

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077752.D
 Acq On : 19 May 2023 09:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

Quant Time: May 19 23:52:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	418361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	722657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	641708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	282090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	306141	48.906	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.820%		
35) Dibromofluoromethane	8.171	113	254508	54.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.020%		
50) Toluene-d8	10.571	98	956005	52.707	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.420%		
62) 4-Bromofluorobenzene	12.853	95	327406	51.109	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	215509	45.263	ug/l	96
3) Chloromethane	2.371	50	209968	41.281	ug/l	100
4) Vinyl Chloride	2.524	62	249307	41.531	ug/l	98
5) Bromomethane	2.965	94	182716	41.155	ug/l	99
6) Chloroethane	3.130	64	174342	40.300	ug/l	99
7) Trichlorofluoromethane	3.506	101	385815	46.118	ug/l	95
8) Diethyl Ether	3.971	74	141052	46.185	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	222118	47.977	ug/l	97
10) Methyl Iodide	4.606	142	295156	53.457	ug/l	95
11) Tert butyl alcohol	5.530	59	187253	216.752	ug/l	100
12) 1,1-Dichloroethene	4.353	96	202950	46.123	ug/l	92
13) Acrolein	4.195	56	119135	217.988	ug/l	99
14) Allyl chloride	5.036	41	277808	42.977	ug/l	93
15) Acrylonitrile	5.724	53	508557	220.343	ug/l	99
16) Acetone	4.436	43	440953	223.902	ug/l	98
17) Carbon Disulfide	4.724	76	477395	40.266	ug/l	99
18) Methyl Acetate	5.036	43	360051	43.579	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	745525	46.809	ug/l	94
20) Methylene Chloride	5.289	84	248546	48.425	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	224260	45.371	ug/l #	79
22) Diisopropyl ether	6.683	45	701124	46.274	ug/l	94
23) Vinyl Acetate	6.612	43	2052352	218.625	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	431549	46.491	ug/l	98
25) 2-Butanone	7.489	43	665559	216.039	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	382456	48.497	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	279995	47.244	ug/l	92
28) Bromochloromethane	7.818	49	181837	45.295	ug/l	91
29) Tetrahydrofuran	7.847	42	420826	208.614	ug/l #	84
30) Chloroform	7.971	83	474035	46.424	ug/l	92
31) Cyclohexane	8.265	56	360710	42.397	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	417256	48.063	ug/l	97
36) 1,1-Dichloropropene	8.377	75	337222	48.925	ug/l	99
37) Ethyl Acetate	7.565	43	257042	41.840	ug/l	96
38) Carbon Tetrachloride	8.371	117	372017	53.450	ug/l	99
39) Methylcyclohexane	9.606	83	418025	49.539	ug/l	94
40) Benzene	8.612	78	1011549	49.733	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	146540	44.790	ug/l	92
42) 1,2-Dichloroethane	8.677	62	357795	48.426	ug/l	98
43) Isopropyl Acetate	8.694	43	467875	46.626	ug/l	96
44) Trichloroethene	9.359	130	269965	52.418	ug/l	98
45) 1,2-Dichloropropane	9.630	63	264814	51.043	ug/l	95
46) Dibromomethane	9.712	93	185621	50.000	ug/l	95
47) Bromodichloromethane	9.894	83	373151	52.501	ug/l	97
48) Methyl methacrylate	9.688	41	217642	45.746	ug/l	89
49) 1,4-Dioxane	9.700	88	91974	1023.544	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	1373379	230.251	ug/l	94
52) Toluene	10.635	92	651832	51.477	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	394243	52.380	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	426798	51.457	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	257442	51.204	ug/l	96
56) Ethyl methacrylate	10.882	69	375330	49.373	ug/l	92
57) 1,3-Dichloropropane	11.171	76	438560	50.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	890913	238.220	ug/l	93
59) 2-Hexanone	11.200	43	983209	222.857	ug/l	93
60) Dibromochloromethane	11.365	129	284772	54.865	ug/l	100
61) 1,2-Dibromoethane	11.477	107	261600	52.155	ug/l	99
64) Tetrachloroethene	11.112	164	256005	57.047	ug/l	98
65) Chlorobenzene	11.900	112	704767	50.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	270208	56.135	ug/l	97
67) Ethyl Benzene	11.971	91	1259725	50.530	ug/l	99
68) m/p-Xylenes	12.077	106	974658	103.180	ug/l	100
69) o-Xylene	12.406	106	482574	51.946	ug/l	99
70) Styrene	12.418	104	772956	52.377	ug/l	98
71) Bromoform	12.582	173	184901	57.743	ug/l #	99
73) Isopropylbenzene	12.700	105	1252715	51.518	ug/l	99
74) N-amyl acetate	12.500	43	372876	41.486	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	341507	45.652	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	297194m	42.068	ug/l	
77) Bromobenzene	12.988	156	279012	50.280	ug/l	97
78) n-propylbenzene	13.041	91	1447725	50.501	ug/l	99
79) 2-Chlorotoluene	13.129	91	856505	50.070	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1059589	51.847	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	108169	48.944	ug/l	99
82) 4-Chlorotoluene	13.229	91	821034	48.239	ug/l	98
83) tert-Butylbenzene	13.447	119	930235	52.140	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1053031	52.391	ug/l	98
85) sec-Butylbenzene	13.623	105	1315900	51.898	ug/l	100
86) p-Isopropyltoluene	13.735	119	1089029	53.874	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	518564	50.531	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	506099	49.698	ug/l	100
89) n-Butylbenzene	14.065	91	939118	50.510	ug/l	99
90) Hexachloroethane	14.341	117	184922	55.687	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	508894	53.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	63471	43.826	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	255454	45.597	ug/l	97
94) Hexachlorobutadiene	15.512	225	121245	52.123	ug/l	98
95) Naphthalene	15.647	128	758010	39.308	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	251264	45.806	ug/l	97

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

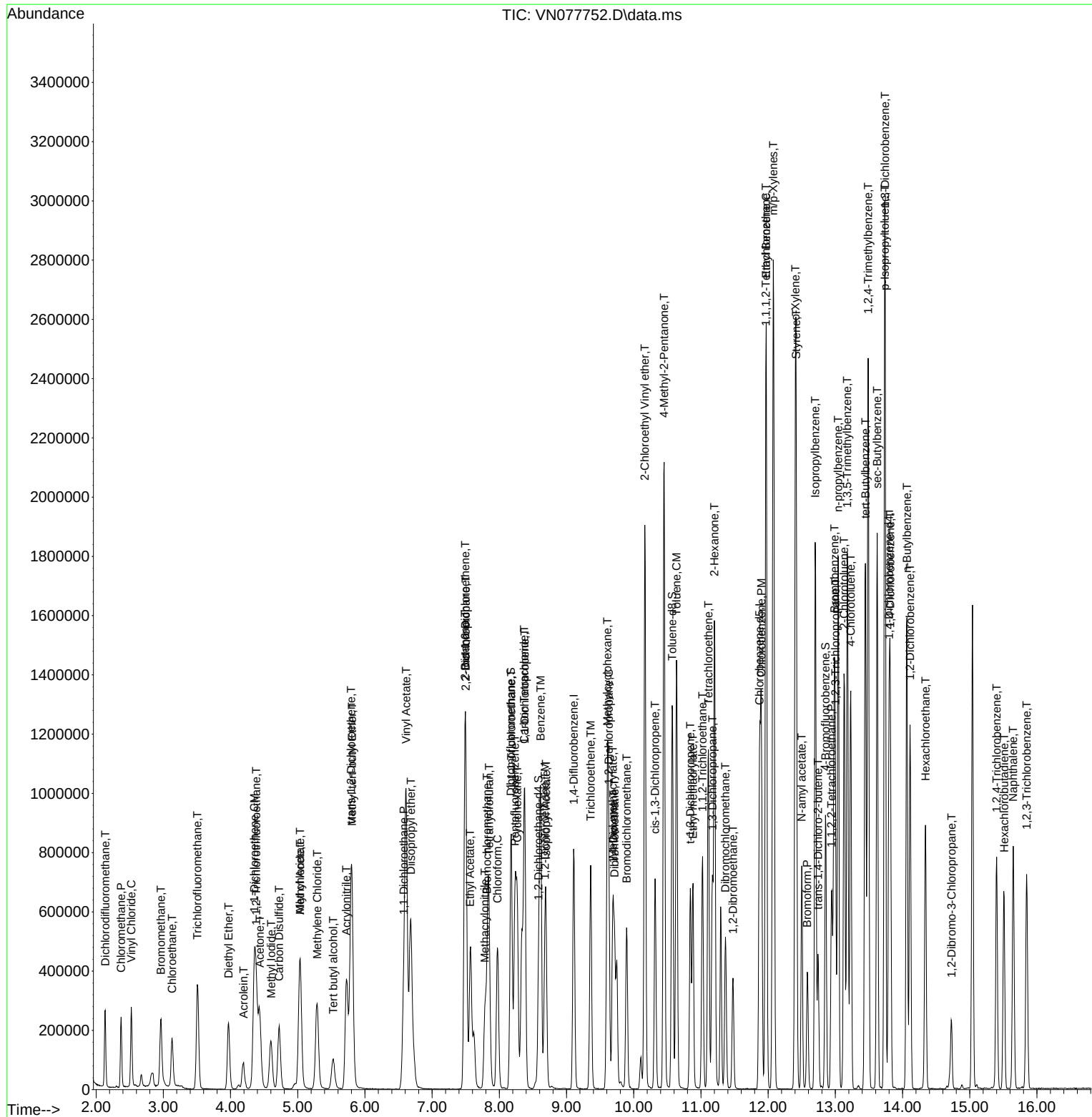
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
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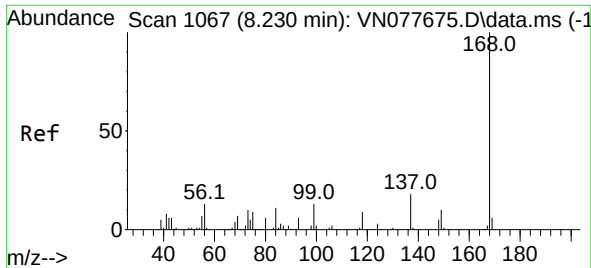
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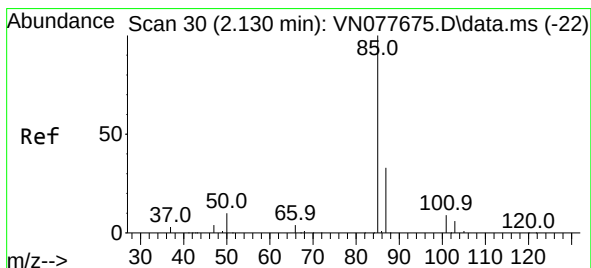
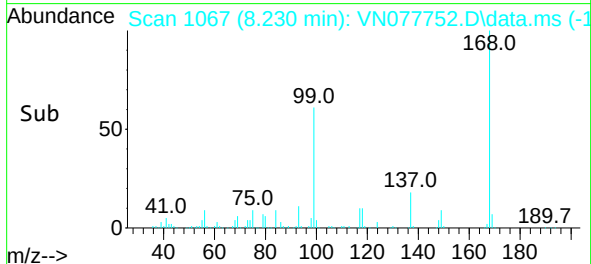
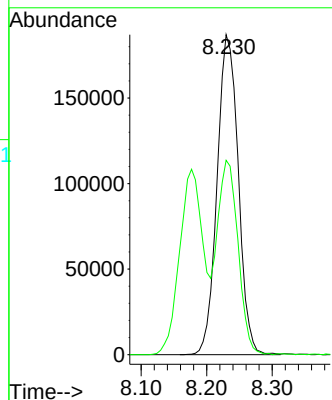
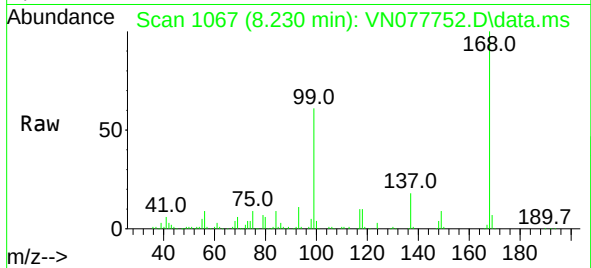
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077752.D
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Tgt Ion:168 Resp: 41836
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

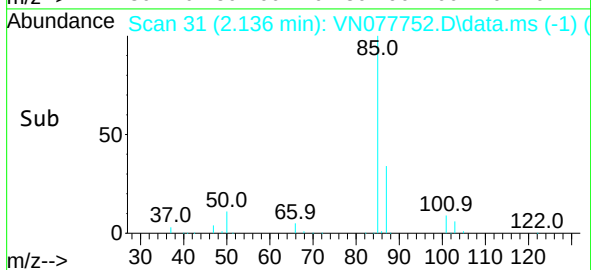
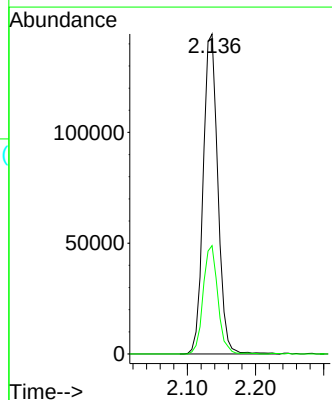
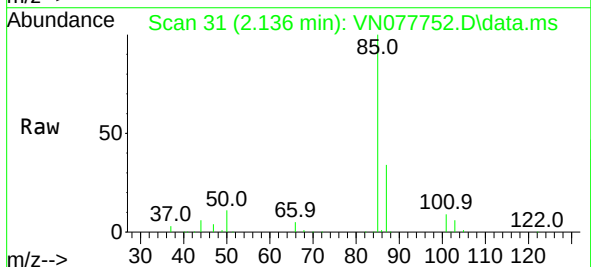
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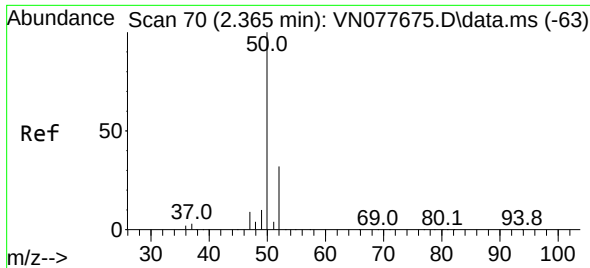
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#2
Dichlorodifluoromethane
Concen: 45.263 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

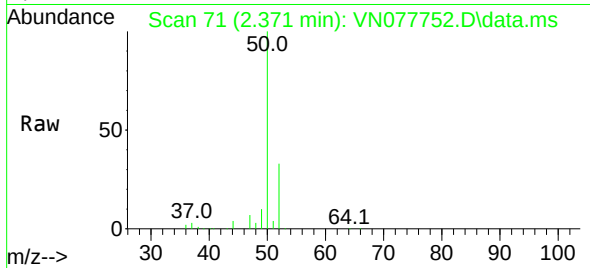
Tgt Ion: 85 Resp: 215509
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4





#3
Chloromethane
Concen: 41.281 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

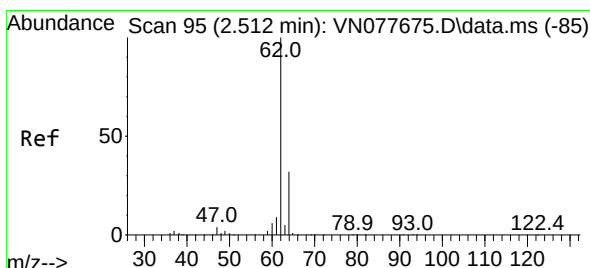
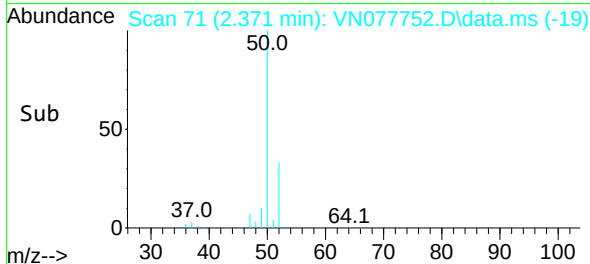
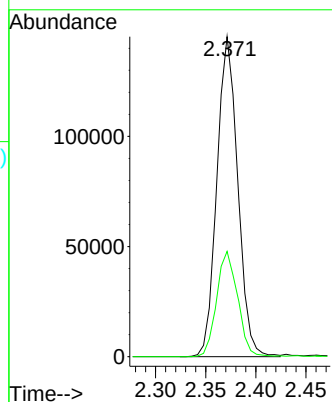
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 209968
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

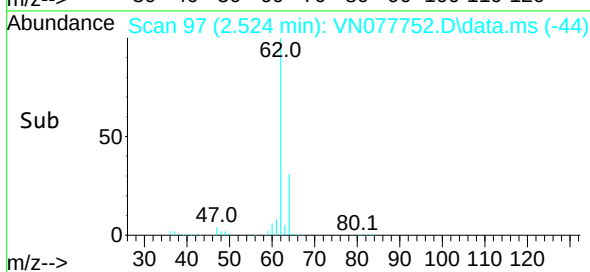
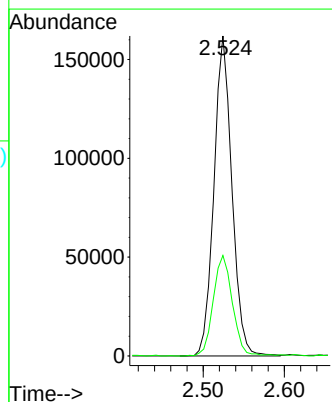
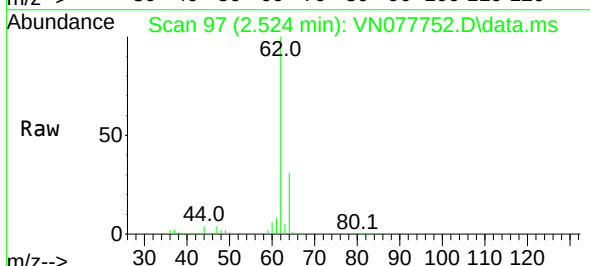
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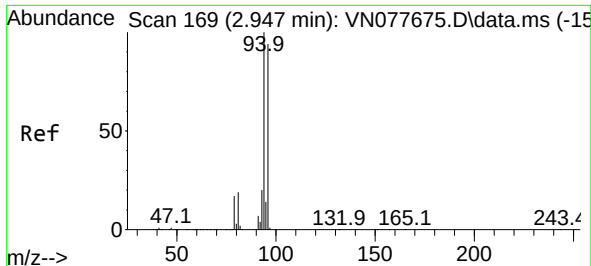
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#4
Vinyl Chloride
Concen: 41.531 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

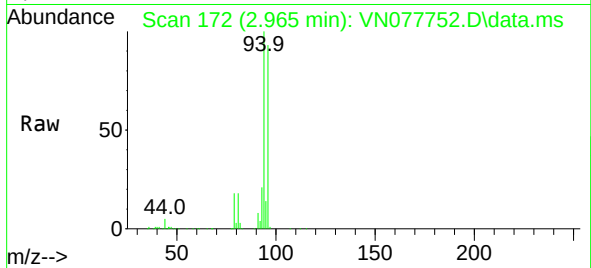
Tgt Ion: 62 Resp: 249307
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 41.155 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

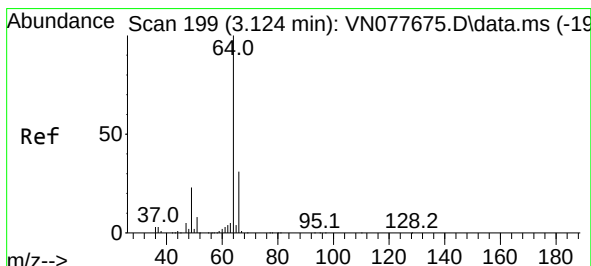
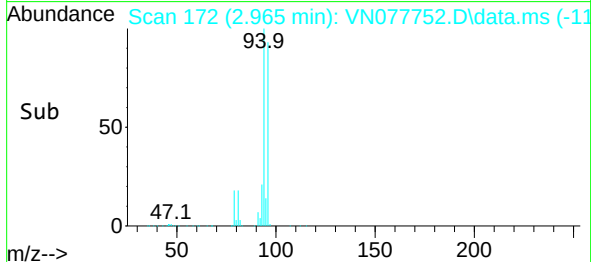
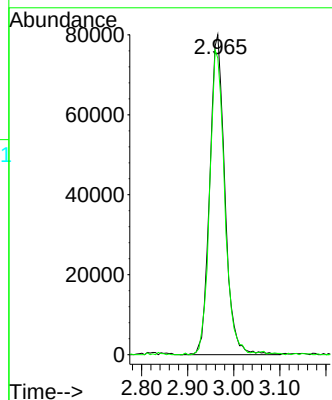
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Tgt Ion: 94 Resp: 182710
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7

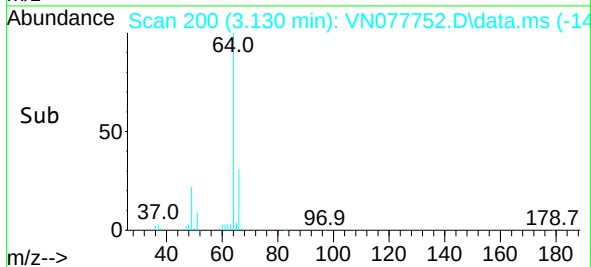
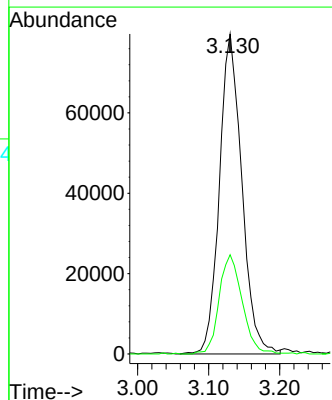
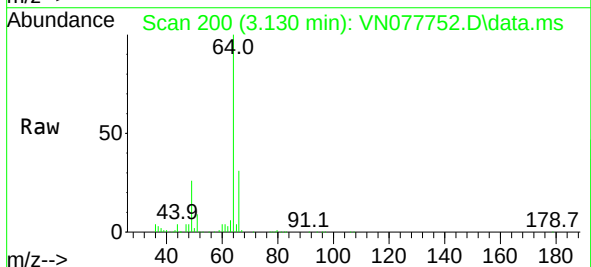
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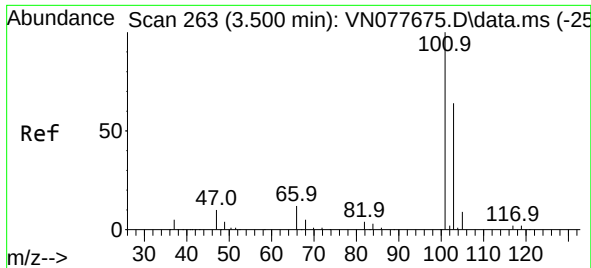
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#6
Chloroethane
Concen: 40.300 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

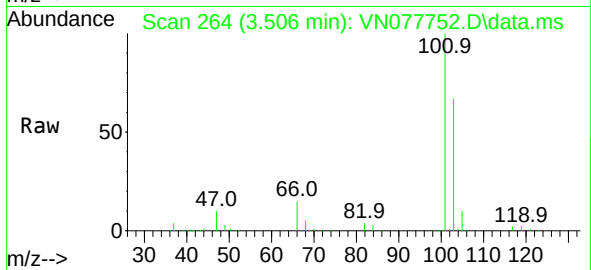
Tgt Ion: 64 Resp: 174342
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 46.118 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

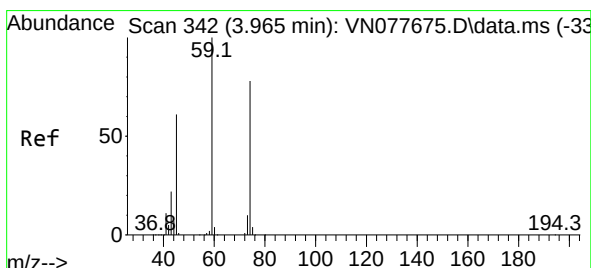
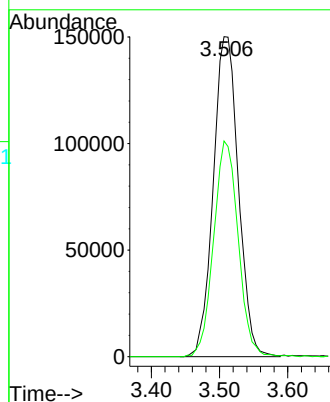
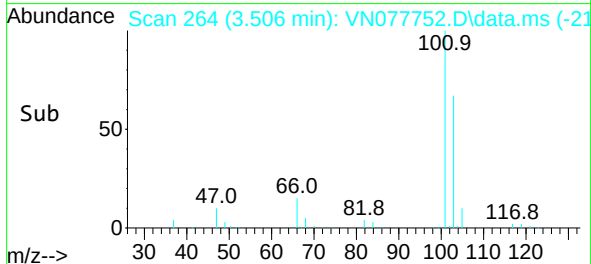
Instrument :
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Tgt Ion:101 Resp: 38581
Ion Ratio Lower Upper
101 100
103 67.4 50.7 76.1

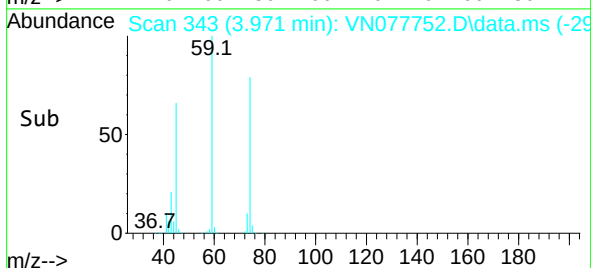
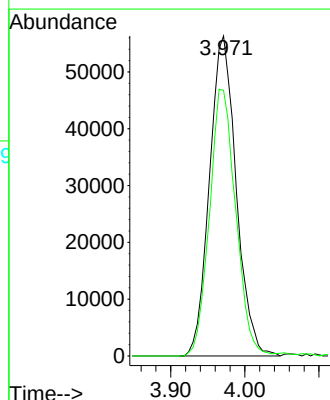
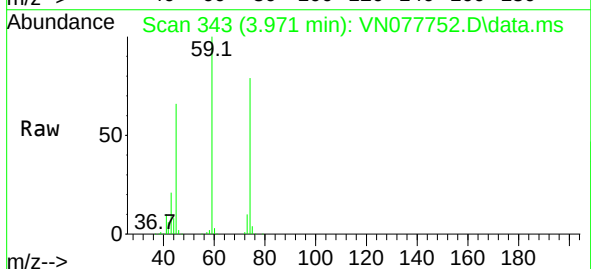
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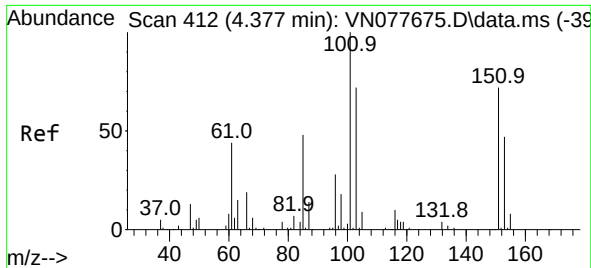
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#8
Diethyl Ether
Concen: 46.185 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Tgt Ion: 74 Resp: 141052
Ion Ratio Lower Upper
74 100
45 81.7 34.4 103.3





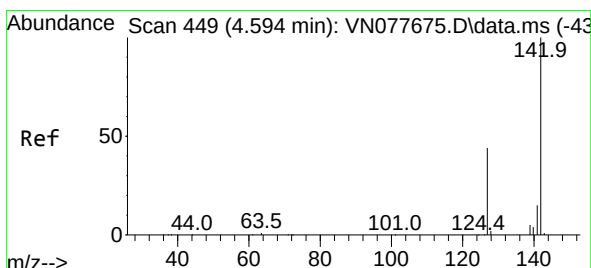
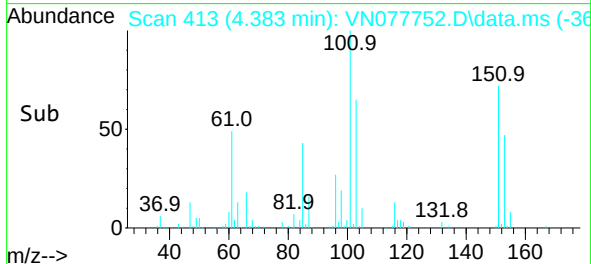
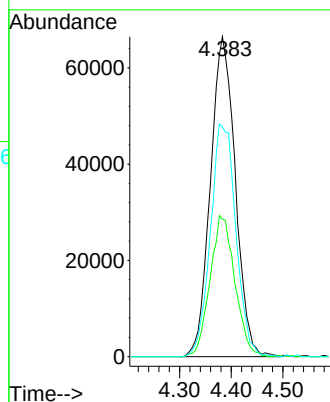
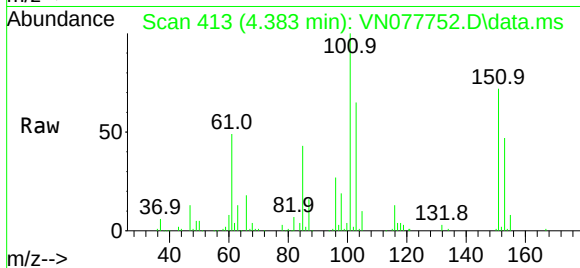
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.977 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 222118
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 74.4 57.6 86.4

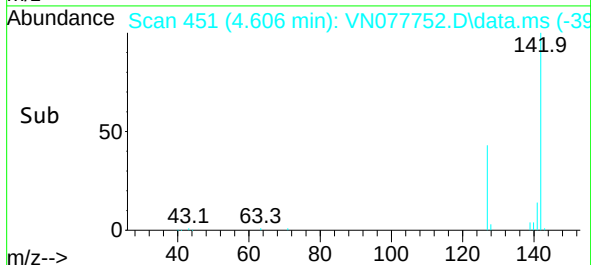
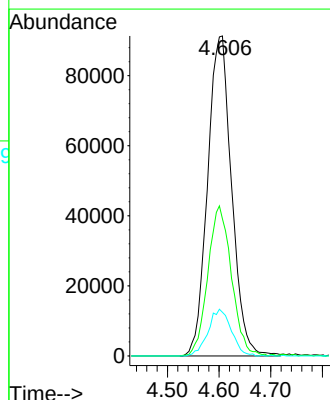
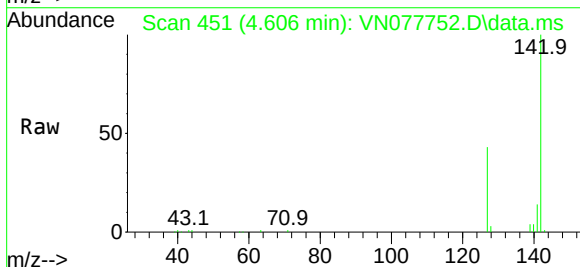
Manual Integrations
APPROVED

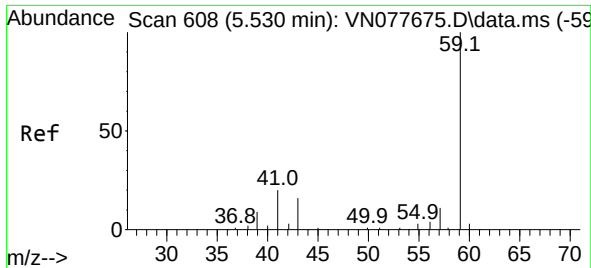
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#10
Methyl Iodide
Concen: 53.457 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

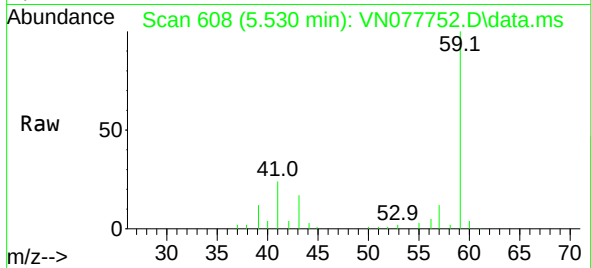
Tgt Ion:142 Resp: 295156
Ion Ratio Lower Upper
142 100
127 42.9 37.6 56.4
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 216.752 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

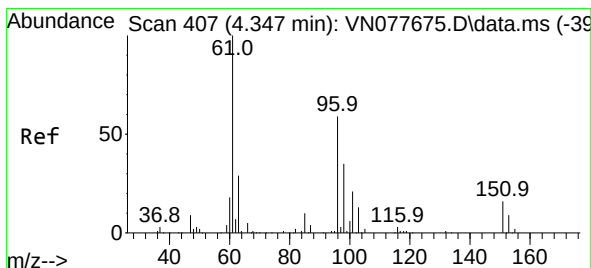
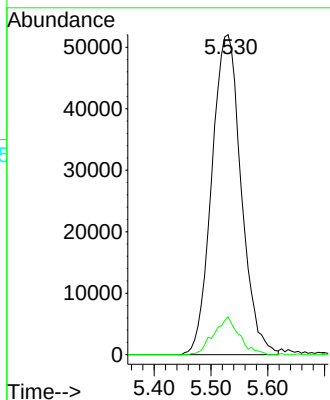
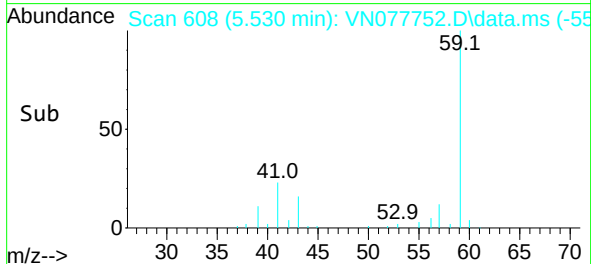
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



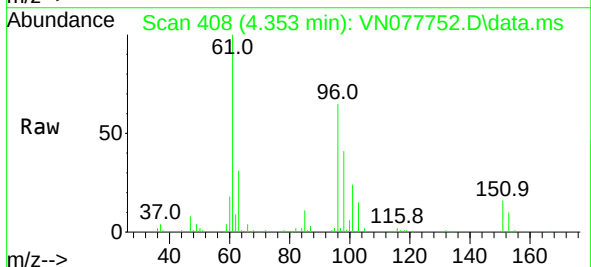
Tgt Ion: 59 Resp: 18725
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

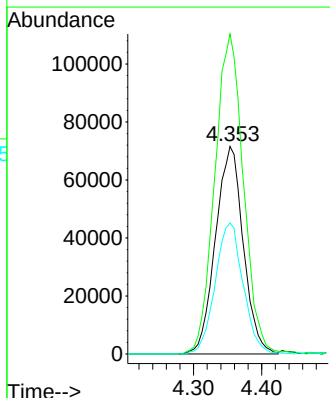
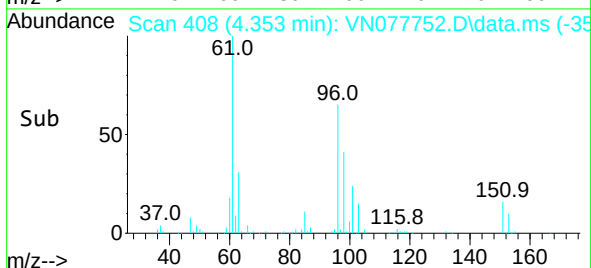
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

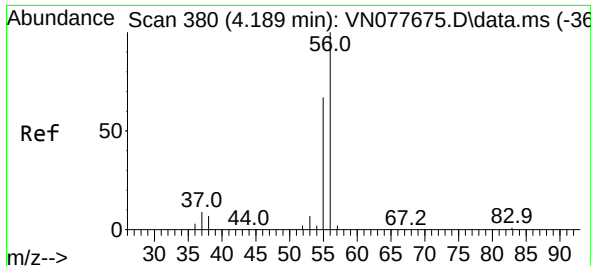


#12
1,1-Dichloroethene
Concen: 46.123 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



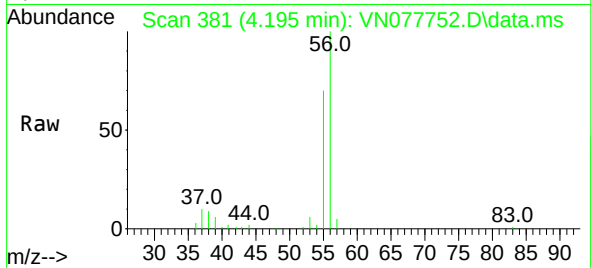
Tgt Ion: 96 Resp: 202950
Ion Ratio Lower Upper
96 100
61 154.1 112.7 169.1
98 63.1 51.2 76.8





#13
Acrolein
Concen: 217.988 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

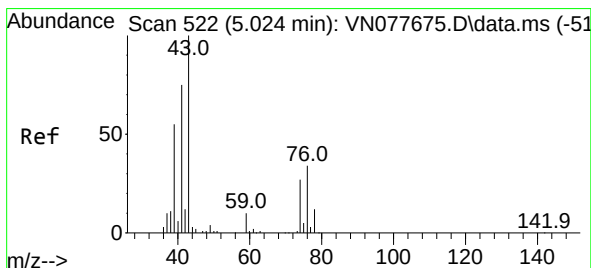
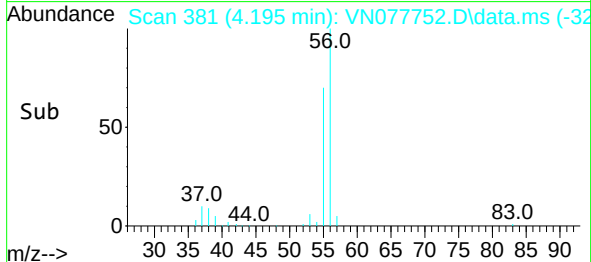
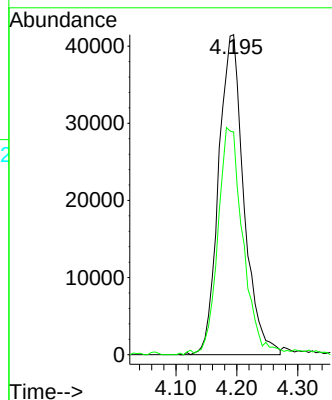
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 11913
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7

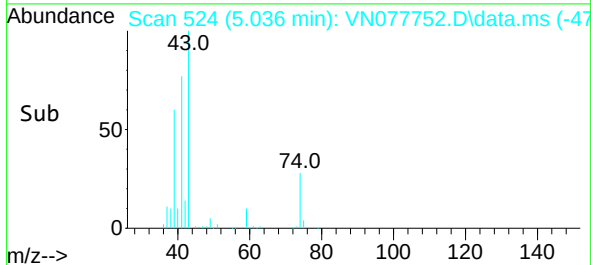
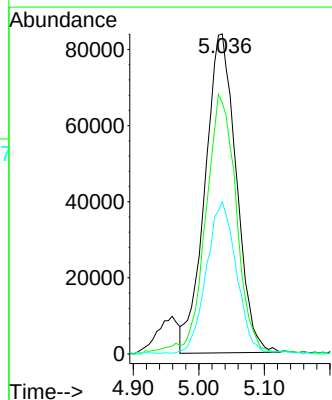
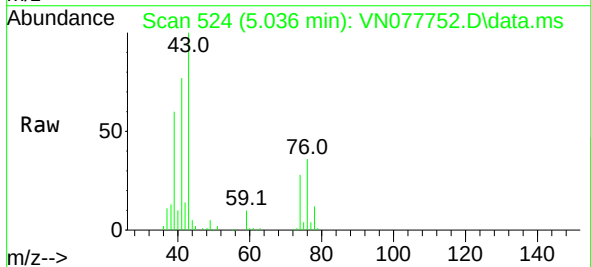
Manual Integrations
APPROVED

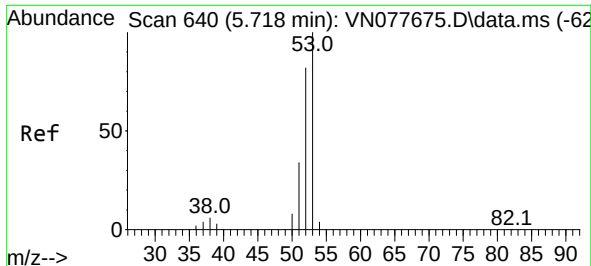
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#14
Allyl chloride
Concen: 42.977 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

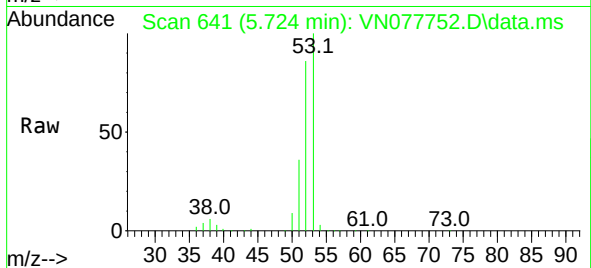
Tgt Ion: 41 Resp: 277808
Ion Ratio Lower Upper
41 100
39 80.1 58.8 88.2
76 45.4 39.1 58.7





#15
Acrylonitrile
Concen: 220.343 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

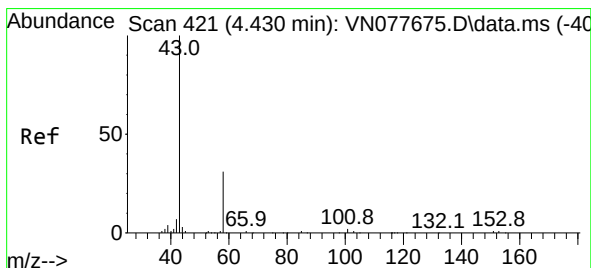
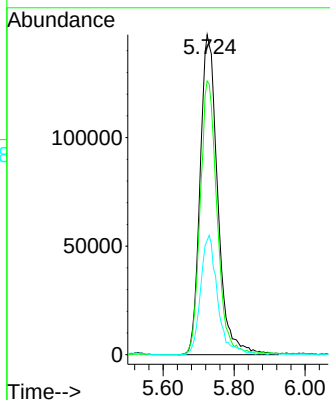
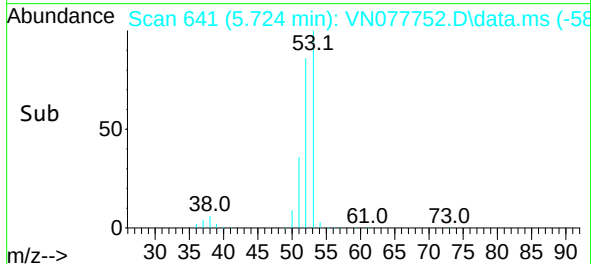
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



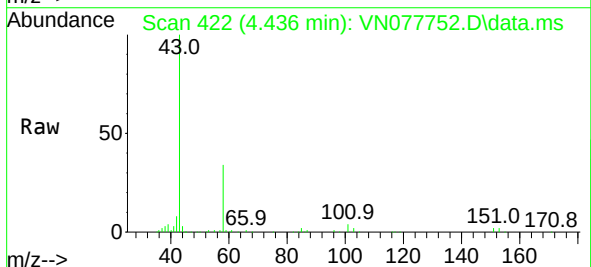
Tgt Ion: 53 Resp: 50855
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.1 28.9 43.3

Manual Integrations
APPROVED

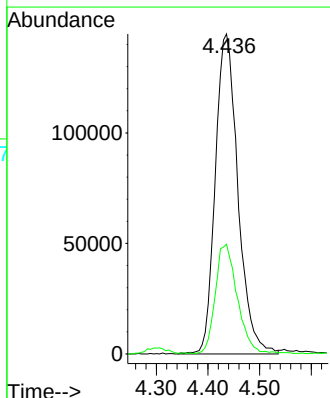
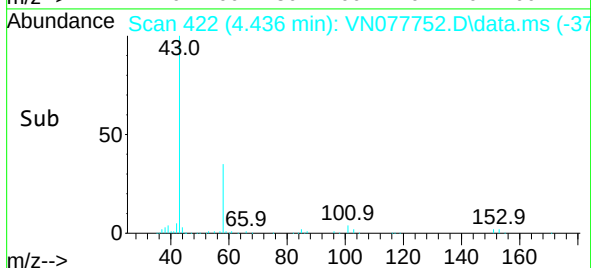
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

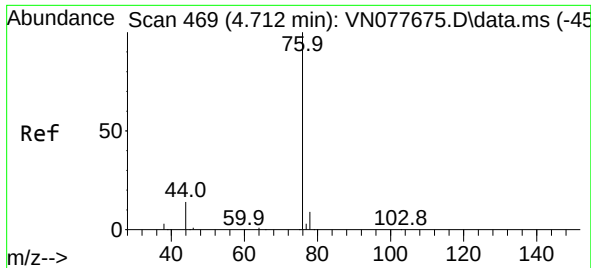


#16
Acetone
Concen: 223.902 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



Tgt Ion: 43 Resp: 440953
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





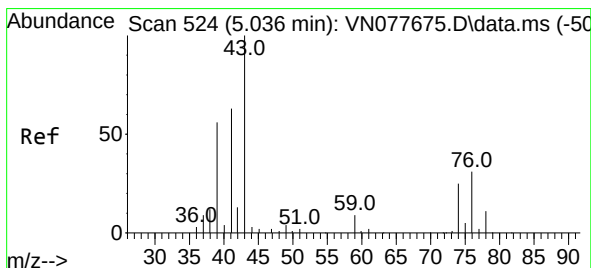
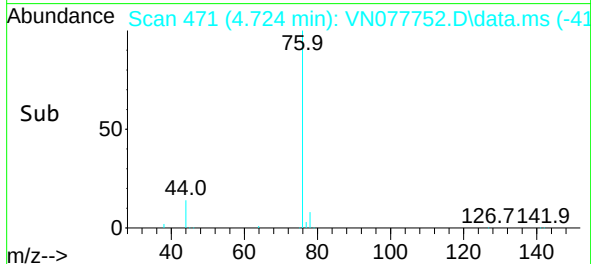
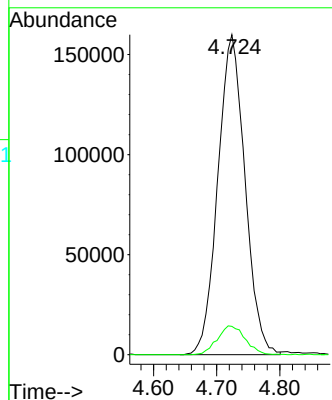
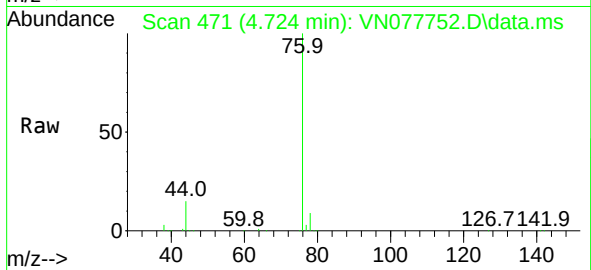
#17
Carbon Disulfide
Concen: 40.266 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 47739
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

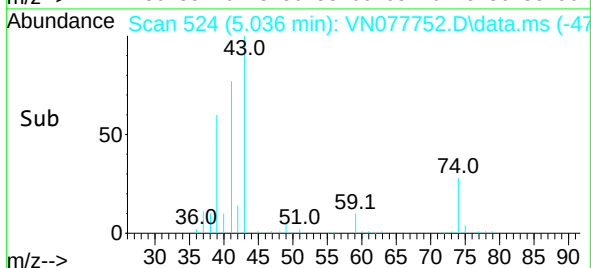
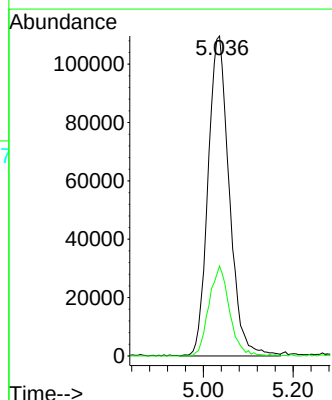
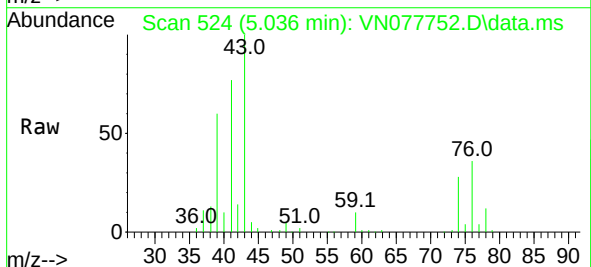
Manual Integrations
APPROVED

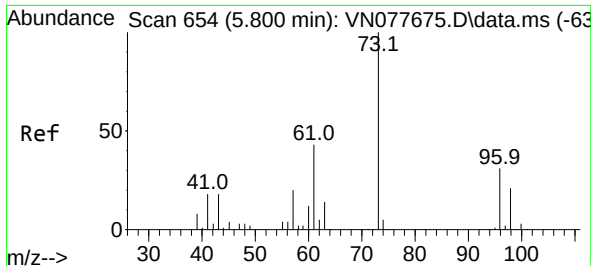
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#18
Methyl Acetate
Concen: 43.579 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

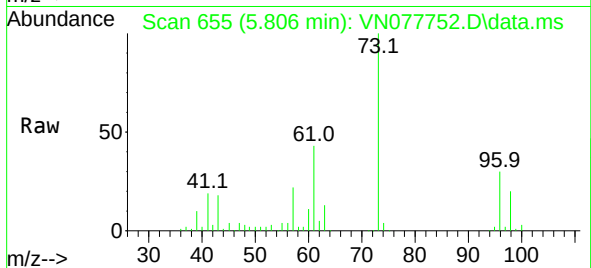
Tgt Ion: 43 Resp: 360051
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 46.809 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

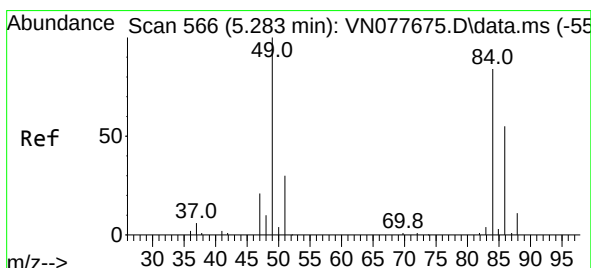
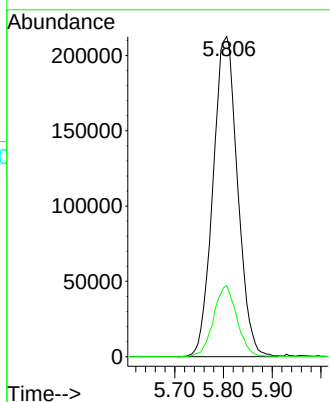
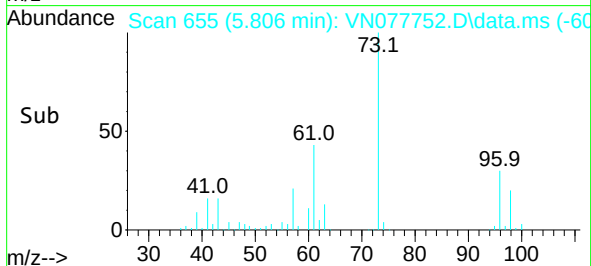
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 74552
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4

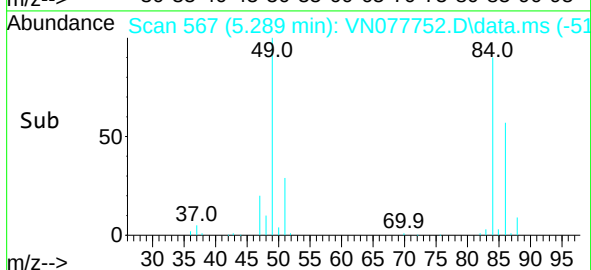
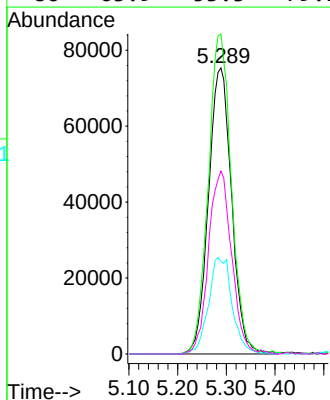
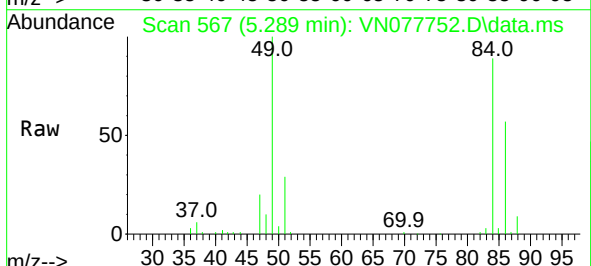
Manual Integrations
APPROVED

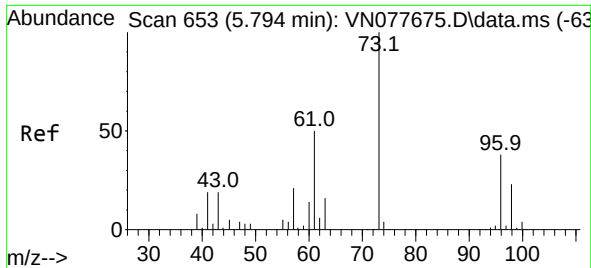
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#20
Methylene Chloride
Concen: 48.425 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

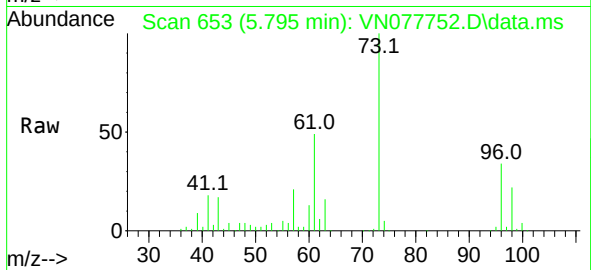
Tgt Ion: 84 Resp: 248546
Ion Ratio Lower Upper
84 100
49 111.9 79.7 119.5
51 32.3 25.2 37.8
86 63.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.371 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

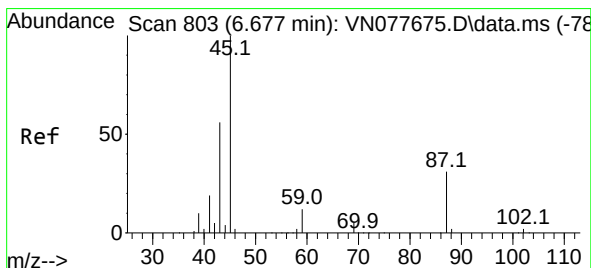
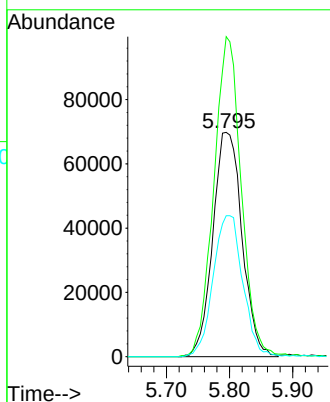
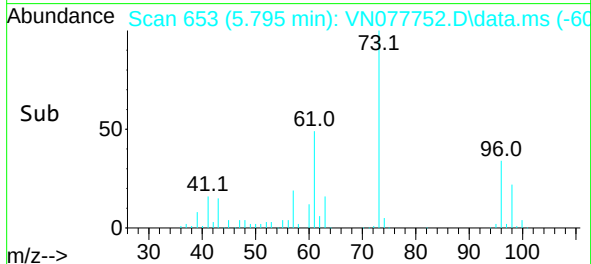
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



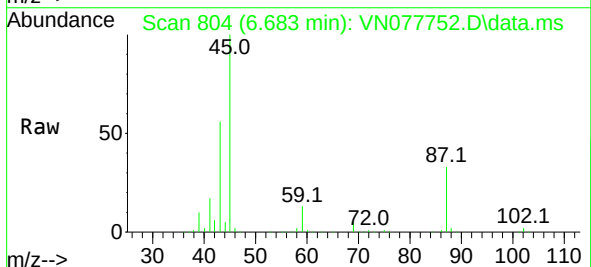
Tgt Ion: 96 Resp: 224260
Ion Ratio Lower Upper
96 100
61 142.7 90.1 135.1
98 62.9 46.4 69.6

Manual Integrations
APPROVED

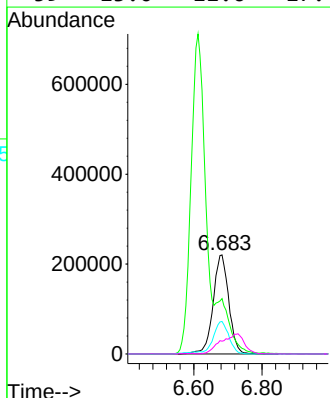
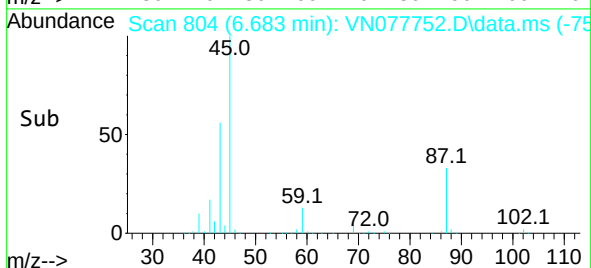
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

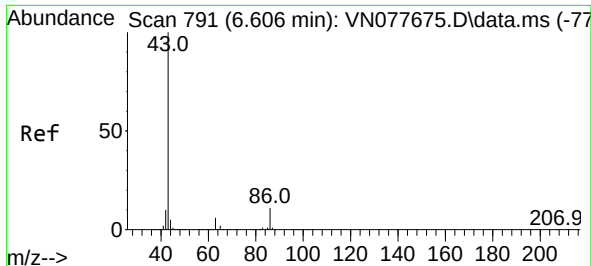


#22
Diisopropyl ether
Concen: 46.274 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



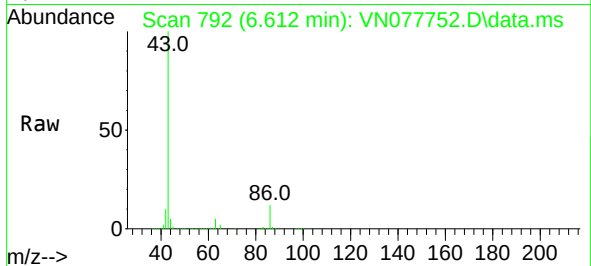
Tgt Ion: 45 Resp: 701124
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 32.8 31.8 47.8
59 13.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 218.625 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077752.D
 Acq: 19 May 2023 09:58

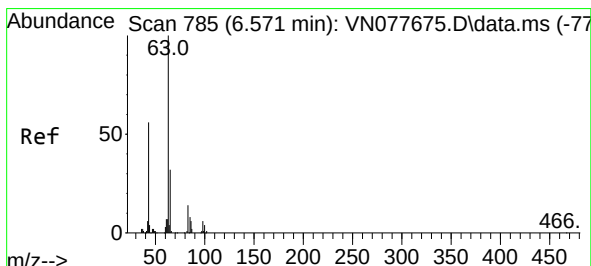
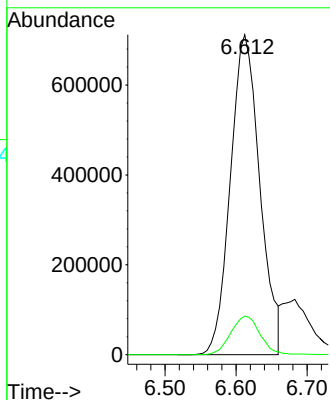
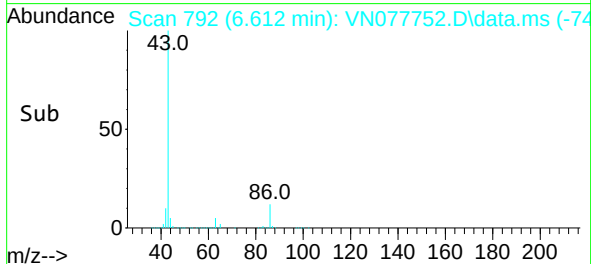
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 205235
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

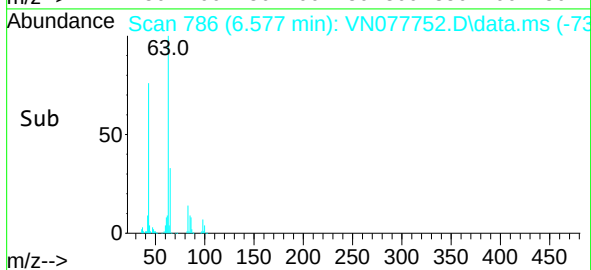
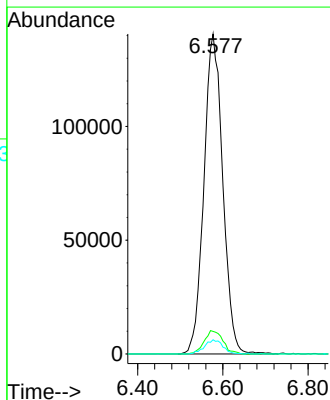
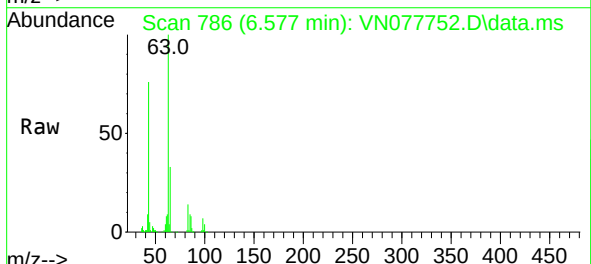
Manual Integrations
 APPROVED

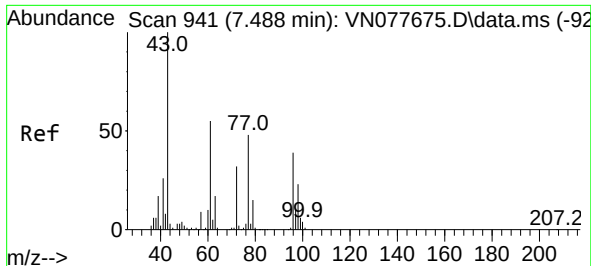
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#24
 1,1-Dichloroethane
 Concen: 46.491 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077752.D
 Acq: 19 May 2023 09:58

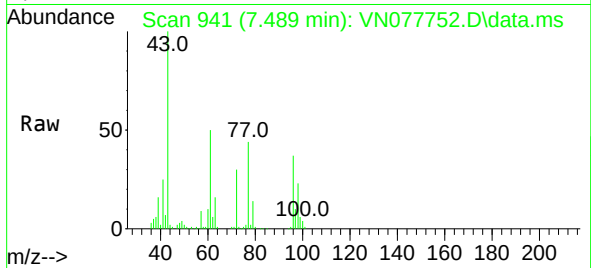
Tgt Ion: 63 Resp: 431549
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 216.039 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

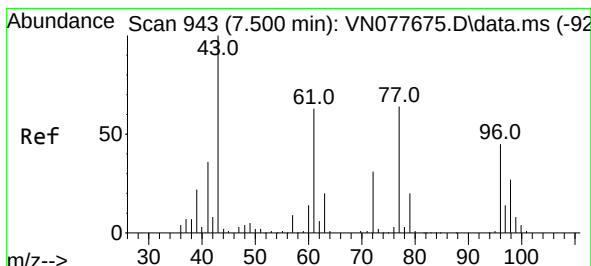
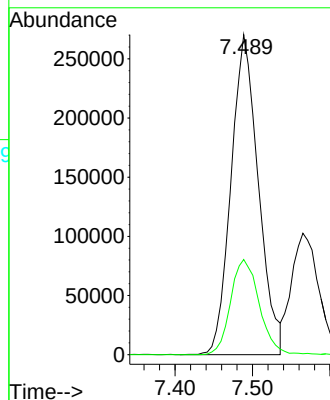
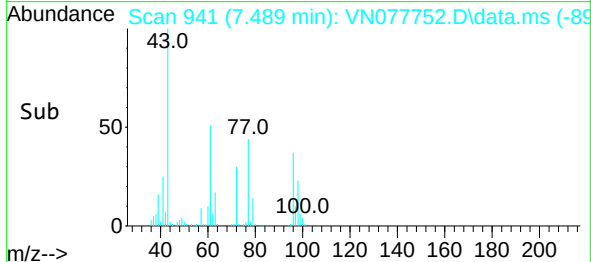
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 665559
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2

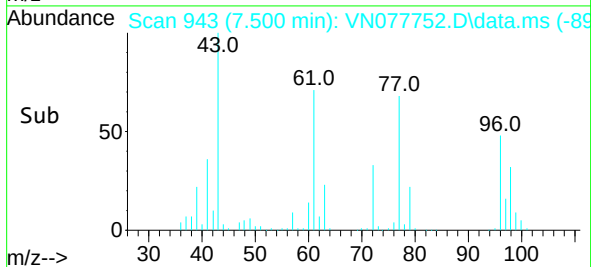
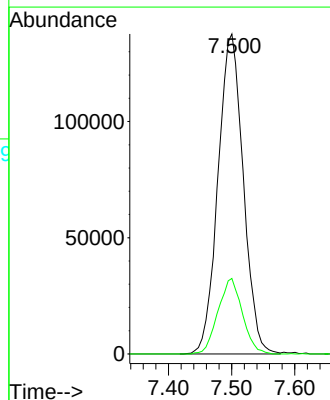
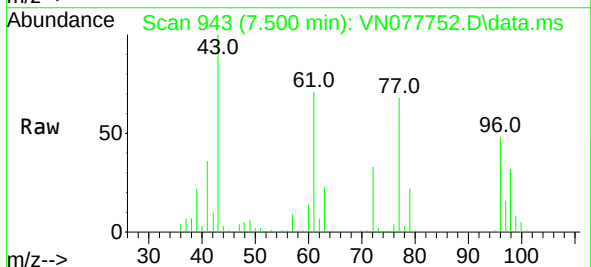
Manual Integrations
APPROVED

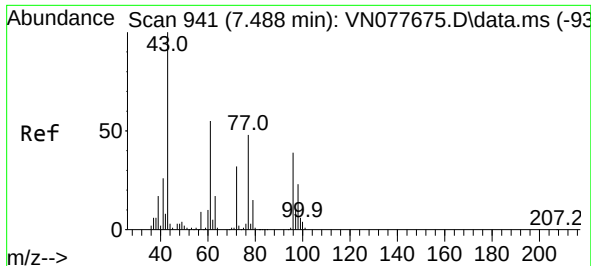
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#26
2,2-Dichloropropane
Concen: 48.497 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Tgt Ion: 77 Resp: 382456
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 47.244 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077752.D

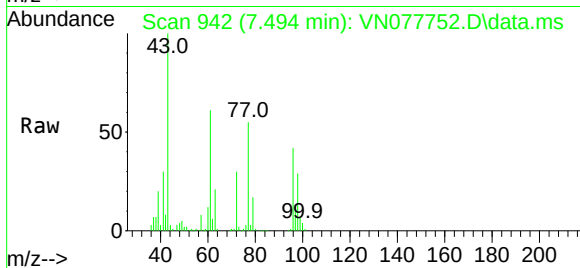
Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 27999

Ion Ratio Lower Upper

96 100

61 140.8 0.0 255.2

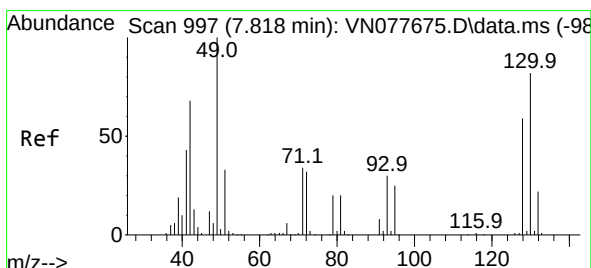
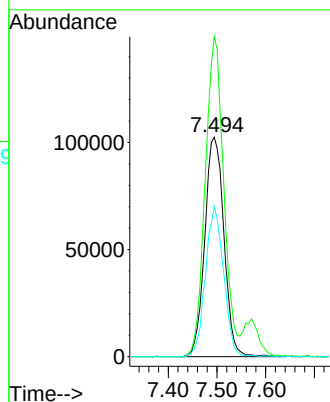
98 65.0 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#28

Bromochloromethane

Concen: 45.295 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

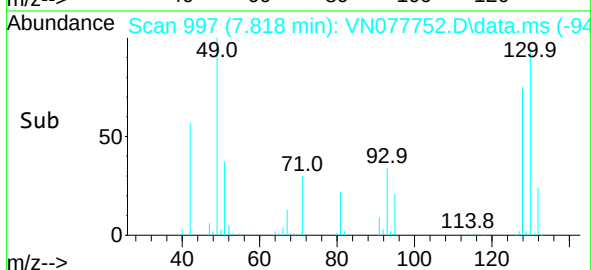
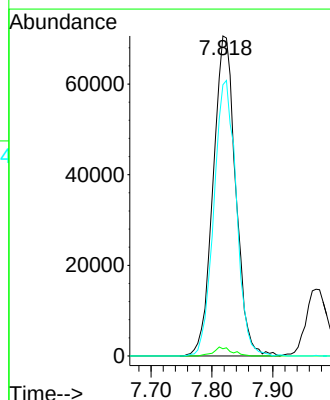
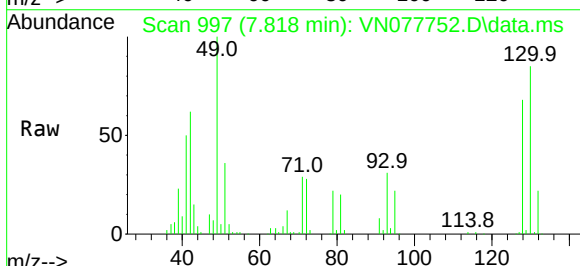
Tgt Ion: 49 Resp: 181837

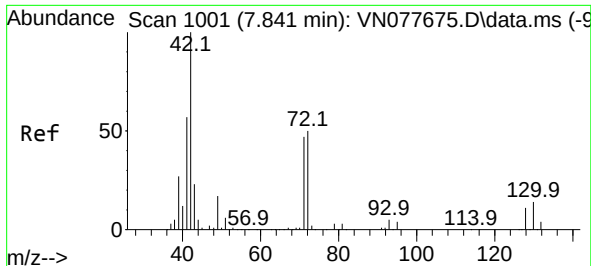
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 85.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 208.614 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

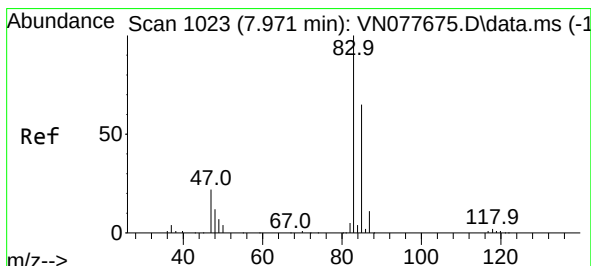
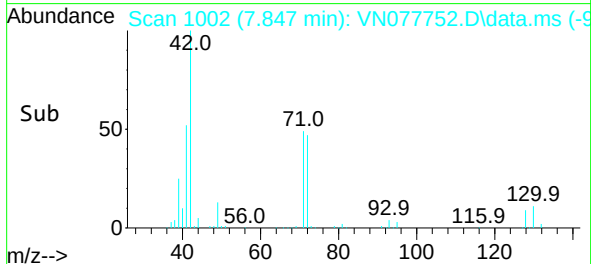
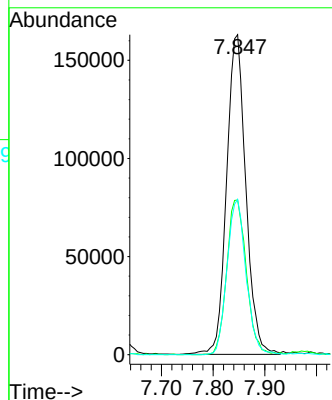
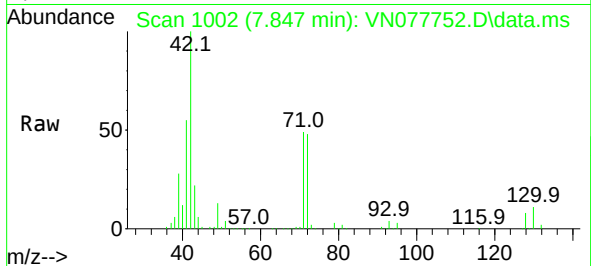
Tgt Ion: 42 Resp: 420820
 Ion Ratio Lower Upper
 42 100
 72 49.5 49.8 74.6
 71 48.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#30

Chloroform

Concen: 46.424 ug/l

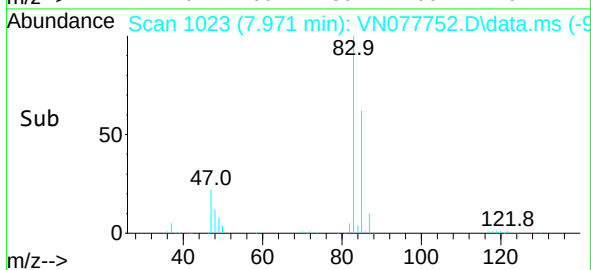
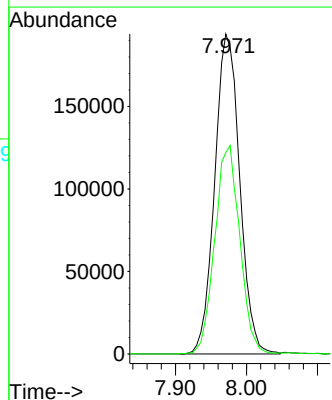
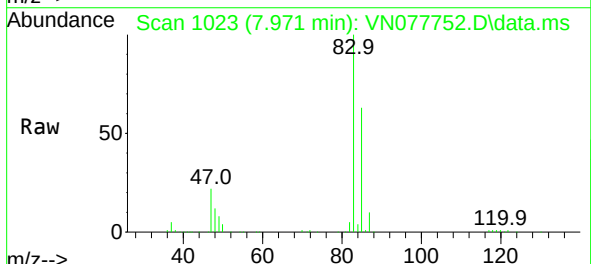
RT: 7.971 min Scan# 1023

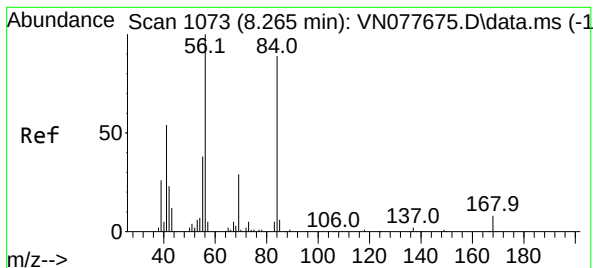
Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Tgt Ion: 83 Resp: 474035
 Ion Ratio Lower Upper
 83 100
 85 62.9 55.4 83.0





#31

Cyclohexane

Concen: 42.397 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN077752.D

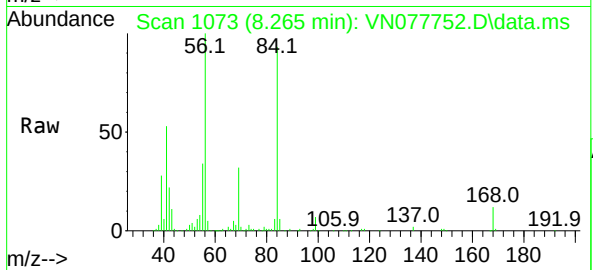
Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 360710

Ion Ratio Lower Upper

56 100

69 32.5 26.8 40.2

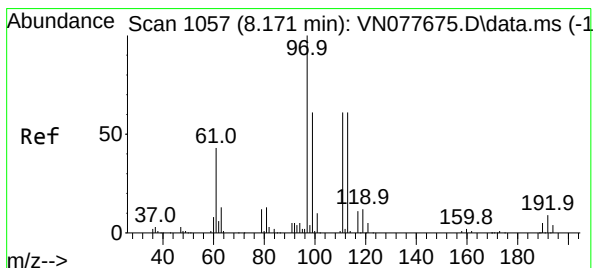
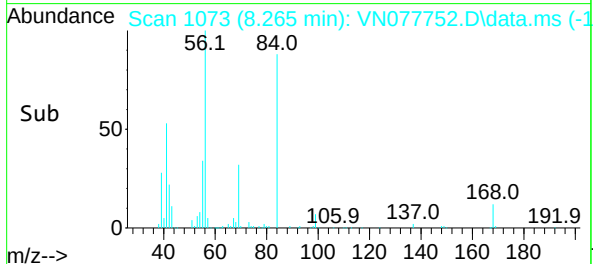
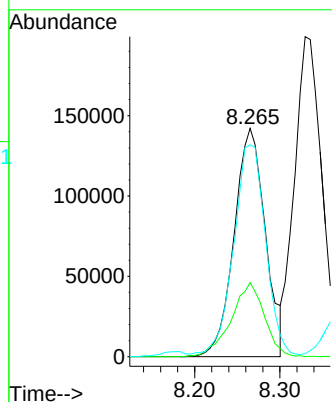
84 90.5 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#32

1,1,1-Trichloroethane

Concen: 48.063 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

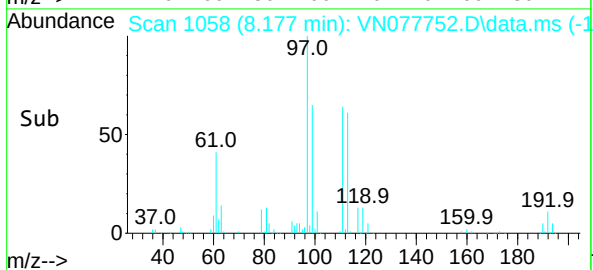
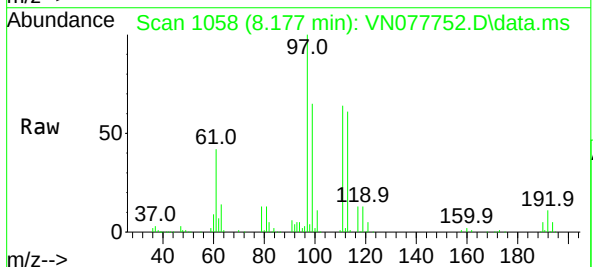
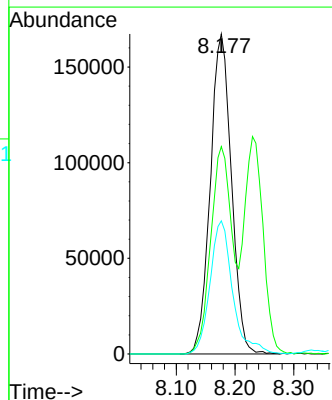
Tgt Ion: 97 Resp: 417256

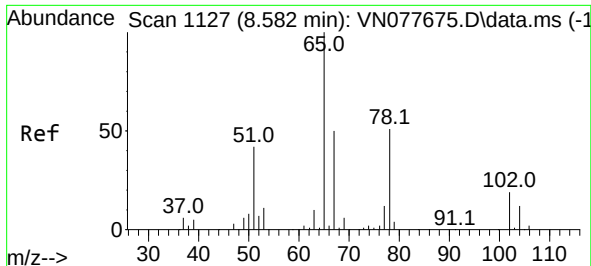
Ion Ratio Lower Upper

97 100

99 66.3 50.3 75.5

61 44.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.906 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 30614

Ion Ratio Lower Upper

65 100

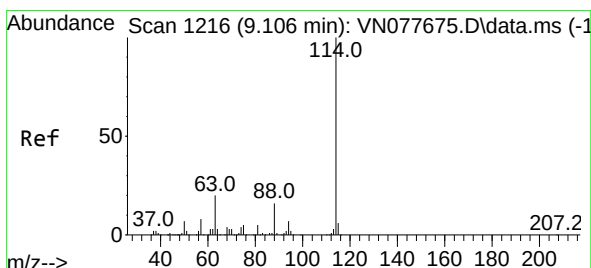
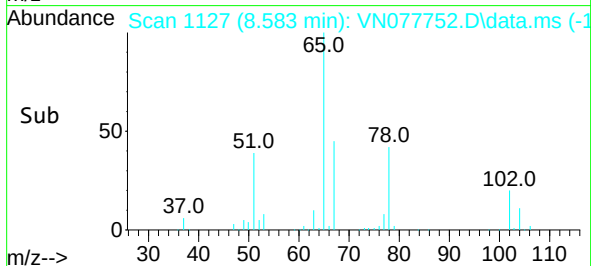
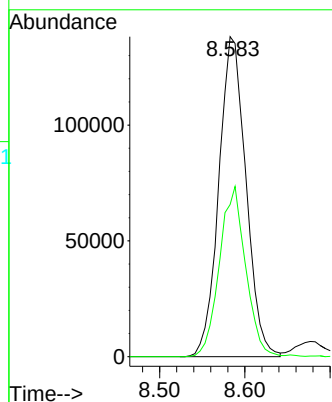
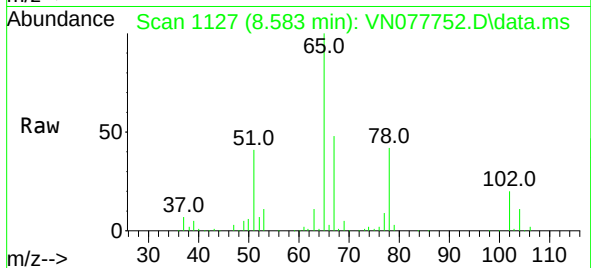
67 51.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

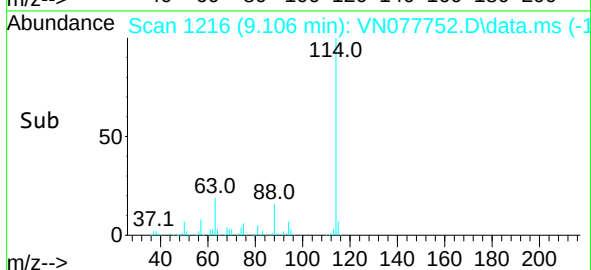
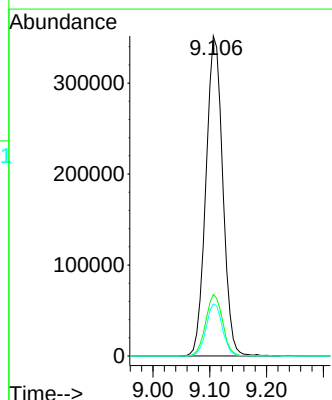
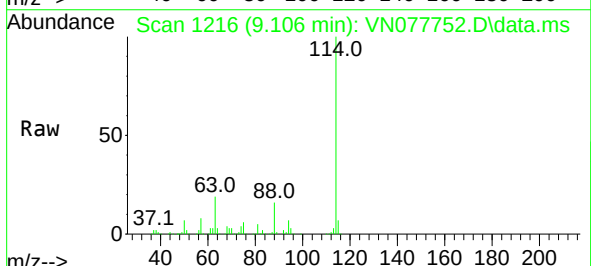
Tgt Ion:114 Resp: 722657

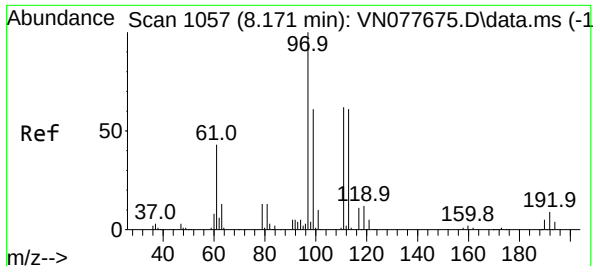
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.009 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 254508

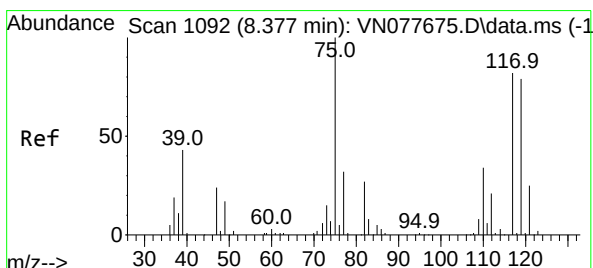
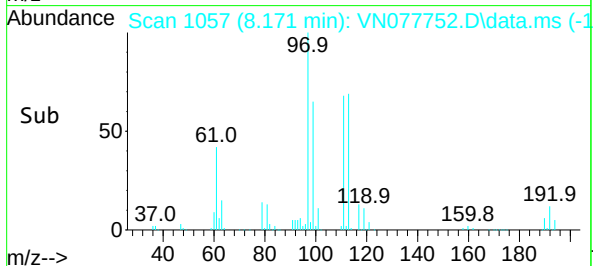
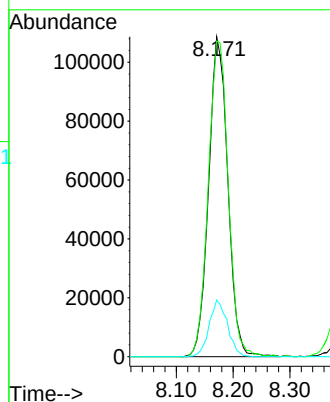
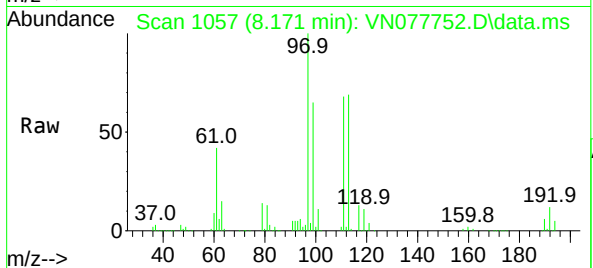
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	16.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#36

1,1-Dichloropropene

Concen: 48.925 ug/l

RT: 8.377 min Scan# 1092

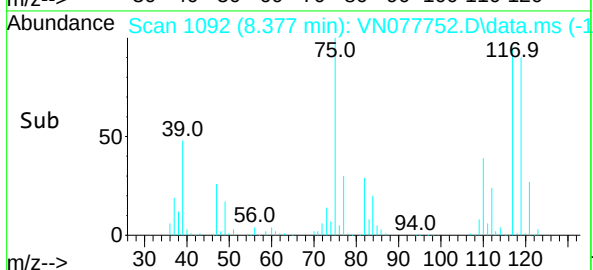
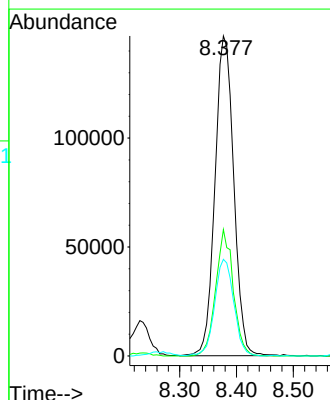
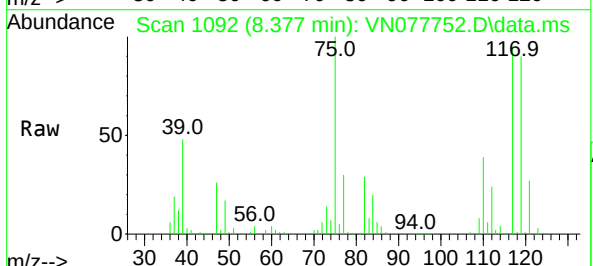
Delta R.T. -0.000 min

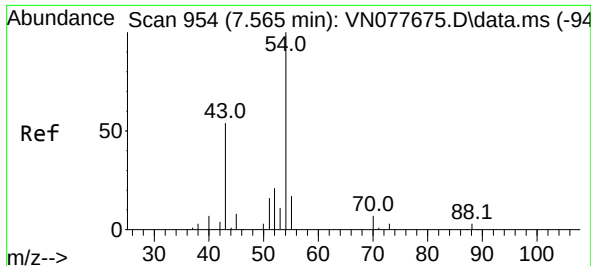
Lab File: VN077752.D

Acq: 19 May 2023 09:58

Tgt Ion: 75 Resp: 337222

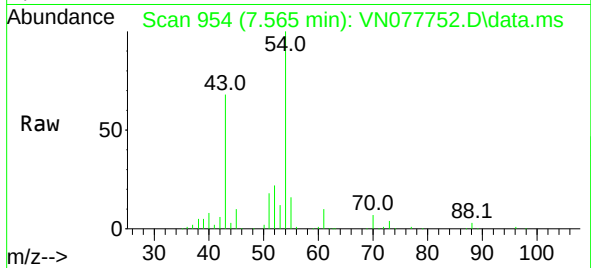
Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.1	57.3
77	30.8	25.0	37.4





#37
Ethyl Acetate
Concen: 41.840 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

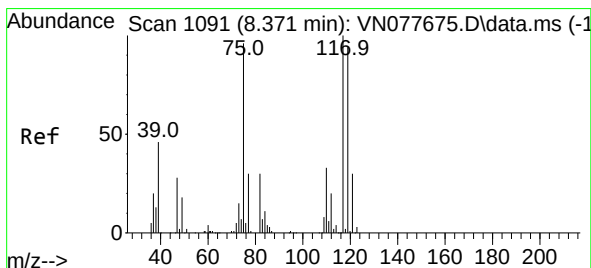
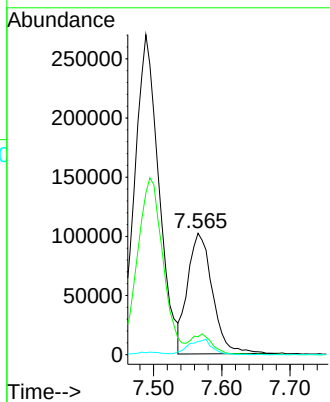
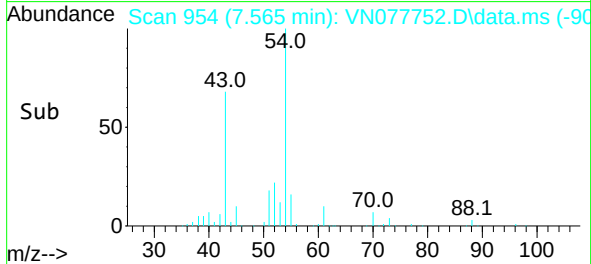
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25704
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 12.1 11.3 16.9

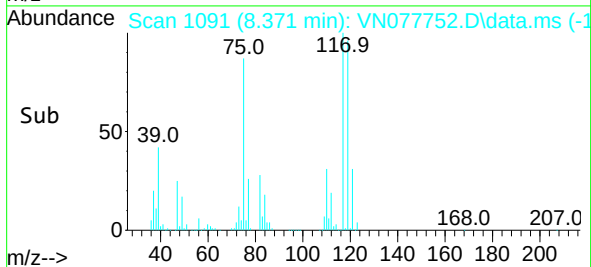
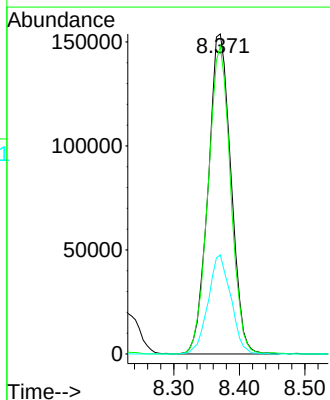
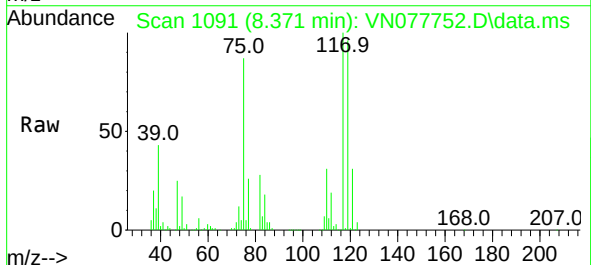
Manual Integrations
APPROVED

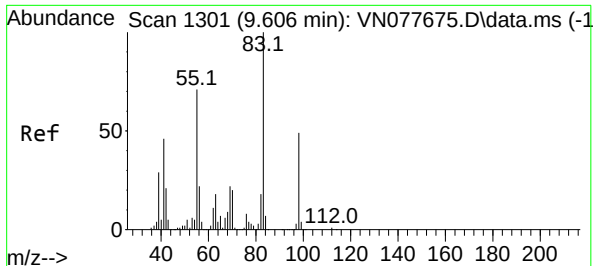
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#38
Carbon Tetrachloride
Concen: 53.450 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

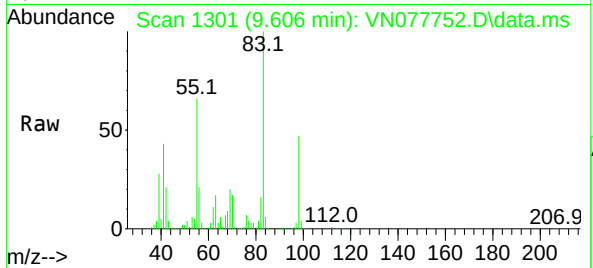
Tgt Ion:117 Resp: 372017
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 31.0 23.3 34.9





#39
Methylcyclohexane
Concen: 49.539 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

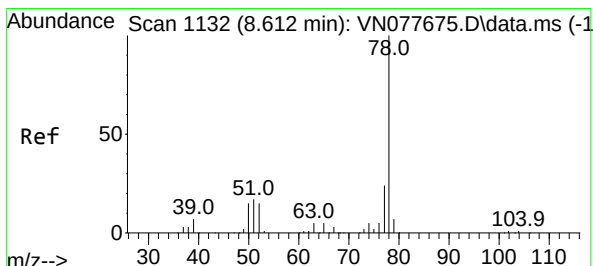
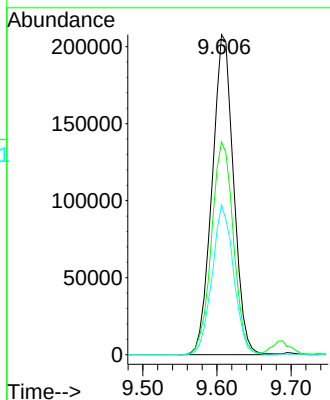
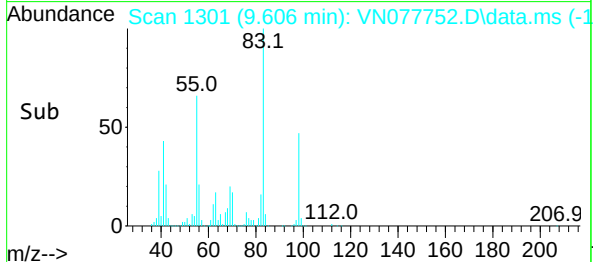
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



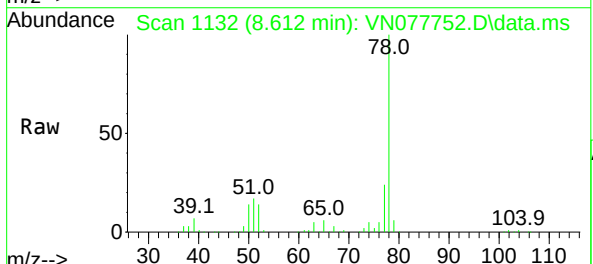
Tgt Ion: 83 Resp: 418025
Ion Ratio Lower Upper
83 100
55 66.5 49.1 73.7
98 46.8 40.6 61.0

Manual Integrations
APPROVED

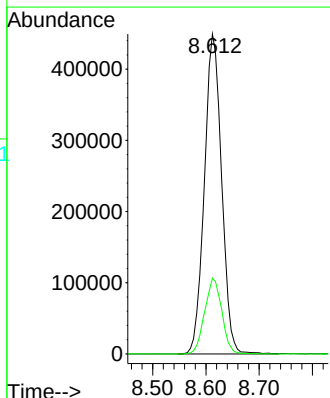
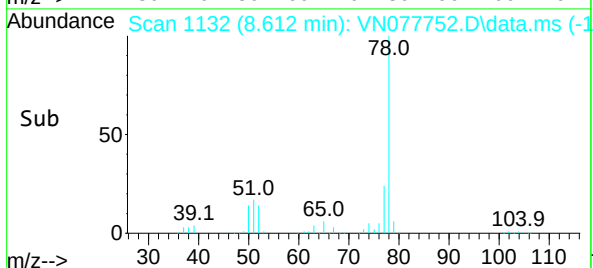
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

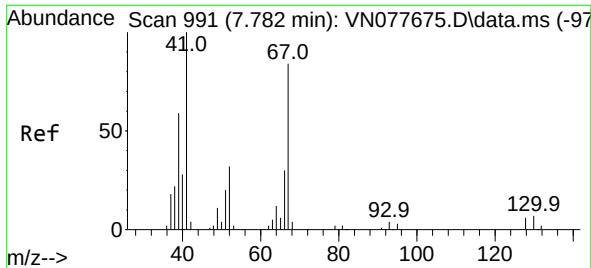


#40
Benzene
Concen: 49.733 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



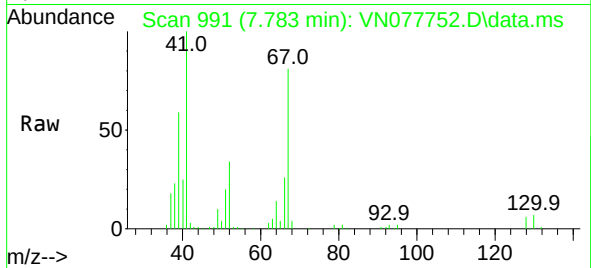
Tgt Ion: 78 Resp: 1011549
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 44.790 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

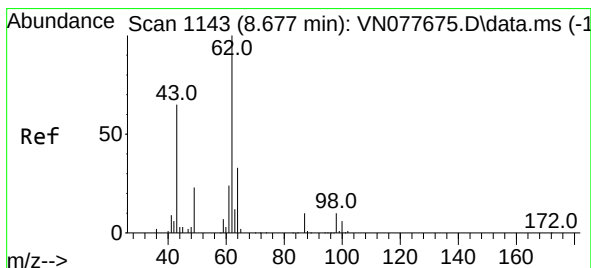
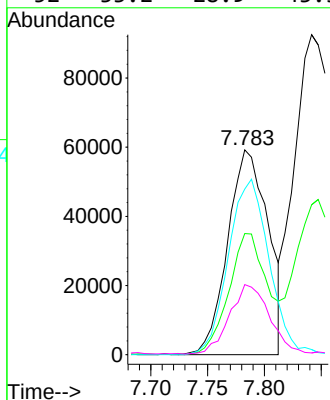
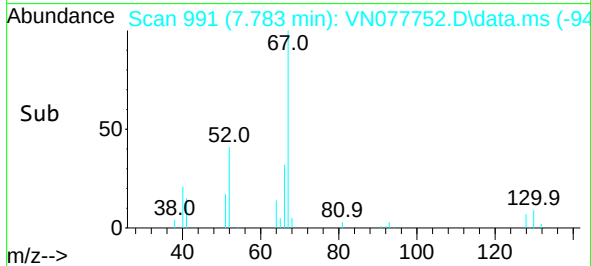
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



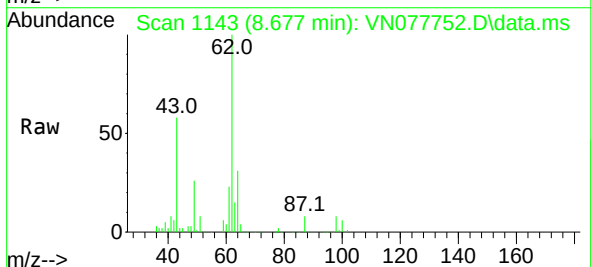
Tgt Ion: 41 Resp: 146540
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 86.5 77.5 116.3
52 33.2 28.9 43.3

Manual Integrations
APPROVED

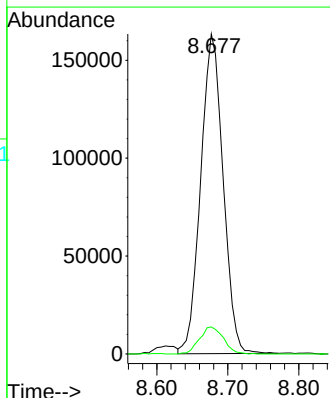
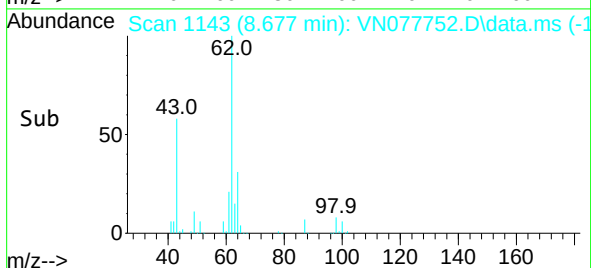
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

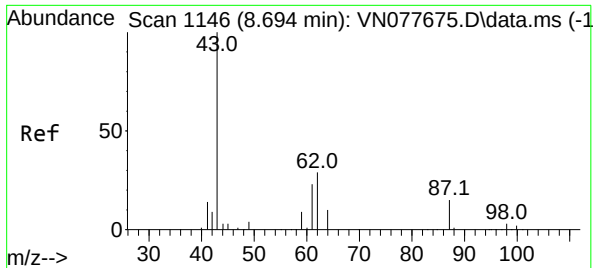


#42
1,2-Dichloroethane
Concen: 48.426 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



Tgt Ion: 62 Resp: 357795
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 46.626 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 467875

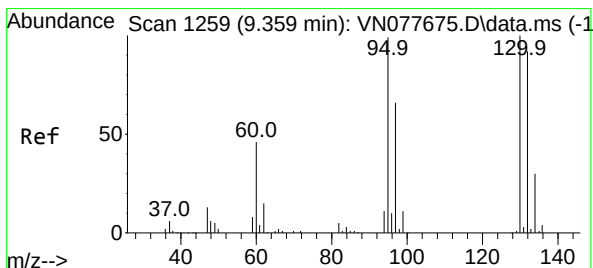
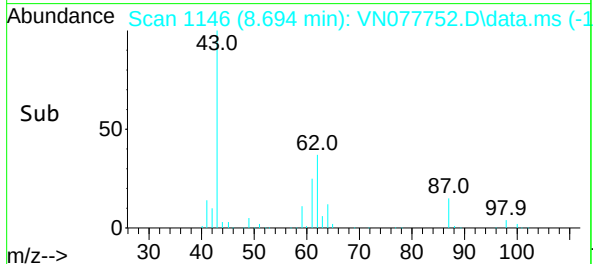
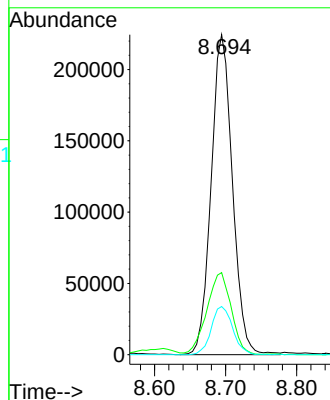
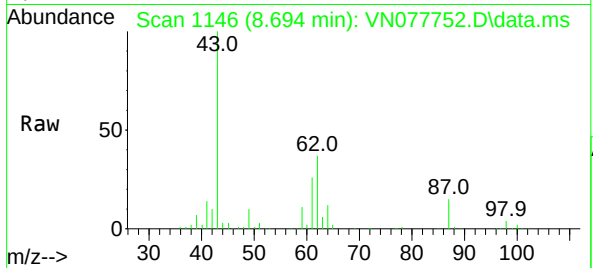
Ion	Ratio	Lower	Upper
43	100		
61	29.2	24.7	37.1
87	15.2	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#44

Trichloroethene

Concen: 52.418 ug/l

RT: 9.359 min Scan# 1259

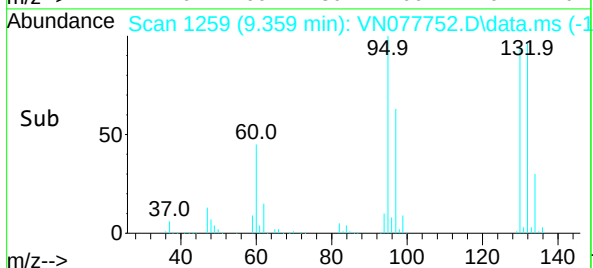
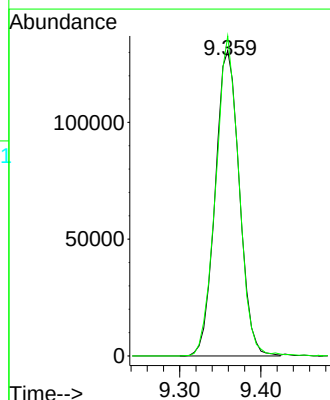
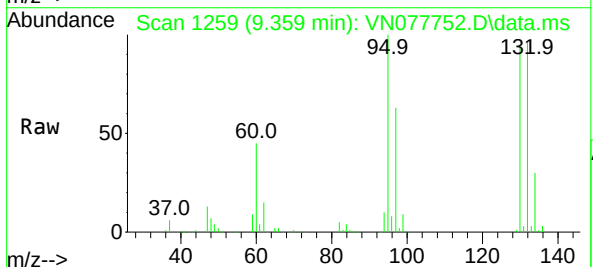
Delta R.T. 0.000 min

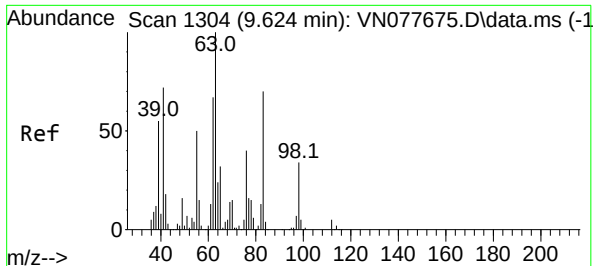
Lab File: VN077752.D

Acq: 19 May 2023 09:58

Tgt Ion:130 Resp: 269965

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	204.6





#45

1,2-Dichloropropane

Concen: 51.043 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 264814

Ion Ratio Lower Upper

63 100

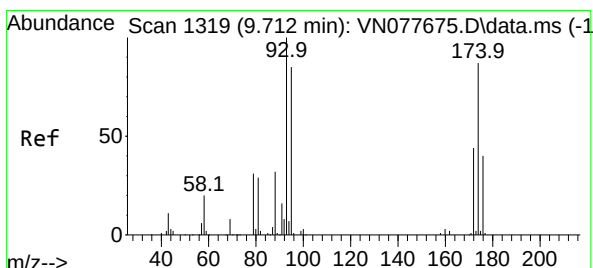
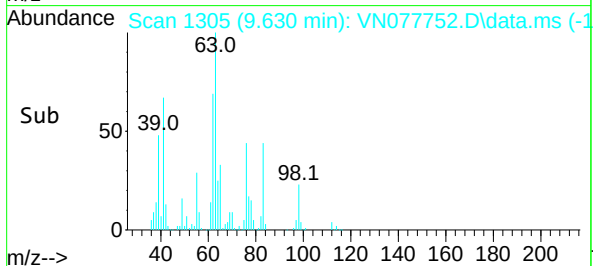
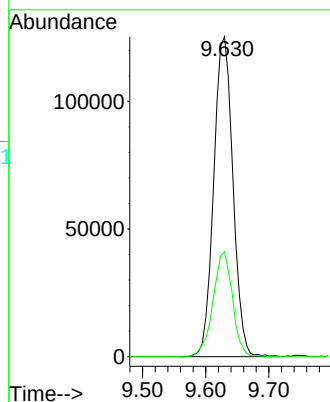
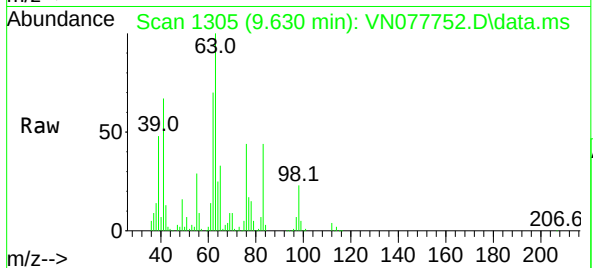
65 32.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#46

Dibromomethane

Concen: 50.000 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

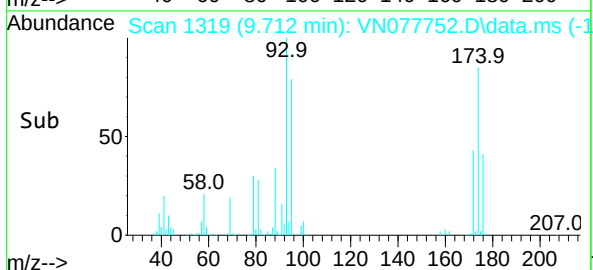
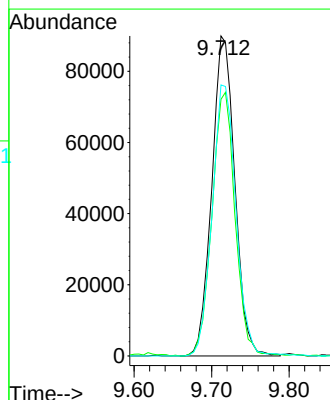
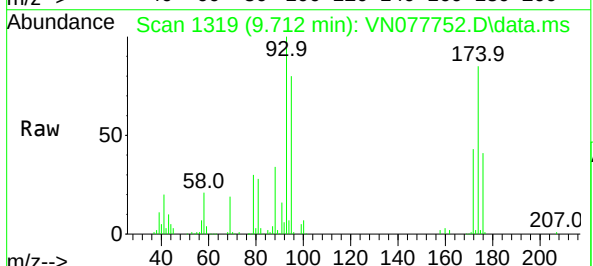
Tgt Ion: 93 Resp: 185621

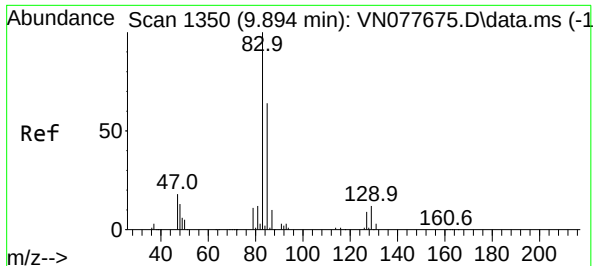
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

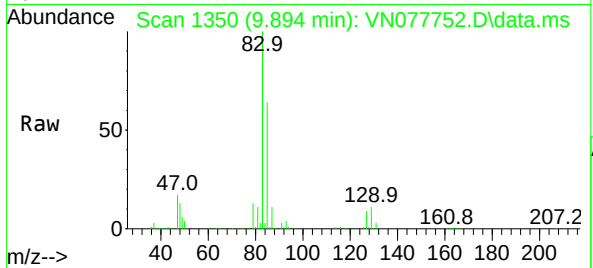
174 87.9 65.6 98.4





#47
Bromodichloromethane
Concen: 52.501 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

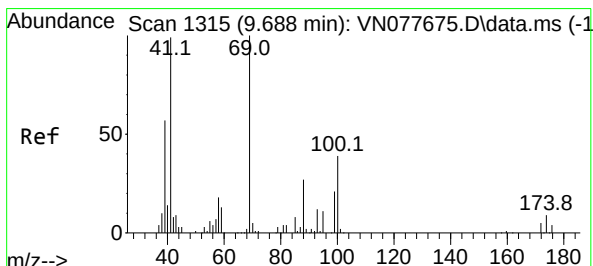
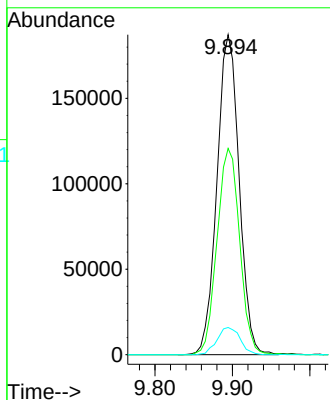
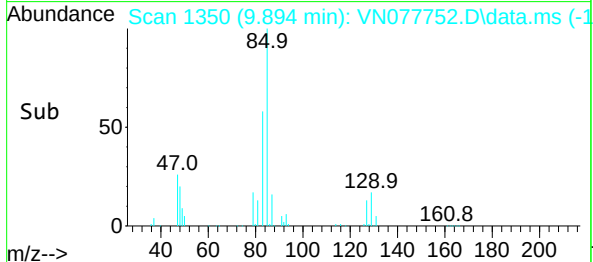
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



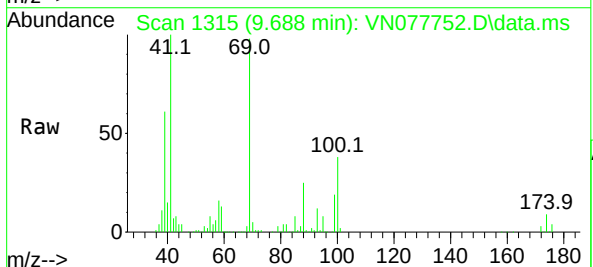
Tgt Ion: 83 Resp: 37315
Ion Ratio Lower Upper
83 100
85 64.5 49.6 74.4
127 8.5 7.0 10.6

Manual Integrations
APPROVED

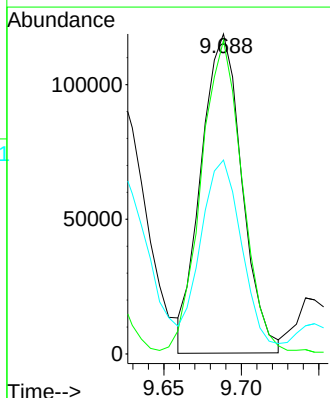
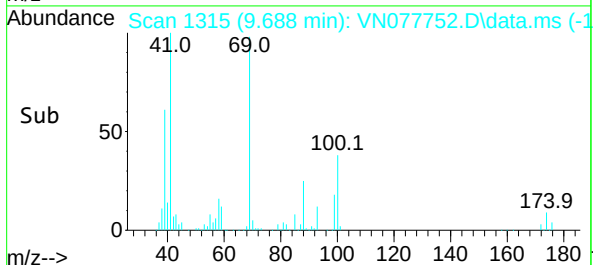
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

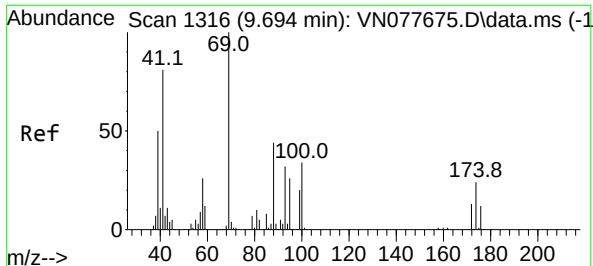


#48
Methyl methacrylate
Concen: 45.746 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



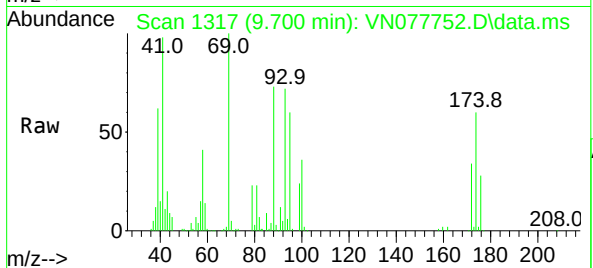
Tgt Ion: 41 Resp: 217642
Ion Ratio Lower Upper
41 100
69 98.7 90.4 135.6
39 61.9 54.6 81.8





#49
1,4-Dioxane
Concen: 1023.544 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

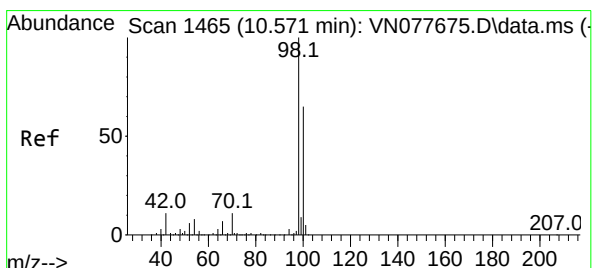
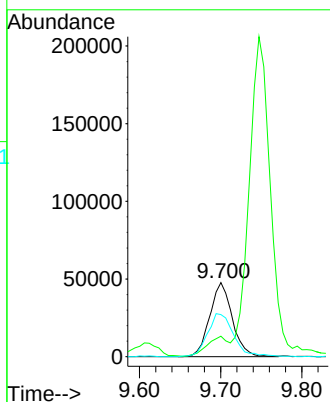
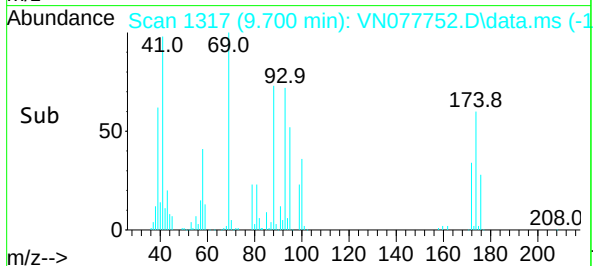
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 91974
Ion Ratio Lower Upper
88 100
43 25.9 17.0 25.6
58 67.6 47.0 70.4

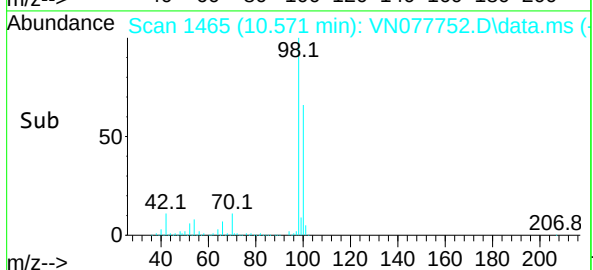
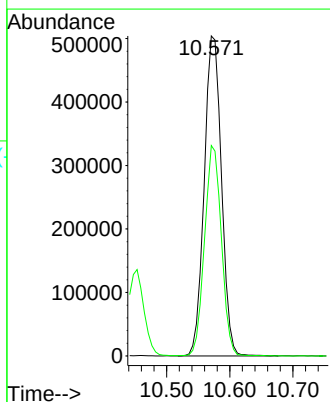
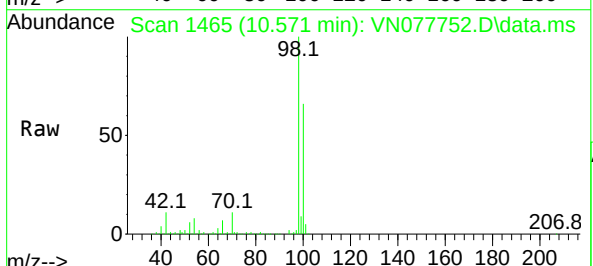
Manual Integrations
APPROVED

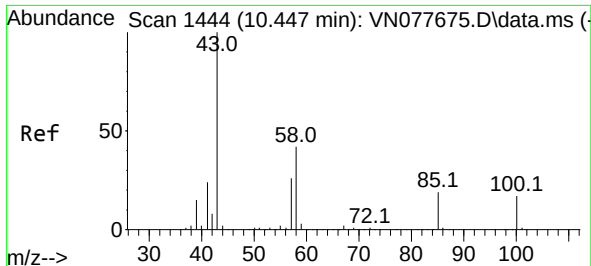
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#50
Toluene-d8
Concen: 52.707 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

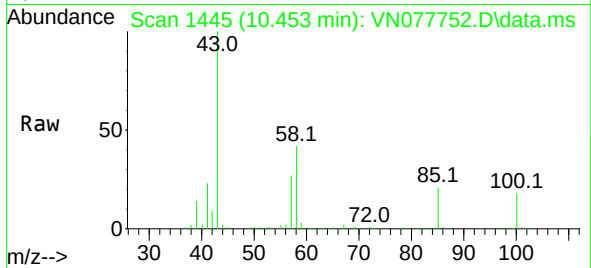
Tgt Ion: 98 Resp: 956005
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 230.251 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

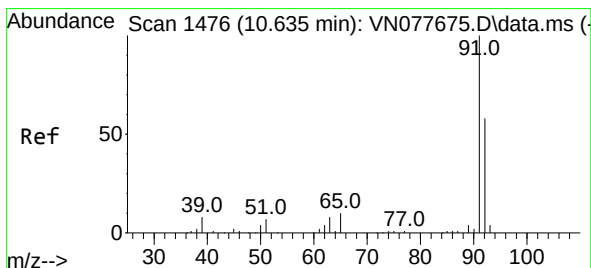
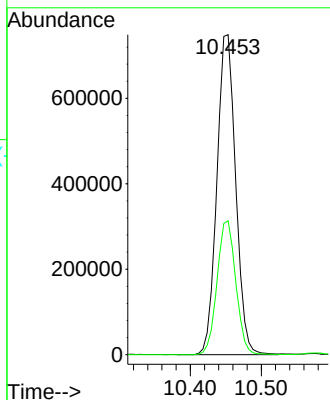
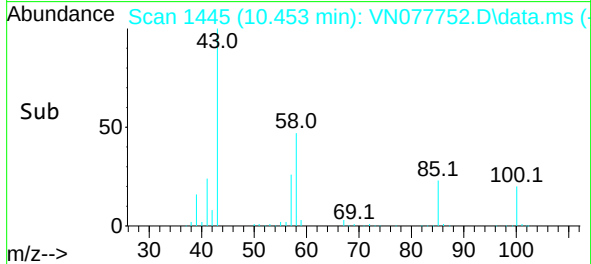
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



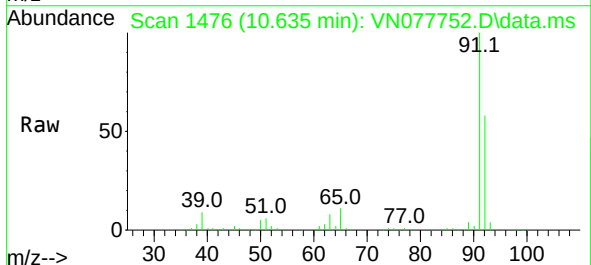
Tgt Ion: 43 Resp: 1373379
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8

Manual Integrations
APPROVED

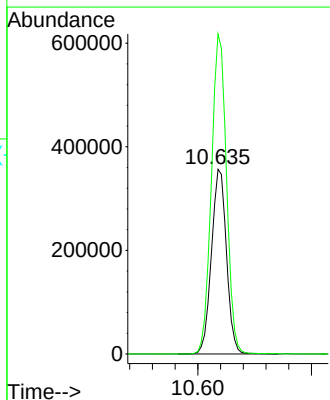
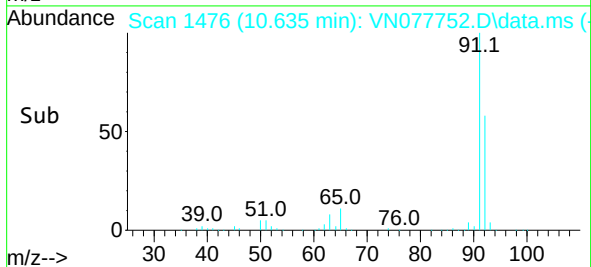
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

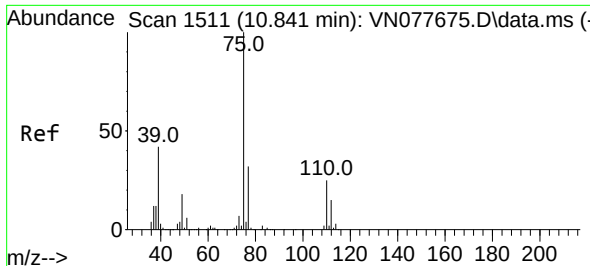


#52
Toluene
Concen: 51.477 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



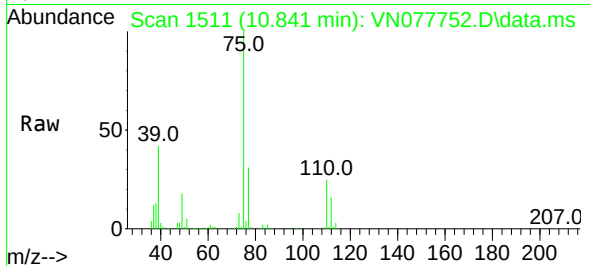
Tgt Ion: 92 Resp: 651832
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.380 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

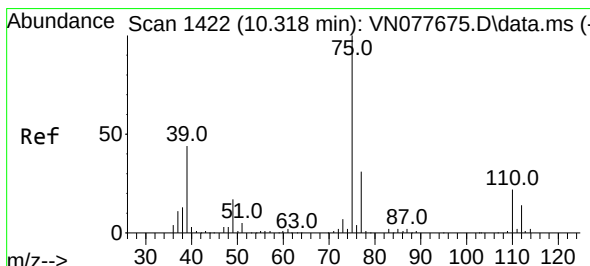
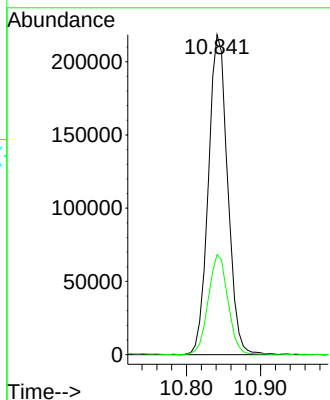
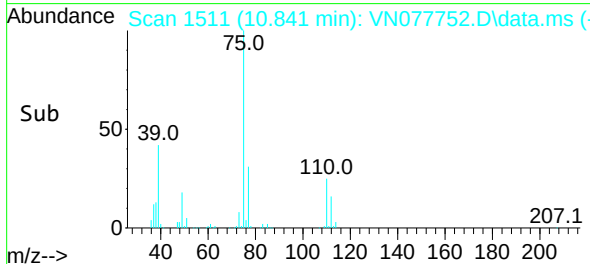
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 39424
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

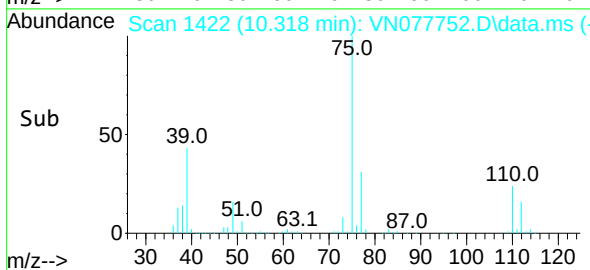
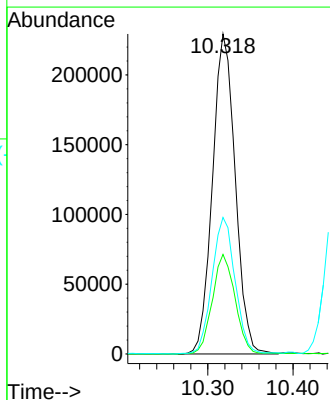
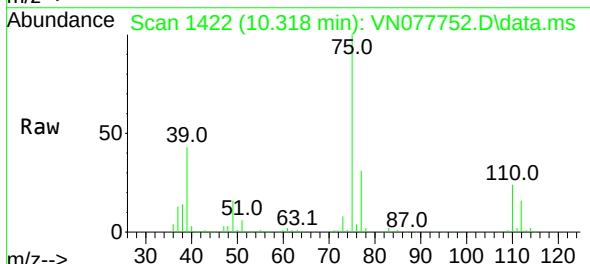
Manual Integrations
APPROVED

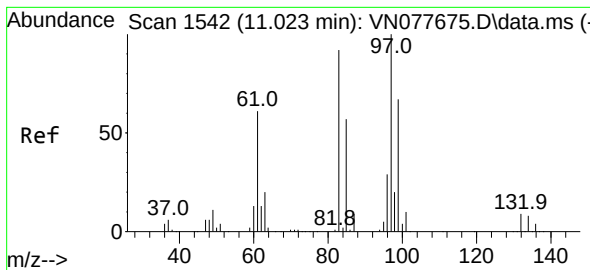
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#54
cis-1,3-Dichloropropene
Concen: 51.457 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

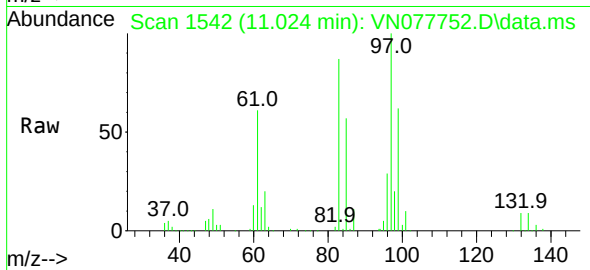
Tgt Ion: 75 Resp: 426798
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 42.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.204 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

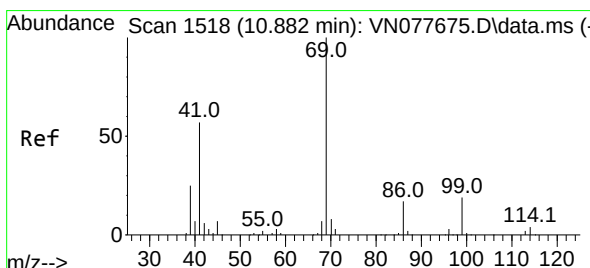
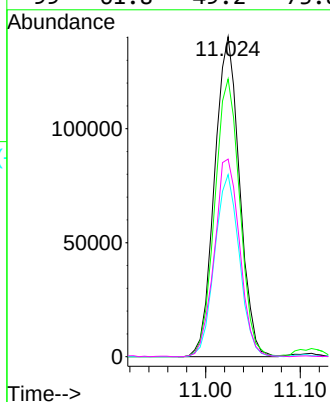
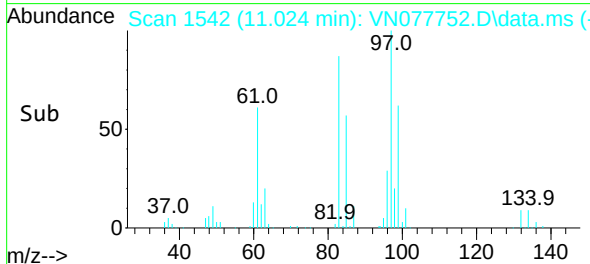


Tgt Ion: 97 Resp: 25744

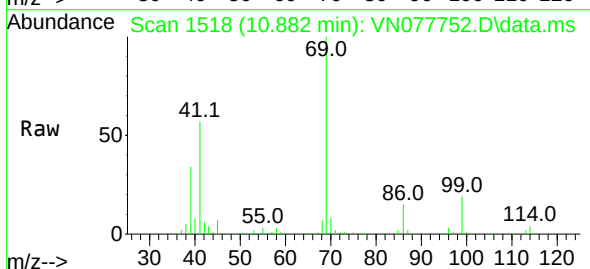
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.1	97.7
85	56.9	43.4	65.2
99	61.8	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

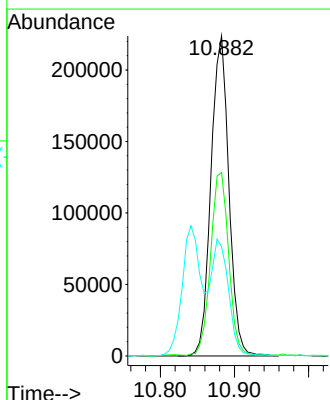
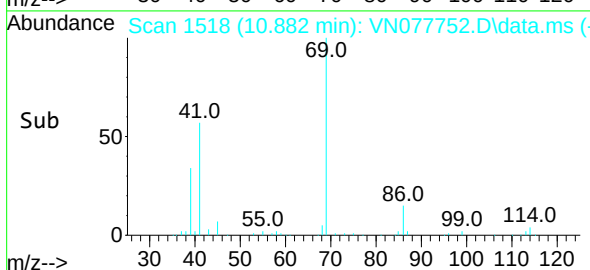


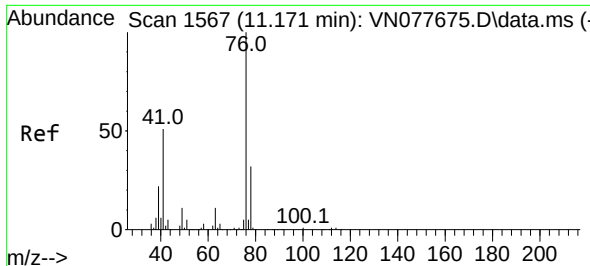
#56
Ethyl methacrylate
Concen: 49.373 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



Tgt Ion: 69 Resp: 375330

Ion	Ratio	Lower	Upper
69	100		
41	57.7	39.6	59.4
39	36.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 50.882 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 438560

Ion Ratio Lower Upper

76 100

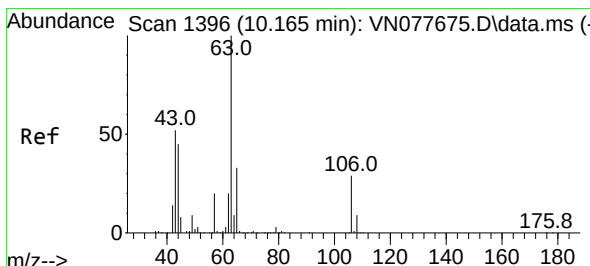
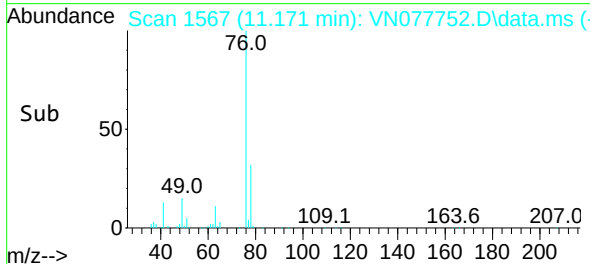
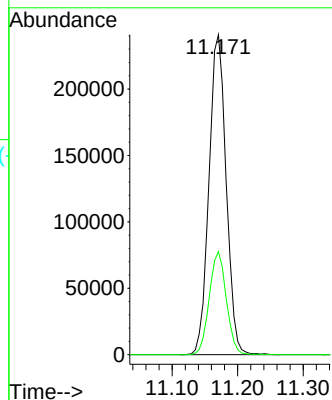
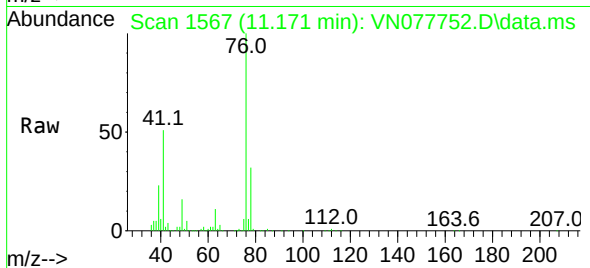
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 238.220 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077752.D

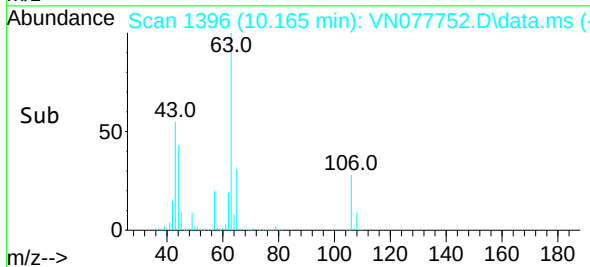
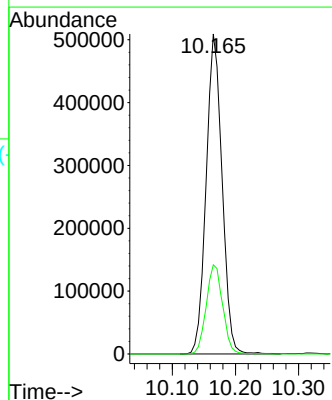
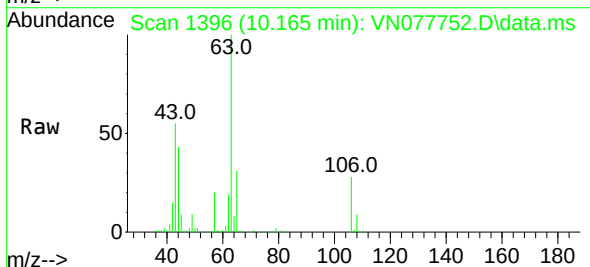
Acq: 19 May 2023 09:58

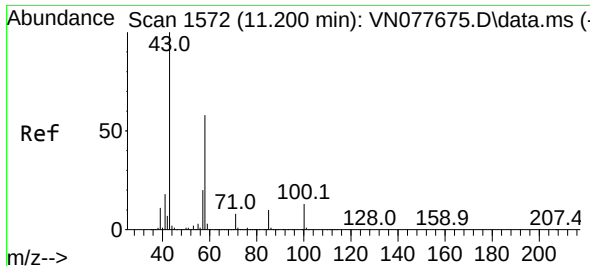
Tgt Ion: 63 Resp: 890913

Ion Ratio Lower Upper

63 100

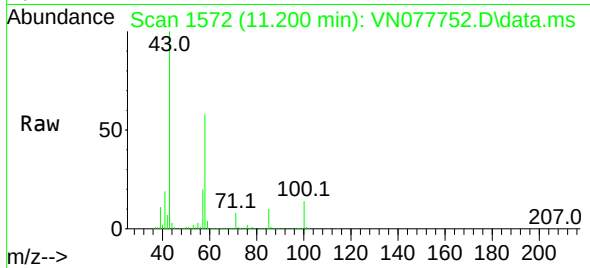
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 222.857 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

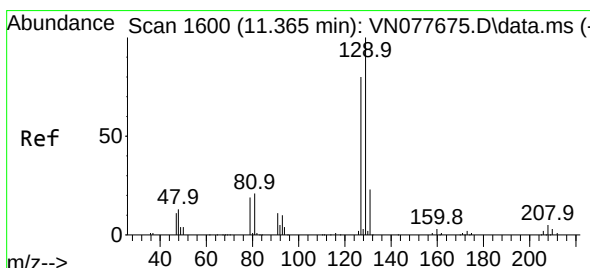
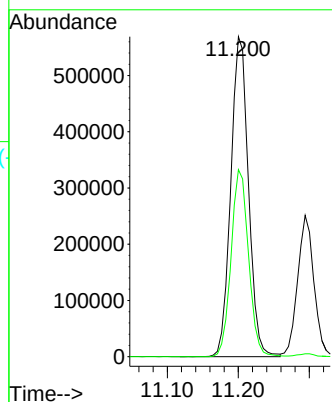
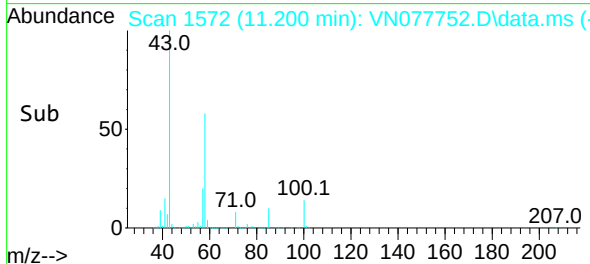
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 983209
Ion Ratio Lower Upper
43 100
58 57.9 31.7 95.1

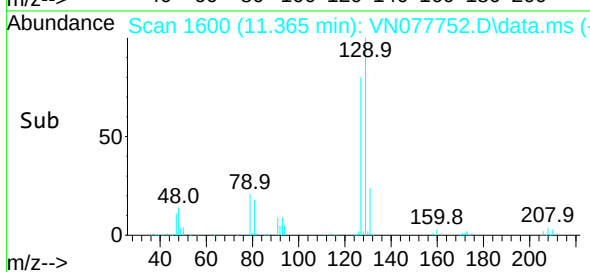
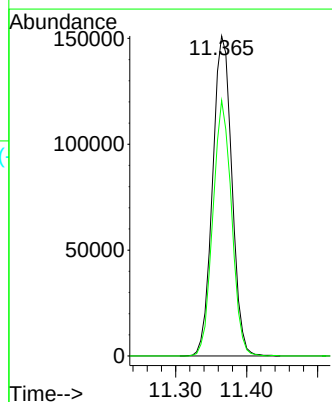
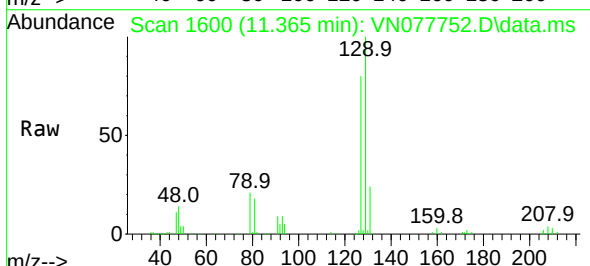
Manual Integrations
APPROVED

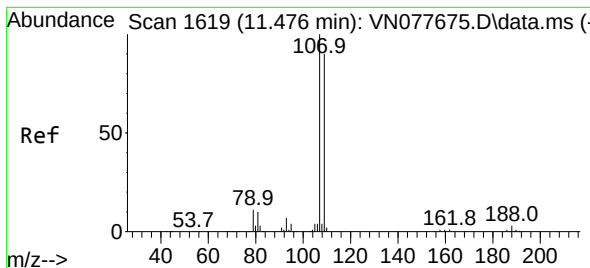
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#60
Dibromochloromethane
Concen: 54.865 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

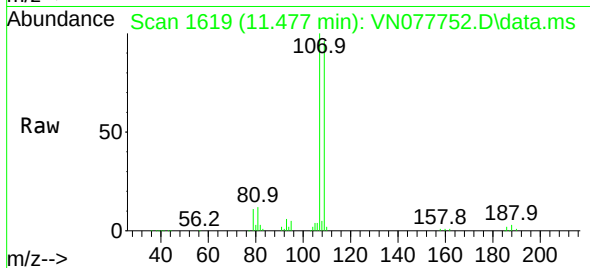
Tgt Ion:129 Resp: 284772
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.155 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

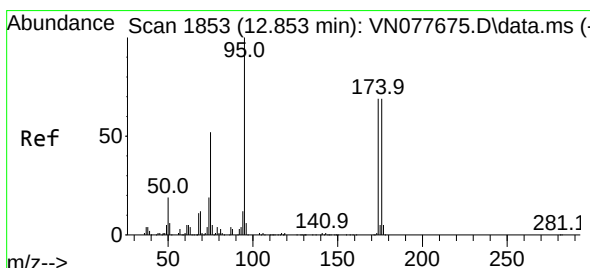
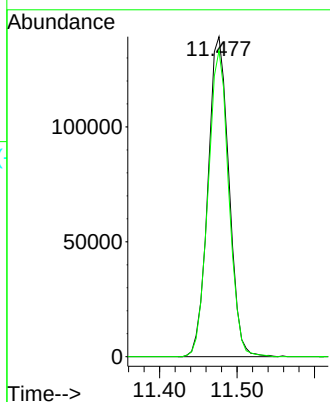
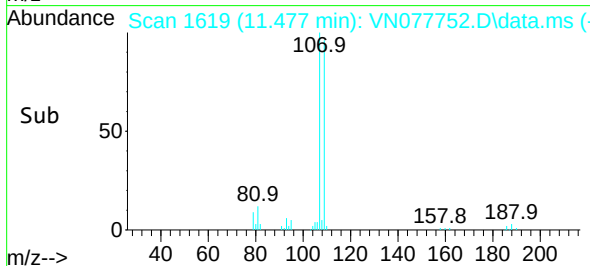
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



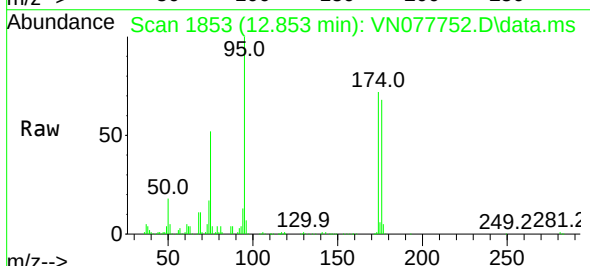
Tgt Ion: 107 Resp: 261600
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

Manual Integrations
APPROVED

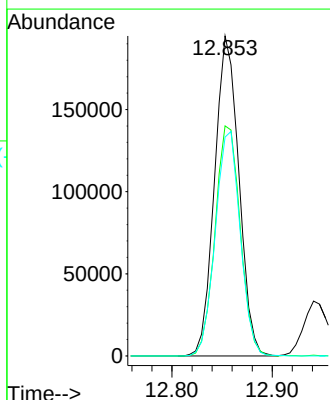
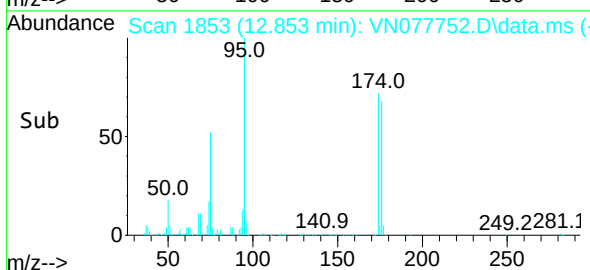
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

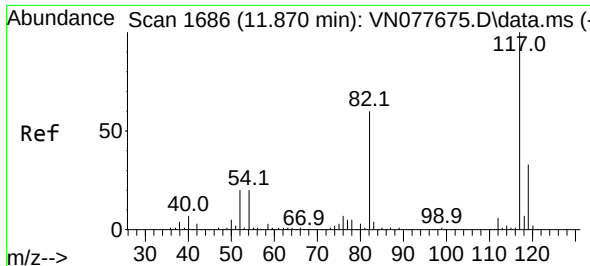


#62
4-Bromofluorobenzene
Concen: 51.109 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



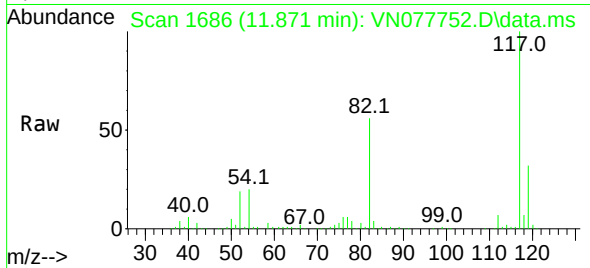
Tgt Ion: 95 Resp: 327406
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

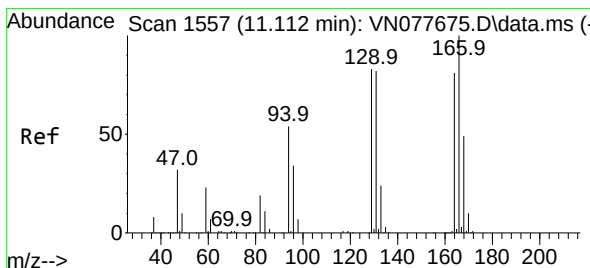
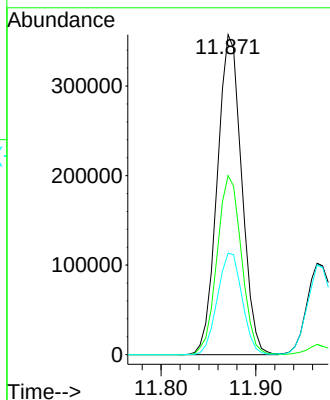
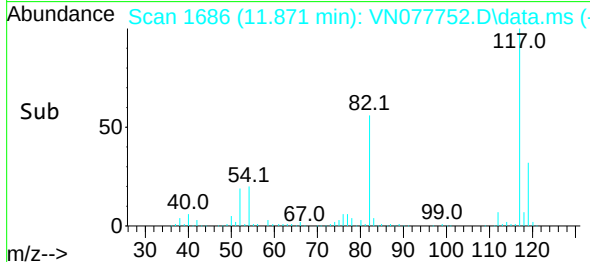
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 641708
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.7 25.6 38.4

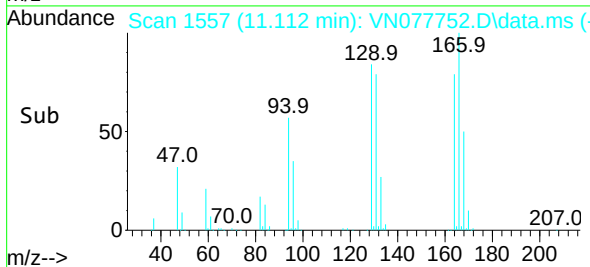
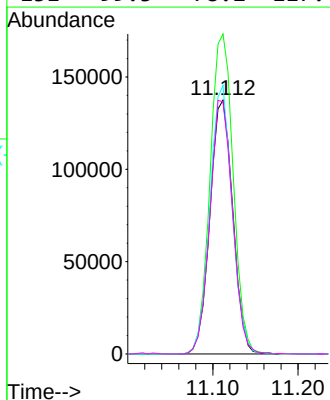
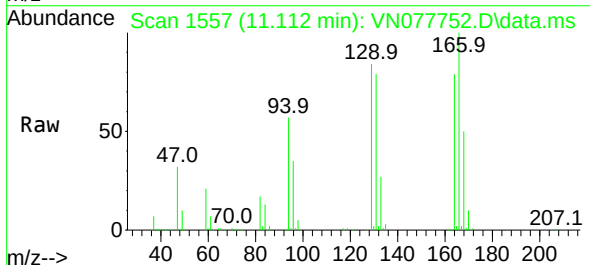
Manual Integrations
APPROVED

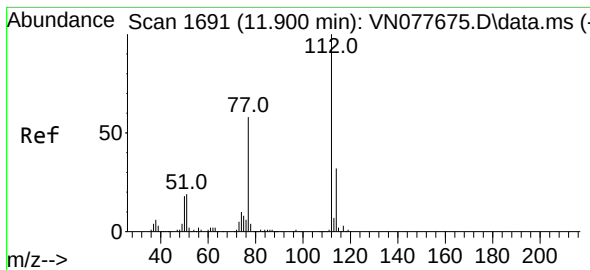
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#64
Tetrachloroethene
Concen: 57.047 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

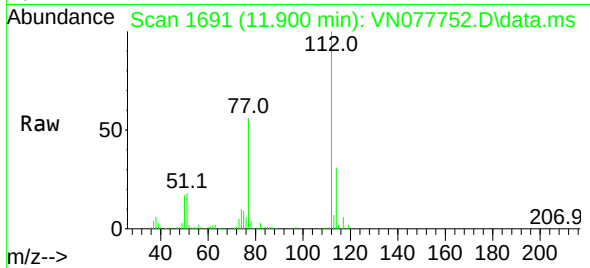
Tgt Ion:164 Resp: 256005
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 105.8 82.4 123.6
131 99.3 78.2 117.4





#65
Chlorobenzene
Concen: 50.661 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

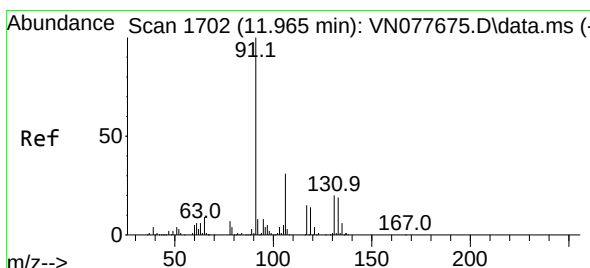
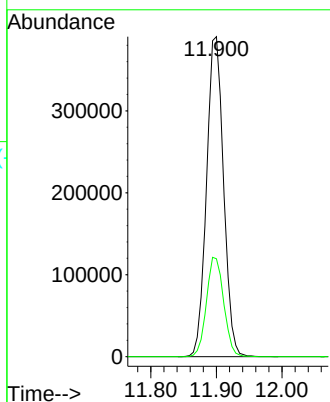
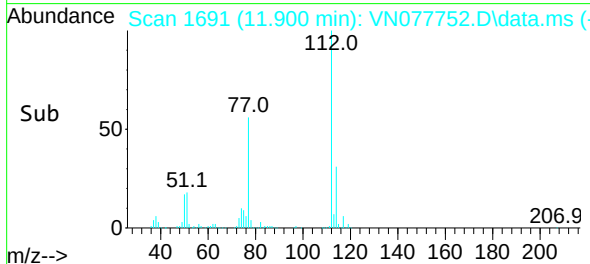
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 70476
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.4

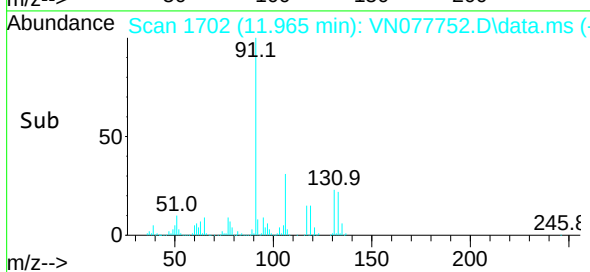
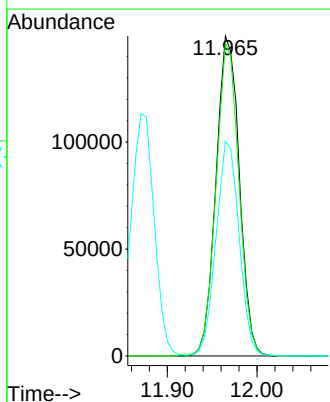
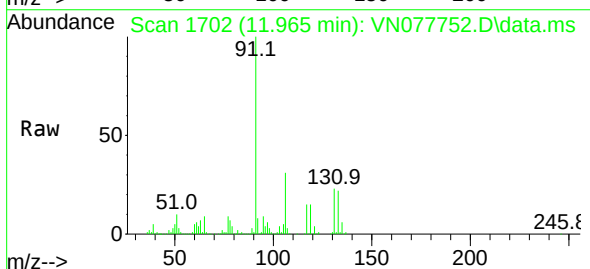
Manual Integrations
APPROVED

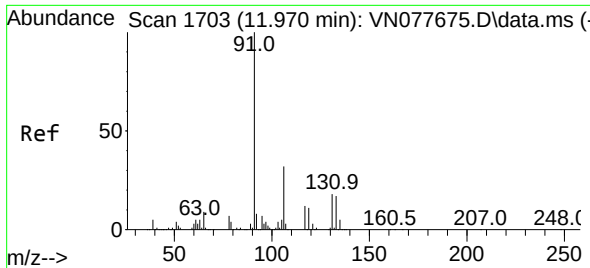
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.135 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

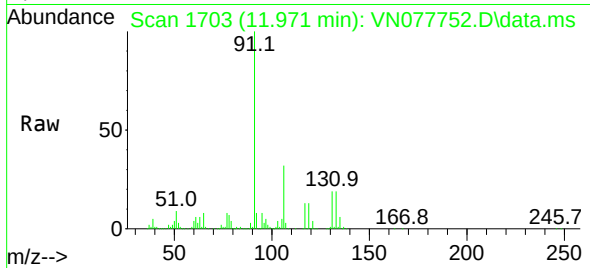
Tgt Ion:131 Resp: 270208
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 66.6 34.1 102.2





#67
Ethyl Benzene
Concen: 50.530 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

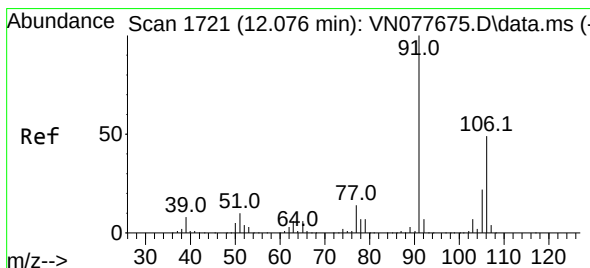
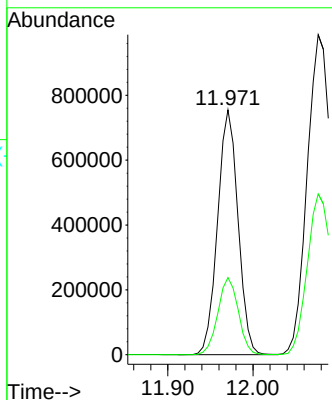
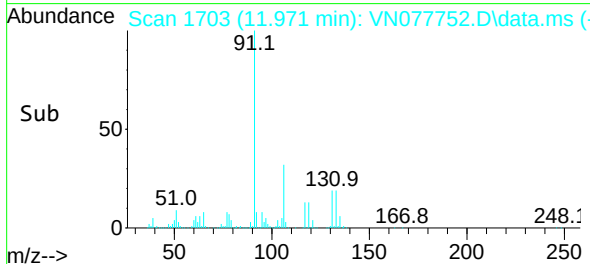
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 125972
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

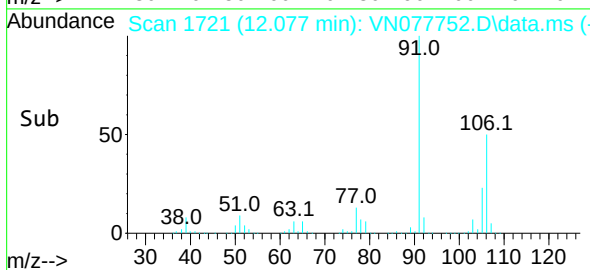
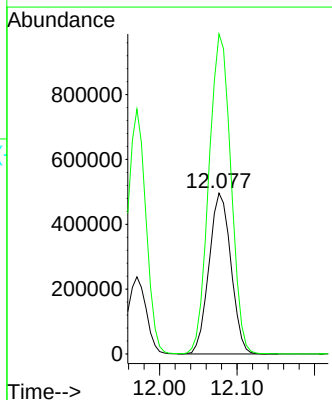
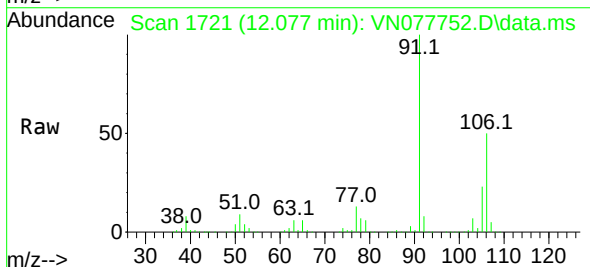
Manual Integrations
APPROVED

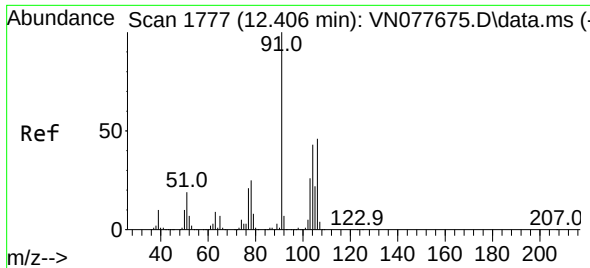
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#68
m/p-Xylenes
Concen: 103.180 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Tgt Ion:106 Resp: 974658
Ion Ratio Lower Upper
106 100
91 200.2 159.6 239.4





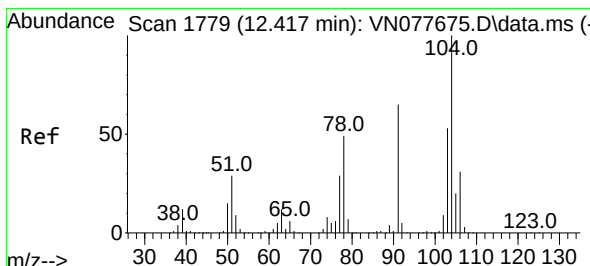
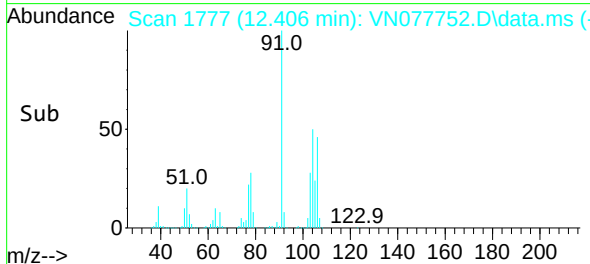
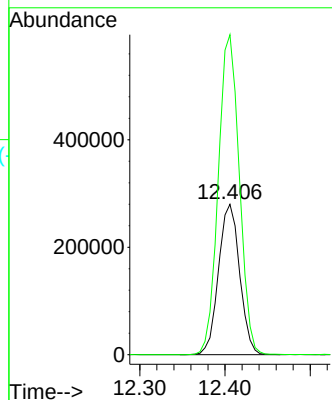
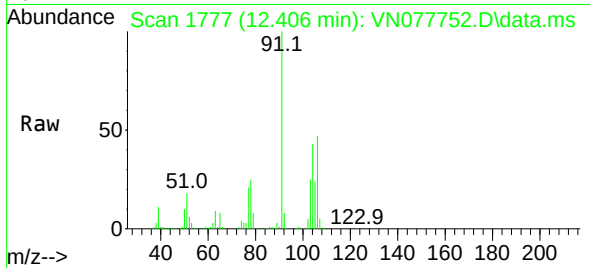
#69
o-Xylene
Concen: 51.946 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 482574
Ion Ratio Lower Upper
106 100
91 212.2 105.2 315.5

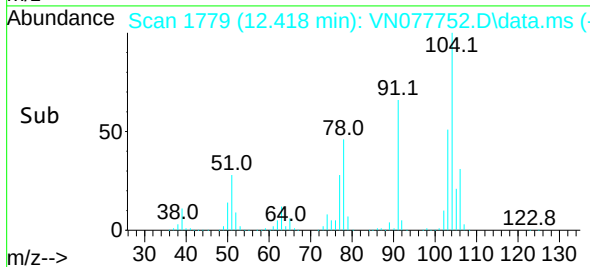
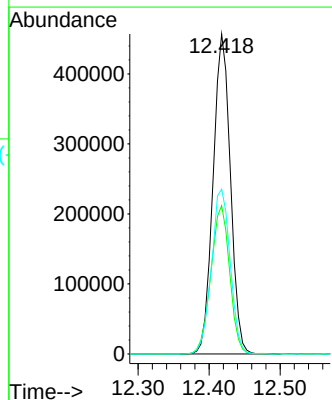
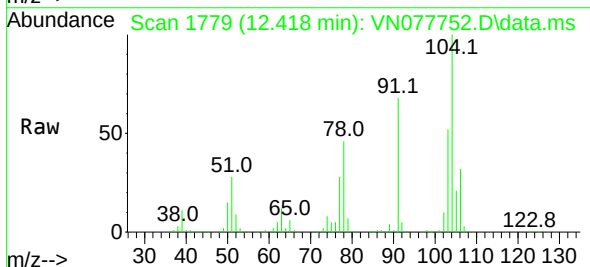
Manual Integrations
APPROVED

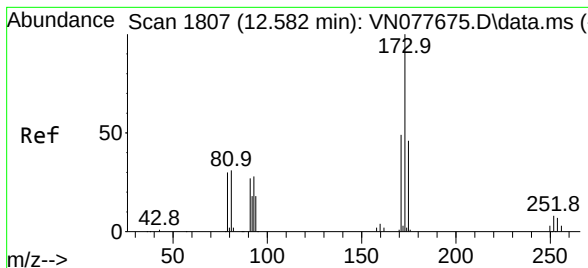
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#70
Styrene
Concen: 52.377 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Tgt Ion:104 Resp: 772956
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.8 43.2 64.8





#71

Bromoform

Concen: 57.743 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 18490

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

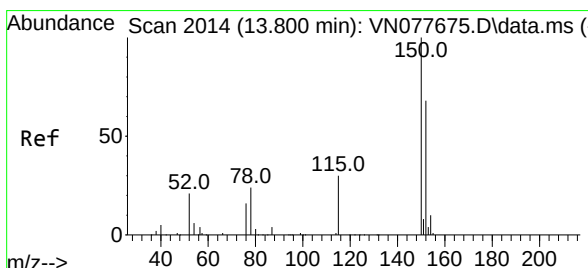
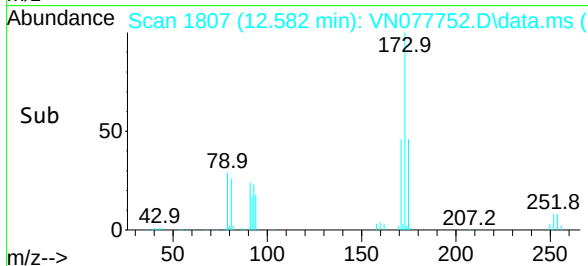
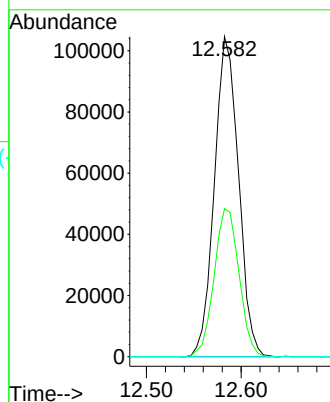
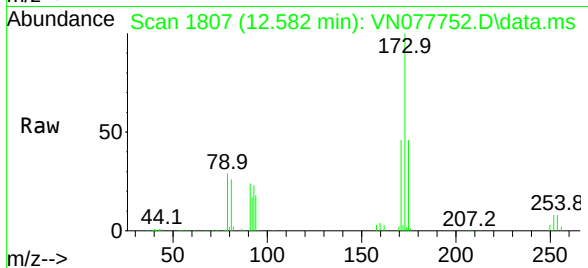
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

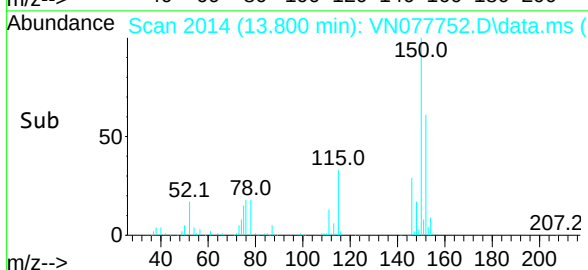
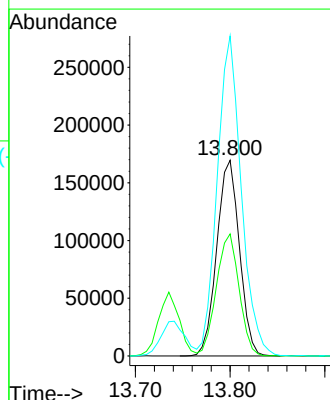
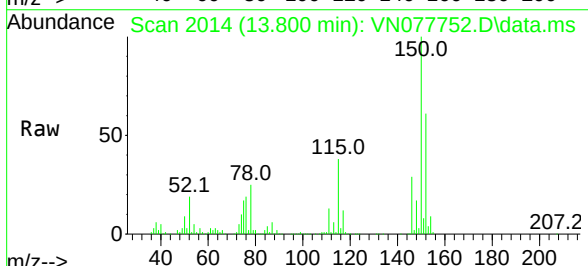
Tgt Ion:152 Resp: 282090

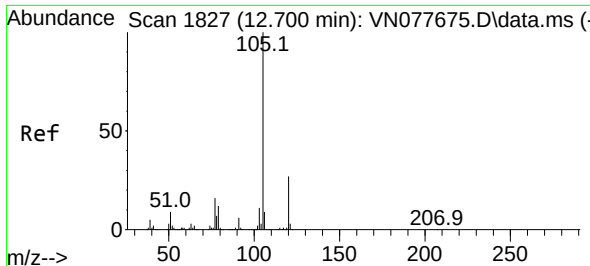
Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

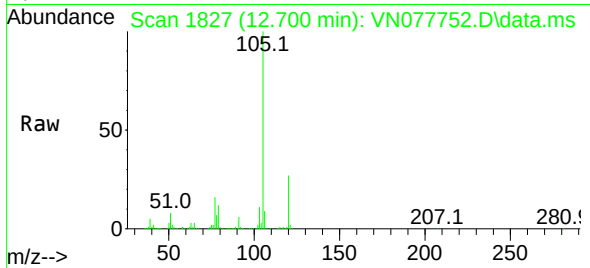
150 173.5 0.0 355.8





#73
Isopropylbenzene
Concen: 51.518 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

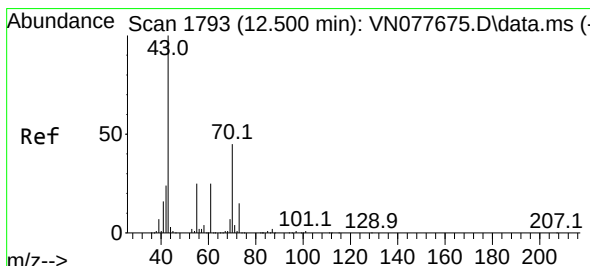
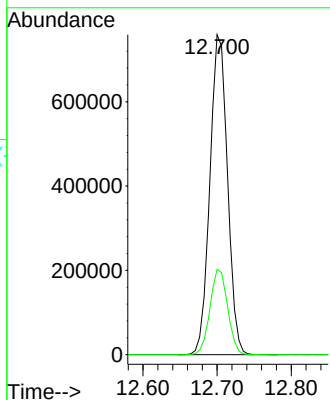
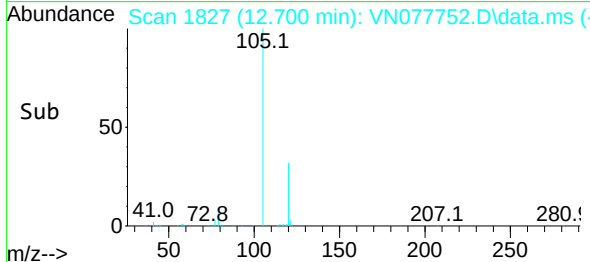
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



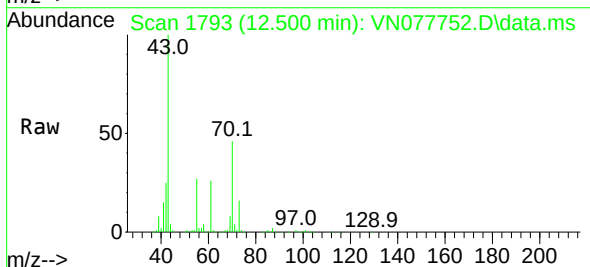
Tgt Ion:105 Resp: 1252715
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

Manual Integrations
APPROVED

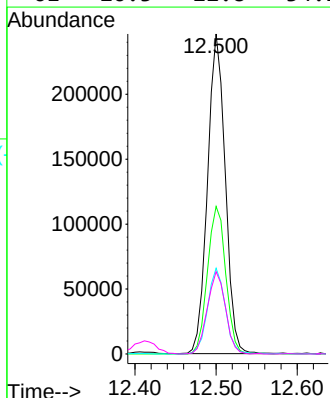
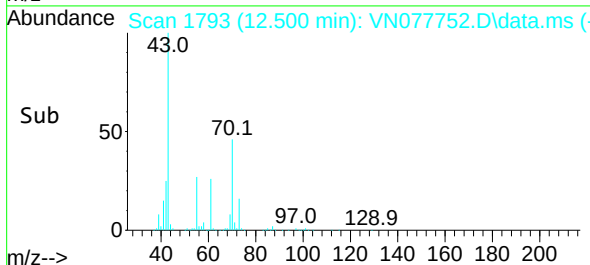
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

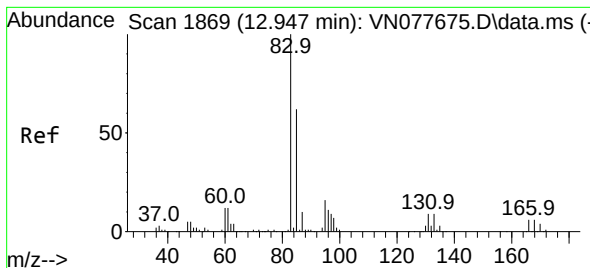


#74
N-ethyl acetate
Concen: 41.486 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



Tgt Ion: 43 Resp: 372876
Ion Ratio Lower Upper
43 100
70 47.6 43.4 65.2
55 27.0 21.4 32.0
61 26.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.652 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

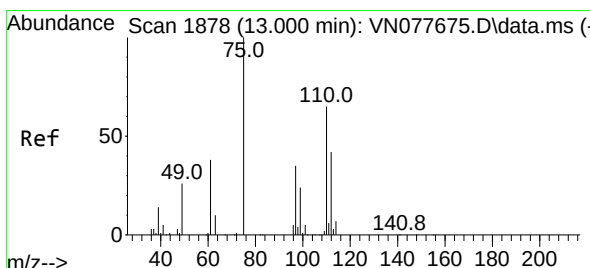
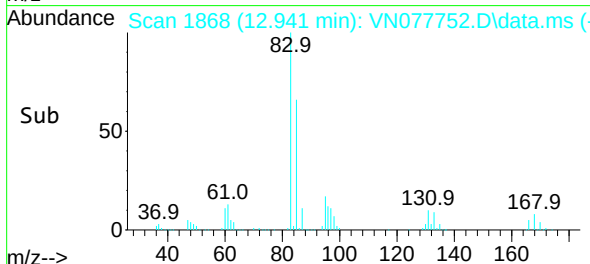
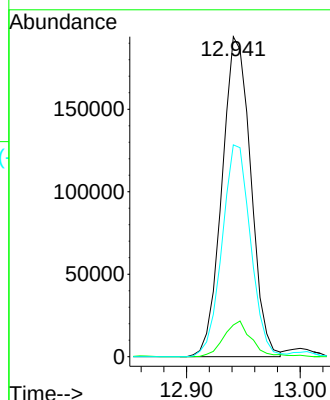
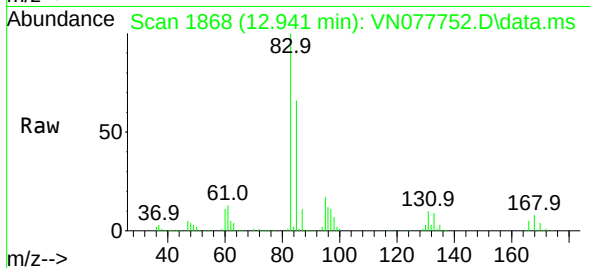
Tgt Ion: 83 Resp: 341507
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 15.0
 85 65.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#76

1,2,3-Trichloropropane

Concen: 42.068 ug/l m

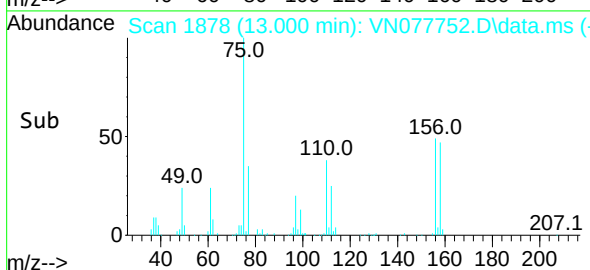
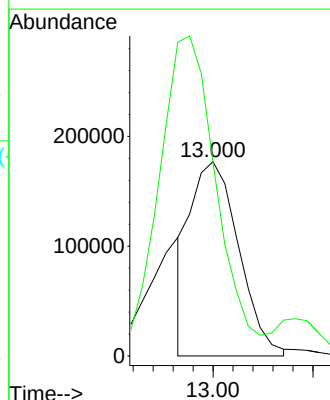
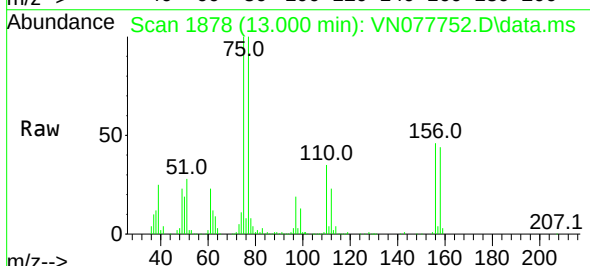
RT: 13.000 min Scan# 1878

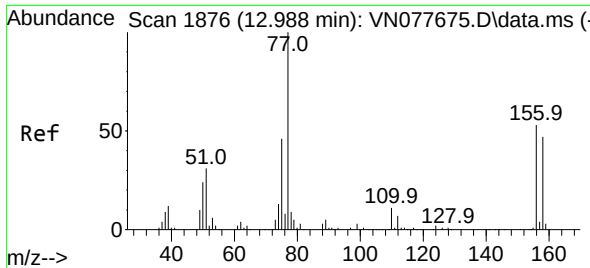
Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

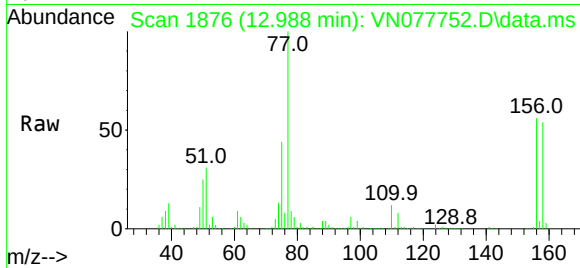
Tgt Ion: 75 Resp: 297194
 Ion Ratio Lower Upper
 75 100
 77 196.7 84.5 253.5





#77
Bromobenzene
Concen: 50.280 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

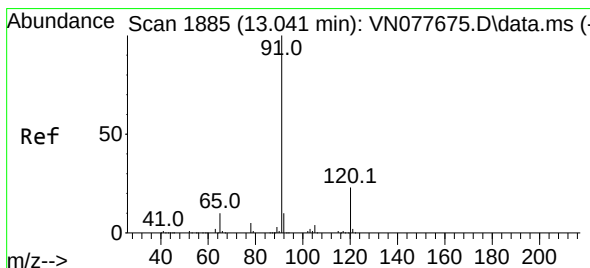
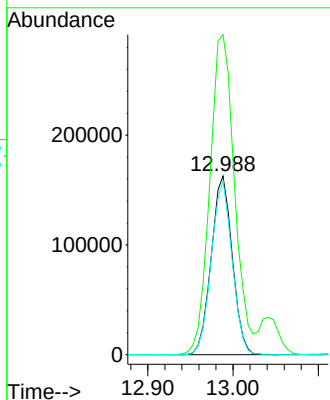
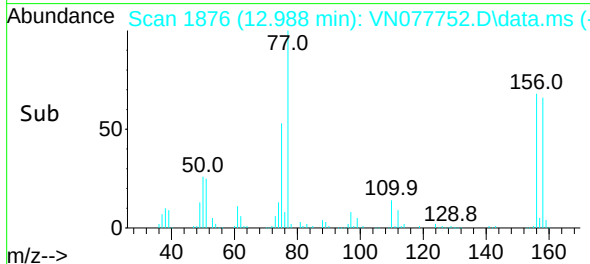
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 279012
Ion Ratio Lower Upper
156 100
77 209.5 107.7 323.3
158 96.0 48.4 145.3

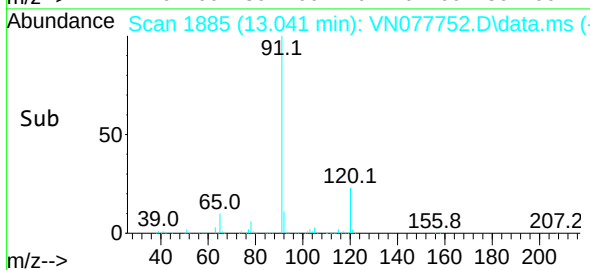
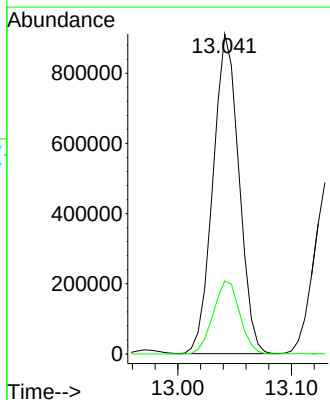
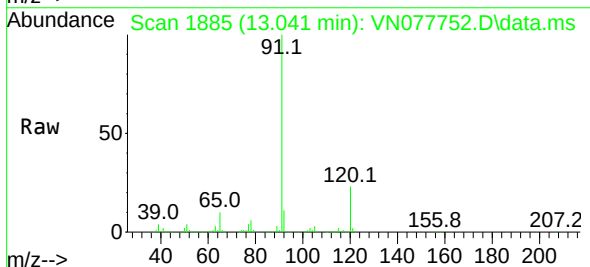
Manual Integrations
APPROVED

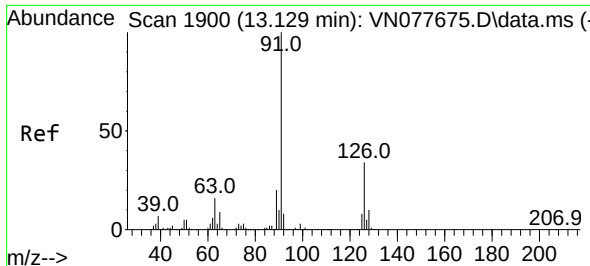
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#78
n-propylbenzene
Concen: 50.501 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Tgt Ion: 91 Resp: 1447725
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





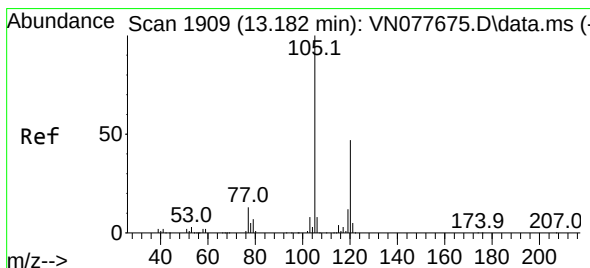
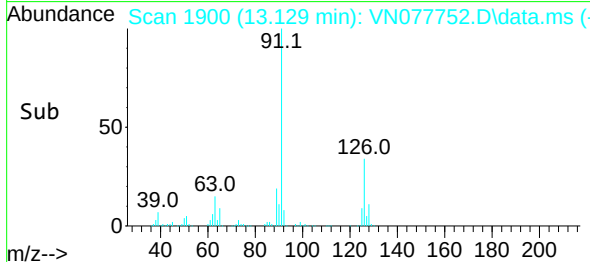
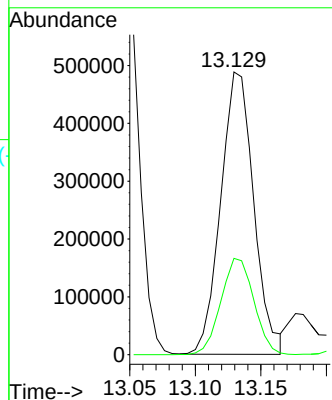
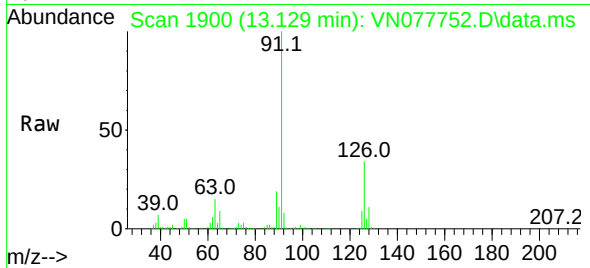
#79
2-Chlorotoluene
Concen: 50.070 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 856509
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

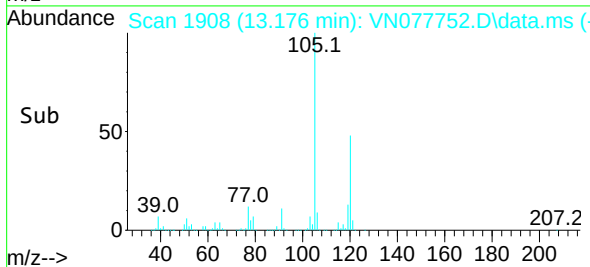
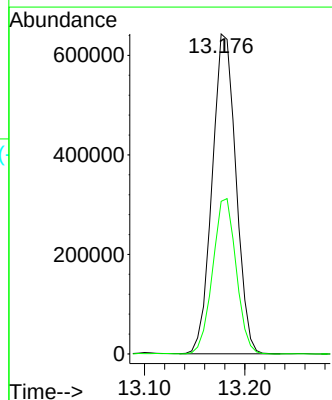
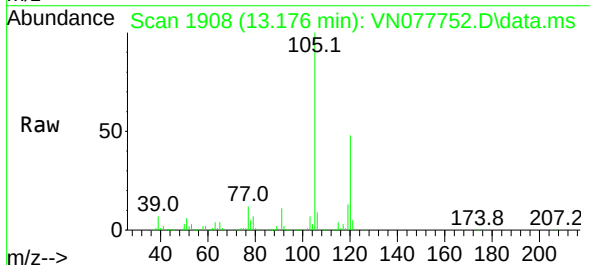
Manual Integrations
APPROVED

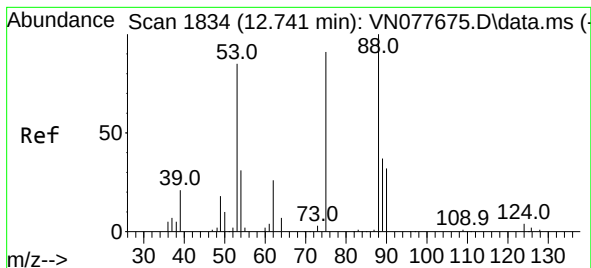
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.847 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

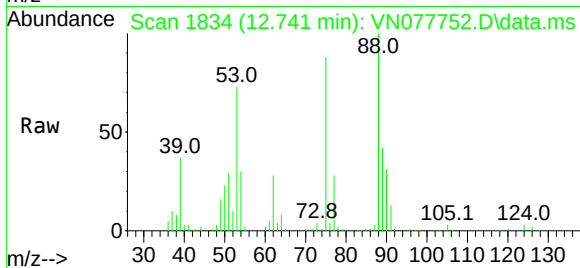
Tgt Ion:105 Resp: 1059589
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.944 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

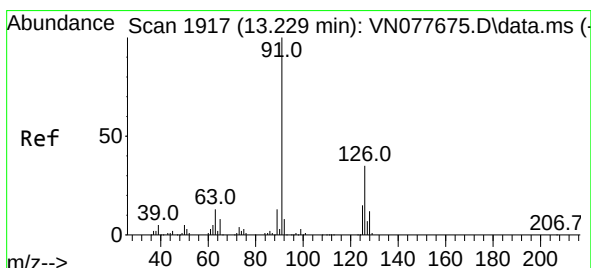
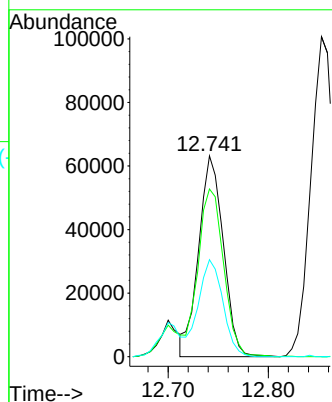
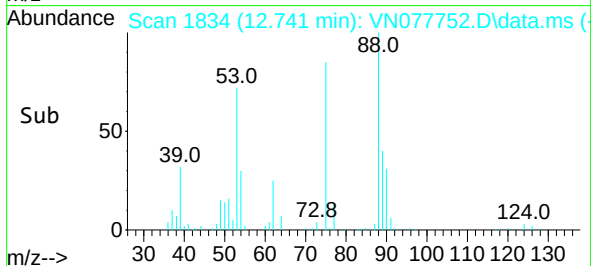
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



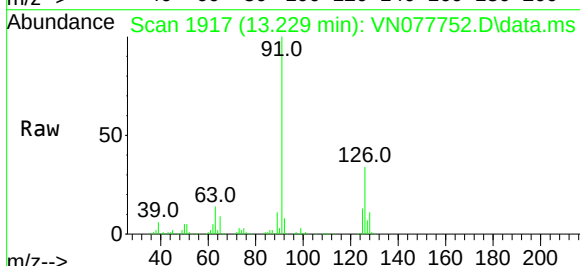
Tgt Ion: 75 Resp: 108169
Ion Ratio Lower Upper
75 100
53 85.5 67.4 101.2
89 47.4 38.8 58.2

Manual Integrations
APPROVED

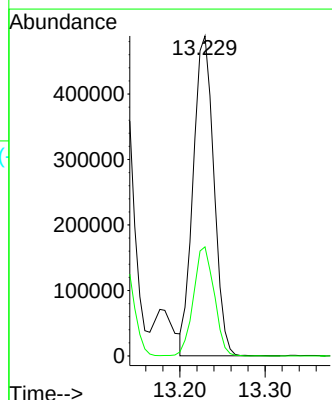
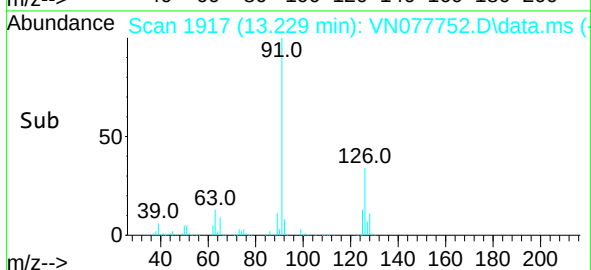
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

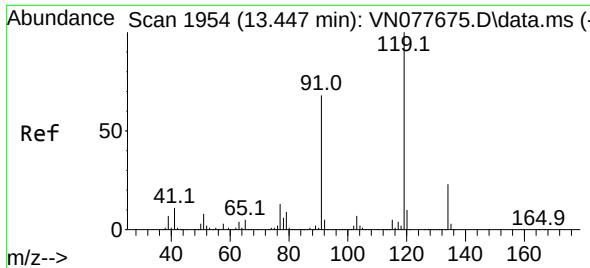


#82
4-Chlorotoluene
Concen: 48.239 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



Tgt Ion: 91 Resp: 821034
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





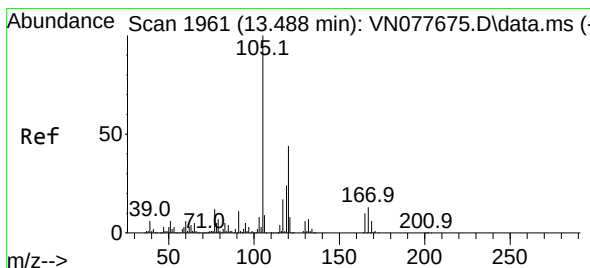
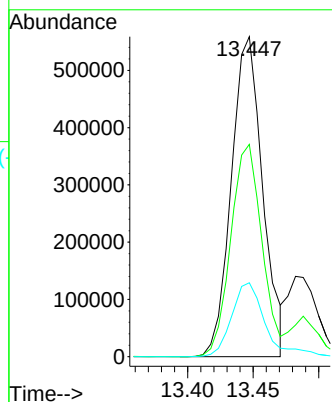
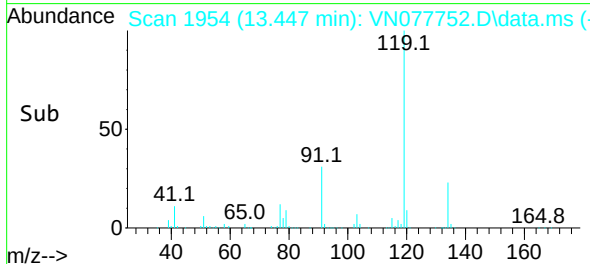
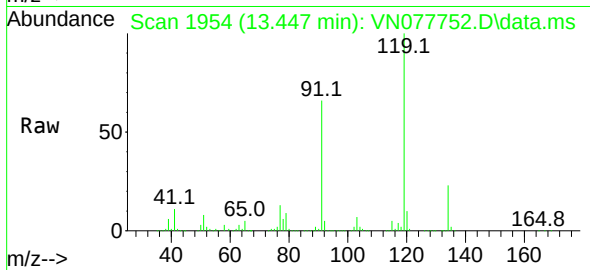
#83
tert-Butylbenzene
Concen: 52.140 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 930235
Ion Ratio Lower Upper
119 100
91 65.8 33.9 101.7
134 24.8 13.2 39.6

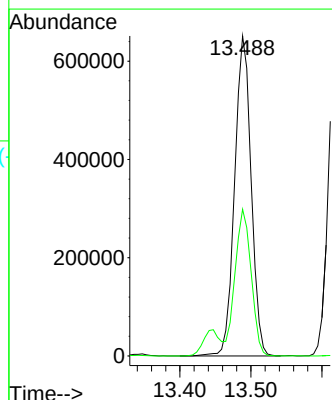
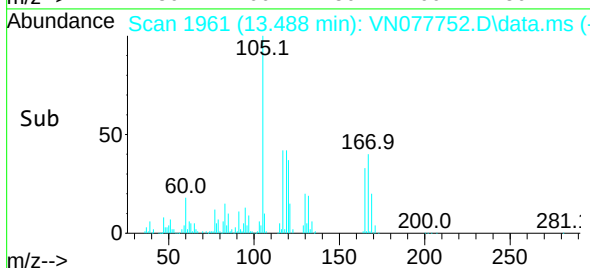
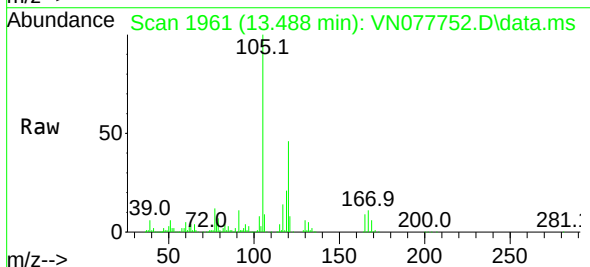
Manual Integrations
APPROVED

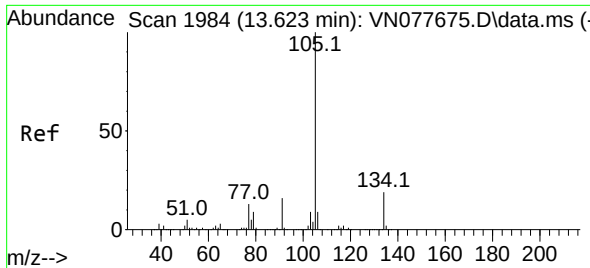
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.391 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Tgt Ion:105 Resp: 1053031
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





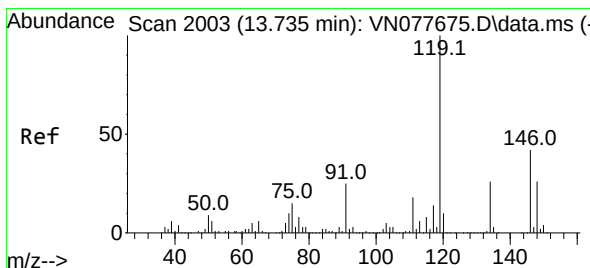
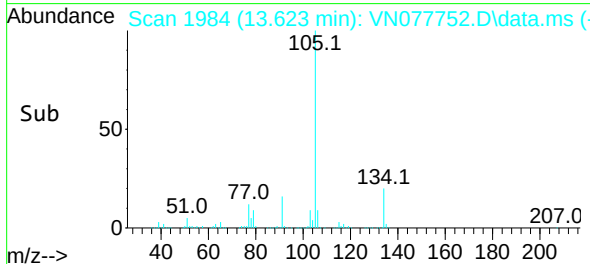
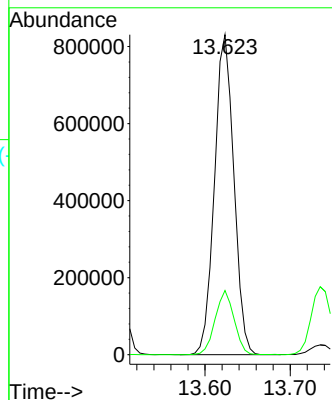
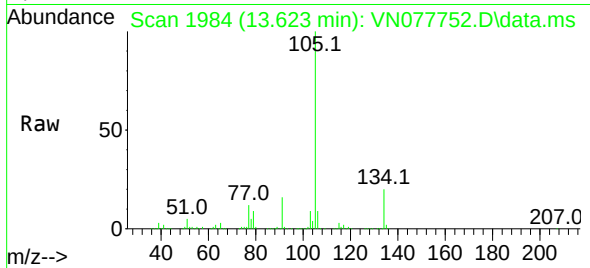
#85
 sec-Butylbenzene
 Concen: 51.898 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077752.D
 Acq: 19 May 2023 09:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1315900
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

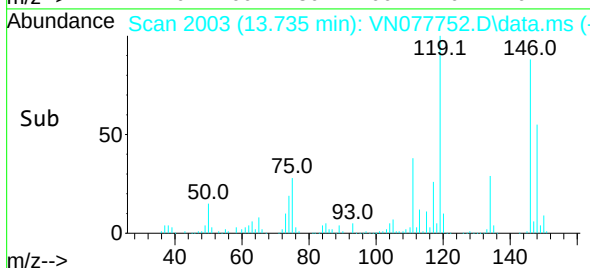
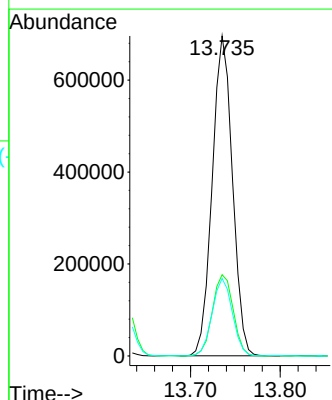
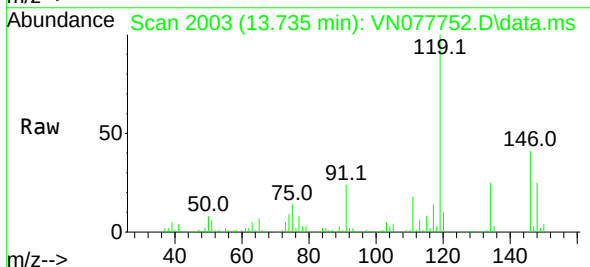
Manual Integrations
 APPROVED

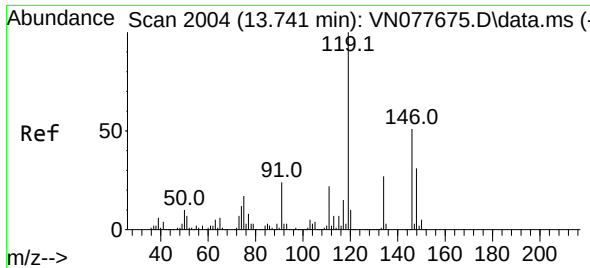
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#86
 p-Isopropyltoluene
 Concen: 53.874 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077752.D
 Acq: 19 May 2023 09:58

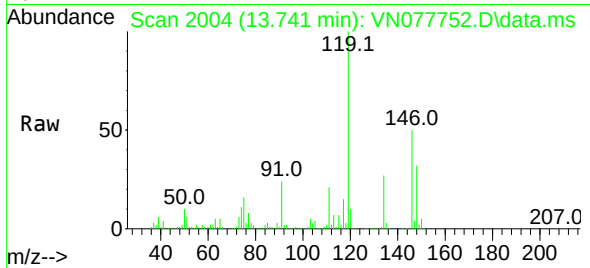
Tgt Ion:119 Resp: 1089029
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.531 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

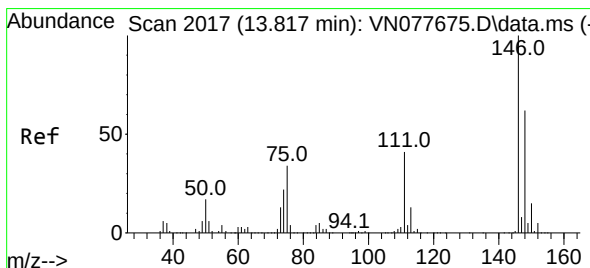
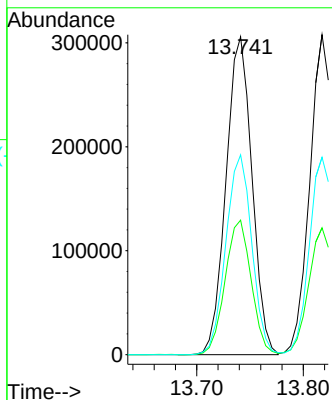
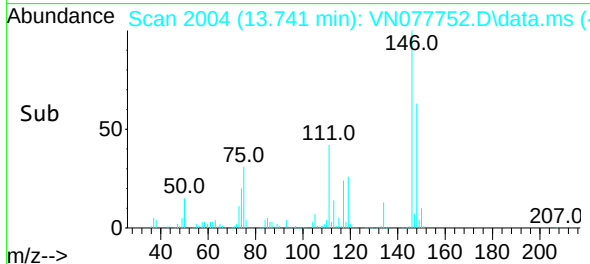
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



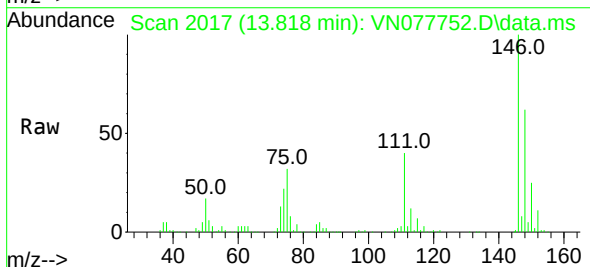
Tgt Ion:146 Resp: 518564
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 63.1 32.0 96.0

Manual Integrations
APPROVED

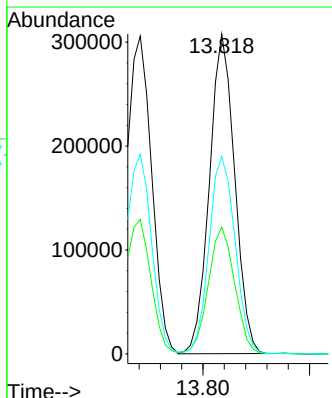
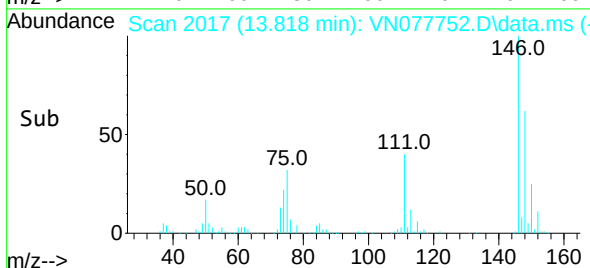
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

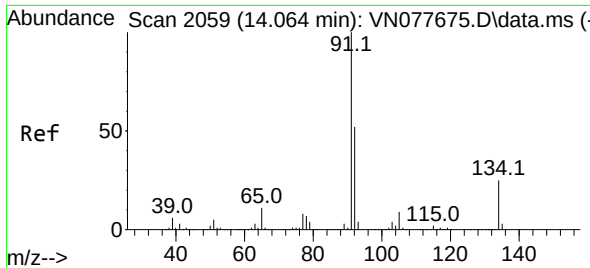


#88
1,4-Dichlorobenzene
Concen: 49.698 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



Tgt Ion:146 Resp: 506099
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.7 31.6 94.8





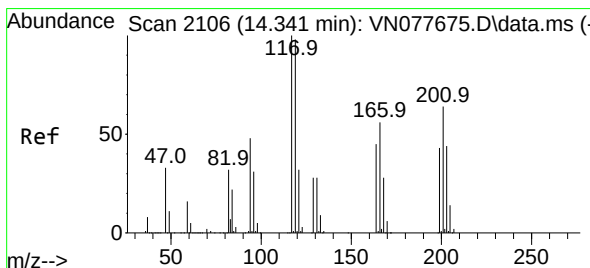
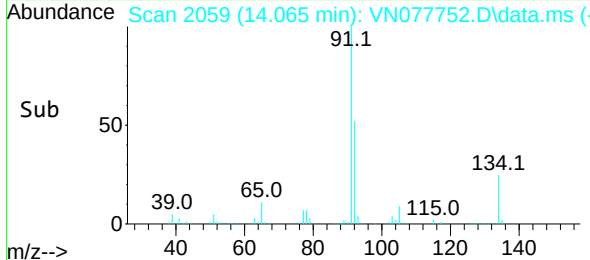
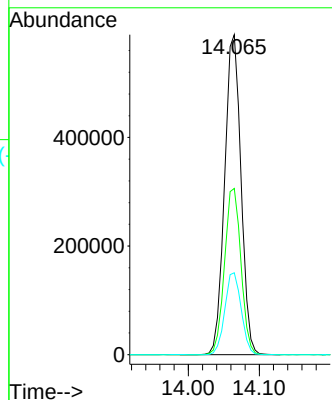
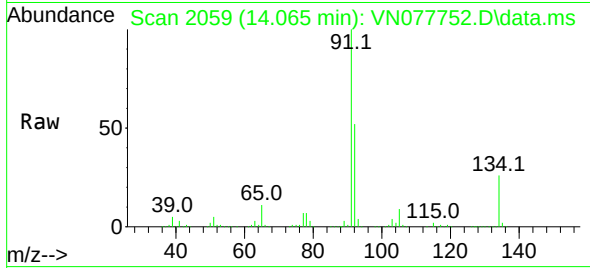
#89
n-Butylbenzene
Concen: 50.510 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 939118
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 25.6 12.6 37.6

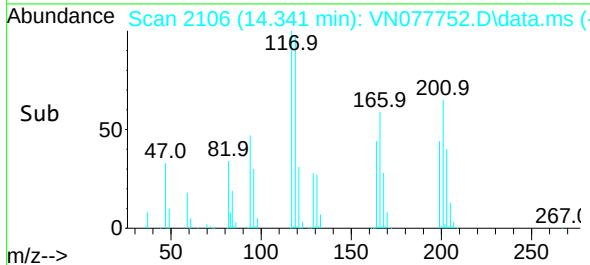
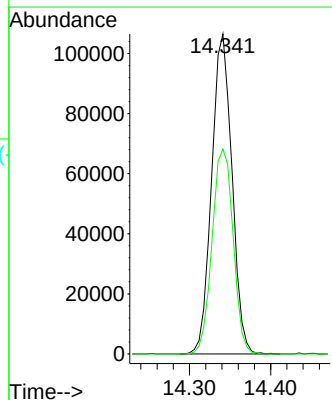
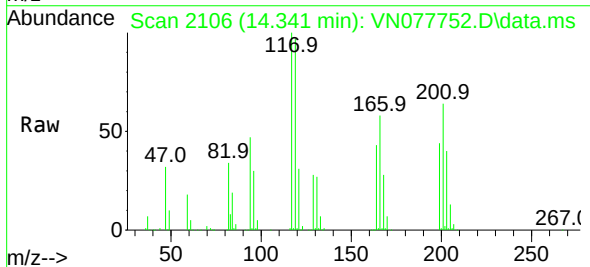
Manual Integrations
APPROVED

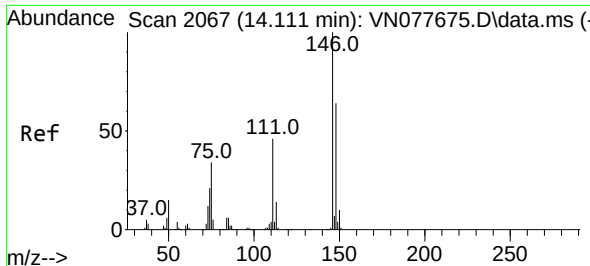
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#90
Hexachloroethane
Concen: 55.687 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

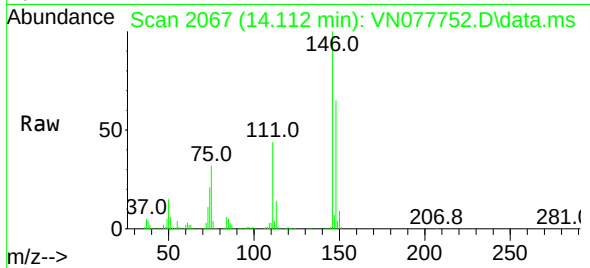
Tgt Ion:117 Resp: 184922
Ion Ratio Lower Upper
117 100
201 66.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 53.081 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58

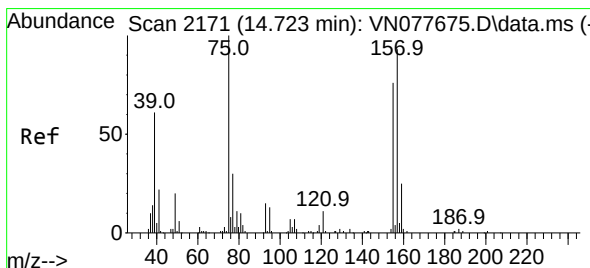
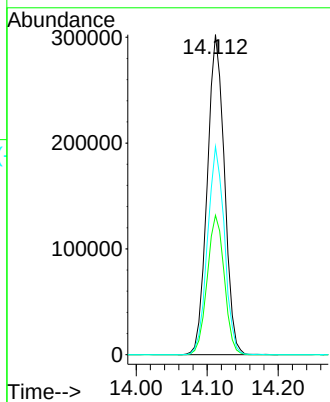
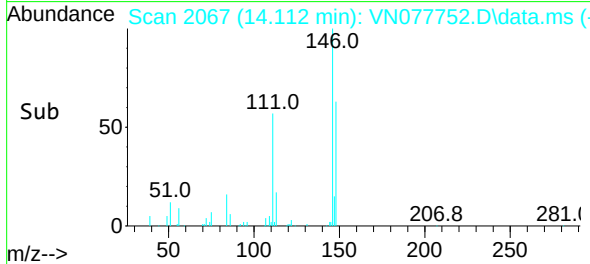
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



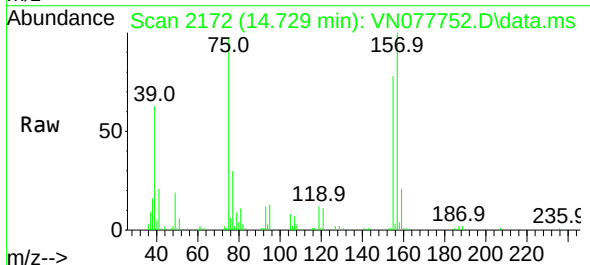
Tgt Ion:146 Resp: 508894
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 64.0 31.8 95.3

Manual Integrations
APPROVED

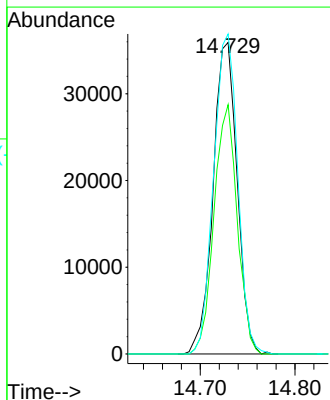
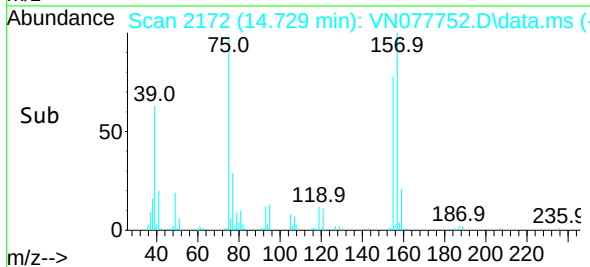
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

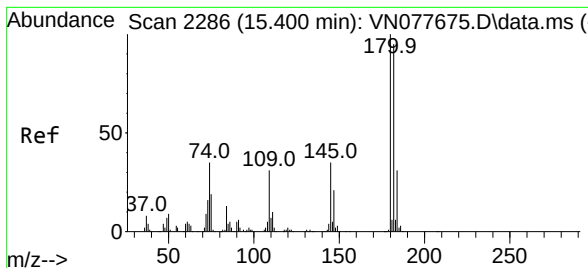


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.826 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077752.D
Acq: 19 May 2023 09:58



Tgt Ion: 75 Resp: 63471
Ion Ratio Lower Upper
75 100
155 77.2 39.1 117.2
157 102.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.597 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077752.D

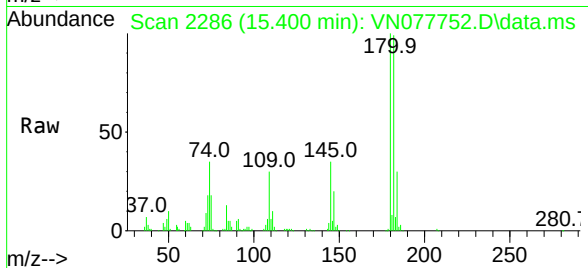
Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 255454

Ion Ratio Lower Upper

180 100

182 96.0 46.1 138.2

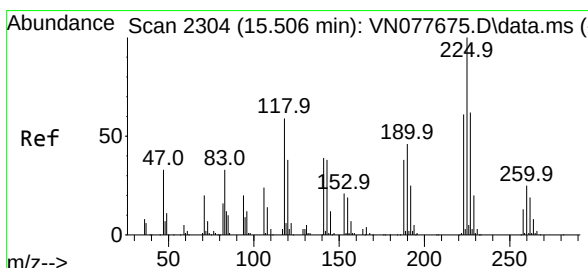
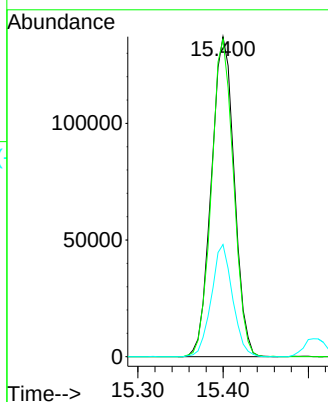
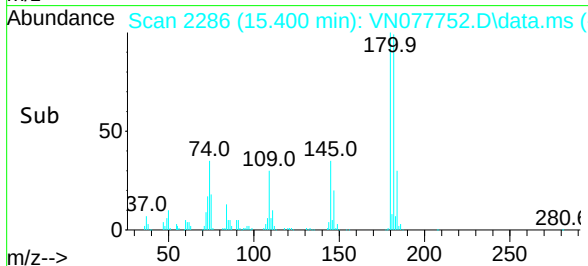
145 32.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#94

Hexachlorobutadiene

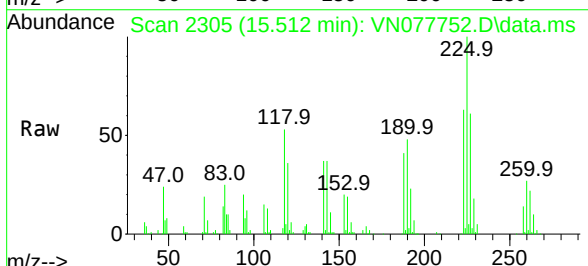
Concen: 52.123 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58



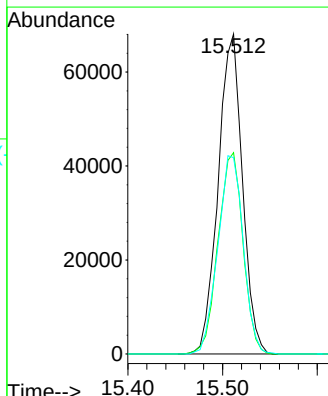
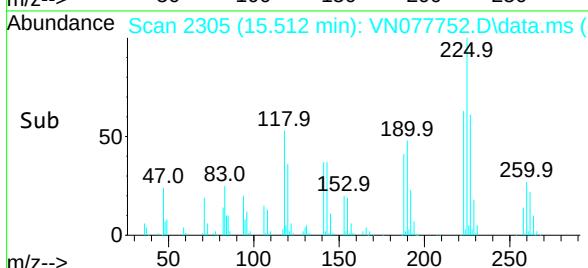
Tgt Ion:225 Resp: 121245

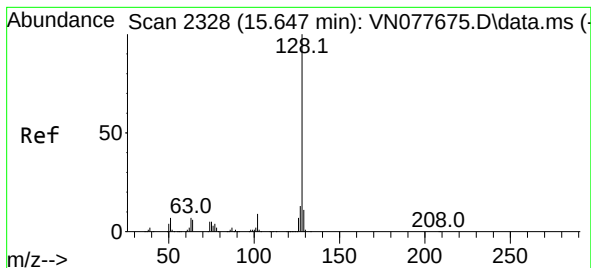
Ion Ratio Lower Upper

225 100

223 64.5 31.3 93.8

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 39.308 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 758010

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

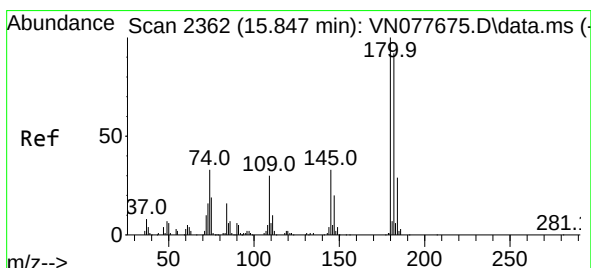
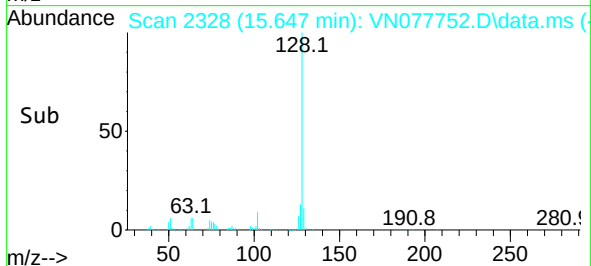
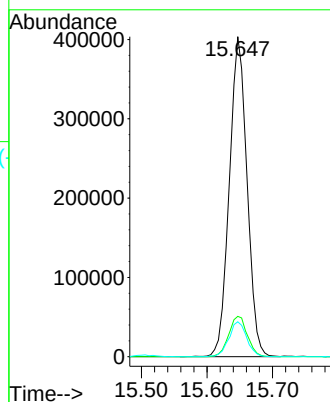
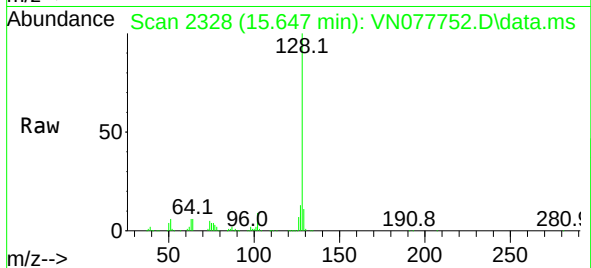
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 45.806 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077752.D

Acq: 19 May 2023 09:58

Tgt Ion:180 Resp: 251264

Ion Ratio Lower Upper

180 100

182 96.3 46.2 138.6

145 34.9 17.5 52.6

