

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080251.D
 Acq On : 22 Nov 2023 16:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	292086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	415739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213882	44.348	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.700%		
35) Dibromofluoromethane	8.171	113	159780	46.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	10.571	98	583371	47.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.360%		
62) 4-Bromofluorobenzene	12.853	95	224371	48.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	192936	44.345	ug/l	99
3) Chloromethane	2.359	50	151765	46.396	ug/l	100
4) Vinyl Chloride	2.512	62	169478	48.958	ug/l	98
5) Bromomethane	2.942	94	99611	42.387	ug/l	96
6) Chloroethane	3.112	64	100673	46.888	ug/l	94
7) Trichlorofluoromethane	3.494	101	316356	43.809	ug/l	100
8) Diethyl Ether	3.959	74	101865	48.504	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	152521	46.210	ug/l	98
10) Methyl Iodide	4.589	142	176765	49.555	ug/l	92
11) Tert butyl alcohol	5.524	59	134458	253.523	ug/l	100
12) 1,1-Dichloroethene	4.341	96	146909	47.587	ug/l	86
13) Acrolein	4.177	56	111172	236.859	ug/l	96
14) Allyl chloride	5.030	41	189196	48.711	ug/l	96
15) Acrylonitrile	5.718	53	368302	258.682	ug/l	99
16) Acetone	4.430	43	325533	200.963	ug/l	92
17) Carbon Disulfide	4.712	76	375796	40.768	ug/l	99
18) Methyl Acetate	5.024	43	270864	52.043	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	543754	49.876	ug/l	99
20) Methylene Chloride	5.283	84	169588	49.993	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	156374	46.108	ug/l #	84
22) Diisopropyl ether	6.677	45	446965	52.013	ug/l	97
23) Vinyl Acetate	6.606	43	1309423	253.460	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	295108	47.151	ug/l	96
25) 2-Butanone	7.488	43	453033	235.392	ug/l	91
26) 2,2-Dichloropropane	7.494	77	290594	46.798	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	183557	47.738	ug/l	88
28) Bromochloromethane	7.818	49	121673	49.449	ug/l	94
29) Tetrahydrofuran	7.841	42	277789	268.846	ug/l	90
30) Chloroform	7.965	83	326246	46.636	ug/l	94
31) Cyclohexane	8.259	56	223033	42.524	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	310023	45.443	ug/l	98
36) 1,1-Dichloropropene	8.371	75	232756	46.867	ug/l	94
37) Ethyl Acetate	7.565	43	176378	51.201	ug/l	97
38) Carbon Tetrachloride	8.365	117	275727	43.750	ug/l	97
39) Methylcyclohexane	9.606	83	216382	45.187	ug/l	89
40) Benzene	8.612	78	664282	47.062	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	99796	52.752	ug/l	93
42) 1,2-Dichloroethane	8.671	62	264767	45.849	ug/l	97
43) Isopropyl Acetate	8.694	43	308909	46.081	ug/l	98
44) Trichloroethene	9.353	130	169365	45.743	ug/l	99
45) 1,2-Dichloropropane	9.624	63	165121	50.339	ug/l	97
46) Dibromomethane	9.712	93	117910	47.487	ug/l	91
47) Bromodichloromethane	9.894	83	257306	47.109	ug/l	98
48) Methyl methacrylate	9.682	41	181055	52.410	ug/l	89
49) 1,4-Dioxane	9.694	88	57946	1008.260	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	909816	262.150	ug/l	99
52) Toluene	10.635	92	418583	47.386	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	270769	48.251	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	286128	49.907	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	161131	47.793	ug/l	98
56) Ethyl methacrylate	10.876	69	187703	54.498	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	284731	48.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	551034	283.983	ug/l	96
59) 2-Hexanone	11.200	43	686826	246.279	ug/l	98
60) Dibromochloromethane	11.359	129	195275	48.379	ug/l	98
61) 1,2-Dibromoethane	11.470	107	164589	47.853	ug/l	98
64) Tetrachloroethene	11.106	164	140373	44.243	ug/l	97
65) Chlorobenzene	11.894	112	441832	46.902	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	175258	47.941	ug/l	93
67) Ethyl Benzene	11.965	91	815458	48.646	ug/l	97
68) m/p-Xylenes	12.070	106	600072	98.181	ug/l	89
69) o-Xylene	12.400	106	292974	50.864	ug/l	89
70) Styrene	12.417	104	439109	51.219	ug/l	93
71) Bromoform	12.582	173	133238	49.147	ug/l #	100
73) Isopropylbenzene	12.700	105	767848	49.018	ug/l	98
74) N-amyl acetate	12.494	43	248930	50.959	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	224220	47.825	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	219383m	44.417	ug/l	
77) Bromobenzene	12.982	156	183551	46.476	ug/l	99
78) n-propylbenzene	13.041	91	854520	48.784	ug/l	98
79) 2-Chlorotoluene	13.129	91	544824	47.889	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	656295	48.130	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	73939	50.578	ug/l	90
82) 4-Chlorotoluene	13.223	91	549527	47.150	ug/l	97
83) tert-Butylbenzene	13.441	119	541056	49.479	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	650550	48.451	ug/l	98
85) sec-Butylbenzene	13.617	105	670531	48.473	ug/l	100
86) p-Isopropyltoluene	13.735	119	611295	49.469	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	316627	44.499	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	319553	44.688	ug/l	98
89) n-Butylbenzene	14.059	91	504339	48.762	ug/l	100
90) Hexachloroethane	14.335	117	107723	44.716	ug/l	70
91) 1,2-Dichlorobenzene	14.111	146	316388	46.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52554	48.260	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	180264	45.519	ug/l	98
94) Hexachlorobutadiene	15.505	225	94320	41.387	ug/l	99
95) Naphthalene	15.647	128	542347	47.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	173140	46.644	ug/l	98

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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

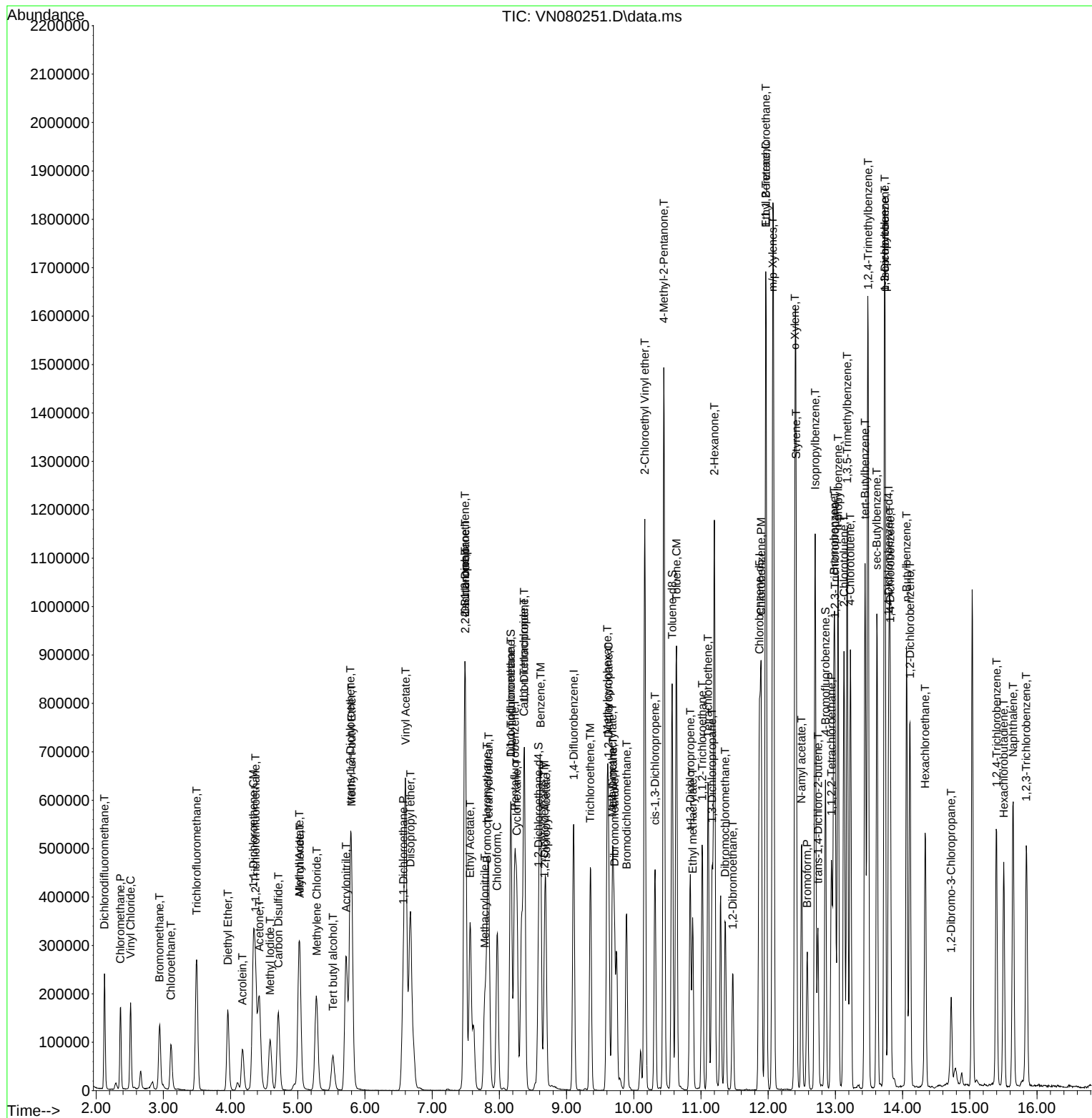
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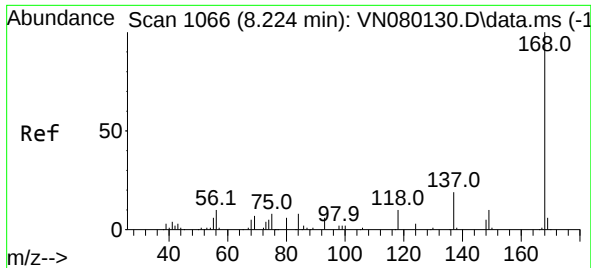
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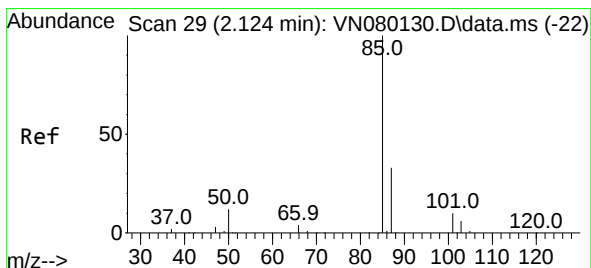
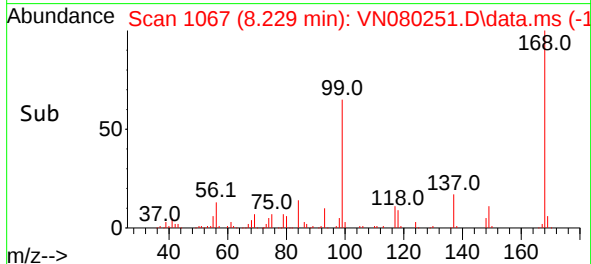
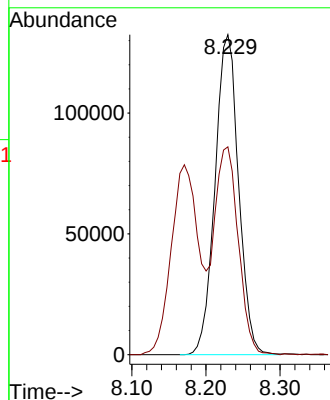
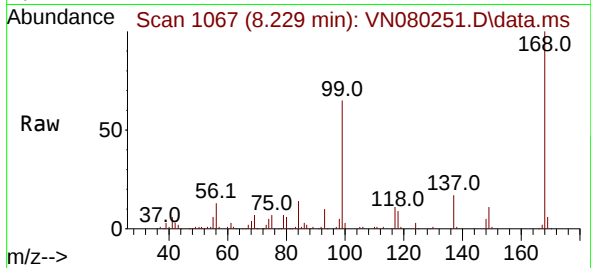
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080251.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 292080
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6

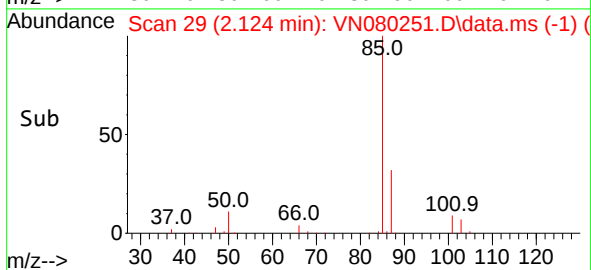
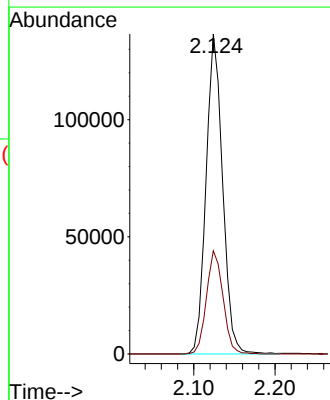
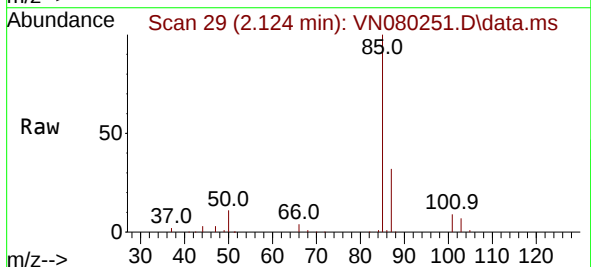
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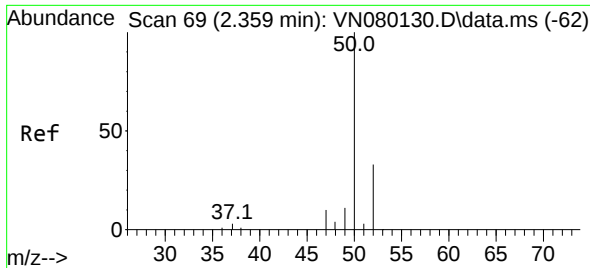
Reviewed By :John Carlone 11/24/2023
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#2
Dichlorodifluoromethane
Concen: 44.345 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

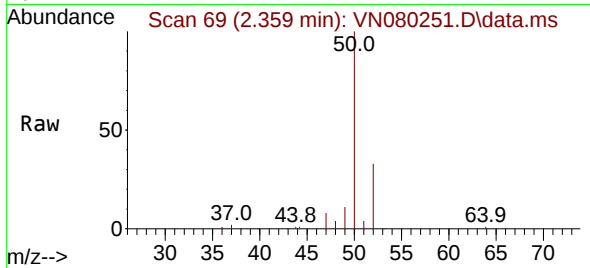
Tgt Ion: 85 Resp: 192936
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 46.396 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

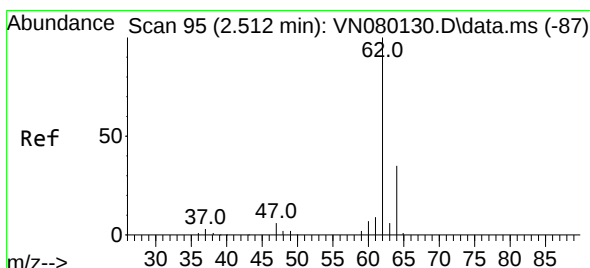
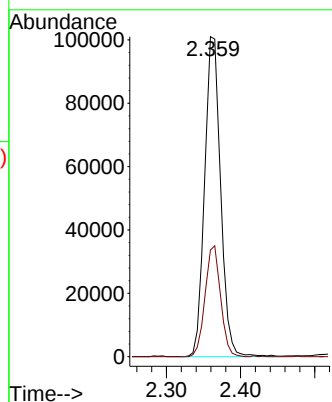
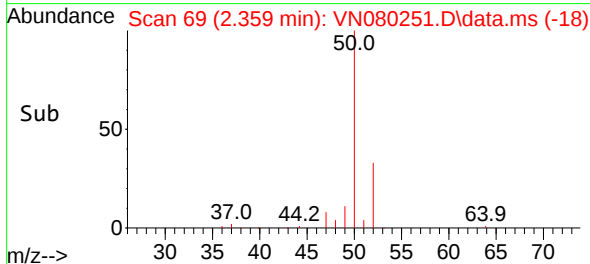
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 15176
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

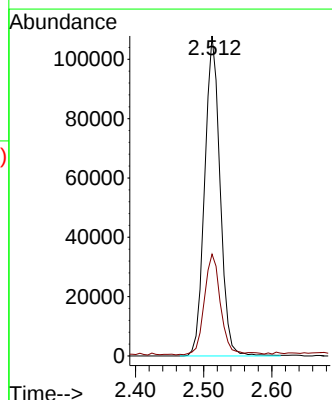
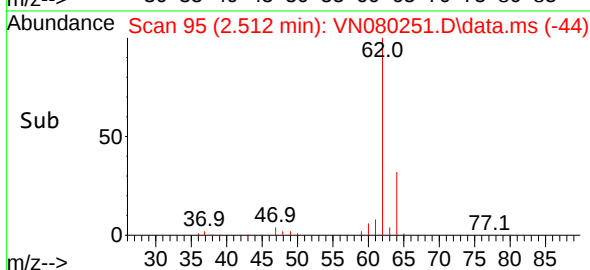
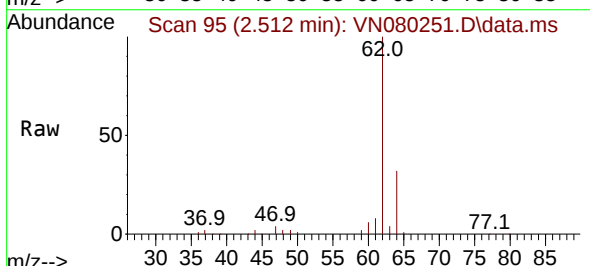
Manual Integrations
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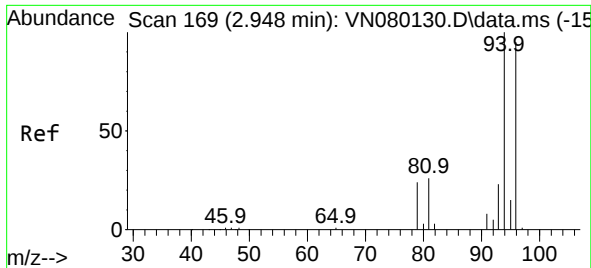
Reviewed By :John Carlone 11/24/2023
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#4
Vinyl Chloride
Concen: 48.958 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion: 62 Resp: 169478
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2





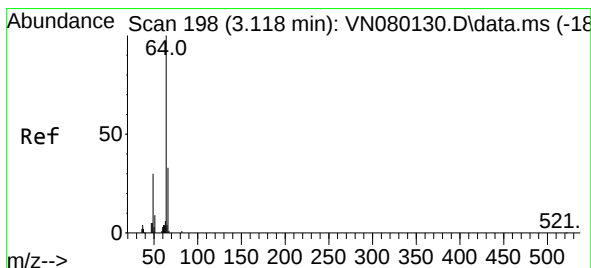
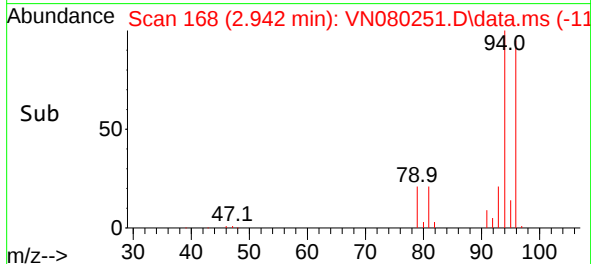
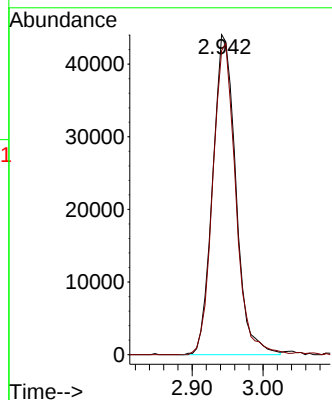
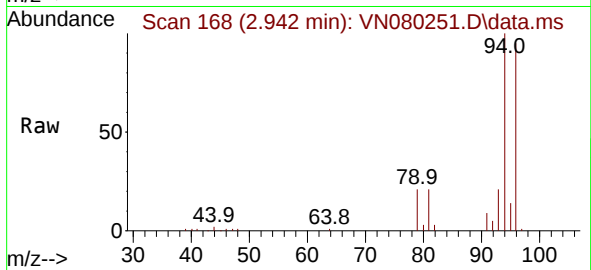
#5
Bromomethane
Concen: 42.387 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080251.D
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Tgt Ion: 94 Resp: 9961
Ion Ratio Lower Upper
94 100
96 95.0 73.1 109.7

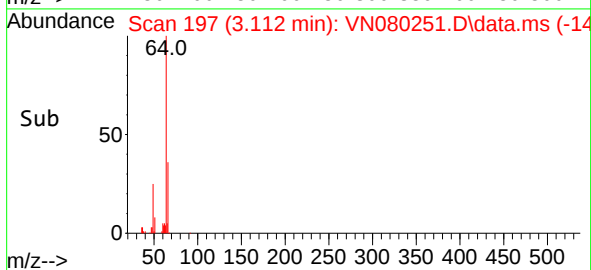
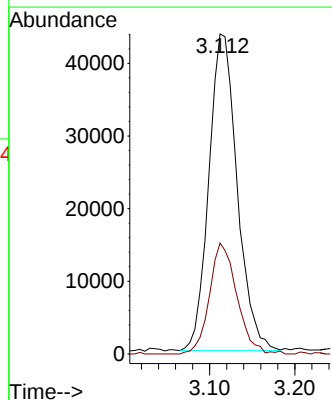
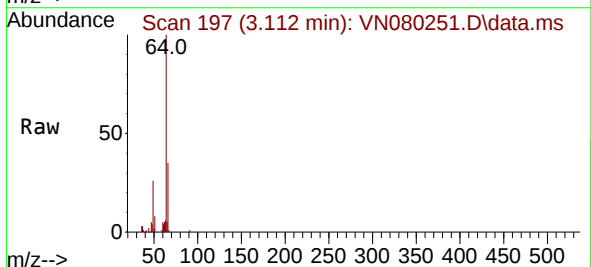
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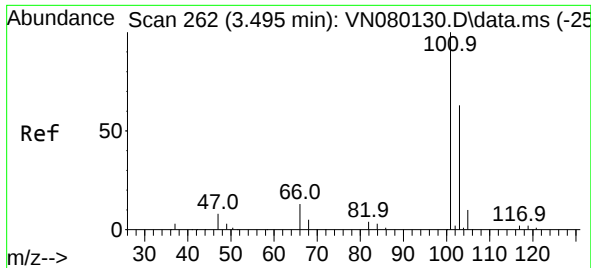
Reviewed By :John Carlone 11/24/2023
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#6
Chloroethane
Concen: 46.888 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

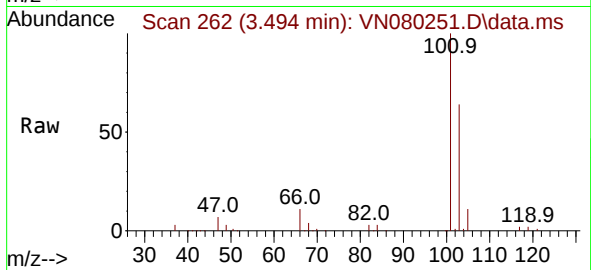
Tgt Ion: 64 Resp: 100673
Ion Ratio Lower Upper
64 100
66 35.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 43.809 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

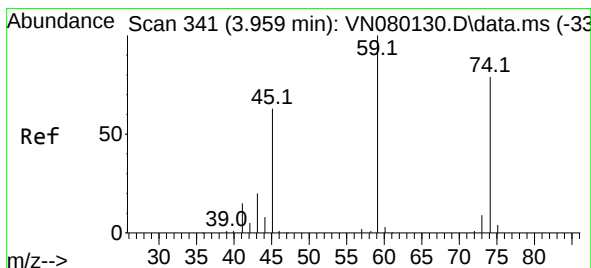
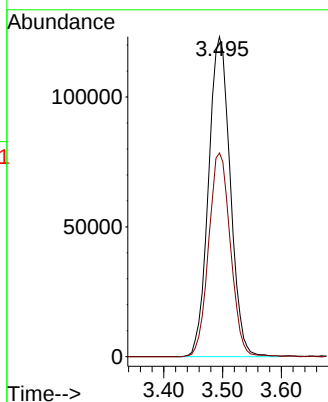
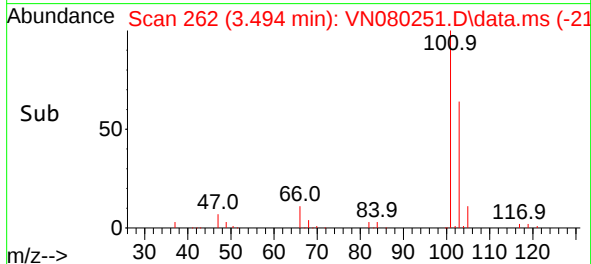
Instrument :
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Tgt Ion:101 Resp: 316350
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1

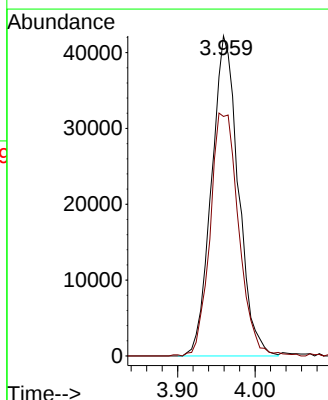
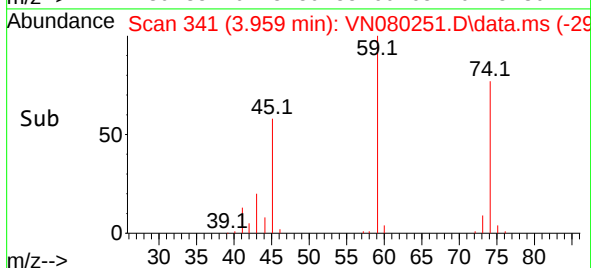
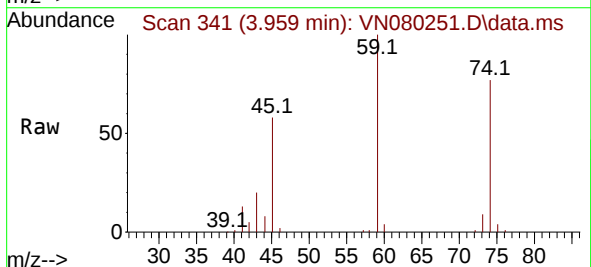
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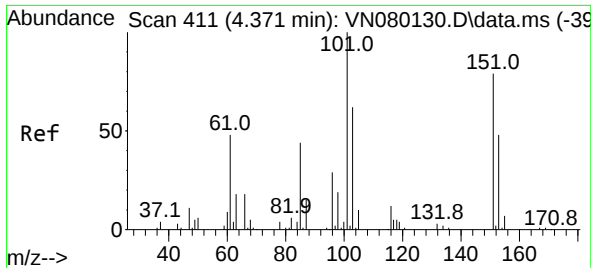
Reviewed By :John Carlone 11/24/2023
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#8
 Diethyl Ether
 Concen: 48.504 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

Tgt Ion: 74 Resp: 101865
 Ion Ratio Lower Upper
 74 100
 45 80.5 34.4 103.3





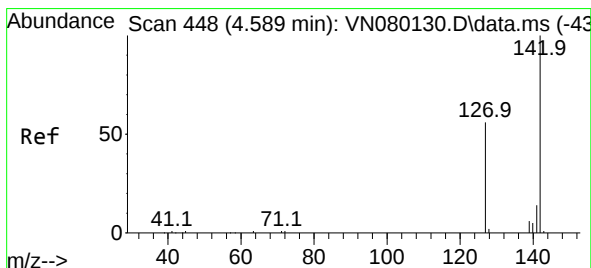
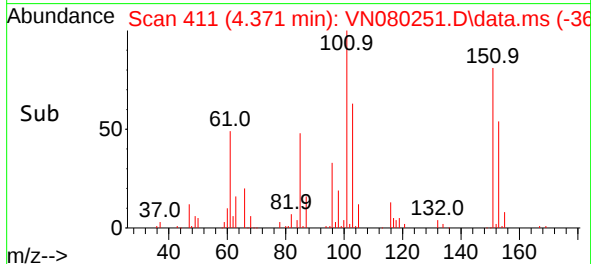
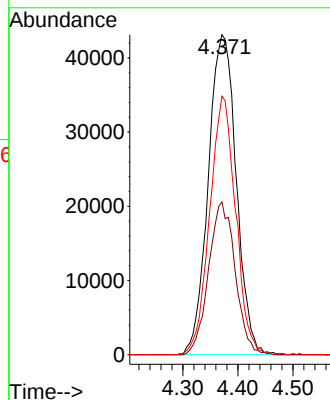
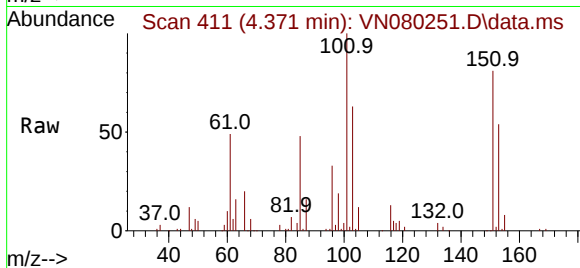
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.210 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15252
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 74.9 57.6 86.4

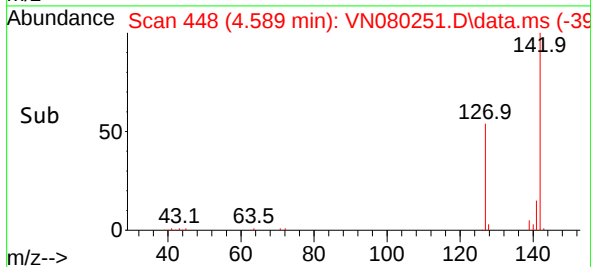
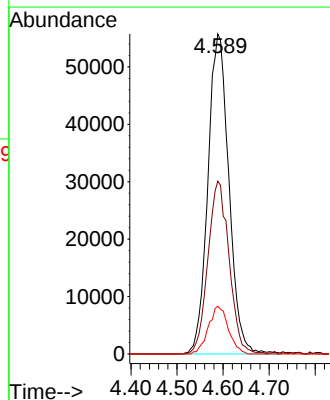
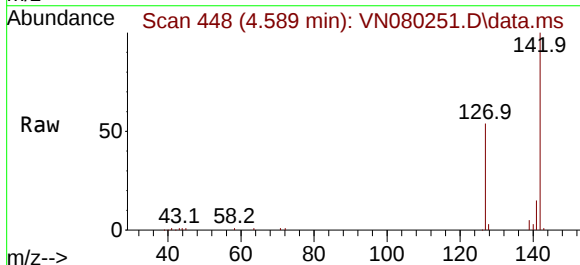
Manual Integrations
APPROVED

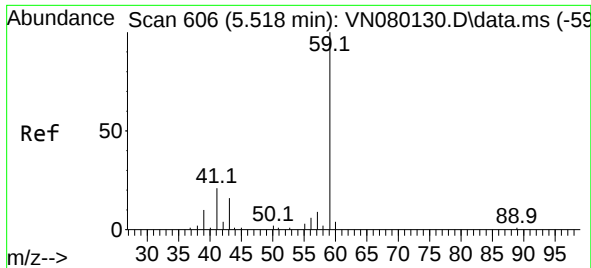
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#10
Methyl Iodide
Concen: 49.555 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

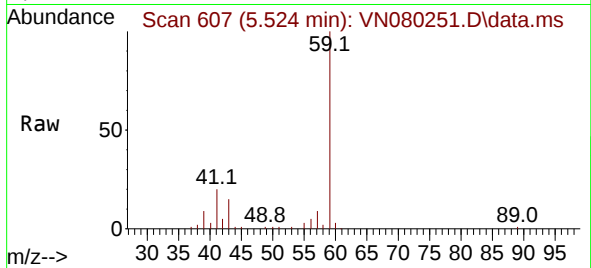
Tgt Ion:142 Resp: 176765
Ion Ratio Lower Upper
142 100
127 54.0 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 253.523 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

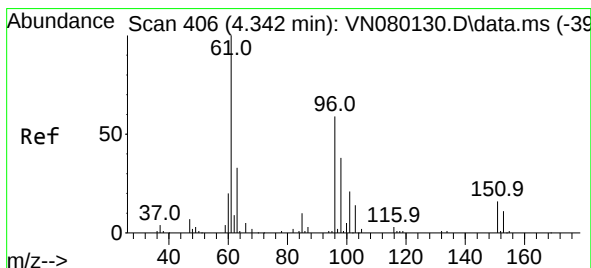
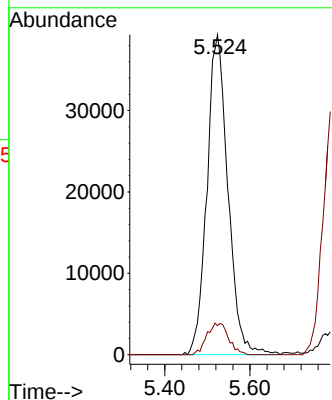
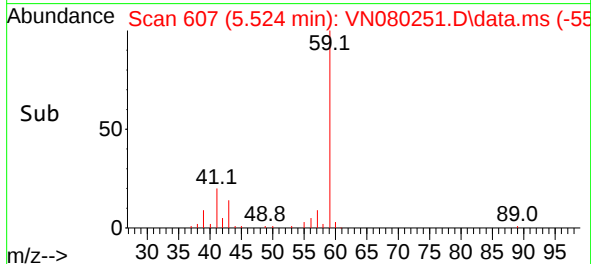
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



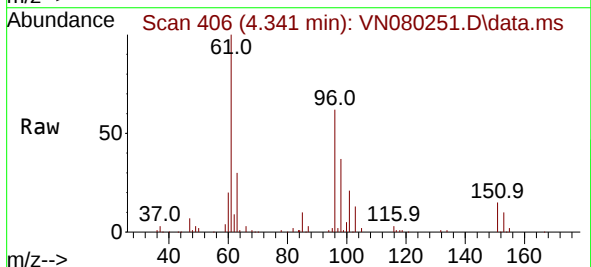
Tgt Ion: 59 Resp: 134458
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

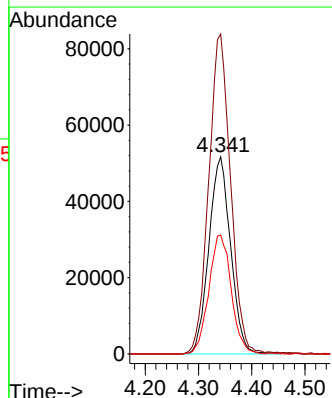
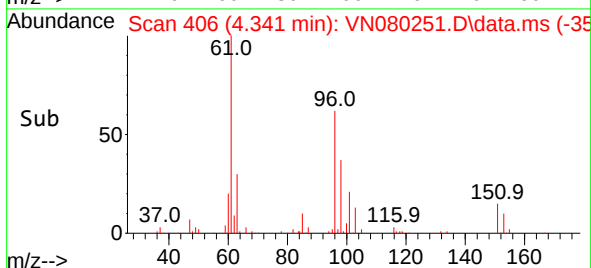
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

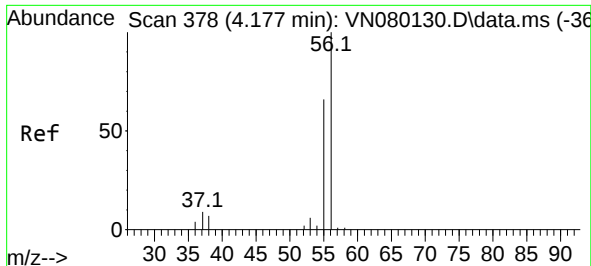


#12
1,1-Dichloroethene
Concen: 47.587 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



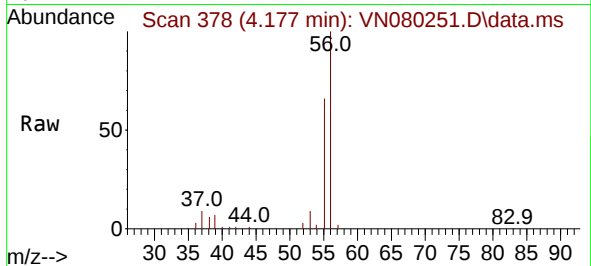
Tgt Ion: 96 Resp: 146909
Ion Ratio Lower Upper
96 100
61 162.3 112.7 169.1
98 60.3 51.2 76.8





#13
Acrolein
Concen: 236.859 ug/l
RT: 4.177 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

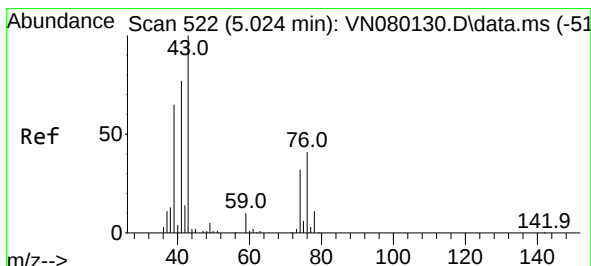
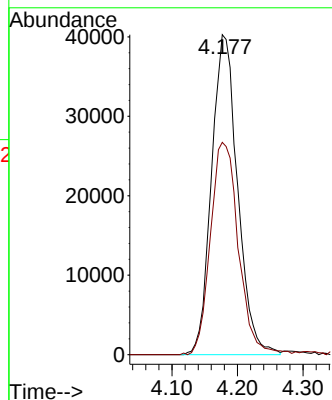
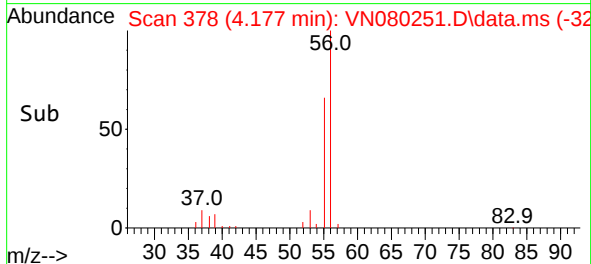
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 111172
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

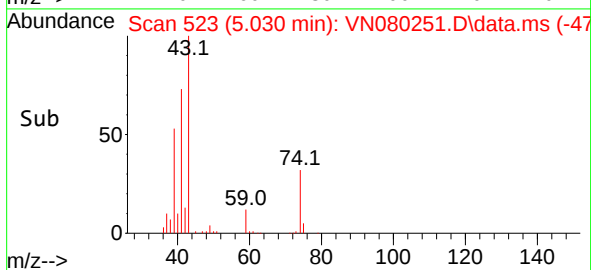
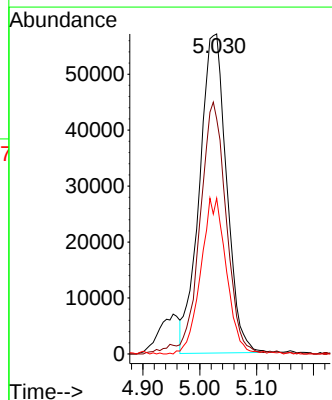
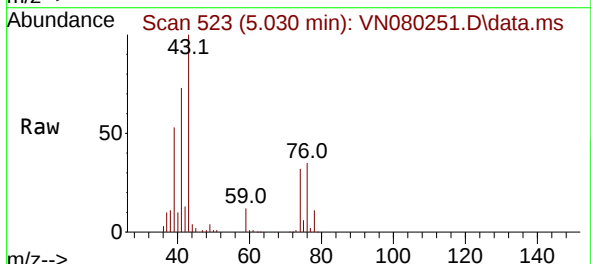
Manual Integrations
APPROVED

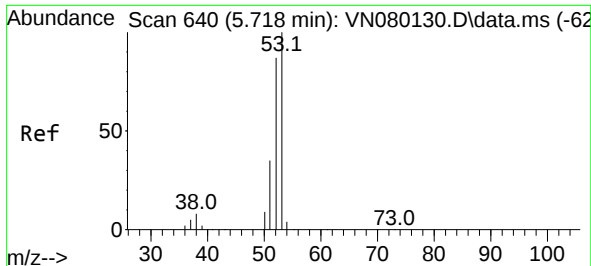
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#14
Allyl chloride
Concen: 48.711 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

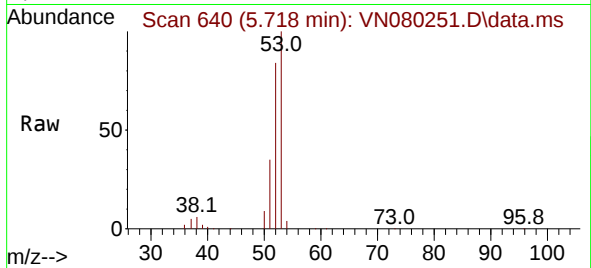
Tgt Ion: 41 Resp: 189196
Ion Ratio Lower Upper
41 100
39 76.9 58.8 88.2
76 46.1 39.1 58.7





#15
Acrylonitrile
Concen: 258.682 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

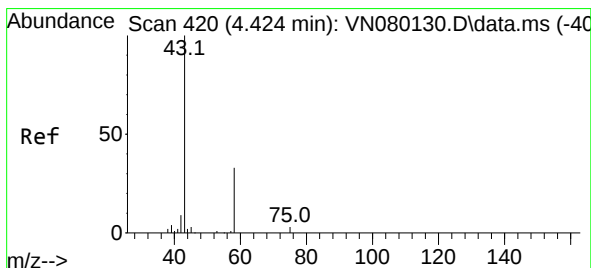
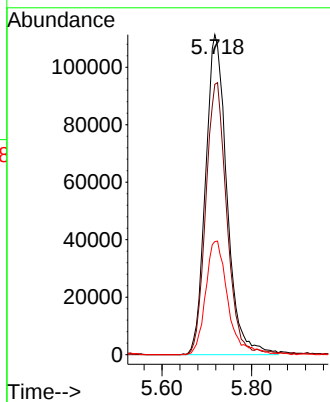
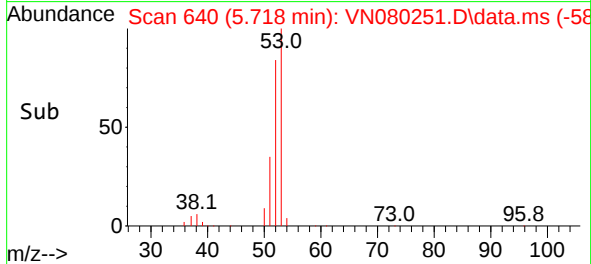
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 368302
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 37.0 28.9 43.3

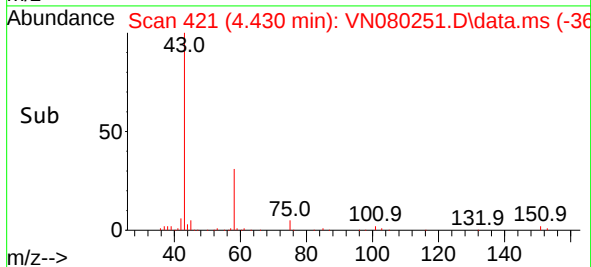
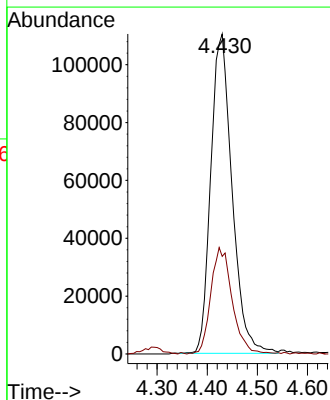
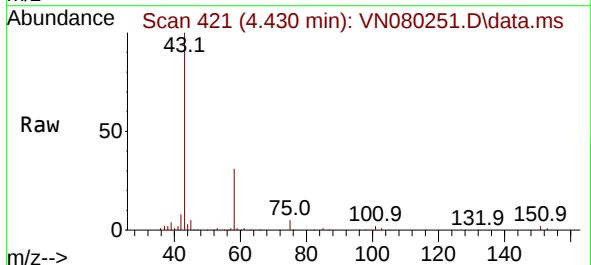
Manual Integrations
APPROVED

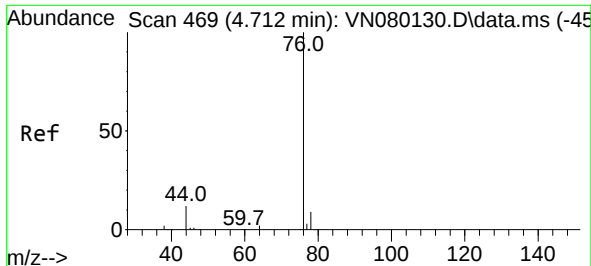
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#16
Acetone
Concen: 200.963 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

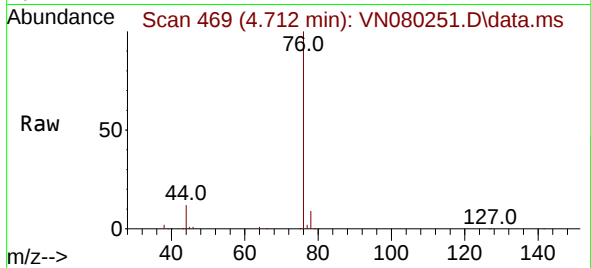
Tgt Ion: 43 Resp: 325533
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0





#17
Carbon Disulfide
Concen: 40.768 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

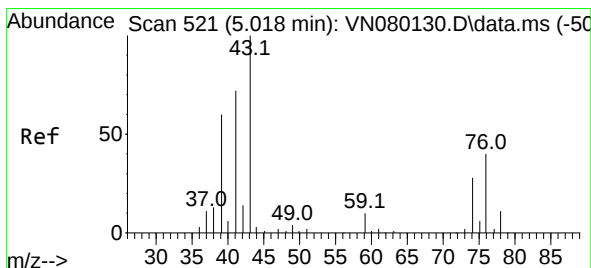
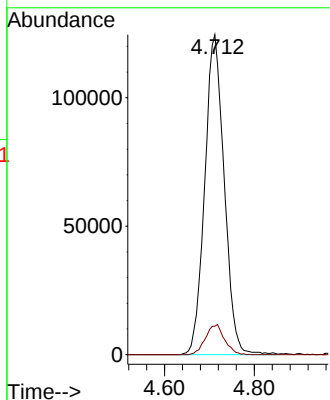
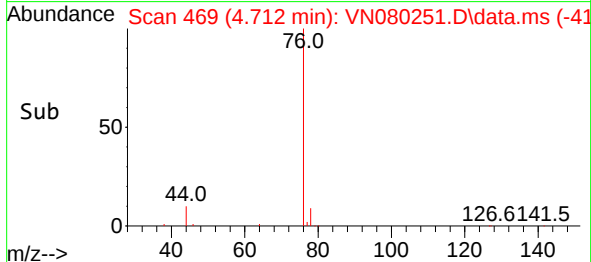
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 375790
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

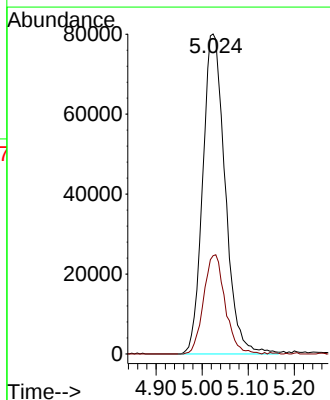
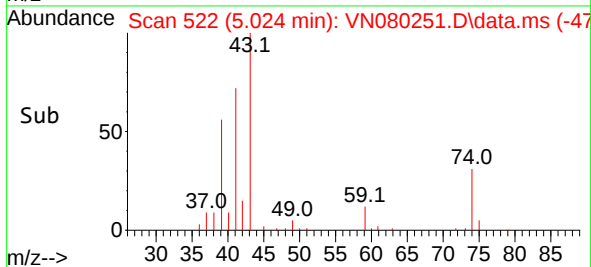
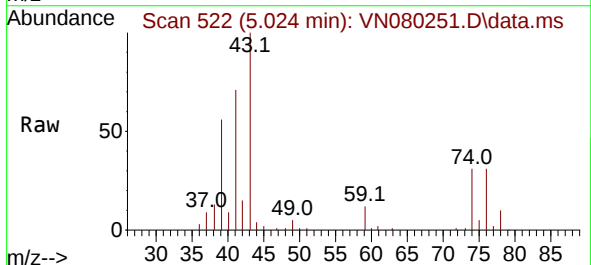
Manual Integrations
APPROVED

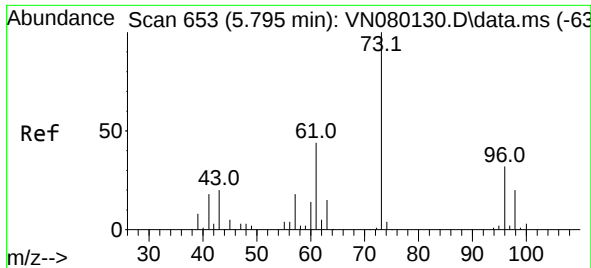
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#18
Methyl Acetate
Concen: 52.043 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion: 43 Resp: 270864
Ion Ratio Lower Upper
43 100
74 29.8 26.2 39.4





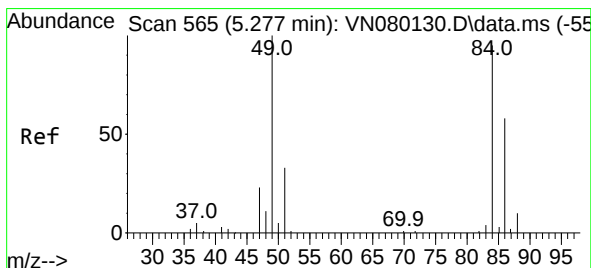
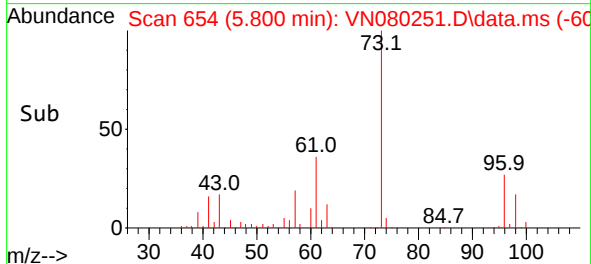
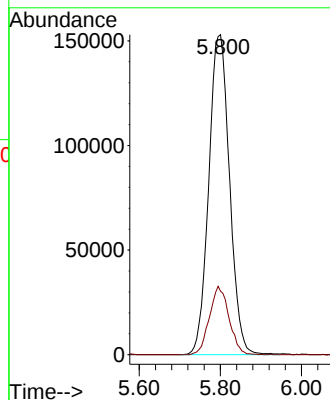
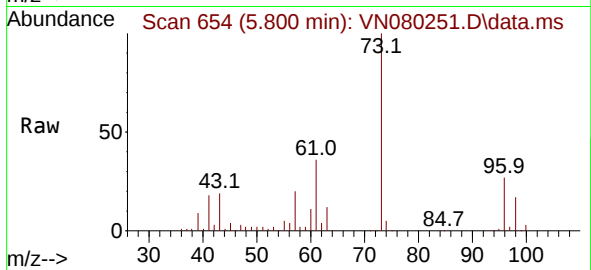
#19
Methyl tert-butyl Ether
Concen: 49.876 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 543754
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

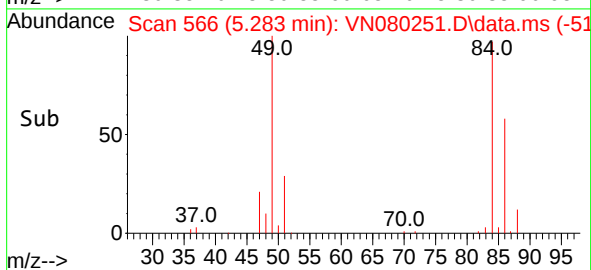
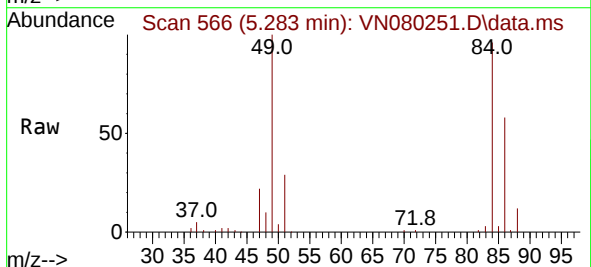
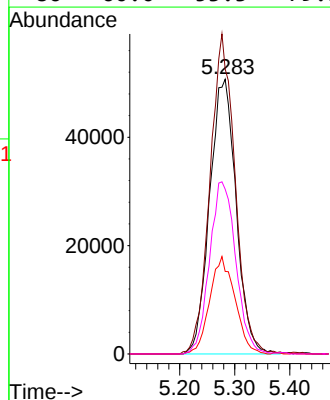
Manual Integrations
APPROVED

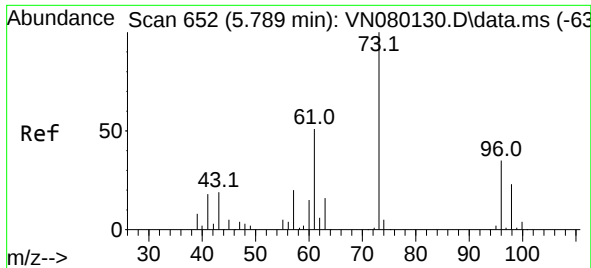
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#20
Methylene Chloride
Concen: 49.993 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

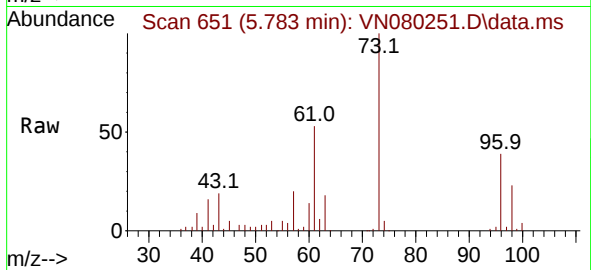
Tgt Ion: 84 Resp: 169588
Ion Ratio Lower Upper
84 100
49 103.7 79.7 119.5
51 30.0 25.2 37.8
86 60.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.108 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

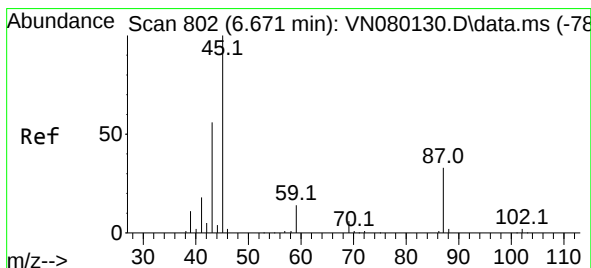
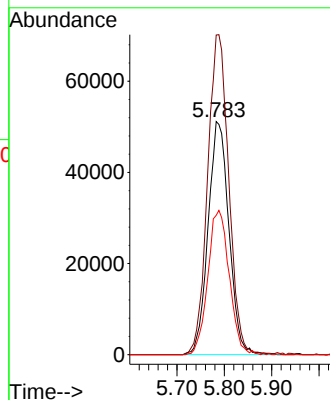
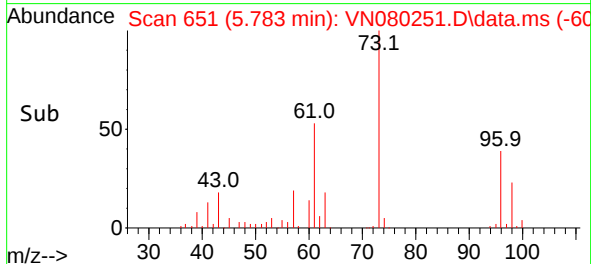
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 156374
Ion Ratio Lower Upper
96 100
61 137.1 90.1 135.1
98 59.8 46.4 69.6

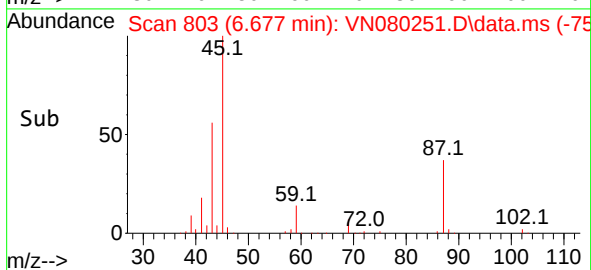
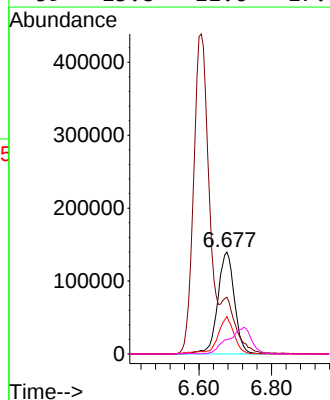
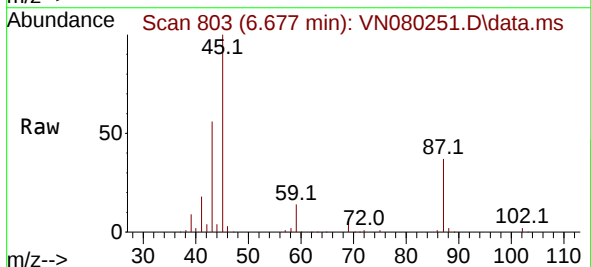
Manual Integrations
APPROVED

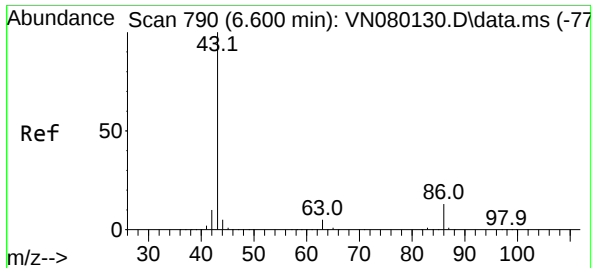
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#22
Diisopropyl ether
Concen: 52.013 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion: 45 Resp: 446965
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 36.8 31.8 47.8
59 13.8 11.6 17.4





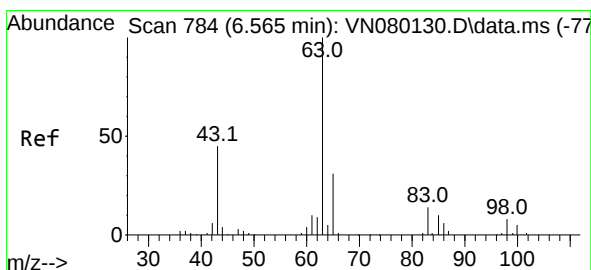
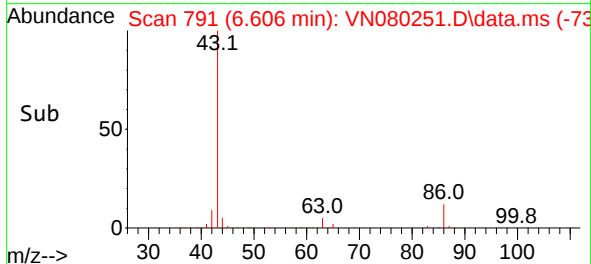
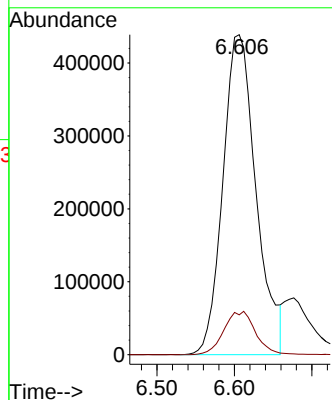
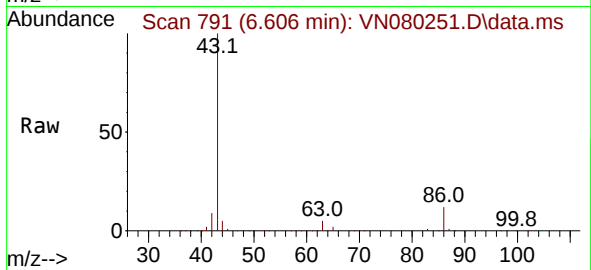
#23
 Vinyl Acetate
 Concen: 253.460 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 130942
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

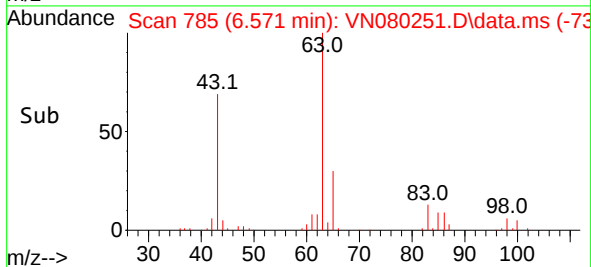
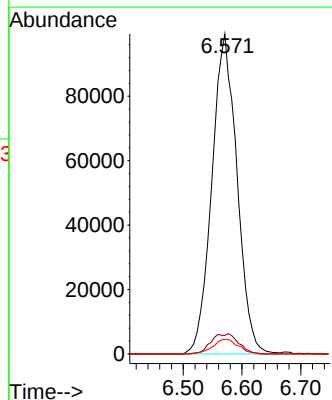
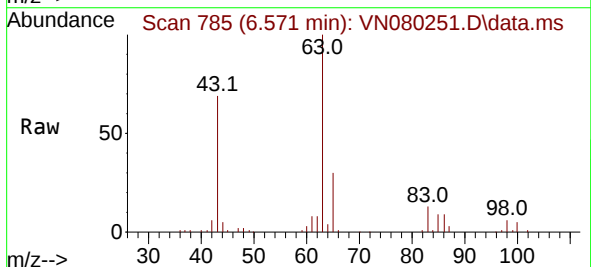
Manual Integrations
 APPROVED

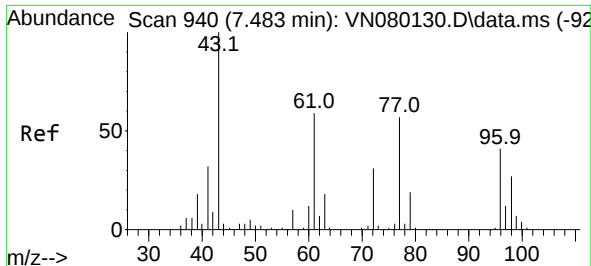
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#24
 1,1-Dichloroethane
 Concen: 47.151 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

Tgt Ion: 63 Resp: 295108
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 4.6 2.5 7.4





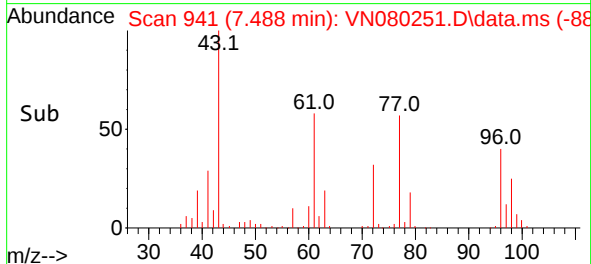
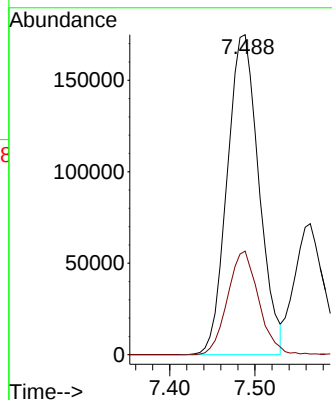
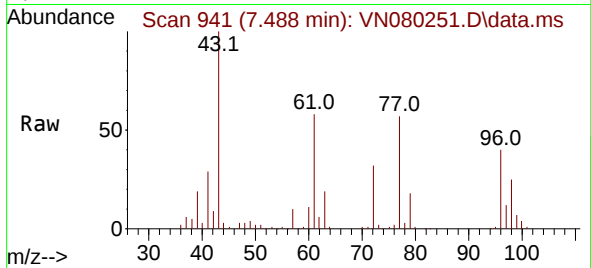
#25
2-Butanone
Concen: 235.392 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45303
Ion Ratio Lower Upper
43 100
72 32.3 30.2 45.2

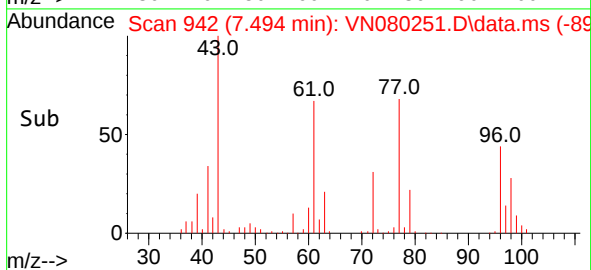
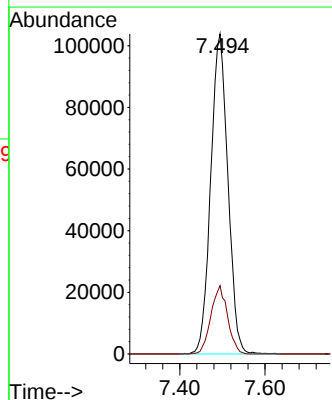
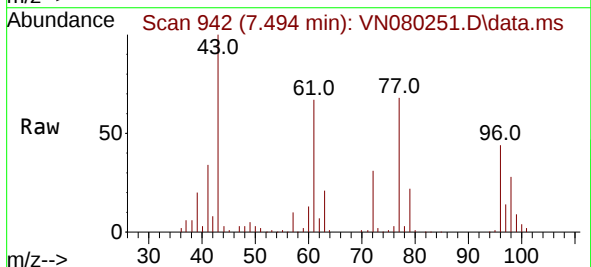
Manual Integrations
APPROVED

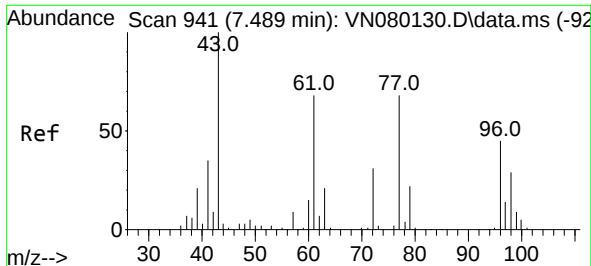
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#26
2,2-Dichloropropane
Concen: 46.798 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

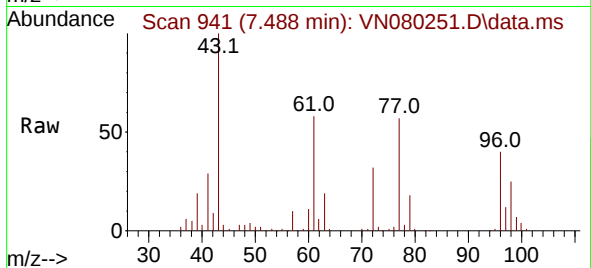
Tgt Ion: 77 Resp: 290594
Ion Ratio Lower Upper
77 100
97 20.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.738 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

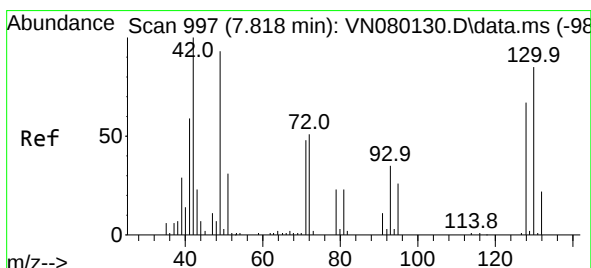
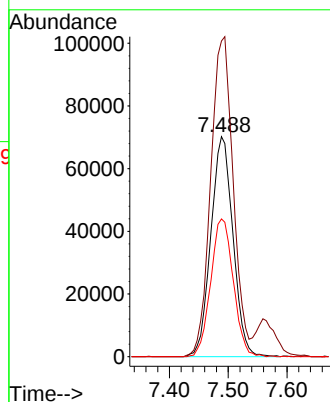
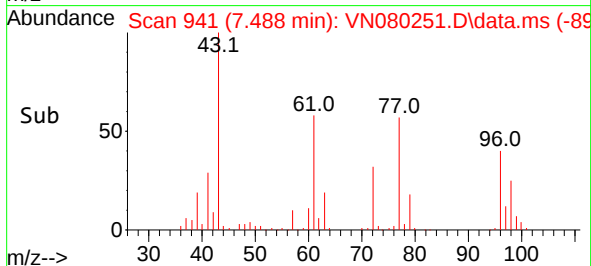
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 18355
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 255.2
 98 63.9 0.0 128.8

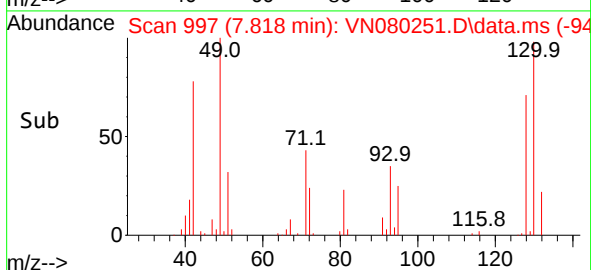
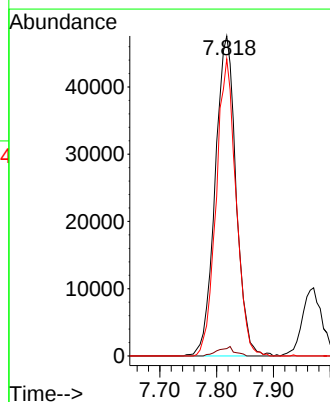
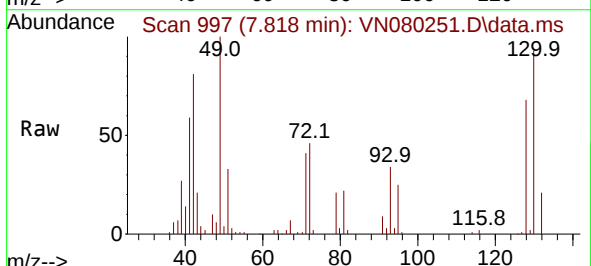
Manual Integrations
 APPROVED

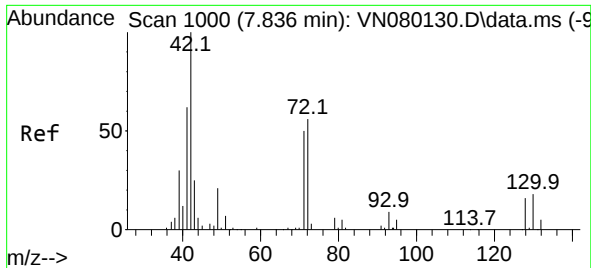
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#28
 Bromochloromethane
 Concen: 49.449 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

Tgt Ion: 49 Resp: 121673
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 88.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 268.846 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

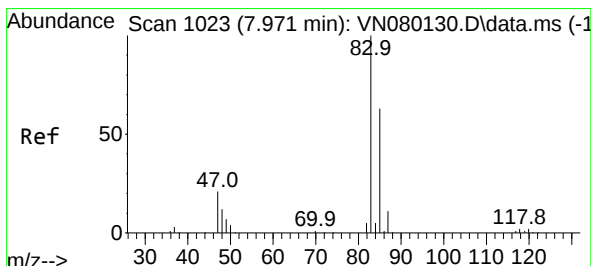
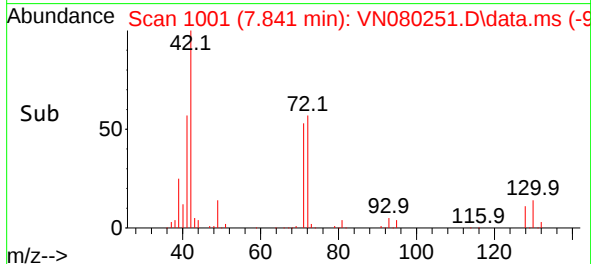
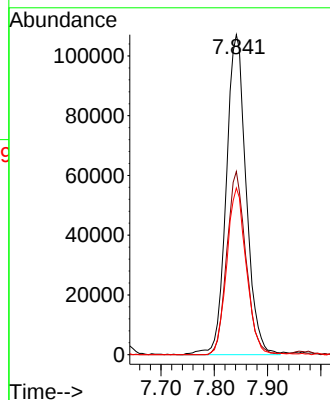
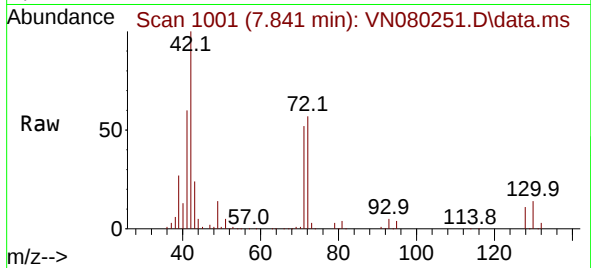
Tgt Ion: 42 Resp: 277789
 Ion Ratio Lower Upper
 42 100
 72 55.2 49.8 74.6
 71 51.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#30

Chloroform

Concen: 46.636 ug/l

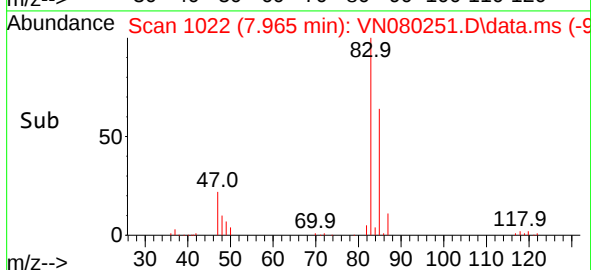
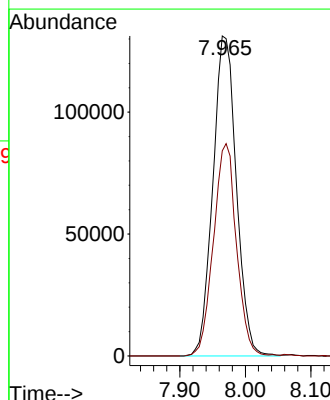
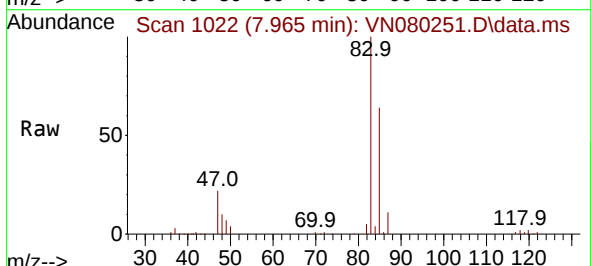
RT: 7.965 min Scan# 1022

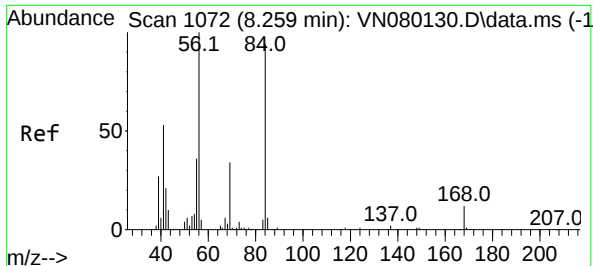
Delta R.T. -0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

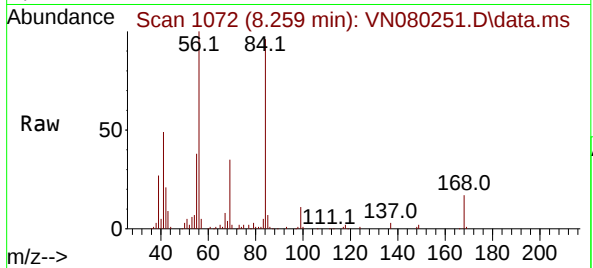
Tgt Ion: 83 Resp: 326246
 Ion Ratio Lower Upper
 83 100
 85 64.1 55.4 83.0





#31
Cyclohexane
Concen: 42.524 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

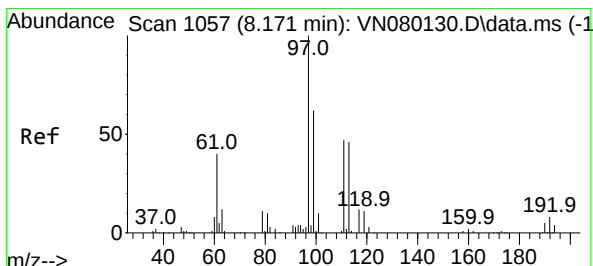
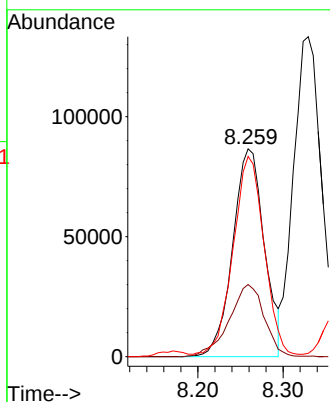
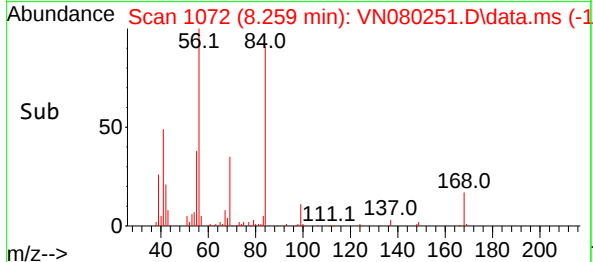
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 223033
Ion Ratio Lower Upper
56 100
69 34.7 26.8 40.2
84 93.9 81.8 122.6

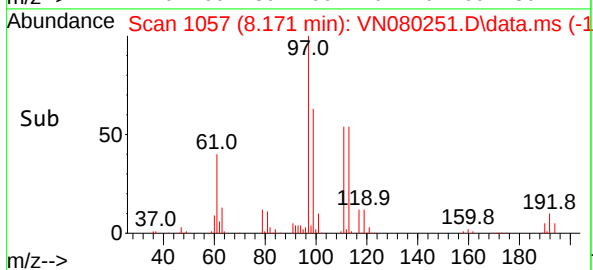
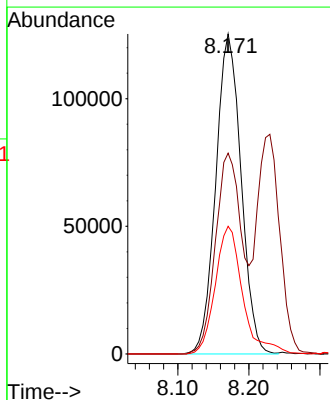
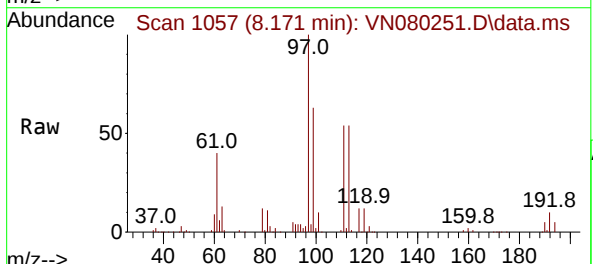
Manual Integrations
APPROVED

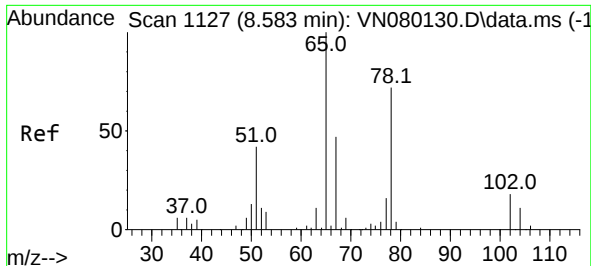
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#32
1,1,1-Trichloroethane
Concen: 45.443 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion: 97 Resp: 310023
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 43.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 44.348 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

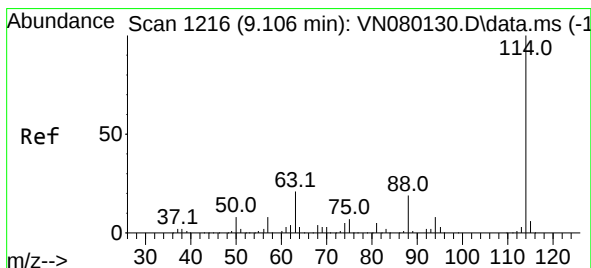
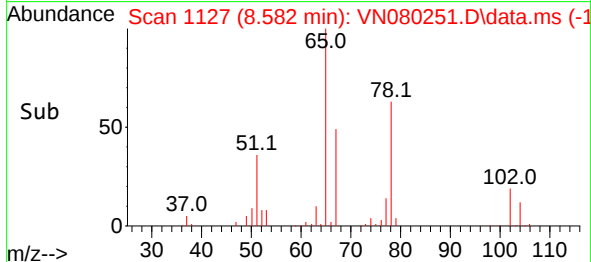
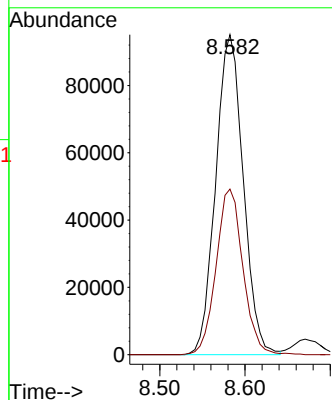
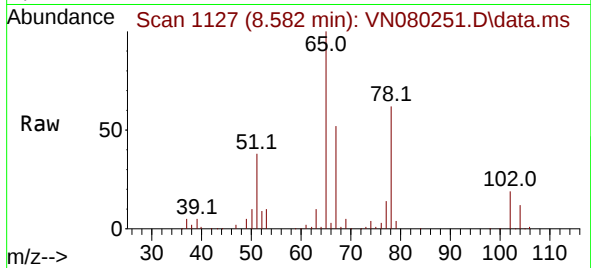
VSTDCCC050EC

Tgt Ion: 65 Resp: 21388
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.6

Manual Integrations

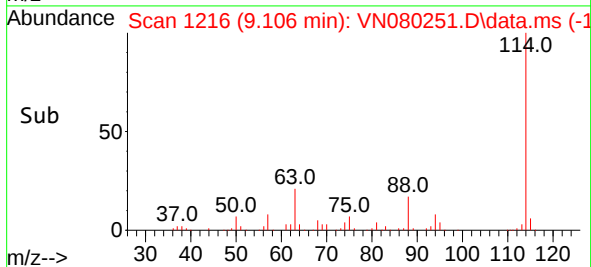
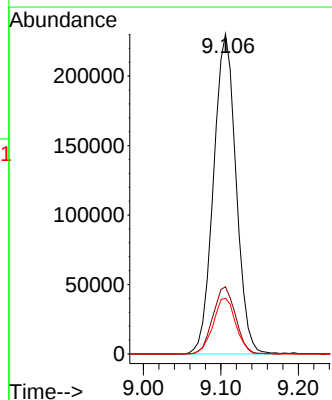
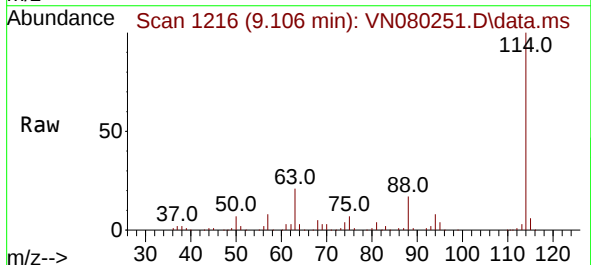
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion:114 Resp: 464887
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 17.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.580 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 159780

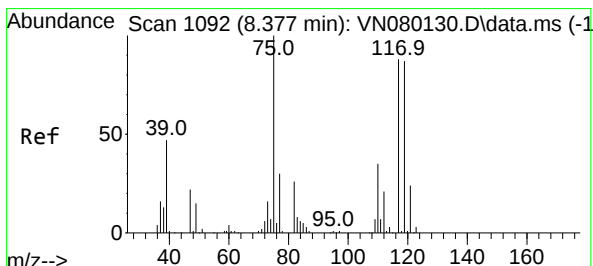
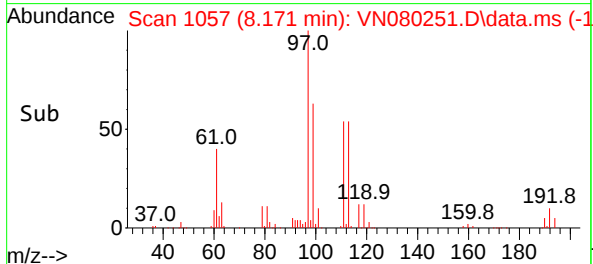
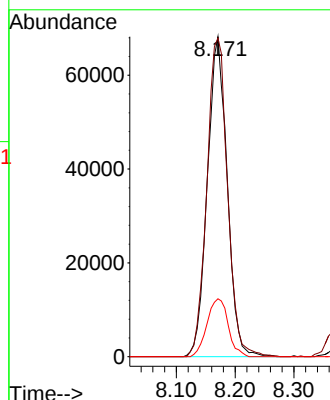
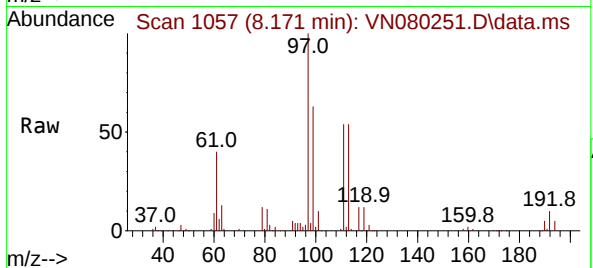
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	19.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#36

1,1-Dichloropropene

Concen: 46.867 ug/l

RT: 8.371 min Scan# 1091

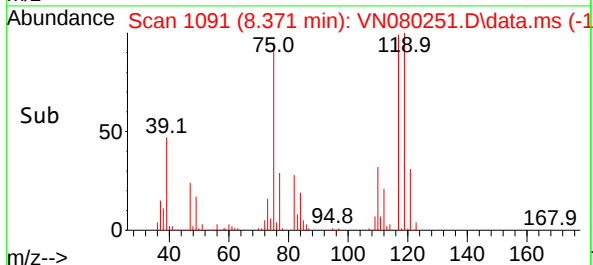
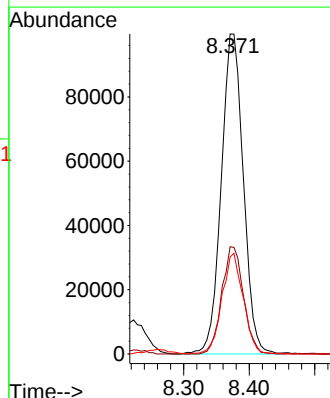
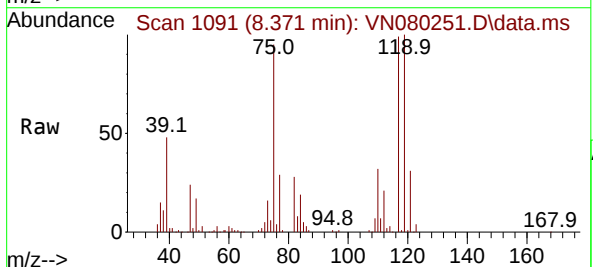
Delta R.T. -0.006 min

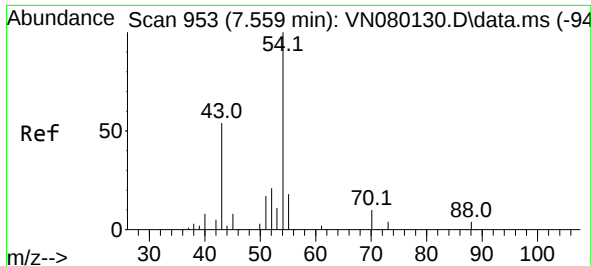
Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Tgt Ion: 75 Resp: 232756

Ion	Ratio	Lower	Upper
75	100		
110	32.8	19.1	57.3
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 51.201 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 176378

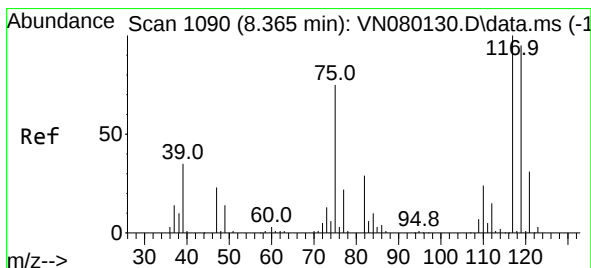
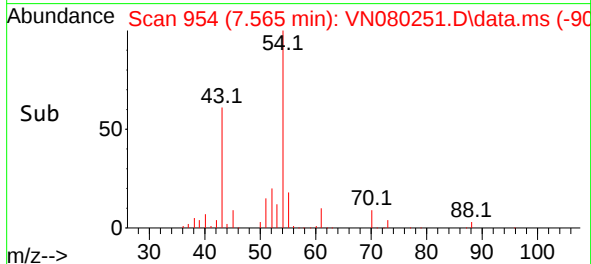
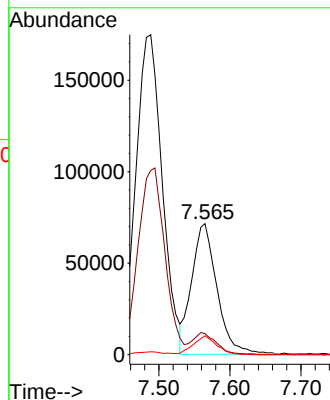
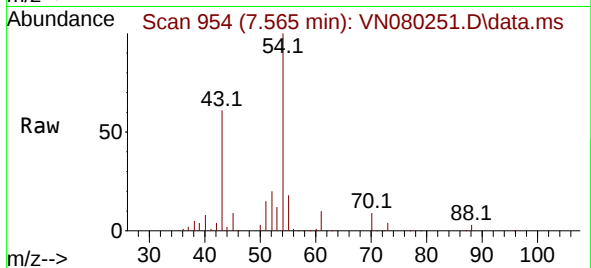
Ion	Ratio	Lower	Upper
43	100		
61	15.2	13.2	19.8
70	13.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#38

Carbon Tetrachloride

Concen: 43.750 ug/l

RT: 8.365 min Scan# 1090

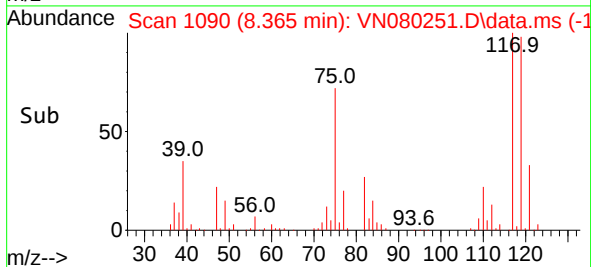
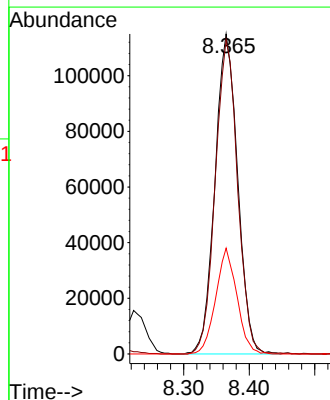
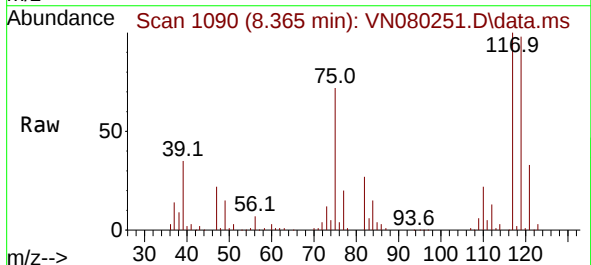
Delta R.T. -0.000 min

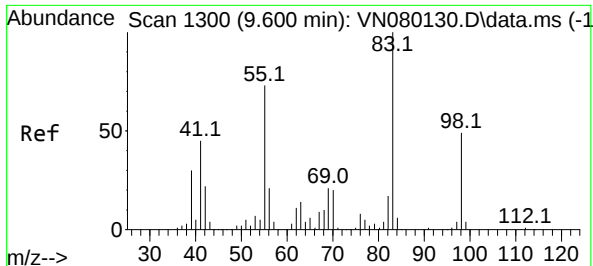
Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Tgt Ion:117 Resp: 275727

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.3	115.9
121	33.1	23.3	34.9





#39

Methylcyclohexane

Concen: 45.187 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21638

Ion Ratio Lower Upper

83 100

55 72.4 49.1 73.7

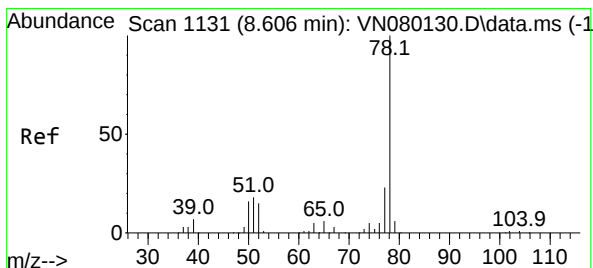
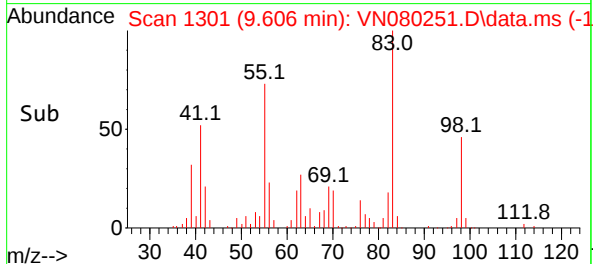
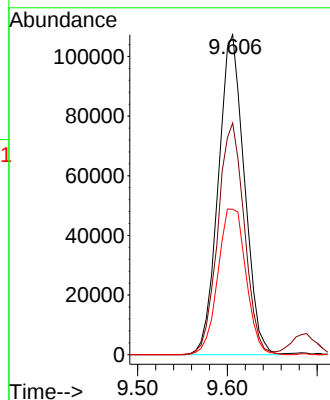
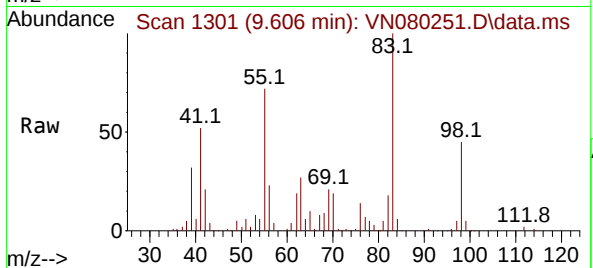
98 45.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#40

Benzene

Concen: 47.062 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080251.D

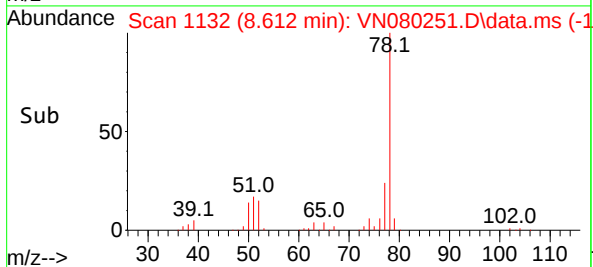
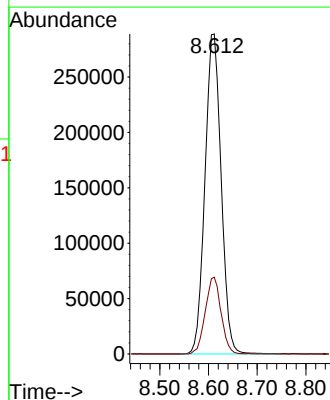
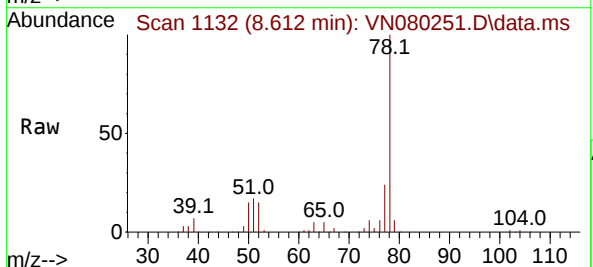
Acq: 22 Nov 2023 16:42

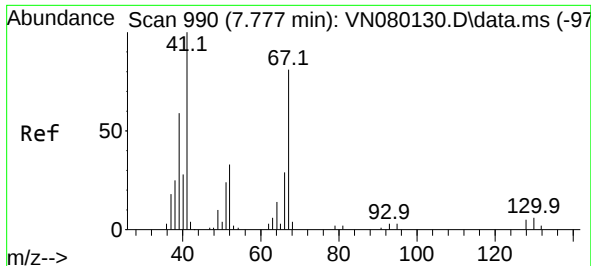
Tgt Ion: 78 Resp: 664282

Ion Ratio Lower Upper

78 100

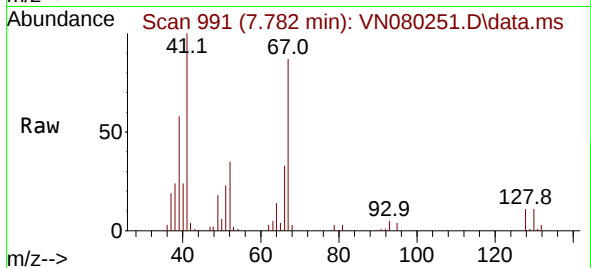
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 52.752 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

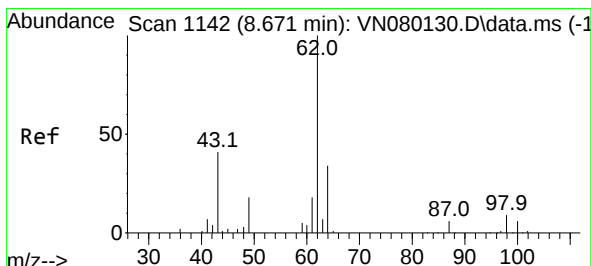
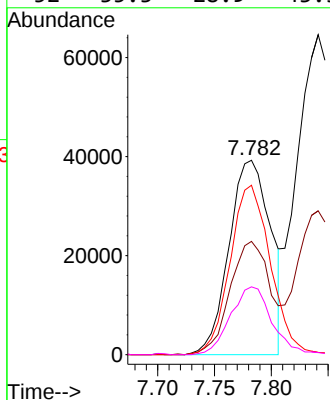
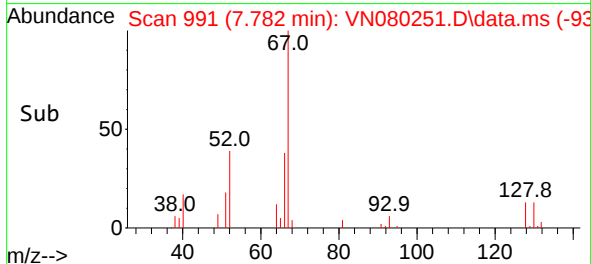
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 99790
Ion Ratio Lower Upper
41 100
39 55.6 42.6 64.0
67 85.3 77.5 116.3
52 35.3 28.9 43.3

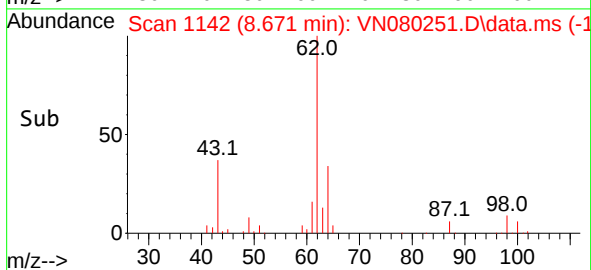
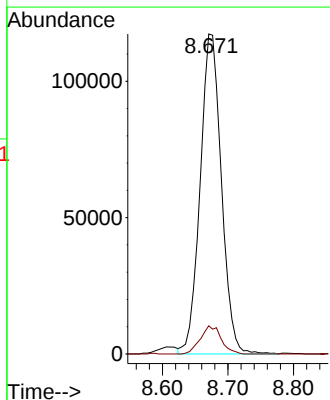
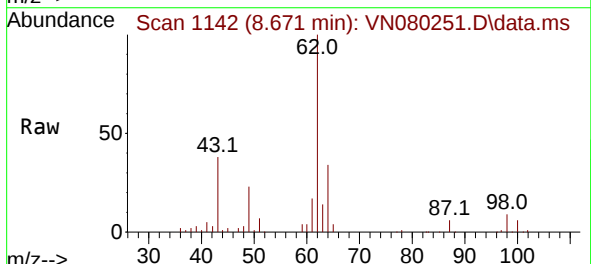
Manual Integrations
APPROVED

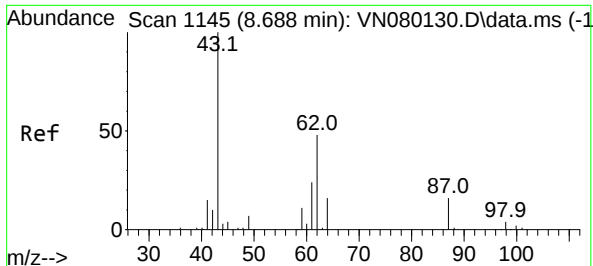
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#42
1,2-Dichloroethane
Concen: 45.849 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

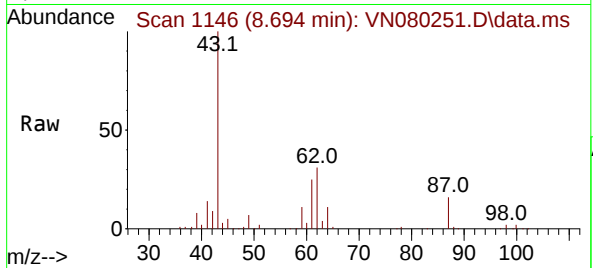
Tgt Ion: 62 Resp: 264767
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 46.081 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

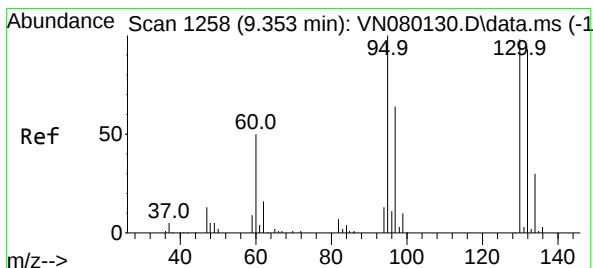
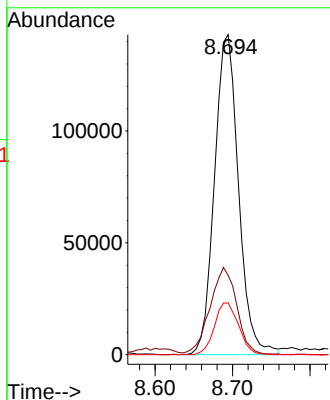
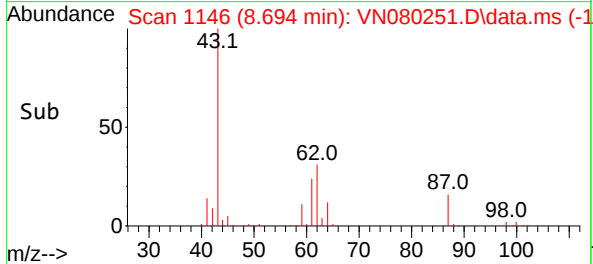
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



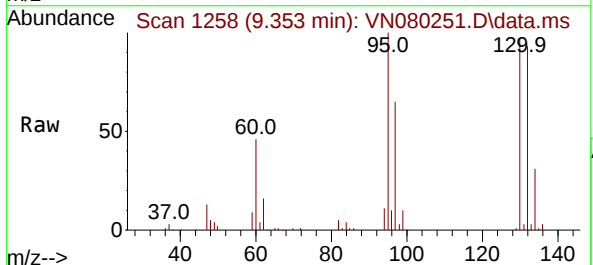
Tgt Ion: 43 Resp: 308909
Ion Ratio Lower Upper
43 100
61 30.5 24.7 37.1
87 16.3 14.6 21.8

Manual Integrations
APPROVED

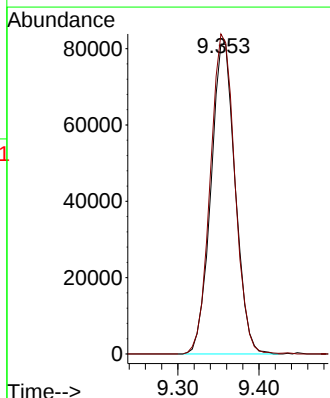
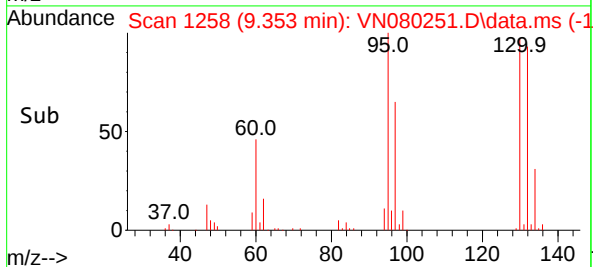
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

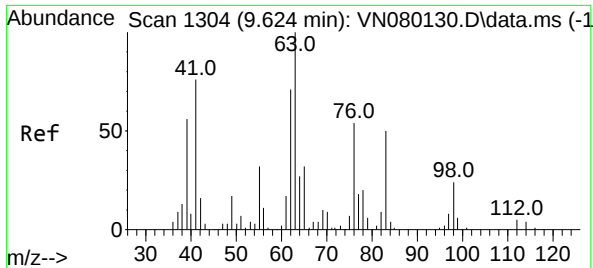


#44
Trichloroethene
Concen: 45.743 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



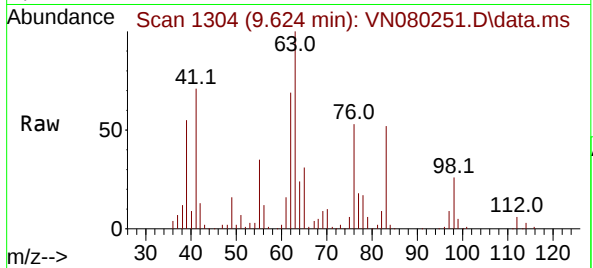
Tgt Ion:130 Resp: 169365
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.6





#45
1,2-Dichloropropane
Concen: 50.339 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

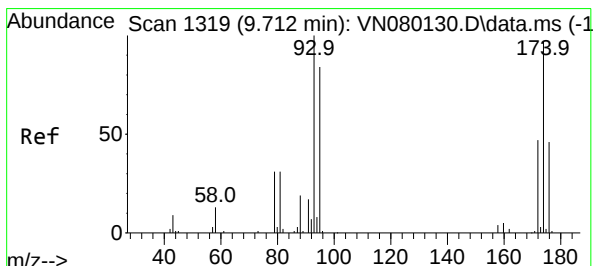
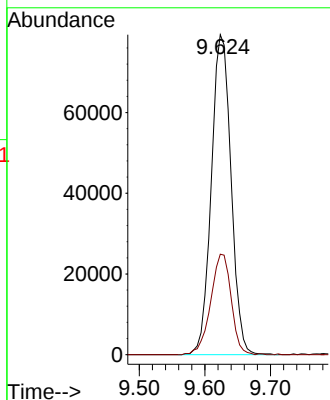
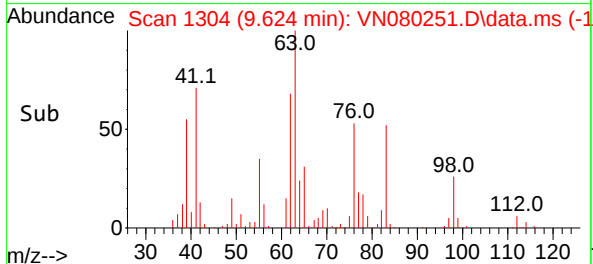
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



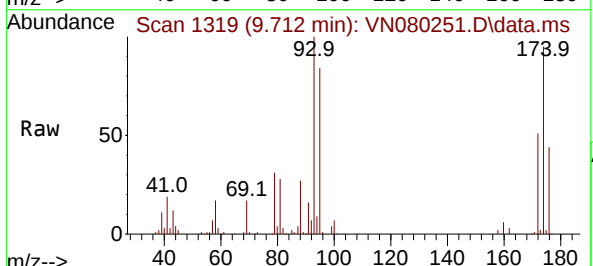
Tgt Ion: 63 Resp: 16512
Ion Ratio Lower Upper
63 100
65 31.4 23.9 35.9

Manual Integrations
APPROVED

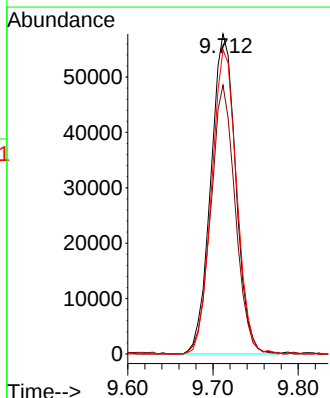
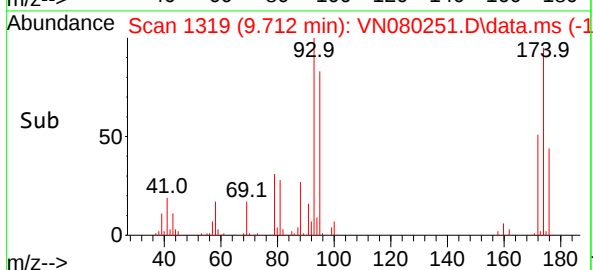
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

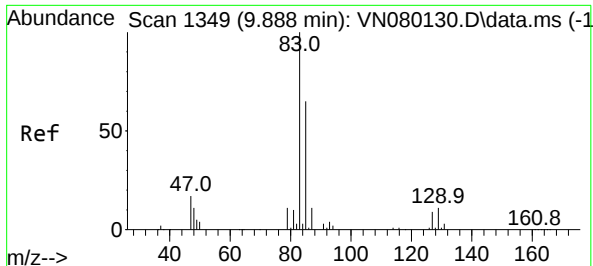


#46
Dibromomethane
Concen: 47.487 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



Tgt Ion: 93 Resp: 117910
Ion Ratio Lower Upper
93 100
95 82.1 63.8 95.8
174 94.8 65.6 98.4





#47

Bromodichloromethane

Concen: 47.109 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 257300

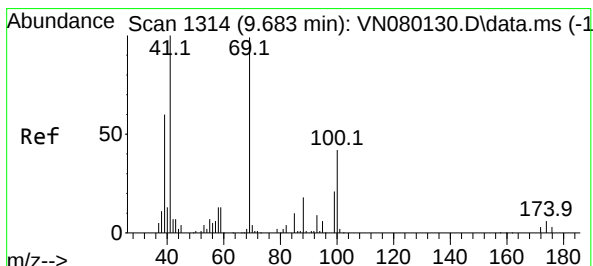
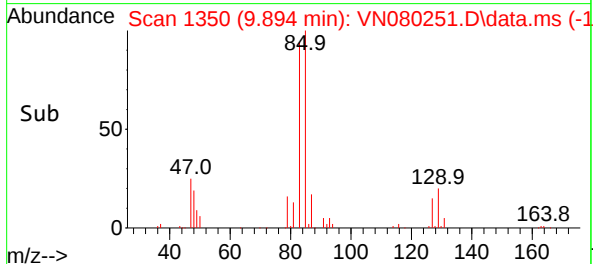
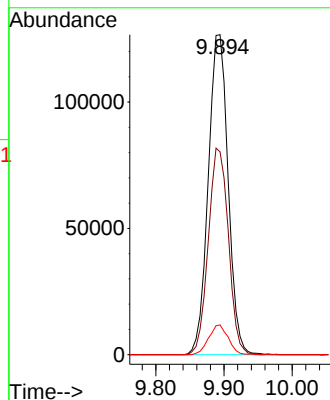
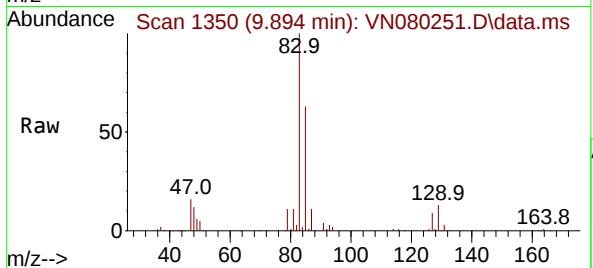
Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.6	74.4
127	9.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#48

Methyl methacrylate

Concen: 52.410 ug/l

RT: 9.682 min Scan# 1314

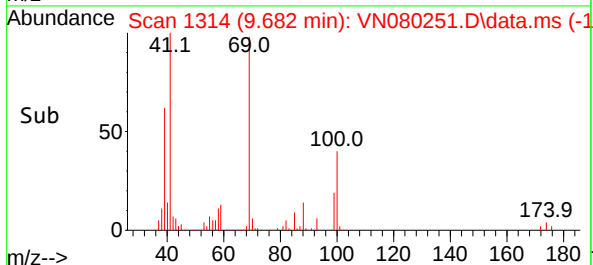
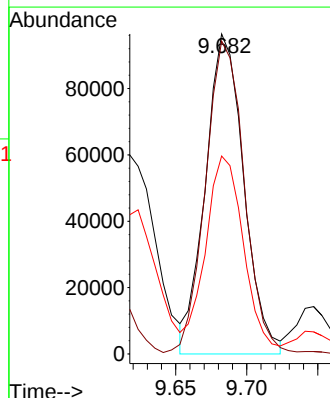
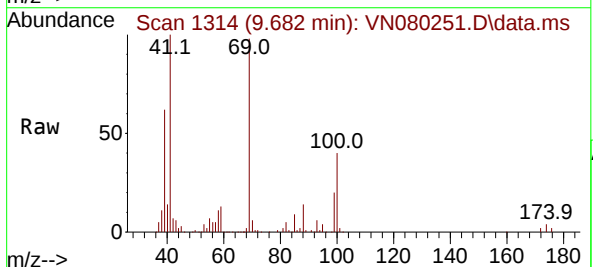
Delta R.T. -0.000 min

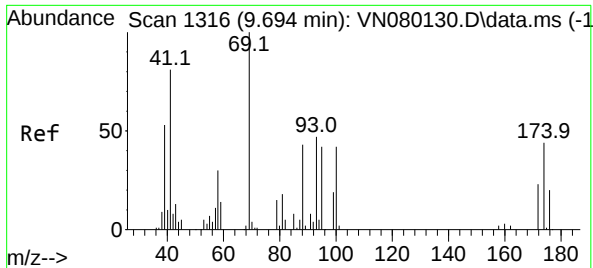
Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Tgt Ion: 41 Resp: 181055

Ion	Ratio	Lower	Upper
41	100		
69	99.6	90.4	135.6
39	62.1	54.6	81.8





#49

1,4-Dioxane

Concen: 1008.260 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

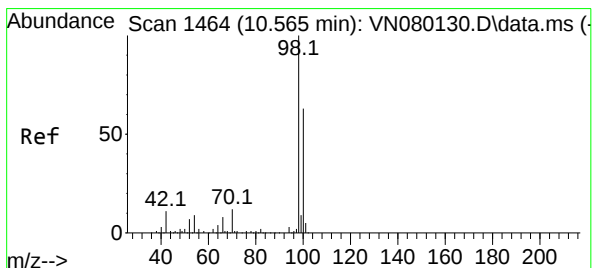
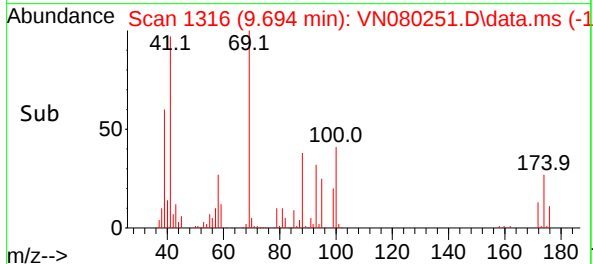
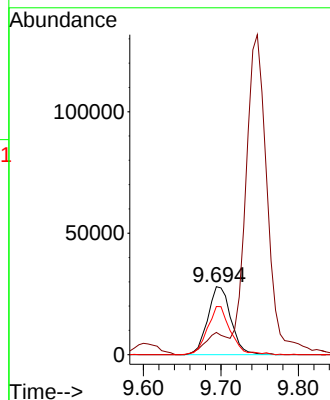
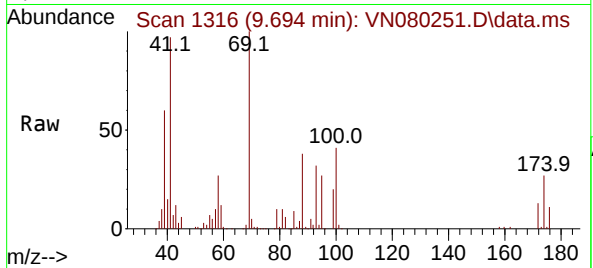
Tgt Ion: 88 Resp: 57940
 Ion Ratio Lower Upper
 88 100
 43 32.2 17.0 25.6
 58 70.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#50

Toluene-d8

Concen: 47.178 ug/l

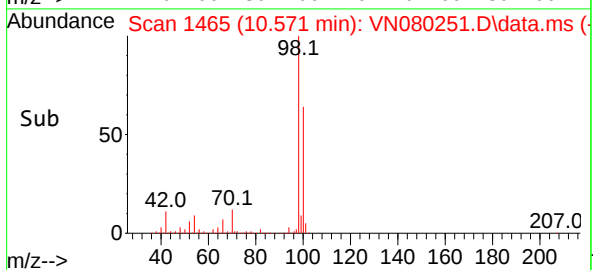
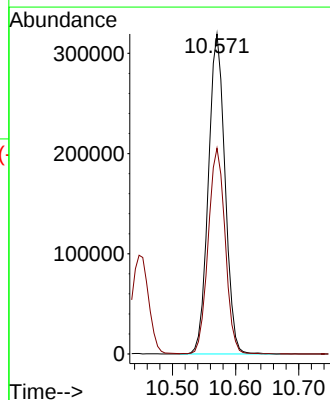
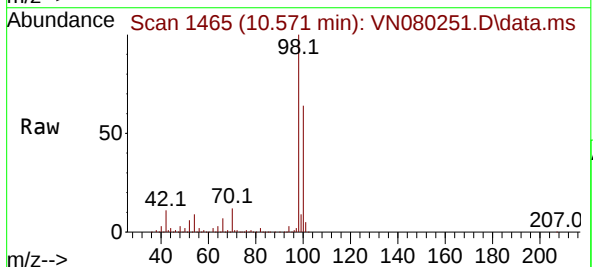
RT: 10.571 min Scan# 1465

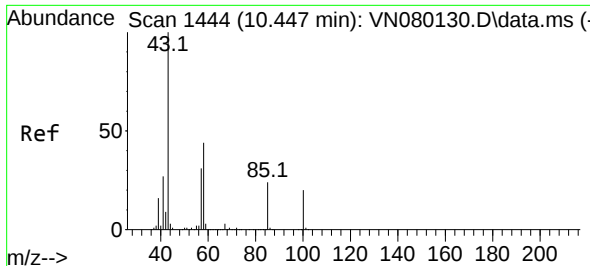
Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

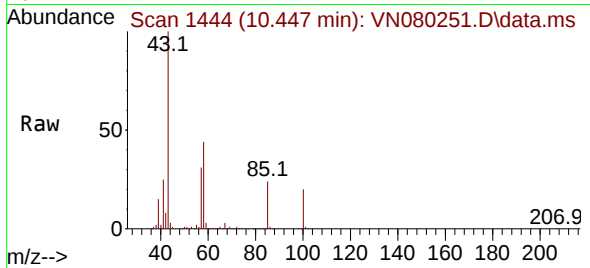
Tgt Ion: 98 Resp: 583371
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 262.150 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

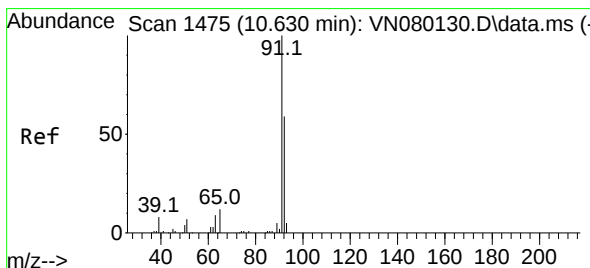
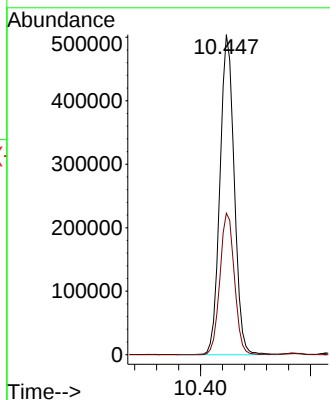
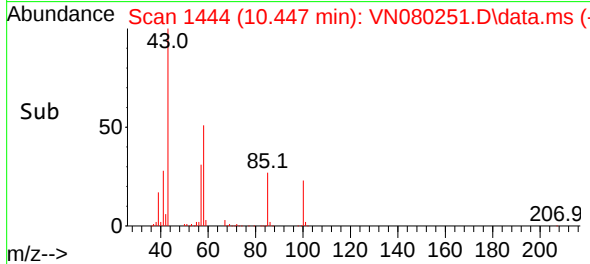
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 909810
Ion Ratio Lower Upper
43 100
58 44.8 36.6 54.8

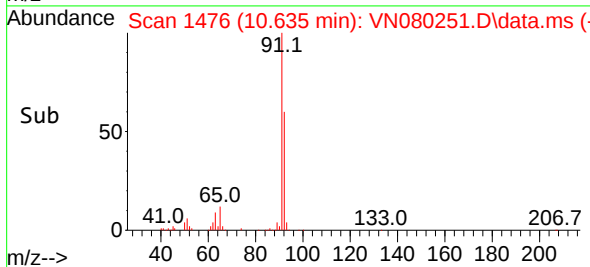
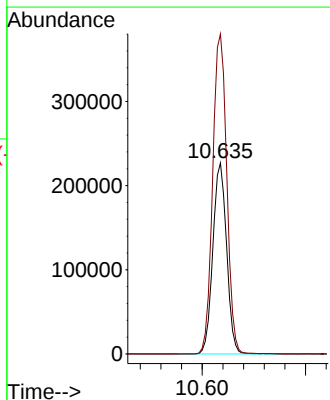
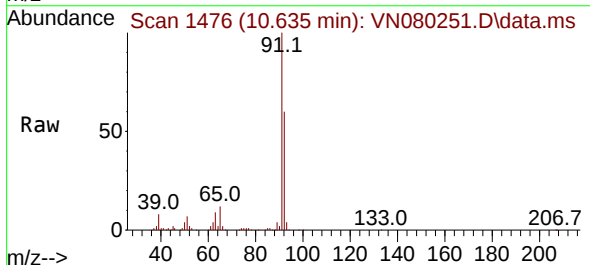
Manual Integrations
APPROVED

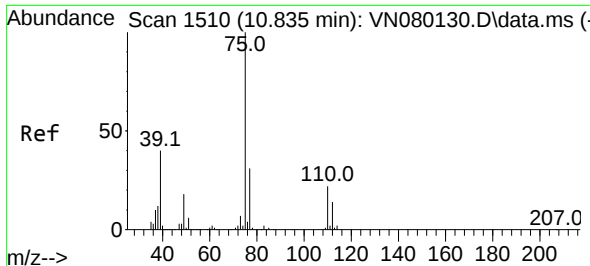
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#52
Toluene
Concen: 47.386 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

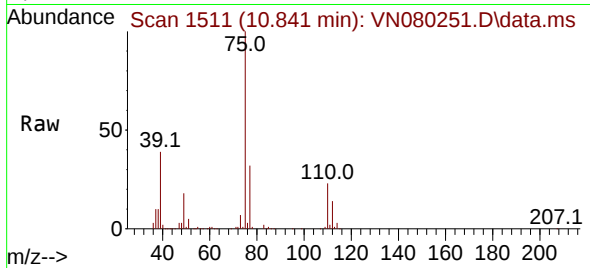
Tgt Ion: 92 Resp: 418583
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 48.251 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

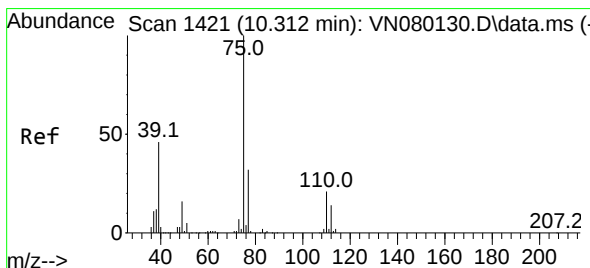
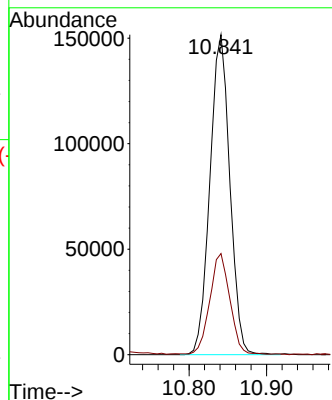
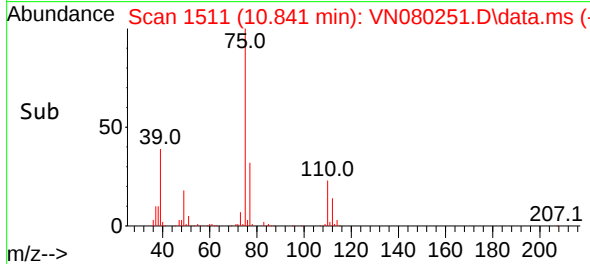
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



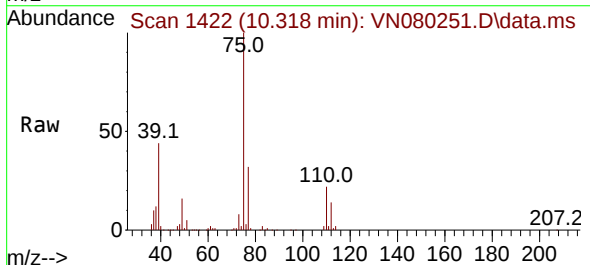
Tgt Ion: 75 Resp: 270769
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
APPROVED

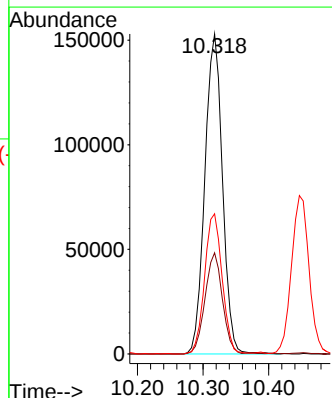
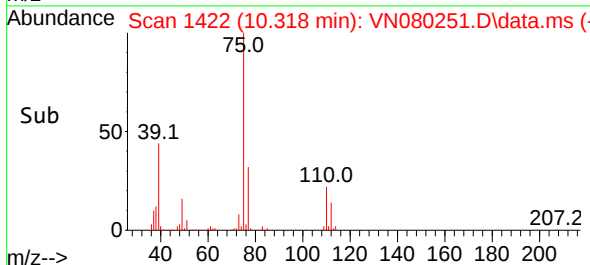
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

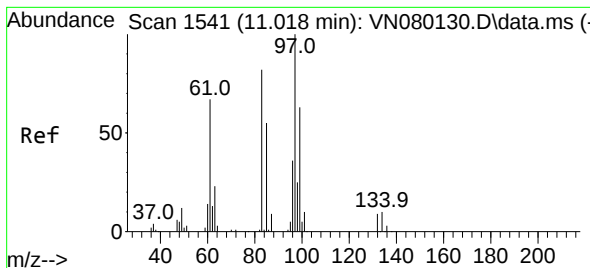


#54
cis-1,3-Dichloropropene
Concen: 49.907 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



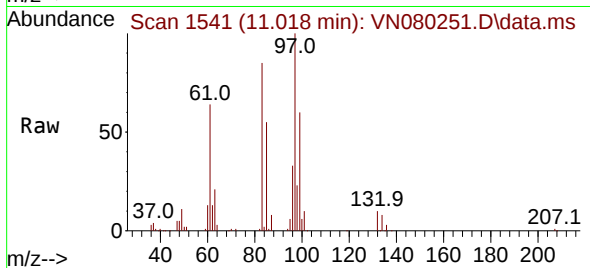
Tgt Ion: 75 Resp: 286128
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 43.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 47.793 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

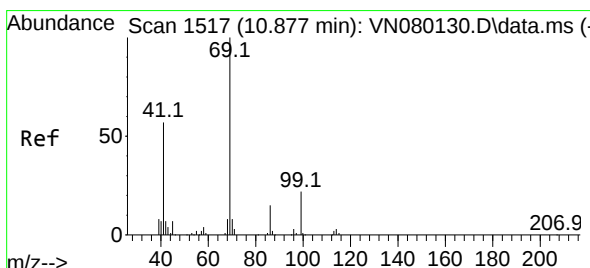
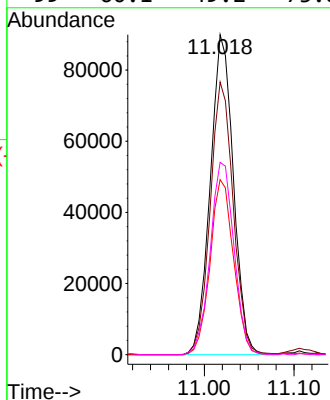
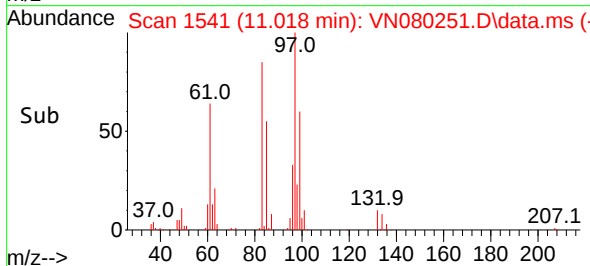
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



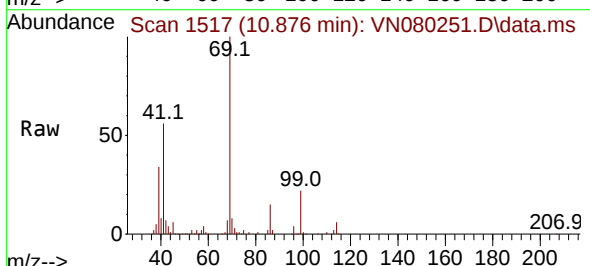
Tgt Ion: 97 Resp: 16113
Ion Ratio Lower Upper
97 100
83 85.2 65.1 97.7
85 54.7 43.4 65.2
99 60.1 49.2 73.8

Manual Integrations
APPROVED

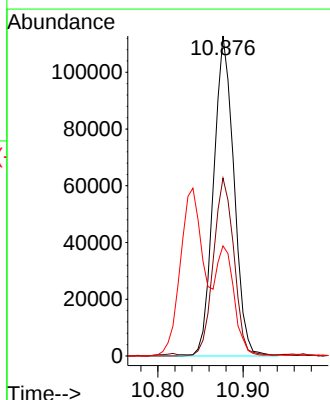
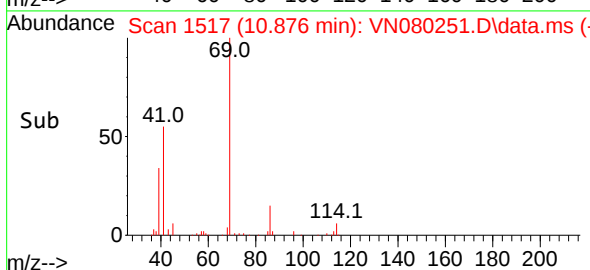
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

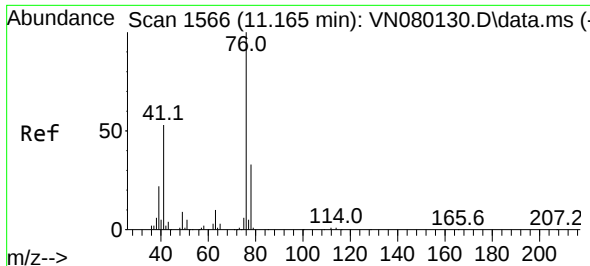


#56
Ethyl methacrylate
Concen: 54.498 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



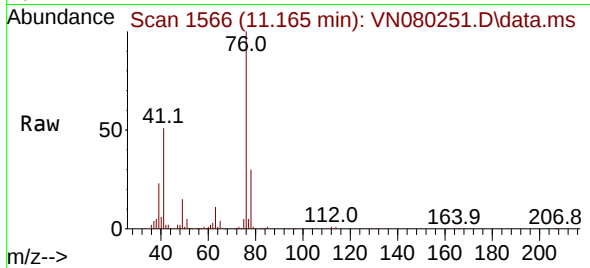
Tgt Ion: 69 Resp: 187703
Ion Ratio Lower Upper
69 100
41 55.0 39.6 59.4
39 28.5 28.6 43.0#





#57
1,3-Dichloropropane
Concen: 48.371 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

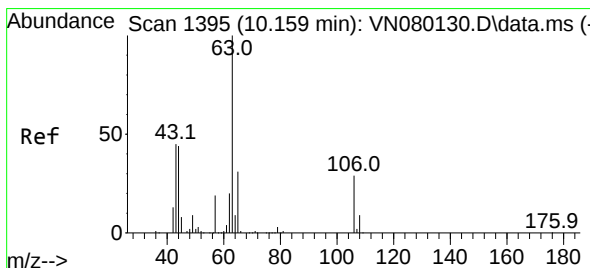
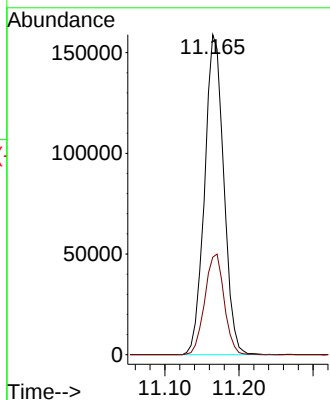
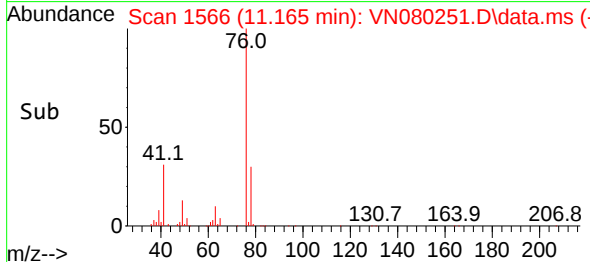
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 28473
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1

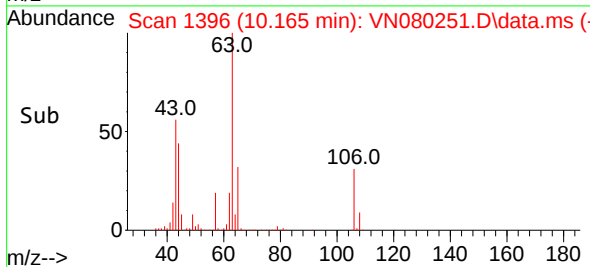
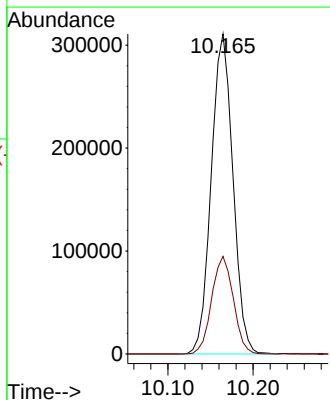
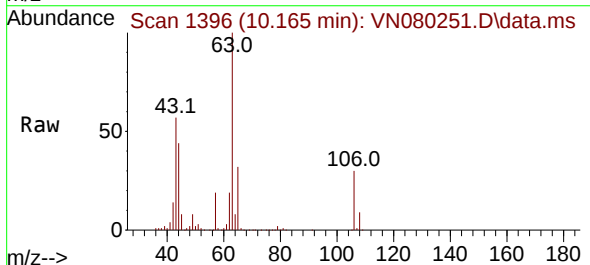
Manual Integrations
APPROVED

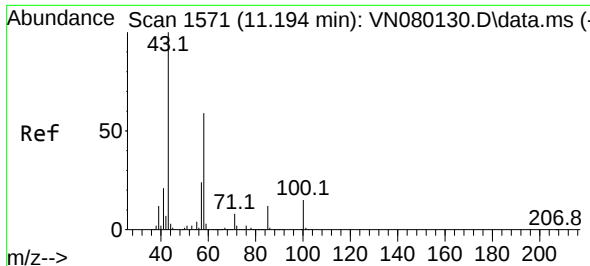
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#58
2-Chloroethyl Vinyl ether
Concen: 283.983 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

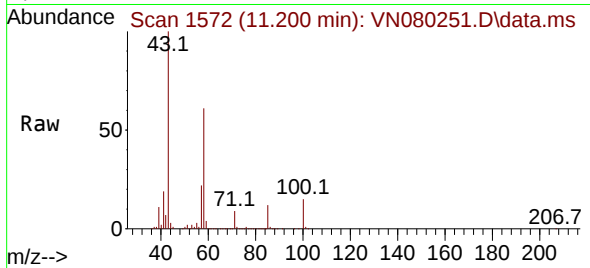
Tgt Ion: 63 Resp: 551034
Ion Ratio Lower Upper
63 100
106 30.4 26.2 39.4





#59
2-Hexanone
Concen: 246.279 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

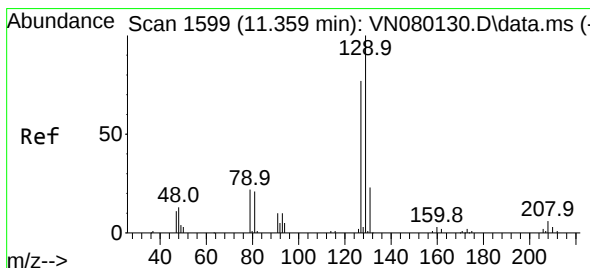
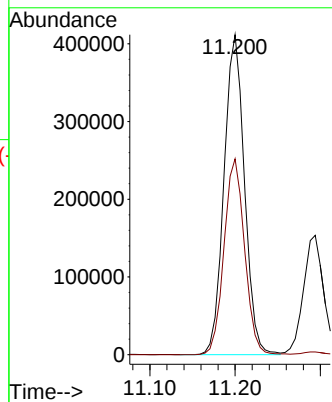
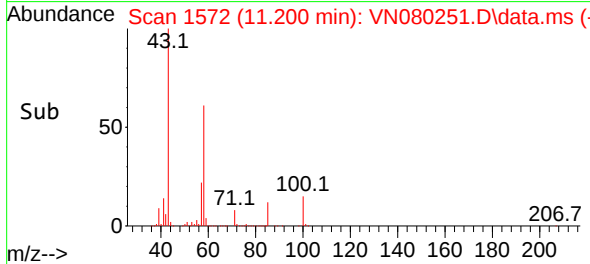
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 686820
Ion Ratio Lower Upper
43 100
58 61.5 31.7 95.1

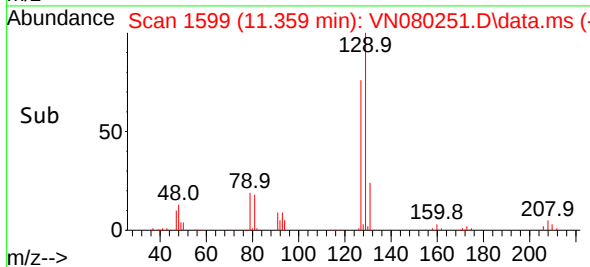
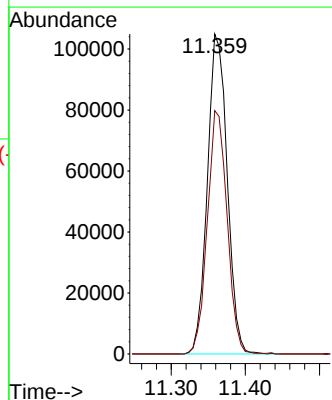
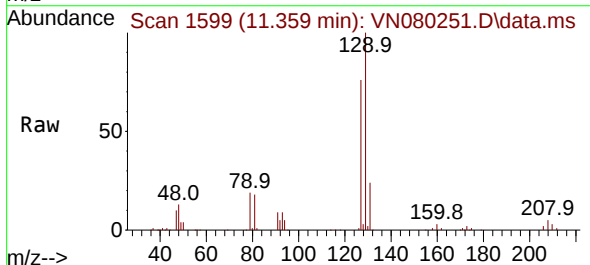
Manual Integrations
APPROVED

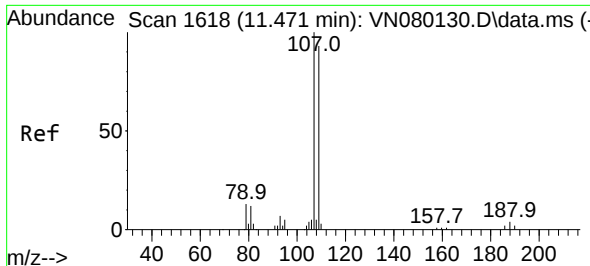
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#60
Dibromochloromethane
Concen: 48.379 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

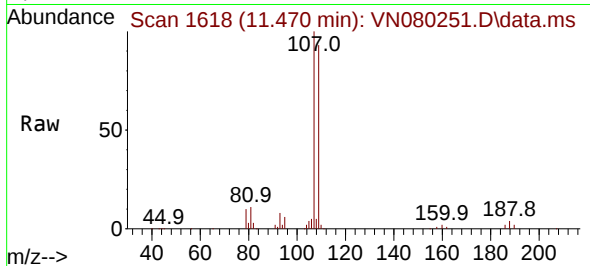
Tgt Ion:129 Resp: 195275
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.853 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

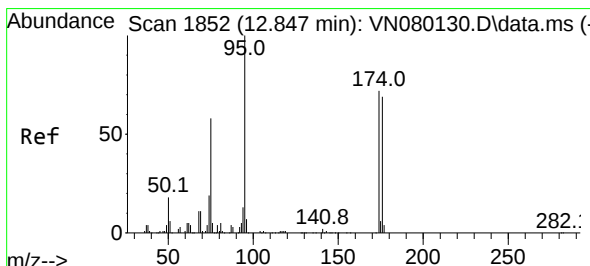
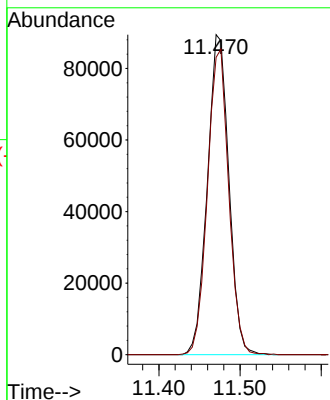
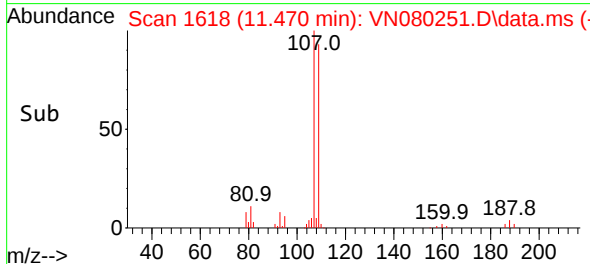
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



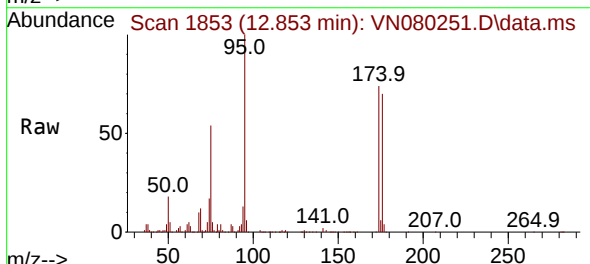
Tgt Ion:107 Resp: 164589
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

Manual Integrations
APPROVED

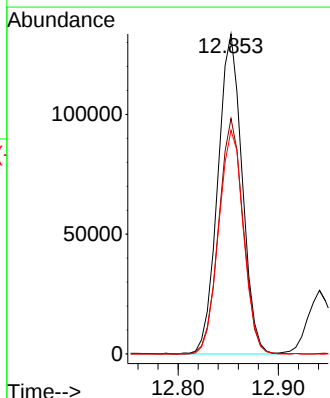
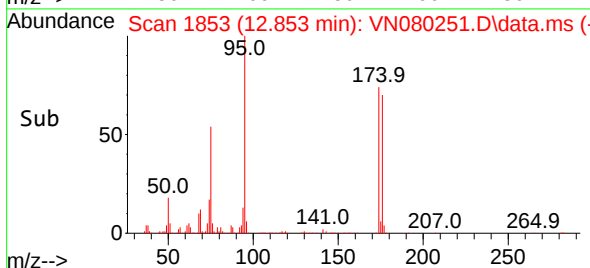
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

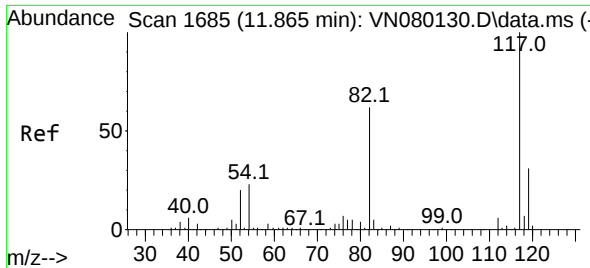


#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



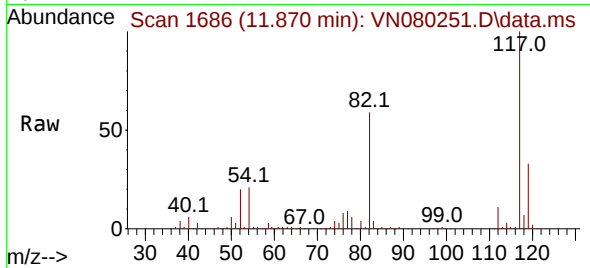
Tgt Ion: 95 Resp: 224371
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 71.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

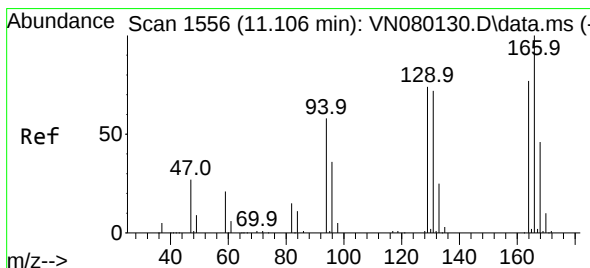
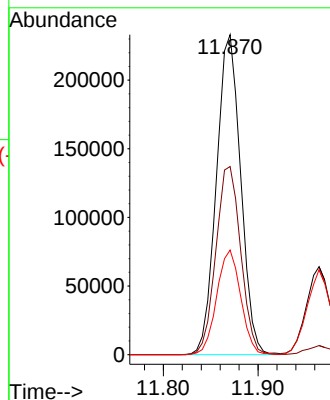
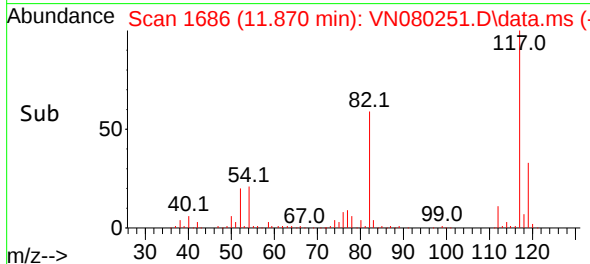
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 415739
Ion Ratio Lower Upper
117 100
82 58.8 44.0 66.0
119 32.7 25.6 38.4

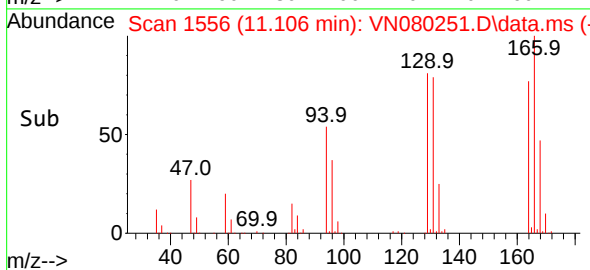
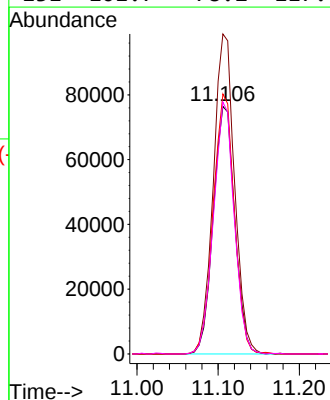
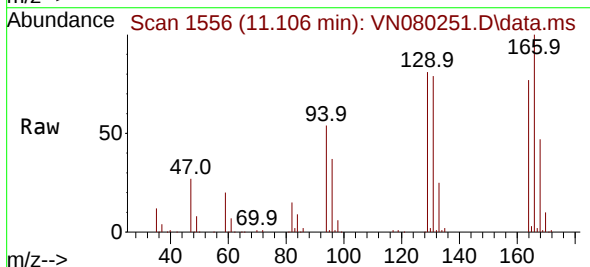
Manual Integrations
APPROVED

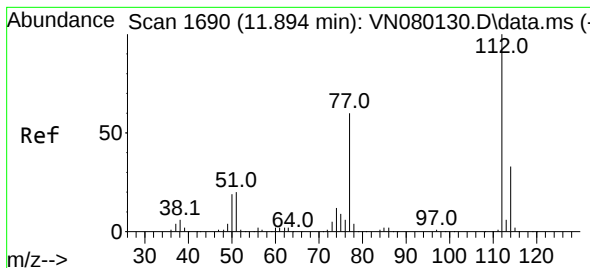
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#64
Tetrachloroethene
Concen: 44.243 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion:164 Resp: 140373
Ion Ratio Lower Upper
164 100
166 129.3 101.4 152.0
129 105.0 82.4 123.6
131 101.7 78.2 117.4





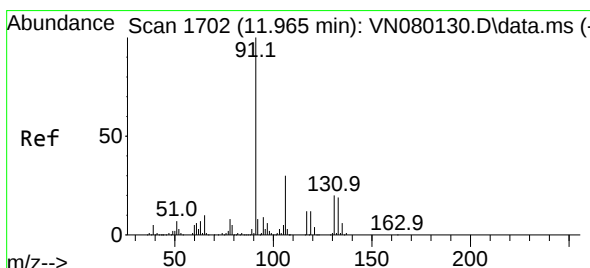
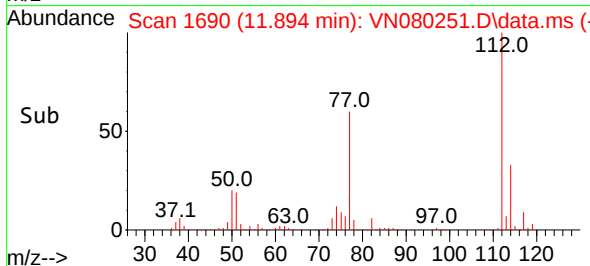
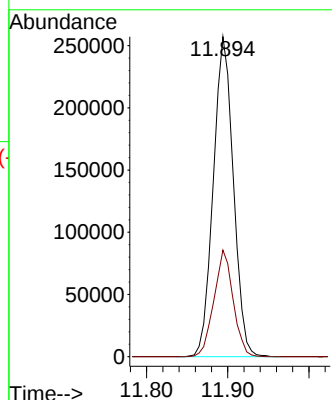
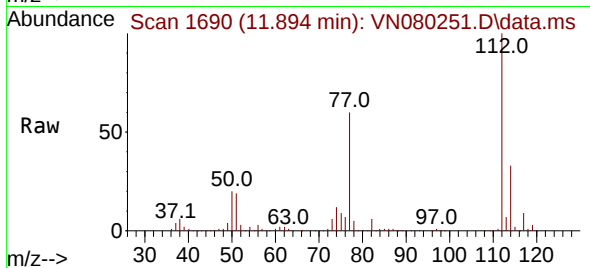
#65
Chlorobenzene
Concen: 46.902 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 441832
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

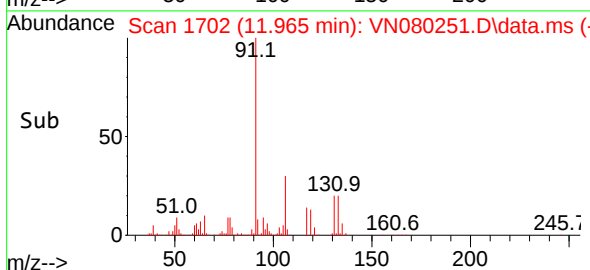
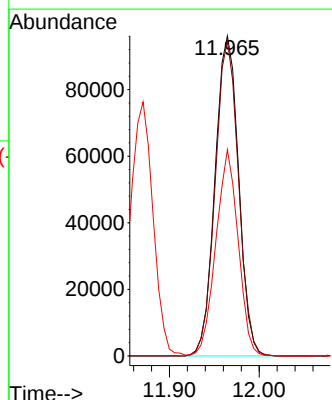
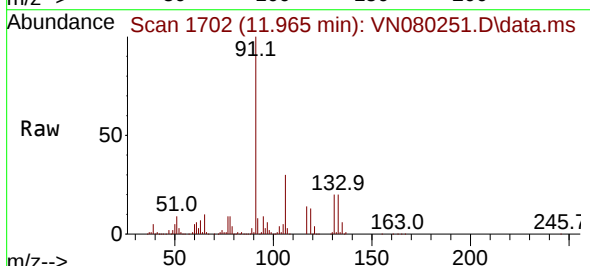
Manual Integrations
APPROVED

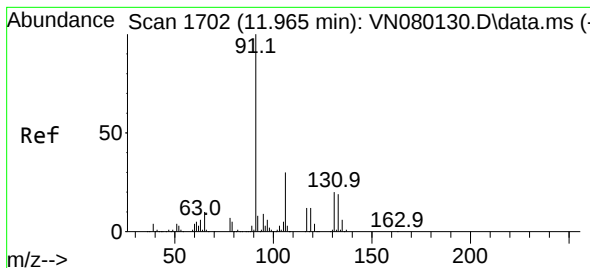
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.941 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion:131 Resp: 175258
Ion Ratio Lower Upper
131 100
133 97.4 46.4 139.1
119 61.0 34.1 102.2





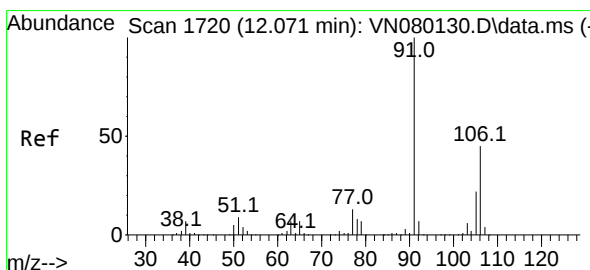
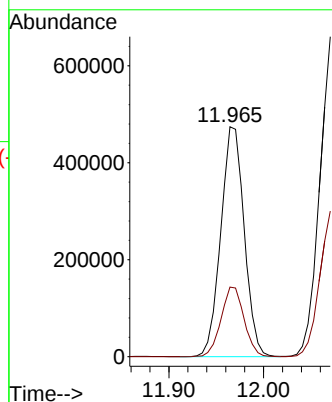
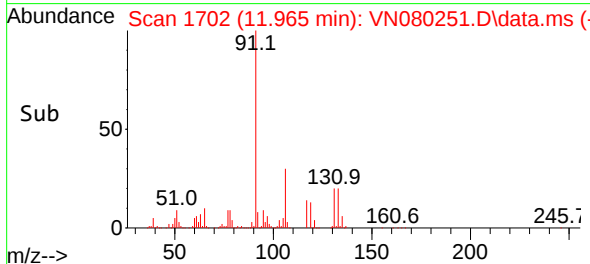
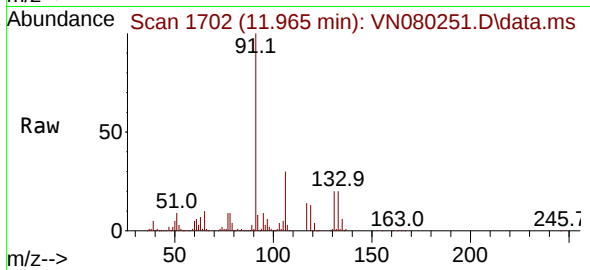
#67
Ethyl Benzene
Concen: 48.646 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 815458
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

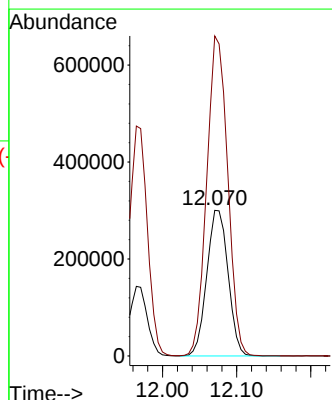
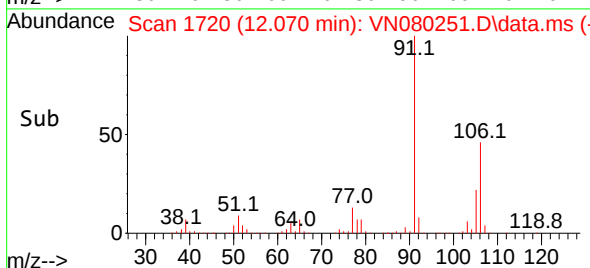
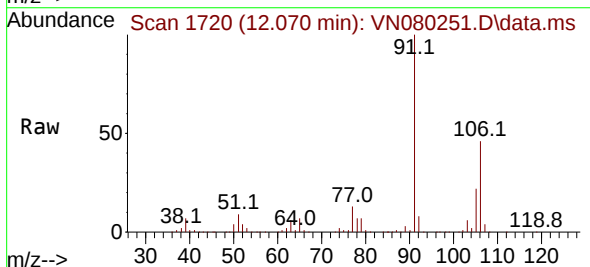
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#68
m/p-Xylenes
Concen: 98.181 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion:106 Resp: 600072
Ion Ratio Lower Upper
106 100
91 215.9 159.6 239.4





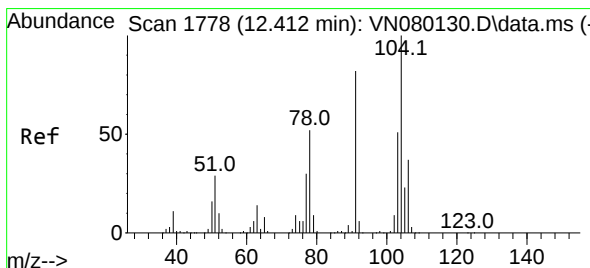
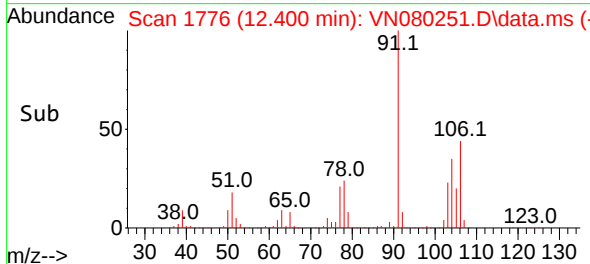
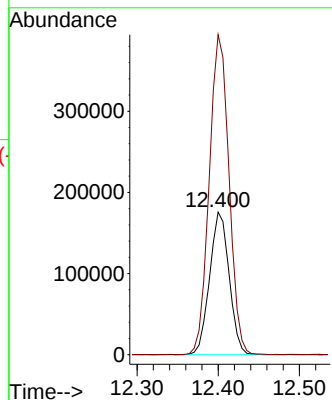
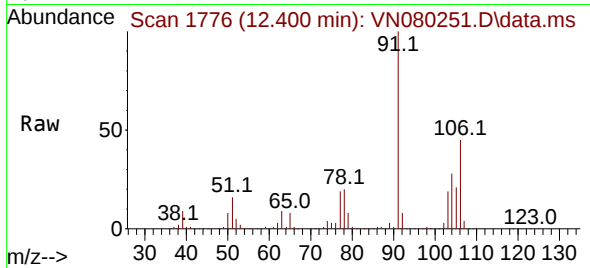
#69
o-Xylene
Concen: 50.864 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 292974
Ion Ratio Lower Upper
106 100
91 227.8 105.2 315.5

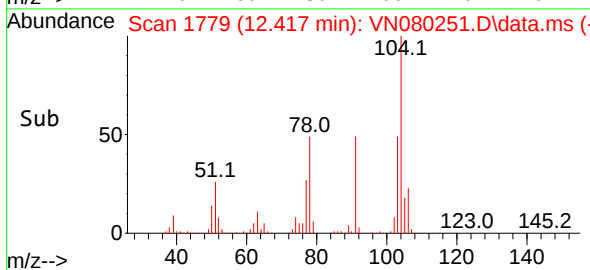
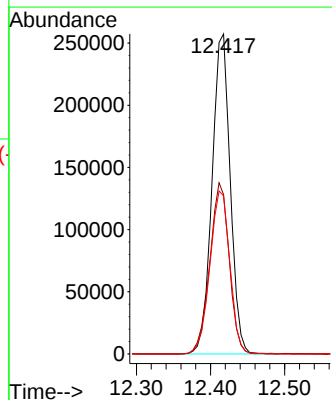
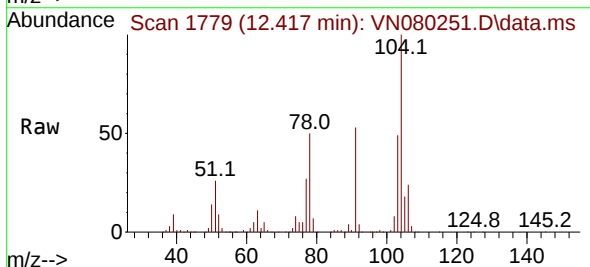
Manual Integrations
APPROVED

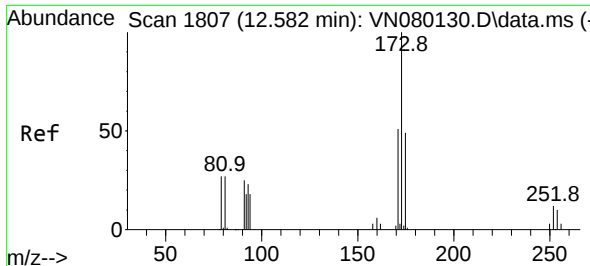
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#70
Styrene
Concen: 51.219 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

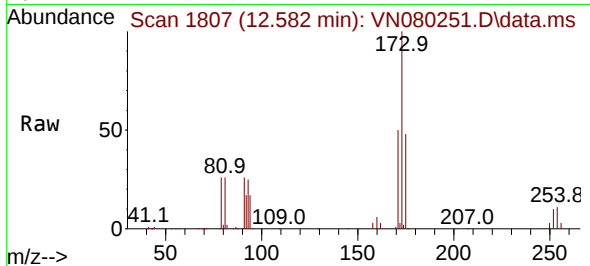
Tgt Ion:104 Resp: 439109
Ion Ratio Lower Upper
104 100
78 57.2 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 49.147 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

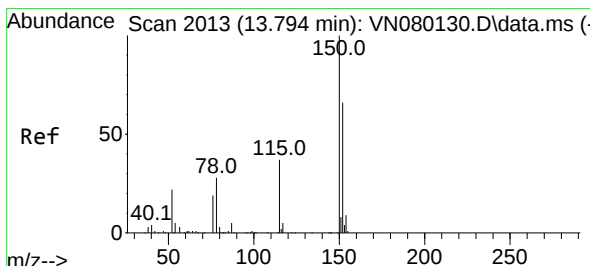
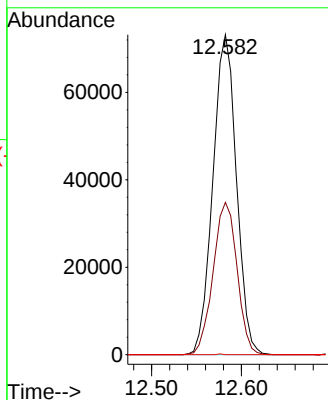
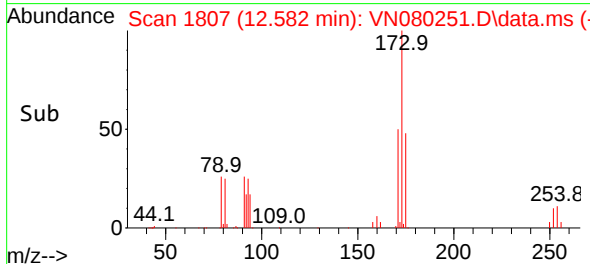
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



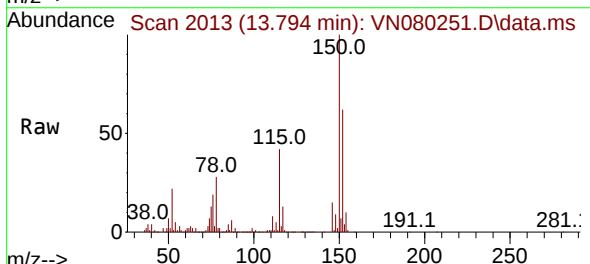
Tgt Ion:173 Resp: 133238
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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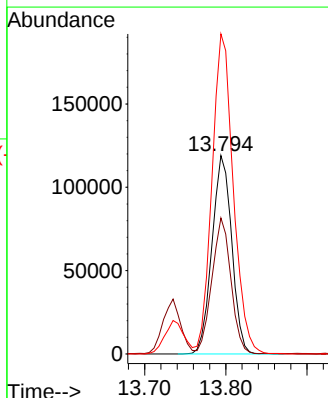
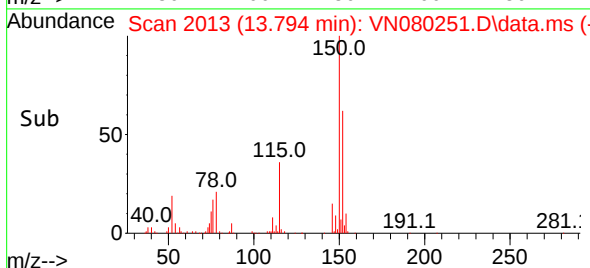
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

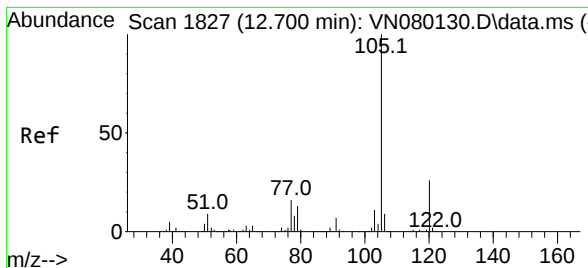


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



Tgt Ion:152 Resp: 201583
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 173.7 0.0 355.8





#73

Isopropylbenzene

Concen: 49.018 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 76784

Ion Ratio Lower Upper

105 100

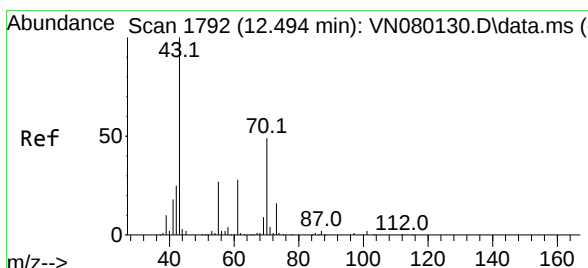
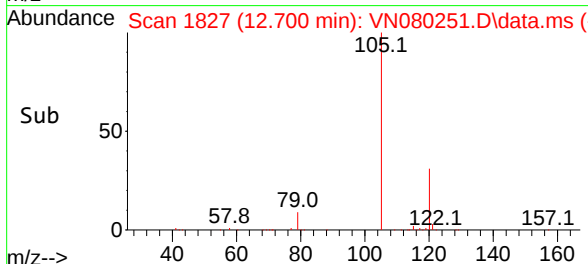
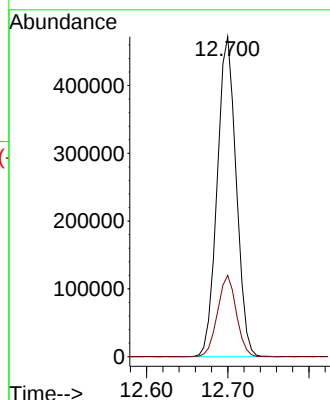
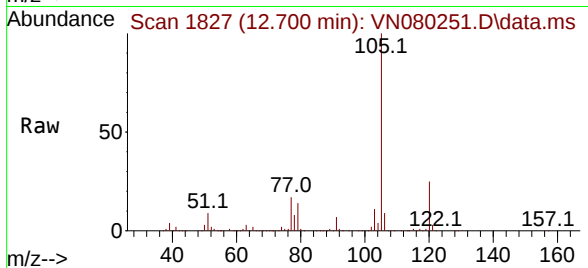
120 25.1 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#74

N-ethyl acetate

Concen: 50.959 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Tgt Ion: 43 Resp: 248930

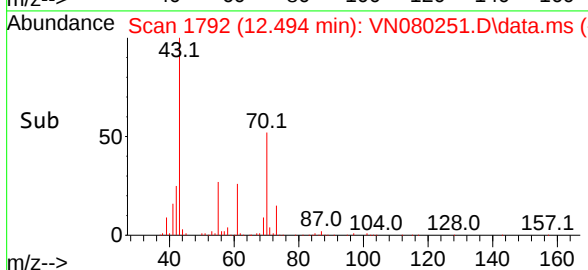
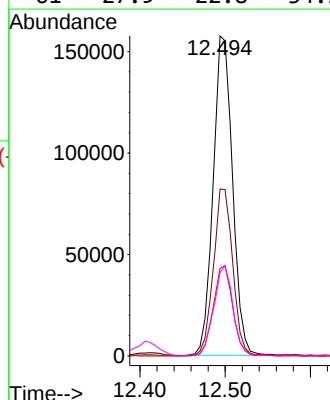
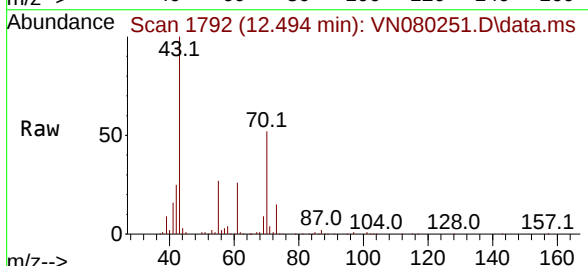
Ion Ratio Lower Upper

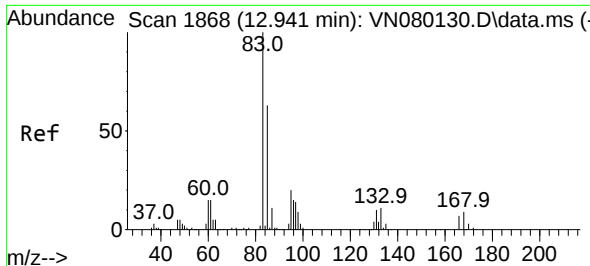
43 100

70 52.1 43.4 65.2

55 28.8 21.4 32.0

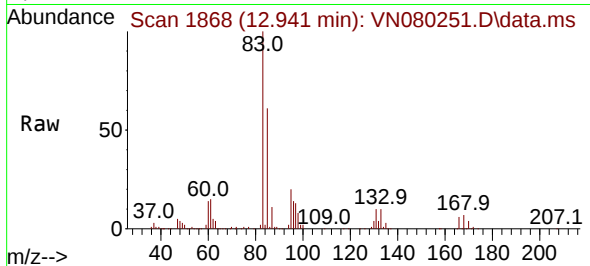
61 27.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.825 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

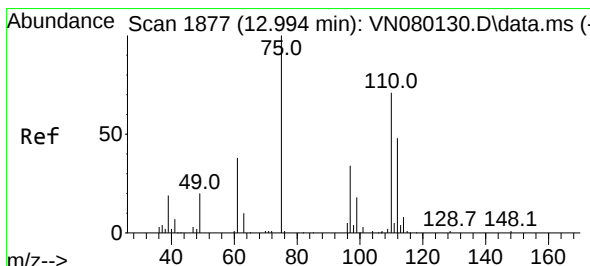
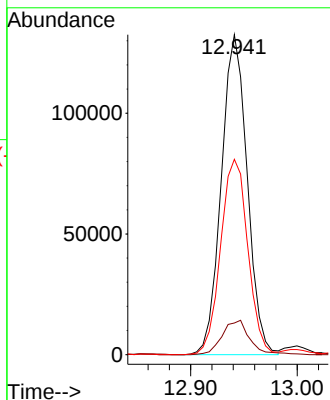
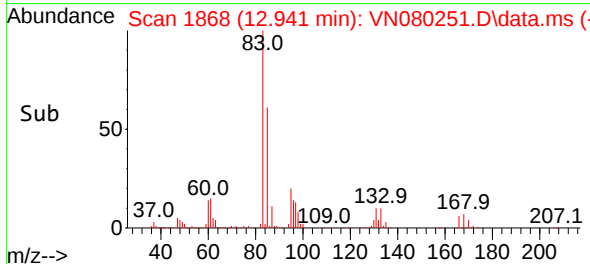
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 224220
Ion Ratio Lower Upper
83 100
131 11.5 5.0 15.0
85 64.0 31.9 95.7

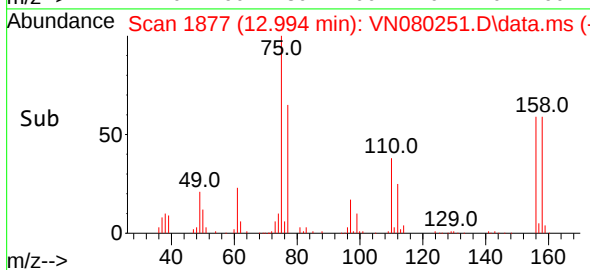
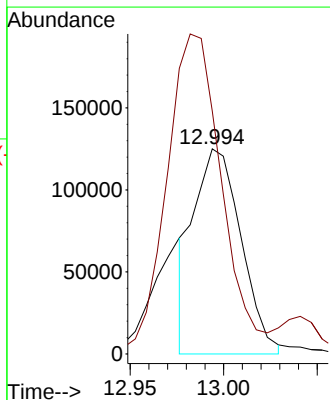
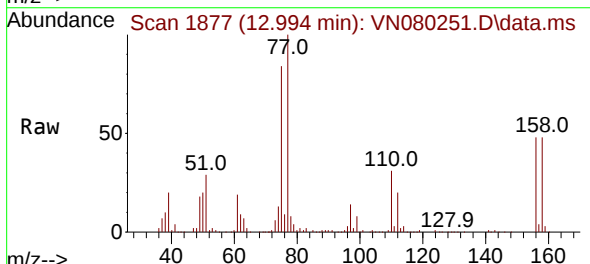
Manual Integrations
APPROVED

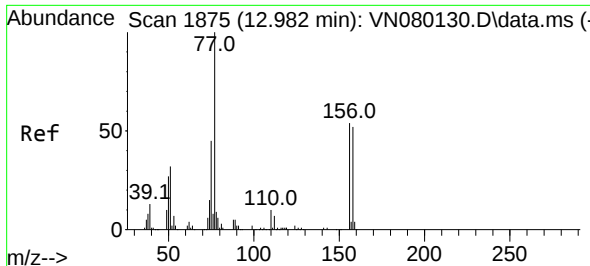
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#76
1,2,3-Trichloropropane
Concen: 44.417 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

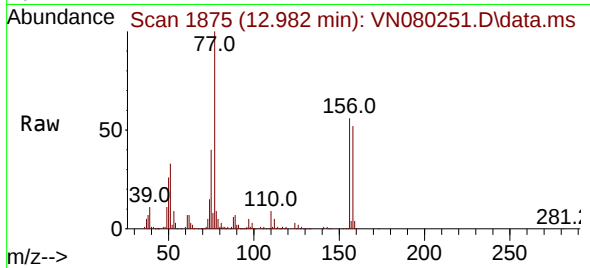
Tgt Ion: 75 Resp: 219383
Ion Ratio Lower Upper
75 100
77 181.6 84.5 253.5





#77
Bromobenzene
Concen: 46.476 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

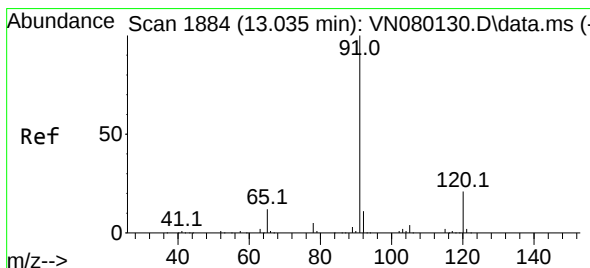
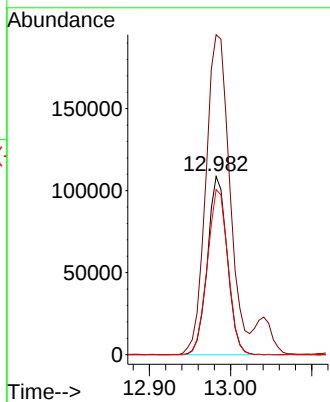
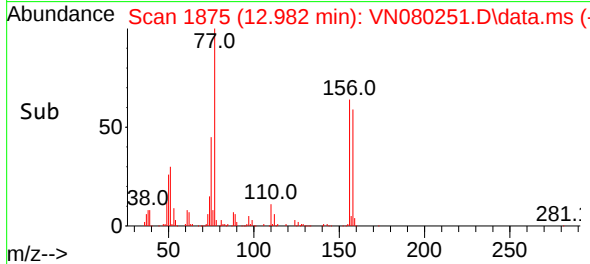
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



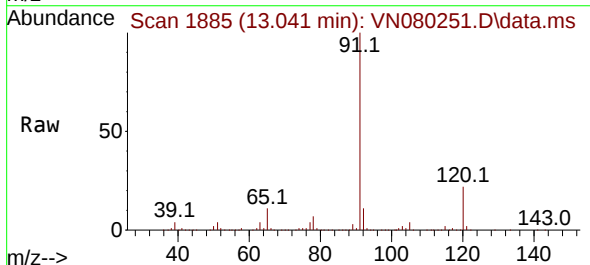
Tgt Ion:156 Resp: 18355
Ion Ratio Lower Upper
156 100
77 217.1 107.7 323.3
158 96.7 48.4 145.3

Manual Integrations
APPROVED

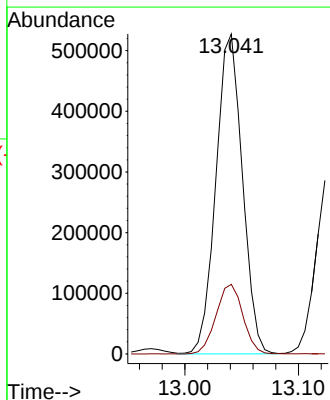
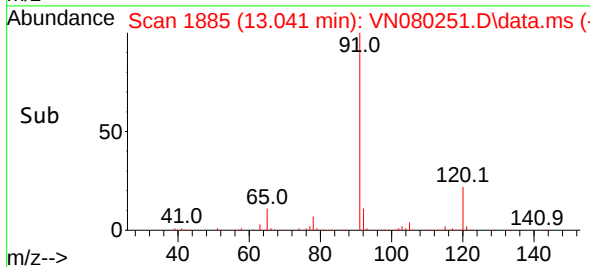
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

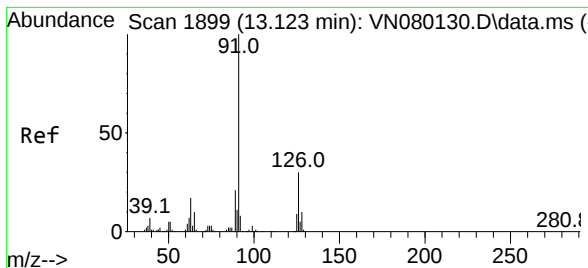


#78
n-propylbenzene
Concen: 48.784 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



Tgt Ion: 91 Resp: 854520
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





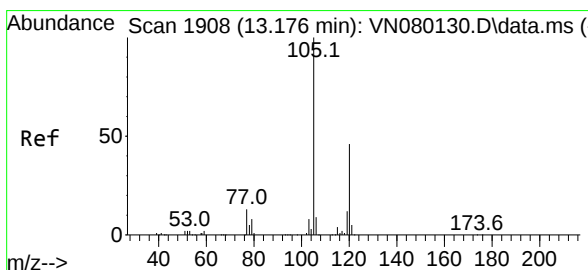
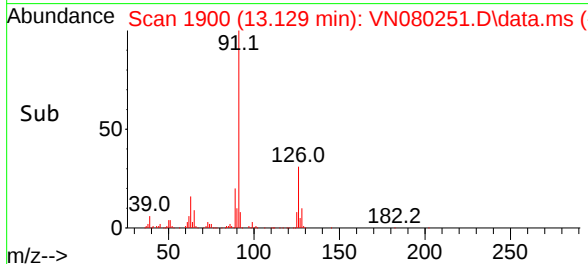
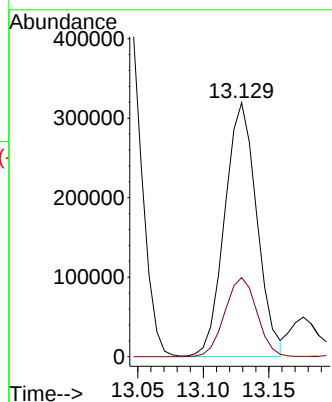
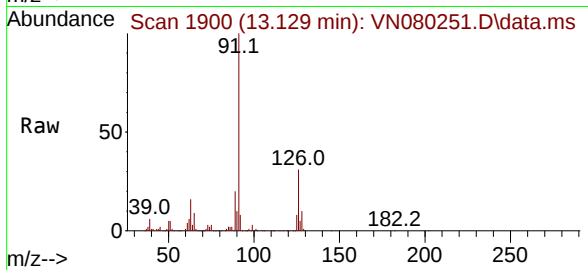
#79
2-Chlorotoluene
Concen: 47.889 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 544824
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

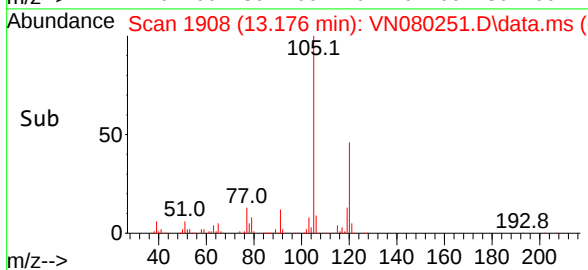
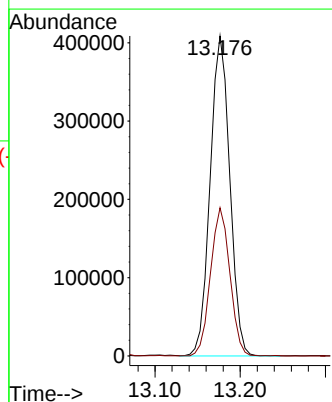
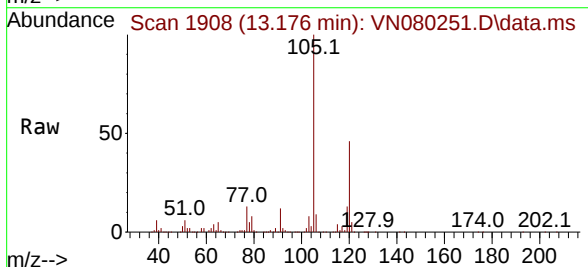
Manual Integrations
APPROVED

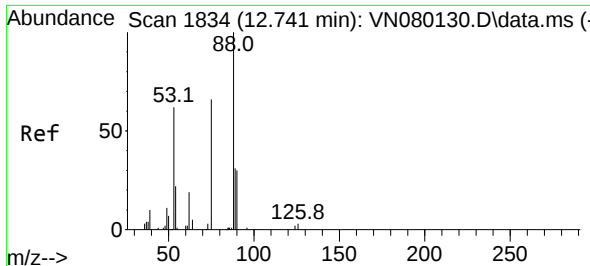
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.130 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

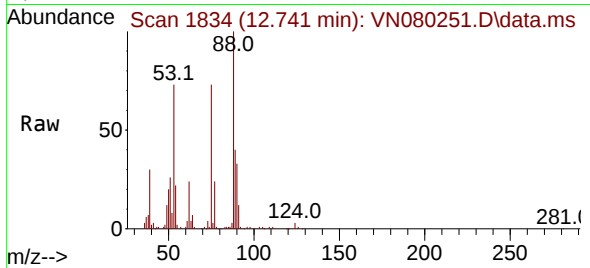
Tgt Ion:105 Resp: 656295
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.578 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

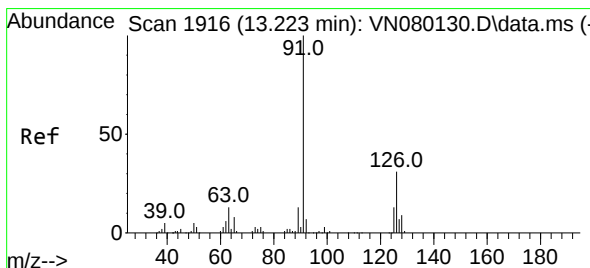
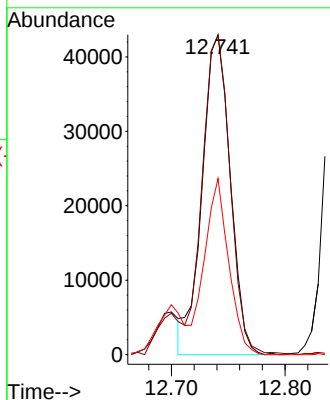
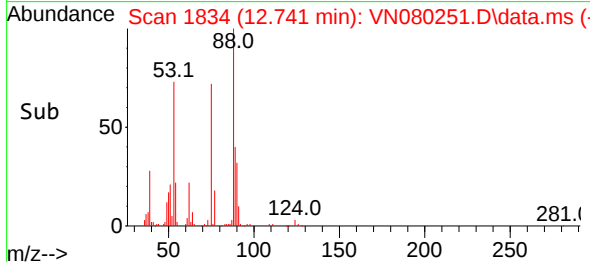
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 73939
Ion Ratio Lower Upper
75 100
53 98.7 67.4 101.2
89 48.5 38.8 58.2

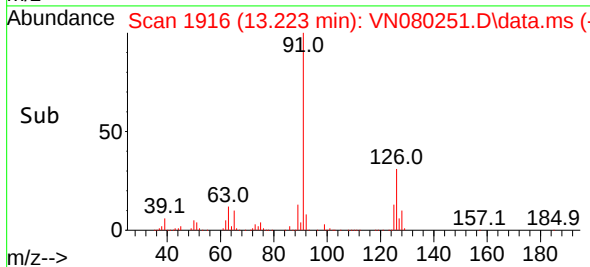
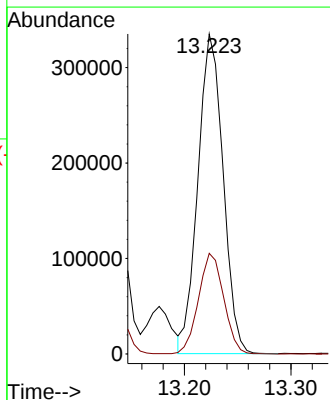
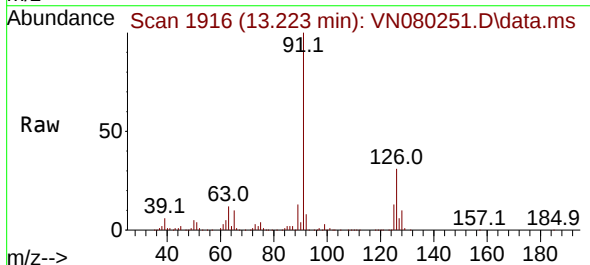
Manual Integrations
APPROVED

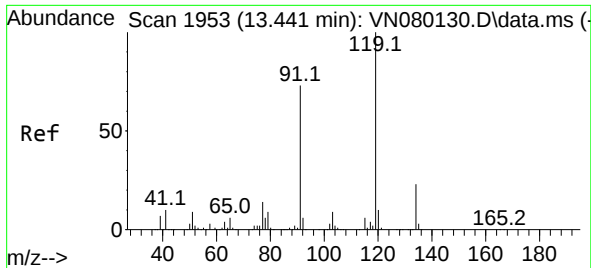
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#82
4-Chlorotoluene
Concen: 47.150 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

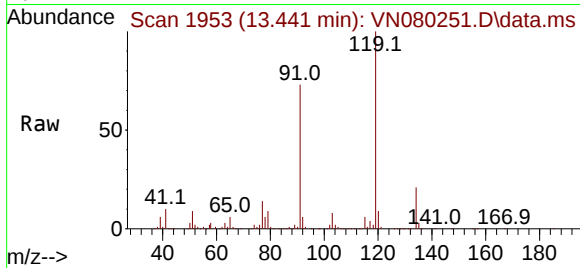
Tgt Ion: 91 Resp: 549527
Ion Ratio Lower Upper
91 100
126 31.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.479 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

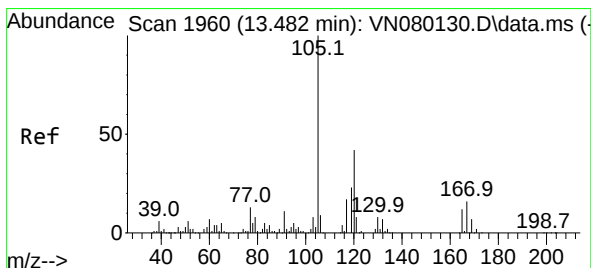
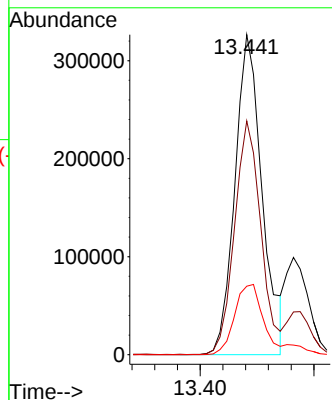
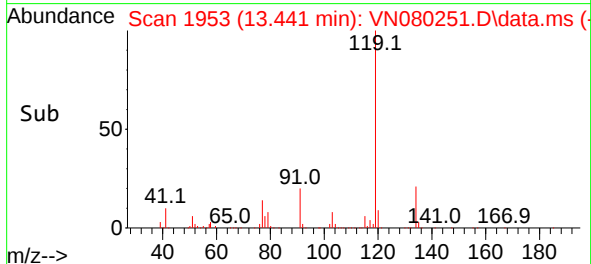
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



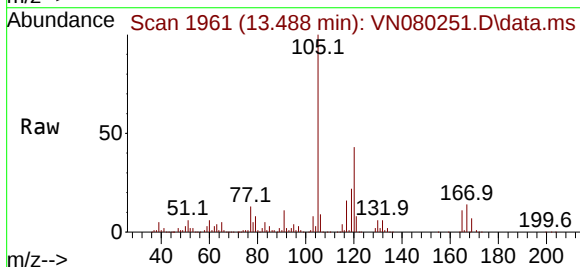
Tgt Ion:119 Resp: 541050
Ion Ratio Lower Upper
119 100
91 70.9 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
APPROVED

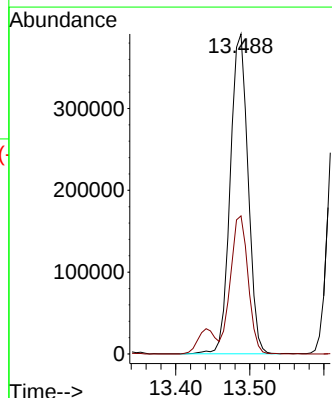
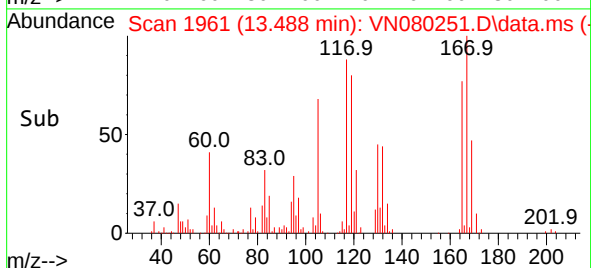
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

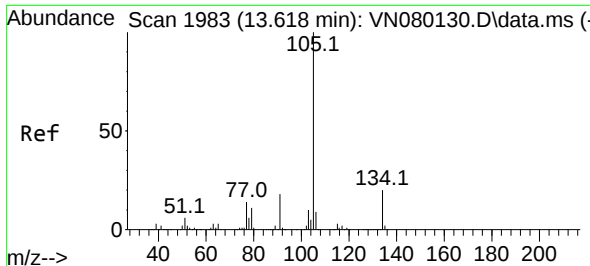


#84
1,2,4-Trimethylbenzene
Concen: 48.451 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42



Tgt Ion:105 Resp: 650550
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0





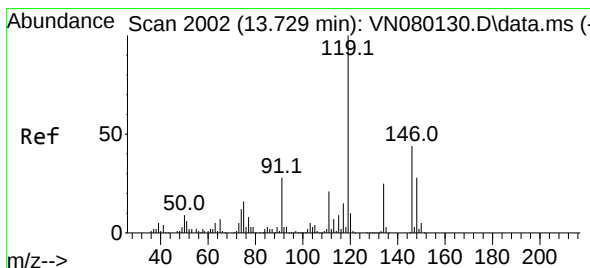
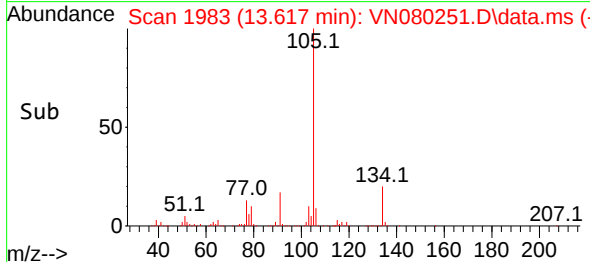
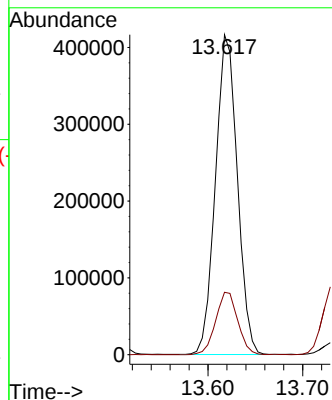
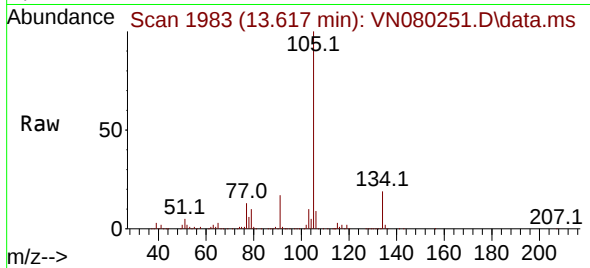
#85
 sec-Butylbenzene
 Concen: 48.473 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 67053
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

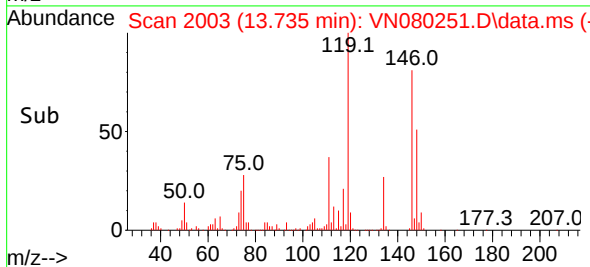
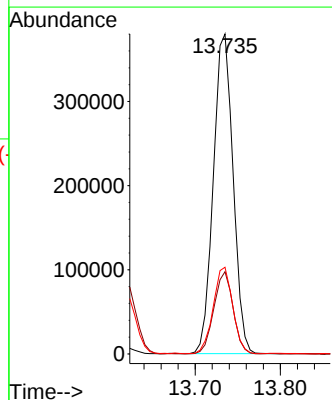
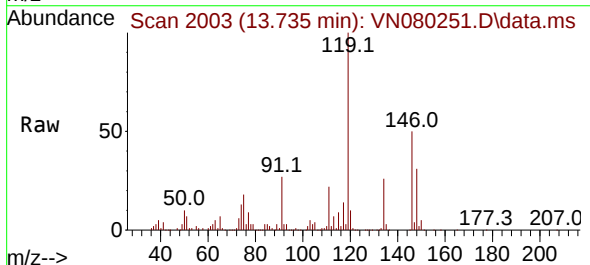
Manual Integrations
 APPROVED

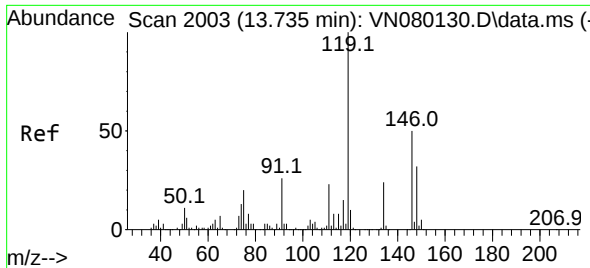
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#86
 p-Isopropyltoluene
 Concen: 49.469 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

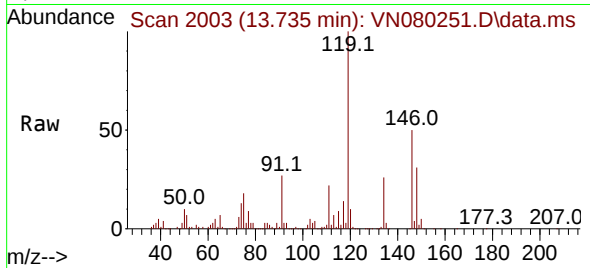
Tgt Ion:119 Resp: 611295
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 26.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 44.499 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42

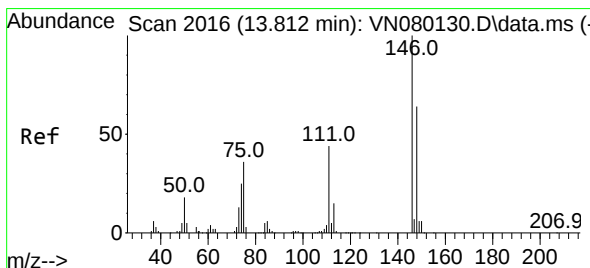
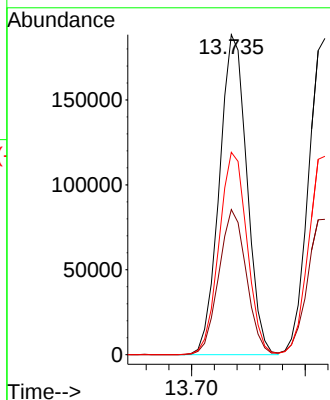
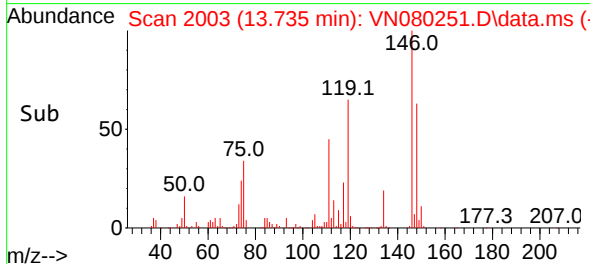
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



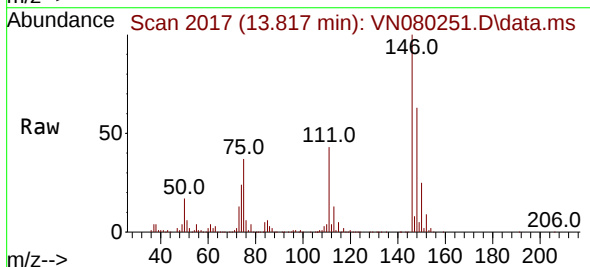
Tgt Ion:146 Resp: 31662
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.1 66.3
 148 64.4 32.0 96.0

Manual Integrations
 APPROVED

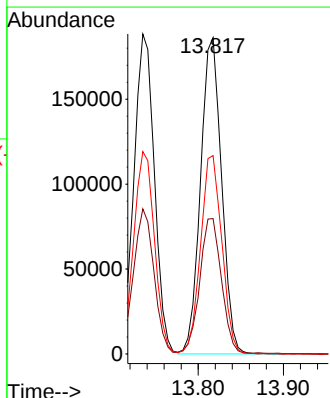
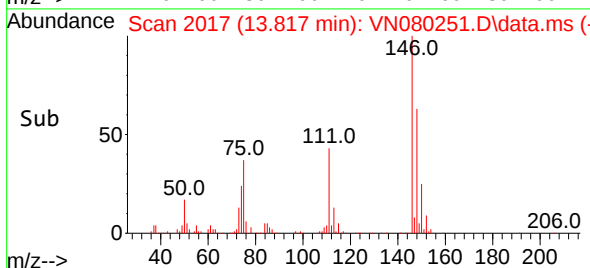
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023

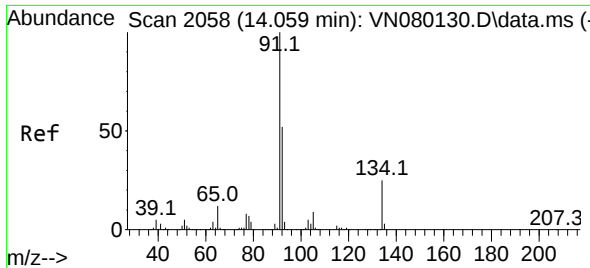


#88
 1,4-Dichlorobenzene
 Concen: 44.688 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN080251.D
 Acq: 22 Nov 2023 16:42



Tgt Ion:146 Resp: 319553
 Ion Ratio Lower Upper
 146 100
 111 44.4 20.6 61.8
 148 63.4 31.6 94.8





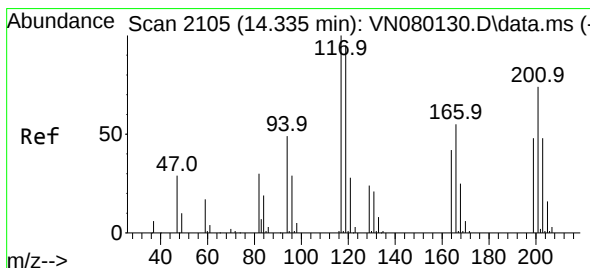
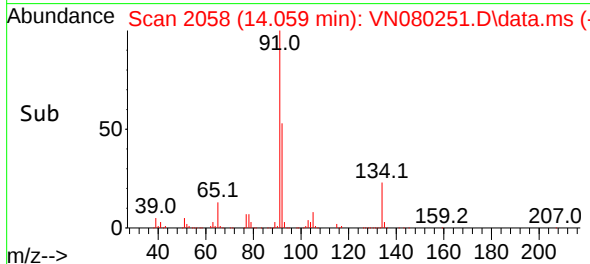
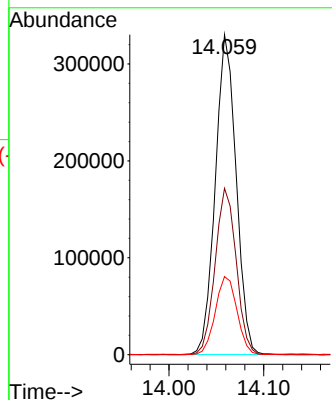
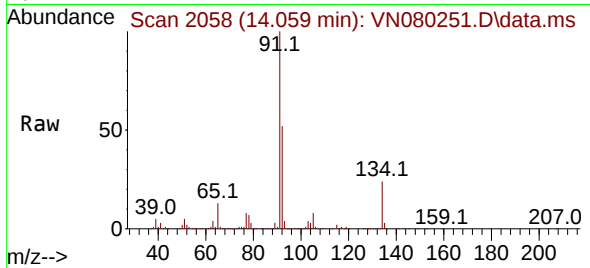
#89
n-Butylbenzene
Concen: 48.762 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 504339
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 25.5 12.6 37.6

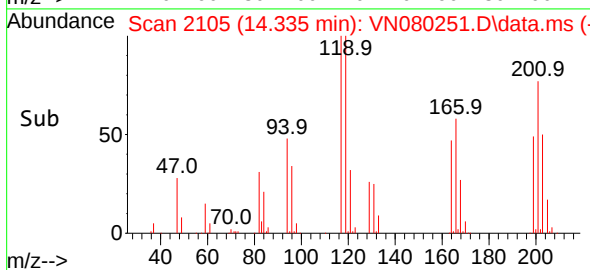
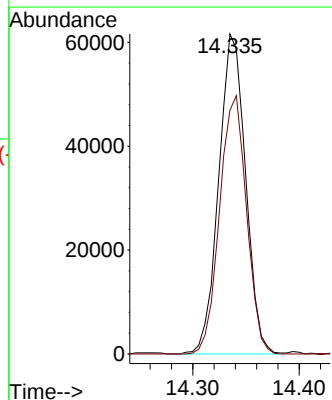
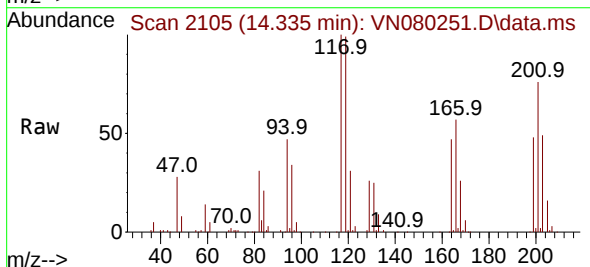
Manual Integrations
APPROVED

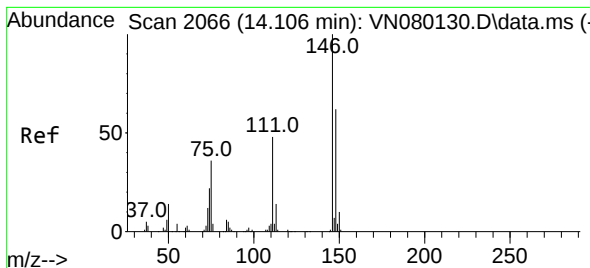
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#90
Hexachloroethane
Concen: 44.716 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion:117 Resp: 107723
Ion Ratio Lower Upper
117 100
201 80.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 46.466 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 31638

Ion Ratio Lower Upper

146 100

111 46.6 22.0 66.0

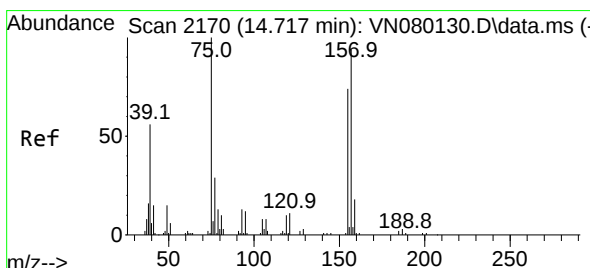
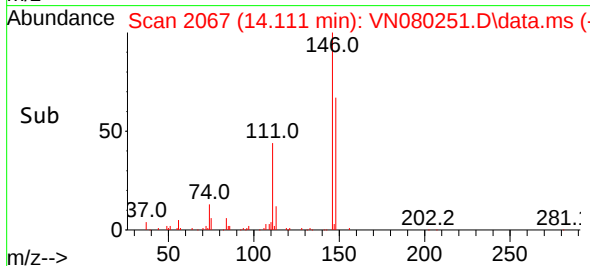
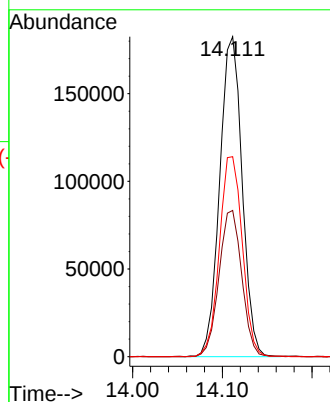
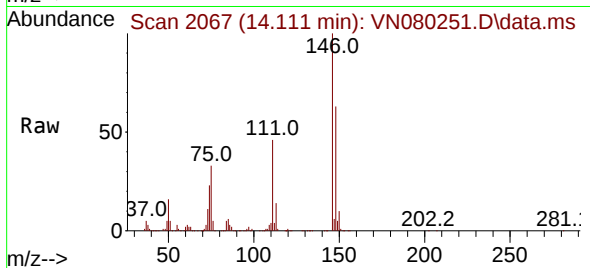
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.260 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

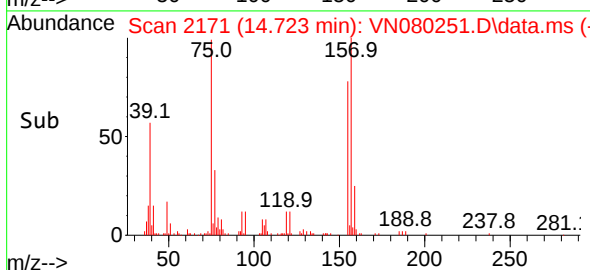
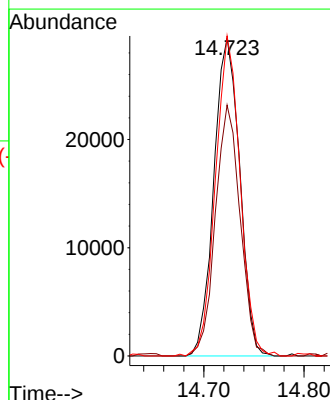
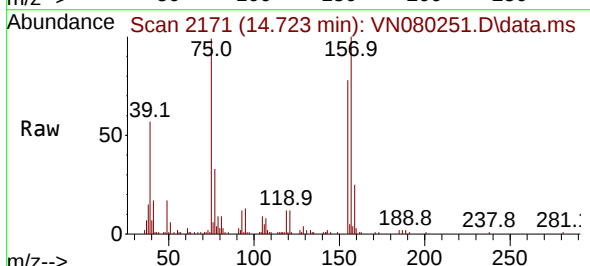
Tgt Ion: 75 Resp: 52554

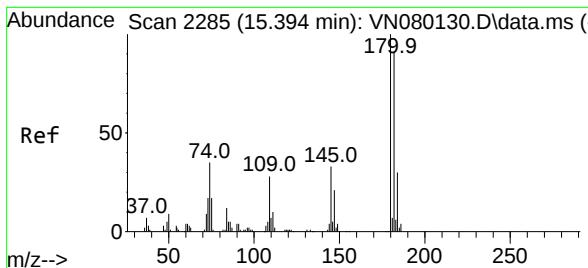
Ion Ratio Lower Upper

75 100

155 75.7 39.1 117.2

157 96.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.519 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 180264

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

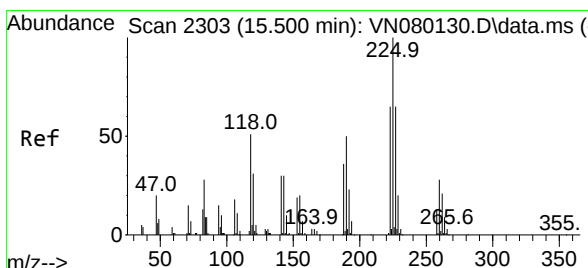
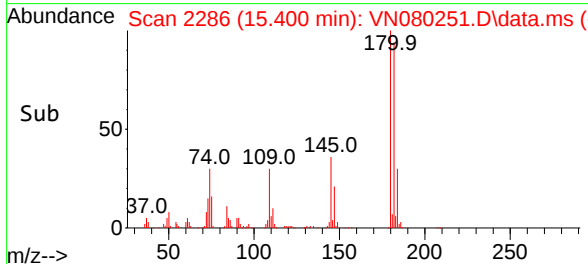
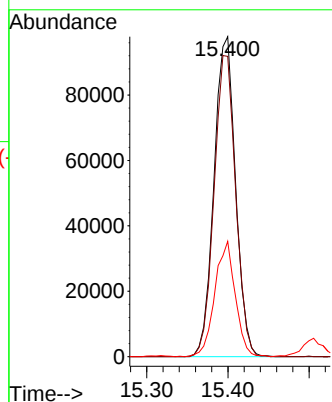
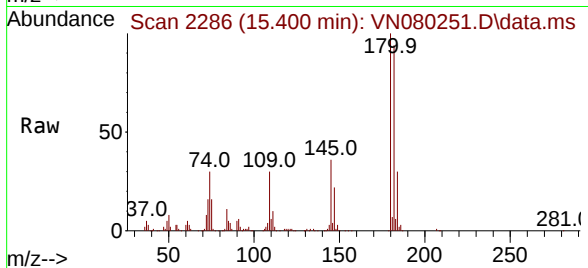
145 34.4 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#94

Hexachlorobutadiene

Concen: 41.387 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.005 min

Lab File: VN080251.D

Acq: 22 Nov 2023 16:42

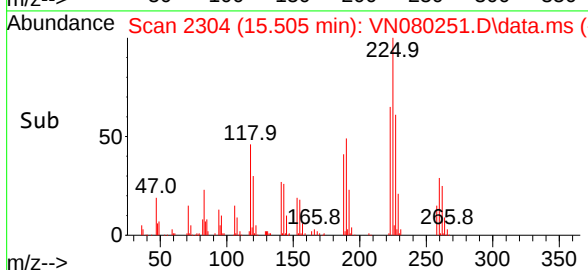
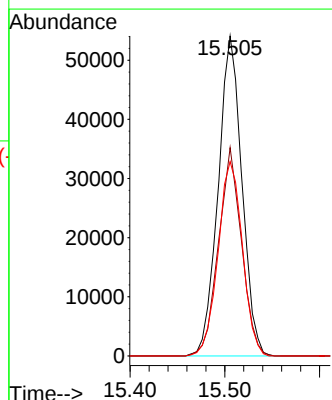
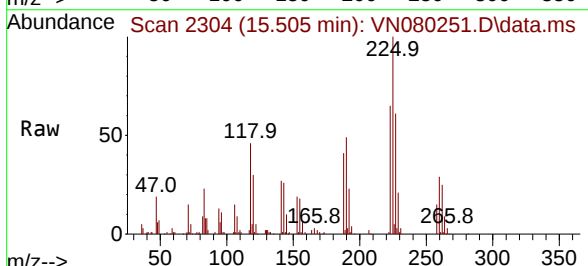
Tgt Ion:225 Resp: 94320

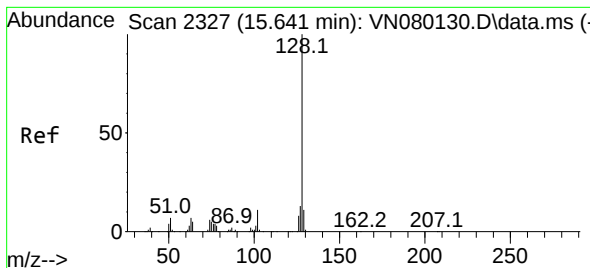
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

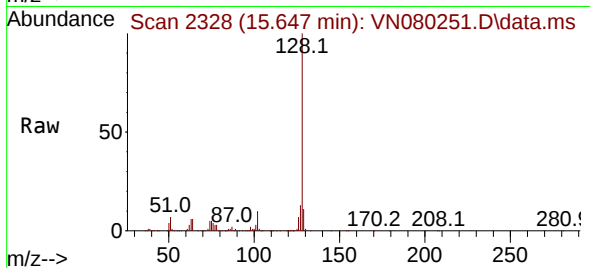
227 62.3 31.9 95.9





#95
Naphthalene
Concen: 47.227 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

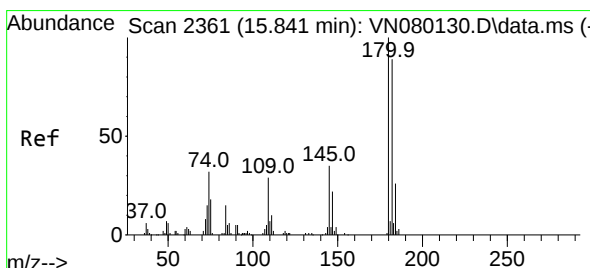
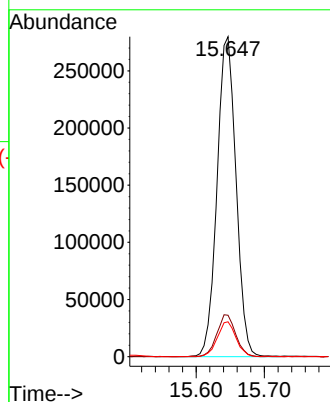
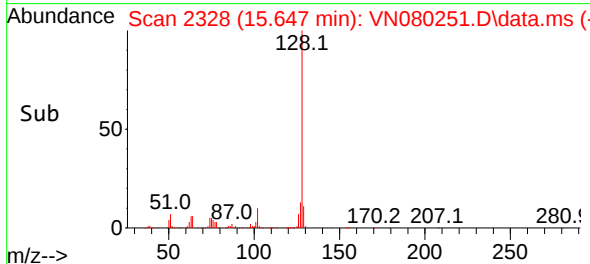
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 54234
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.644 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080251.D
Acq: 22 Nov 2023 16:42

Tgt Ion:180 Resp: 173140
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 36.0 17.5 52.6

