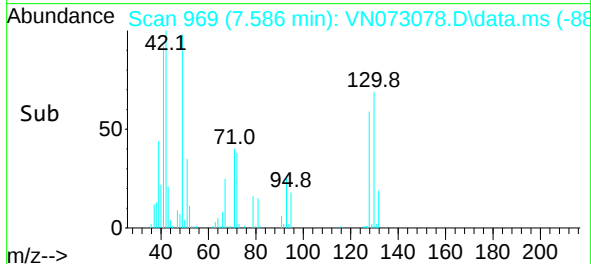
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



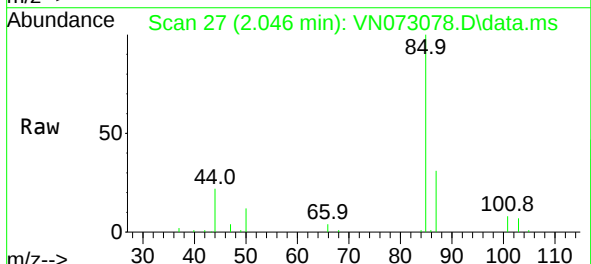
Tgt Ion:128 Resp: 40520
Ion Ratio Lower Upper
128 100
49 173.4 0.0 392.3
130 129.1 0.0 320.2

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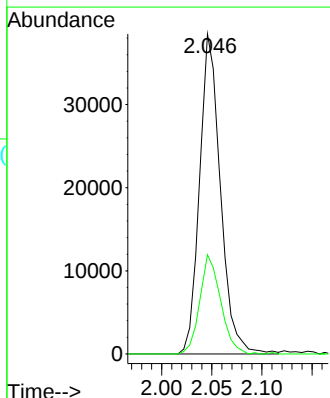
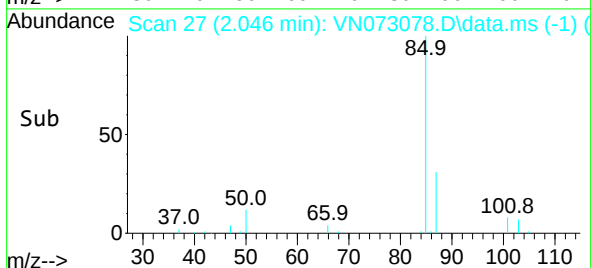
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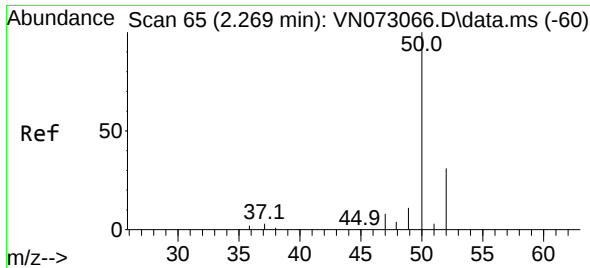


#2
Dichlorodifluoromethane
Concen: 17.502 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



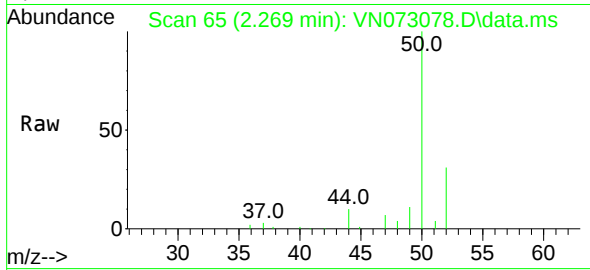
Tgt Ion: 85 Resp: 55949
Ion Ratio Lower Upper
85 100
87 31.0 16.6 49.7





#3
Chloromethane
Concen: 19.025 ug/l
RT: 2.269 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

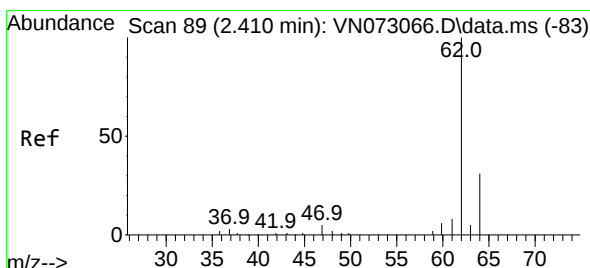
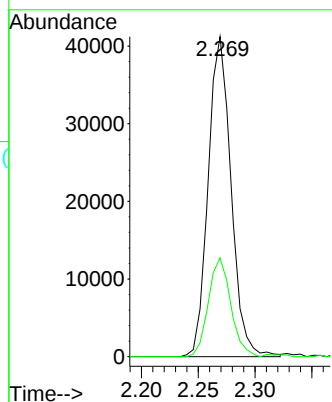
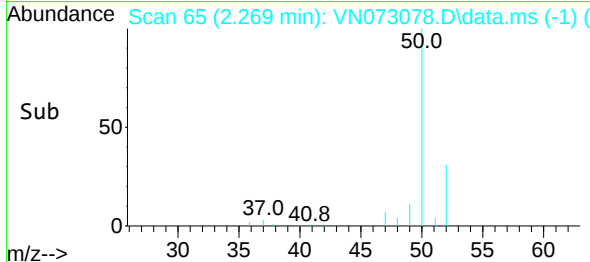
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



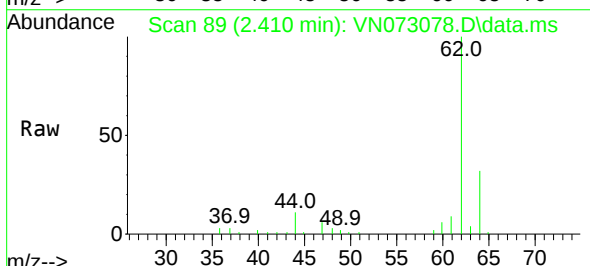
Tgt Ion: 50 Resp: 57789
Ion Ratio Lower Upper
50 100
52 30.8 27.8 41.6

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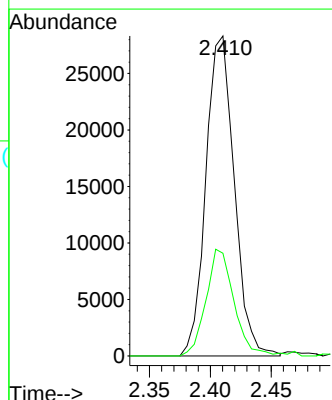
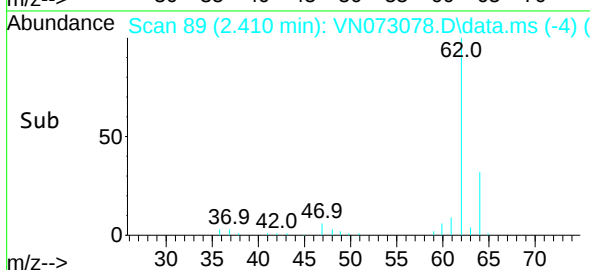
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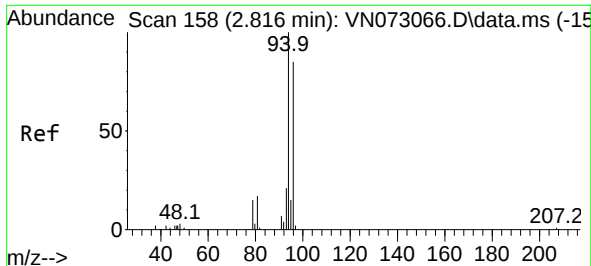


#4
Vinyl Chloride
Concen: 16.903 ug/l
RT: 2.410 min Scan# 89
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



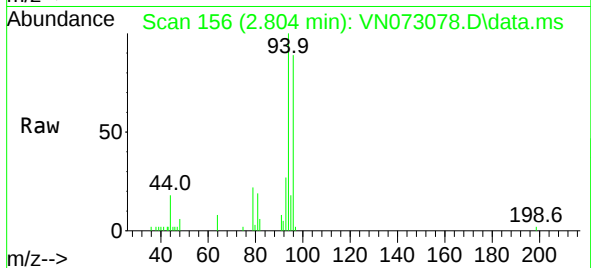
Tgt Ion: 62 Resp: 45955
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





#5
Bromomethane
Concen: 24.890 ug/l
RT: 2.804 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

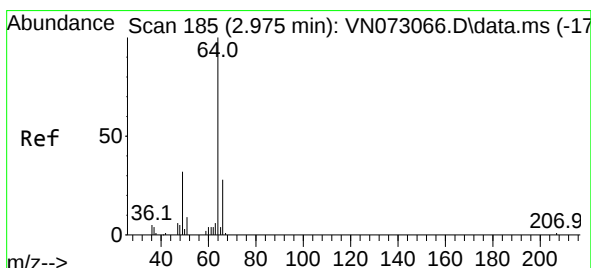
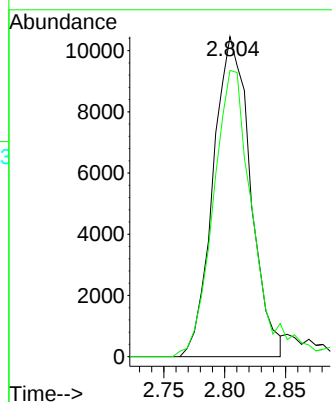
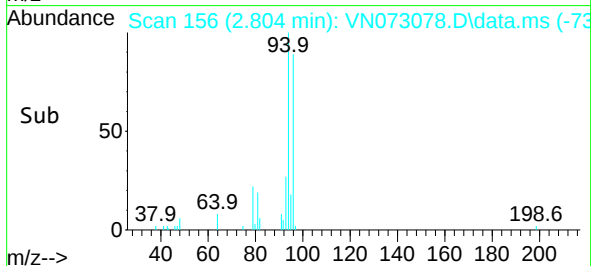
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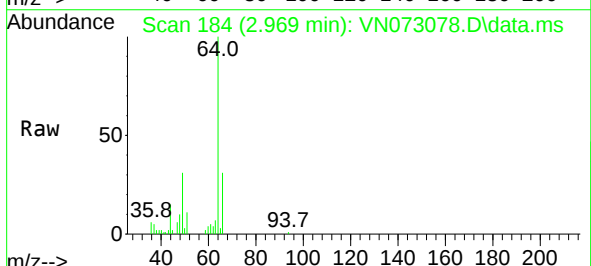
Tgt Ion: 94 Resp: 2228
Ion Ratio Lower Upper
94 100
96 87.7 75.2 112.8

Manual Integrations
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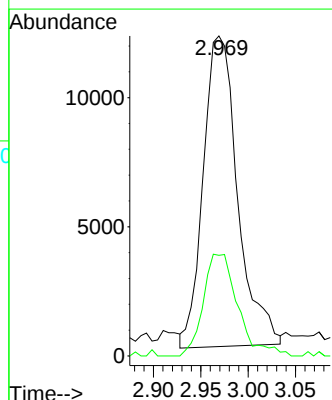
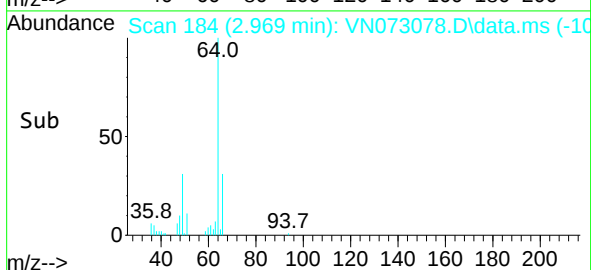
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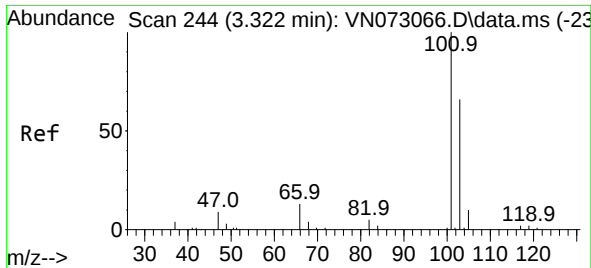


#6
Chloroethane
Concen: 18.129 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



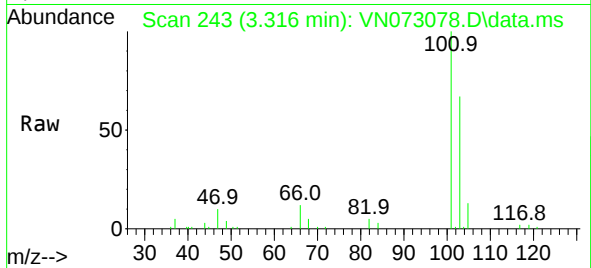
Tgt Ion: 64 Resp: 30411
Ion Ratio Lower Upper
64 100
66 33.6 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 16.512 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN073078.D
 Acq: 24 Jun 2022 12:45

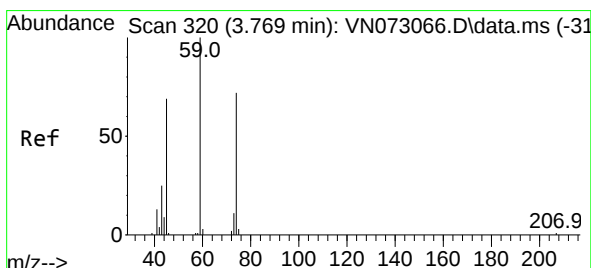
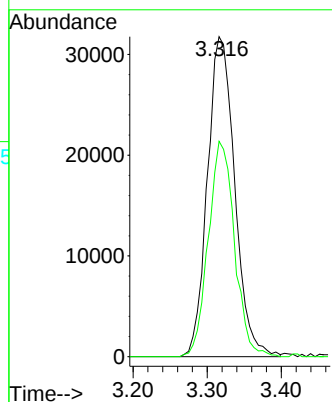
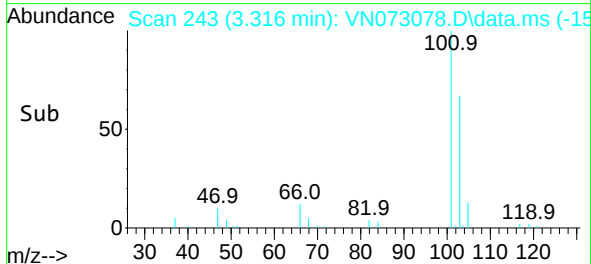
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Tgt Ion:101 Resp: 8148
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.1 75.1

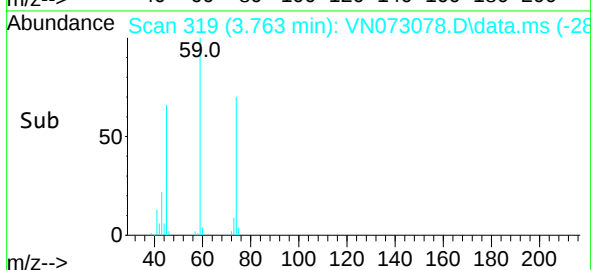
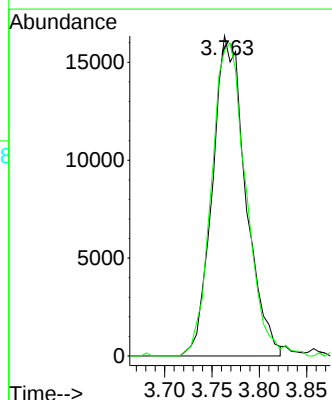
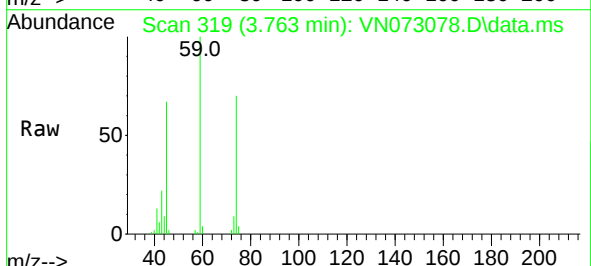
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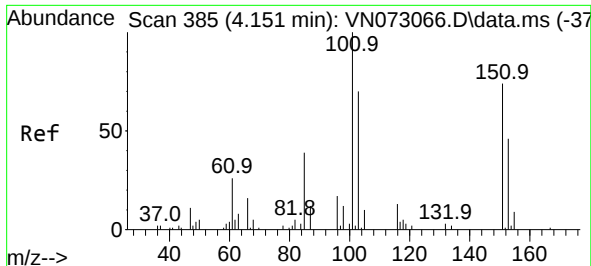
Reviewed By :John Carlone 06/25/2022
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#8
 Diethyl Ether
 Concen: 19.732 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.006 min
 Lab File: VN073078.D
 Acq: 24 Jun 2022 12:45

Tgt Ion: 74 Resp: 39853
 Ion Ratio Lower Upper
 74 100
 45 100.8 17.6 158.8





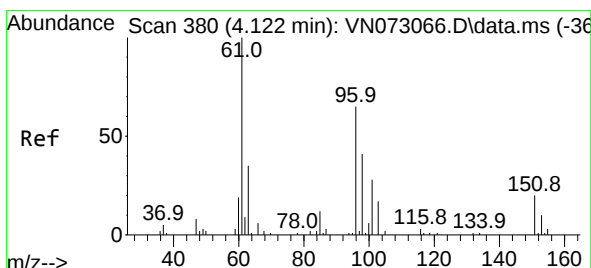
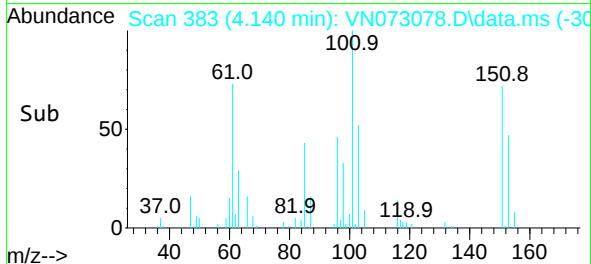
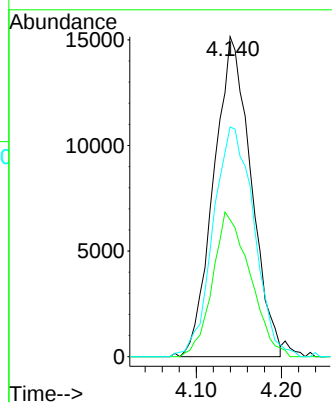
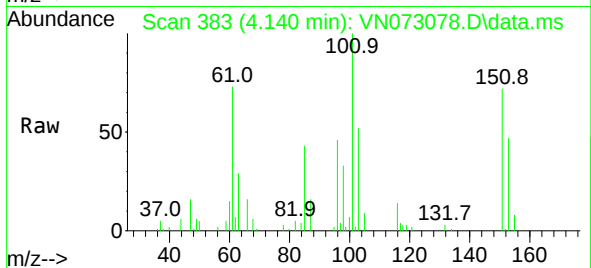
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.854 ug/l
RT: 4.140 min Scan# 385
Delta R.T. -0.012 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tgt Ion:101 Resp: 45949
Ion Ratio Lower Upper
101 100
85 45.5 0.0 94.0
151 78.8 0.0 74.6

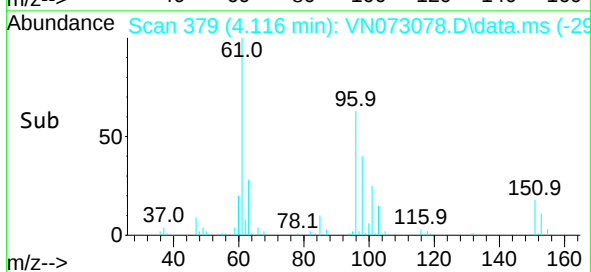
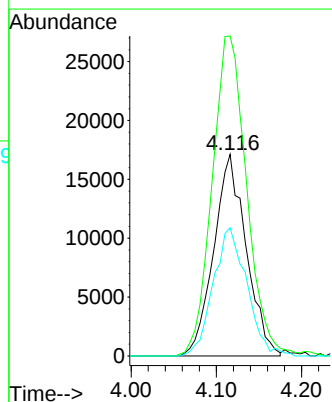
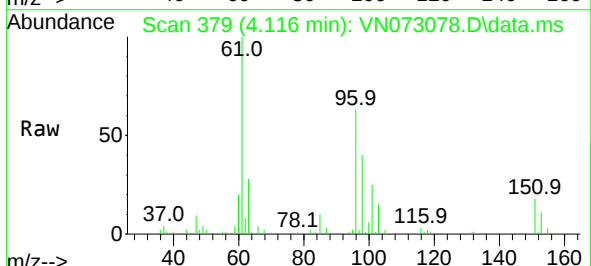
Manual Integrations
APPROVED

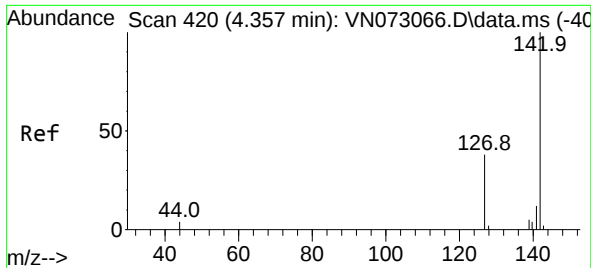
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
1,1-Dichloroethene
Concen: 16.229 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

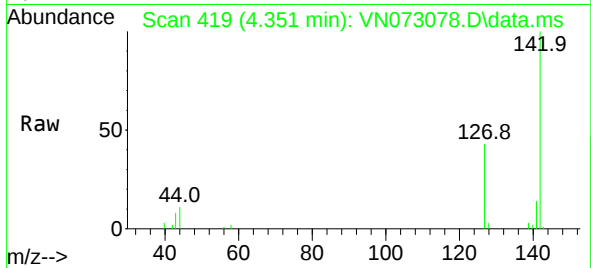
Tgt Ion: 96 Resp: 45284
Ion Ratio Lower Upper
96 100
61 157.8 126.2 189.4
98 63.6 50.9 76.3





#11
Methyl Iodide
Concen: 16.180 ug/l
RT: 4.351 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

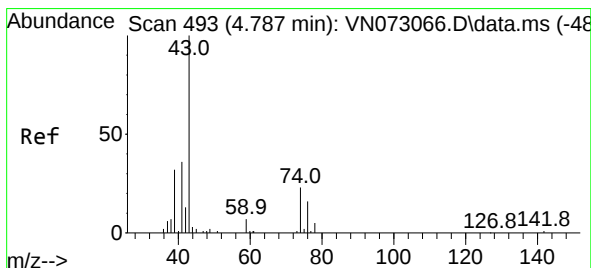
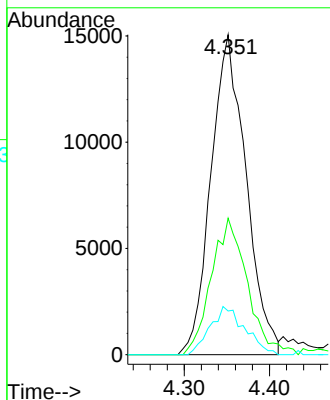
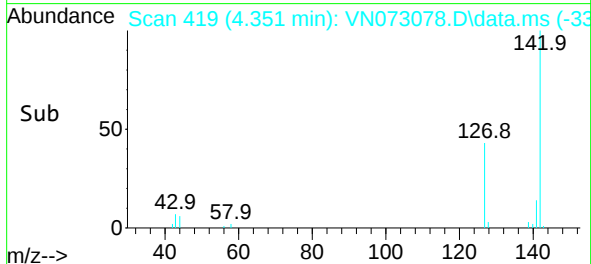
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion:142 Resp: 4306
Ion Ratio Lower Upper
142 100
127 41.9 24.0 72.0
141 13.9 8.4 25.2

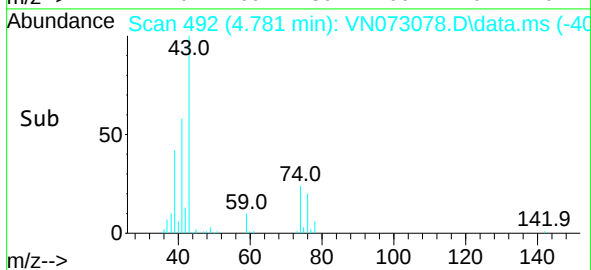
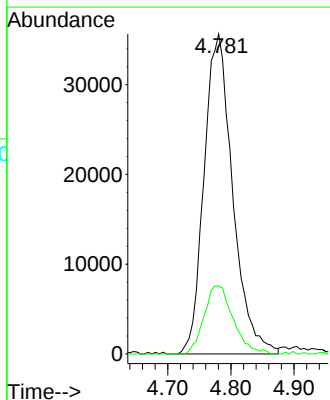
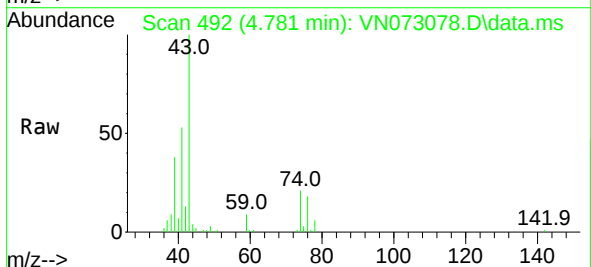
Manual Integrations
APPROVED

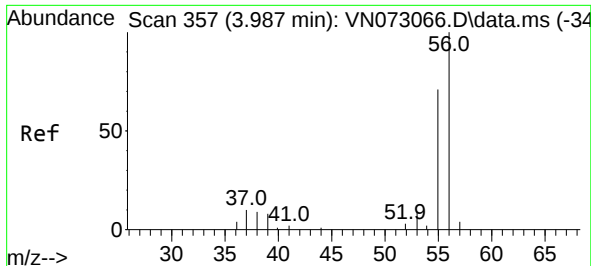
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
Methyl Acetate
Concen: 19.363 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

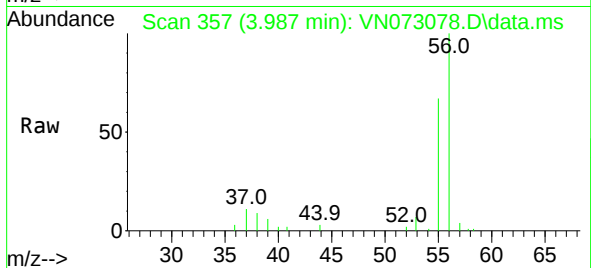
Tgt Ion: 43 Resp: 112510
Ion Ratio Lower Upper
43 100
74 21.4 20.8 31.2





#13
Acrolein
Concen: 138.508 ug/l
RT: 3.987 min Scan# 357
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

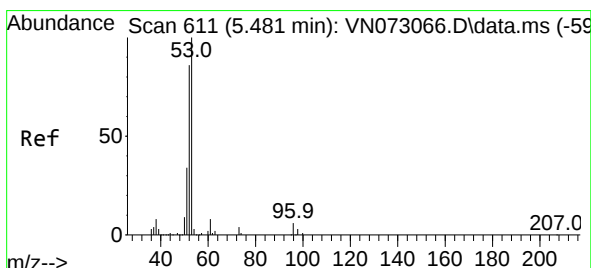
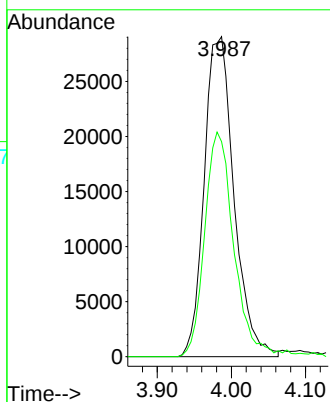
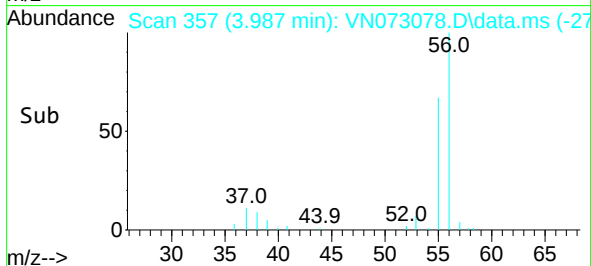
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



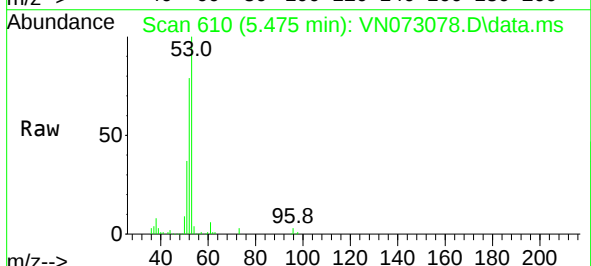
Tgt Ion: 56 Resp: 81120
Ion Ratio Lower Upper
56 100
55 68.0 57.6 86.4

Manual Integrations
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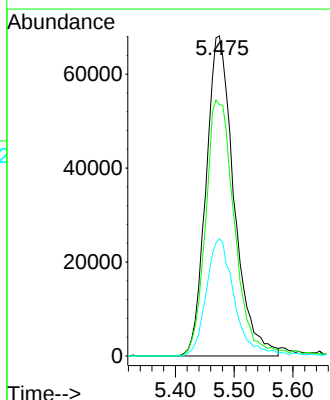
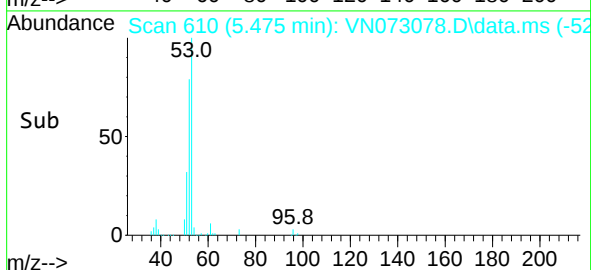
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

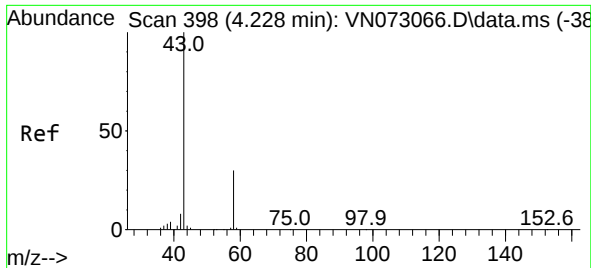


#14
Acrylonitrile
Concen: 101.700 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



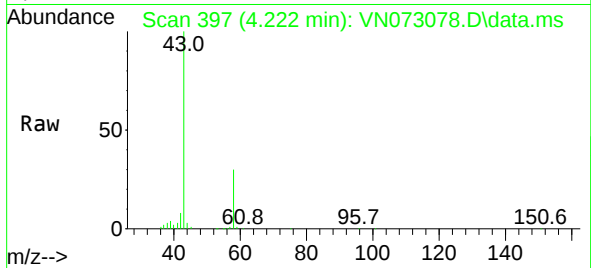
Tgt Ion: 53 Resp: 225133
Ion Ratio Lower Upper
53 100
52 81.9 41.8 125.4
51 36.1 19.0 57.0





#15
Acetone
Concen: 98.898 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

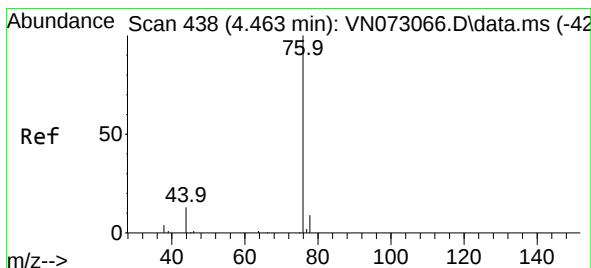
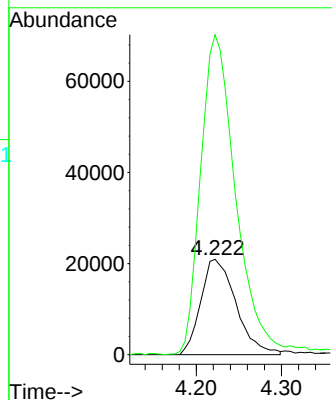
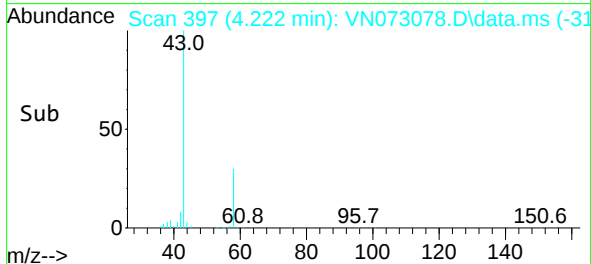
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



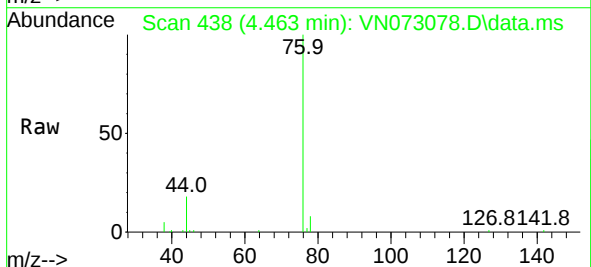
Tgt Ion: 58 Resp: 60389
Ion Ratio Lower Upper
58 100
43 332.3 256.6 384.8

Manual Integrations
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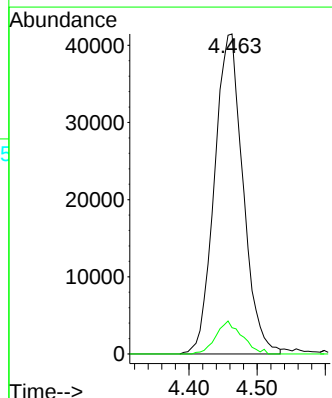
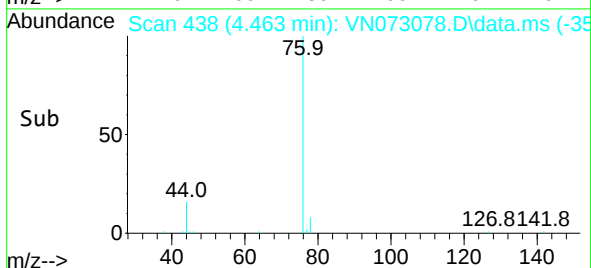
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

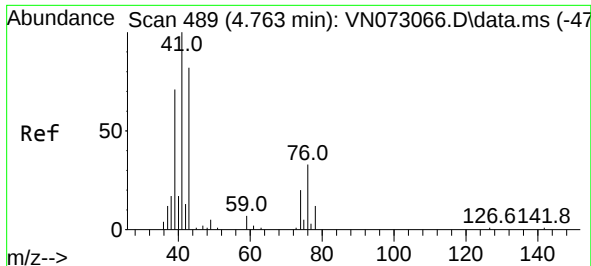


#16
Carbon Disulfide
Concen: 16.411 ug/l
RT: 4.463 min Scan# 438
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



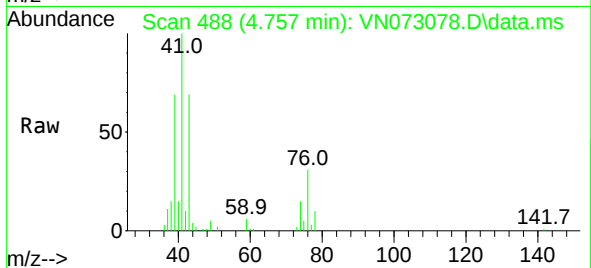
Tgt Ion: 76 Resp: 120746
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8





#17
 Allyl chloride
 Concen: 19.664 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN073078.D
 Acq: 24 Jun 2022 12:45

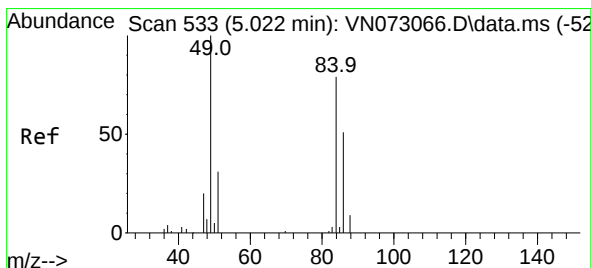
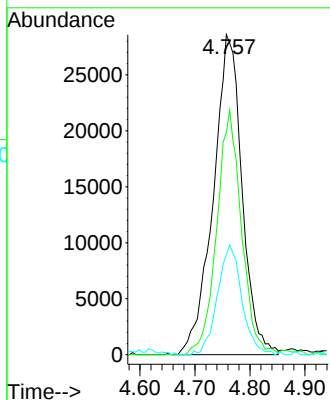
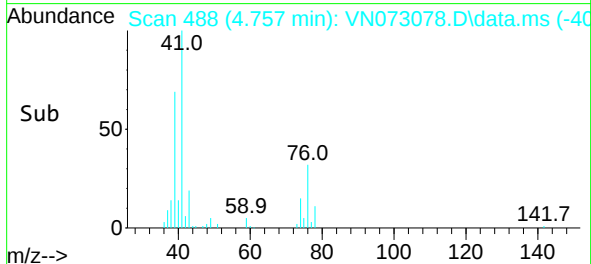
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01



Tgt Ion: 41 Resp: 10414
 Ion Ratio Lower Upper
 41 100
 39 69.3 44.6 134.0
 76 31.1 19.6 58.7

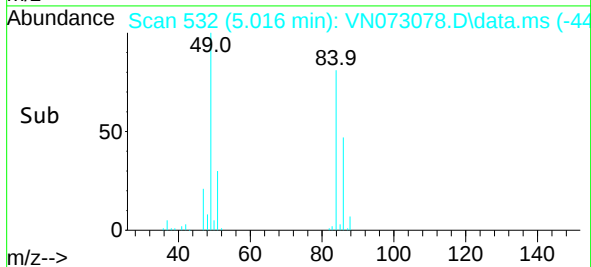
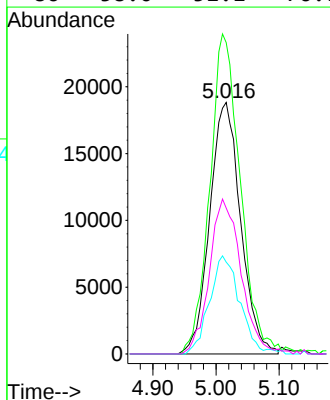
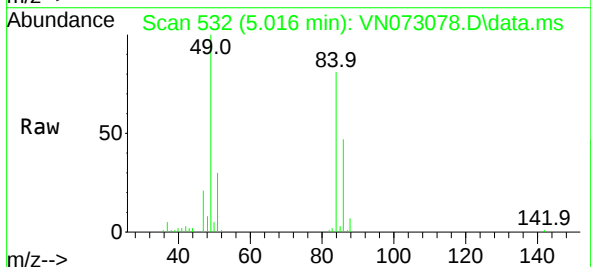
Manual Integrations
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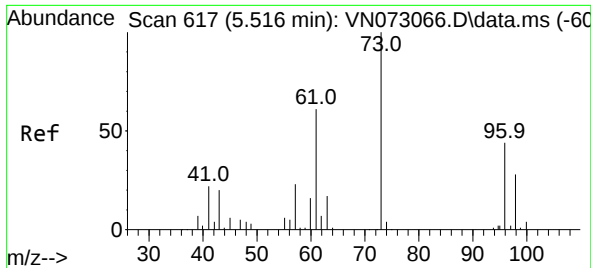
Reviewed By :John Carlone 06/25/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#18
 Methylene Chloride
 Concen: 19.225 ug/l
 RT: 5.016 min Scan# 532
 Delta R.T. -0.006 min
 Lab File: VN073078.D
 Acq: 24 Jun 2022 12:45

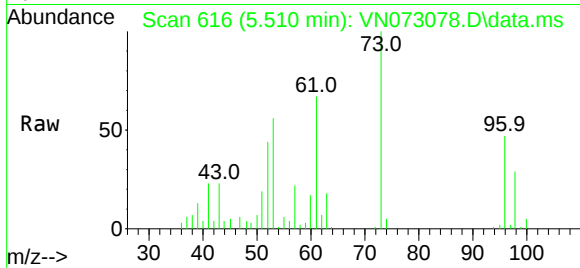
Tgt Ion: 84 Resp: 63974
 Ion Ratio Lower Upper
 84 100
 49 123.8 91.4 137.0
 51 36.5 29.4 44.0
 86 58.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 17.834 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

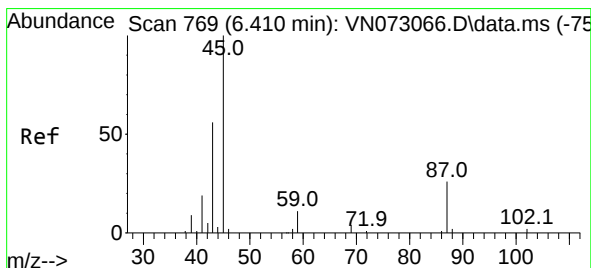
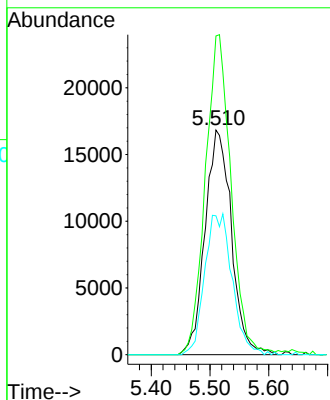
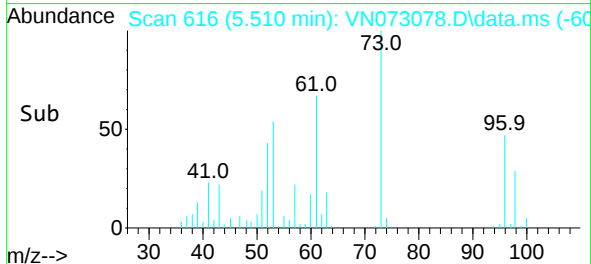
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion: 96 Resp: 52510
Ion Ratio Lower Upper
96 100
61 141.9 102.8 154.2
98 61.9 49.3 73.9

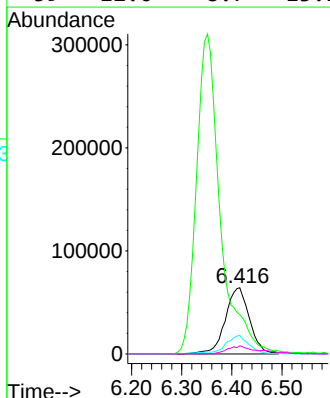
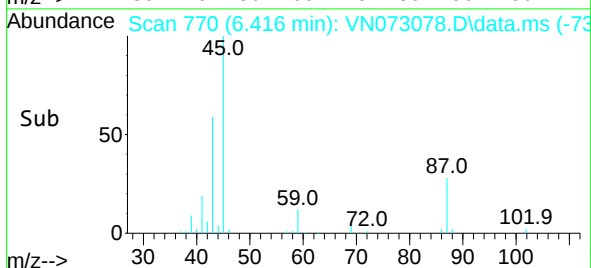
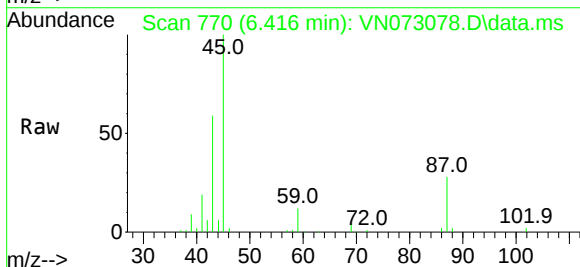
Manual Integrations
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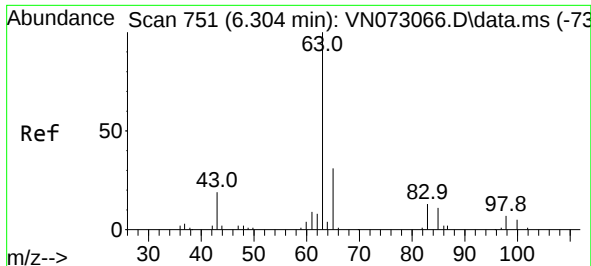
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Diisopropyl ether
Concen: 19.262 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Tgt Ion: 45 Resp: 214637
Ion Ratio Lower Upper
45 100
43 56.0 51.0 76.4
87 27.4 25.0 37.4
59 12.0 8.7 13.1





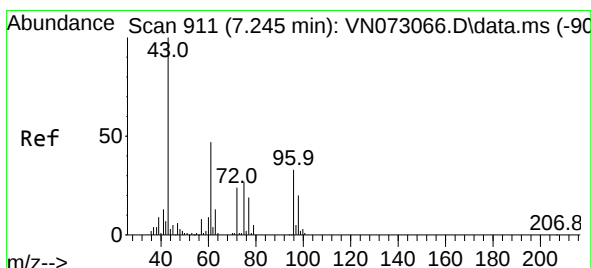
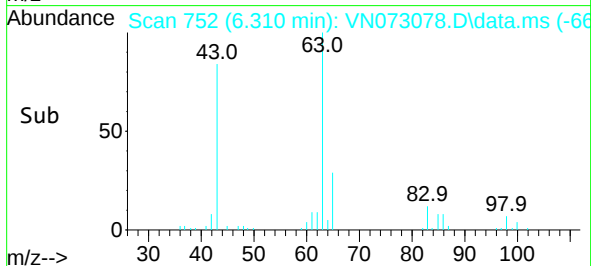
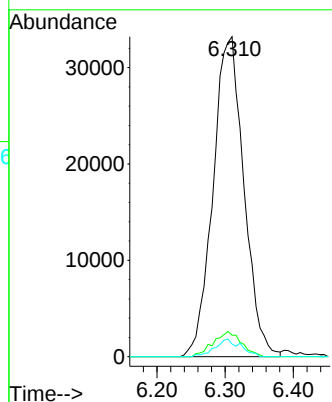
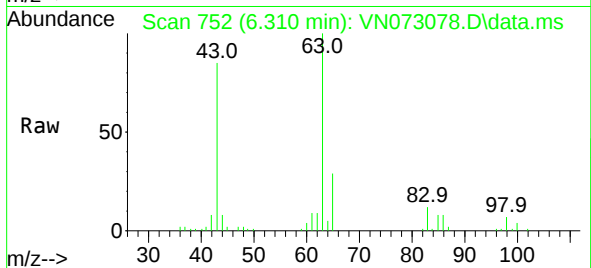
#21
1,1-Dichloroethane
Concen: 17.891 ug/l
RT: 6.310 min Scan# 751
Delta R.T. 0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tgt Ion: 63 Resp: 104604
Ion Ratio Lower Upper
63 100
98 6.7 3.2 9.6
100 4.0 2.1 6.2

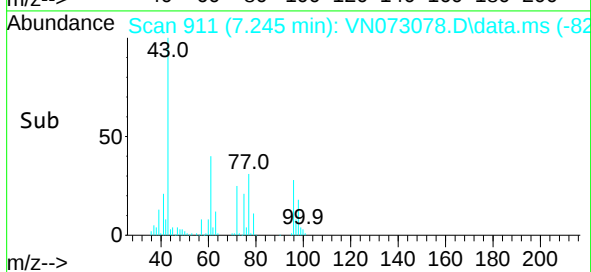
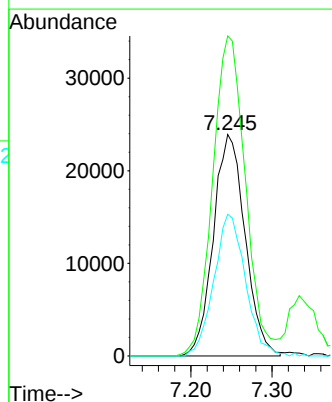
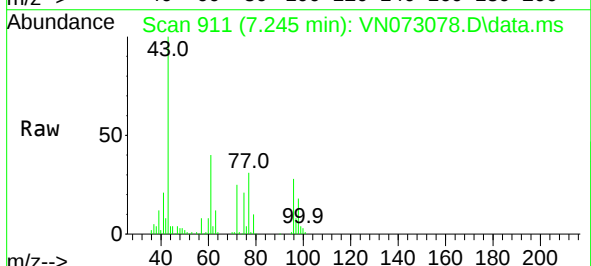
Manual Integrations
APPROVED

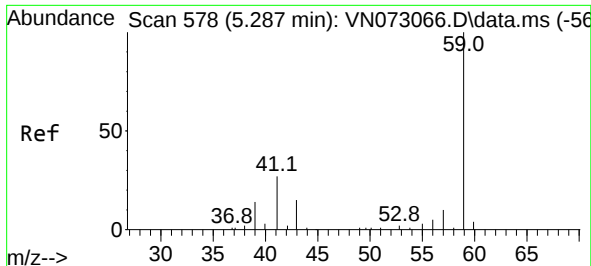
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
cis-1,2-Dichloroethene
Concen: 18.564 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

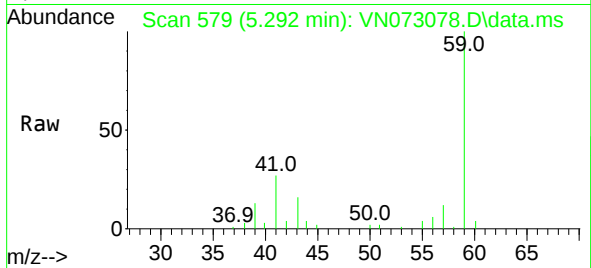
Tgt Ion: 96 Resp: 64998
Ion Ratio Lower Upper
96 100
61 148.9 115.7 173.5
98 63.6 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 99.309 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

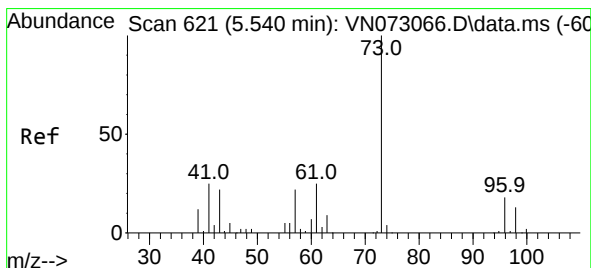
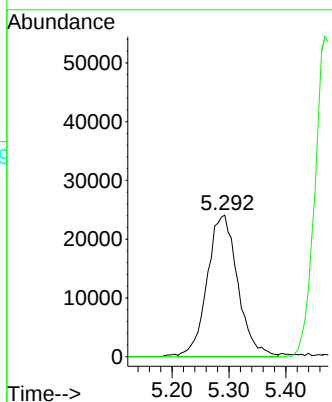
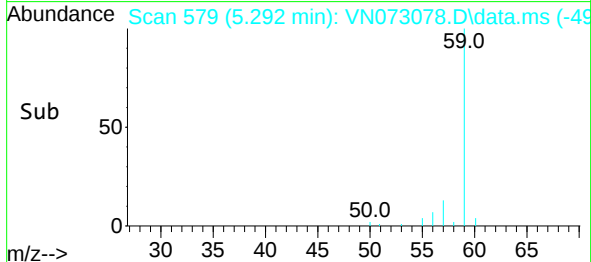
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



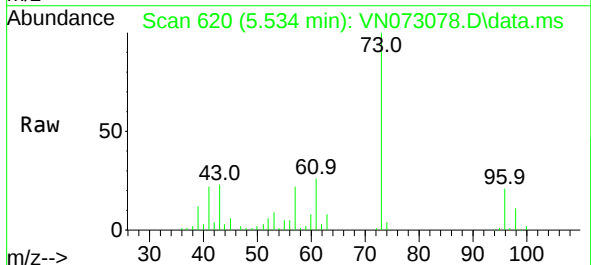
Tgt Ion: 59 Resp: 89760
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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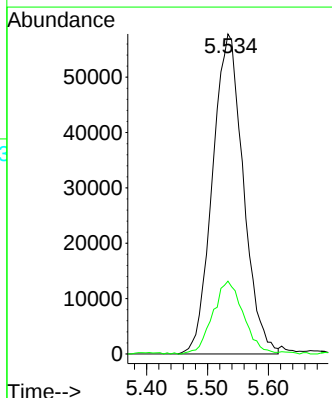
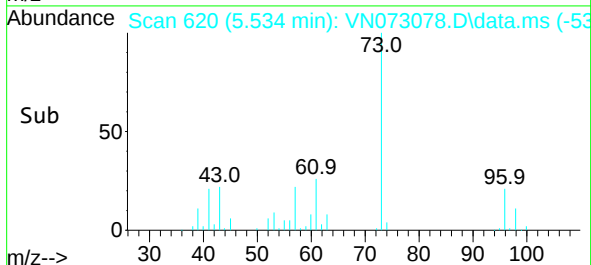
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

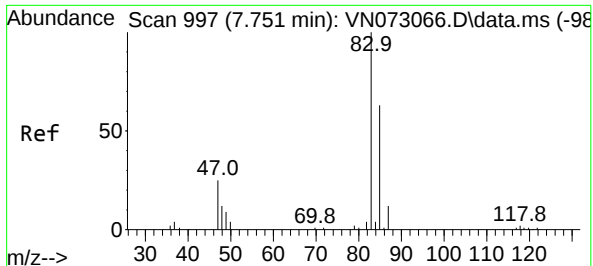


#24
Methyl tert-Butyl Ether
Concen: 19.505 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



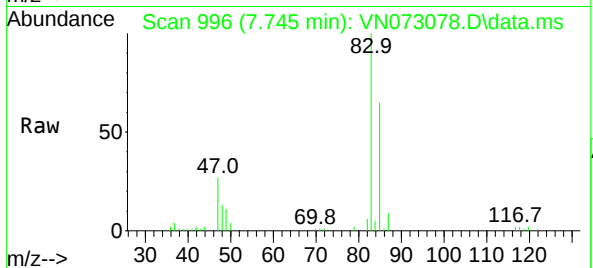
Tgt Ion: 73 Resp: 203015
Ion Ratio Lower Upper
73 100
43 22.6 18.1 27.1





#25
Chloroform
Concen: 18.839 ug/l
RT: 7.745 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

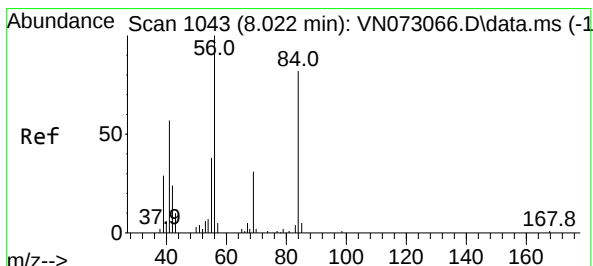
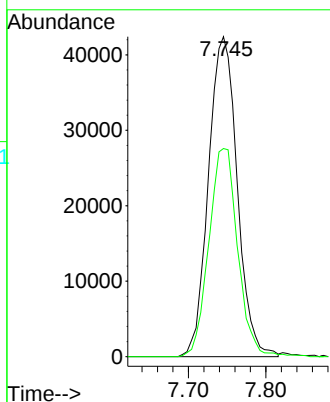
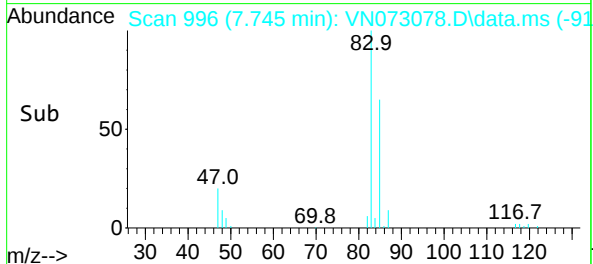
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion: 83 Resp: 109608
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9

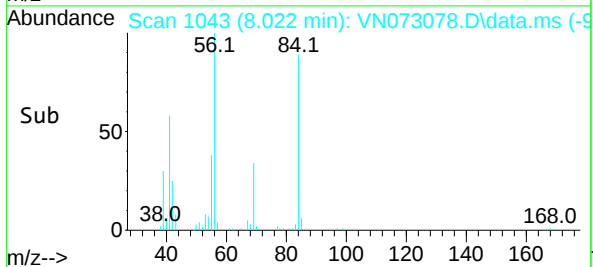
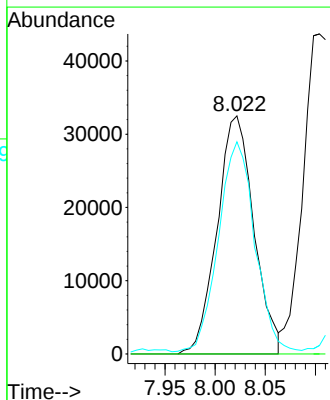
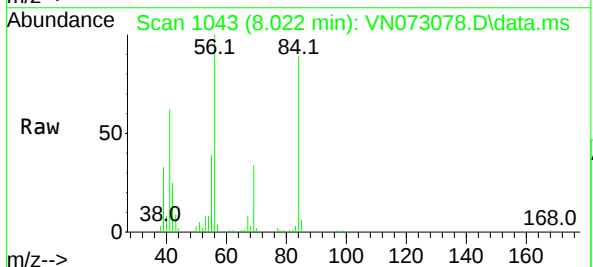
Manual Integrations
APPROVED

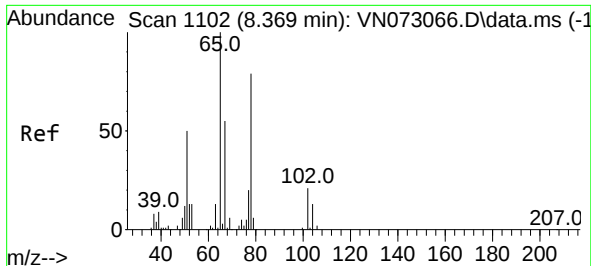
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Cyclohexane
Concen: 16.163 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

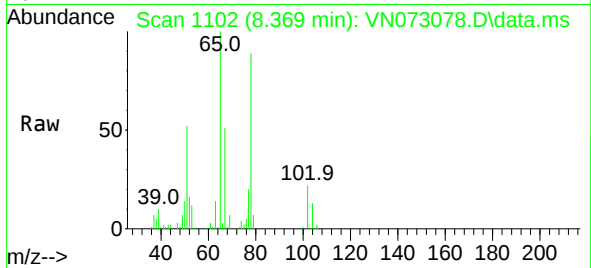
Tgt Ion: 56 Resp: 82736
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 87.1 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.891 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

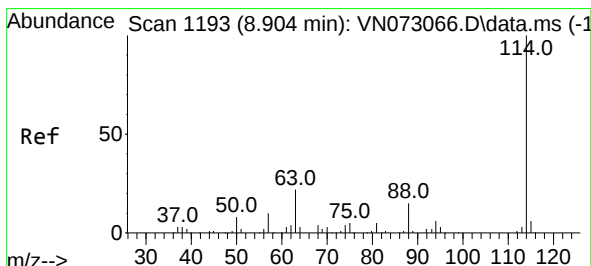
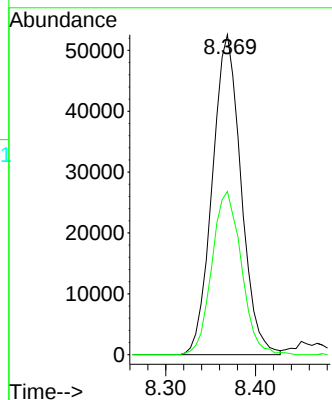
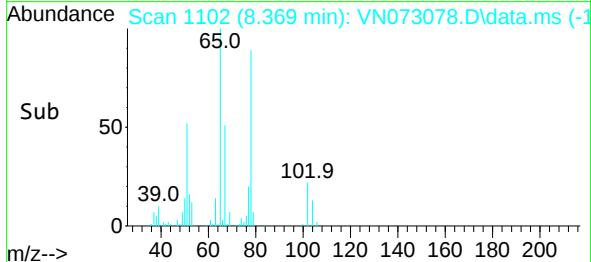
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



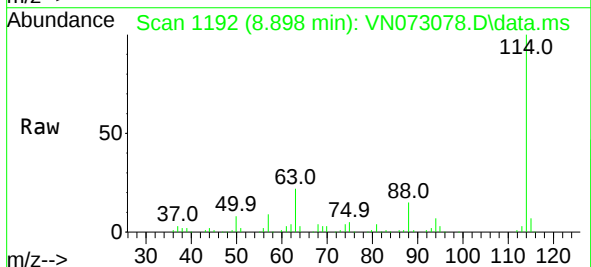
Tgt Ion: 65 Resp: 11675
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2

Manual Integrations
APPROVED

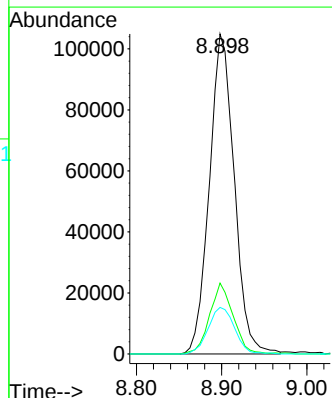
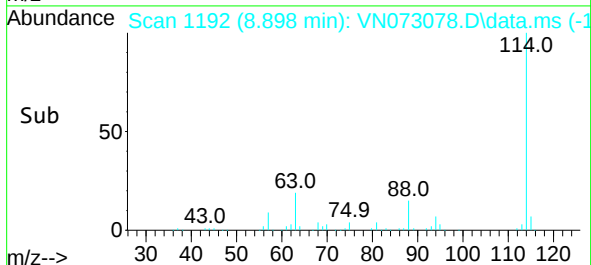
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

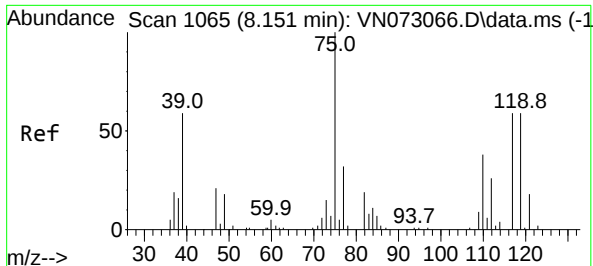


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



Tgt Ion:114 Resp: 213475
Ion Ratio Lower Upper
114 100
63 20.9 15.8 23.6
88 15.3 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.081 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Instrument :

MSVOA_N

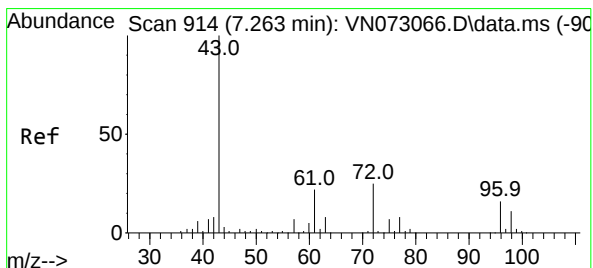
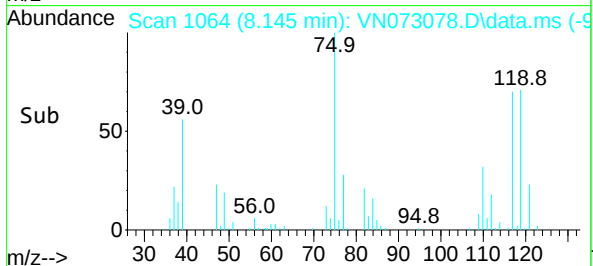
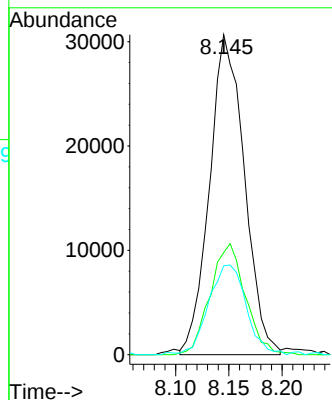
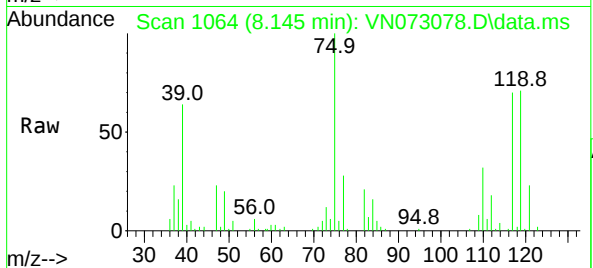
ClientSampleId :

VN0624WBSD01

Tgt Ion: 75 Resp: 6978
Ion Ratio Lower Upper
75 100
110 35.0 0.0 74.2
77 30.0 0.0 63.2

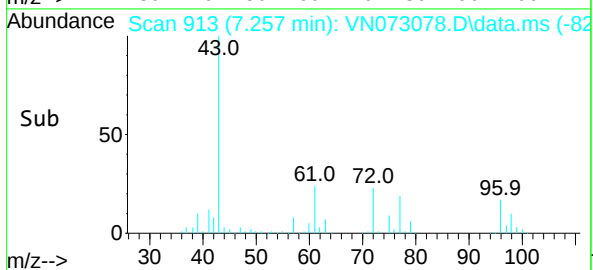
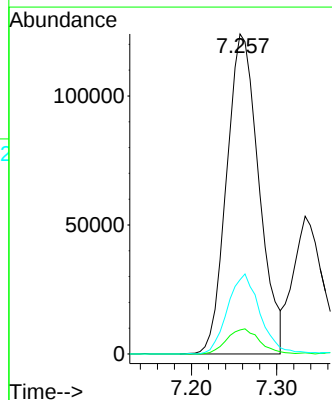
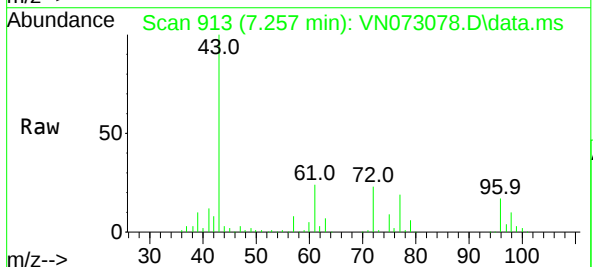
Manual Integrations
APPROVED

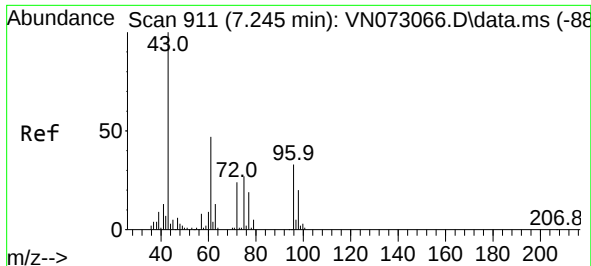
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
2-Butanone
Concen: 110.236 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Tgt Ion: 43 Resp: 327673
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 25.2 23.2 34.8





#31

2,2-Dichloropropane

Concen: 41.822 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.000 min

Lab File: VN073078.D

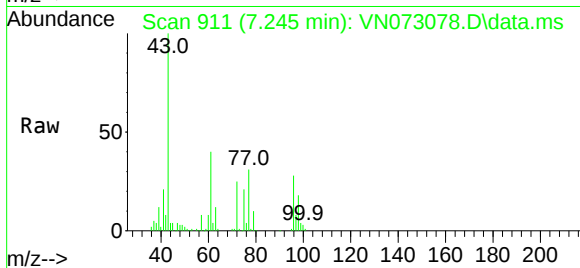
Acq: 24 Jun 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01



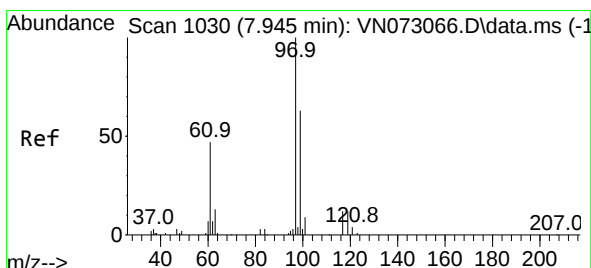
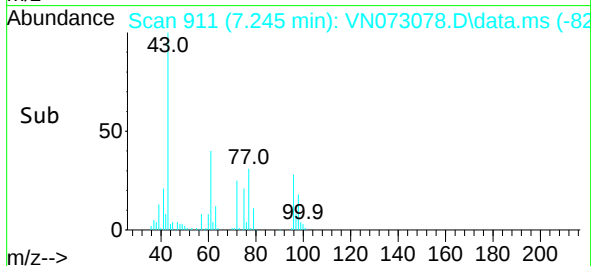
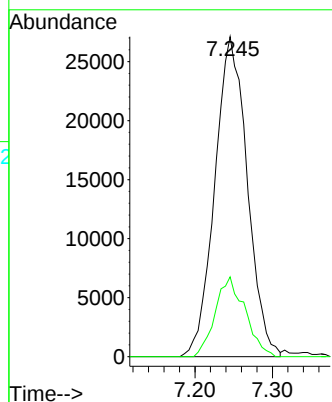
Tgt Ion:	77	Resp:	7901
Ion Ratio	Lower	Upper	
77	100		
97	22.9	18.3	27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#32

1,1,1-Trichloroethane

Concen: 18.677 ug/l

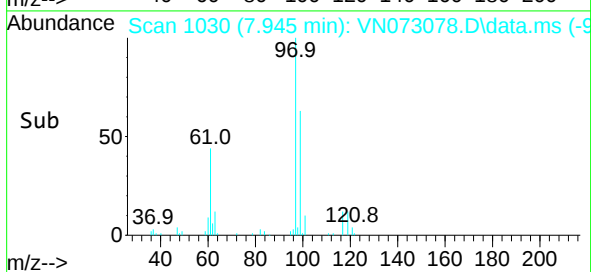
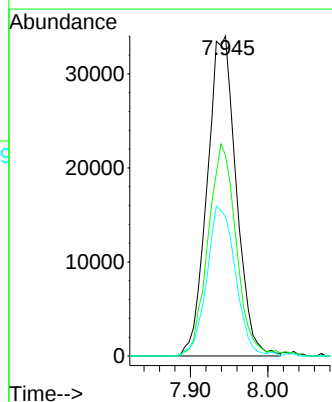
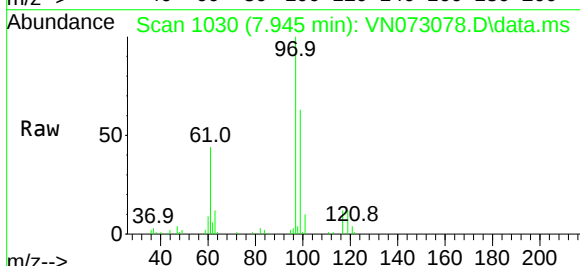
RT: 7.945 min Scan# 1030

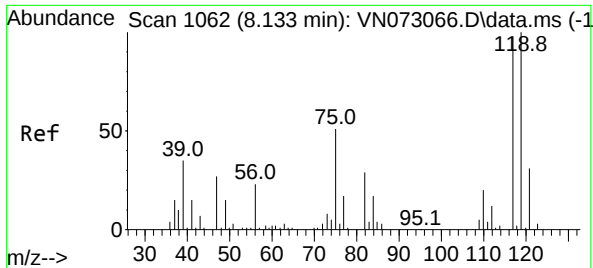
Delta R.T. -0.000 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

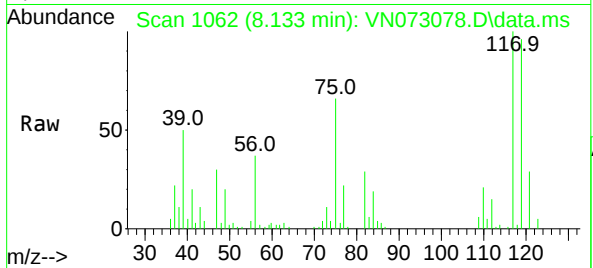
Tgt Ion:	97	Resp:	88575
Ion Ratio	Lower	Upper	
97	100		
99	63.8	50.4	75.6
61	46.0	34.6	51.8





#33
Carbon Tetrachloride
Concen: 17.771 ug/l
RT: 8.133 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

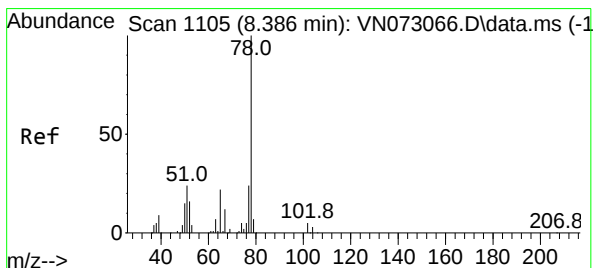
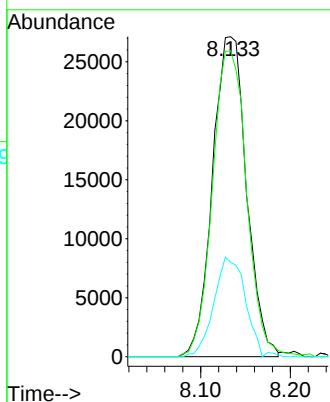
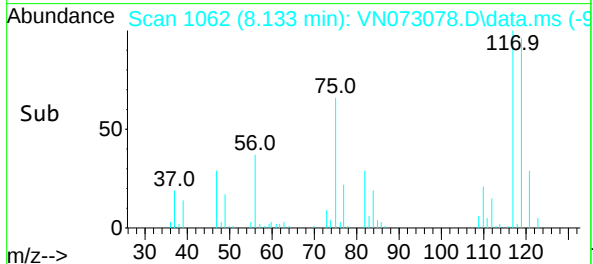
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



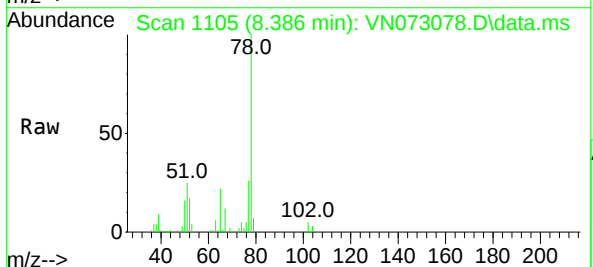
Tgt Ion:117 Resp: 71258
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
121 29.4 23.5 35.3

Manual Integrations
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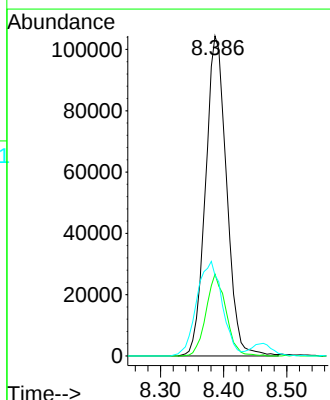
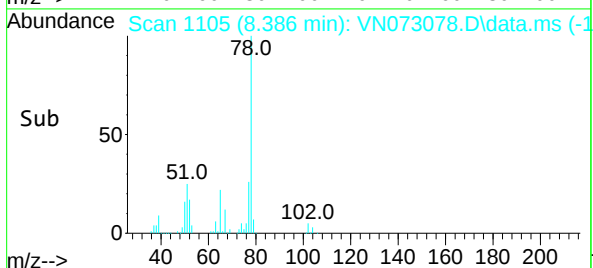
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

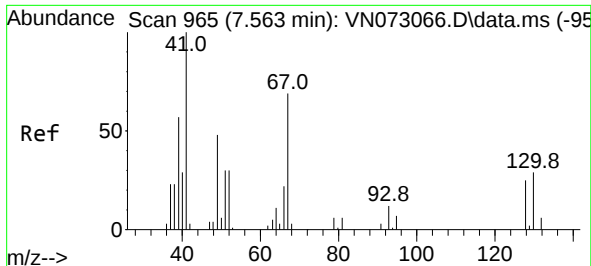


#34
Benzene
Concen: 20.087 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



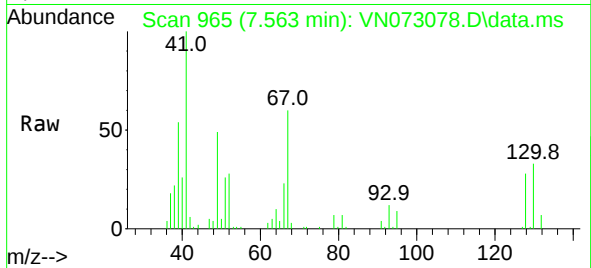
Tgt Ion: 78 Resp: 241308
Ion Ratio Lower Upper
78 100
77 25.5 19.1 28.7
51 24.5 16.0 24.0#





#35
Methacrylonitrile
Concen: 24.068 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

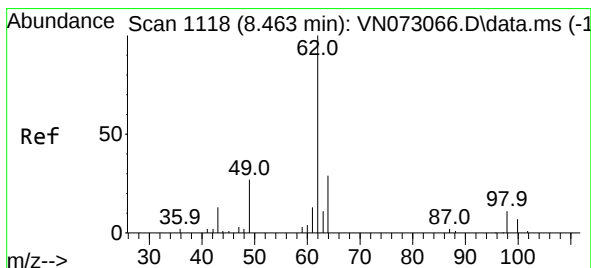
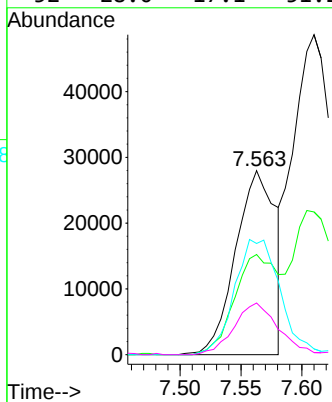
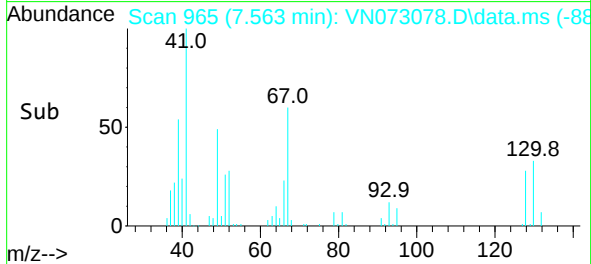
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



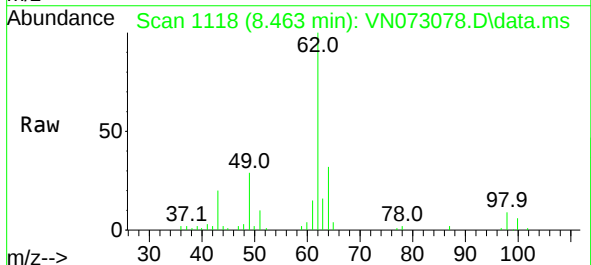
Tgt Ion: 41 Resp: 63640
Ion Ratio Lower Upper
41 100
39 54.4 28.0 83.9
67 60.4 37.7 113.1
52 28.0 17.1 51.2

Manual Integrations
APPROVED

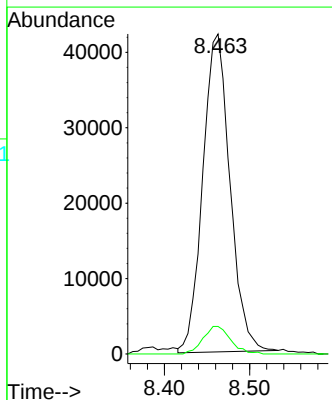
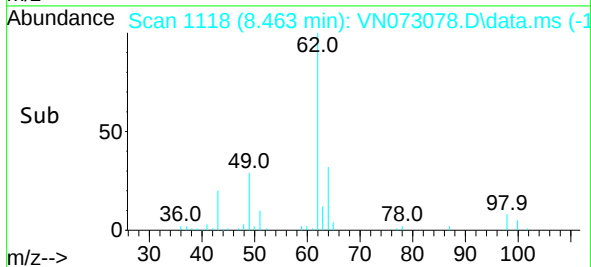
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

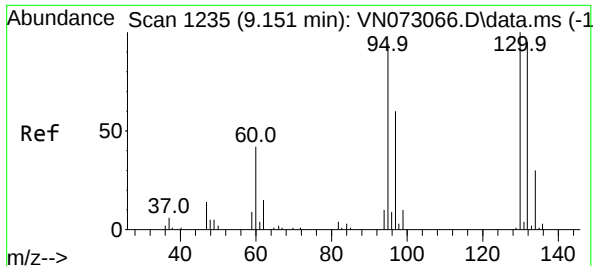


#36
1,2-Dichloroethane
Concen: 21.019 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



Tgt Ion: 62 Resp: 93586
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#37

Trichloroethene

Concen: 19.010 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tgt Ion:130 Resp: 5683

Ion Ratio Lower Upper

130 100

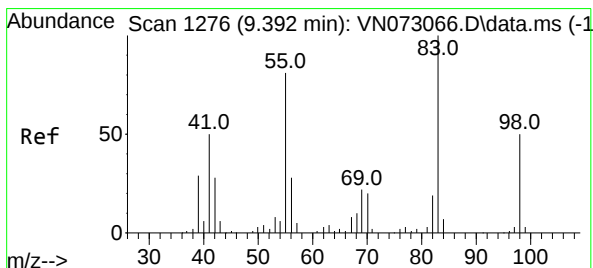
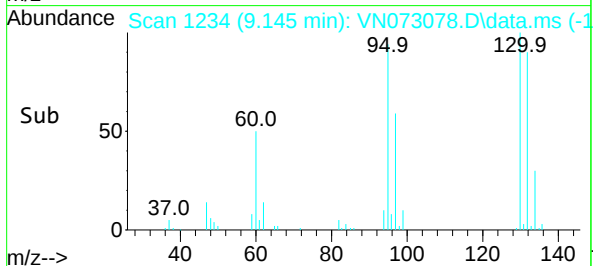
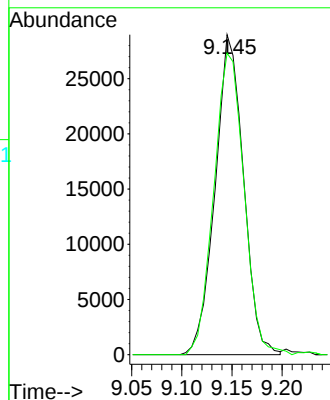
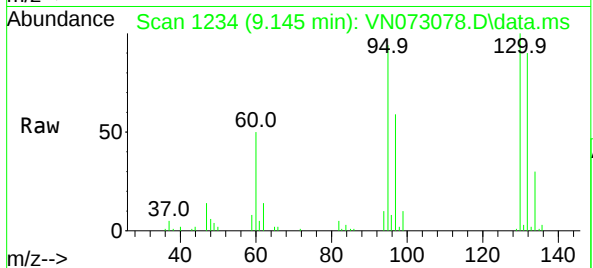
95 94.2 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#38

Methylcyclohexane

Concen: 18.723 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. -0.000 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

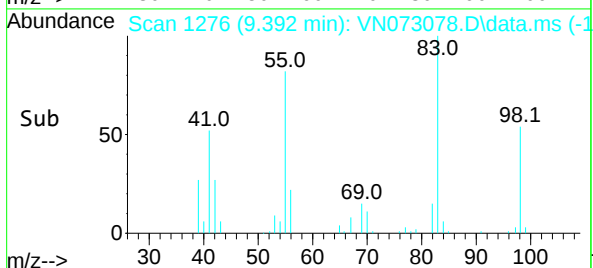
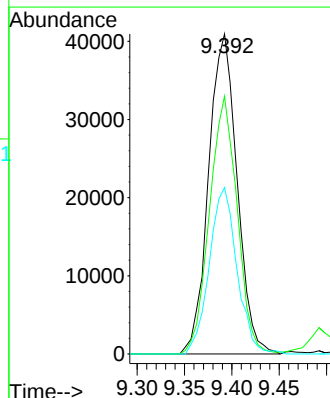
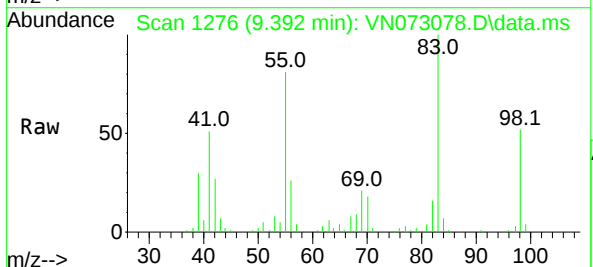
Tgt Ion: 83 Resp: 85586

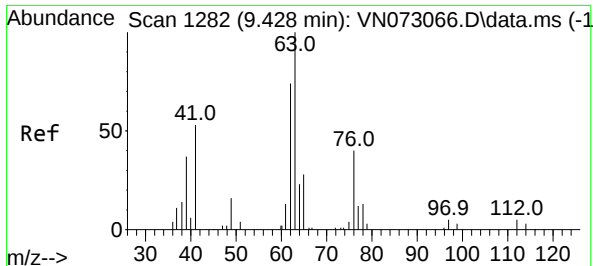
Ion Ratio Lower Upper

83 100

55 78.2 35.1 105.3

98 50.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.074 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tgt Ion: 63 Resp: 6235

Ion Ratio Lower Upper

63 100

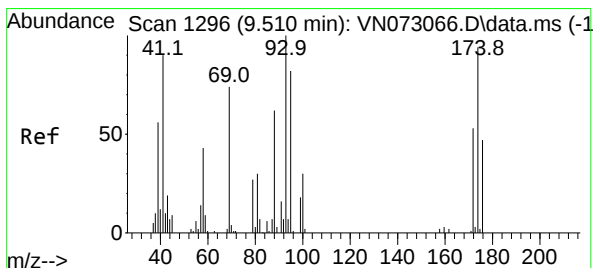
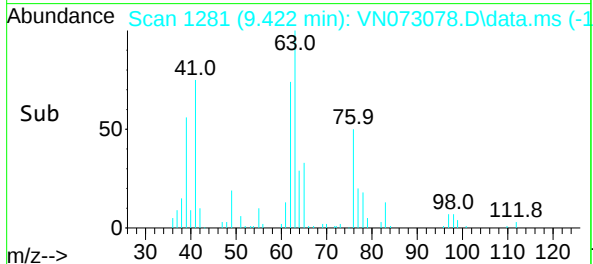
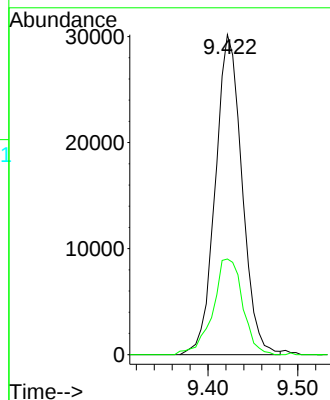
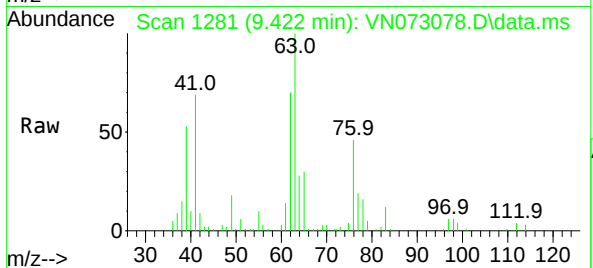
65 29.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Dibromomethane

Concen: 20.835 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

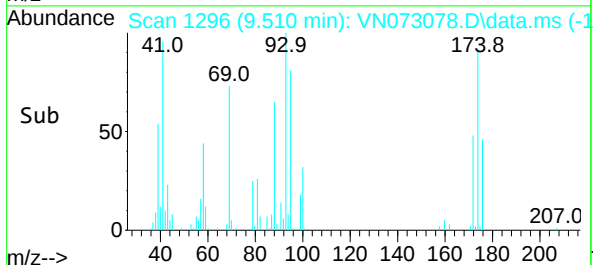
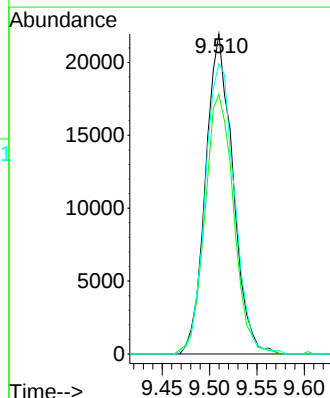
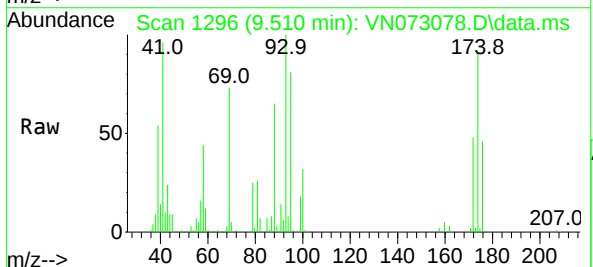
Tgt Ion: 93 Resp: 43795

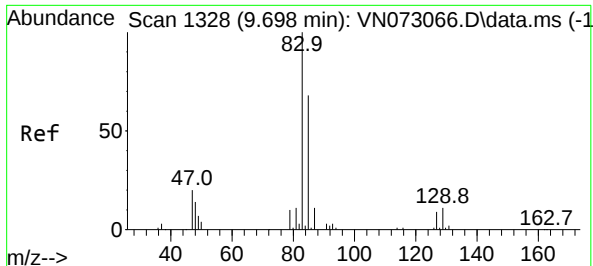
Ion Ratio Lower Upper

93 100

95 85.4 0.0 168.8

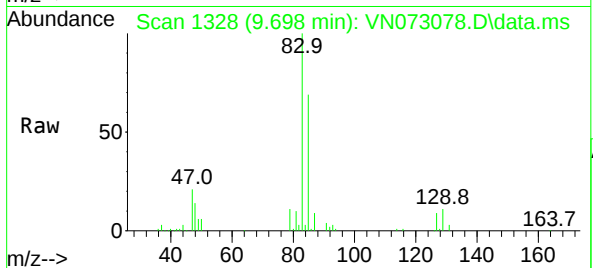
174 97.5 0.0 173.6





#41
Bromodichloromethane
Concen: 20.534 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

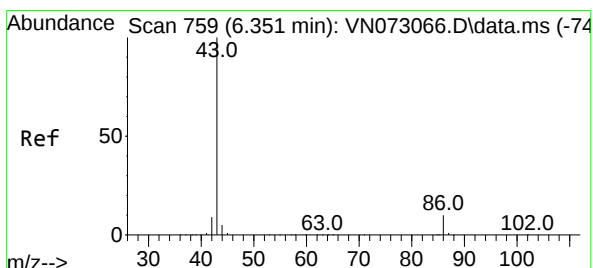
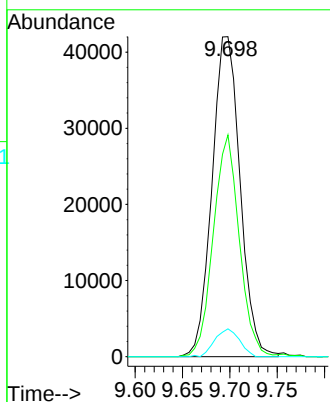
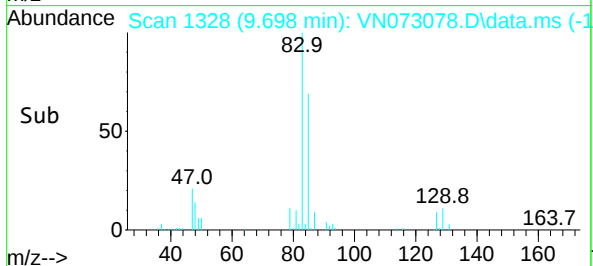
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



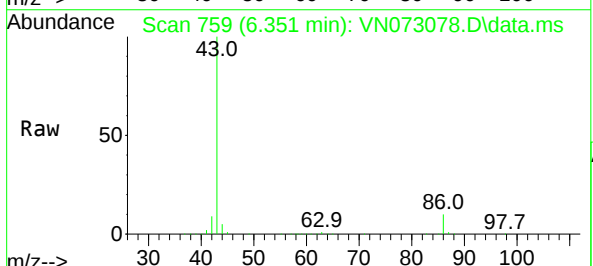
Tgt Ion: 83 Resp: 8684
Ion Ratio Lower Upper
83 100
85 69.3 54.1 81.1
127 8.7 7.6 11.4

Manual Integrations
APPROVED

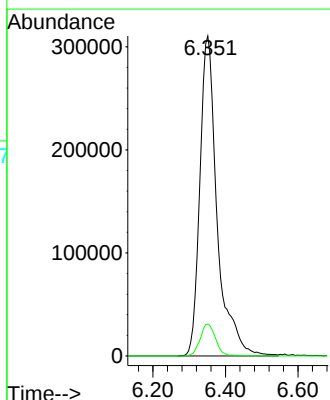
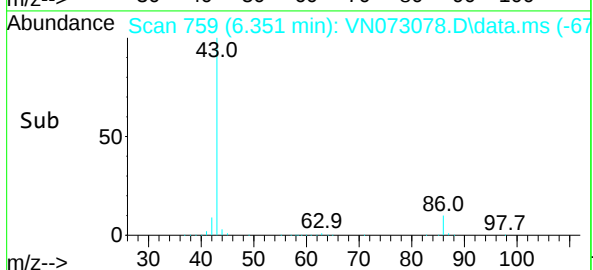
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

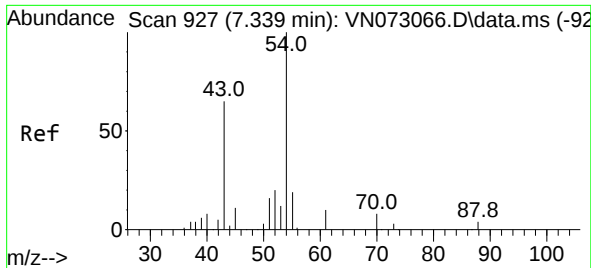


#42
Vinyl Acetate
Concen: 112.067 ug/l
RT: 6.351 min Scan# 759
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



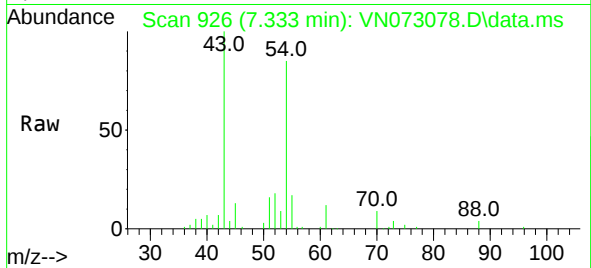
Tgt Ion: 43 Resp: 1029958
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43
Ethyl Acetate
Concen: 23.750 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

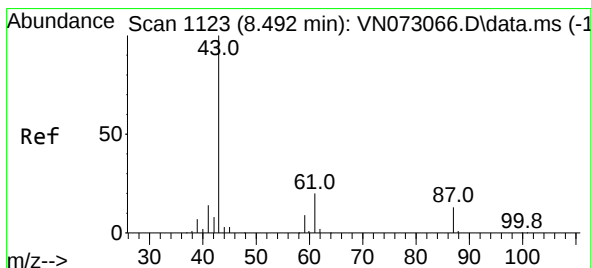
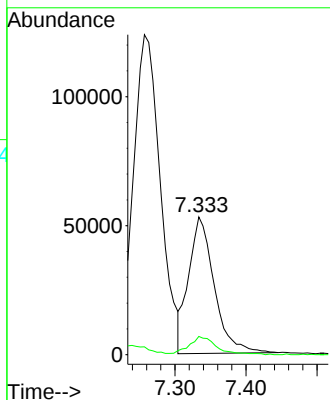
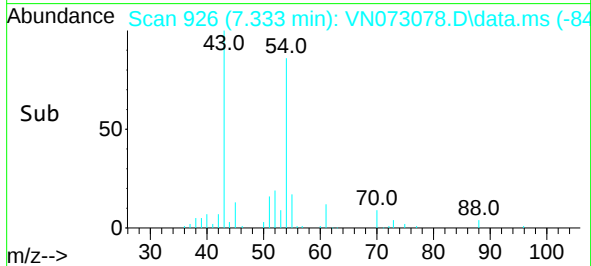
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



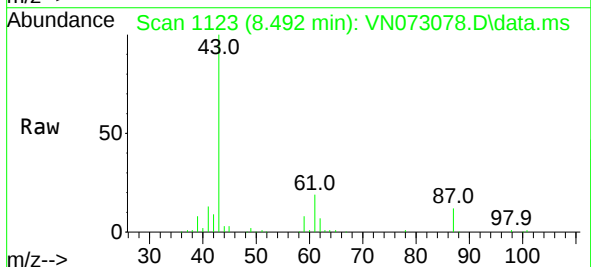
Tgt Ion: 43 Resp: 132954
Ion Ratio Lower Upper
43 100
45 12.4 10.6 16.0

Manual Integrations
APPROVED

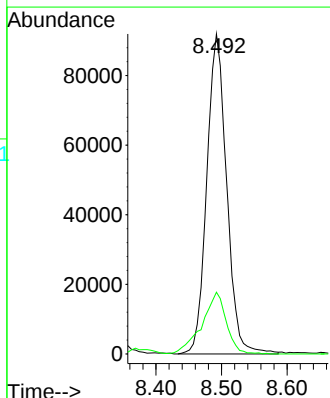
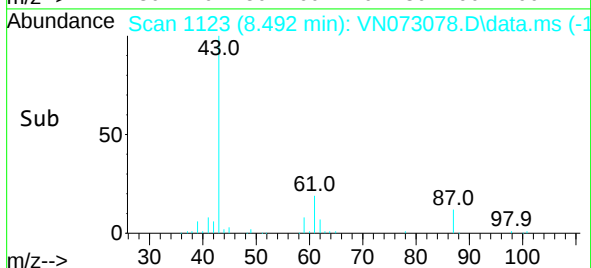
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

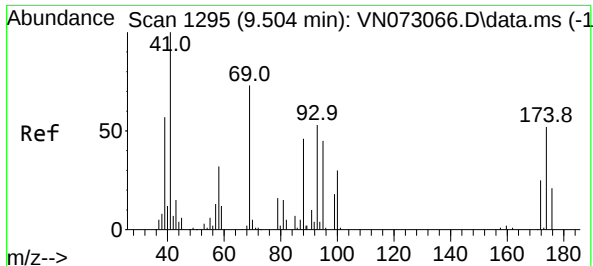


#44
Isopropyl Acetate
Concen: 22.422 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



Tgt Ion: 43 Resp: 193831
Ion Ratio Lower Upper
43 100
61 23.2 20.1 30.1





#45

1,4-Dioxane

Concen: 464.809 ug/l

RT: 9.498 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tgt Ion: 88 Resp: 3579

Ion Ratio Lower Upper

88 100

43 33.7 25.0 37.6

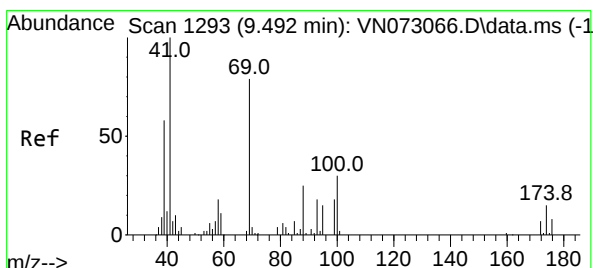
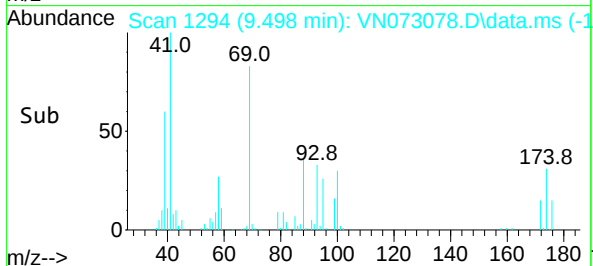
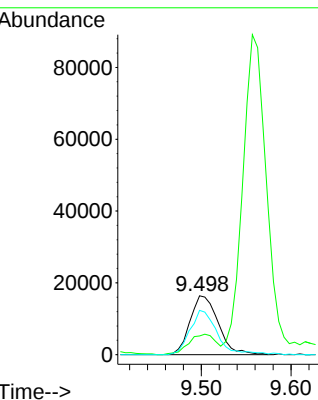
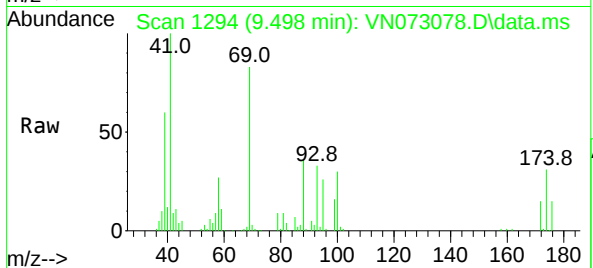
58 69.6 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Methyl methacrylate

Concen: 20.873 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

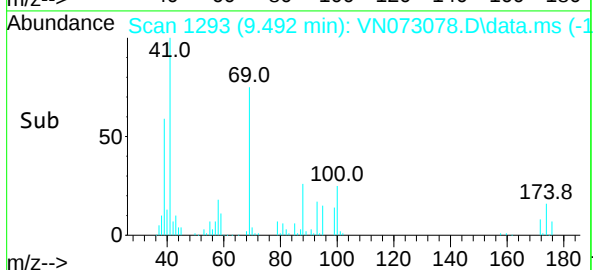
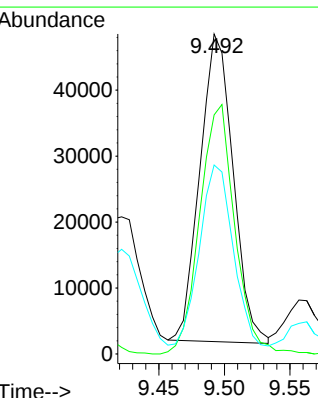
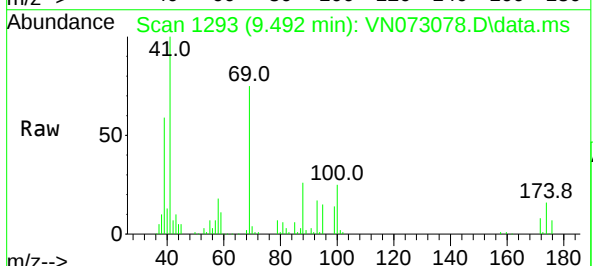
Tgt Ion: 41 Resp: 82104

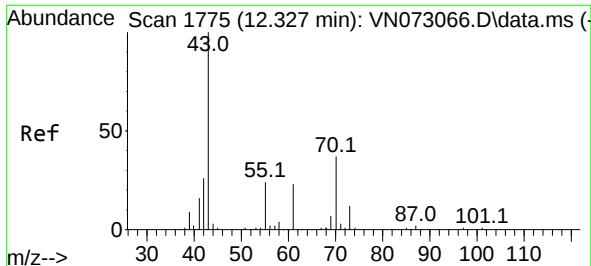
Ion Ratio Lower Upper

41 100

69 77.4 44.4 133.2

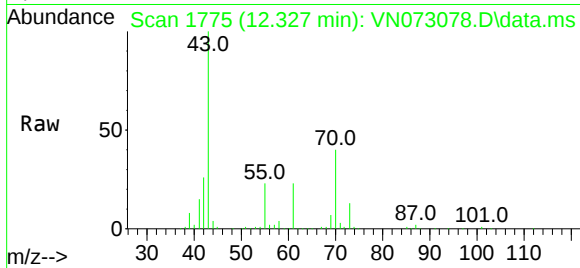
39 59.1 39.9 119.6





#47
n-amy1 Acetate
Concen: 21.074 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

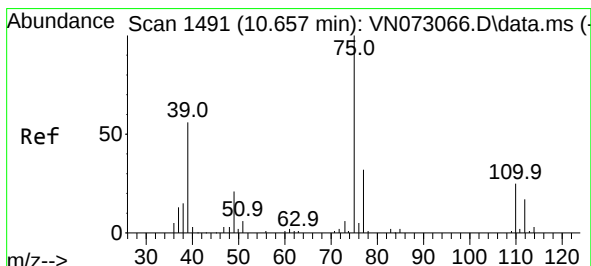
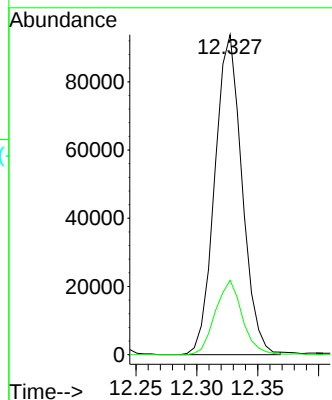
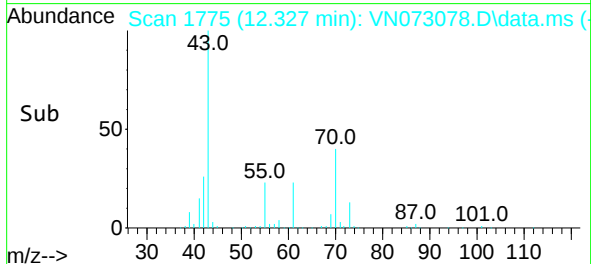
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion: 43 Resp: 145994
Ion Ratio Lower Upper
43 100
55 22.9 19.0 28.6

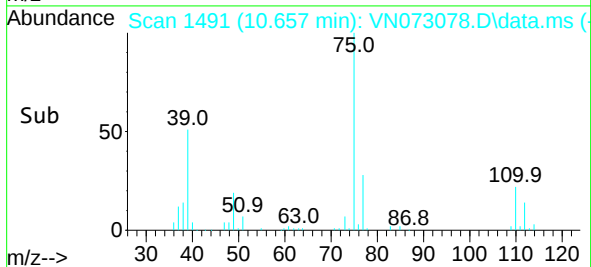
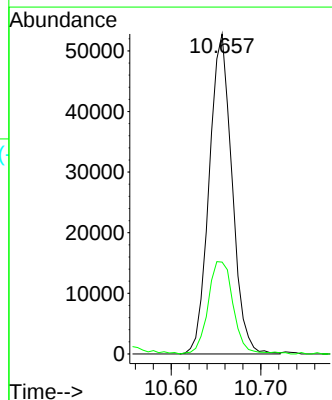
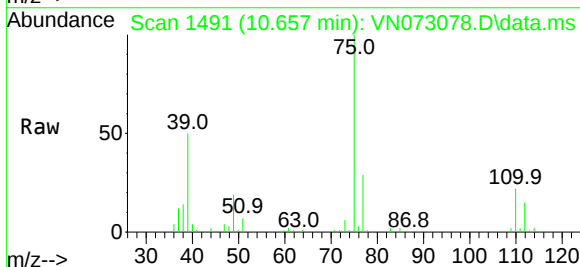
Manual Integrations
APPROVED

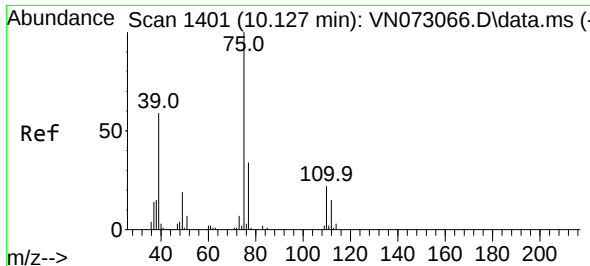
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
t-1,3-Dichloropropene
Concen: 23.530 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

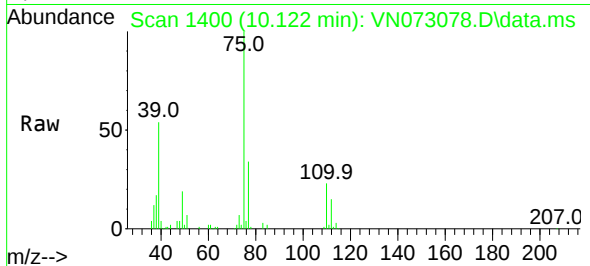
Tgt Ion: 75 Resp: 93073
Ion Ratio Lower Upper
75 100
77 28.7 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 22.953 ug/l
 RT: 10.122 min Scan# 1401
 Delta R.T. -0.006 min
 Lab File: VN073078.D
 Acq: 24 Jun 2022 12:45

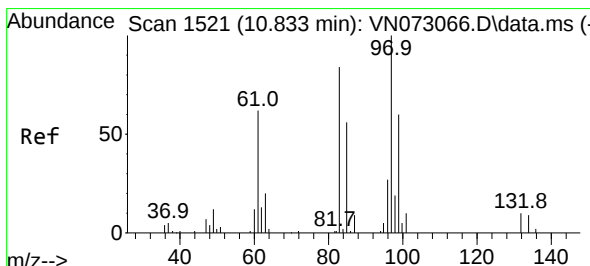
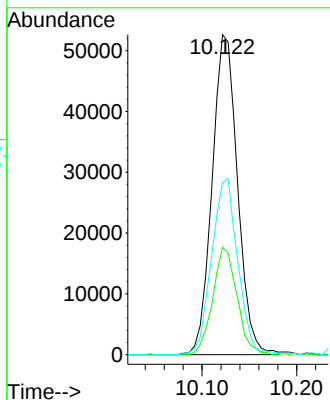
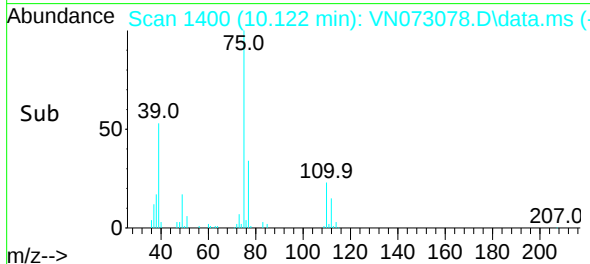
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01



Tgt Ion: 75 Resp: 98314
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.3 37.9
 39 53.7 46.2 69.4

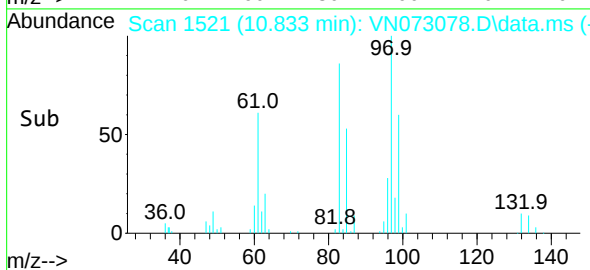
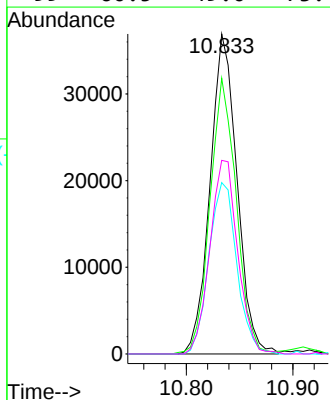
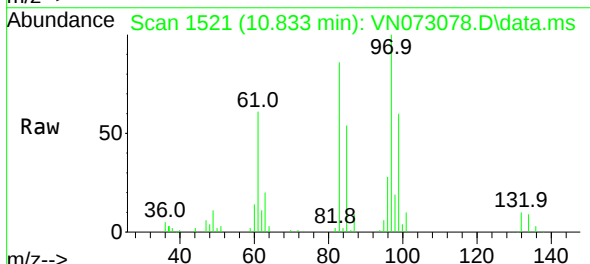
Manual Integrations
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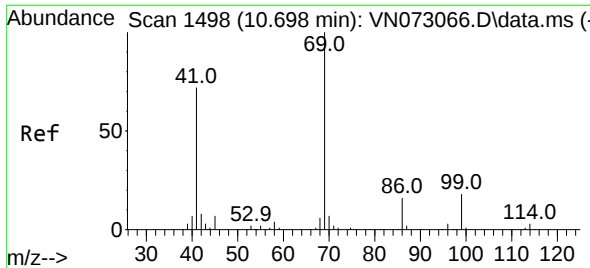
Reviewed By :John Carlone 06/25/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 21.293 ug/l
 RT: 10.833 min Scan# 1521
 Delta R.T. -0.000 min
 Lab File: VN073078.D
 Acq: 24 Jun 2022 12:45

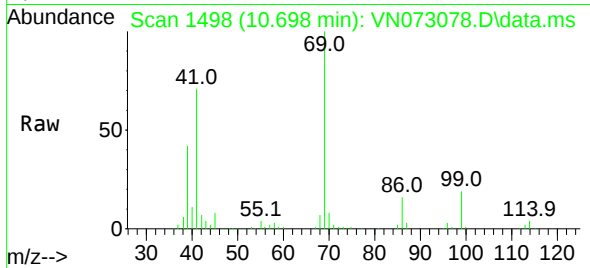
Tgt Ion: 97 Resp: 64840
 Ion Ratio Lower Upper
 97 100
 83 85.7 67.2 100.8
 85 53.6 43.0 64.4
 99 60.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.268 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

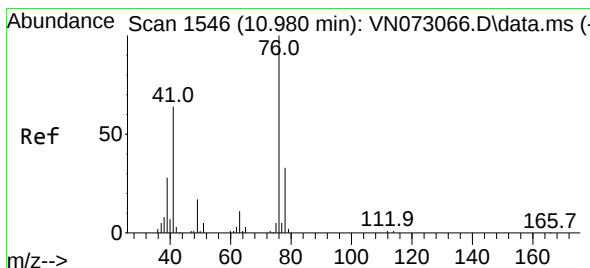
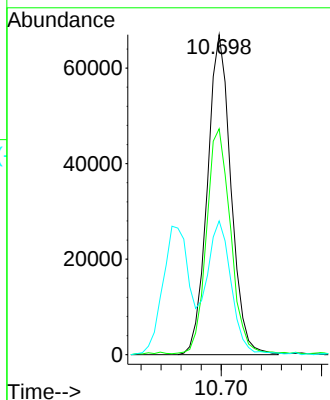
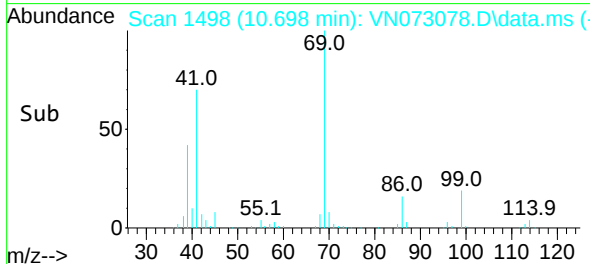
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



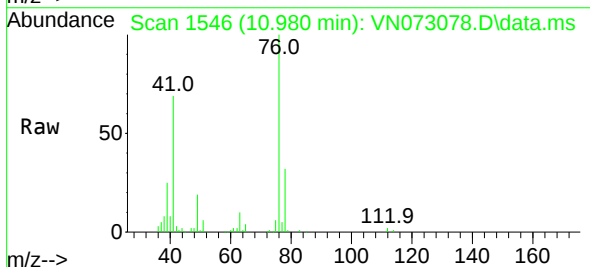
Tgt Ion: 69 Resp: 10968
Ion Ratio Lower Upper
69 100
41 70.1 33.0 98.9
39 41.3 25.4 76.4

Manual Integrations
APPROVED

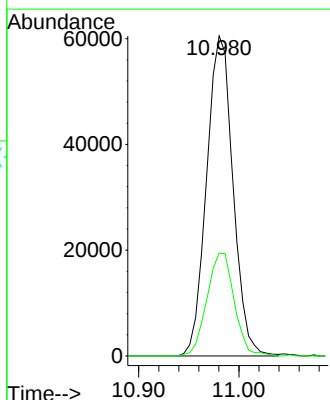
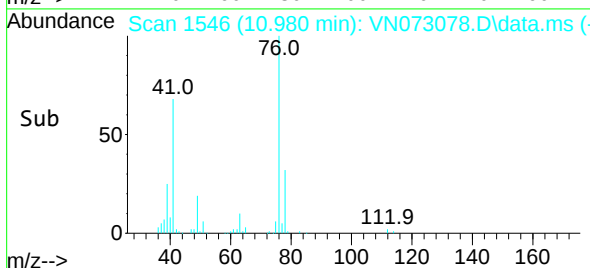
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

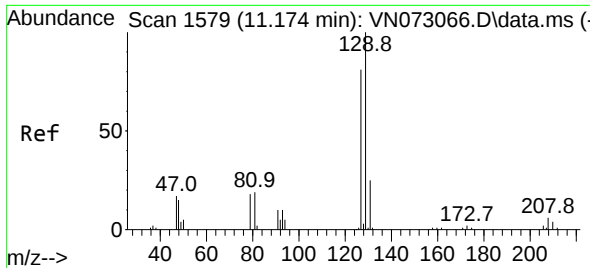


#52
1,3-Dichloropropane
Concen: 21.181 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



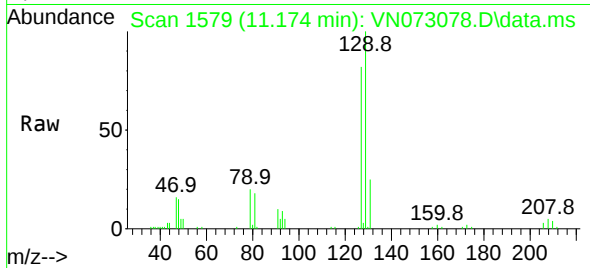
Tgt Ion: 76 Resp: 110944
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.4





#53
Dibromochloromethane
Concen: 20.489 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

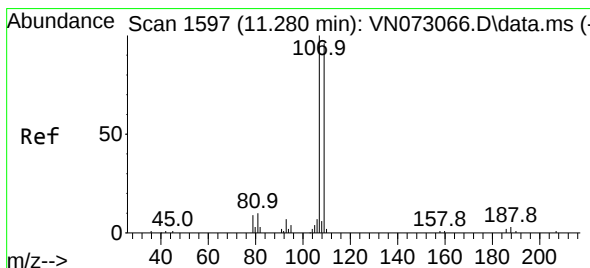
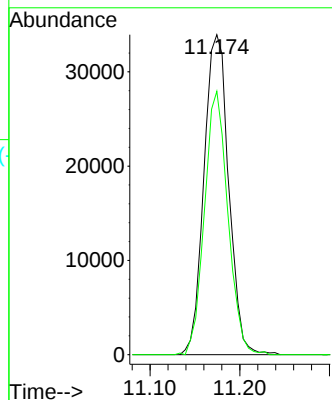
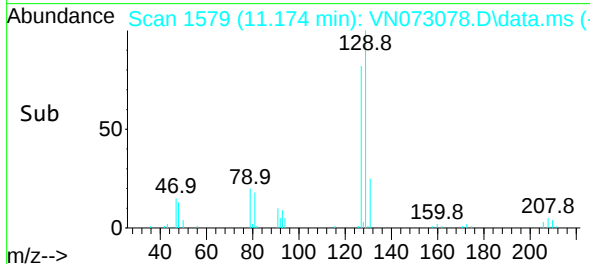
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



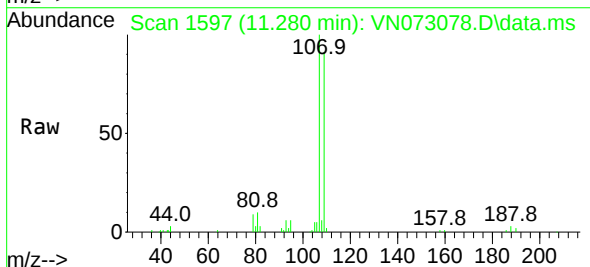
Tgt Ion:129 Resp: 64872
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

Manual Integrations
APPROVED

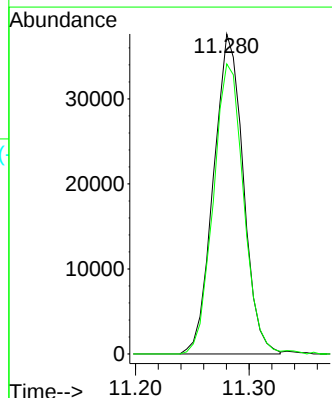
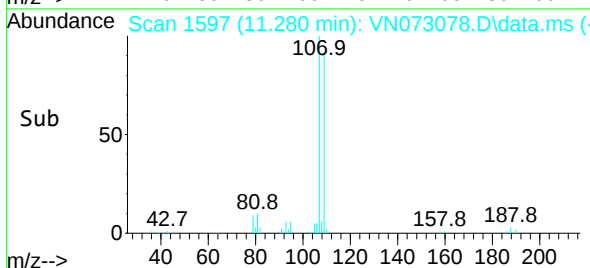
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

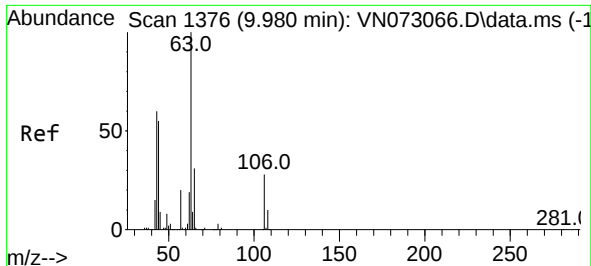


#54
1,2-Dibromoethane
Concen: 21.345 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



Tgt Ion:107 Resp: 68272
Ion Ratio Lower Upper
107 100
109 92.3 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 111.656 ug/l

RT: 9.974 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tgt Ion: 63 Resp: 24596

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.0

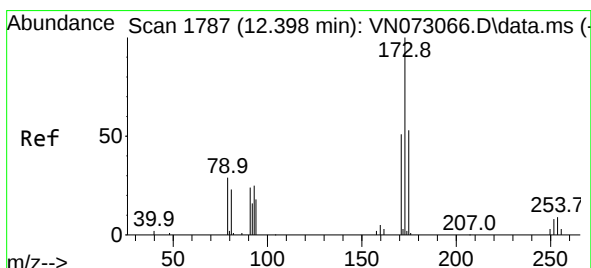
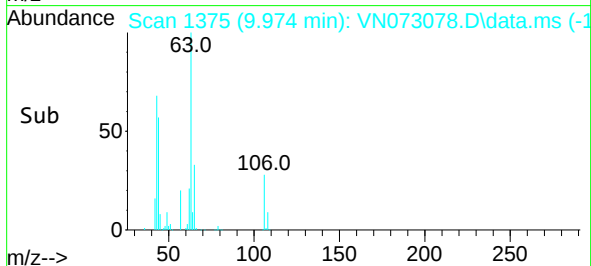
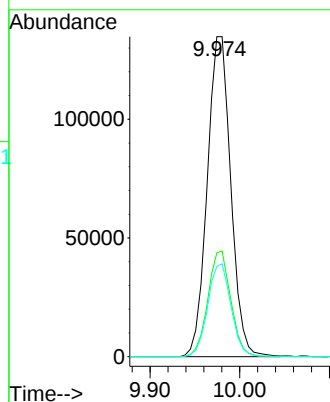
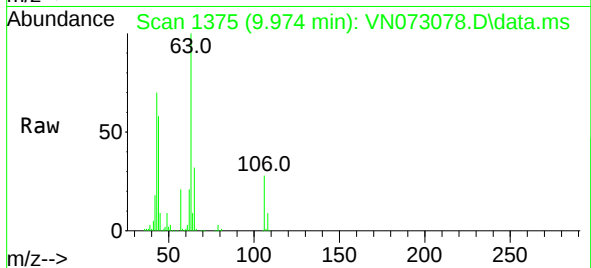
106 28.6 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

Bromoform

Concen: 19.671 ug/l

RT: 12.392 min Scan# 1786

Delta R.T. -0.006 min

Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

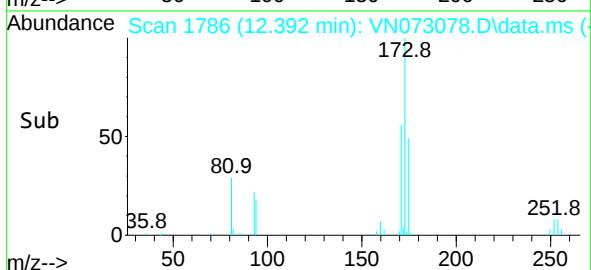
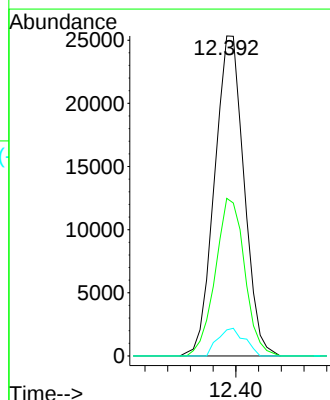
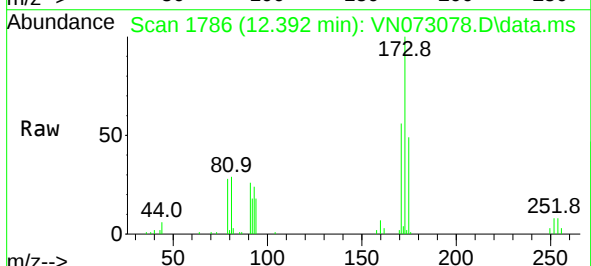
Tgt Ion:173 Resp: 45622

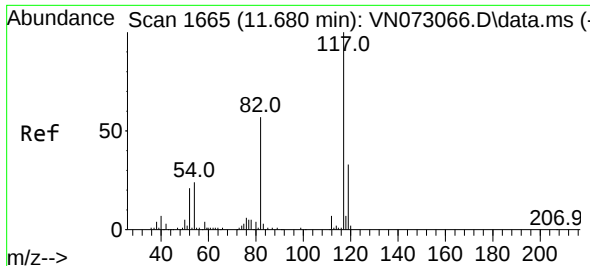
Ion Ratio Lower Upper

173 100

175 49.1 38.6 58.0

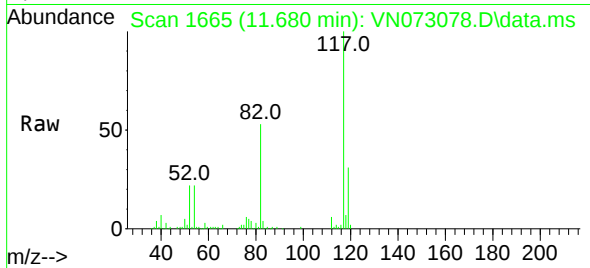
254 7.9 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

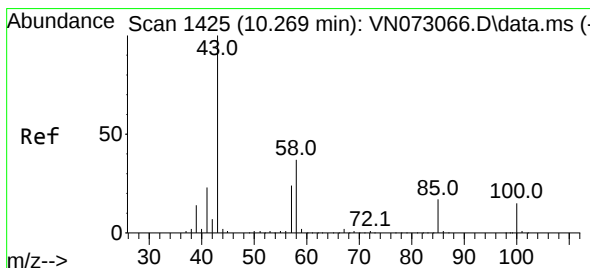
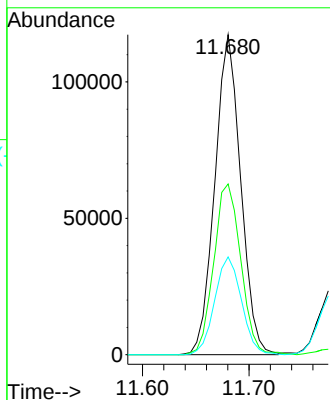
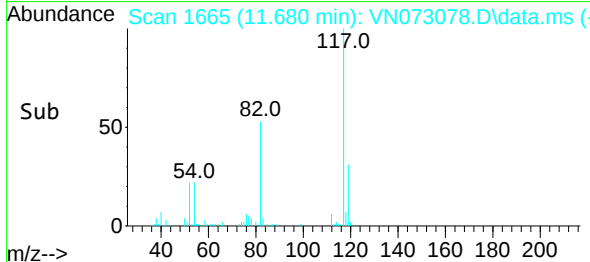
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



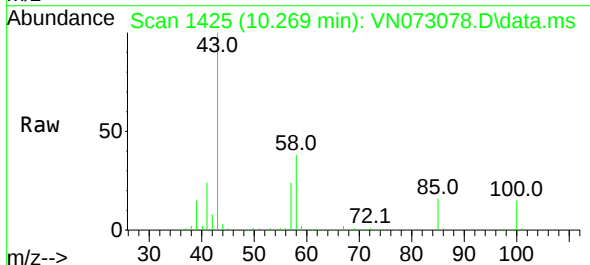
Tgt Ion: 117 Resp: 197814
Ion Ratio Lower Upper
117 100
82 55.5 43.6 65.4
119 31.6 25.8 38.6

Manual Integrations
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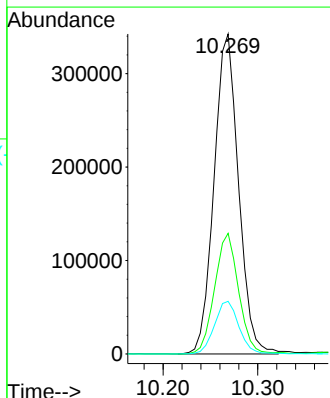
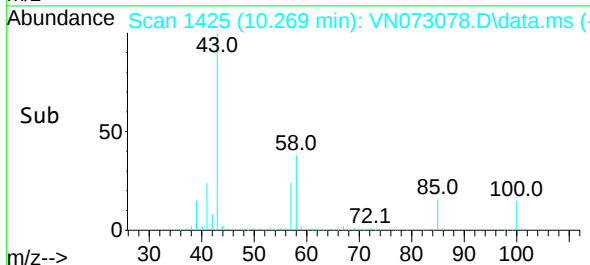
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

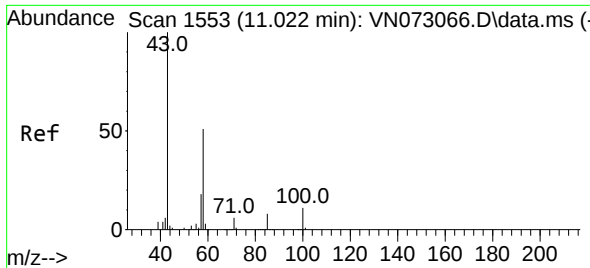


#58
4-Methyl-2-Pentanone
Concen: 106.856 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



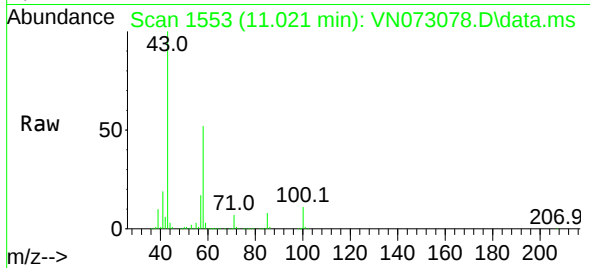
Tgt Ion: 43 Resp: 614800
Ion Ratio Lower Upper
43 100
58 36.8 30.0 45.0
85 16.5 15.0 22.6





#59
2-Hexanone
Concen: 107.795 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

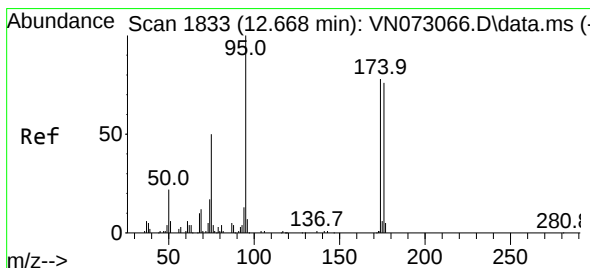
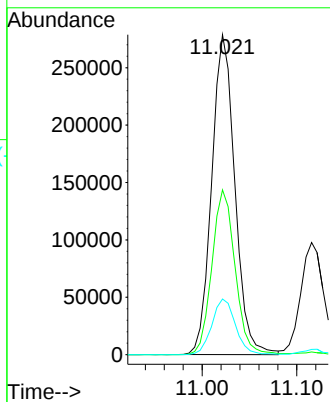
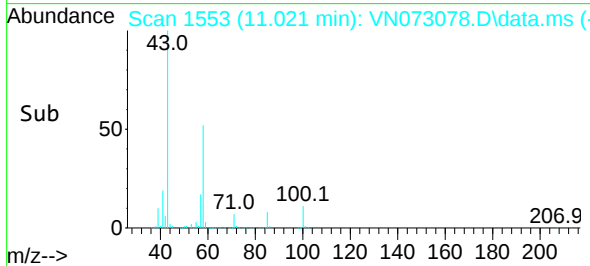
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion: 43 Resp: 473724
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.2
57 17.7 15.0 22.4

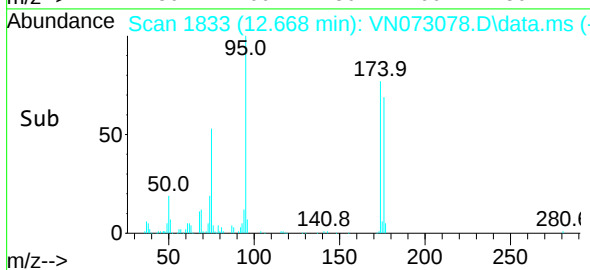
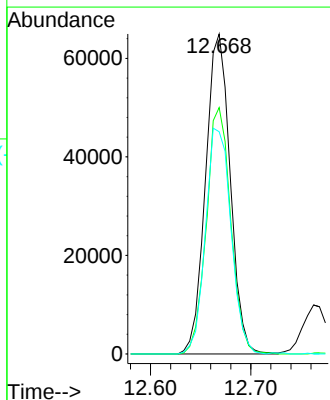
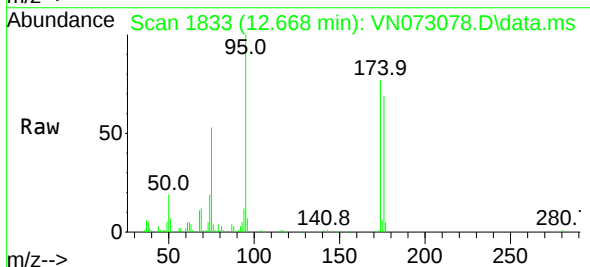
Manual Integrations
APPROVED

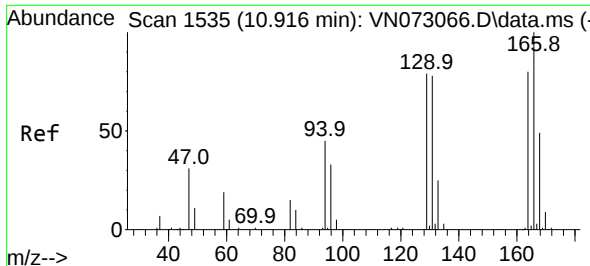
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
4-Bromofluorobenzene
Concen: 29.271 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

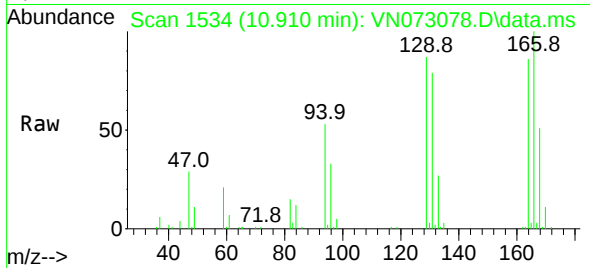
Tgt Ion: 95 Resp: 110780
Ion Ratio Lower Upper
95 100
174 76.1 62.9 94.3
176 73.0 61.0 91.4





#61
Tetrachloroethene
Concen: 18.939 ug/l
RT: 10.910 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

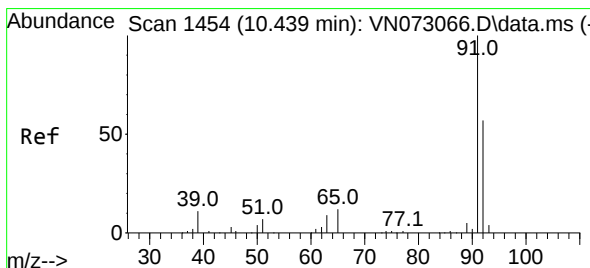
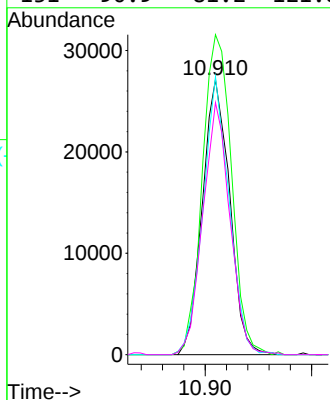
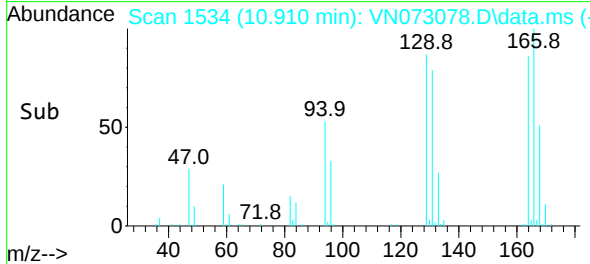
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



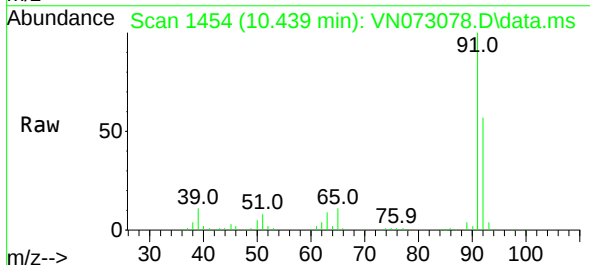
Tgt Ion:164 Resp: 48439
Ion Ratio Lower Upper
164 100
166 115.2 105.8 158.8
129 101.0 82.5 123.7
131 90.9 81.2 121.8

Manual Integrations
APPROVED

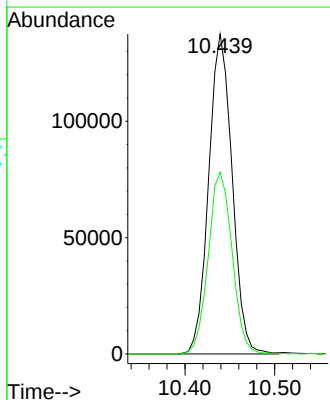
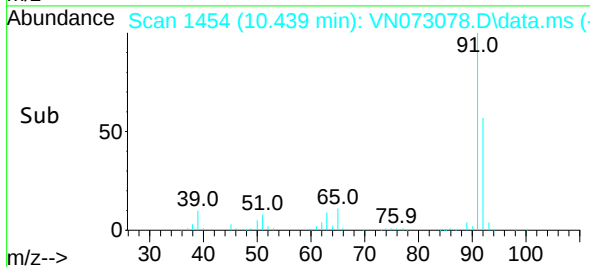
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

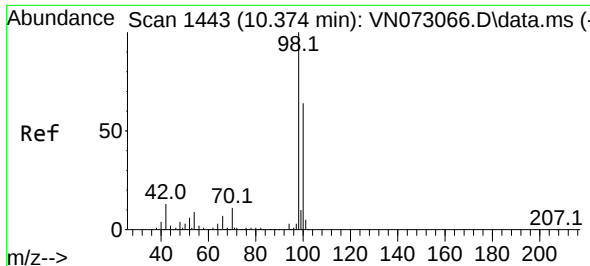


#62
Toluene
Concen: 18.973 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



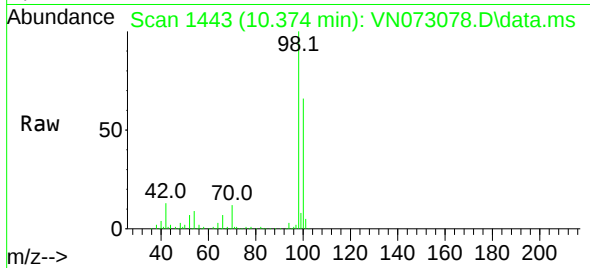
Tgt Ion: 91 Resp: 249491
Ion Ratio Lower Upper
91 100
92 57.8 44.6 67.0





#63
Toluene-d8
Concen: 29.769 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

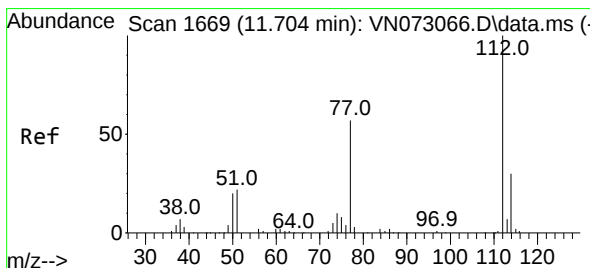
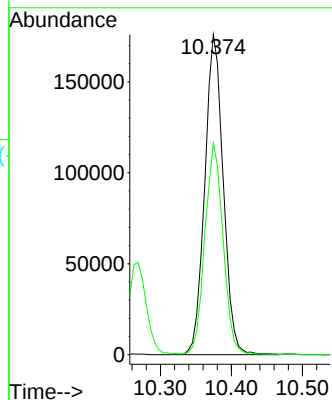
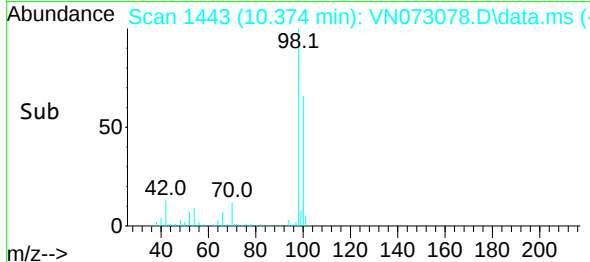
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion: 98 Resp: 318884
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

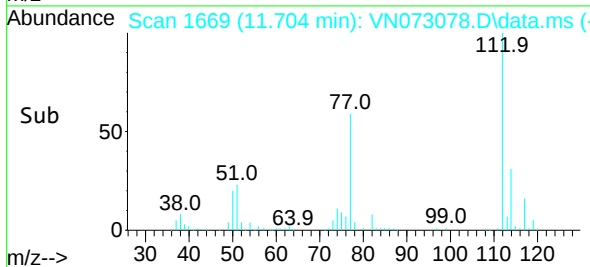
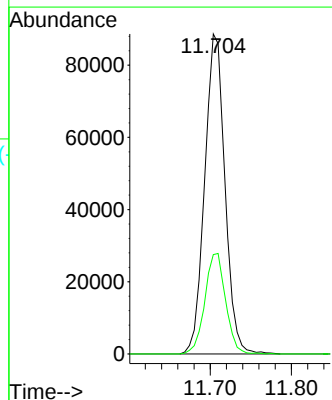
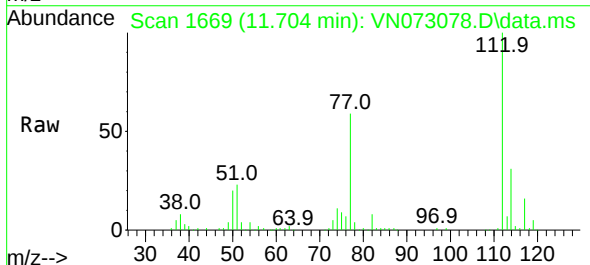
Manual Integrations
APPROVED

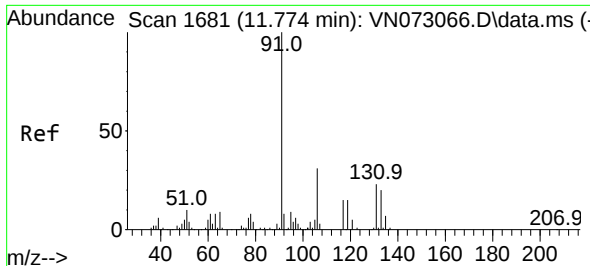
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Chlorobenzene
Concen: 19.408 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Tgt Ion:112 Resp: 153555
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6





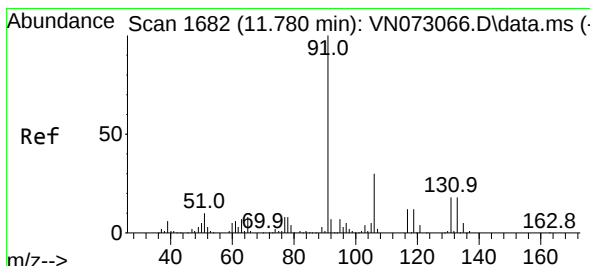
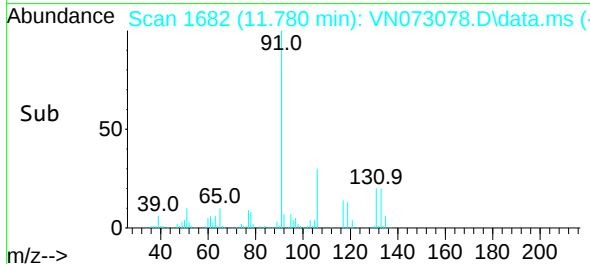
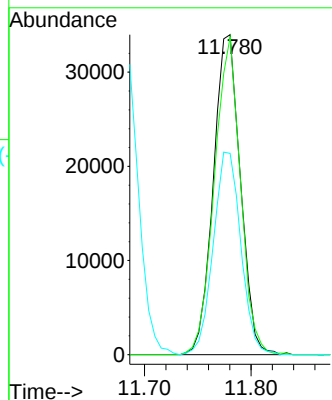
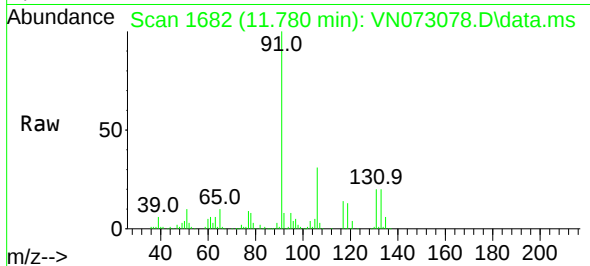
#65
1,1,1,2-Tetrachloroethane
Concen: 19.933 ug/l
RT: 11.780 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tgt Ion:131 Resp: 5991
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.2
119 64.5 0.0 128.8

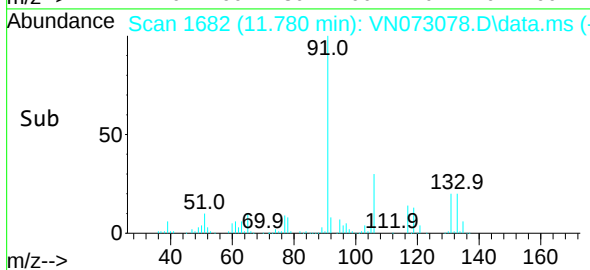
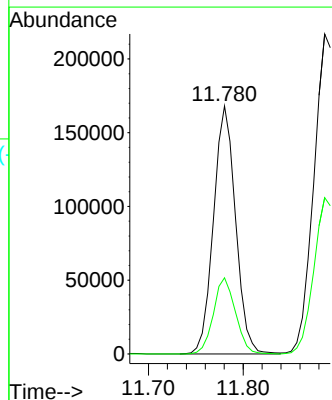
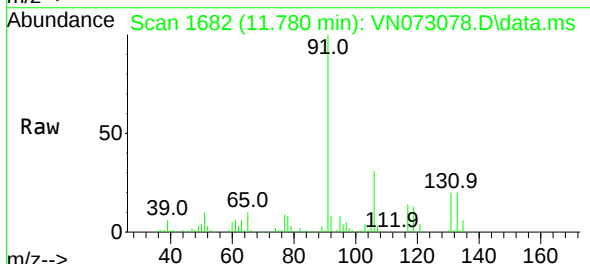
Manual Integrations
APPROVED

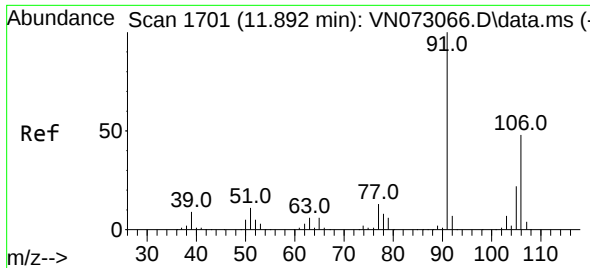
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
Ethyl Benzene
Concen: 18.826 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Tgt Ion: 91 Resp: 272727
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





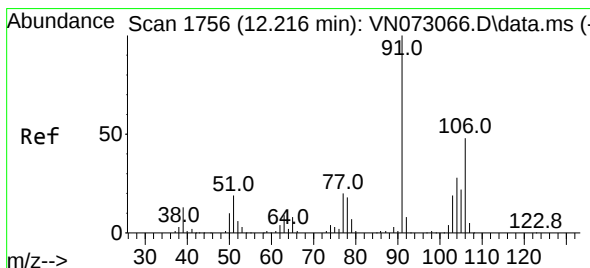
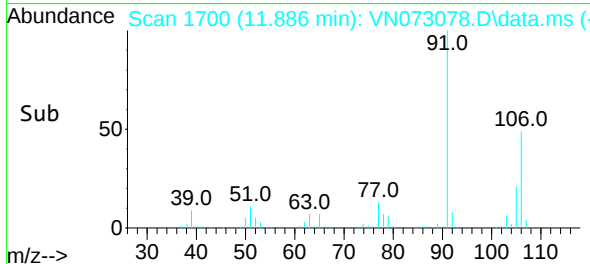
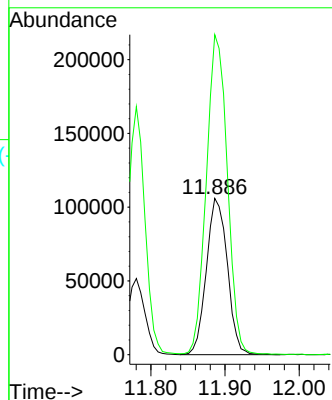
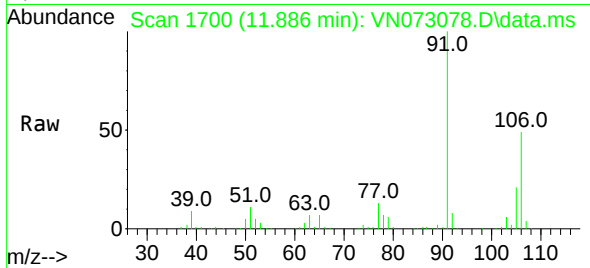
#67
m/p-Xylenes
Concen: 38.389 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tgt Ion:106 Resp: 208478
Ion Ratio Lower Upper
106 100
91 205.1 162.9 244.3

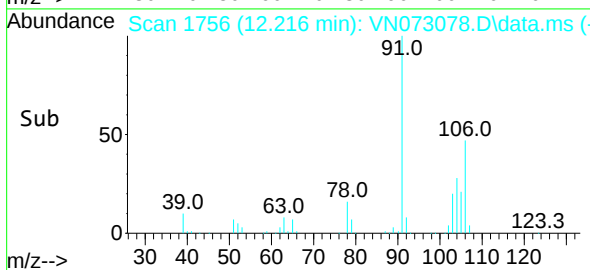
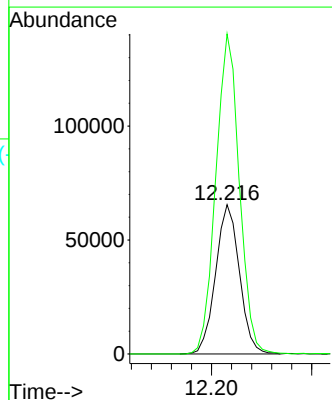
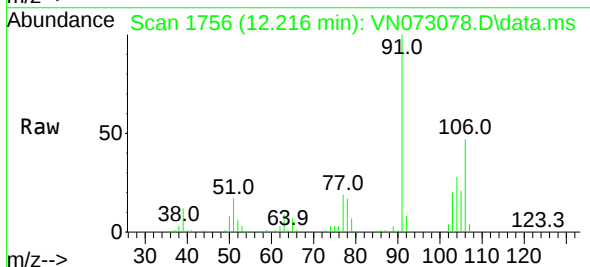
Manual Integrations
APPROVED

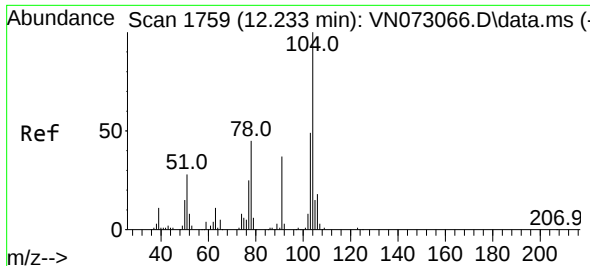
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
o-Xylene
Concen: 19.690 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

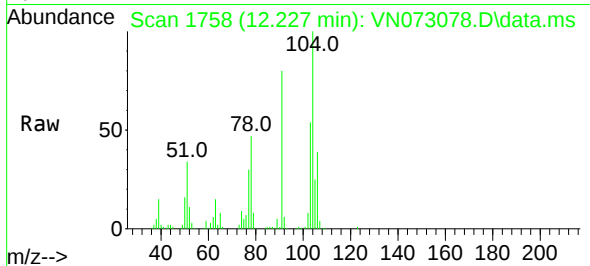
Tgt Ion:106 Resp: 107982
Ion Ratio Lower Upper
106 100
91 211.6 107.7 323.1





#69
Styrene
Concen: 19.305 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

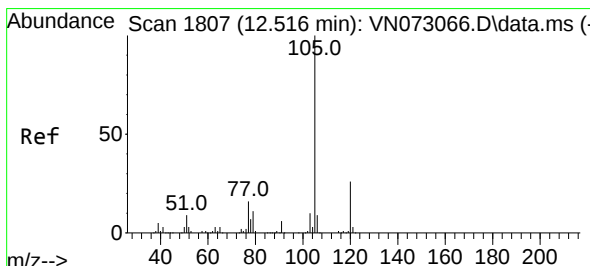
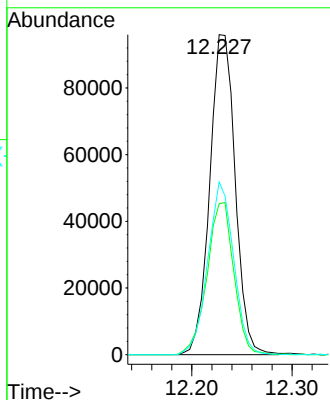
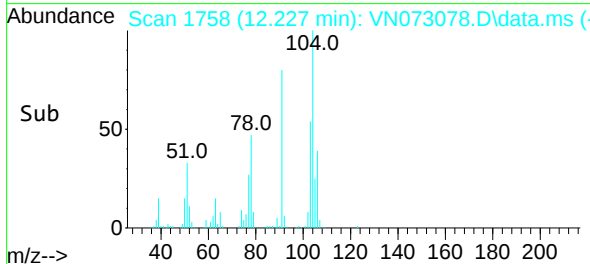
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion:104 Resp: 169468
Ion Ratio Lower Upper
104 100
78 50.1 40.7 61.1
103 54.9 45.8 68.8

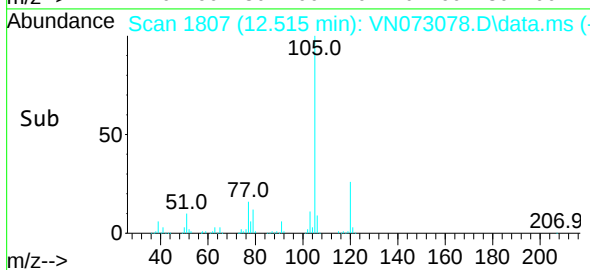
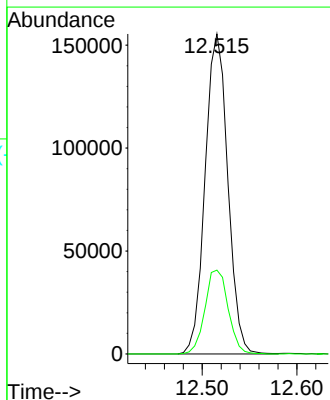
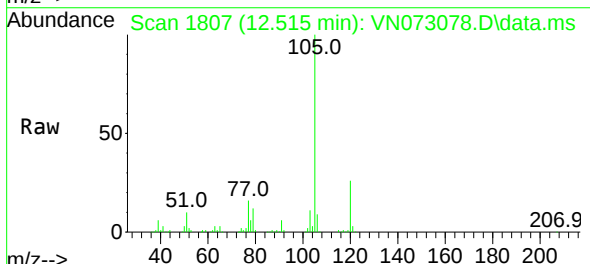
Manual Integrations
APPROVED

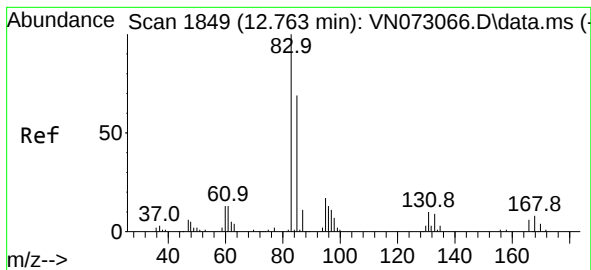
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70
Isopropylbenzene
Concen: 18.409 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

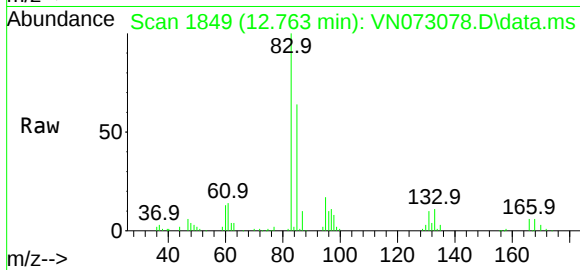
Tgt Ion:105 Resp: 258358
Ion Ratio Lower Upper
105 100
120 26.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.298 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

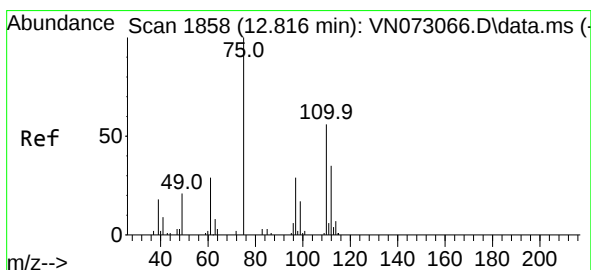
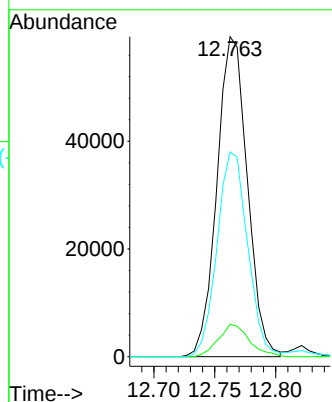
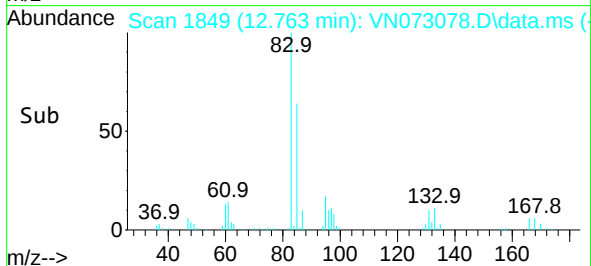
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion: 83 Resp: 103198
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.3 33.1 99.2

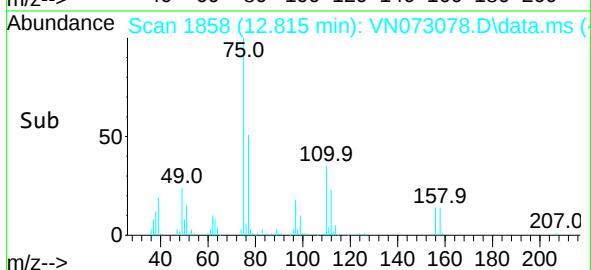
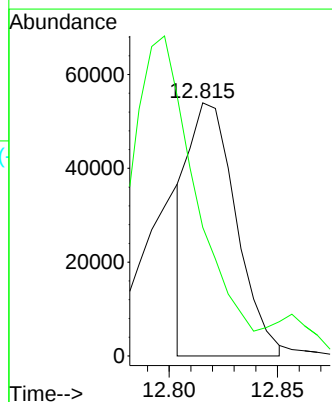
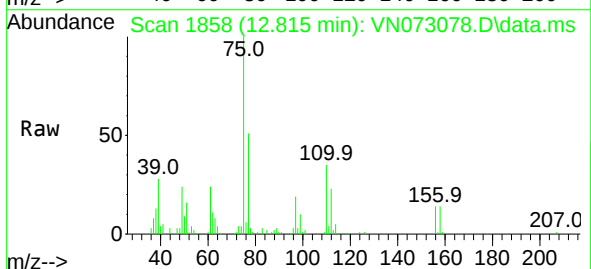
Manual Integrations
APPROVED

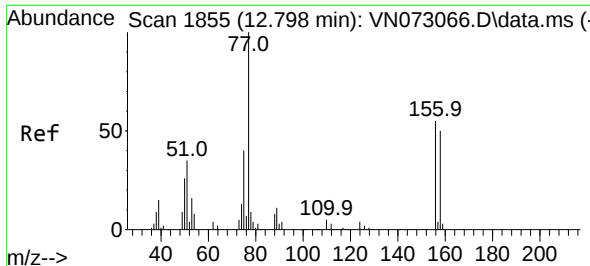
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
1,2,3-Trichloropropane
Concen: 22.199 ug/l m
RT: 12.815 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

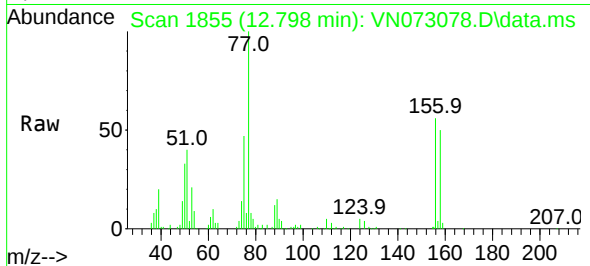
Tgt Ion: 75 Resp: 82477
Ion Ratio Lower Upper
75 100
77 173.8 0.0 378.0





#73
Bromobenzene
Concen: 19.270 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

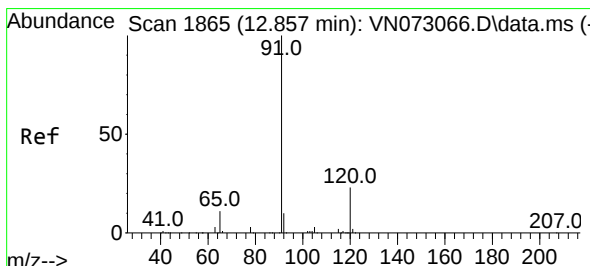
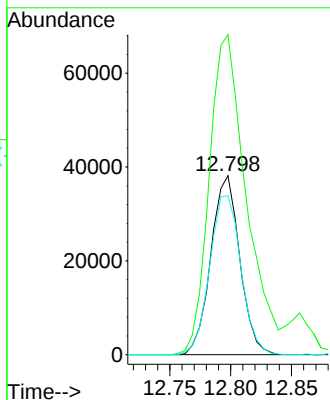
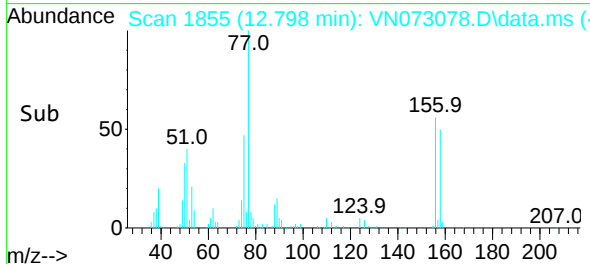
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion:156 Resp: 63070
Ion Ratio Lower Upper
156 100
77 227.3 0.0 416.0
158 96.2 0.0 195.4

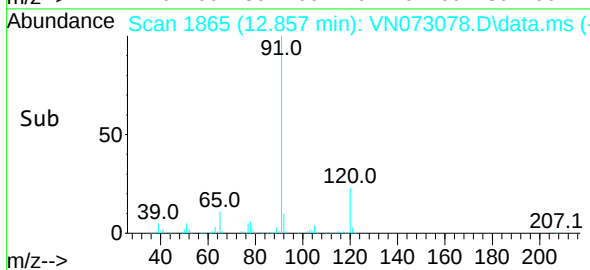
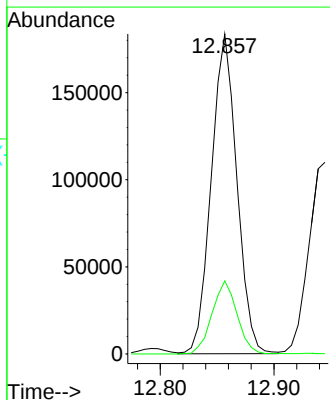
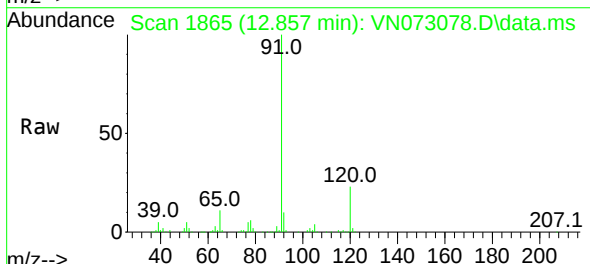
Manual Integrations
APPROVED

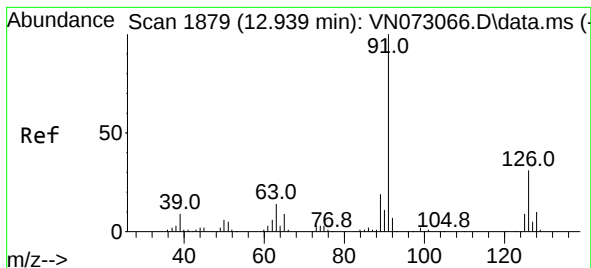
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#74
n-propylbenzene
Concen: 18.075 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Tgt Ion: 91 Resp: 287415
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





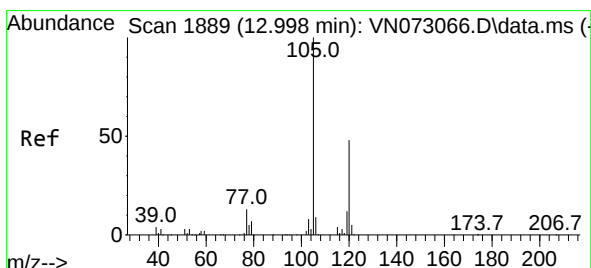
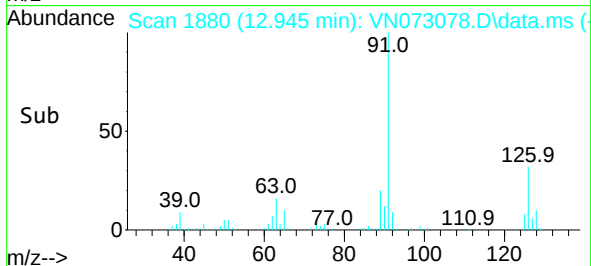
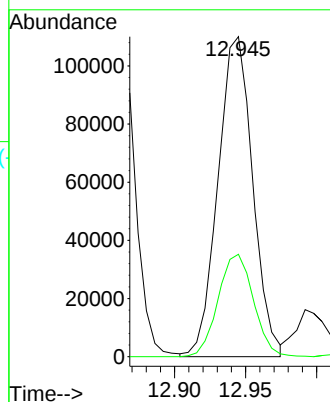
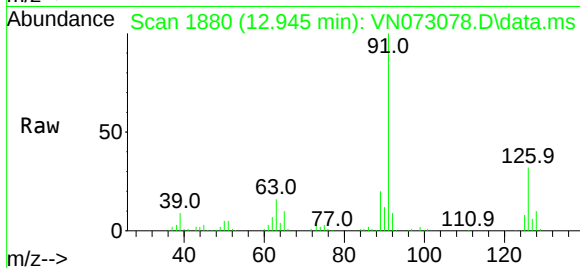
#75
2-Chlorotoluene
Concen: 18.831 ug/l
RT: 12.945 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tgt Ion: 91 Resp: 18726
Ion Ratio Lower Upper
91 100
126 32.5 0.0 69.8

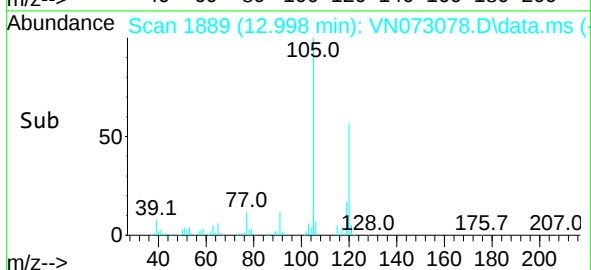
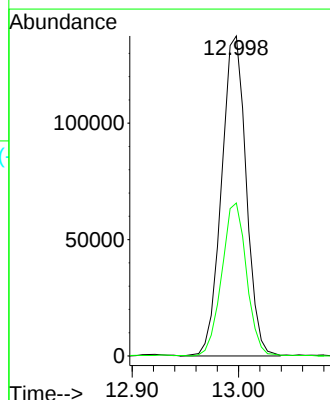
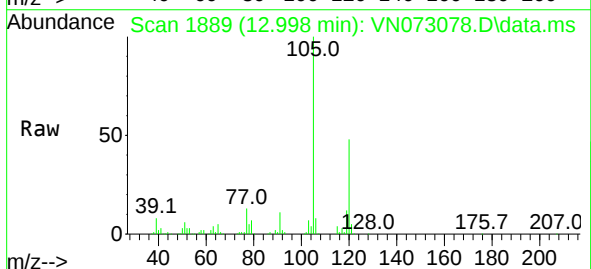
Manual Integrations
APPROVED

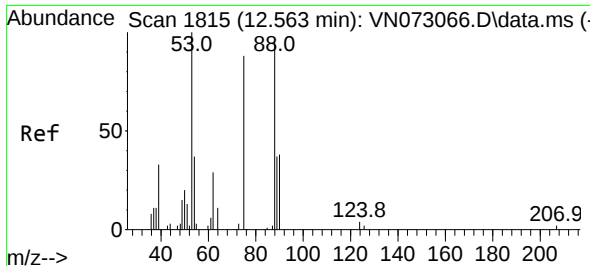
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.923 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

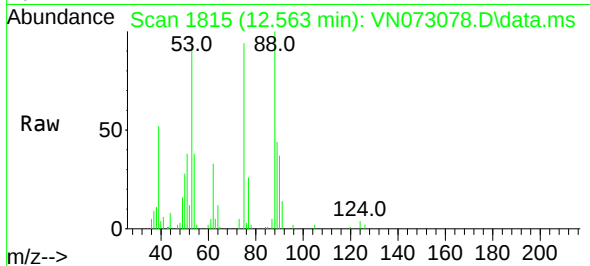
Tgt Ion:105 Resp: 220721
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 26.467 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

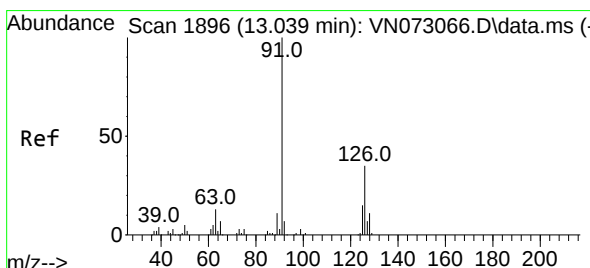
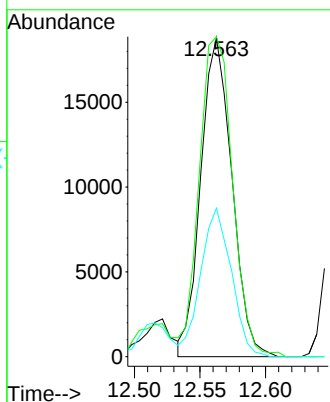
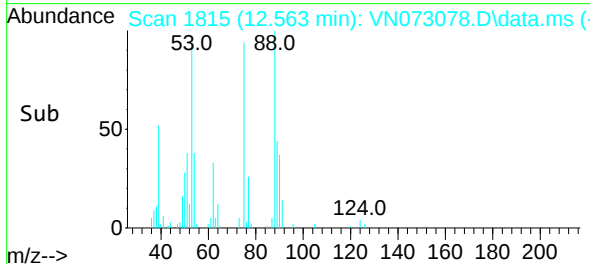
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion: 75 Resp: 3101
Ion Ratio Lower Upper
75 100
53 98.9 51.8 155.5
89 46.5 22.9 68.7

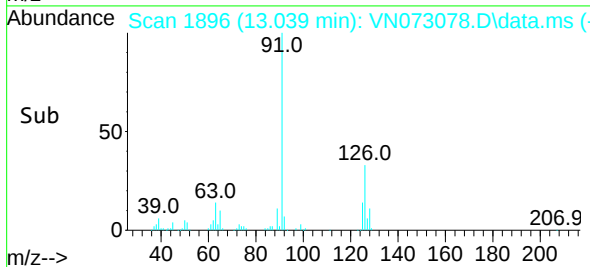
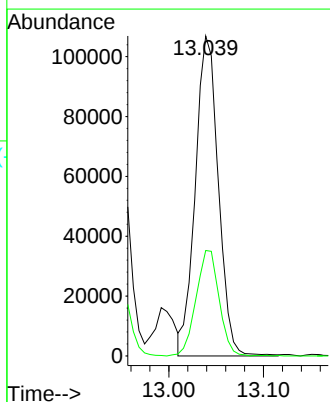
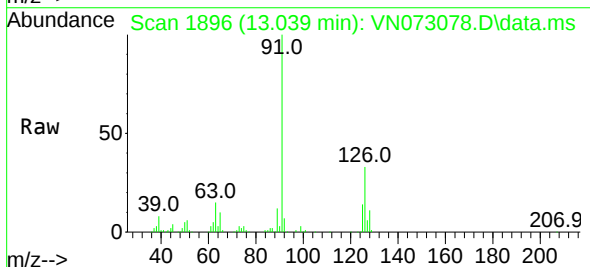
Manual Integrations
APPROVED

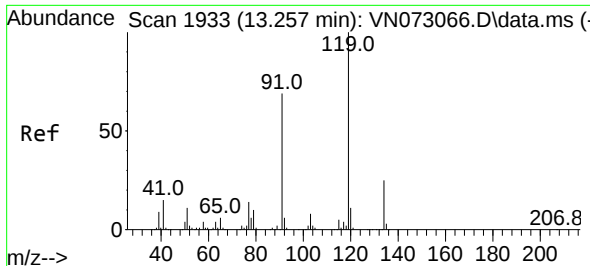
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78
4-Chlorotoluene
Concen: 18.853 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

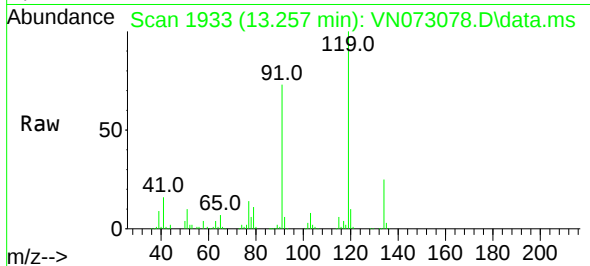
Tgt Ion: 91 Resp: 180362
Ion Ratio Lower Upper
91 100
126 33.0 0.0 70.6





#79
tert-butylbenzene
Concen: 18.377 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

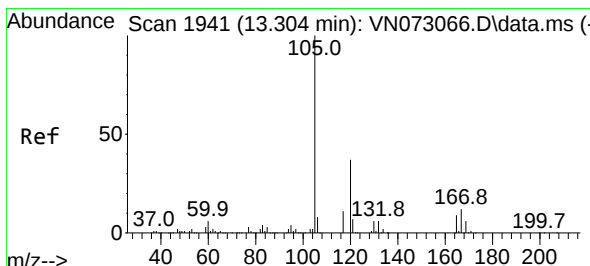
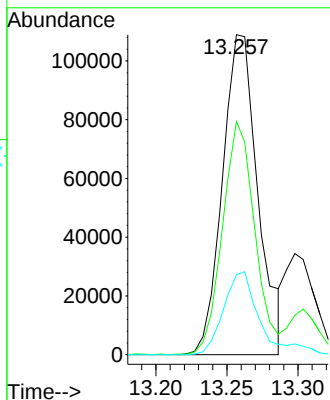
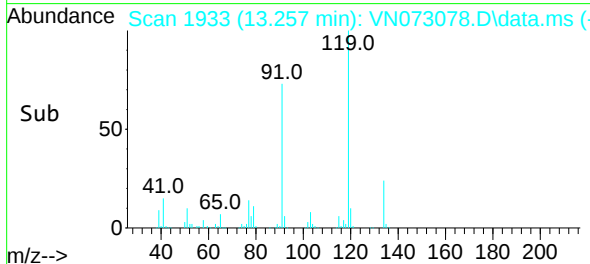
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



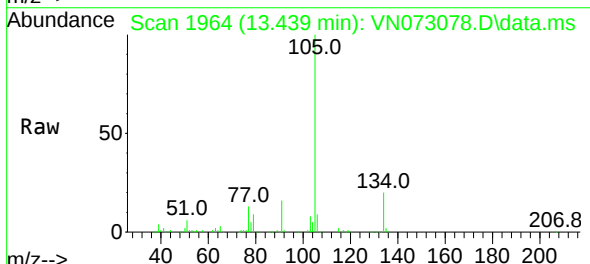
Tgt Ion:119 Resp: 189510
Ion Ratio Lower Upper
119 100
91 66.3 0.0 137.0
134 24.6 0.0 47.6

Manual Integrations
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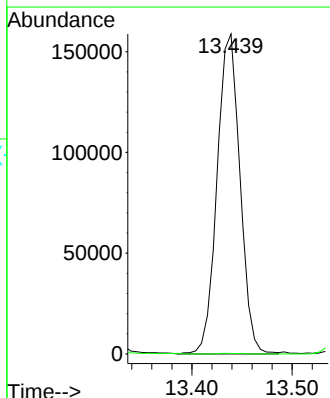
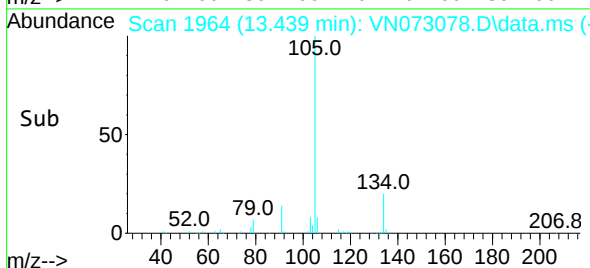
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

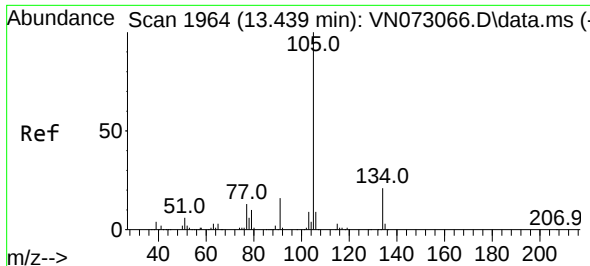


#80
1,2,4-Trimethylbenzene
Concen: 22.022 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.135 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



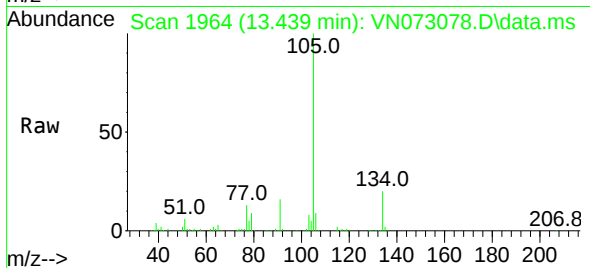
Tgt Ion:105 Resp: 252017
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 18.130 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073078.D
 Acq: 24 Jun 2022 12:45

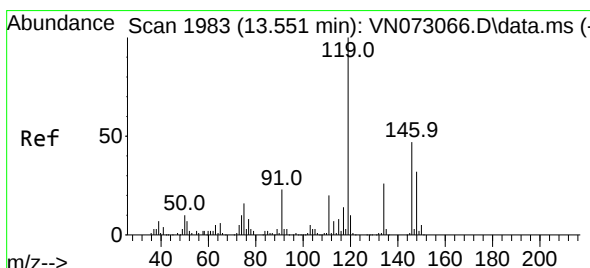
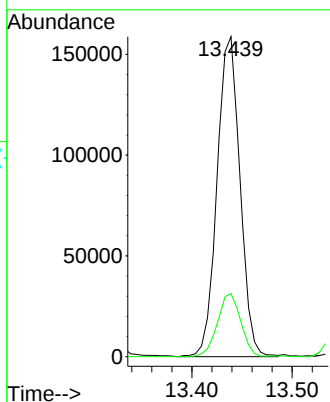
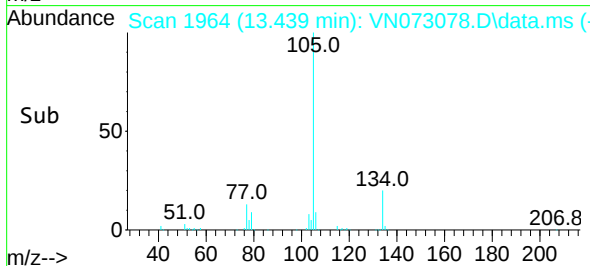
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01



Tgt Ion:105 Resp: 25201
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

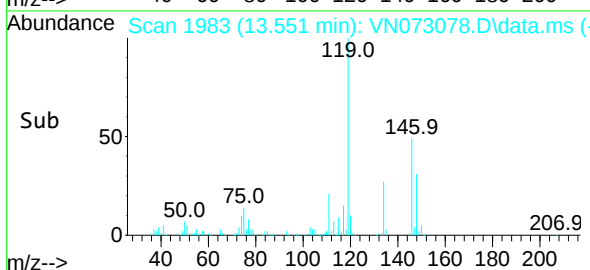
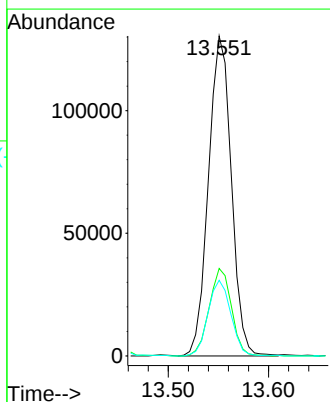
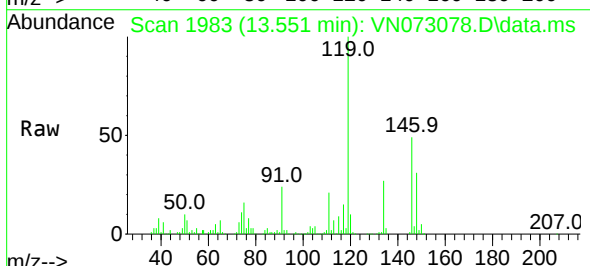
Manual Integrations
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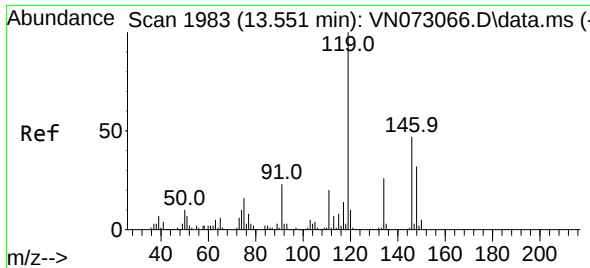
Reviewed By :John Carlone 06/25/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#82
 p-Isopropyltoluene
 Concen: 18.317 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073078.D
 Acq: 24 Jun 2022 12:45

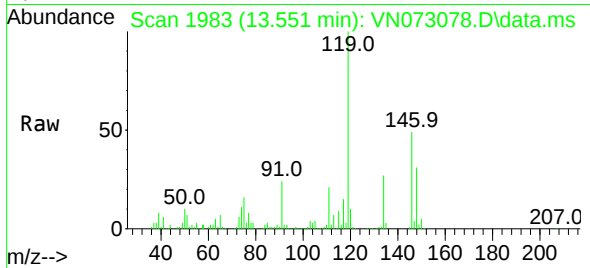
Tgt Ion:119 Resp: 206799
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 23.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.410 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

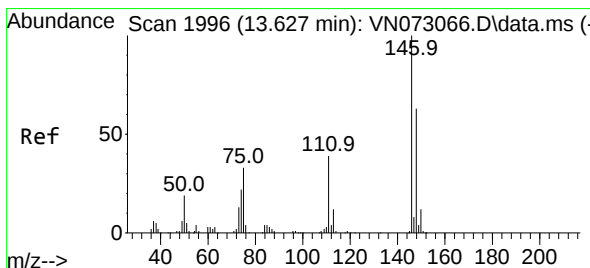
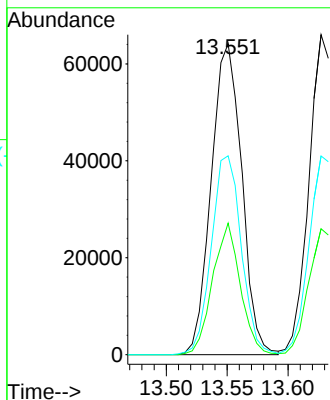
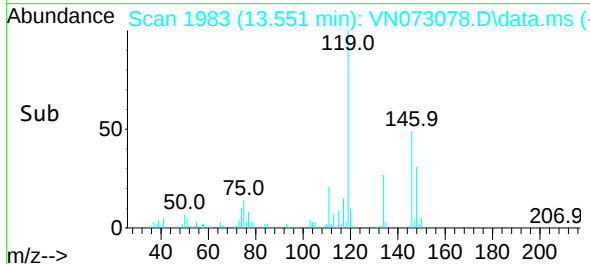
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



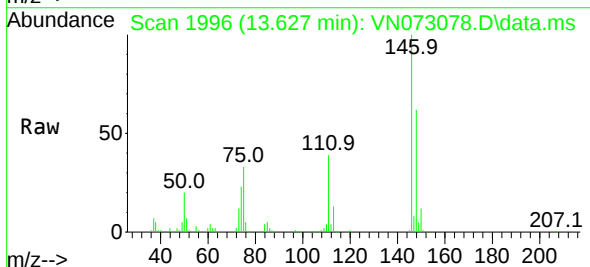
Tgt Ion:146 Resp: 111820
Ion Ratio Lower Upper
146 100
111 38.4 20.8 62.2
148 62.8 31.4 94.3

Manual Integrations
APPROVED

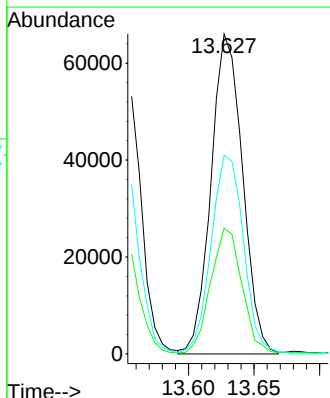
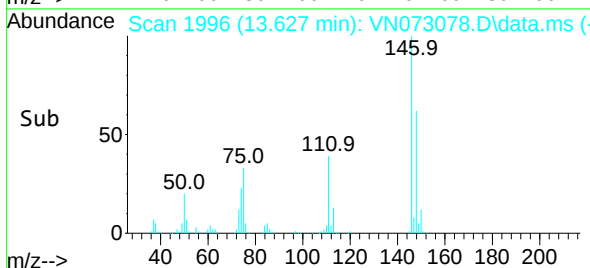
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

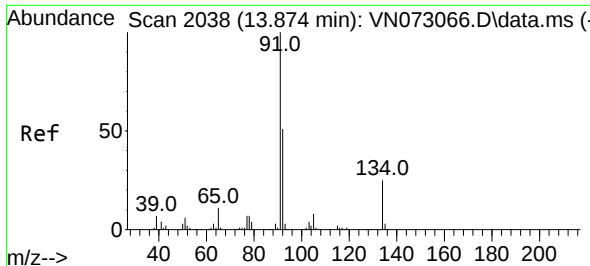


#84
1,4-Dichlorobenzene
Concen: 19.189 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



Tgt Ion:146 Resp: 110476
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 63.9 31.1 93.5





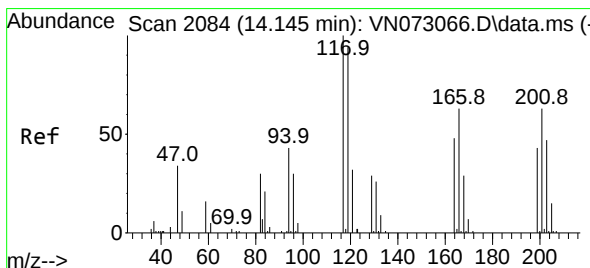
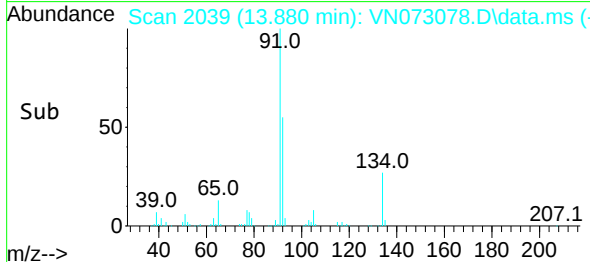
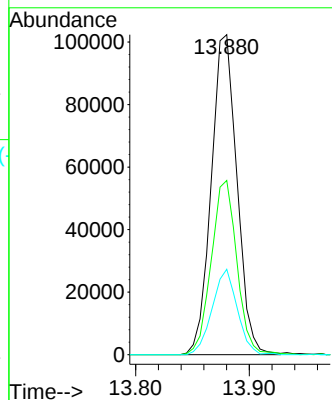
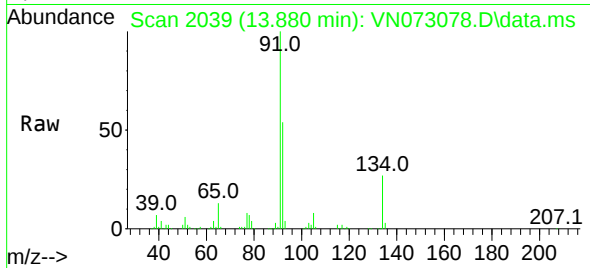
#85
n-Butylbenzene
Concen: 17.543 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tgt Ion: 91 Resp: 16116
Ion Ratio Lower Upper
91 100
92 53.9 0.0 100.6
134 25.9 0.0 50.2

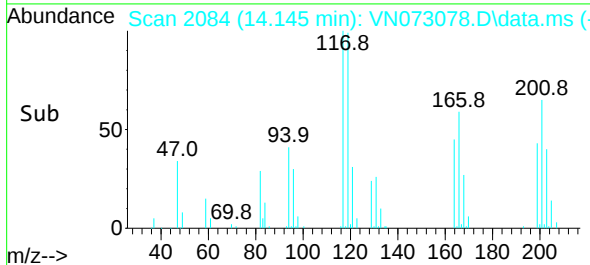
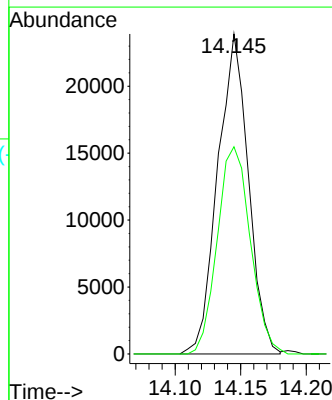
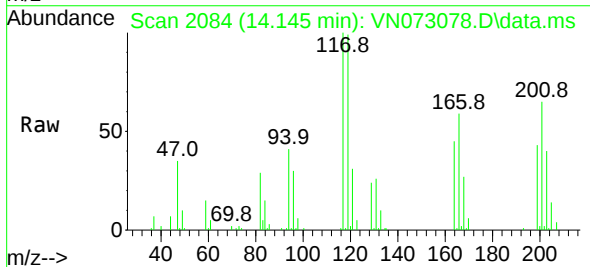
Manual Integrations
APPROVED

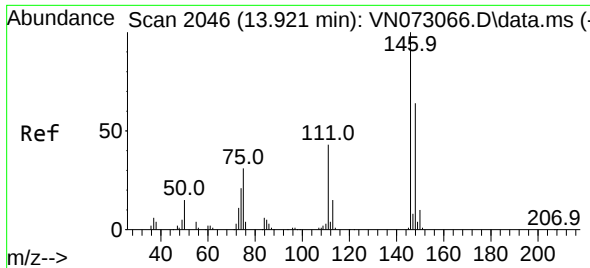
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#86
Hexachloroethane
Concen: 17.554 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

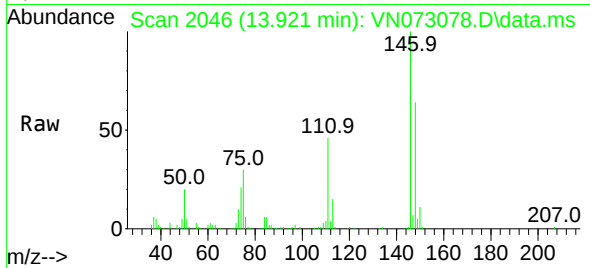
Tgt Ion:117 Resp: 38803
Ion Ratio Lower Upper
117 100
201 69.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.296 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

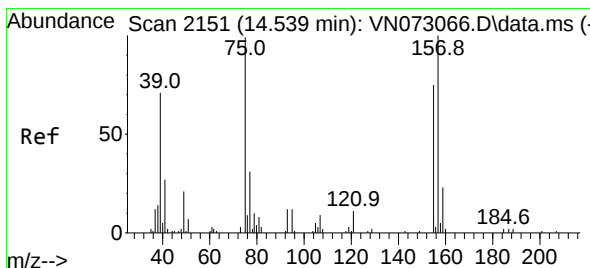
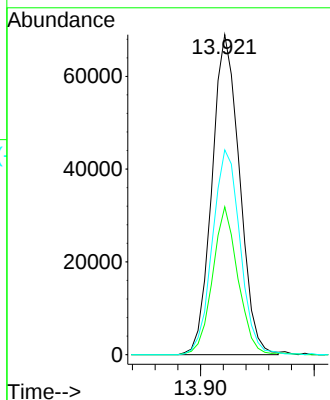
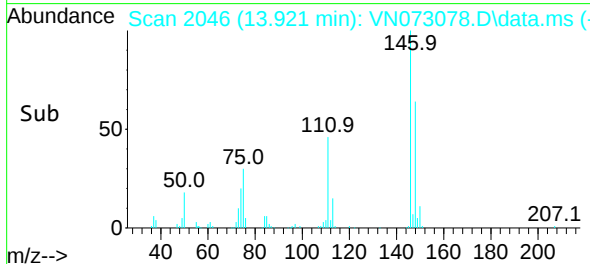
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



Tgt Ion:146 Resp: 11631
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.2
148 64.6 32.5 97.4

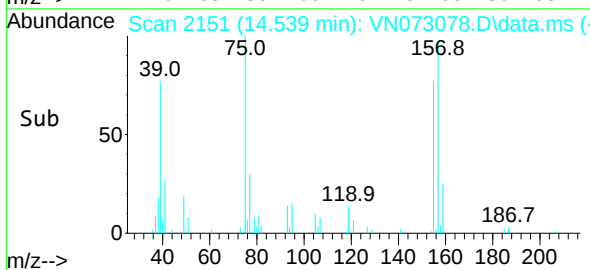
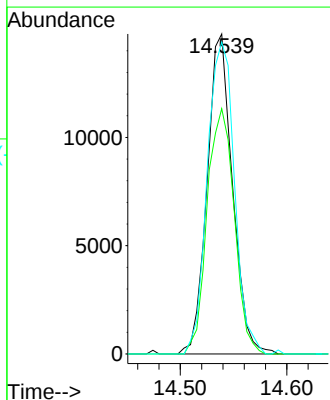
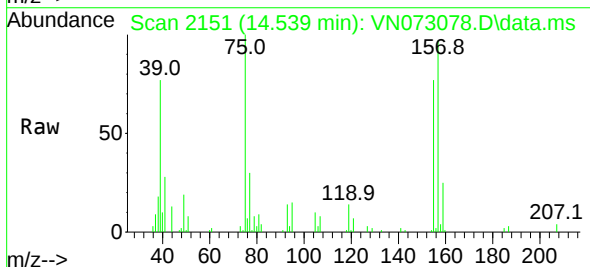
Manual Integrations
APPROVED

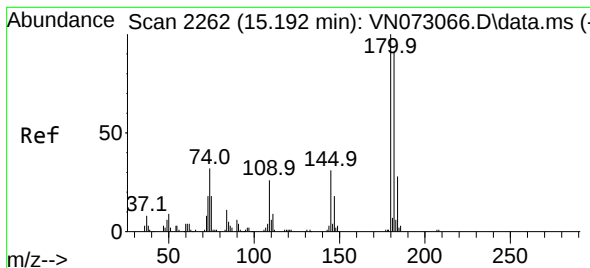
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.850 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

Tgt Ion: 75 Resp: 24505
Ion Ratio Lower Upper
75 100
155 81.6 63.8 95.8
157 104.2 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 18.653 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073078.D

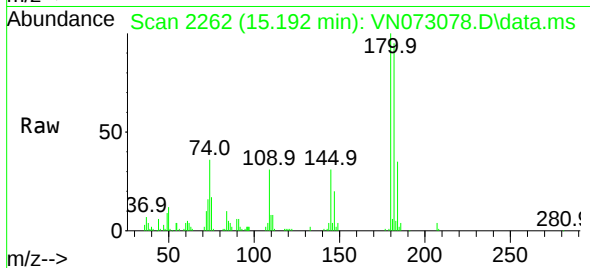
Acq: 24 Jun 2022 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01



Tgt Ion:180 Resp: 5907

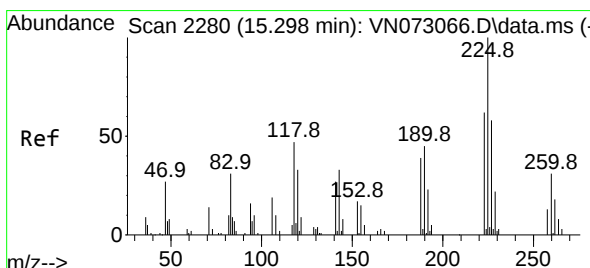
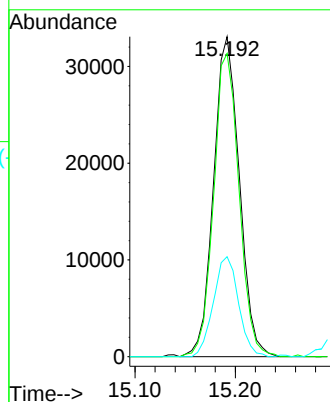
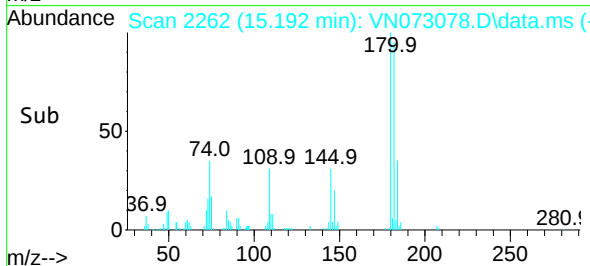
Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.7	116.5
145	30.4	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#90

Hexachlorobutadiene

Concen: 17.751 ug/l

RT: 15.292 min Scan# 2279

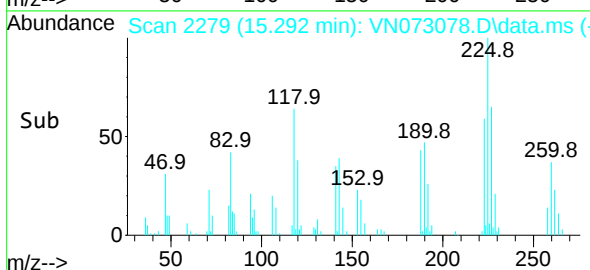
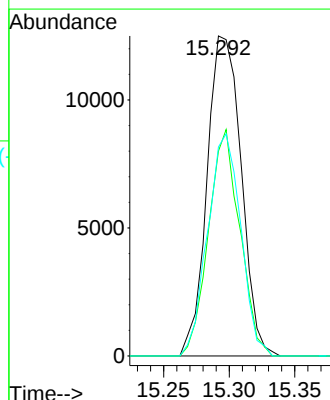
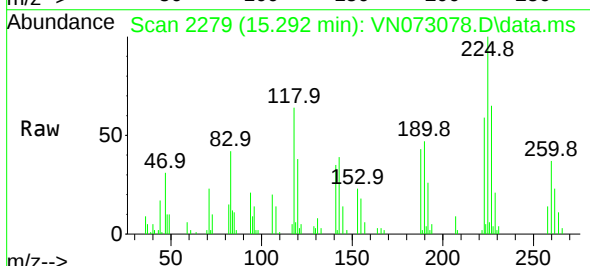
Delta R.T. -0.006 min

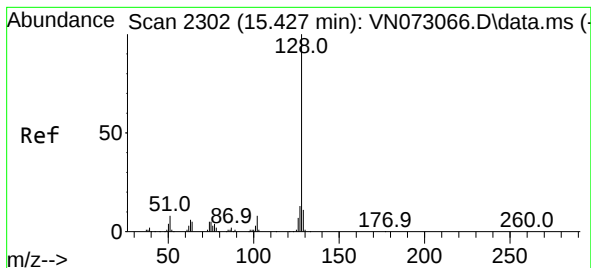
Lab File: VN073078.D

Acq: 24 Jun 2022 12:45

Tgt Ion:225 Resp: 22666

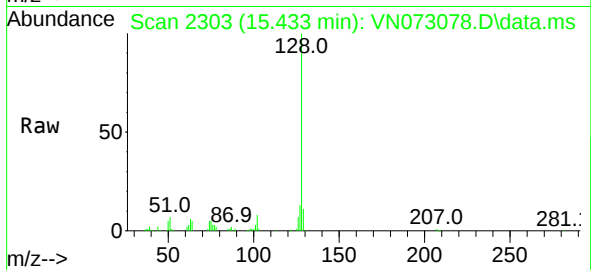
Ion	Ratio	Lower	Upper
225	100		
223	64.8	0.0	126.8
227	67.2	0.0	123.0





#91
Naphthalene
Concen: 19.707 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45

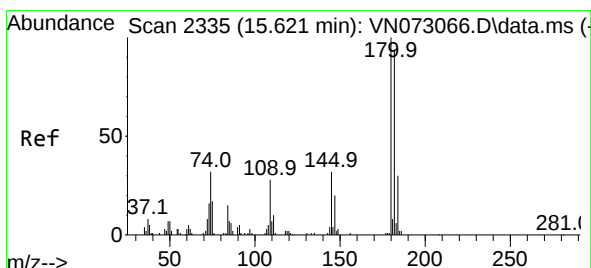
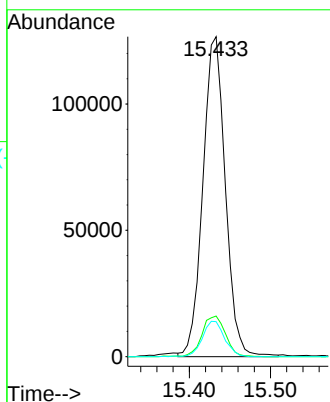
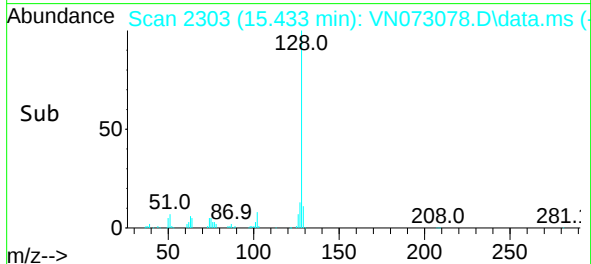
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01



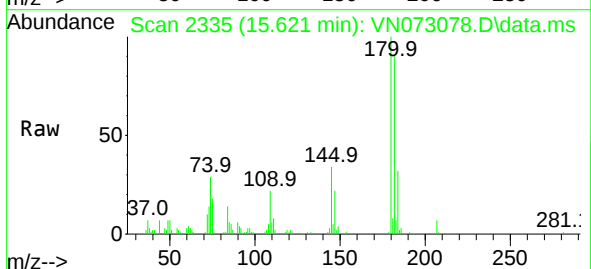
Tgt Ion:128 Resp: 243558
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.622 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VN073078.D
Acq: 24 Jun 2022 12:45



Tgt Ion:180 Resp: 60006
Ion Ratio Lower Upper
180 100
182 94.8 0.0 190.0
145 34.1 0.0 67.8

