

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078297.D
 Acq On : 20 Jun 2023 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 05:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	438788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	774466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	677141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	305873	52.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.560%			
35) Dibromofluoromethane	8.171	113	258865	52.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.720%			
50) Toluene-d8	10.571	98	970273	51.397	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.800%			
62) 4-Bromofluorobenzene	12.853	95	309866	52.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	200306	40.384	ug/l	96
3) Chloromethane	2.371	50	216544	46.270	ug/l	99
4) Vinyl Chloride	2.524	62	307940	47.412	ug/l	99
5) Bromomethane	2.953	94	244288	49.769	ug/l	98
6) Chloroethane	3.124	64	225874	51.015	ug/l	97
7) Trichlorofluoromethane	3.506	101	406841	46.192	ug/l	99
8) Diethyl Ether	3.971	74	142928	46.184	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	222689	47.908	ug/l	98
10) Methyl Iodide	4.594	142	306220	46.584	ug/l	94
11) Tert butyl alcohol	5.536	59	179769	222.537	ug/l	100
12) 1,1-Dichloroethene	4.347	96	212198	44.286	ug/l	85
13) Acrolein	4.189	56	243876	273.920	ug/l	94
14) Allyl chloride	5.036	41	291406	49.821	ug/l	94
15) Acrylonitrile	5.724	53	534991	256.876	ug/l	99
16) Acetone	4.436	43	437956	260.076	ug/l	95
17) Carbon Disulfide	4.718	76	506767	41.090	ug/l	97
18) Methyl Acetate	5.036	43	391055	50.440	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	772404	50.524	ug/l	96
20) Methylene Chloride	5.283	84	260469	46.807	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	239868	46.414	ug/l	87
22) Diisopropyl ether	6.683	45	744028	54.078	ug/l	97
23) Vinyl Acetate	6.612	43	2110459	258.047	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	466424	51.390	ug/l	98
25) 2-Butanone	7.488	43	681514	263.177	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	406182	60.610	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	291817	47.338	ug/l	91
28) Bromochloromethane	7.824	49	224029	53.760	ug/l	89
29) Tetrahydrofuran	7.847	42	435290	251.447	ug/l #	84
30) Chloroform	7.971	83	509685	52.151	ug/l	95
31) Cyclohexane	8.265	56	323319	43.082	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	447284	52.129	ug/l	98
36) 1,1-Dichloropropene	8.377	75	356226	50.716	ug/l	97
37) Ethyl Acetate	7.565	43	283832	51.727	ug/l	93
38) Carbon Tetrachloride	8.365	117	382809	51.615	ug/l	99
39) Methylcyclohexane	9.606	83	284587	39.096	ug/l	90
40) Benzene	8.612	78	1062033	50.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	156688	52.683	ug/l	92
42) 1,2-Dichloroethane	8.677	62	381965	53.126	ug/l	97
43) Isopropyl Acetate	8.694	43	524331	49.966	ug/l #	93
44) Trichloroethene	9.359	130	269787	48.717	ug/l	99
45) 1,2-Dichloropropane	9.629	63	280991	53.858	ug/l	96
46) Dibromomethane	9.712	93	197451	51.382	ug/l	96
47) Bromodichloromethane	9.894	83	406074	56.888	ug/l	96
48) Methyl methacrylate	9.688	41	237034	53.825	ug/l	88
49) 1,4-Dioxane	9.700	88	84962	917.929	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	1494348	270.424	ug/l	93
52) Toluene	10.635	92	687254	51.909	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	426874	57.422	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	454627	55.323	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	276634	55.234	ug/l	96
56) Ethyl methacrylate	10.876	69	388765	53.310	ug/l	91
57) 1,3-Dichloropropane	11.171	76	462663	54.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	817536	277.509	ug/l	91
59) 2-Hexanone	11.200	43	1050617	273.053	ug/l	91
60) Dibromochloromethane	11.365	129	305695	55.779	ug/l	99
61) 1,2-Dibromoethane	11.476	107	274478	52.223	ug/l	97
64) Tetrachloroethene	11.106	164	204546	45.279	ug/l	99
65) Chlorobenzene	11.894	112	728781	50.256	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	284791	53.396	ug/l	98
67) Ethyl Benzene	11.970	91	1264656	50.542	ug/l	100
68) m/p-Xylenes	12.076	106	961685	100.849	ug/l	97
69) o-Xylene	12.406	106	471387	50.338	ug/l	95
70) Styrene	12.417	104	780665	52.954	ug/l	98
71) Bromoform	12.582	173	194758	56.583	ug/l #	98
73) Isopropylbenzene	12.700	105	1136206	45.787	ug/l	99
74) N-amyl acetate	12.500	43	409298	50.087	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	382584	56.367	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	301639m	48.623	ug/l	
77) Bromobenzene	12.982	156	273831	47.536	ug/l	98
78) n-propylbenzene	13.041	91	1273658	47.241	ug/l	100
79) 2-Chlorotoluene	13.129	91	813952	46.770	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	924759	46.029	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	117336	58.110	ug/l	93
82) 4-Chlorotoluene	13.223	91	784292	48.287	ug/l	98
83) tert-Butylbenzene	13.441	119	761667	43.613	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	928923	47.690	ug/l	99
85) sec-Butylbenzene	13.617	105	946867	41.424	ug/l	99
86) p-Isopropyltoluene	13.735	119	772152	41.627	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	461138	47.326	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	451743	48.046	ug/l	99
89) n-Butylbenzene	14.059	91	609836	41.682	ug/l	98
90) Hexachloroethane	14.341	117	145043	44.061	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	458680	48.166	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61787	50.268	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	141661	41.751	ug/l	97
94) Hexachlorobutadiene	15.506	225	66946	39.700	ug/l	94
95) Naphthalene	15.647	128	474983	41.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	153569	40.468	ug/l	97

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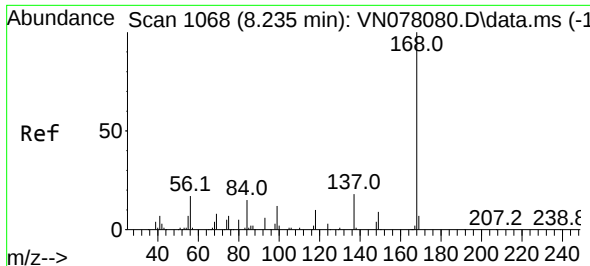
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APPROVED

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



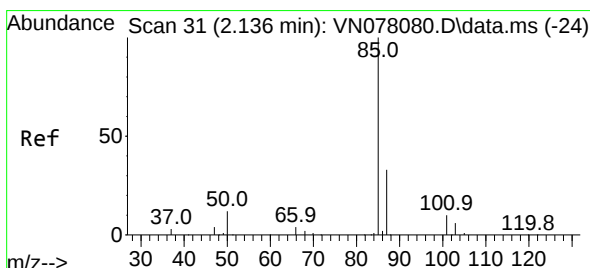
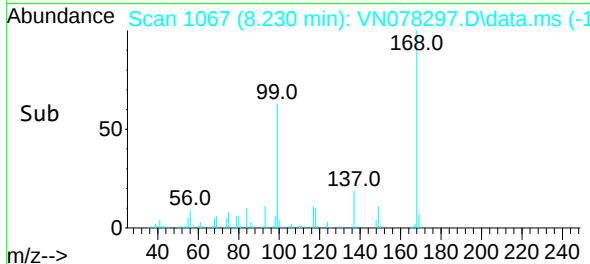
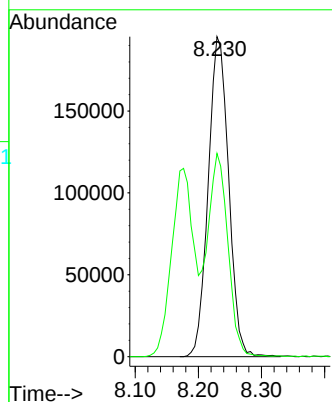
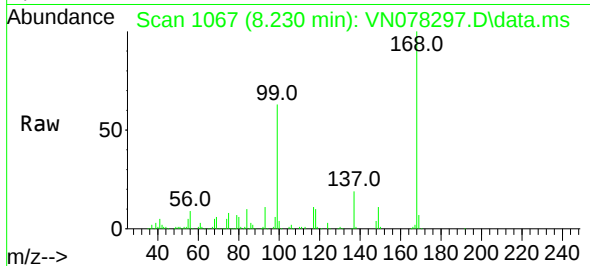
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078297.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 438788
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6

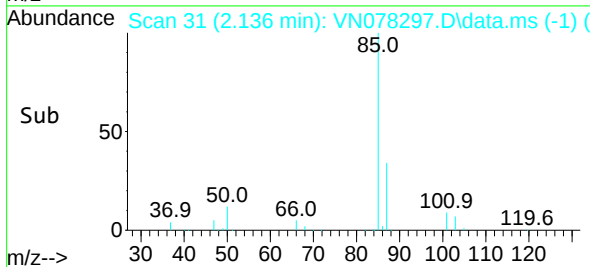
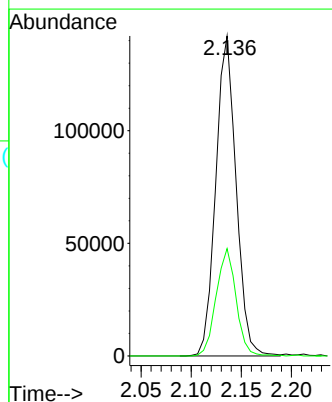
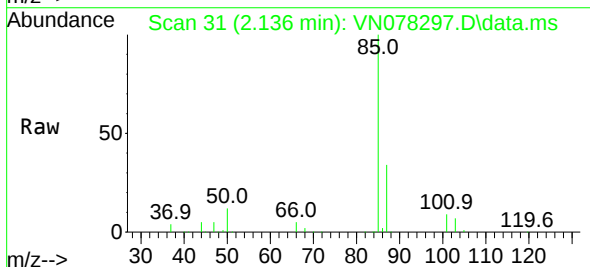
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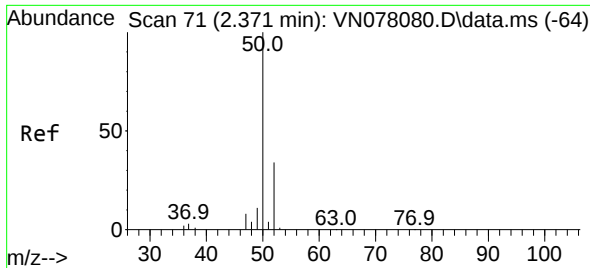
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 40.384 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

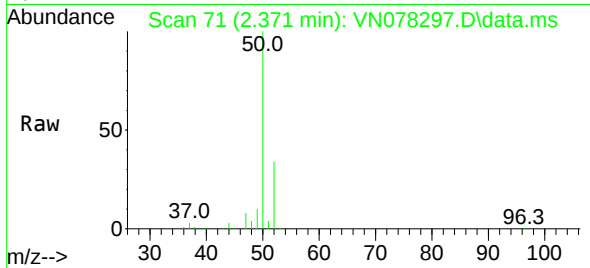
Tgt Ion: 85 Resp: 200306
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





#3
Chloromethane
Concen: 46.270 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

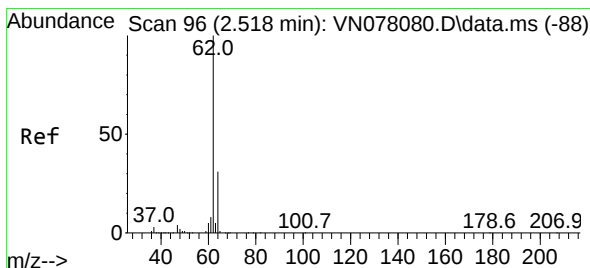
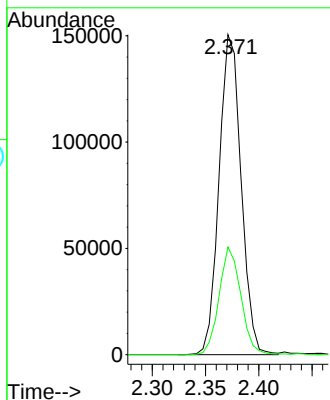
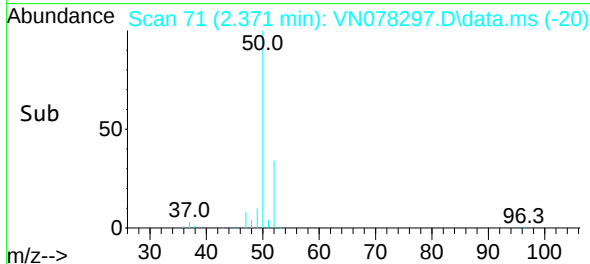
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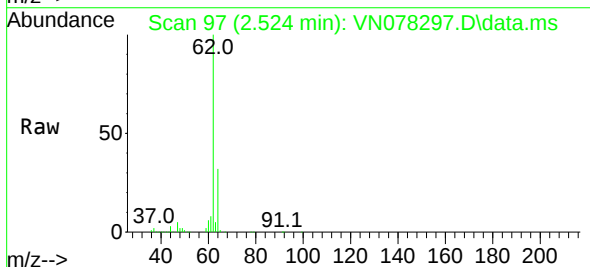
Tgt Ion: 50 Resp: 216544
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

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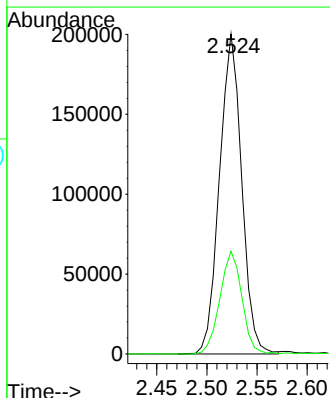
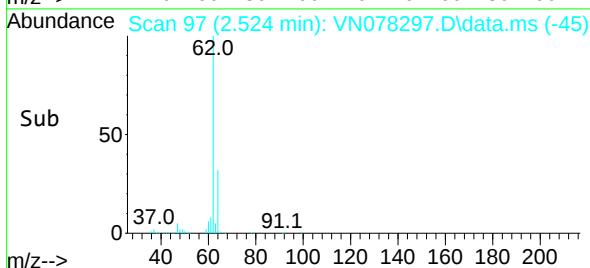
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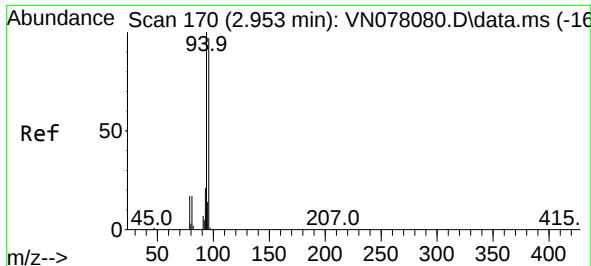


#4
Vinyl Chloride
Concen: 47.412 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



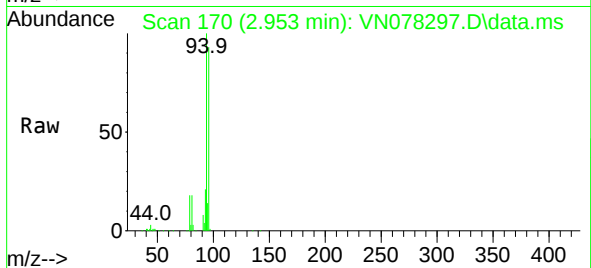
Tgt Ion: 62 Resp: 307940
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





#5
Bromomethane
Concen: 49.769 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

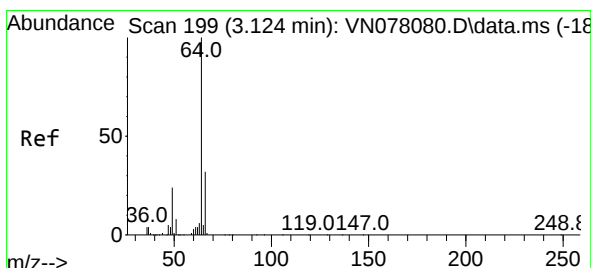
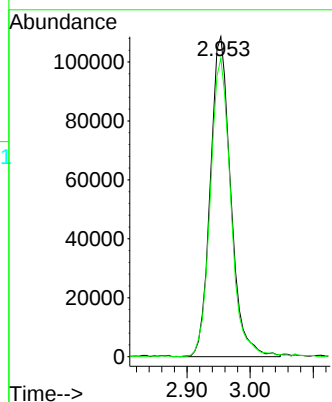
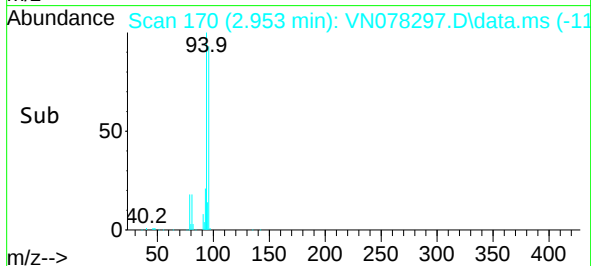
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Tgt Ion: 94 Resp: 244288
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7

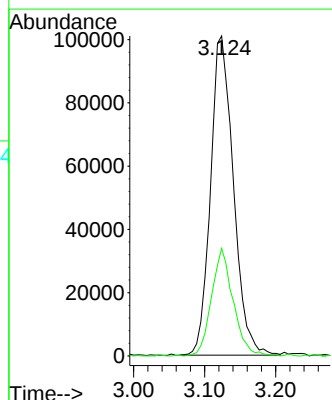
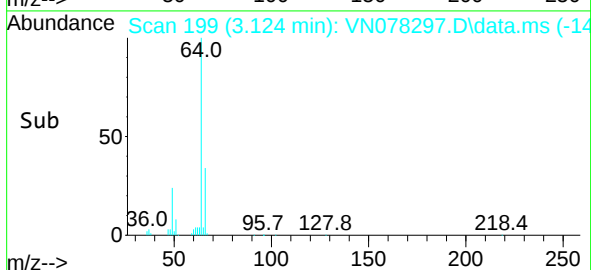
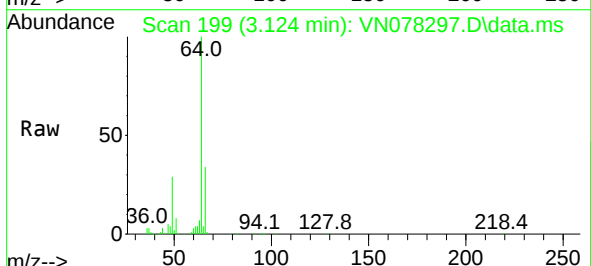
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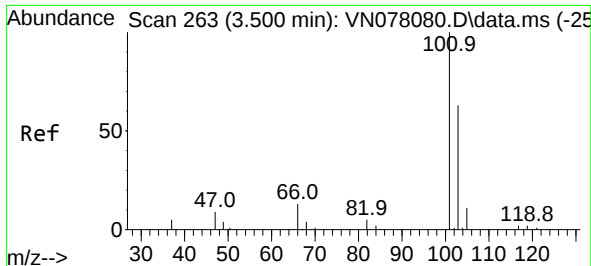
Reviewed By :John Carlone 06/21/2023
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#6
Chloroethane
Concen: 51.015 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078297.D
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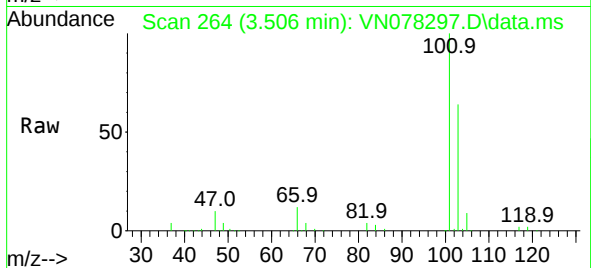
Tgt Ion: 64 Resp: 225874
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 46.192 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078297.D
 Acq: 20 Jun 2023 09:52

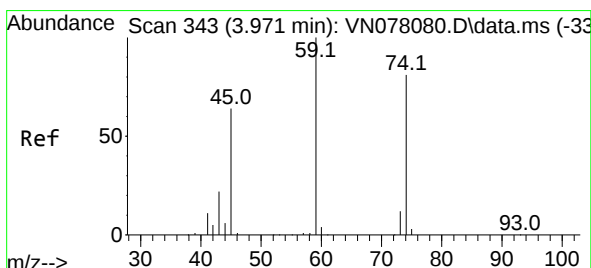
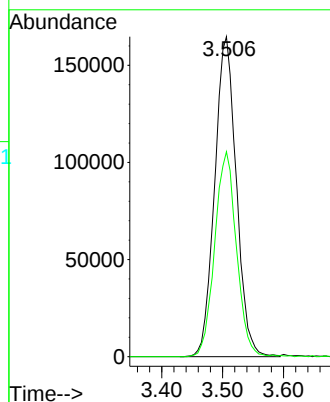
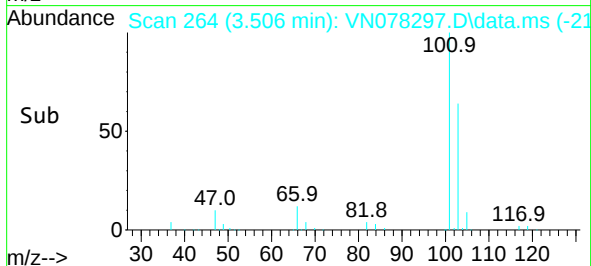
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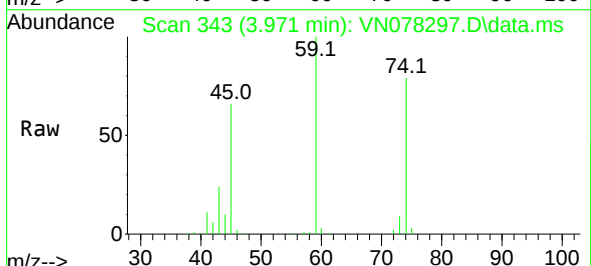
Tgt Ion:101 Resp: 40684
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

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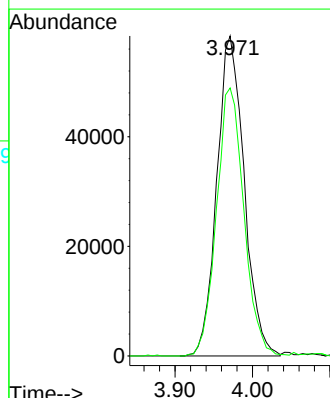
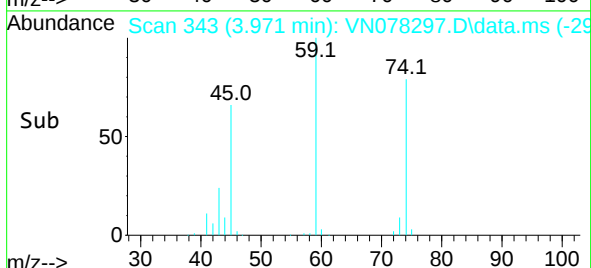
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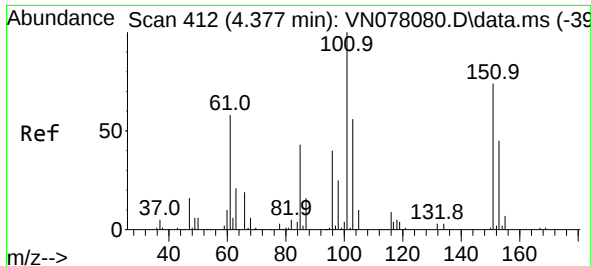


#8
 Diethyl Ether
 Concen: 46.184 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078297.D
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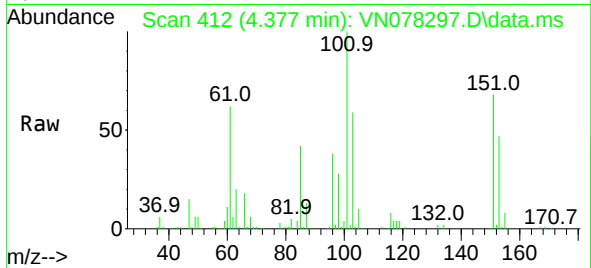
Tgt Ion: 74 Resp: 142928
 Ion Ratio Lower Upper
 74 100
 45 84.1 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.908 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

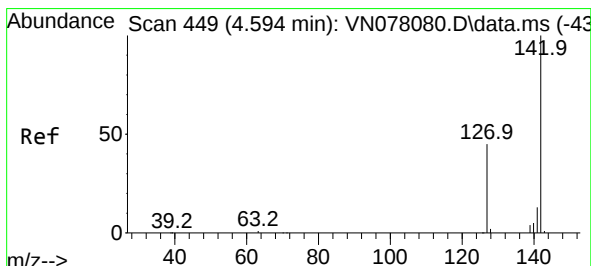
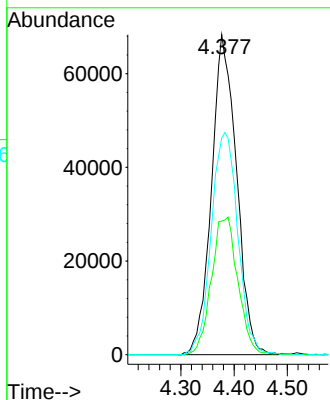
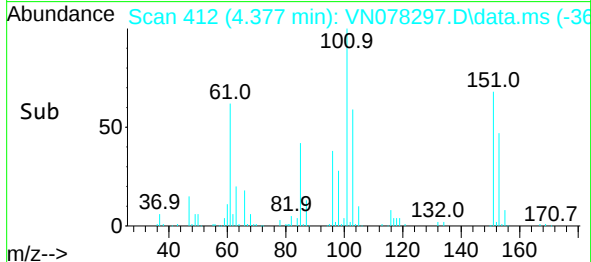
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



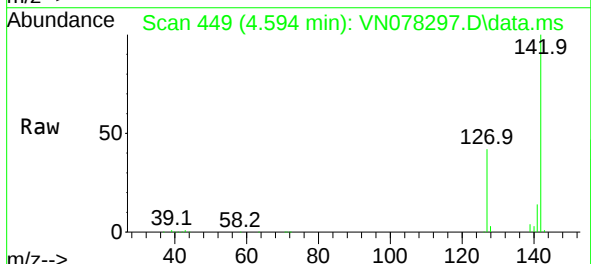
Tgt Ion:101 Resp: 222689
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 74.0 57.6 86.4

Manual Integrations
APPROVED

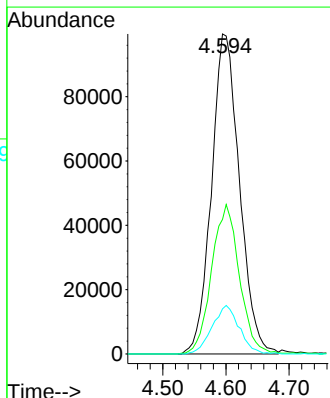
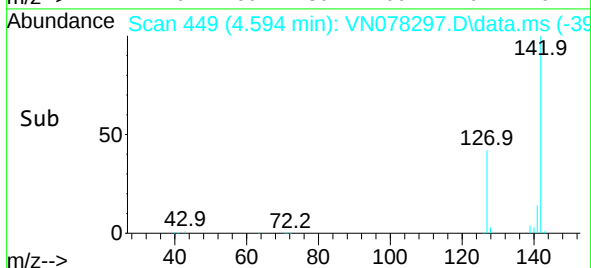
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

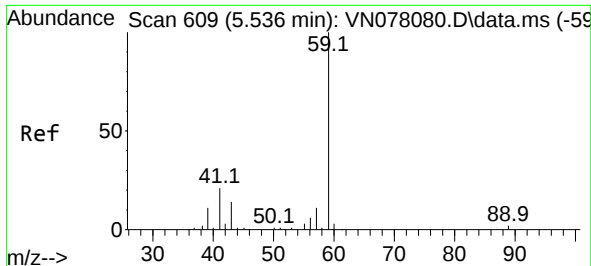


#10
Methyl Iodide
Concen: 46.584 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



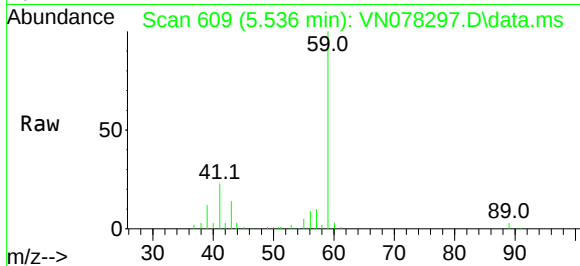
Tgt Ion:142 Resp: 306220
Ion Ratio Lower Upper
142 100
127 42.1 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 222.537 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

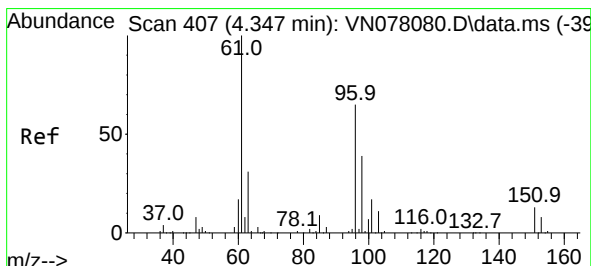
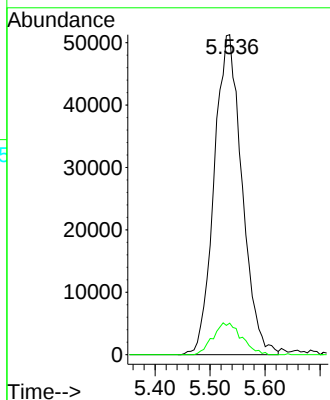
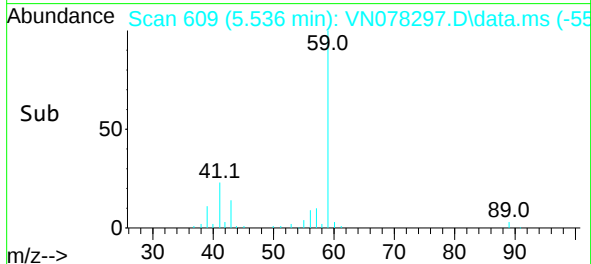
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



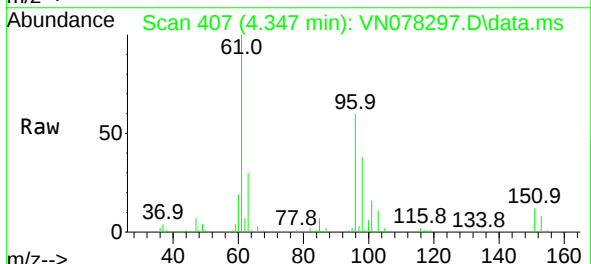
Tgt Ion: 59 Resp: 179769
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
APPROVED

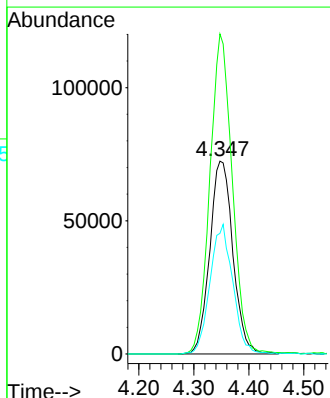
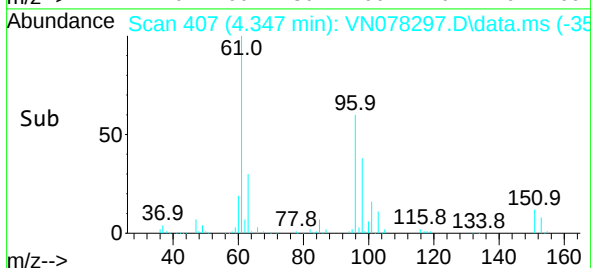
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#12
1,1-Dichloroethene
Concen: 44.286 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



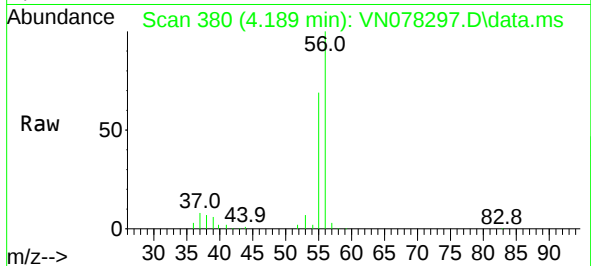
Tgt Ion: 96 Resp: 212198
Ion Ratio Lower Upper
96 100
61 165.9 112.7 169.1
98 62.6 51.2 76.8





#13
Acrolein
Concen: 273.920 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

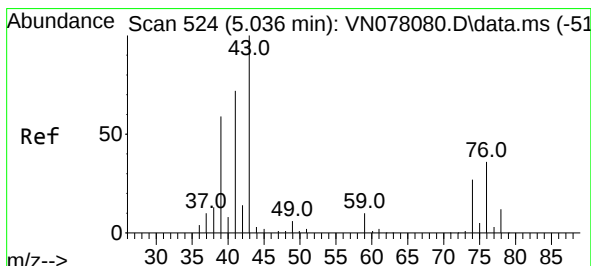
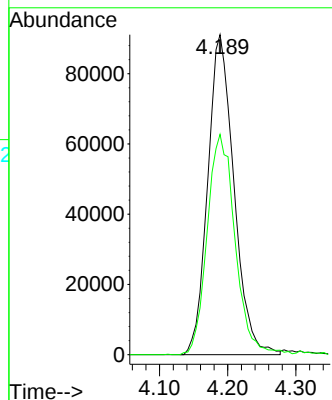
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 243870
Ion Ratio Lower Upper
56 100
55 73.1 54.5 81.7

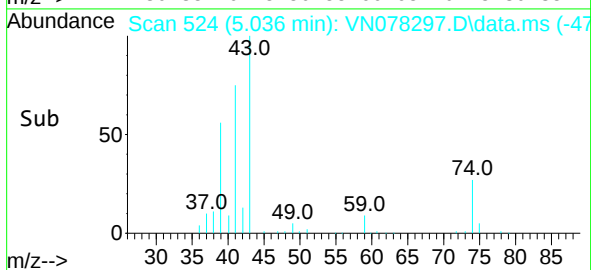
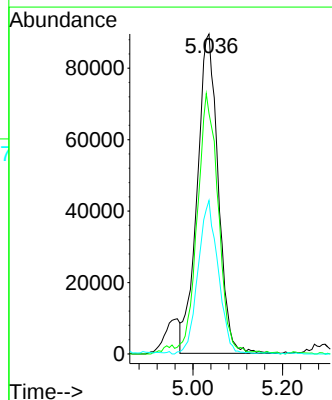
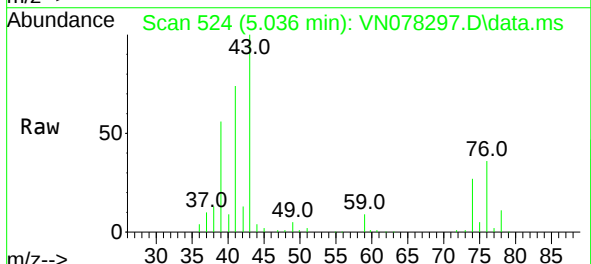
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#14
Allyl chloride
Concen: 49.821 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

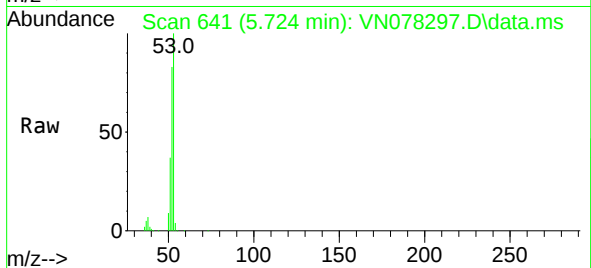
Tgt Ion: 41 Resp: 291406
Ion Ratio Lower Upper
41 100
39 79.7 58.8 88.2
76 45.9 39.1 58.7





#15
Acrylonitrile
Concen: 256.876 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

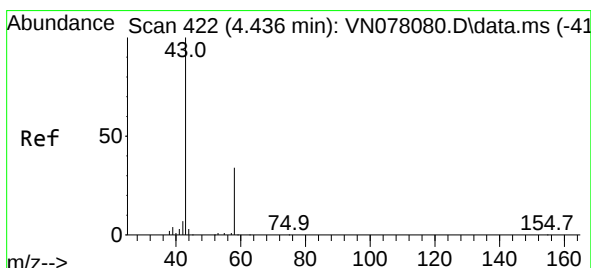
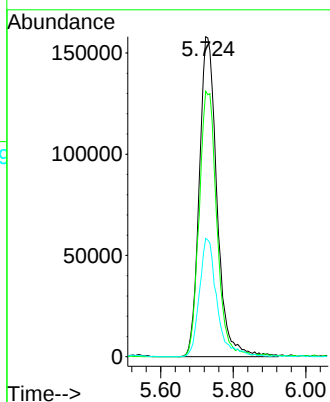
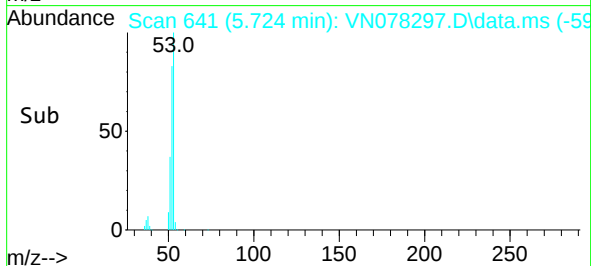
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 53499
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.8 28.9 43.3

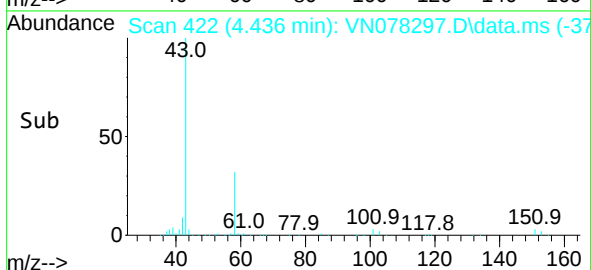
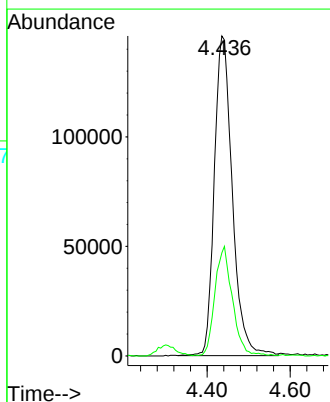
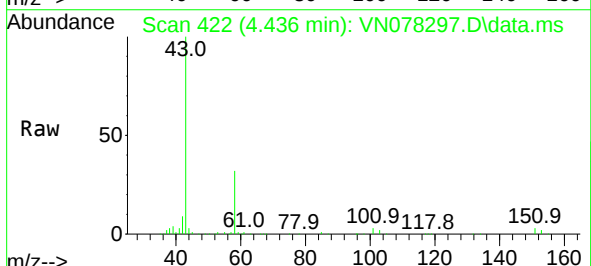
Manual Integrations
APPROVED

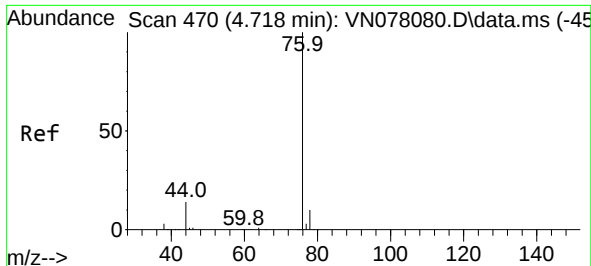
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 260.076 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

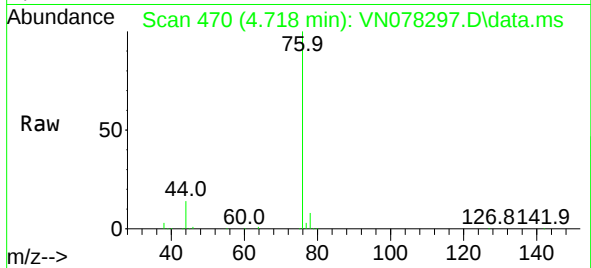
Tgt Ion: 43 Resp: 437956
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0





#17
Carbon Disulfide
Concen: 41.090 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

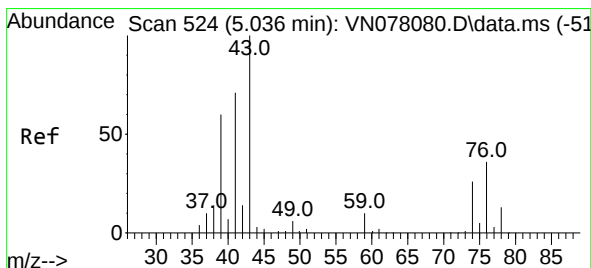
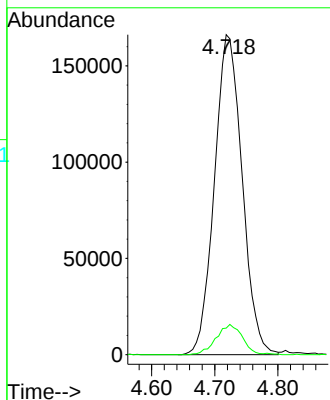
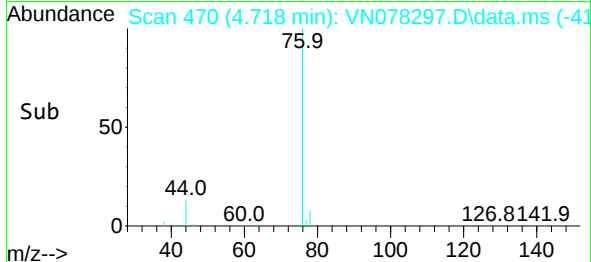
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



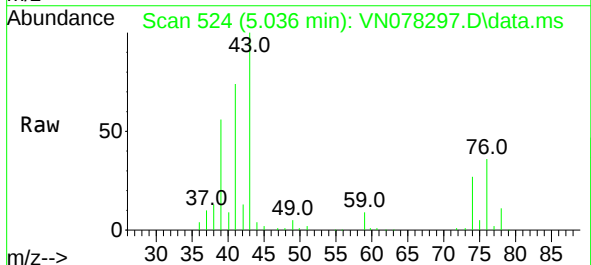
Tgt Ion: 76 Resp: 50676
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

Manual Integrations
APPROVED

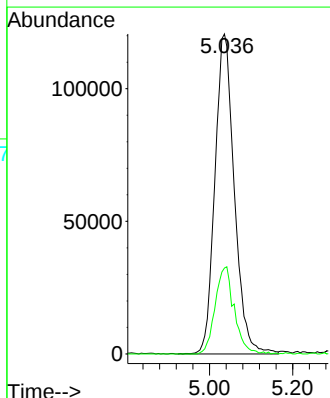
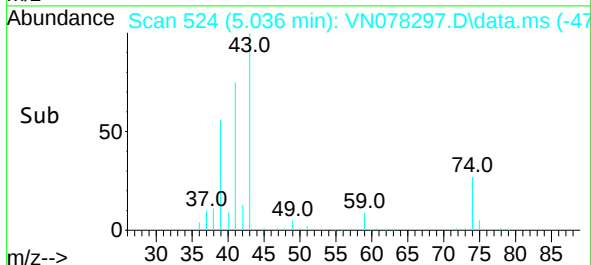
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

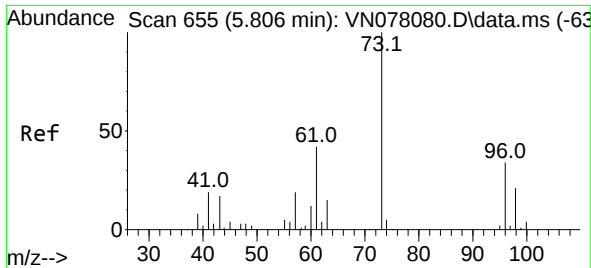


#18
Methyl Acetate
Concen: 50.440 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



Tgt Ion: 43 Resp: 391055
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 50.524 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

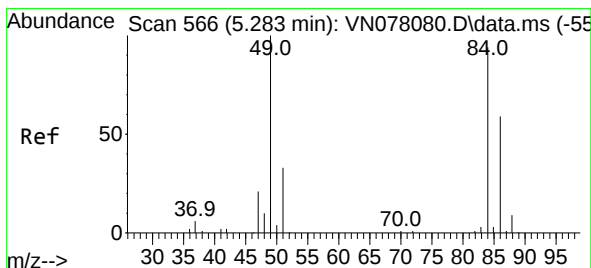
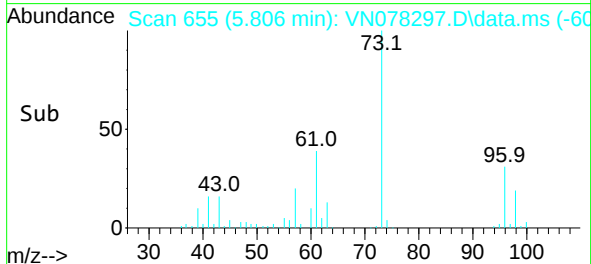
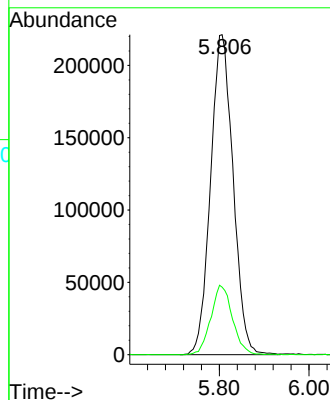
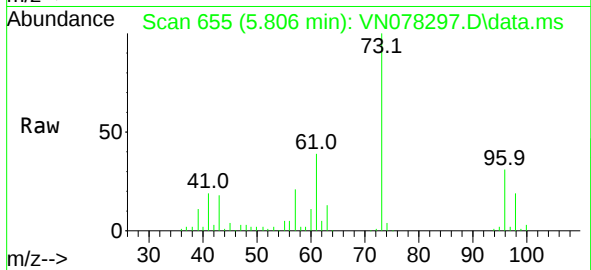
VSTDCCC050

Tgt Ion: 73 Resp: 772404
Ion Ratio Lower Upper
73 100
57 21.1 15.6 23.4

Manual Integrations

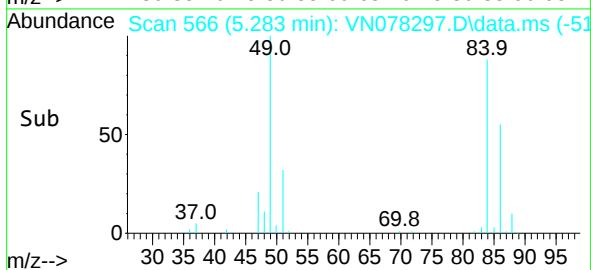
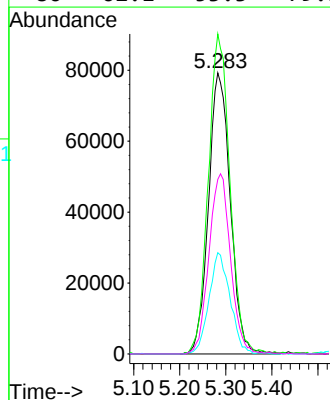
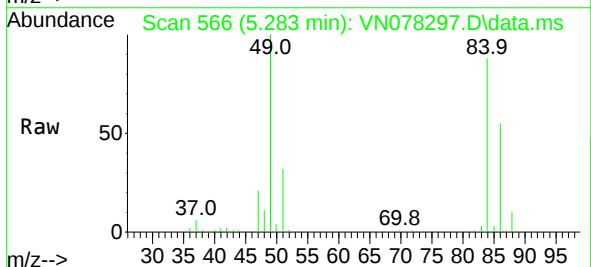
APPROVED

Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 46.807 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

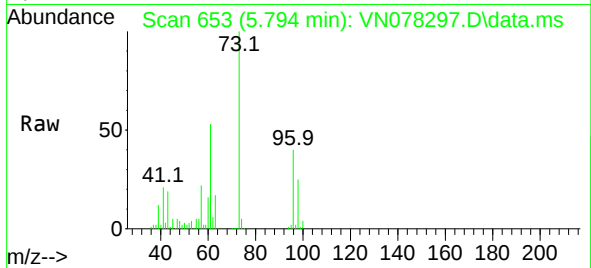
Tgt Ion: 84 Resp: 260469
Ion Ratio Lower Upper
84 100
49 113.8 79.7 119.5
51 36.0 25.2 37.8
86 62.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.414 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

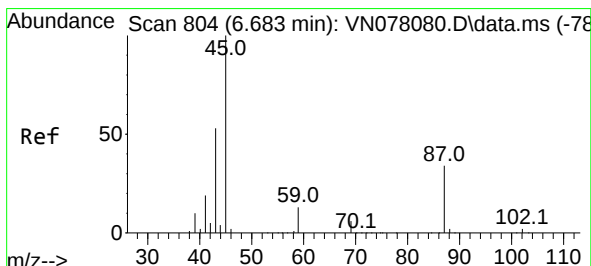
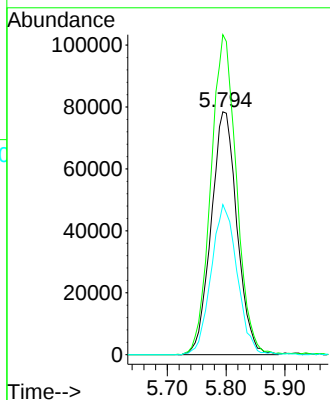
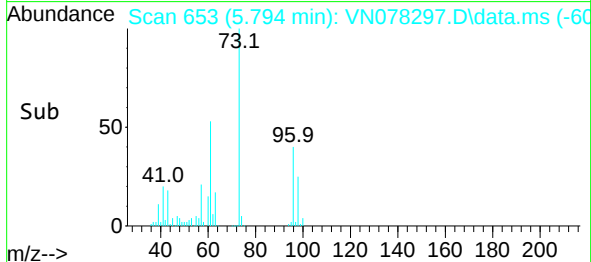
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



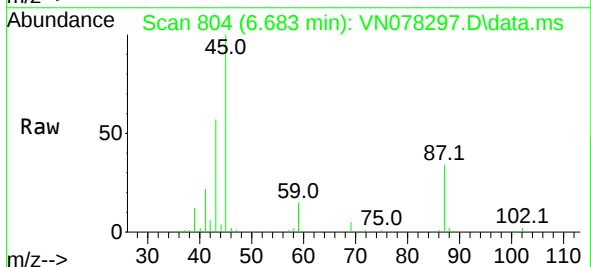
Tgt Ion: 96 Resp: 239868
Ion Ratio Lower Upper
96 100
61 131.6 90.1 135.1
98 61.8 46.4 69.6

Manual Integrations
APPROVED

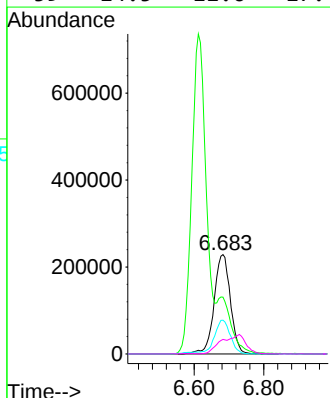
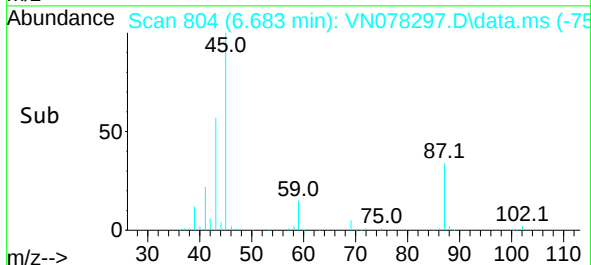
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 54.078 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



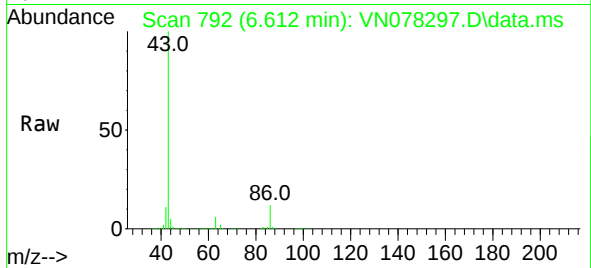
Tgt Ion: 45 Resp: 744028
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 34.0 31.8 47.8
59 14.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 258.047 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078297.D
 Acq: 20 Jun 2023 09:52

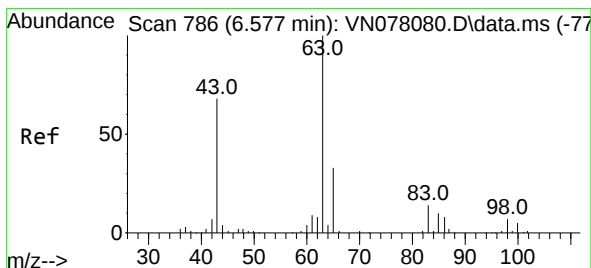
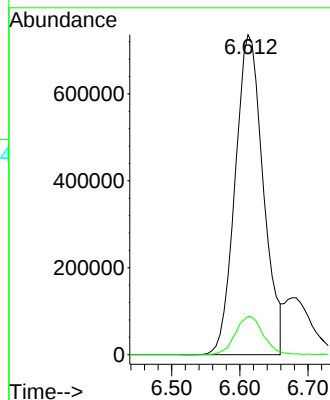
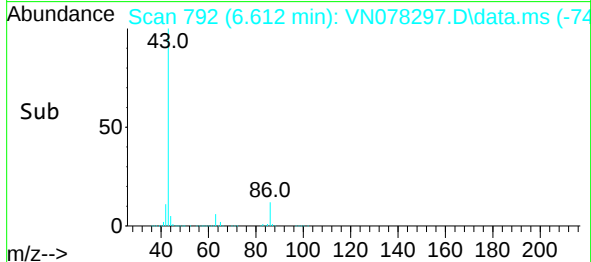
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



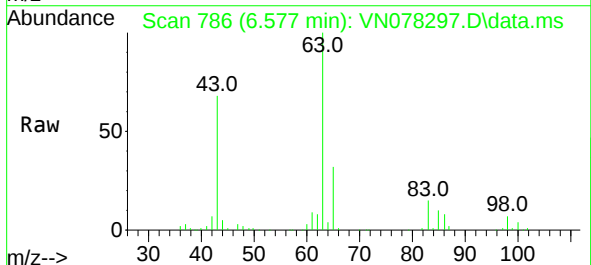
Tgt Ion: 43 Resp: 2110459
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
 APPROVED

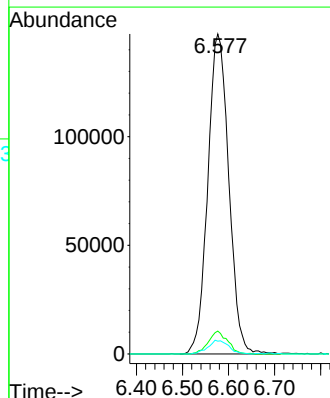
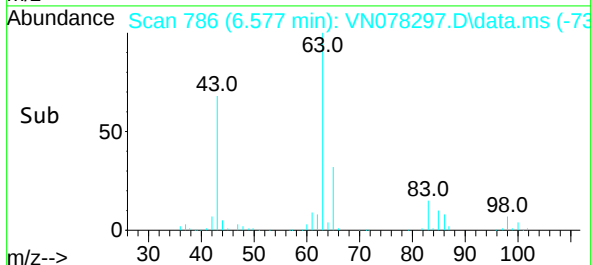
Reviewed By :John Carlone 06/21/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#24
 1,1-Dichloroethane
 Concen: 51.390 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078297.D
 Acq: 20 Jun 2023 09:52



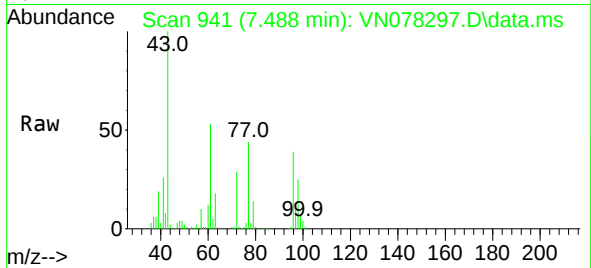
Tgt Ion: 63 Resp: 466424
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 263.177 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

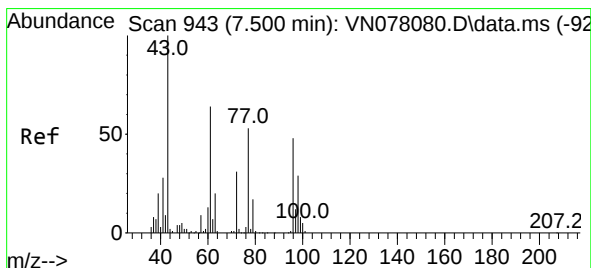
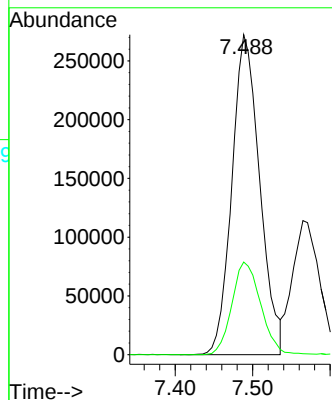
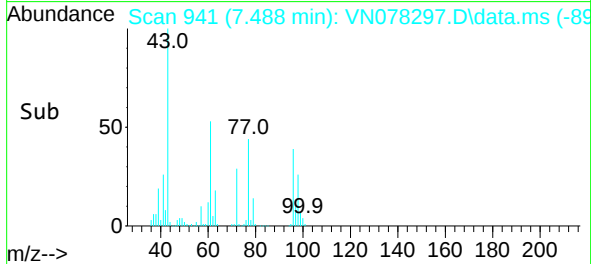
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 681514
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2

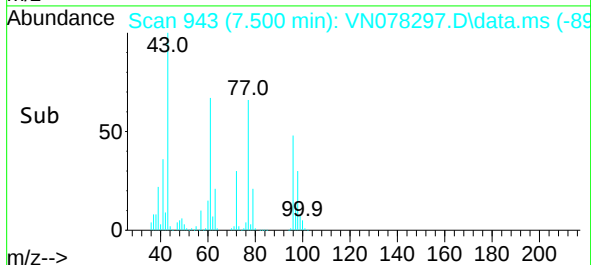
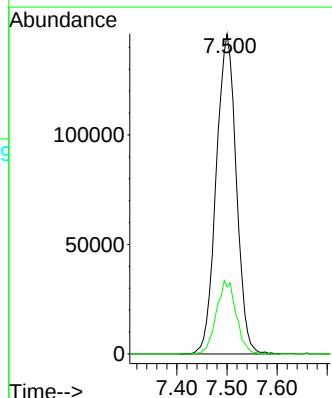
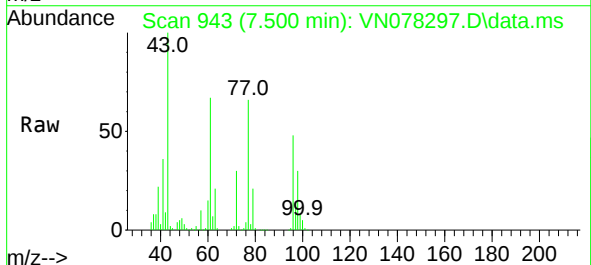
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 60.610 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

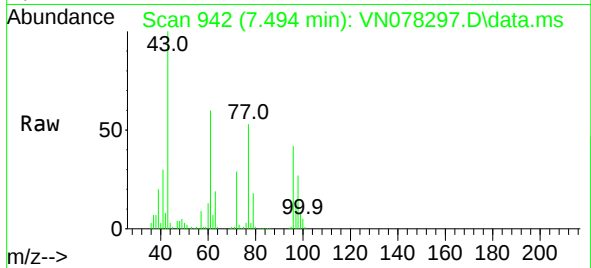
Tgt Ion: 77 Resp: 406182
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 47.338 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

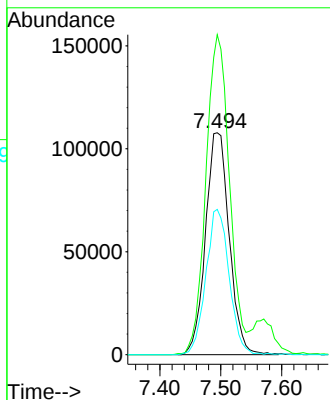
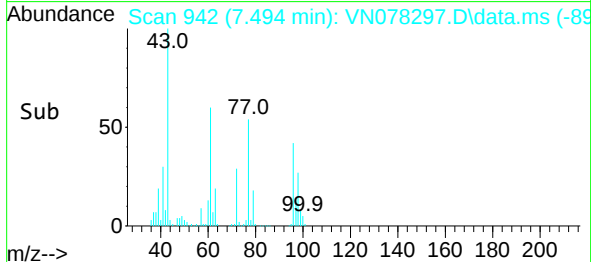
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



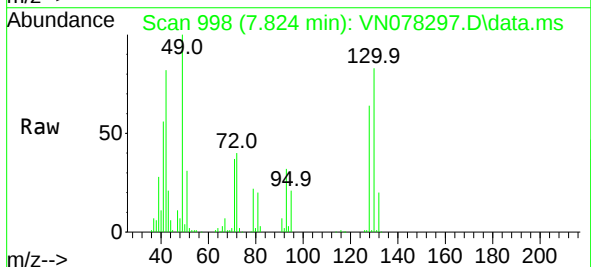
Tgt Ion: 96 Resp: 29181
Ion Ratio Lower Upper
96 100
61 142.5 0.0 255.2
98 64.4 0.0 128.8

Manual Integrations
APPROVED

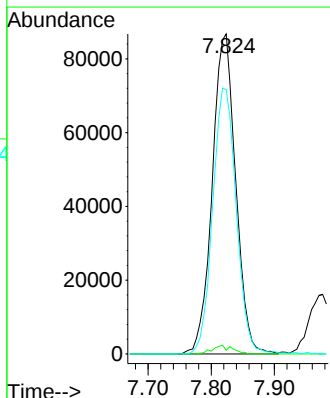
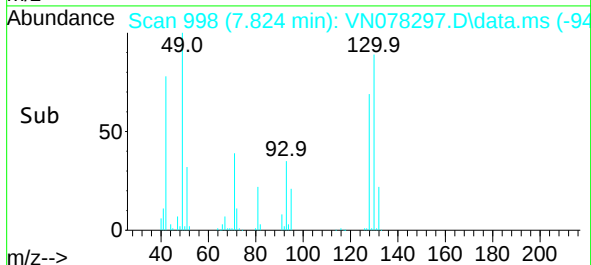
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

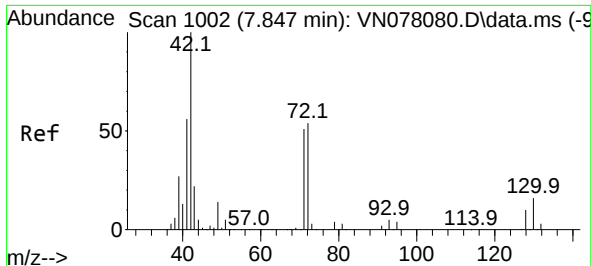


#28
Bromochloromethane
Concen: 53.760 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



Tgt Ion: 49 Resp: 224029
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 83.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 251.447 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 435290

Ion Ratio Lower Upper

42 100

72 50.0 49.8 74.6

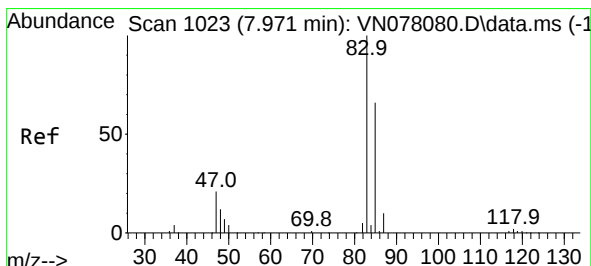
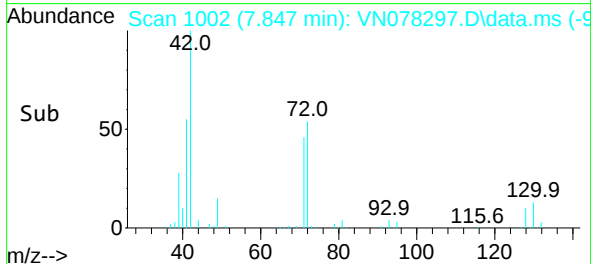
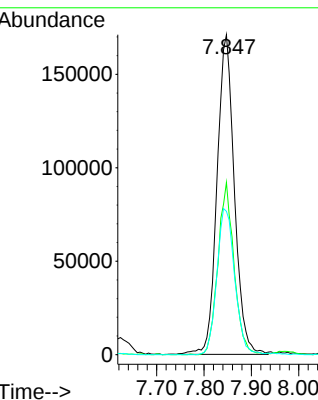
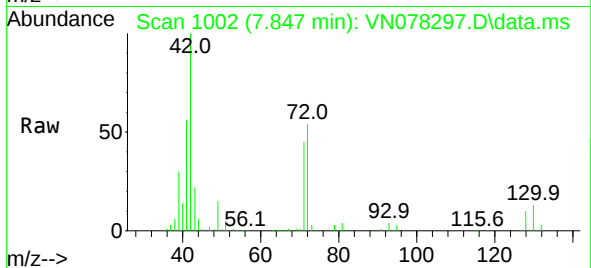
71 47.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 52.151 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078297.D

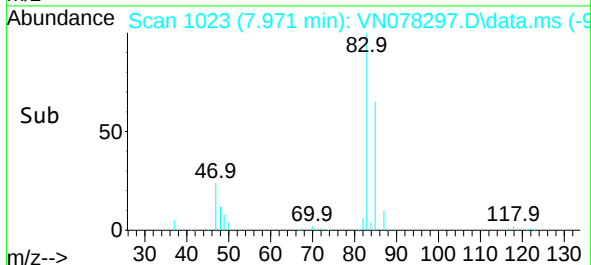
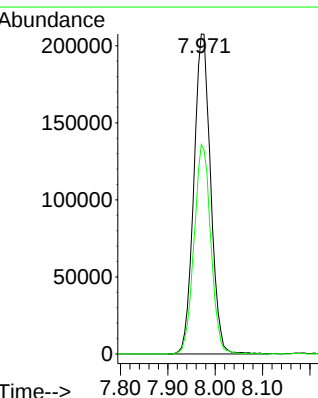
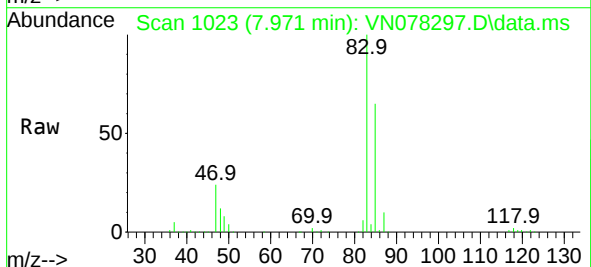
Acq: 20 Jun 2023 09:52

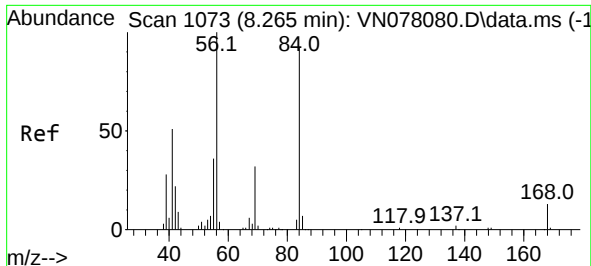
Tgt Ion: 83 Resp: 509685

Ion Ratio Lower Upper

83 100

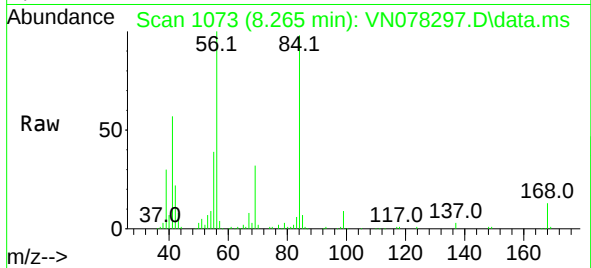
85 65.5 55.4 83.0





#31
Cyclohexane
Concen: 43.082 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

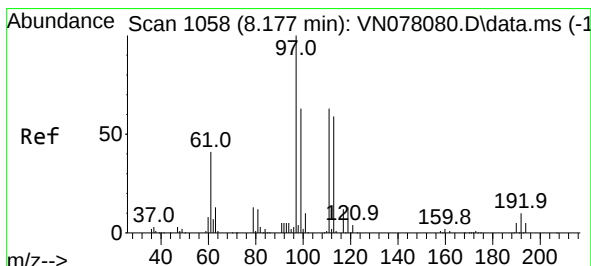
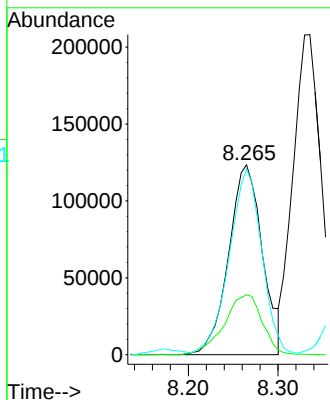
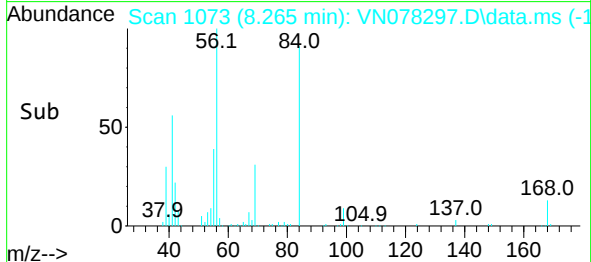
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



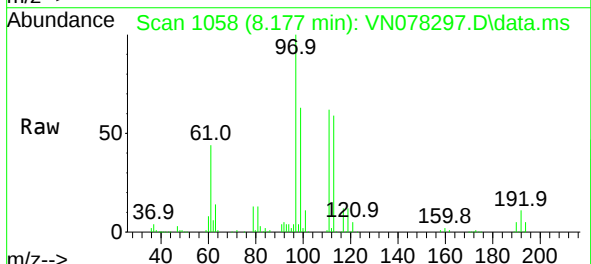
Tgt Ion: 56 Resp: 323319
Ion Ratio Lower Upper
56 100
69 31.3 26.8 40.2
84 95.8 81.8 122.6

Manual Integrations
APPROVED

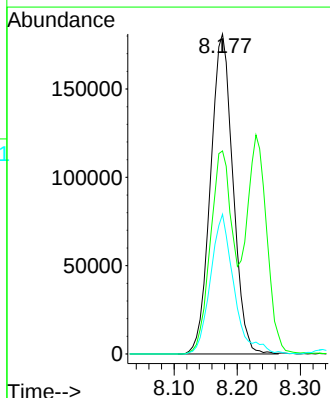
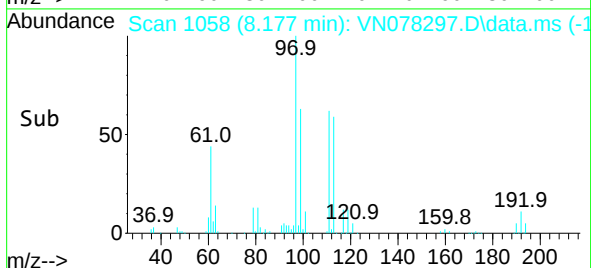
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

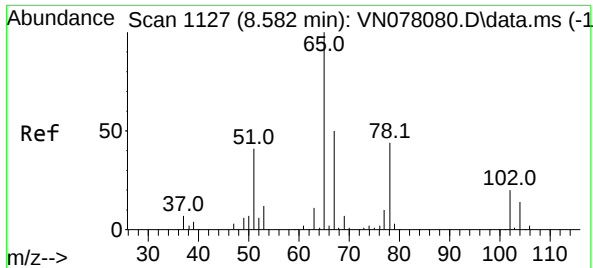


#32
1,1,1-Trichloroethane
Concen: 52.129 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



Tgt Ion: 97 Resp: 447284
Ion Ratio Lower Upper
97 100
99 62.1 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.283 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 30587

Ion Ratio Lower Upper

65 100

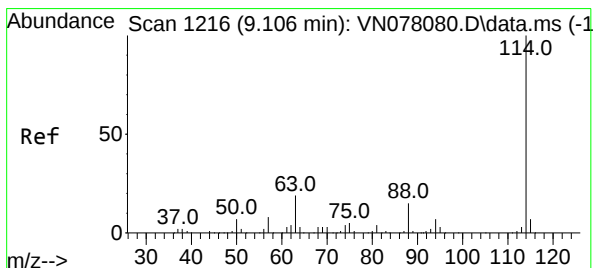
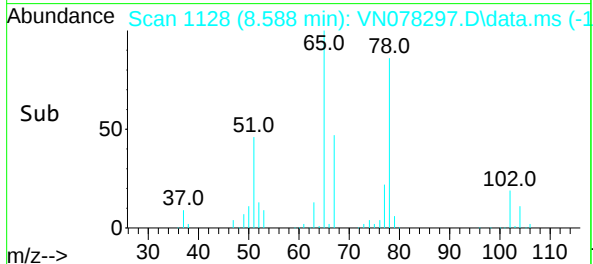
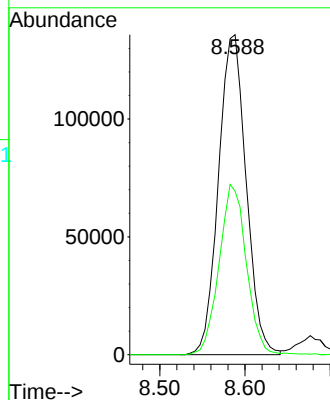
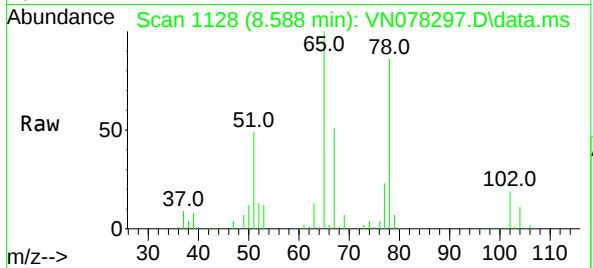
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

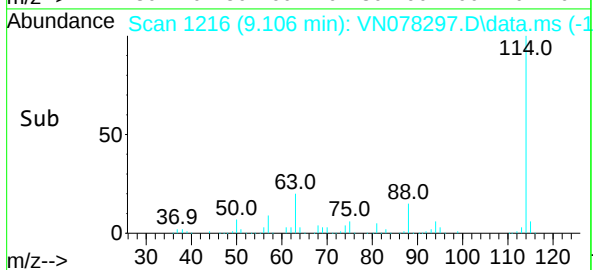
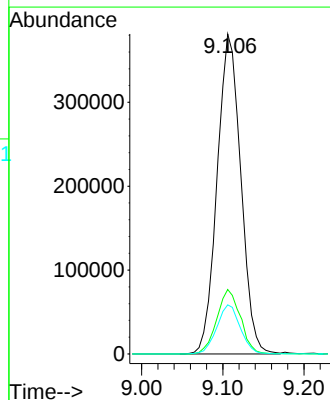
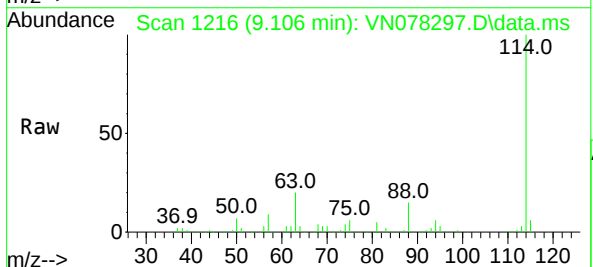
Tgt Ion:114 Resp: 774466

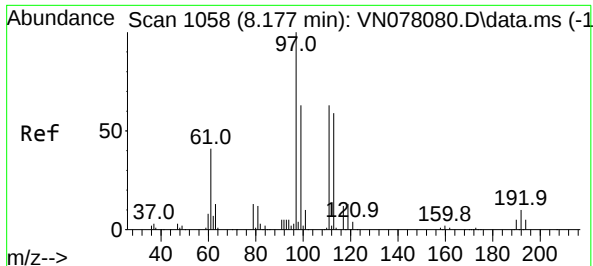
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

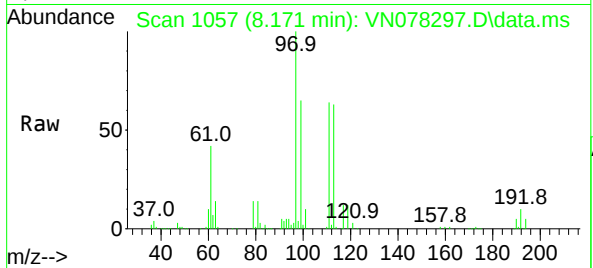
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.864 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

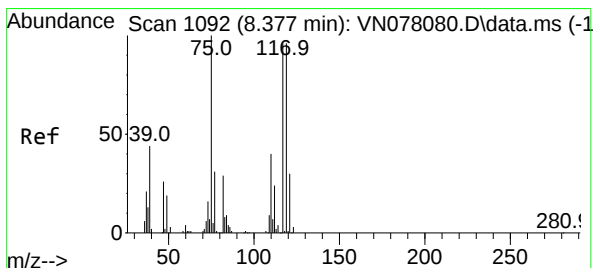
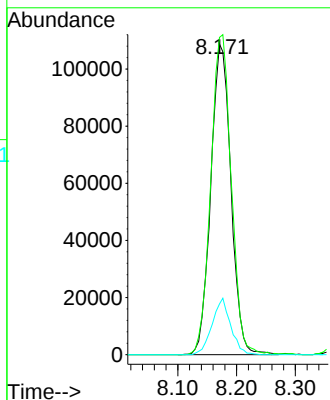
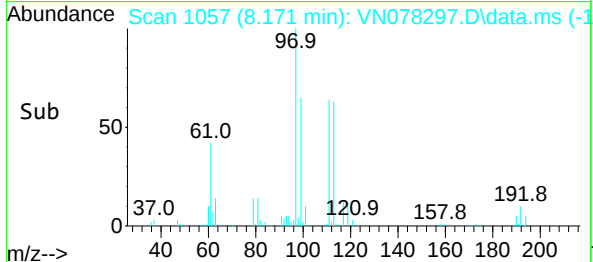
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



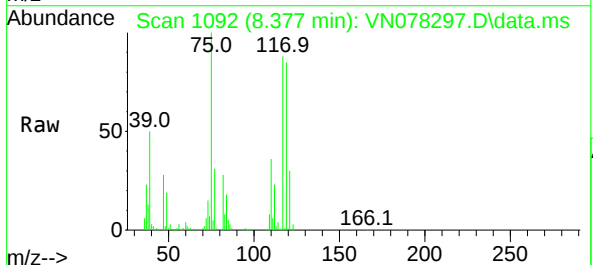
Tgt Ion: 113 Resp: 25886
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 16.8 12.7 19.1

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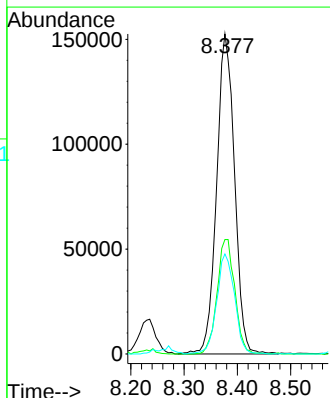
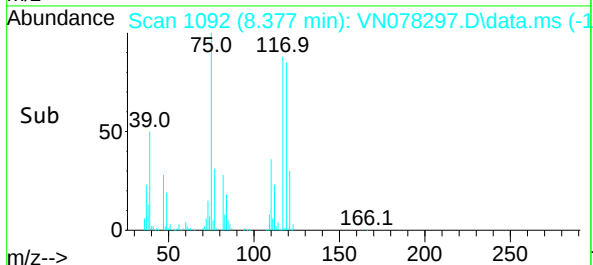
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

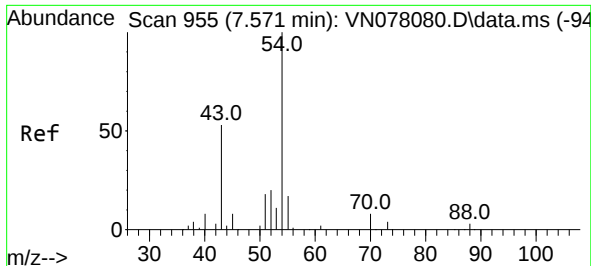


#36
1,1-Dichloropropene
Concen: 50.716 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



Tgt Ion: 75 Resp: 356226
Ion Ratio Lower Upper
75 100
110 35.4 19.1 57.3
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 51.727 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 28383

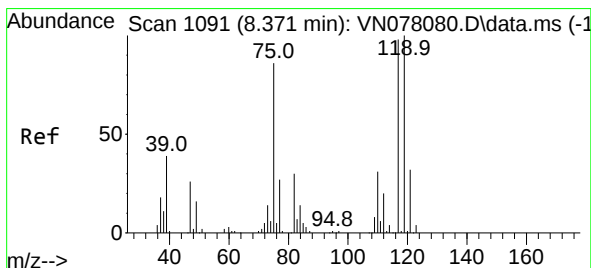
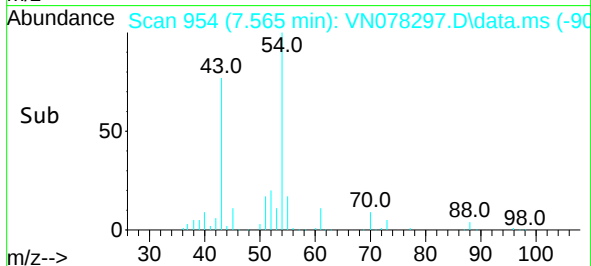
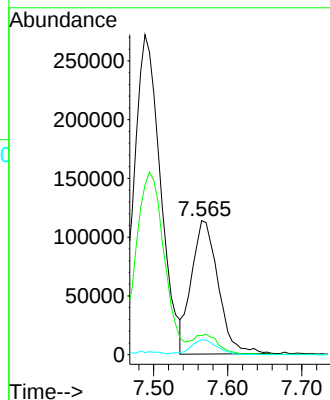
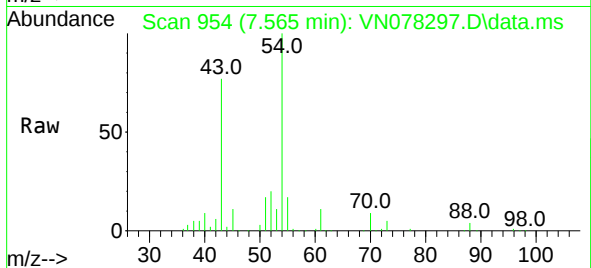
Ion	Ratio	Lower	Upper
43	100		
61	13.4	13.2	19.8
70	11.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#38

Carbon Tetrachloride

Concen: 51.615 ug/l

RT: 8.365 min Scan# 1090

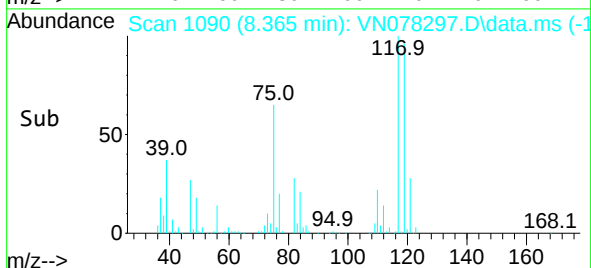
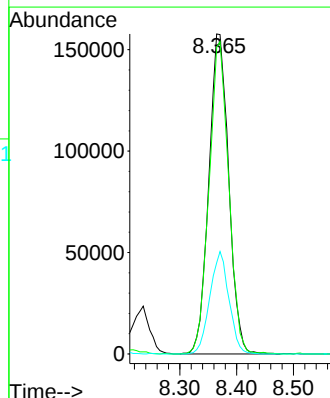
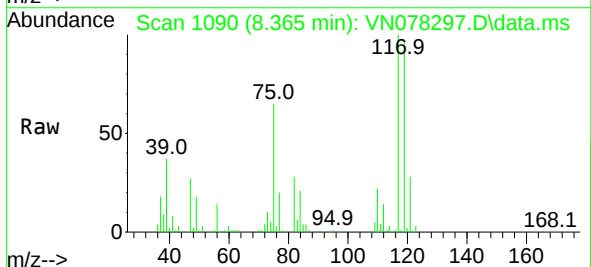
Delta R.T. -0.006 min

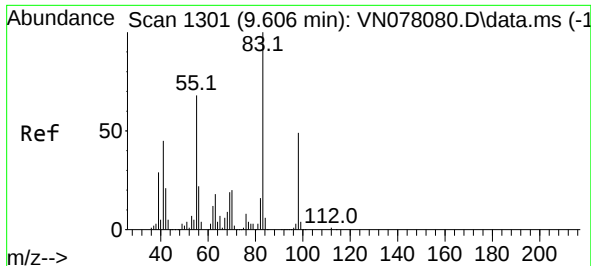
Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Tgt Ion:117 Resp: 382809

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
121	28.5	23.3	34.9





#39

Methylcyclohexane

Concen: 39.096 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 28458

Ion Ratio Lower Upper

83 100

55 70.8 49.1 73.7

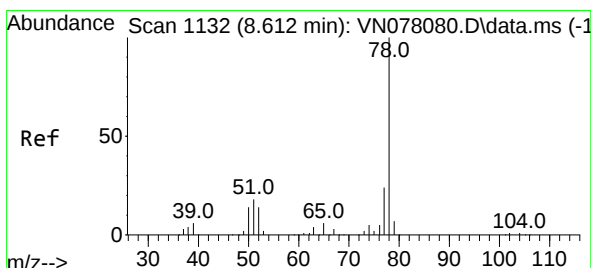
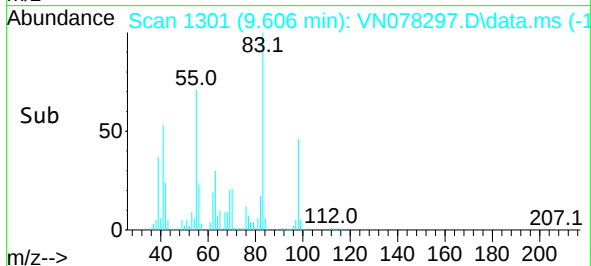
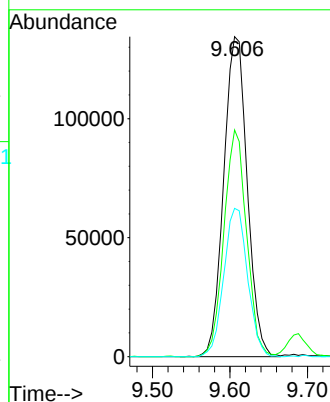
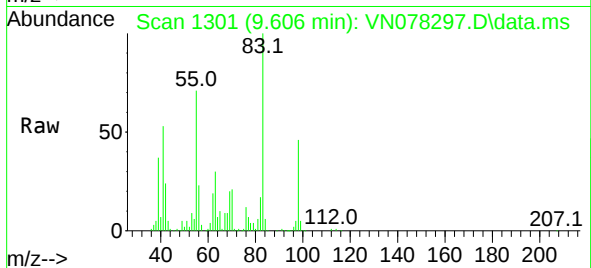
98 46.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 50.647 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078297.D

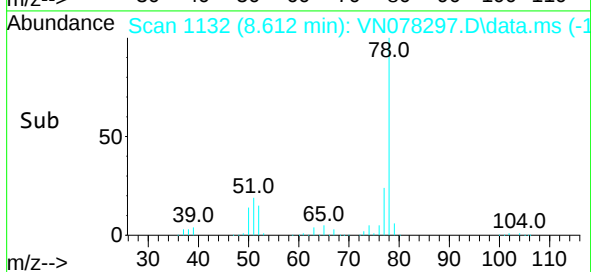
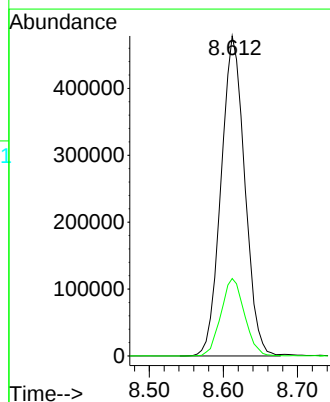
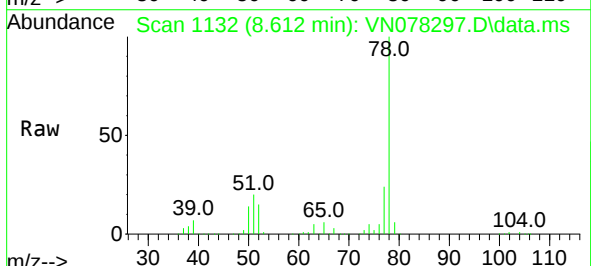
Acq: 20 Jun 2023 09:52

Tgt Ion: 78 Resp: 1062033

Ion Ratio Lower Upper

78 100

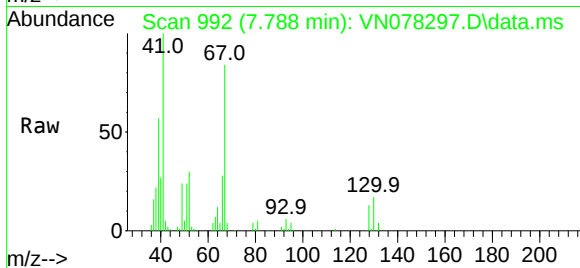
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 52.683 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

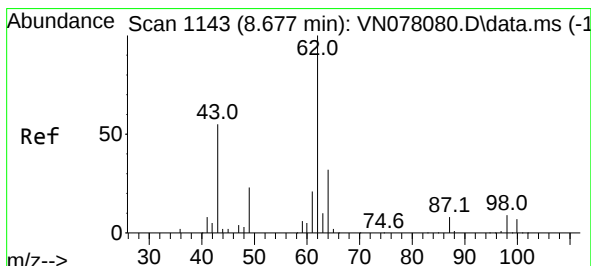
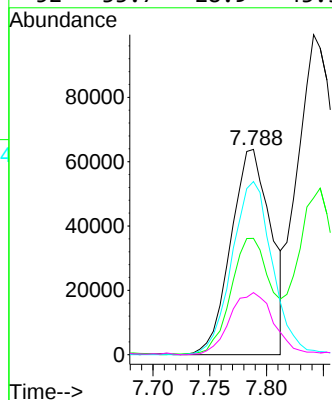
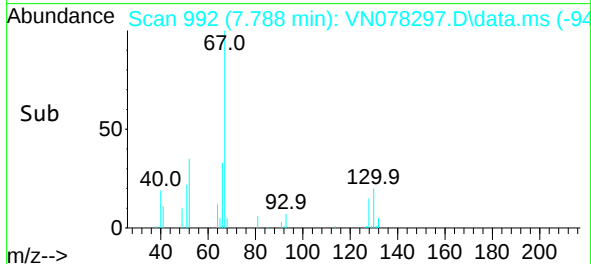
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 156688
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 85.5 77.5 116.3
52 33.7 28.9 43.3

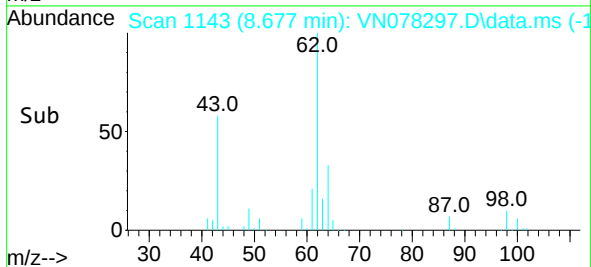
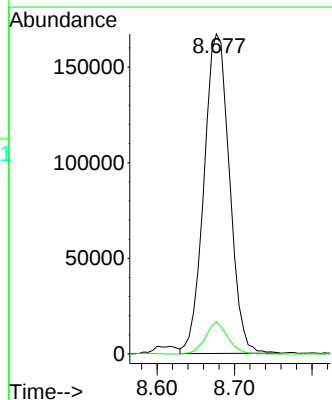
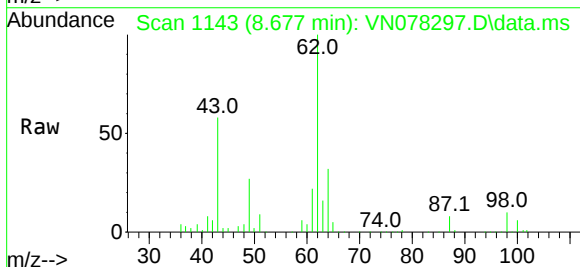
Manual Integrations
APPROVED

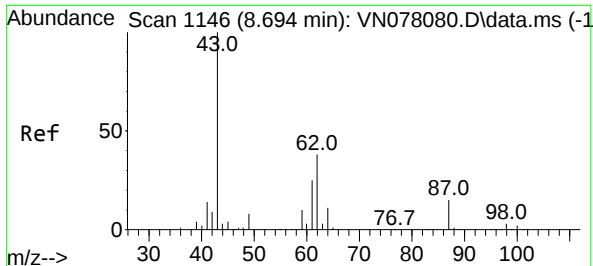
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 53.126 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

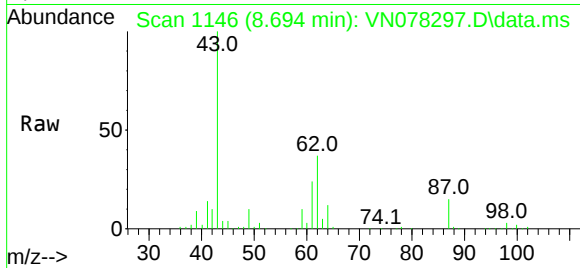
Tgt Ion: 62 Resp: 381965
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 49.966 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

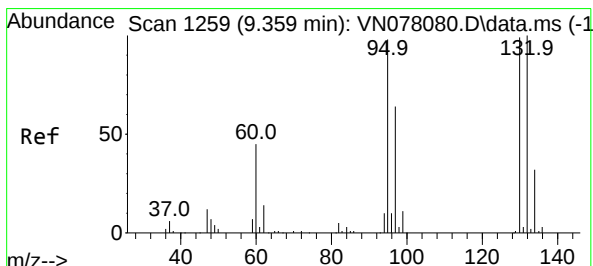
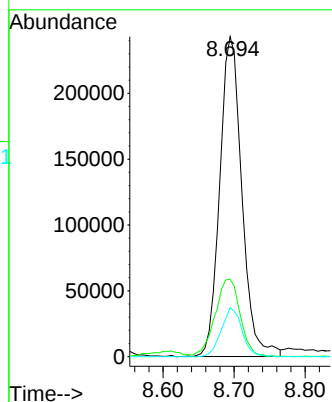
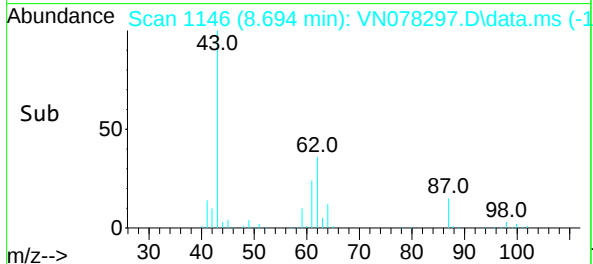
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



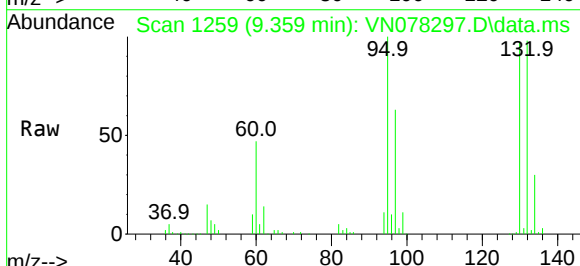
Tgt Ion: 43 Resp: 52433
Ion Ratio Lower Upper
43 100
61 27.5 24.7 37.1
87 14.3 14.6 21.8

Manual Integrations
APPROVED

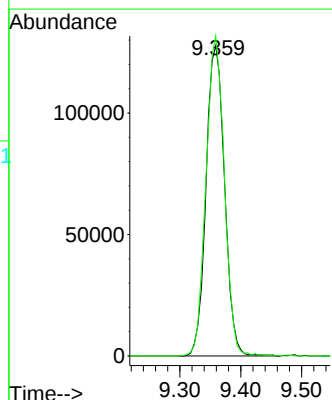
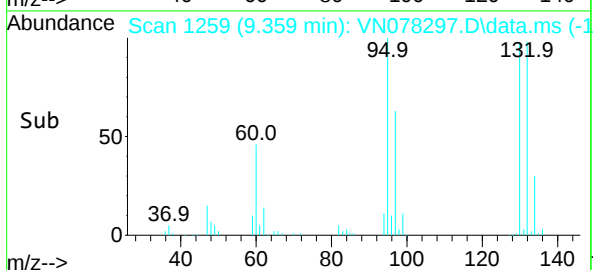
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#44
Trichloroethene
Concen: 48.717 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



Tgt Ion:130 Resp: 269787
Ion Ratio Lower Upper
130 100
95 103.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.858 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 28099

Ion Ratio Lower Upper

63 100

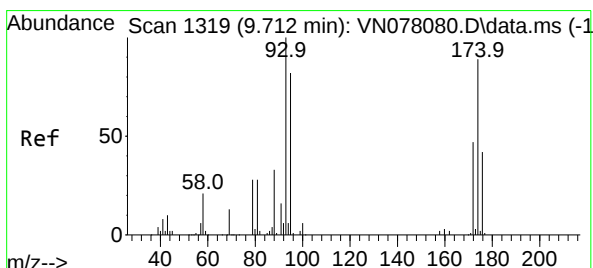
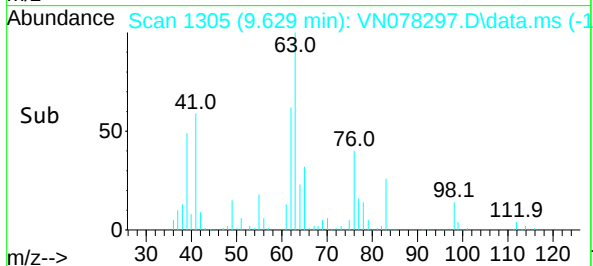
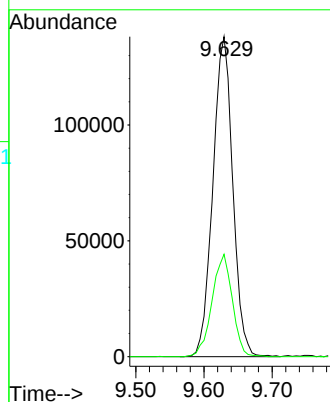
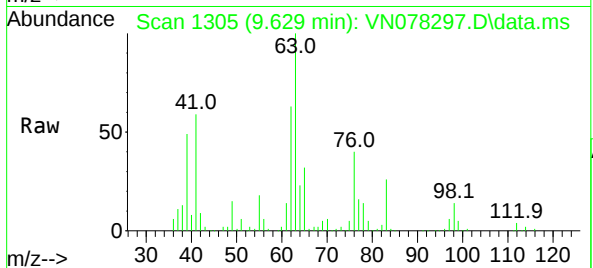
65 32.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 51.382 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

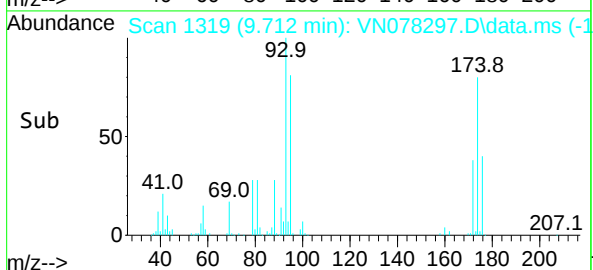
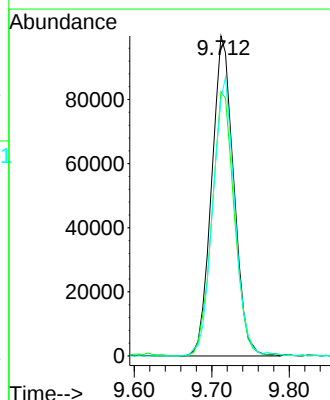
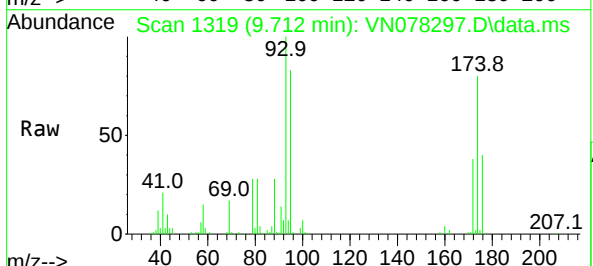
Tgt Ion: 93 Resp: 197451

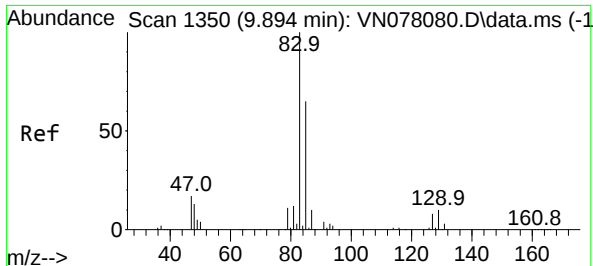
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

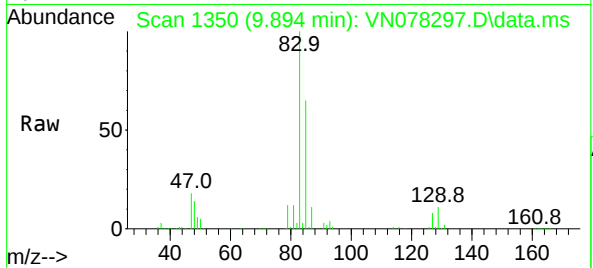
174 85.8 65.6 98.4





#47
Bromodichloromethane
Concen: 56.888 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

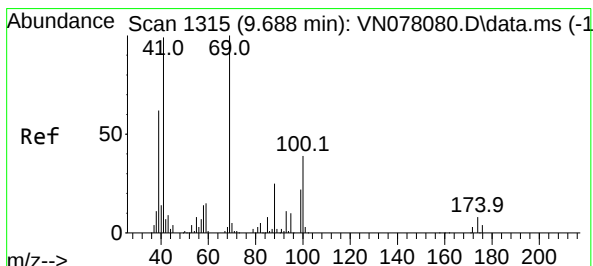
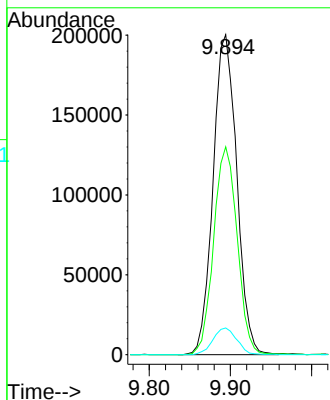
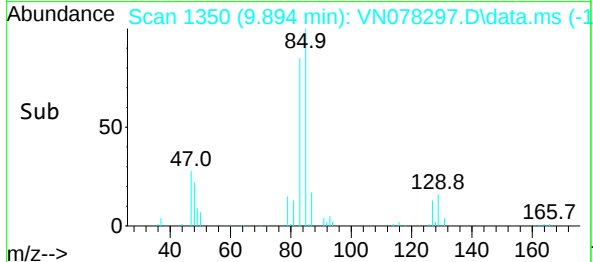
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



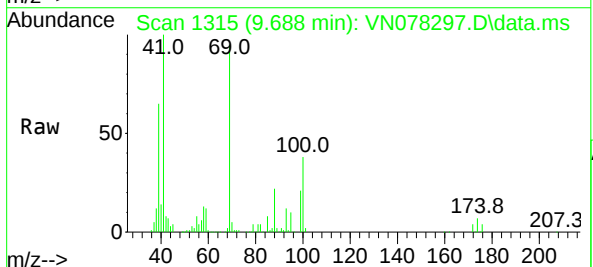
Tgt Ion: 83 Resp: 406074
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 8.3 7.0 10.6

Manual Integrations
APPROVED

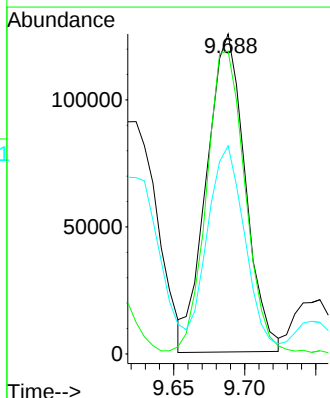
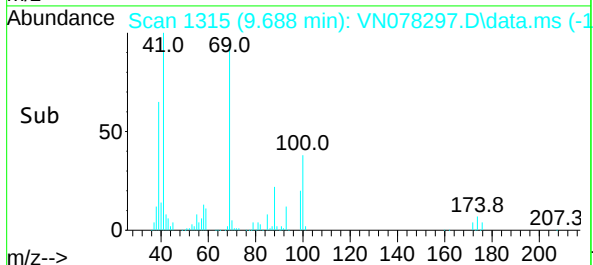
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

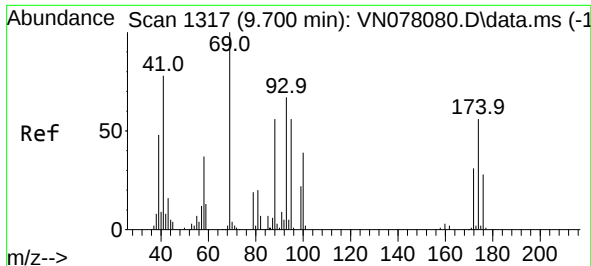


#48
Methyl methacrylate
Concen: 53.825 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



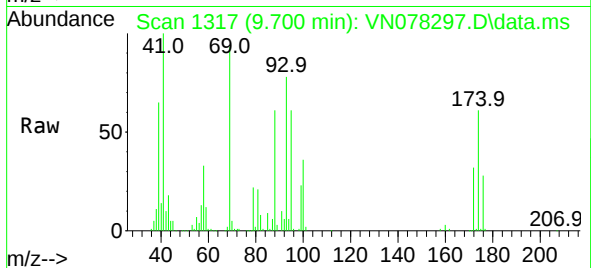
Tgt Ion: 41 Resp: 237034
Ion Ratio Lower Upper
41 100
69 96.2 90.4 135.6
39 63.8 54.6 81.8





#49
1,4-Dioxane
Concen: 917.929 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

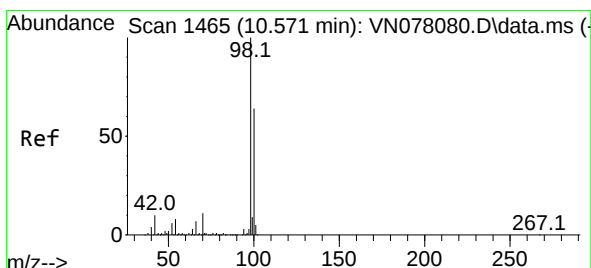
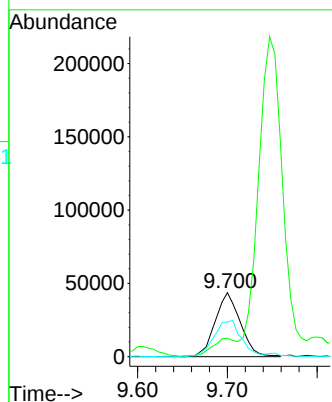
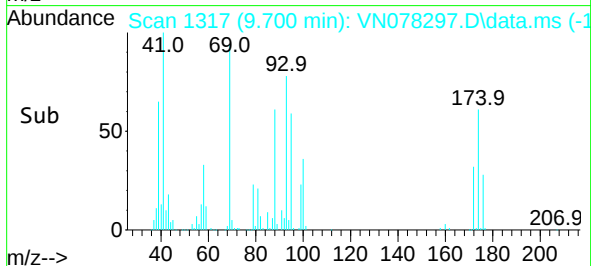
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 84962
Ion Ratio Lower Upper
88 100
43 27.4 17.0 25.6
58 61.7 47.0 70.4

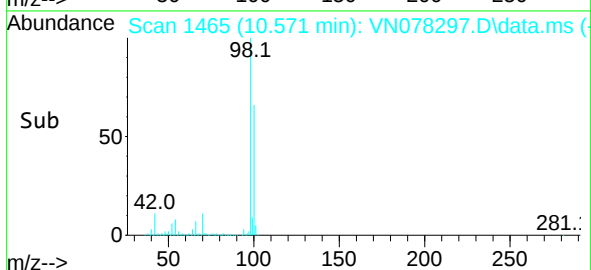
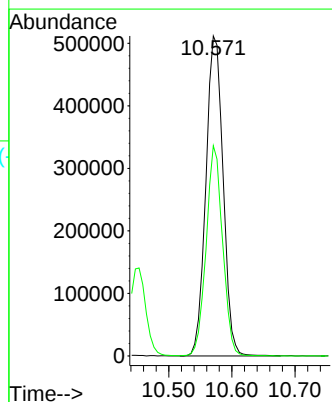
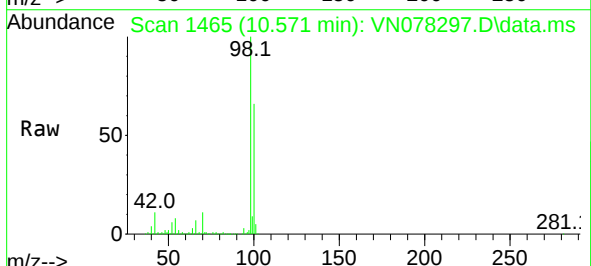
Manual Integrations
APPROVED

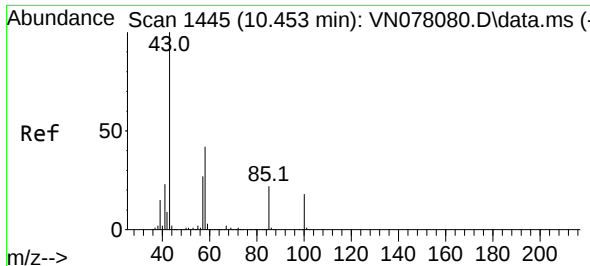
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#50
Toluene-d8
Concen: 51.397 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

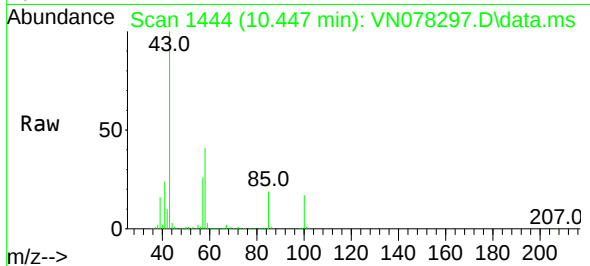
Tgt Ion: 98 Resp: 970273
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 270.424 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

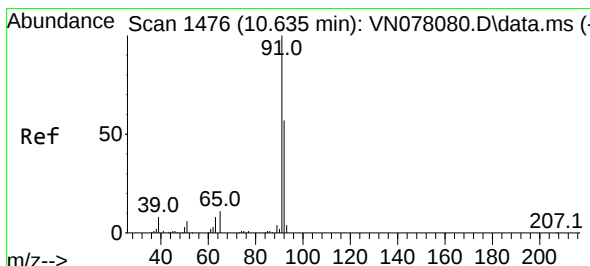
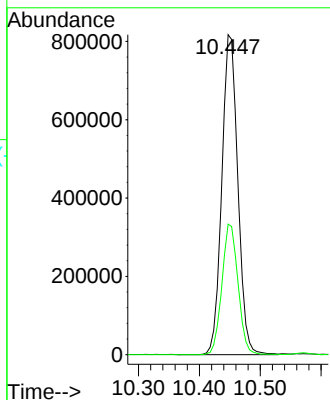
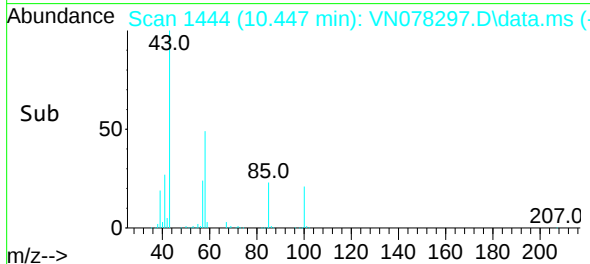
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 149434
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

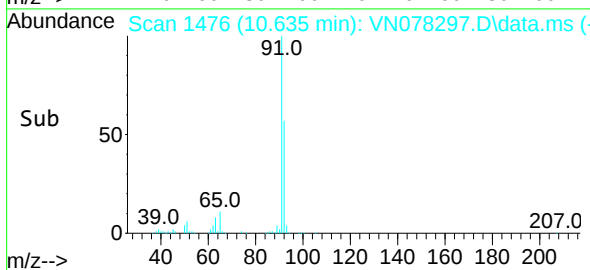
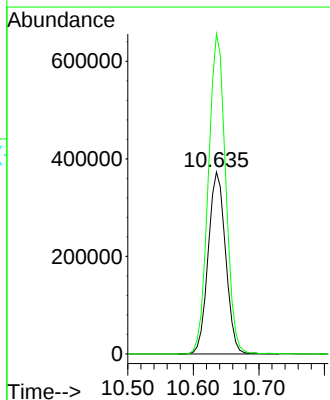
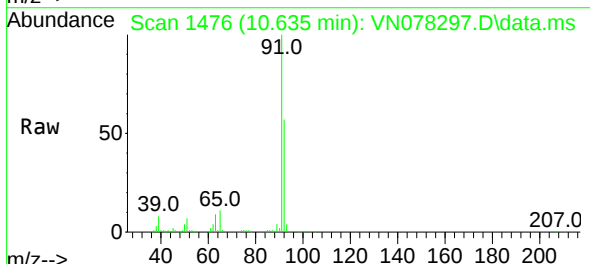
Manual Integrations
APPROVED

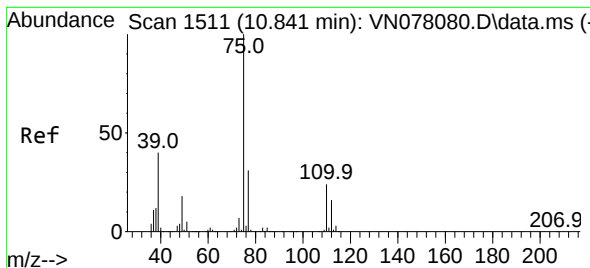
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 51.909 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

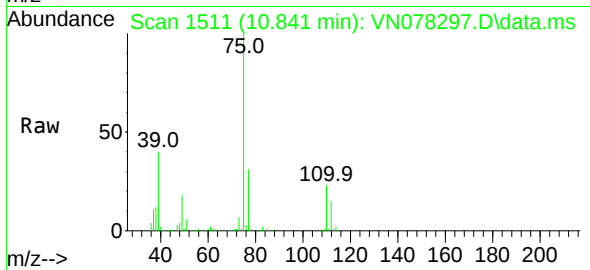
Tgt Ion: 92 Resp: 687254
Ion Ratio Lower Upper
92 100
91 175.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 57.422 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

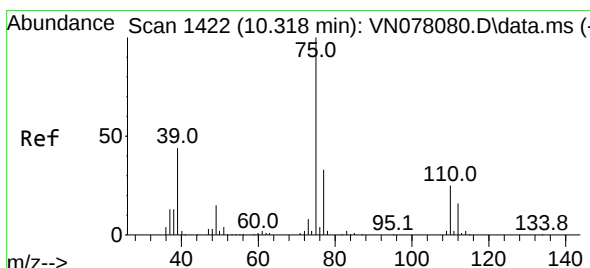
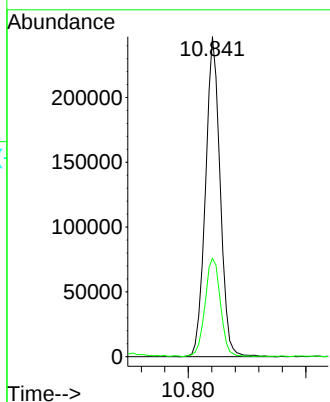
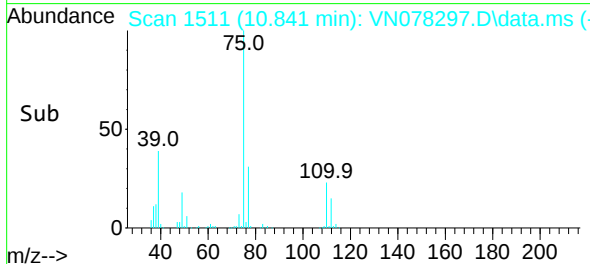
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 426874
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

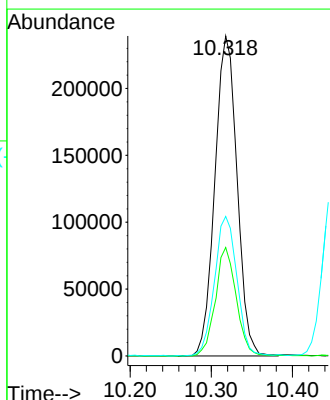
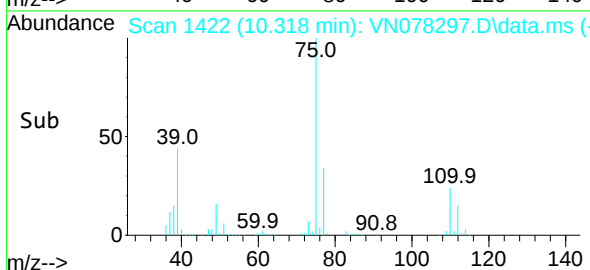
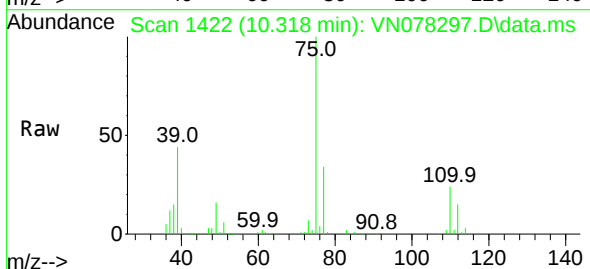
Manual Integrations
APPROVED

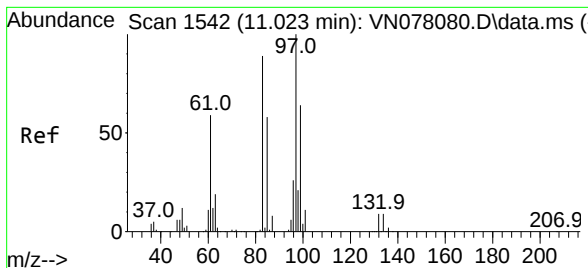
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 55.323 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

Tgt Ion: 75 Resp: 454627
Ion Ratio Lower Upper
75 100
77 33.9 26.1 39.1
39 43.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 55.234 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 276634

Ion Ratio Lower Upper

97 100

83 85.9 65.1 97.7

85 55.2 43.4 65.2

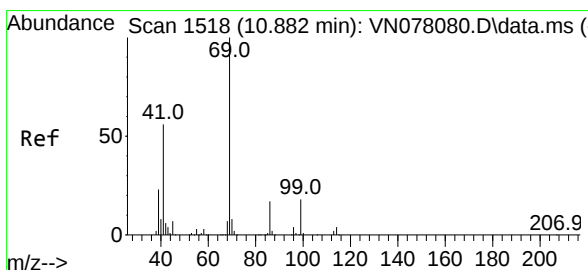
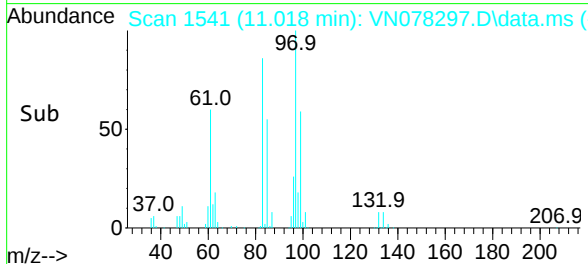
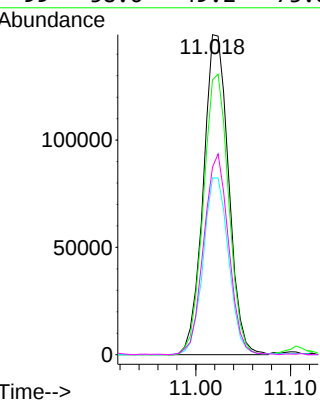
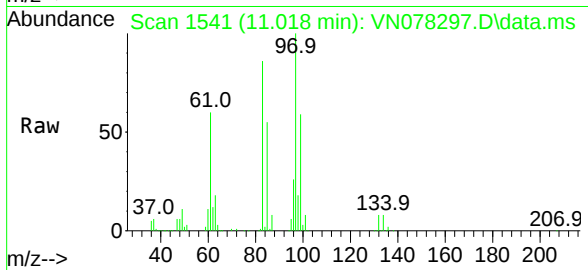
99 58.6 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#56

Ethyl methacrylate

Concen: 53.310 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

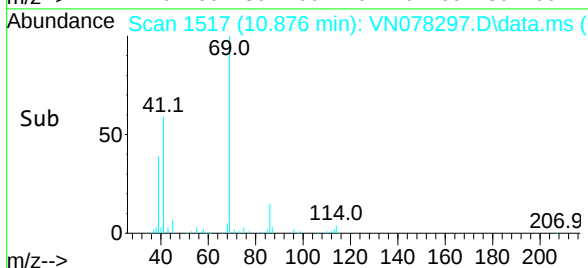
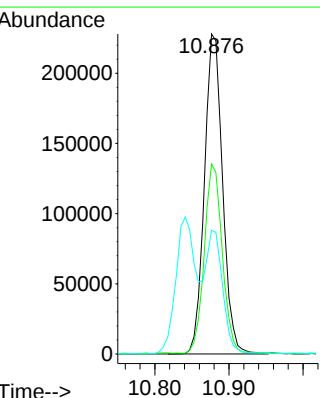
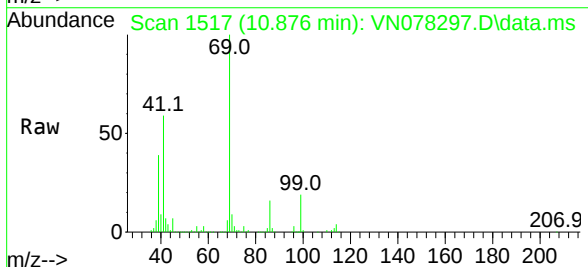
Tgt Ion: 69 Resp: 388765

Ion Ratio Lower Upper

69 100

41 58.2 39.6 59.4

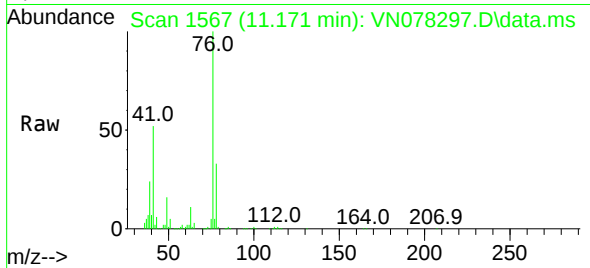
39 38.5 28.6 43.0





#57
1,3-Dichloropropane
Concen: 54.727 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

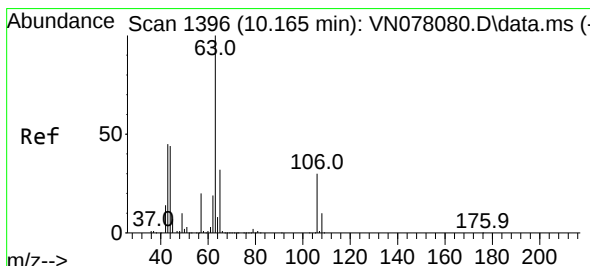
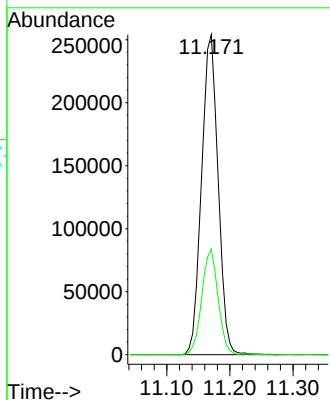
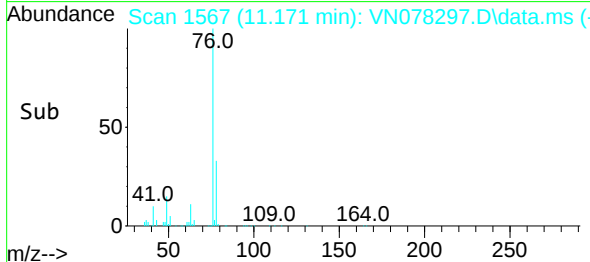
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



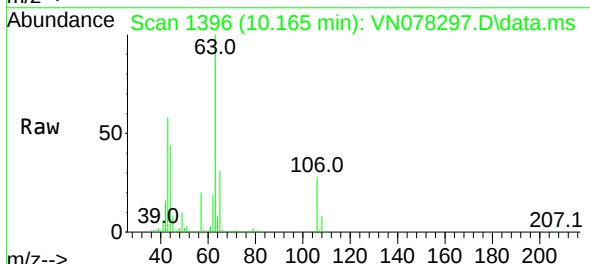
Tgt Ion: 76 Resp: 462663
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations
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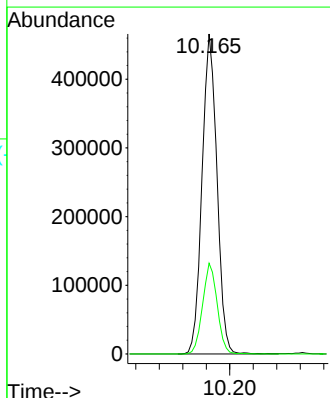
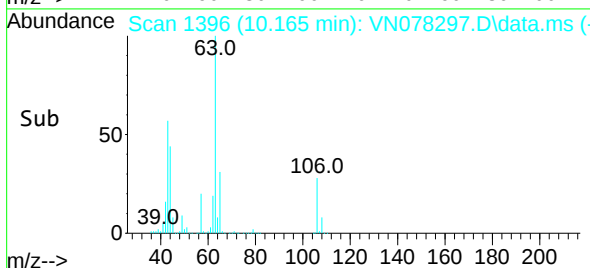
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

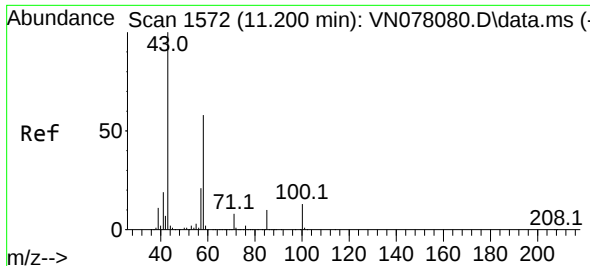


#58
2-Chloroethyl Vinyl ether
Concen: 277.509 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



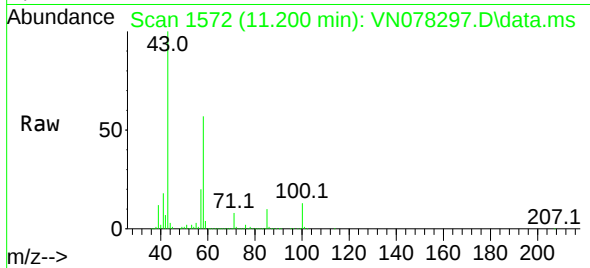
Tgt Ion: 63 Resp: 817536
Ion Ratio Lower Upper
63 100
106 27.7 26.2 39.4





#59
2-Hexanone
Concen: 273.053 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

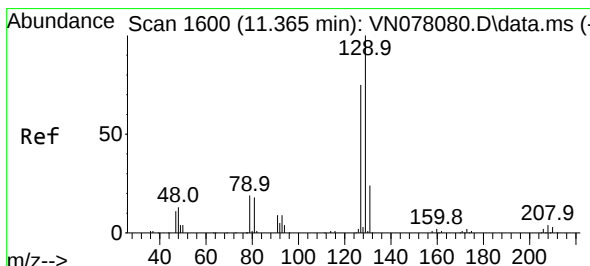
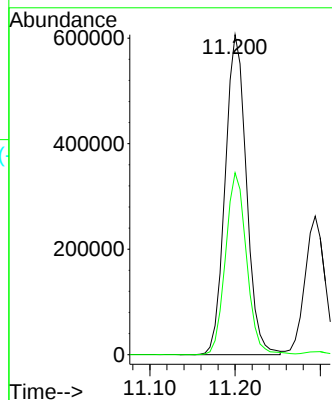
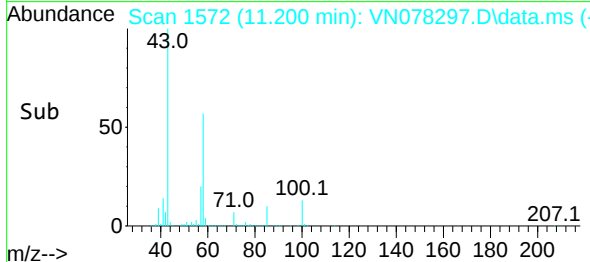
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 105061
Ion Ratio Lower Upper
43 100
58 56.3 31.7 95.1

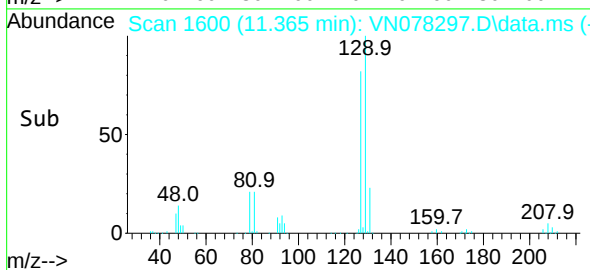
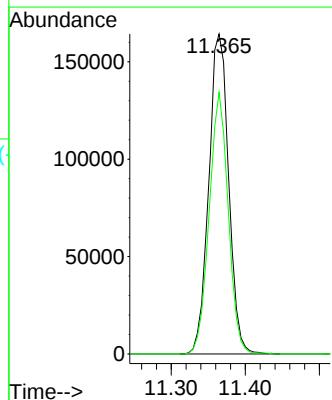
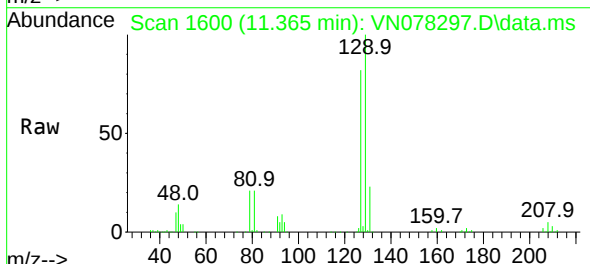
Manual Integrations
APPROVED

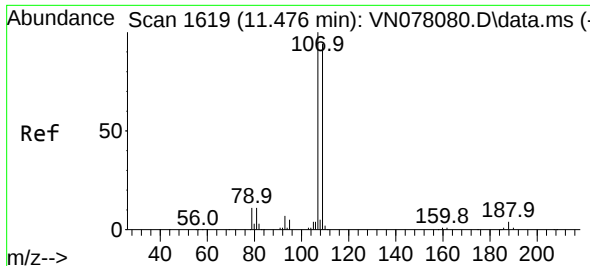
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 55.779 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

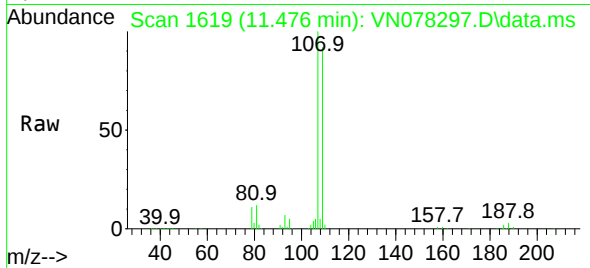
Tgt Ion:129 Resp: 305695
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.223 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

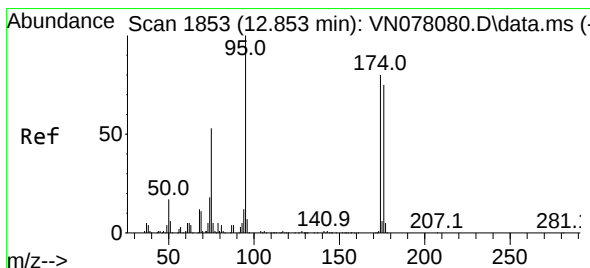
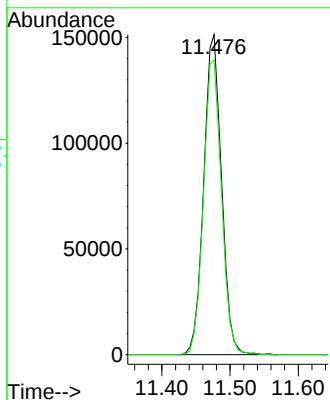
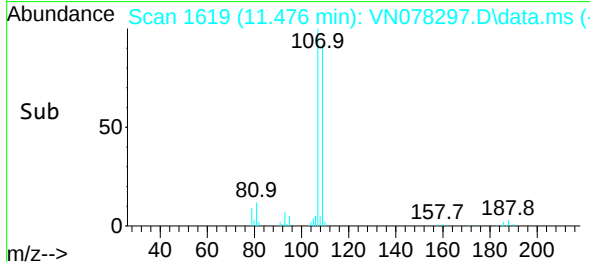
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 274478
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

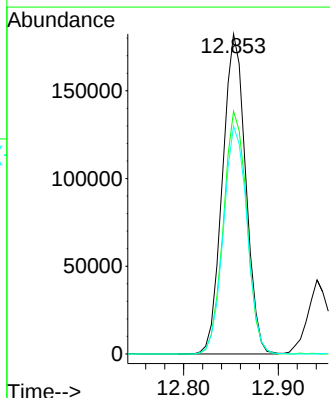
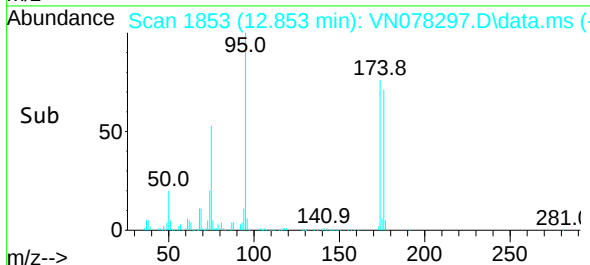
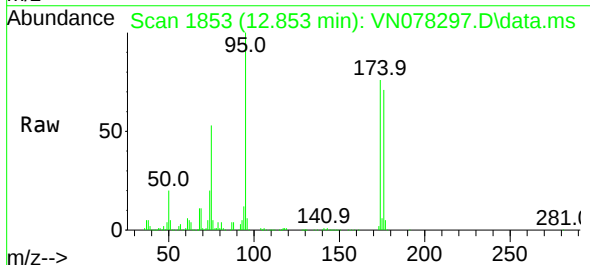
Manual Integrations
APPROVED

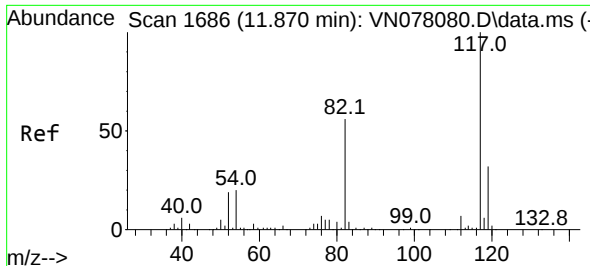
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 52.800 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

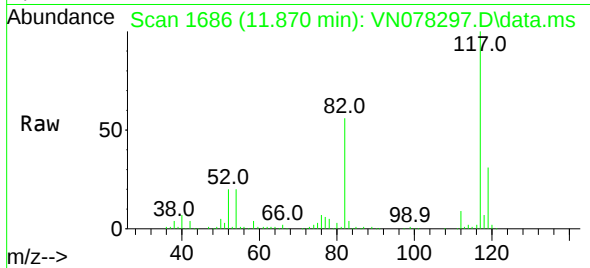
Tgt Ion: 95 Resp: 309866
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 72.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

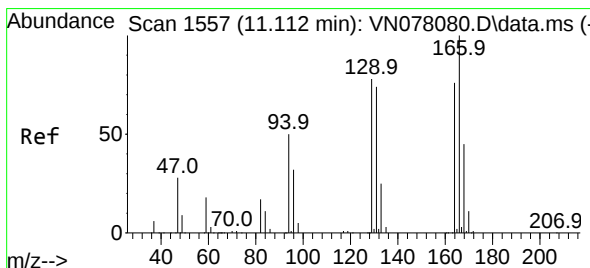
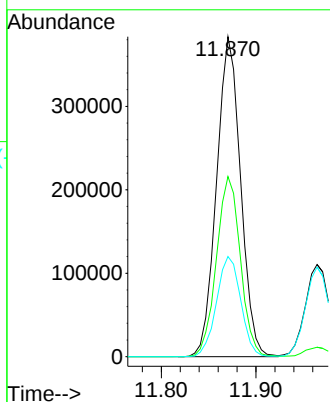
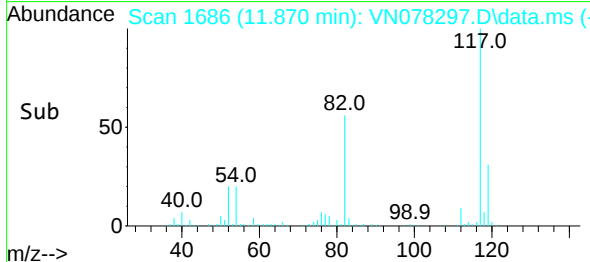
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



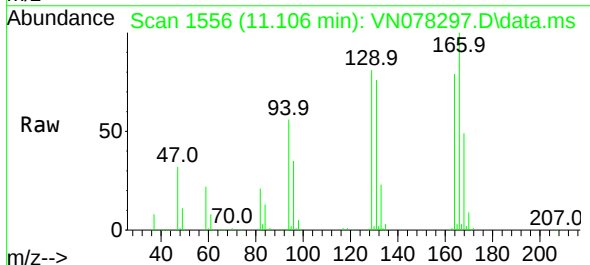
Tgt Ion:117 Resp: 67714
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.3 25.6 38.4

Manual Integrations
APPROVED

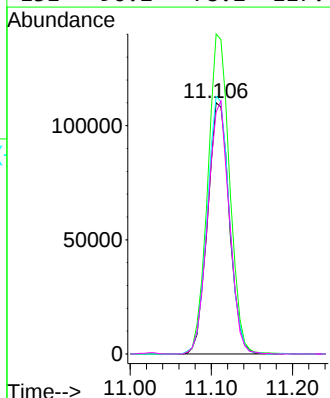
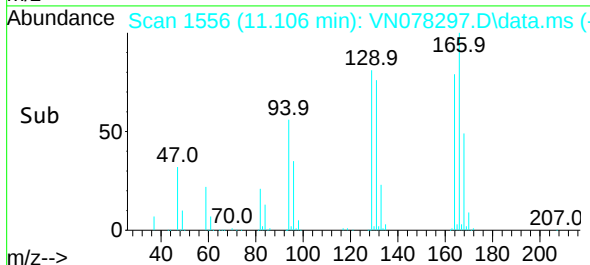
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

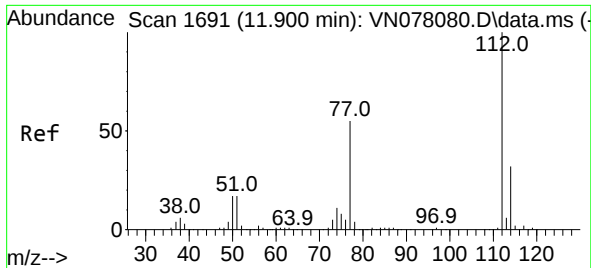


#64
Tetrachloroethene
Concen: 45.279 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



Tgt Ion:164 Resp: 204546
Ion Ratio Lower Upper
164 100
166 127.4 101.4 152.0
129 102.6 82.4 123.6
131 96.2 78.2 117.4





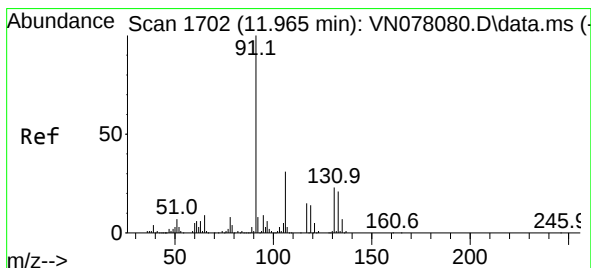
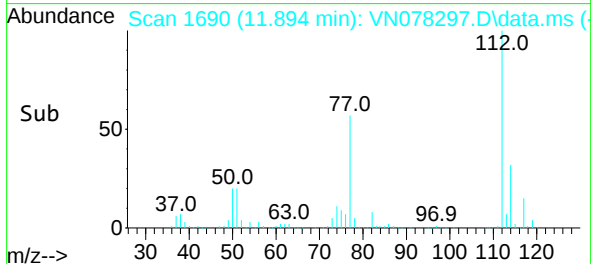
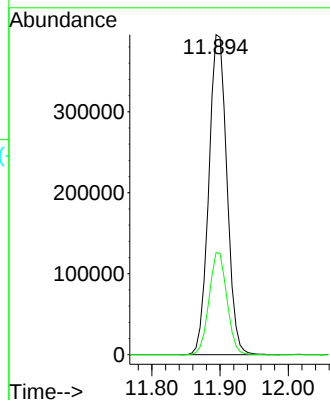
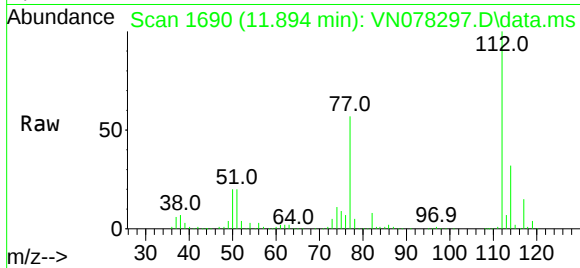
#65
Chlorobenzene
Concen: 50.256 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 72878
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

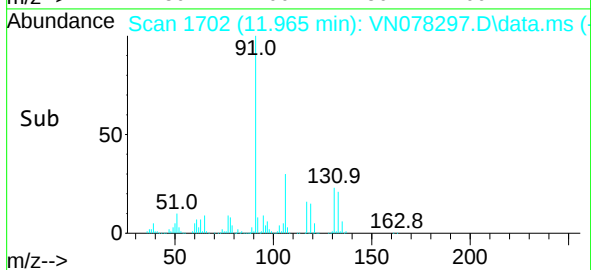
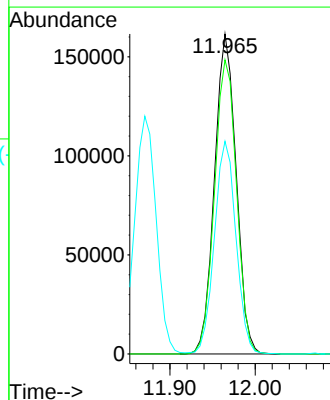
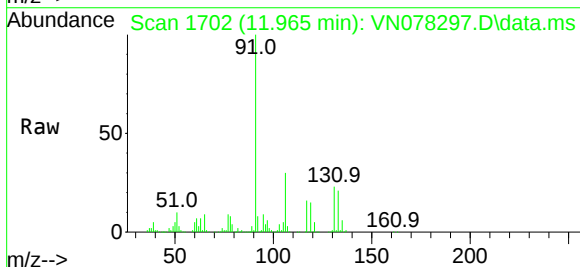
Manual Integrations
APPROVED

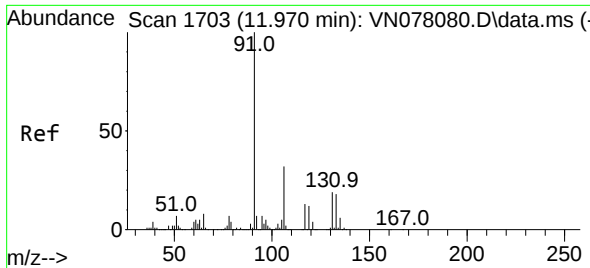
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.396 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

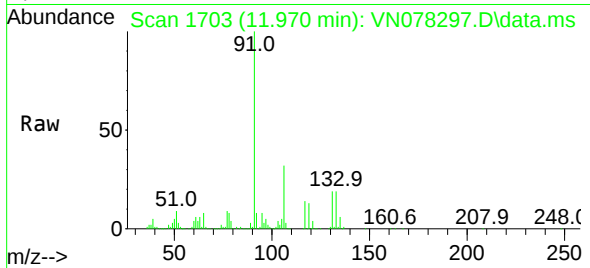
Tgt Ion:131 Resp: 284791
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 66.5 34.1 102.2





#67
Ethyl Benzene
Concen: 50.542 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

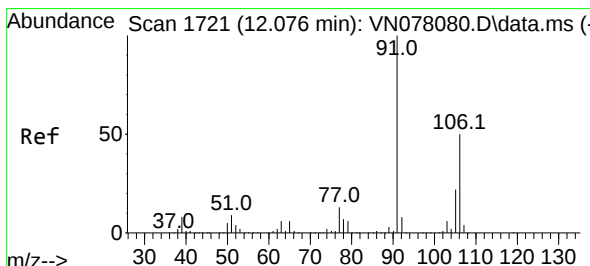
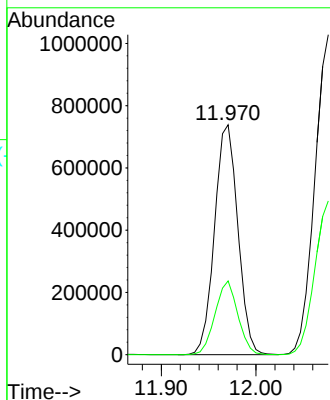
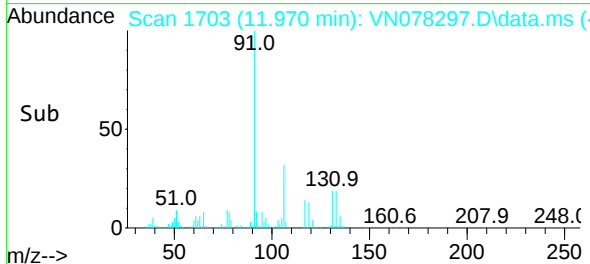
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



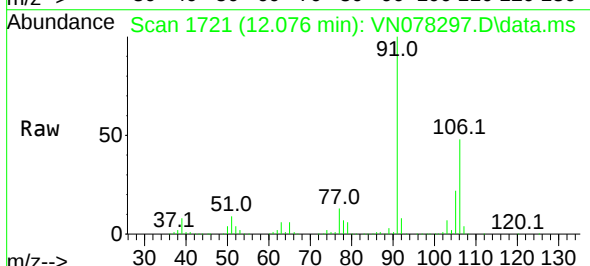
Tgt Ion: 91 Resp: 1264650
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

Manual Integrations
APPROVED

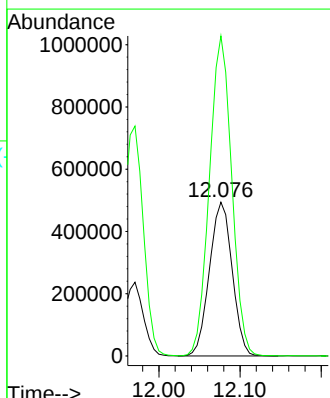
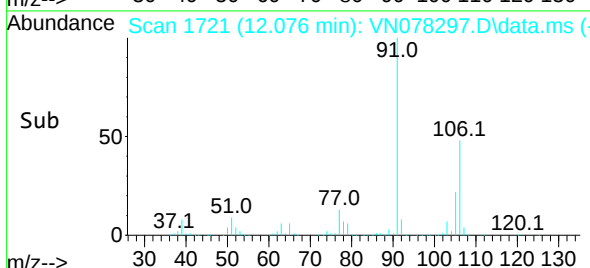
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

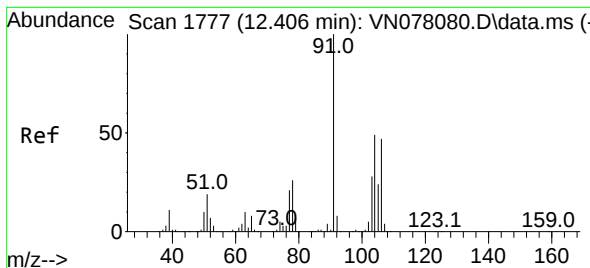


#68
m/p-Xylenes
Concen: 100.849 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



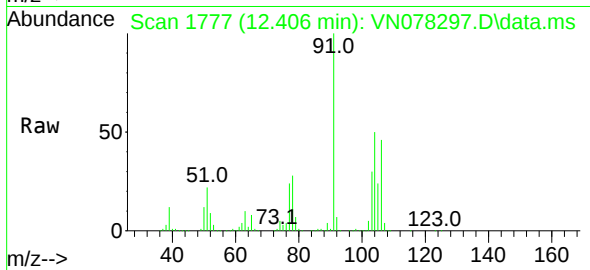
Tgt Ion:106 Resp: 961685
Ion Ratio Lower Upper
106 100
91 204.0 159.6 239.4





#69
o-Xylene
Concen: 50.338 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

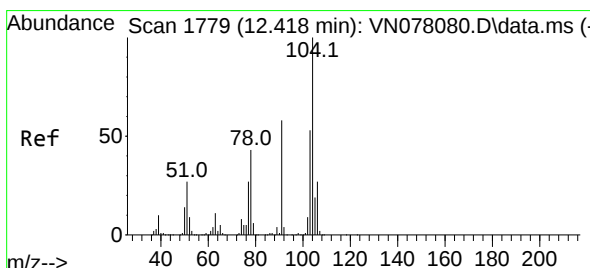
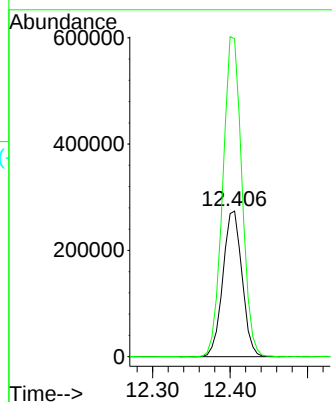
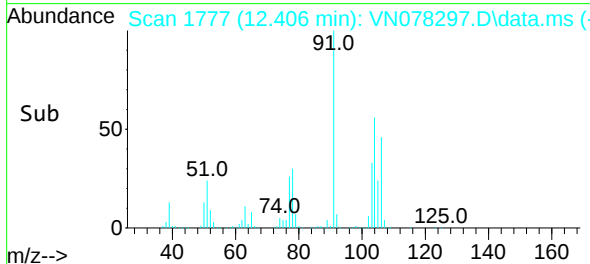
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 47138
Ion Ratio Lower Upper
106 100
91 218.6 105.2 315.5

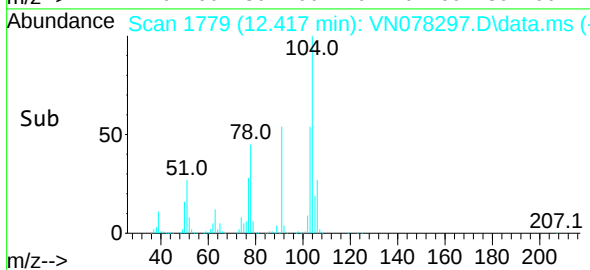
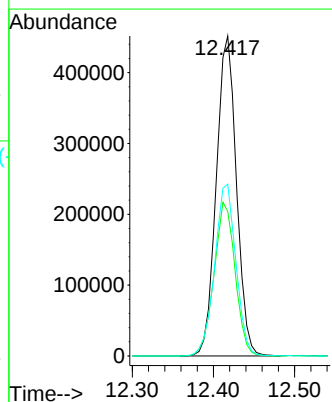
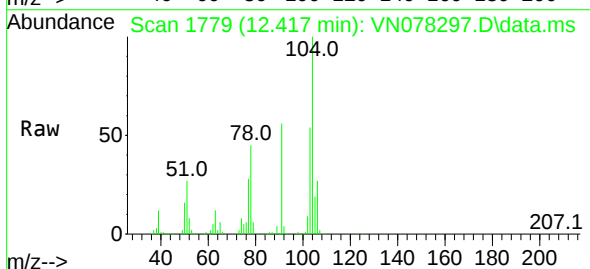
Manual Integrations
APPROVED

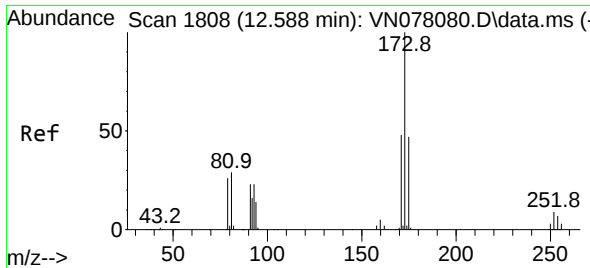
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 52.954 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

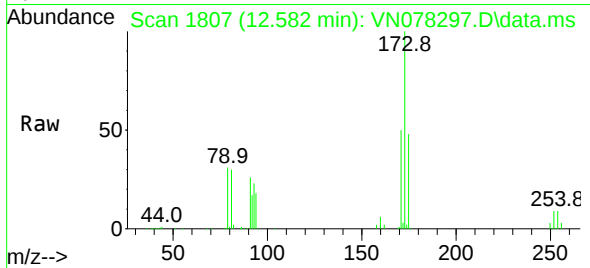
Tgt Ion:104 Resp: 780665
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 56.6 43.2 64.8





#71
Bromoform
Concen: 56.583 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

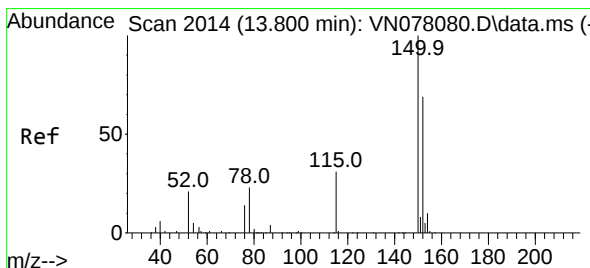
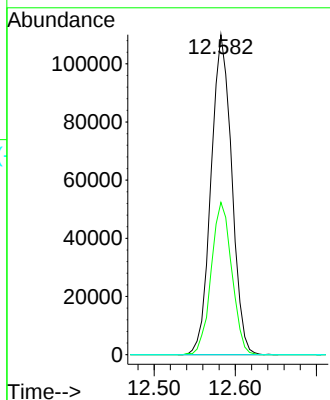
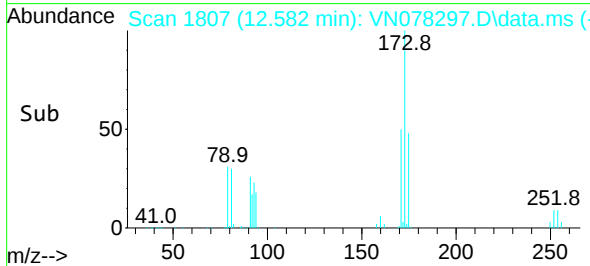
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



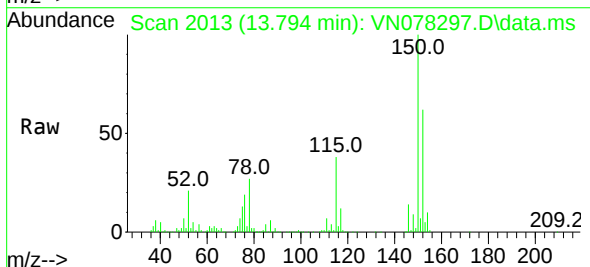
Tgt Ion:173 Resp: 194758
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

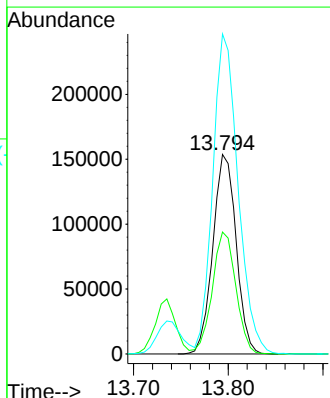
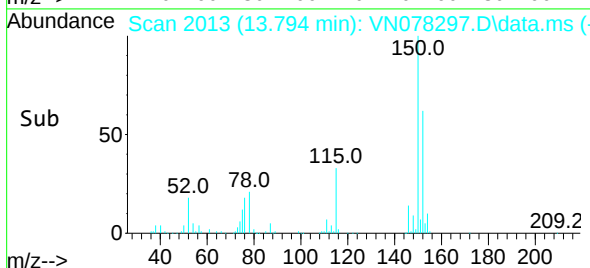
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

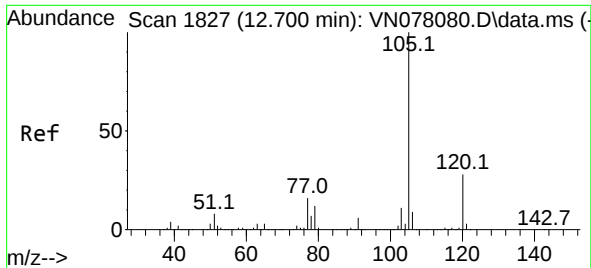


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



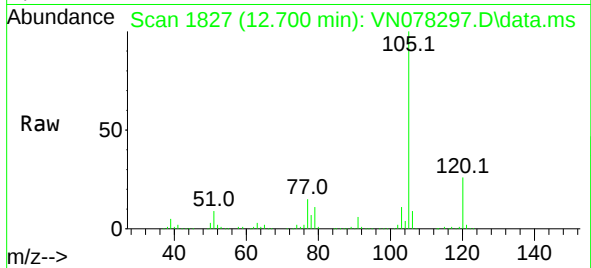
Tgt Ion:152 Resp: 262417
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 174.2 0.0 355.8





#73
Isopropylbenzene
Concen: 45.787 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

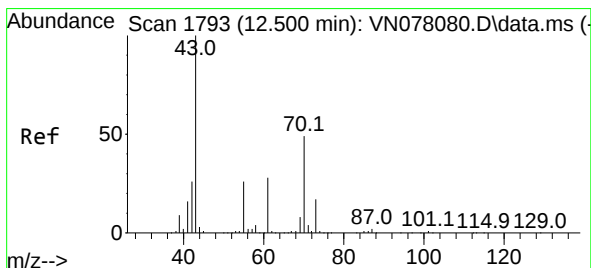
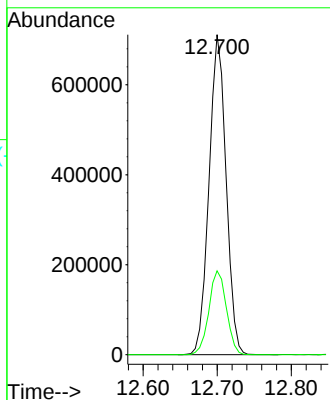
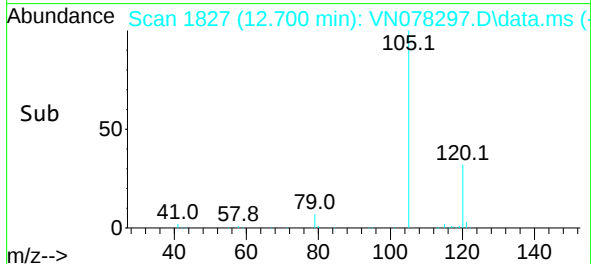
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1136200
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

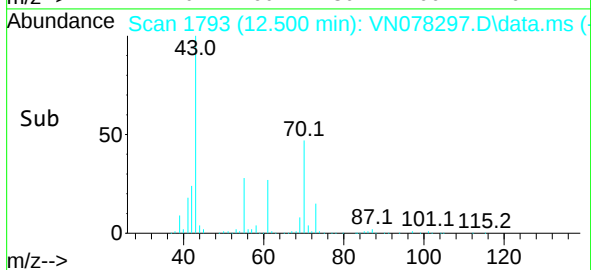
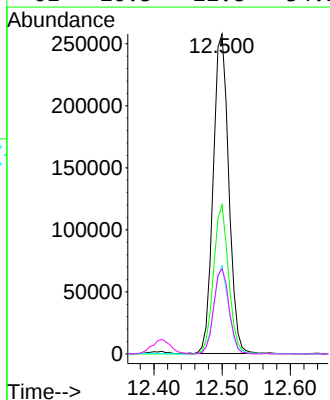
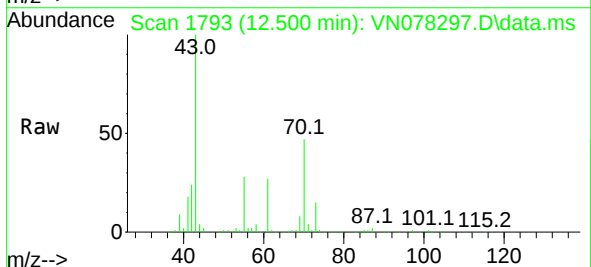
Manual Integrations
APPROVED

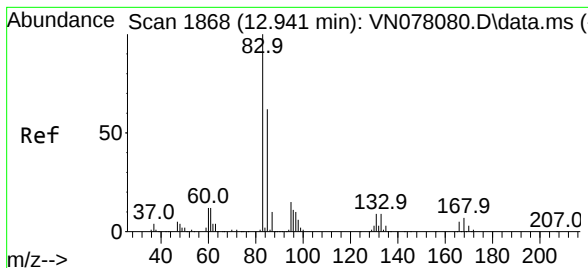
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#74
N-ethyl acetate
Concen: 50.087 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

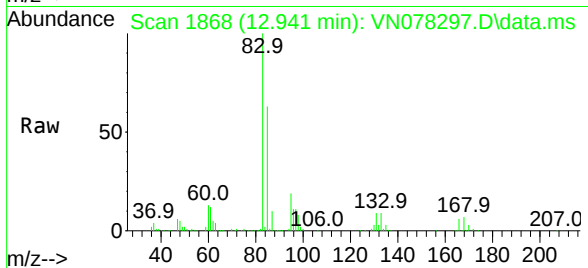
Tgt Ion: 43 Resp: 409298
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 26.5 21.4 32.0
61 26.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 56.367 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

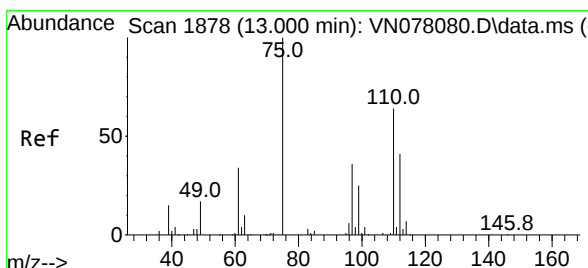
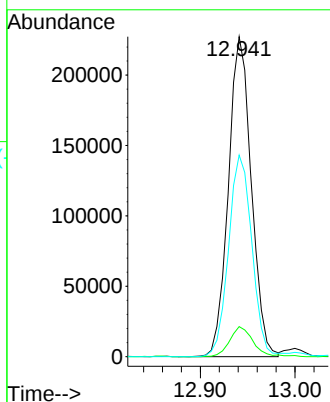
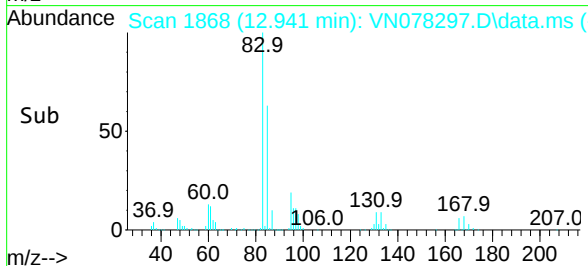
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 382584
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.2 31.9 95.7

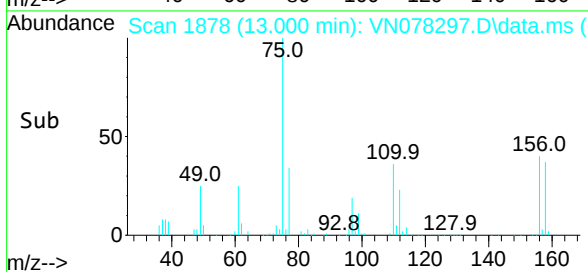
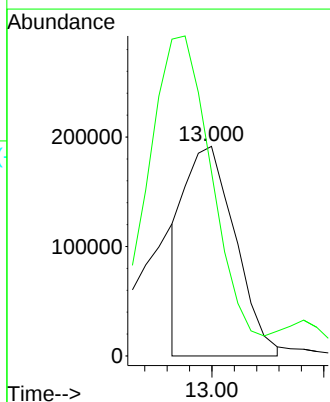
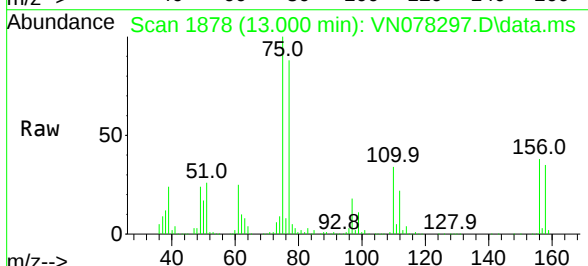
Manual Integrations
APPROVED

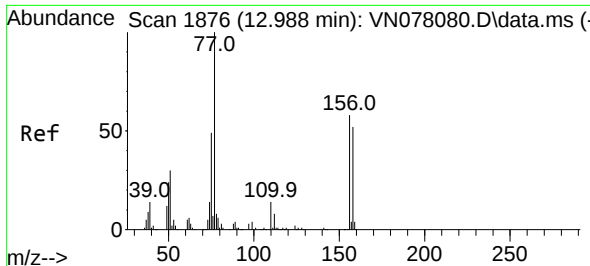
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#76
1,2,3-Trichloropropane
Concen: 48.623 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

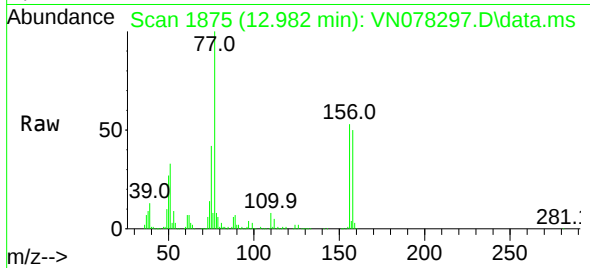
Tgt Ion: 75 Resp: 301639
Ion Ratio Lower Upper
75 100
77 198.6 84.5 253.5





#77
Bromobenzene
Concen: 47.536 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

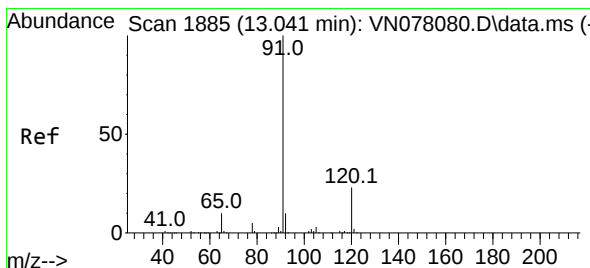
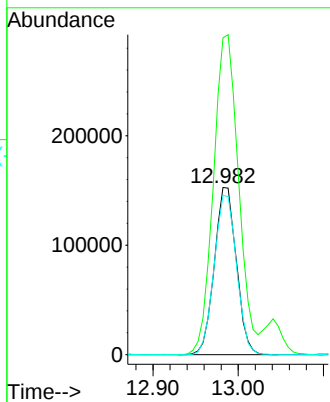
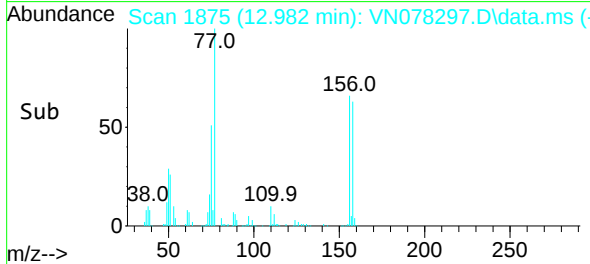
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 27383
Ion Ratio Lower Upper
156 100
77 218.8 107.7 323.3
158 97.3 48.4 145.3

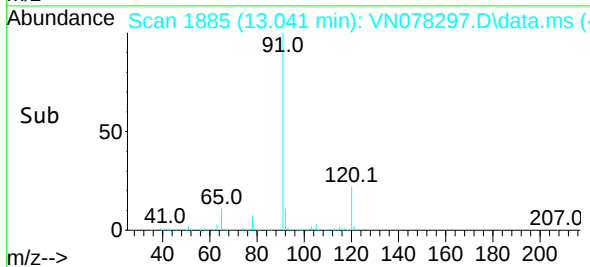
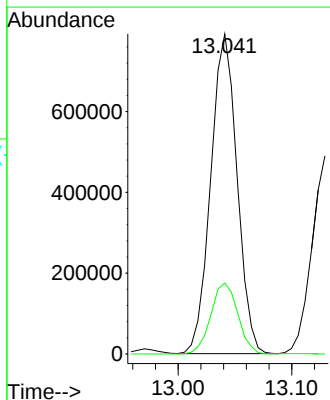
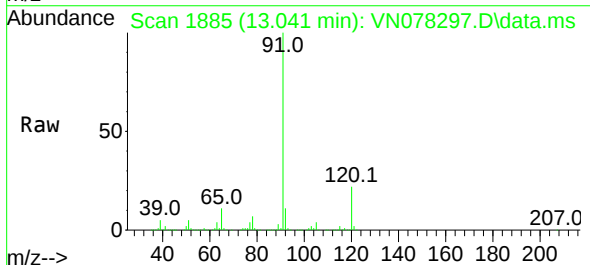
Manual Integrations
APPROVED

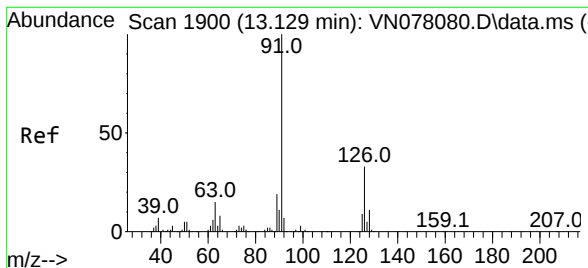
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#78
n-propylbenzene
Concen: 47.241 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

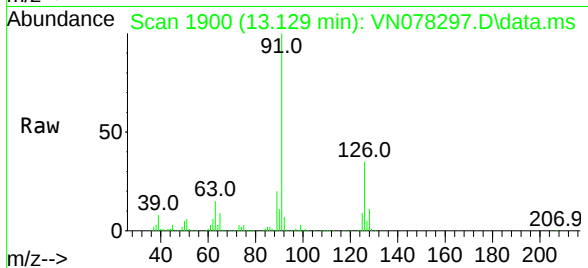
Tgt Ion: 91 Resp: 1273658
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 46.770 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

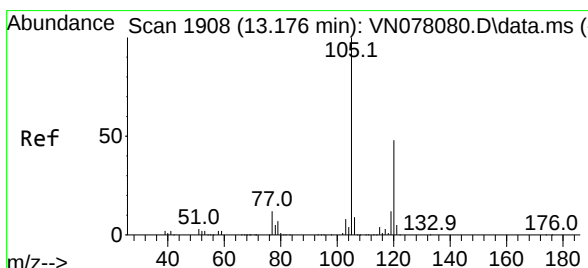
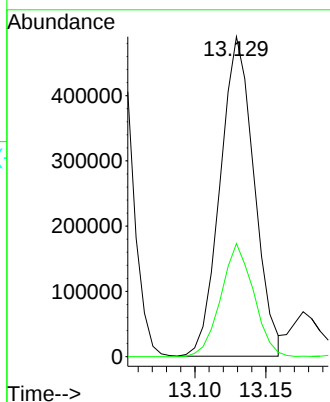
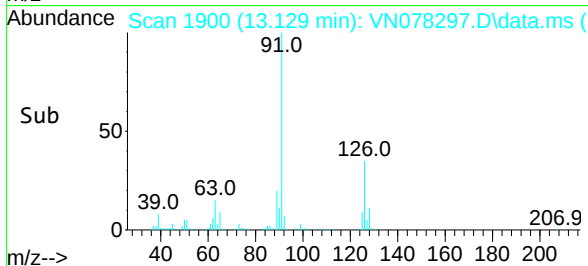
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



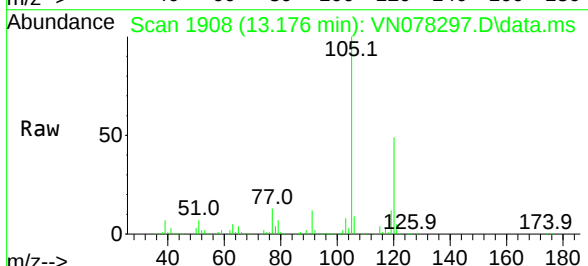
Tgt Ion: 91 Resp: 813952
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

Manual Integrations
APPROVED

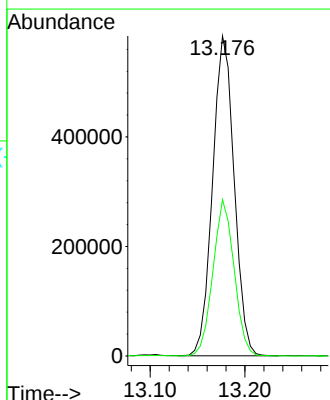
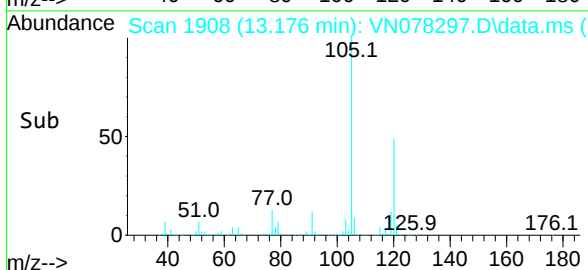
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

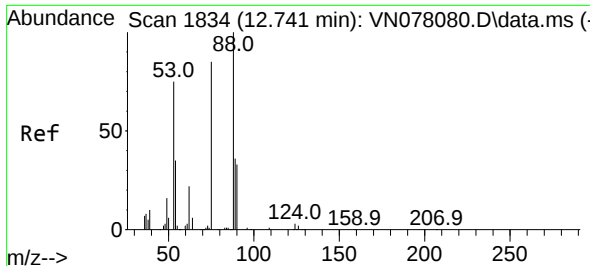


#80
1,3,5-Trimethylbenzene
Concen: 46.029 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



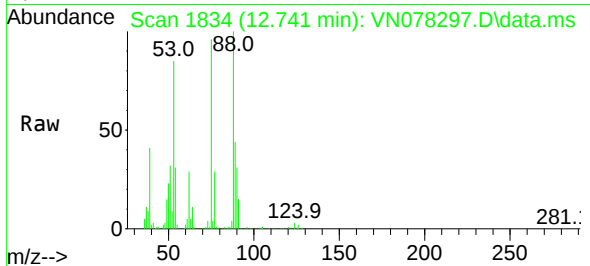
Tgt Ion:105 Resp: 924759
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 58.110 ug/l
RT: 12.741 min Scan# 117330
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

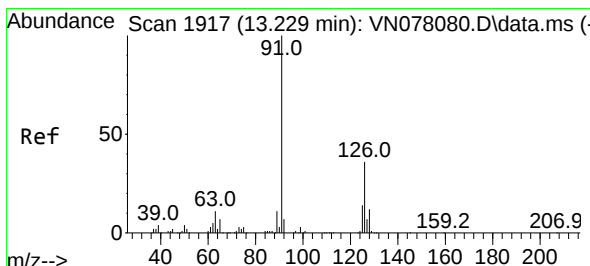
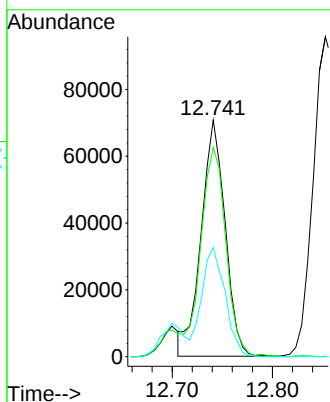
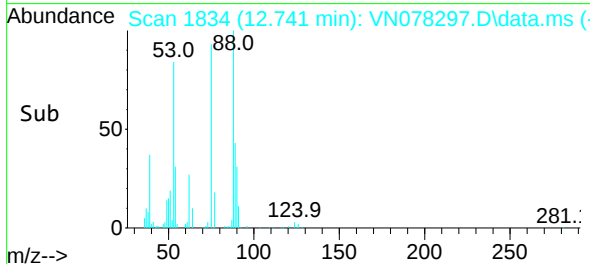
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



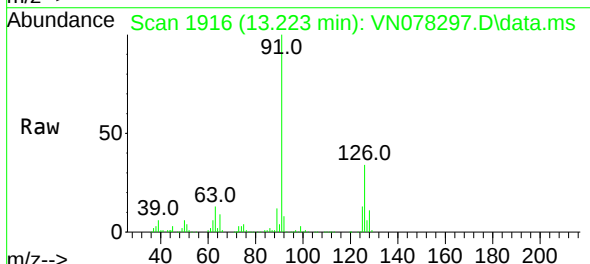
Tgt Ion: 75 Resp: 117330
Ion Ratio Lower Upper
75 100
53 91.6 67.4 101.2
89 45.0 38.8 58.2

Manual Integrations
APPROVED

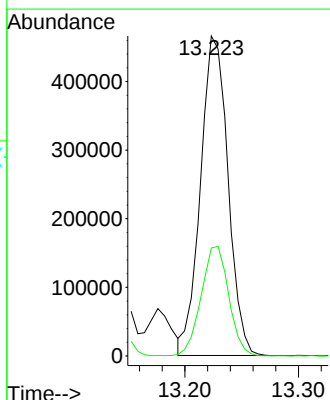
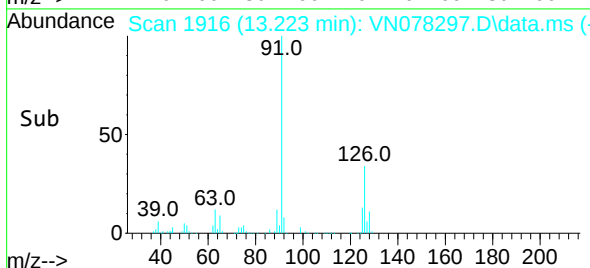
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

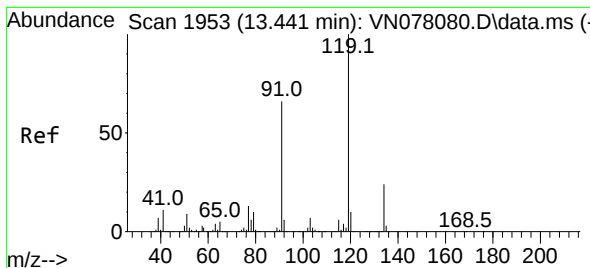


#82
4-Chlorotoluene
Concen: 48.287 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



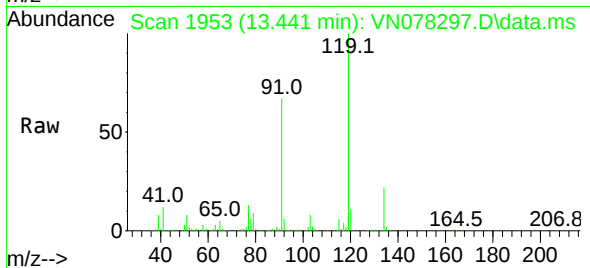
Tgt Ion: 91 Resp: 784292
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.613 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

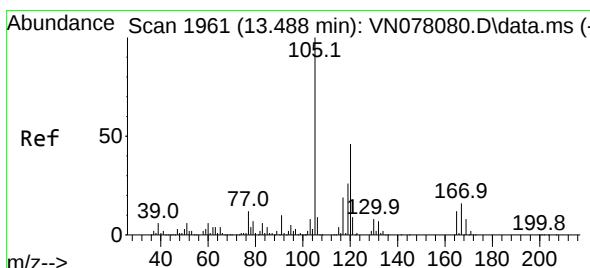
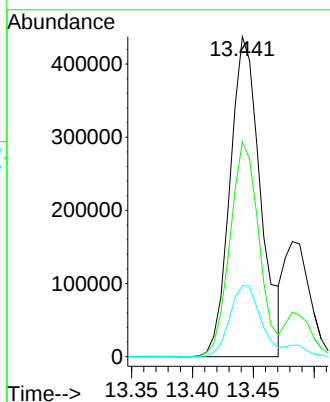
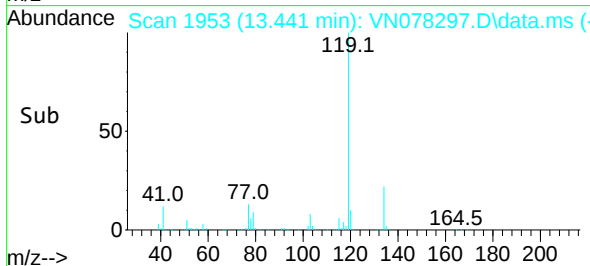
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



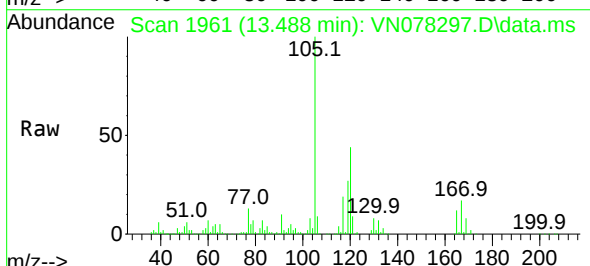
Tgt Ion:119 Resp: 76166
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 23.2 13.2 39.6

Manual Integrations
APPROVED

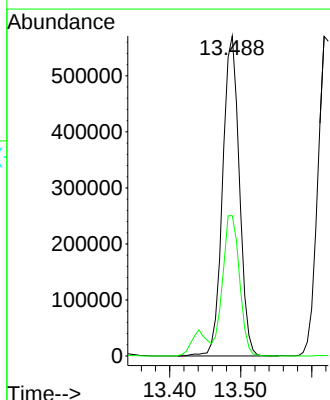
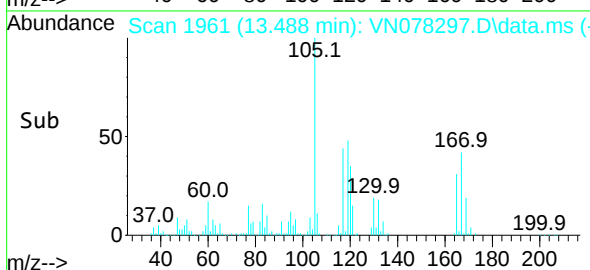
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

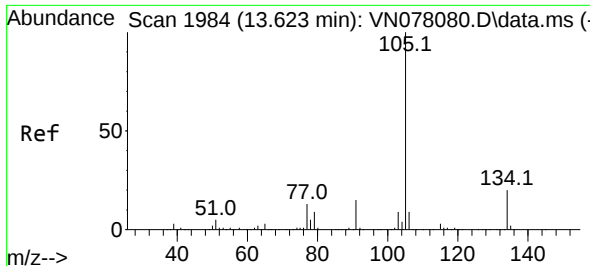


#84
1,2,4-Trimethylbenzene
Concen: 47.690 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



Tgt Ion:105 Resp: 928923
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





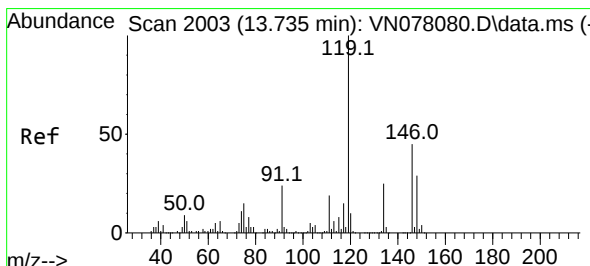
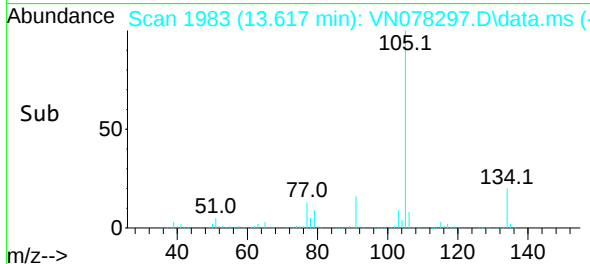
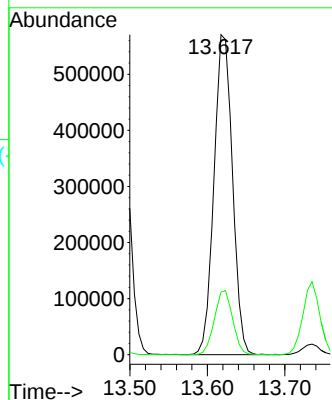
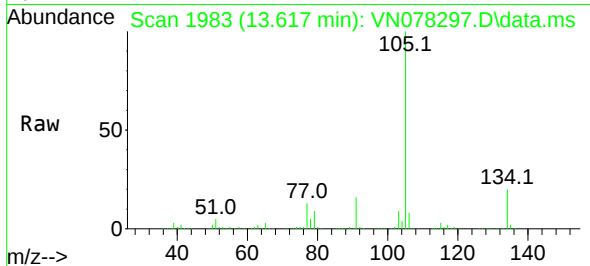
#85
 sec-Butylbenzene
 Concen: 41.424 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078297.D
 Acq: 20 Jun 2023 09:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 94686
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

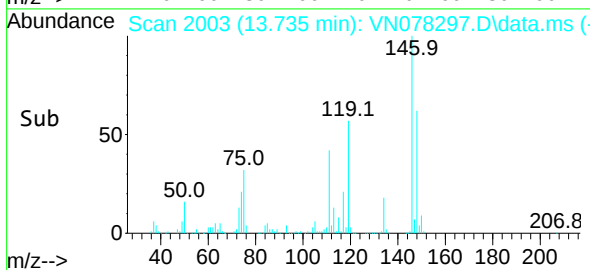
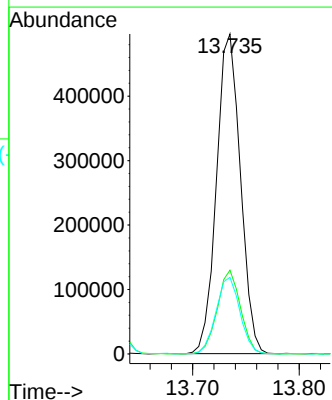
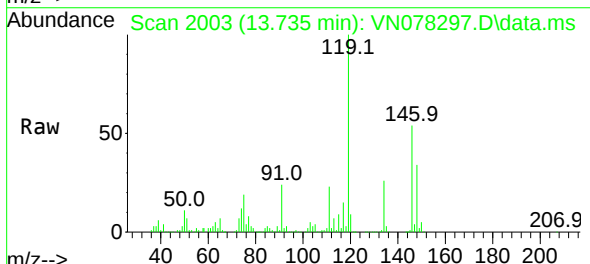
Manual Integrations
 APPROVED

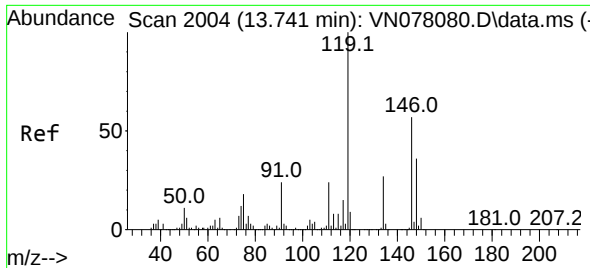
Reviewed By :John Carlone 06/21/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 41.627 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078297.D
 Acq: 20 Jun 2023 09:52

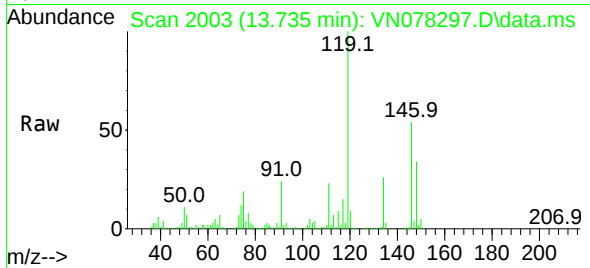
Tgt Ion:119 Resp: 772152
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.326 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

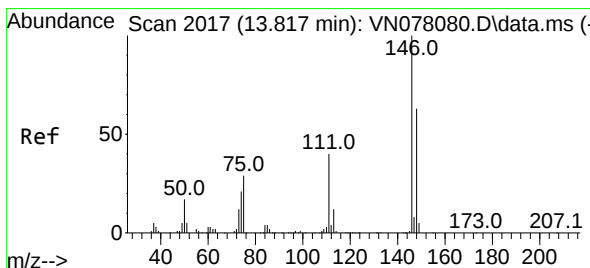
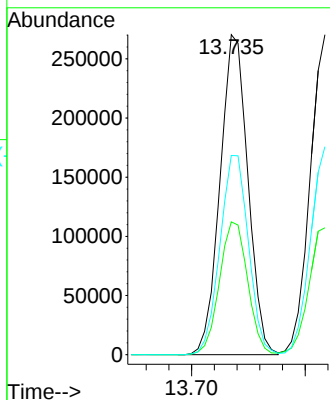
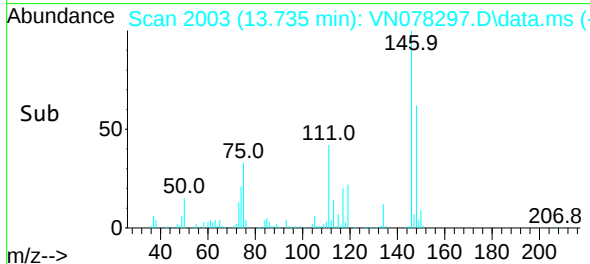
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 461138
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.3
148 63.7 32.0 96.0

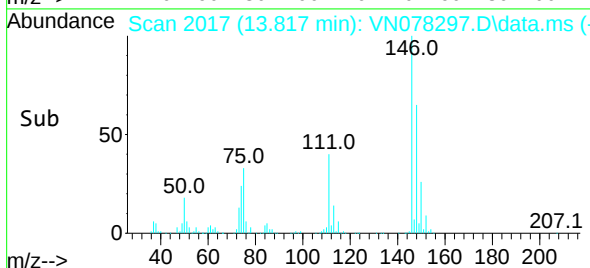
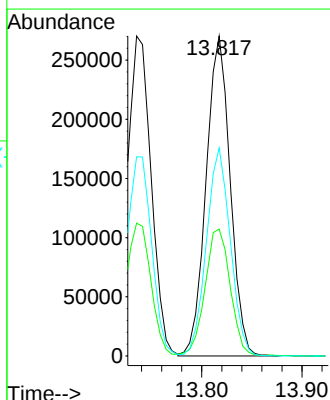
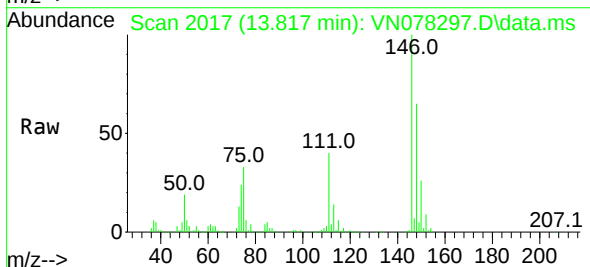
Manual Integrations
APPROVED

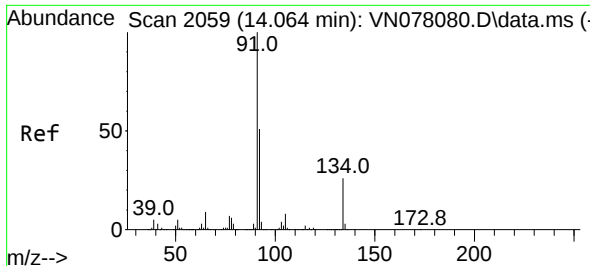
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#88
1,4-Dichlorobenzene
Concen: 48.046 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

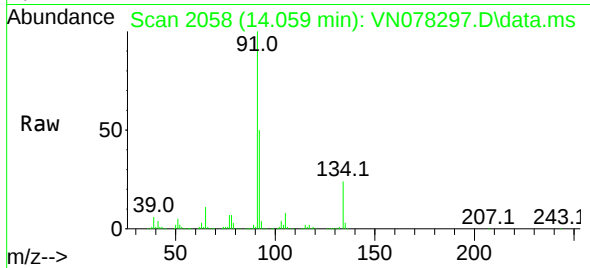
Tgt Ion:146 Resp: 451743
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 64.6 31.6 94.8





#89
n-Butylbenzene
Concen: 41.682 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

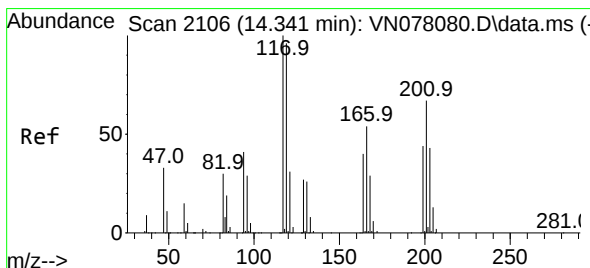
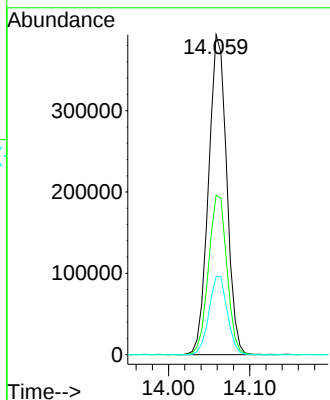
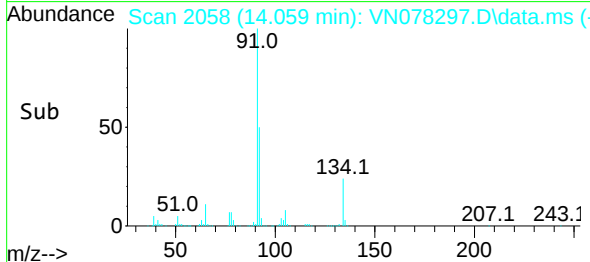
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 609830
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 24.7 12.6 37.6

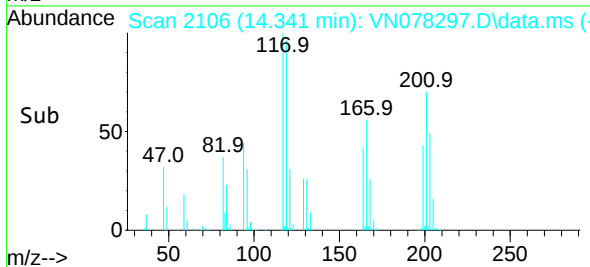
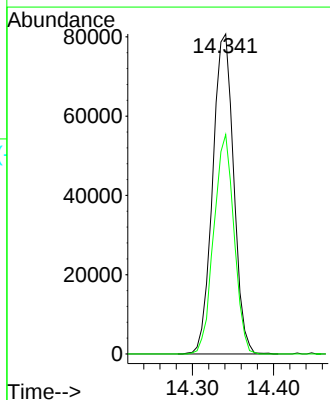
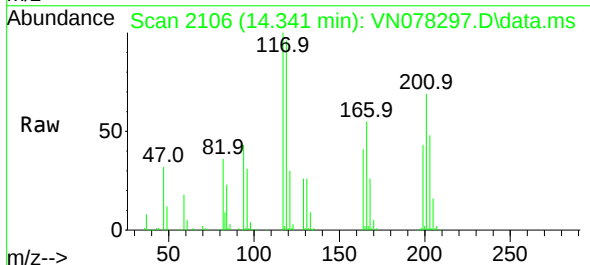
Manual Integrations
APPROVED

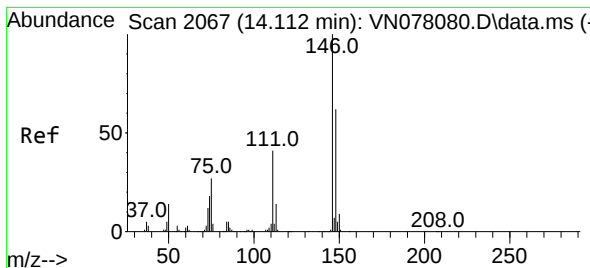
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 44.061 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

Tgt Ion:117 Resp: 145043
Ion Ratio Lower Upper
117 100
201 66.1 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 48.166 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 458680

Ion Ratio Lower Upper

146 100

111 42.4 22.0 66.0

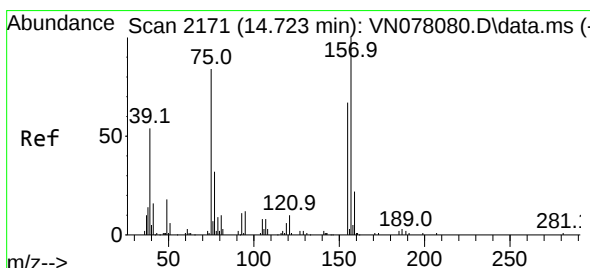
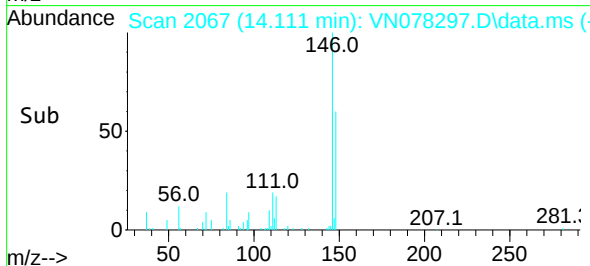
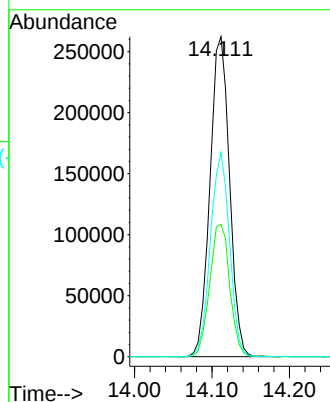
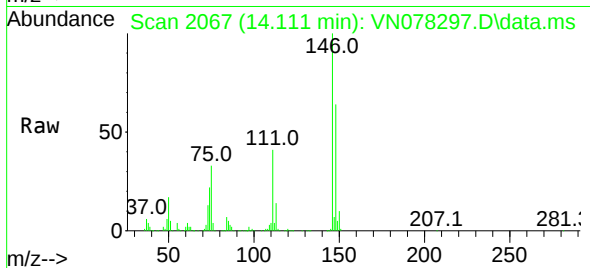
148 62.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.268 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

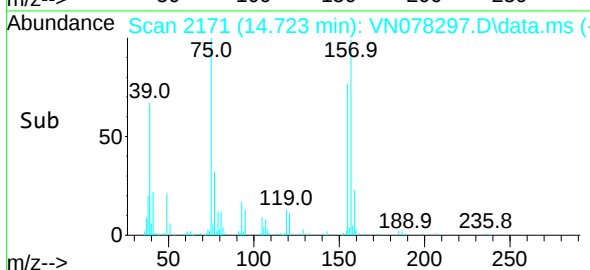
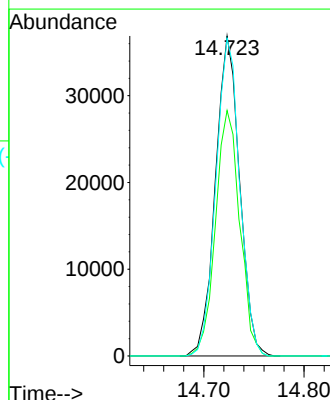
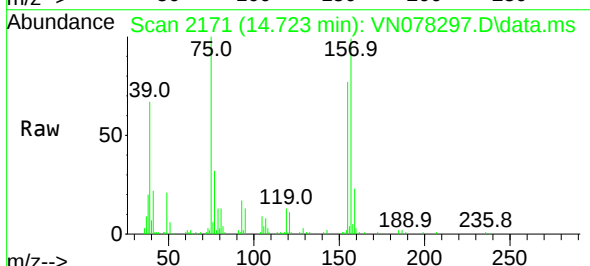
Tgt Ion: 75 Resp: 61787

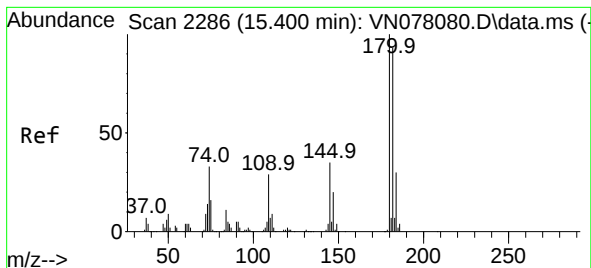
Ion Ratio Lower Upper

75 100

155 77.0 39.1 117.2

157 97.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 41.751 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 14166

Ion Ratio Lower Upper

180 100

182 96.2 46.1 138.2

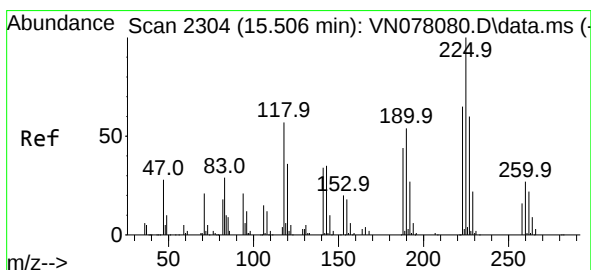
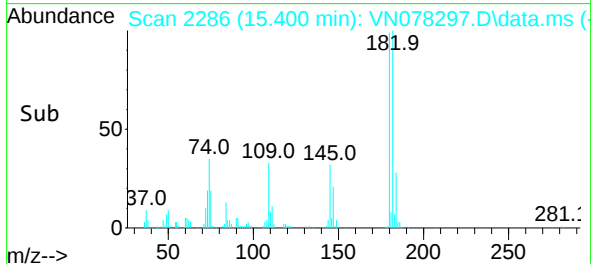
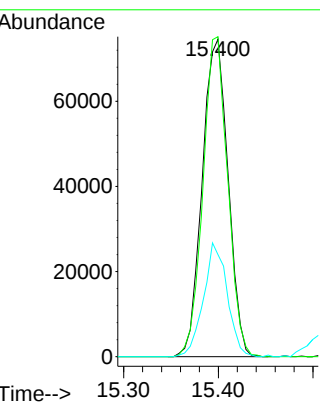
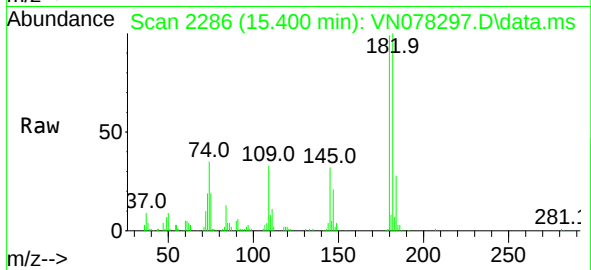
145 32.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 39.700 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078297.D

Acq: 20 Jun 2023 09:52

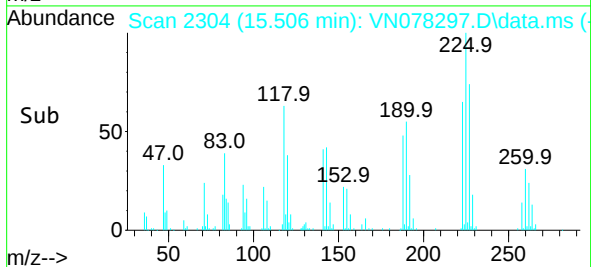
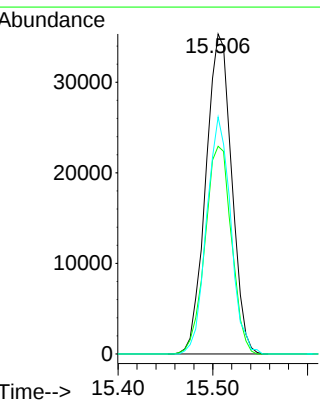
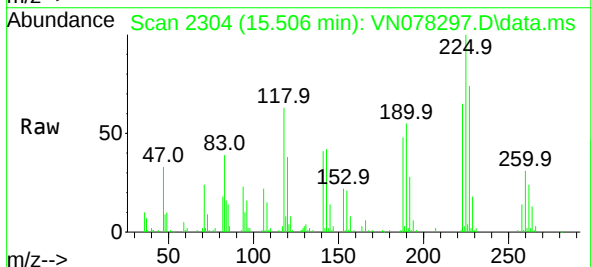
Tgt Ion:225 Resp: 66946

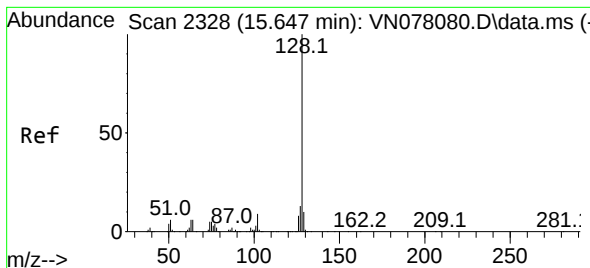
Ion Ratio Lower Upper

225 100

223 66.3 31.3 93.8

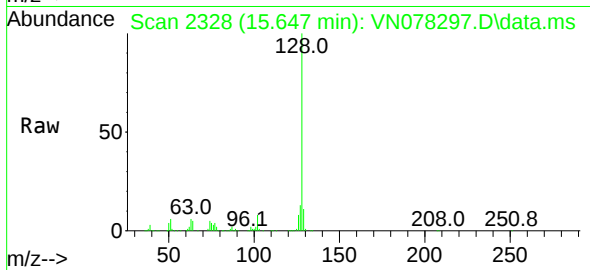
227 69.2 31.9 95.9





#95
Naphthalene
Concen: 41.617 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52

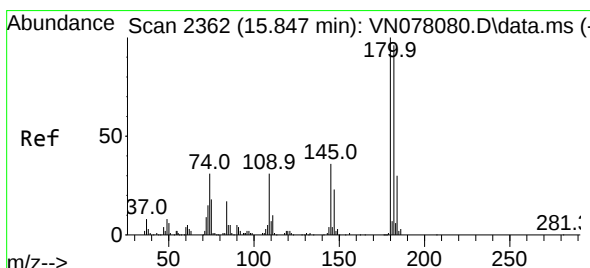
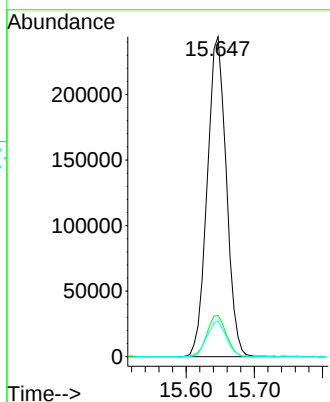
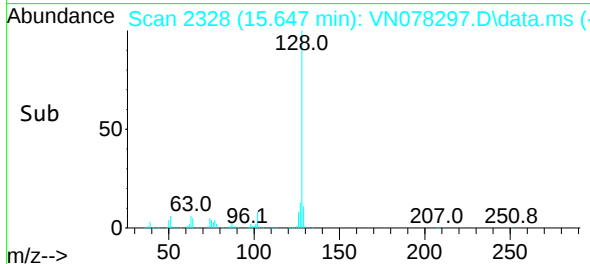
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



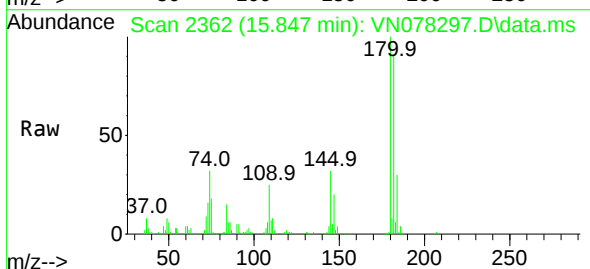
Tgt Ion:128 Resp: 474983
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.468 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078297.D
Acq: 20 Jun 2023 09:52



Tgt Ion:180 Resp: 153569
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 34.2 17.5 52.6

