

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076680.D
 Acq On : 15 Feb 2023 11:59
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 15 12:20:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 15 11:41:11 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2023
 Supervised By : Mahesh Dadoda 02/18/2023

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

Internal Standards						
1) Bromochloromethane	7.813	128	42244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	289152	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	334297	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	103307	20.749	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	69.167%#		
60) 4-Bromofluorobenzene	12.848	95	178429	23.642	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	78.800%		
63) Toluene-d8	10.572	98	327736	26.700	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	89.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	688610	117.772	ug/l	95
3) Chloromethane	2.372	50	807849	114.908	ug/l	99
4) Vinyl Chloride	2.525	62	798998	130.161	ug/l	93
5) Bromomethane	2.919	94	459791	149.195	ug/l	90
6) Chloroethane	3.102	64	498426	140.951	ug/l	97
7) Trichlorofluoromethane	3.496	101	1065626	102.233	ug/l	99
8) Diethyl Ether	3.972	74	434118	131.308	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.372	101	635755	126.705	ug/l	96
10) 1,1-Dichloroethene	4.343	96	625524	132.661	ug/l	97
11) Methyl Iodide	4.596	142	994047	145.106	ug/l	91
12) Methyl Acetate	5.031	43	1240440	125.361	ug/l	97
13) Acrolein	4.184	56	723607	570.948	ug/l	100
14) Acrylonitrile	5.731	53	1937984	668.513	ug/l	100
15) Acetone	4.437	58	525507	627.825	ug/l	99
16) Carbon Disulfide	4.719	76	1769413	136.542	ug/l	97
17) Allyl chloride	5.031	41	1099314	120.935	ug/l	96
18) Methylene Chloride	5.284	84	727630	130.410	ug/l	94
19) trans-1,2-Dichloroethene	5.796	96	672458	138.827	ug/l	95
20) Diisopropyl ether	6.678	45	2532571	122.055	ug/l	94
21) 1,1-Dichloroethane	6.572	63	1306021	115.424	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	791521	136.375	ug/l	96
23) tert-Butyl Alcohol	5.537	59	602397	619.253	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	2184571	128.643	ug/l	96
25) Chloroform	7.972	83	1285373	114.804	ug/l	98
26) Cyclohexane	8.260	56	1205112	120.023	ug/l #	94
29) 1,1-Dichloropropene	8.378	75	993529	132.745	ug/l	97
30) 2-Butanone	7.490	43	2732339	676.328	ug/l	99
31) 2,2-Dichloropropane	7.601	77	3030	0.390	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	1138157	122.566	ug/l	97
33) Carbon Tetrachloride	8.366	117	1015874	126.811	ug/l	95
34) Benzene	8.613	78	3001867	130.534	ug/l	97
35) Methacrylonitrile	7.784	41	640773	137.943	ug/l	99
36) 1,2-Dichloroethane	8.672	62	988650	112.108	ug/l	98
37) Trichloroethene	9.354	130	731835	155.428	ug/l	97
38) Methylcyclohexane	9.607	83	1266035	152.826	ug/l	99
39) 1,2-Dichloropropane	9.625	63	784297	142.910	ug/l	94
40) Dibromomethane	9.713	93	515031	142.650	ug/l	93
41) Bromodichloromethane	9.889	83	1044540	137.596	ug/l	99
42) Vinyl Acetate	6.613	43	8862529	674.426	ug/l	100

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC150

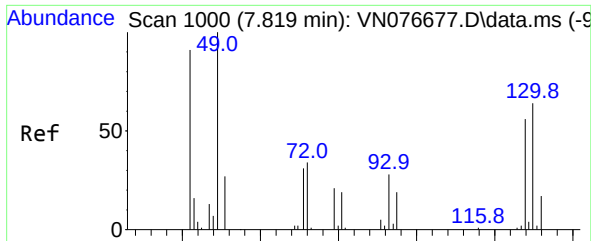
Quant Time: Feb 15 12:20:28 2023
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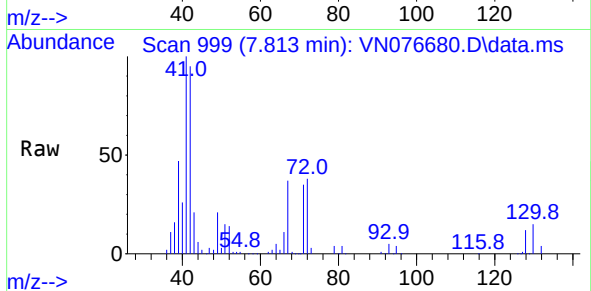
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	1093123	132.694	ug/l	97
44) Isopropyl Acetate	8.695	43	1859029	137.191	ug/l	99
45) 1,4-Dioxane	9.695	88	298136	2698.963	ug/l	96
46) Methyl methacrylate	9.684	41	864132	132.262	ug/l	99
47) n-amyl Acetate	12.495	43	1817732	157.816	ug/l	97
48) t-1,3-Dichloropropene	10.836	75	1174022	153.635	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	1257369	148.846	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	724194	147.696	ug/l	99
51) Ethyl methacrylate	10.878	69	1203157	154.534	ug/l	97
52) 1,3-Dichloropropane	11.166	76	1258707	137.714	ug/l	100
53) Dibromochloromethane	11.360	129	826510	162.220	ug/l	97
54) 1,2-Dibromoethane	11.472	107	758598	152.892	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	2611197	734.249	ug/l	99
56) Bromoform	12.583	173	631470	192.438	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	5713386	611.372	ug/l	99
59) 2-Hexanone	11.201	43	4218356	620.829	ug/l	99
61) Tetrachloroethene	11.107	164	610686	142.909	ug/l	94
62) Toluene	10.631	91	3246169	130.972	ug/l	100
64) Chlorobenzene	11.895	112	2030875	141.446	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	732049	134.488	ug/l	97
66) Ethyl Benzene	11.966	91	3647663	134.246	ug/l	98
67) m/p-Xylenes	12.072	106	2792274	273.894	ug/l	97
68) o-Xylene	12.401	106	1397128	139.105	ug/l	97
69) Styrene	12.413	104	2353712	147.641	ug/l	99
70) Isopropylbenzene	12.701	105	3693708	137.235	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	1152712	122.840	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	1081912m	126.236	ug/l	
73) Bromobenzene	12.983	156	859667	134.604	ug/l	97
74) n-propylbenzene	13.036	91	4437735	128.554	ug/l	97
75) 2-Chlorotoluene	13.130	91	2535514	116.764	ug/l	96
76) 1,3,5-Trimethylbenzene	13.177	105	3085724	122.772	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	399170	154.412	ug/l	93
78) 4-Chlorotoluene	13.224	91	2535232	116.114	ug/l	100
79) tert-butylbenzene	13.442	119	2765278	129.621	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	3066258	123.707	ug/l	100
81) sec-Butylbenzene	13.619	105	4062858	136.009	ug/l	98
82) p-Isopropyltoluene	13.730	119	3386292	141.081	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	1649296	139.619	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	1704944	144.664	ug/l	97
85) n-Butylbenzene	14.060	91	3153258	141.470	ug/l	98
86) Hexachloroethane	14.336	117	643268	138.026	ug/l	93
87) 1,2-Dichlorobenzene	14.107	146	1706562	131.604	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	240222	125.592	ug/l	84
89) 1,2,4-Trichlorobenzene	15.395	180	1014528	187.593	ug/l	100
90) Hexachlorobutadiene	15.507	225	446408	170.865	ug/l	95
91) Naphthalene	15.642	128	3282881	177.913	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	983336	182.177	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

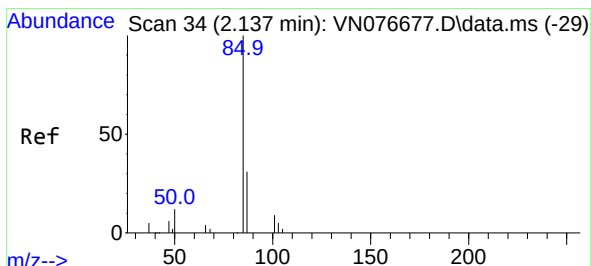
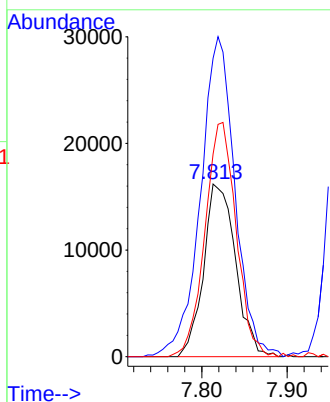
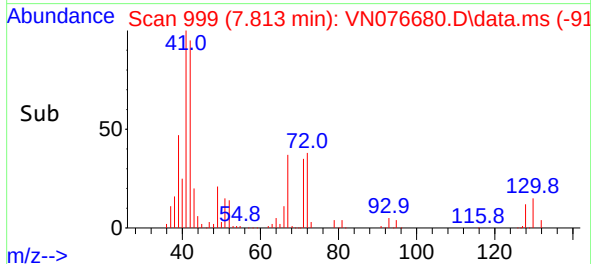
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 42244
Ion Ratio Lower Upper
128 100
49 198.2 0.0 461.8
130 132.4 0.0 295.3

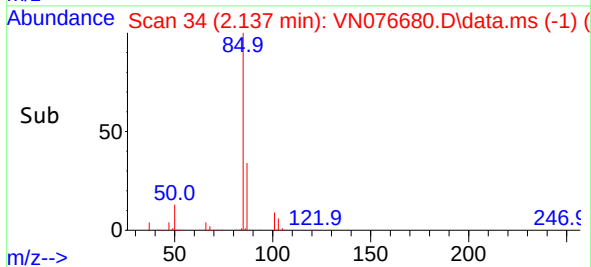
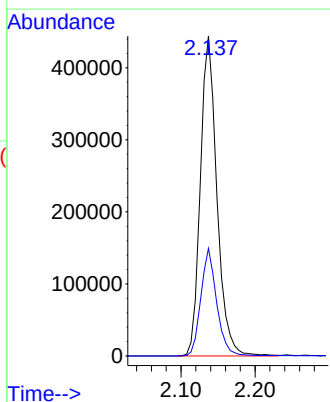
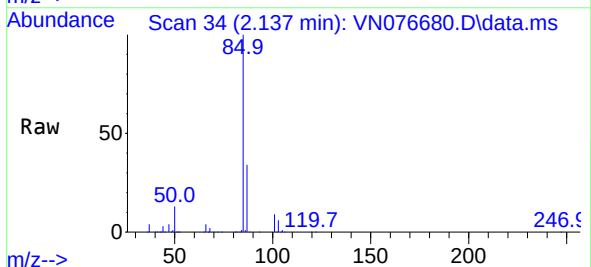
Manual Integrations
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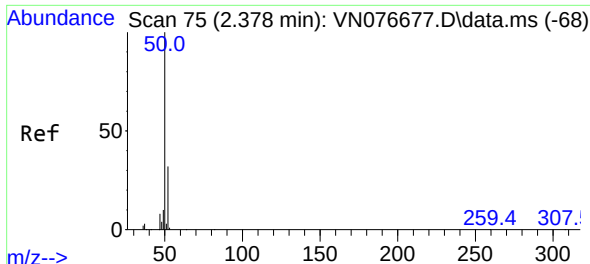
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 117.772 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

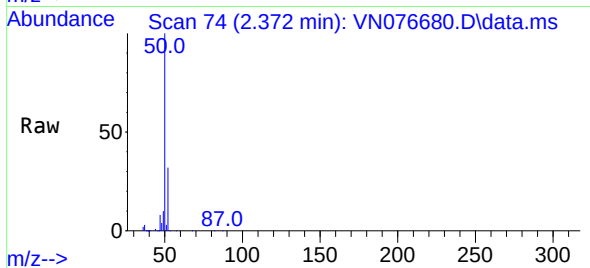
Tgt Ion: 85 Resp: 688610
Ion Ratio Lower Upper
85 100
87 33.6 15.4 46.1





#3
Chloromethane
Concen: 114.908 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

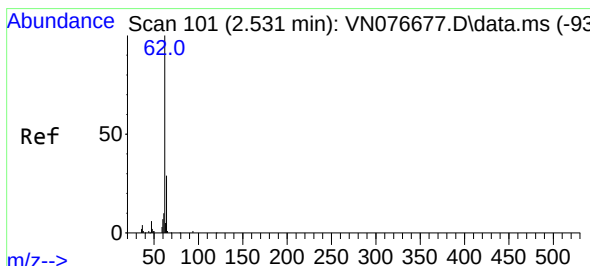
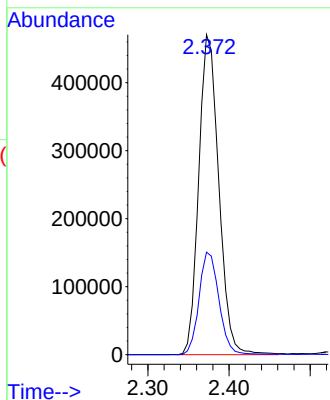
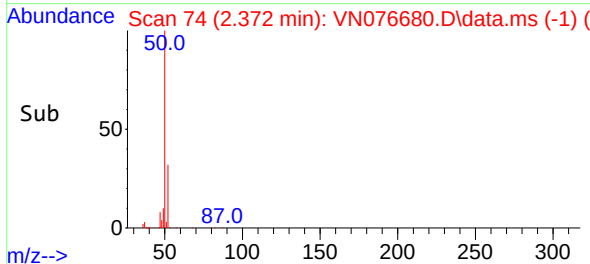
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



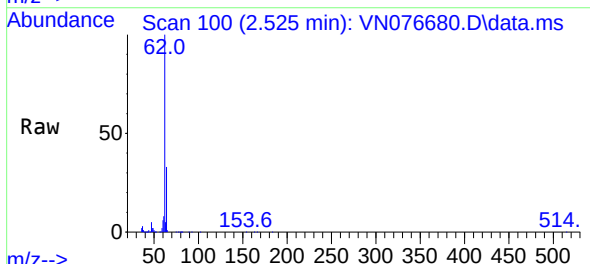
Tgt Ion: 50 Resp: 807849
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9

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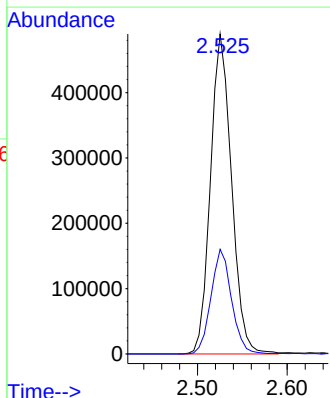
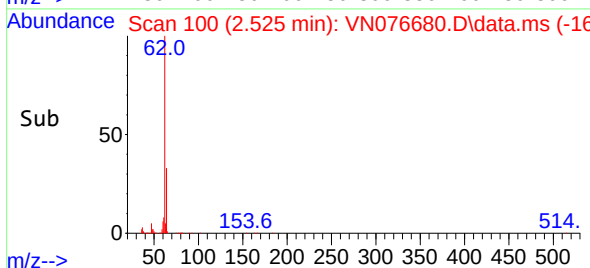
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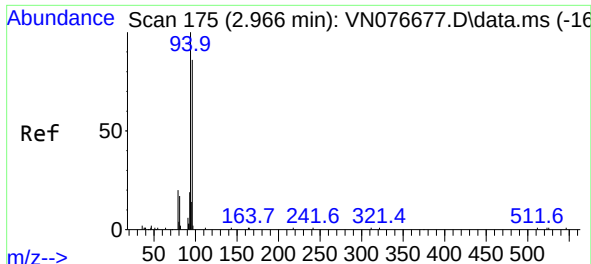


#4
Vinyl Chloride
Concen: 130.161 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



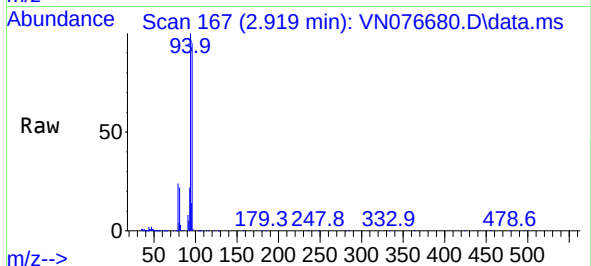
Tgt Ion: 62 Resp: 798998
Ion Ratio Lower Upper
62 100
64 32.7 23.1 34.7





#5
Bromomethane
Concen: 149.195 ug/l
RT: 2.919 min Scan# 10
Delta R.T. -0.047 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

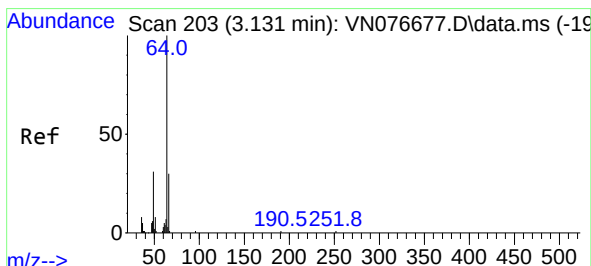
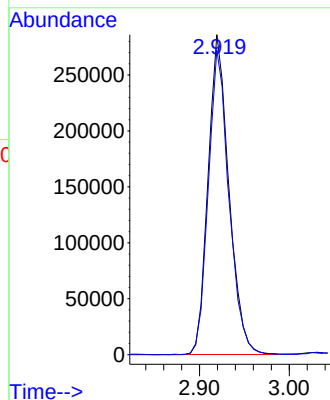
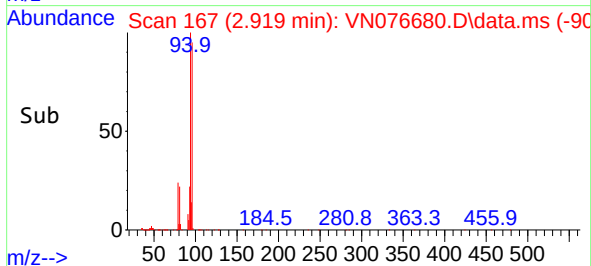
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 45979
Ion Ratio Lower Upper
94 100
96 95.3 68.6 103.0

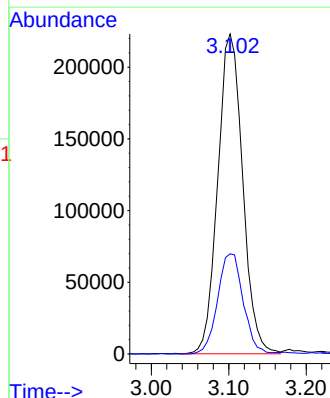
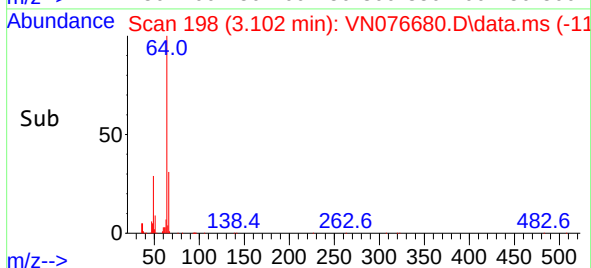
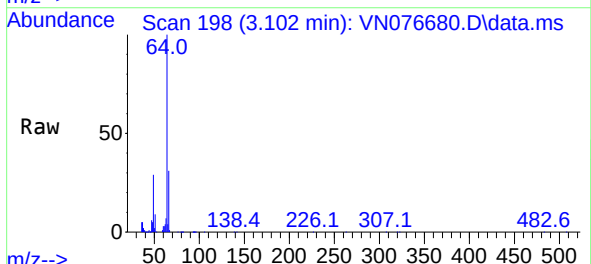
Manual Integrations
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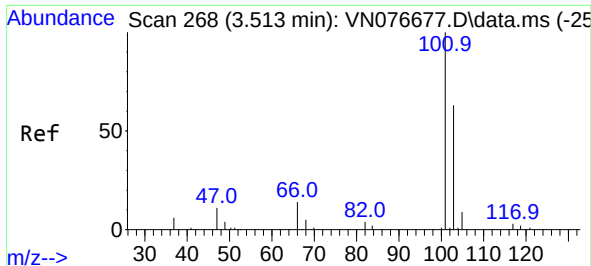
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#6
Chloroethane
Concen: 140.951 ug/l
RT: 3.102 min Scan# 198
Delta R.T. -0.029 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 64 Resp: 498426
Ion Ratio Lower Upper
64 100
66 31.3 23.8 35.6





#7
Trichlorofluoromethane
Concen: 102.233 ug/l
RT: 3.496 min Scan# 265
Delta R.T. -0.018 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

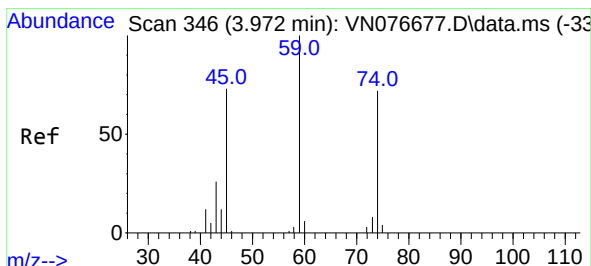
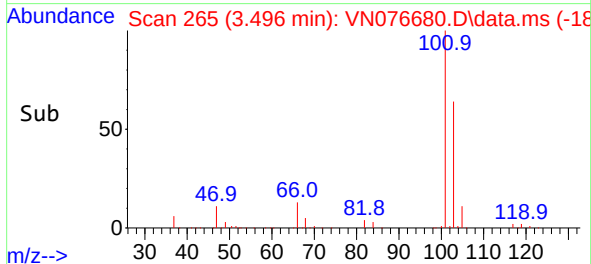
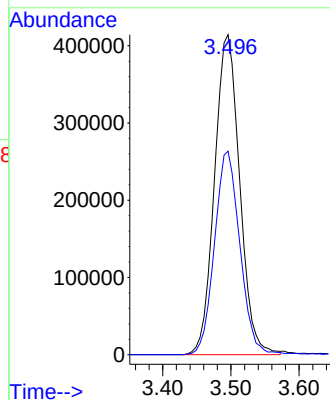
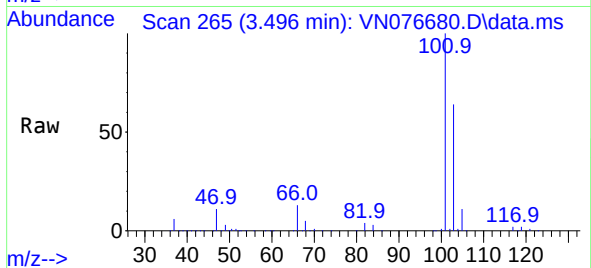
VSTDICC150

Tgt Ion:101 Resp: 1065620
Ion Ratio Lower Upper
101 100
103 63.6 50.2 75.2

Manual Integrations

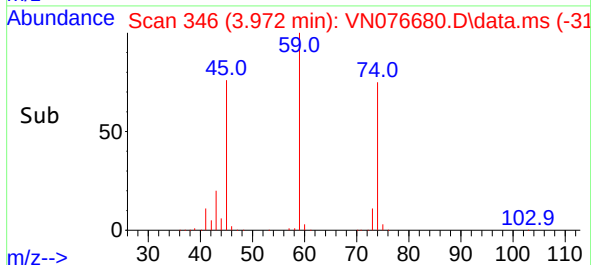
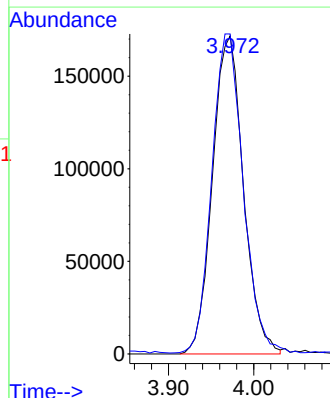
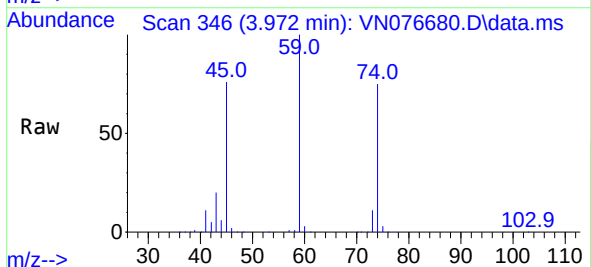
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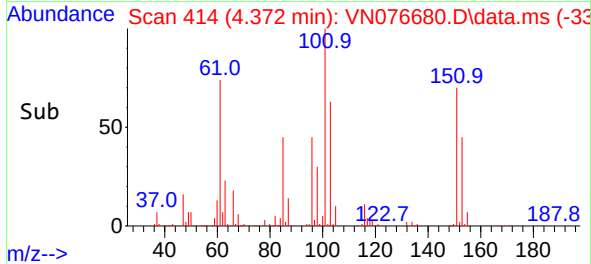
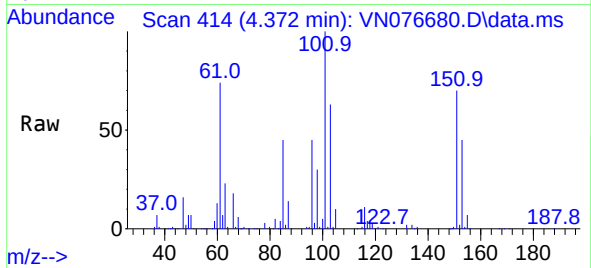
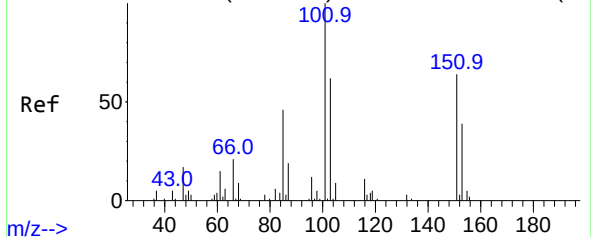


#8
Diethyl Ether
Concen: 131.308 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 74 Resp: 434118
Ion Ratio Lower Upper
74 100
45 101.9 21.4 193.0



Abundance Scan 417 (4.390 min): VN076677.D\data.ms (-40



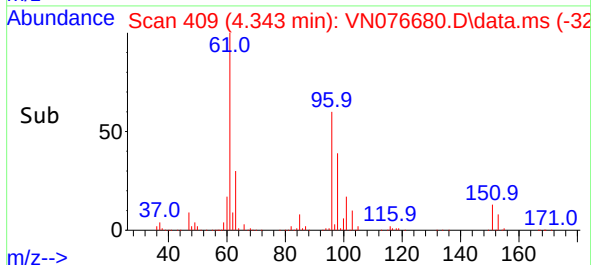
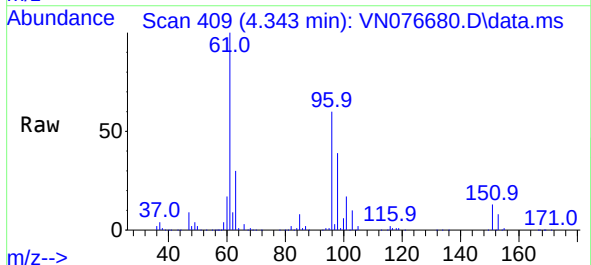
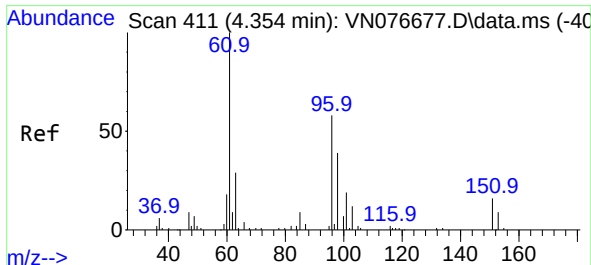
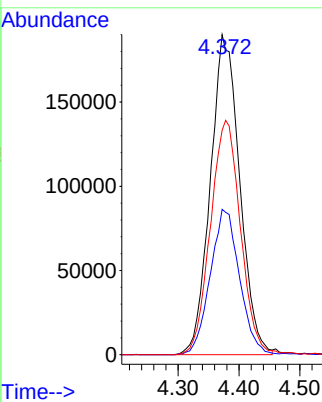
#9
1,1,2-Trichlorotrifluoroethane
Concen: 126.705 ug/l
RT: 4.372 min Scan# 417
Delta R.T. -0.018 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 63575
Ion Ratio Lower Upper
101 100
85 45.3 0.0 95.2
151 74.5 0.0 142.2

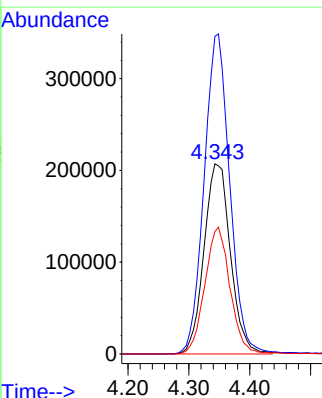
Manual Integrations
APPROVED

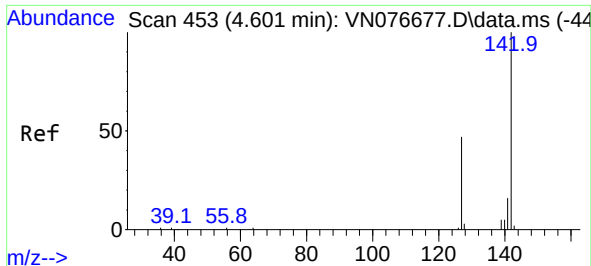
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
1,1-Dichloroethene
Concen: 132.661 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

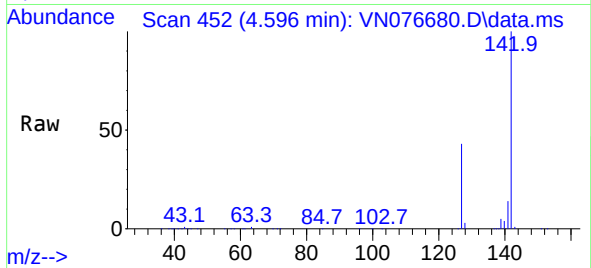
Tgt Ion: 96 Resp: 625524
Ion Ratio Lower Upper
96 100
61 167.0 137.1 205.7
98 64.3 53.2 79.8





#11
Methyl Iodide
Concen: 145.106 ug/l
RT: 4.596 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

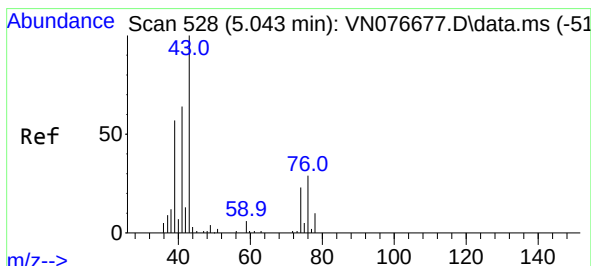
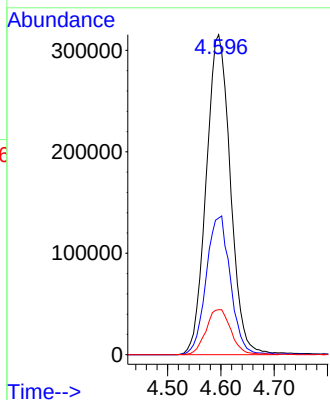
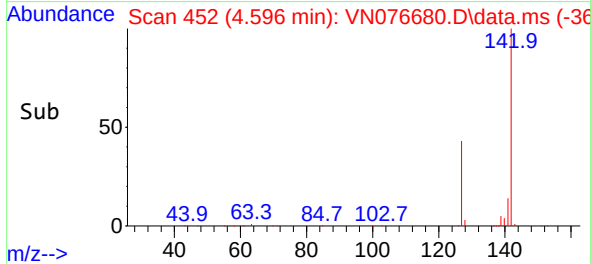
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



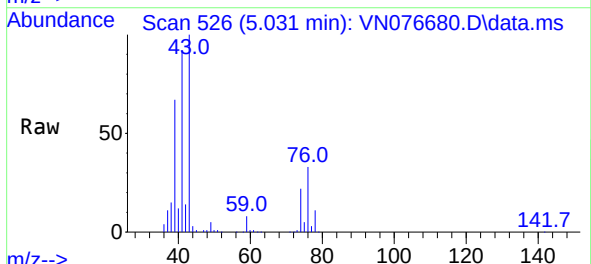
Tgt Ion:142 Resp: 99404
Ion Ratio Lower Upper
142 100
127 42.7 25.0 75.0
141 14.0 8.0 24.0

Manual Integrations
APPROVED

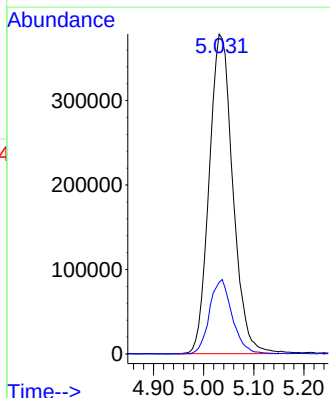
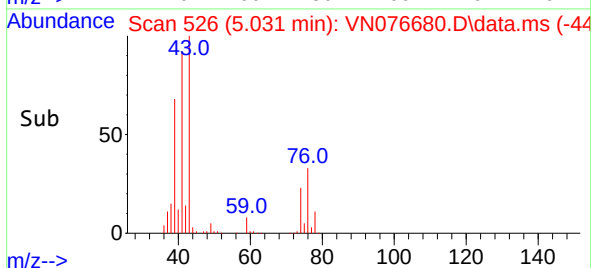
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

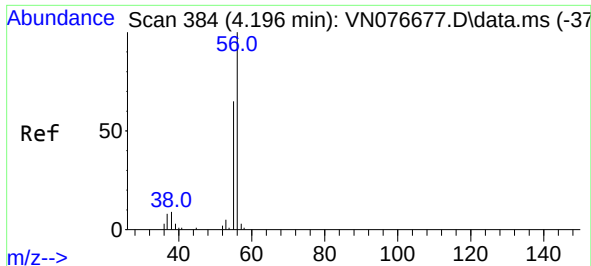


#12
Methyl Acetate
Concen: 125.361 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



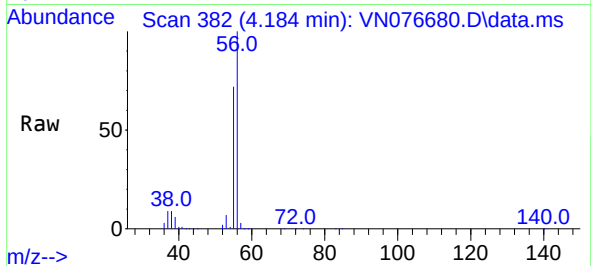
Tgt Ion: 43 Resp: 1240440
Ion Ratio Lower Upper
43 100
74 22.4 19.0 28.4





#13
Acrolein
Concen: 570.948 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.012 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

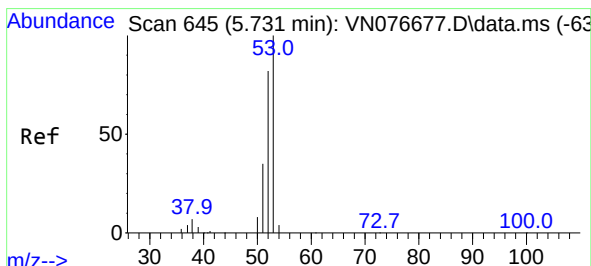
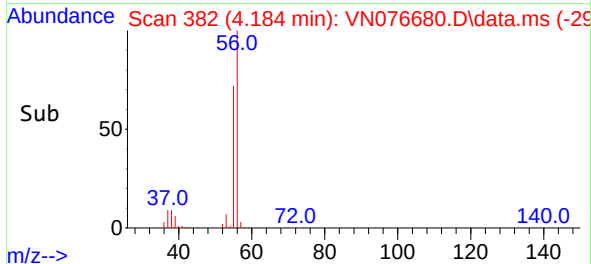
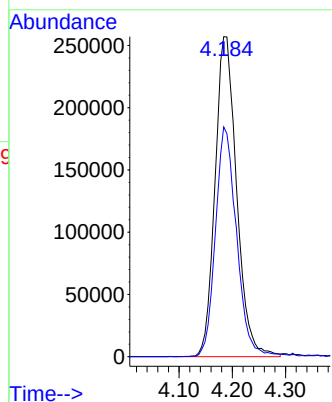
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 723607
Ion Ratio Lower Upper
56 100
55 69.0 55.0 82.4

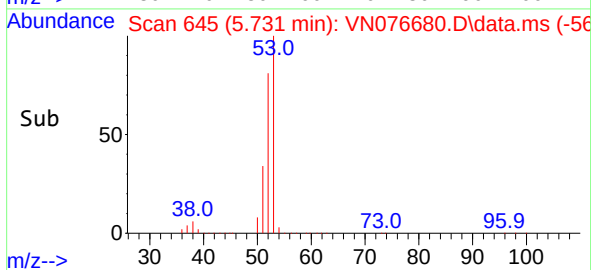
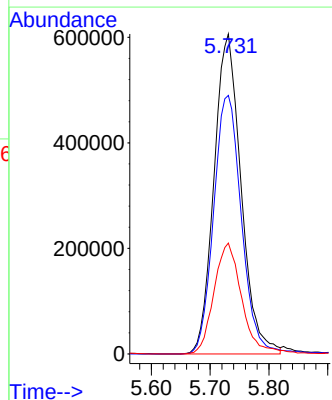
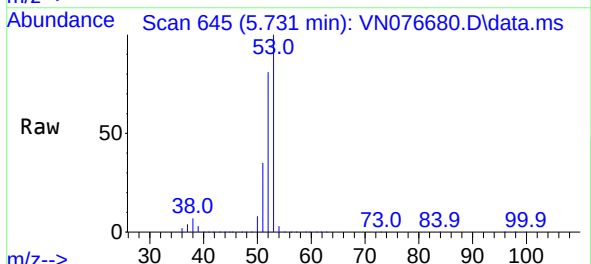
Manual Integrations
APPROVED

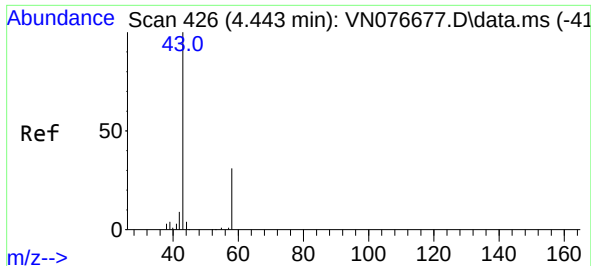
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#14
Acrylonitrile
Concen: 668.513 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 53 Resp: 1937984
Ion Ratio Lower Upper
53 100
52 82.9 41.5 124.6
51 35.7 17.6 52.8





#15

Acetone

Concen: 627.825 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN076680.D

Acq: 15 Feb 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 58 Resp: 52550

Ion Ratio Lower Upper

58 100

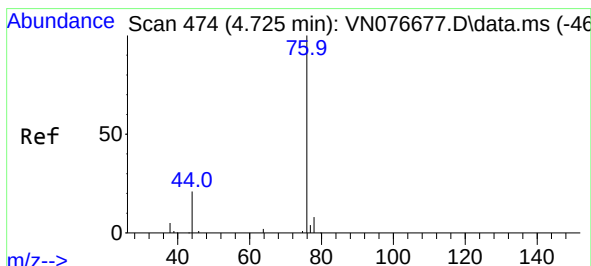
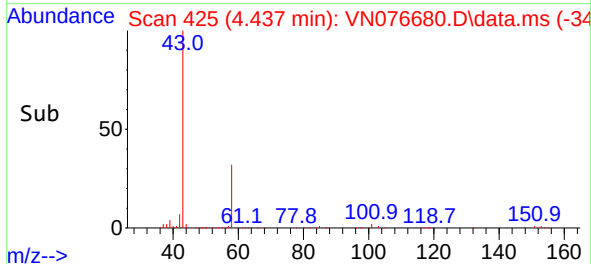
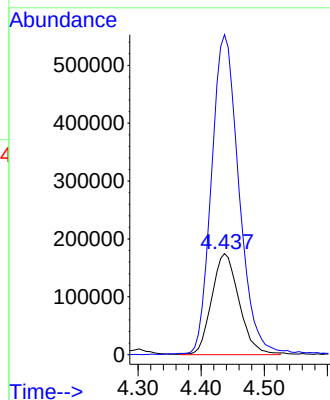
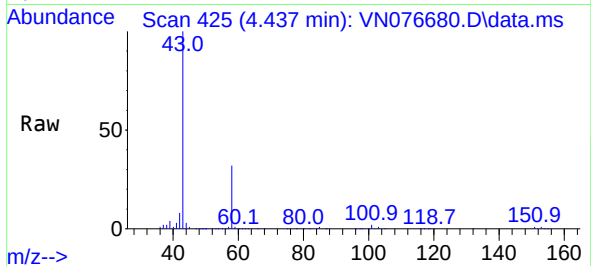
43 316.4 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#16

Carbon Disulfide

Concen: 136.542 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.006 min

Lab File: VN076680.D

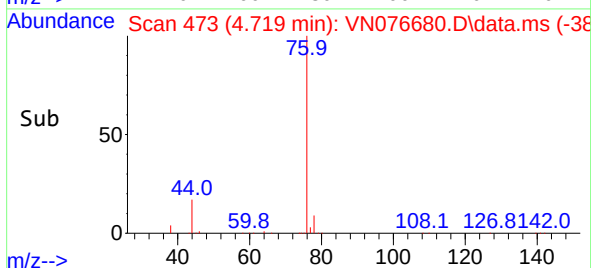
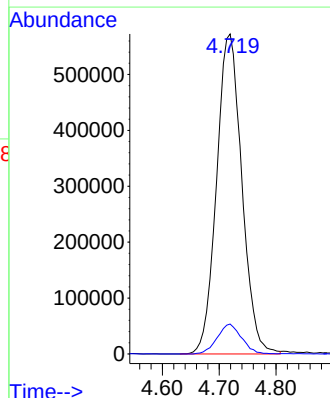
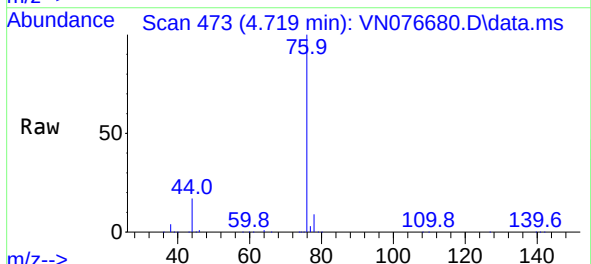
Acq: 15 Feb 2023 11:59

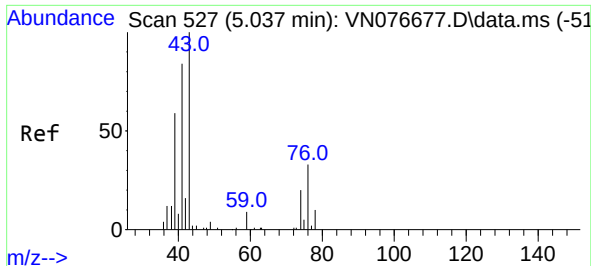
Tgt Ion: 76 Resp: 1769413

Ion Ratio Lower Upper

76 100

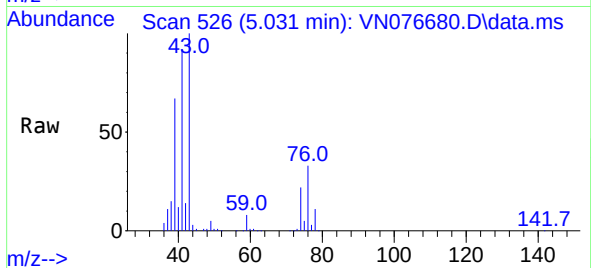
78 9.3 6.6 9.8





#17
Allyl chloride
Concen: 120.935 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

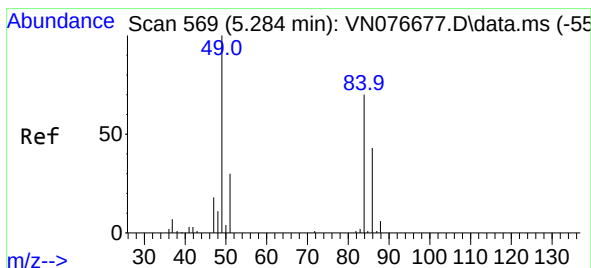
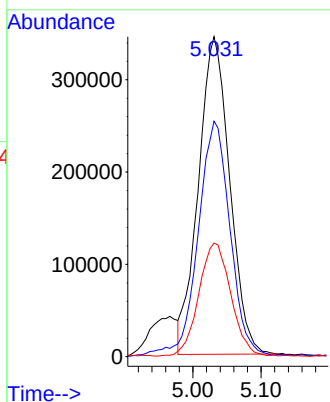
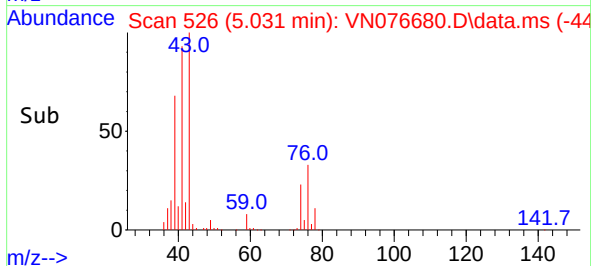
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 1099314
Ion Ratio Lower Upper
41 100
39 73.5 34.8 104.3
76 35.5 17.5 52.5

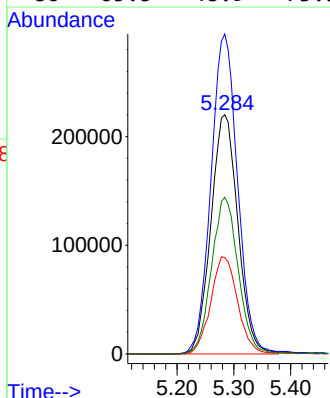
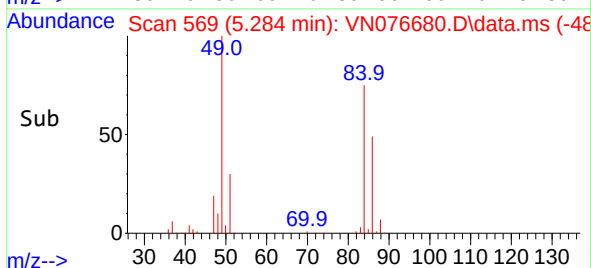
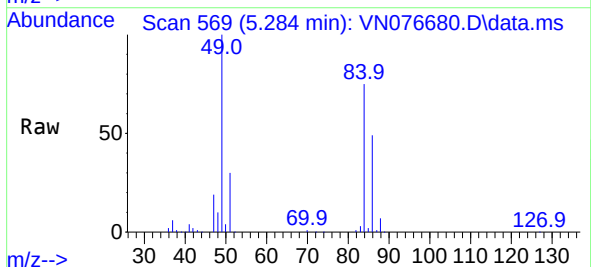
Manual Integrations
APPROVED

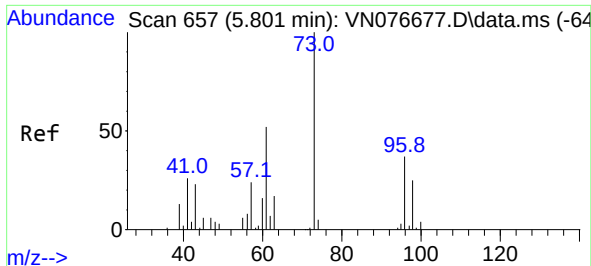
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#18
Methylene Chloride
Concen: 130.410 ug/l
RT: 5.284 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 84 Resp: 727630
Ion Ratio Lower Upper
84 100
49 133.6 113.8 170.6
51 40.3 34.2 51.4
86 65.5 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 138.827 ug/l

RT: 5.796 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN076680.D

Acq: 15 Feb 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 672458

Ion Ratio Lower Upper

96 100

61 133.1 111.0 166.4

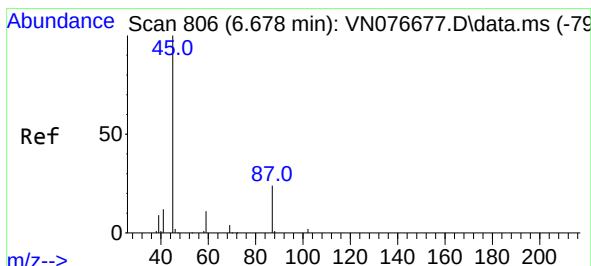
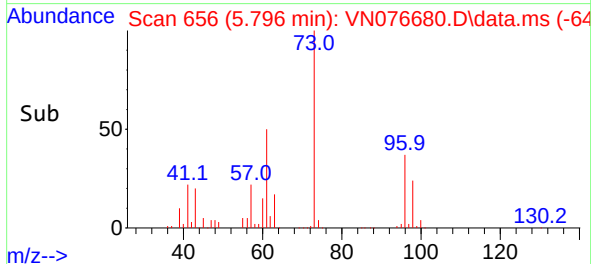
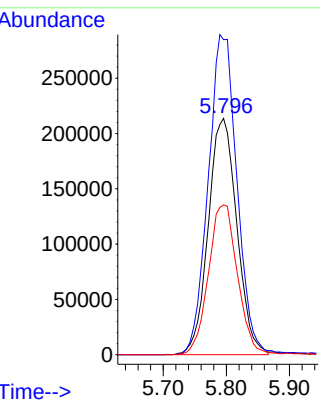
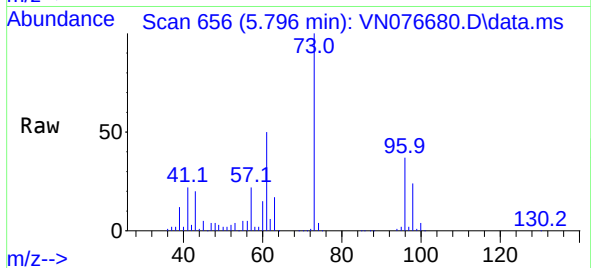
98 63.4 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#20

Diisopropyl ether

Concen: 122.055 ug/l

RT: 6.678 min Scan# 806

Delta R.T. 0.000 min

Lab File: VN076680.D

Acq: 15 Feb 2023 11:59

Tgt Ion: 45 Resp: 2532571

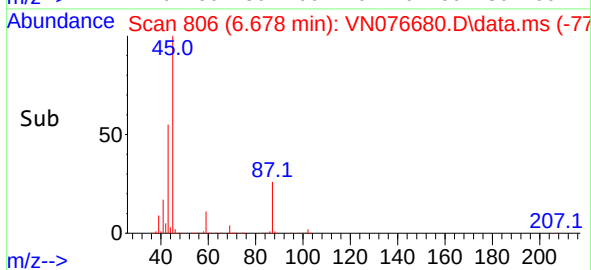
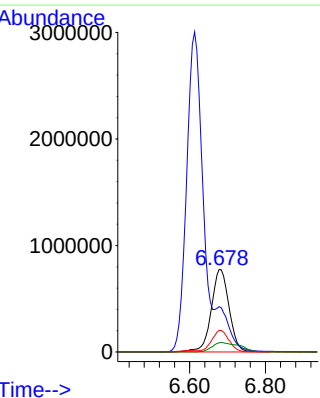
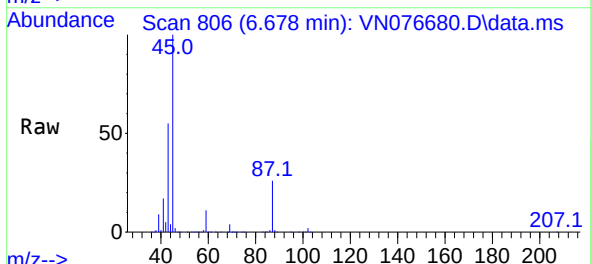
Ion Ratio Lower Upper

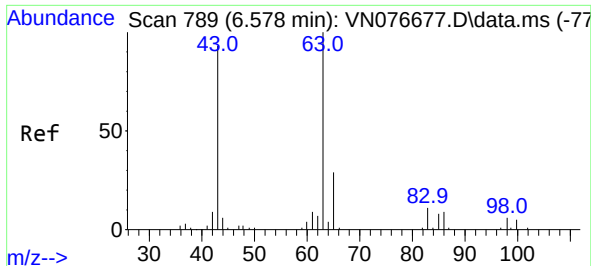
45 100

43 54.7 38.6 58.0

87 26.1 20.1 30.1

59 11.0 8.3 12.5





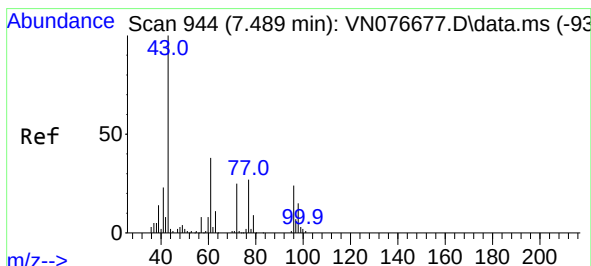
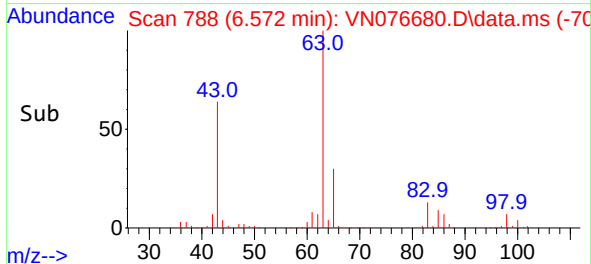
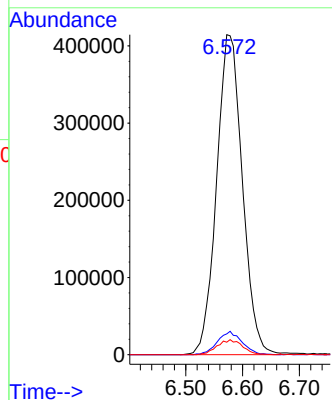
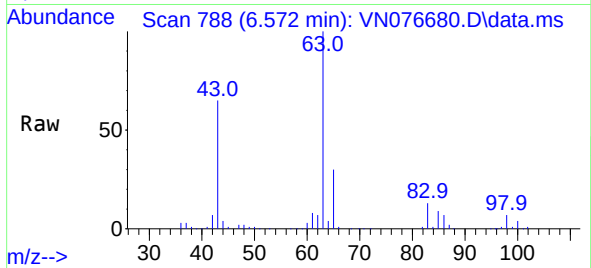
#21
1,1-Dichloroethane
Concen: 115.424 ug/l
RT: 6.572 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 130602
Ion Ratio Lower Upper
63 100
98 6.5 3.6 10.9
100 3.9 2.6 7.8

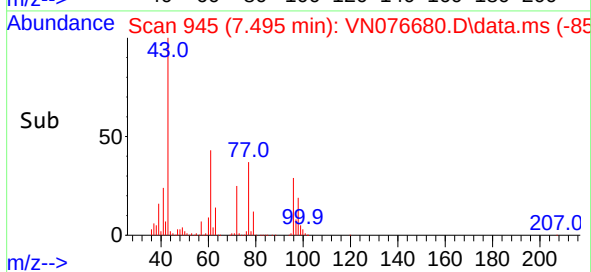
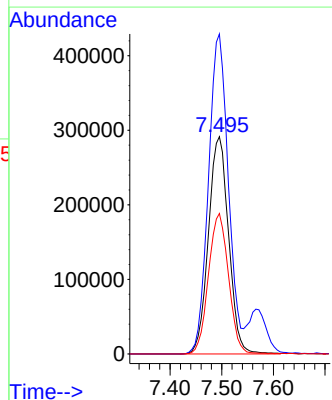
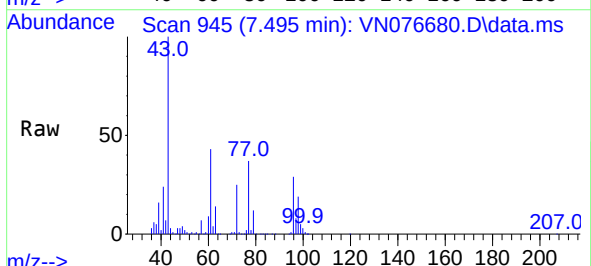
Manual Integrations
APPROVED

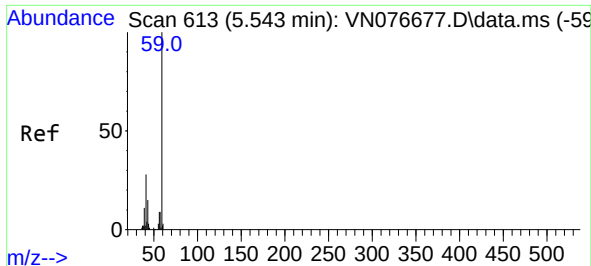
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#22
cis-1,2-Dichloroethene
Concen: 136.375 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

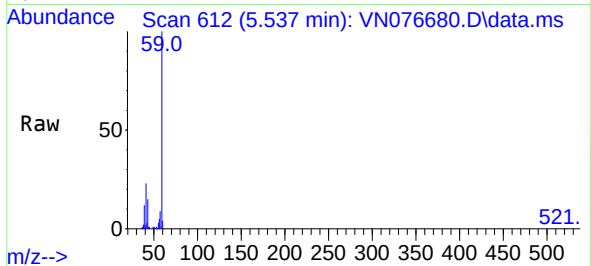
Tgt Ion: 96 Resp: 791521
Ion Ratio Lower Upper
96 100
61 145.2 121.0 181.4
98 64.1 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 619.253 ug/l
RT: 5.537 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

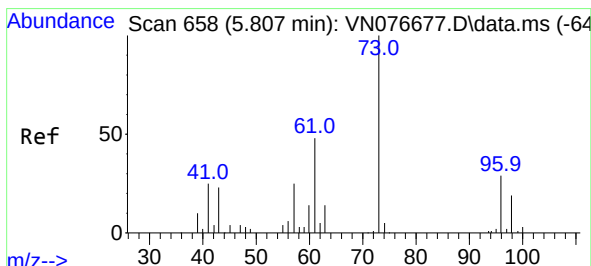
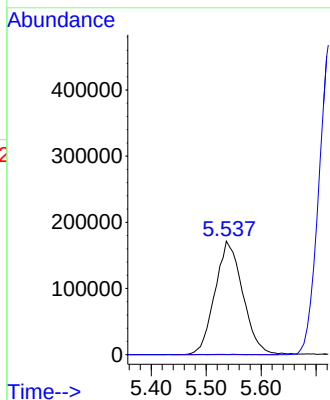
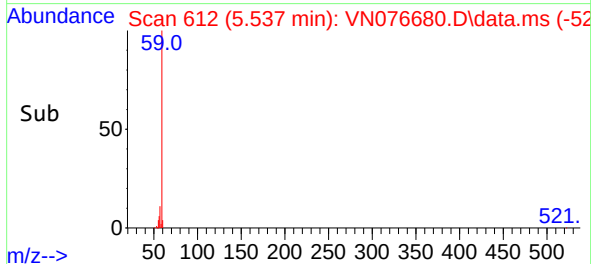
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



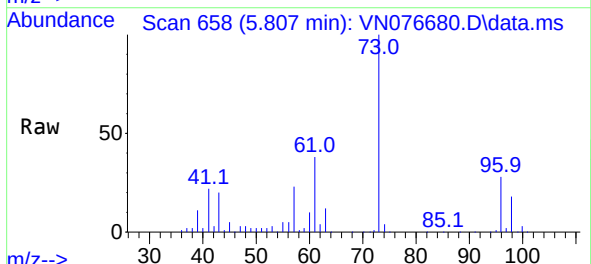
Tgt Ion: 59 Resp: 602397
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

Manual Integrations
APPROVED

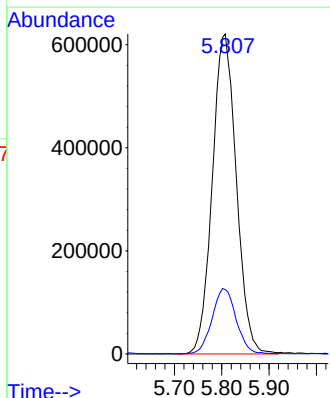
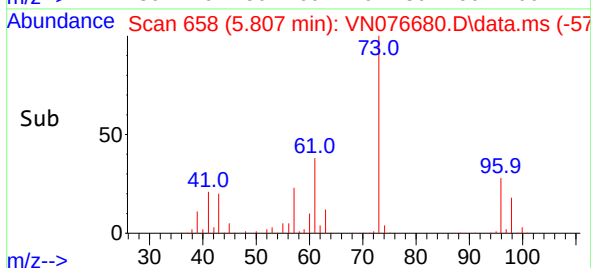
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

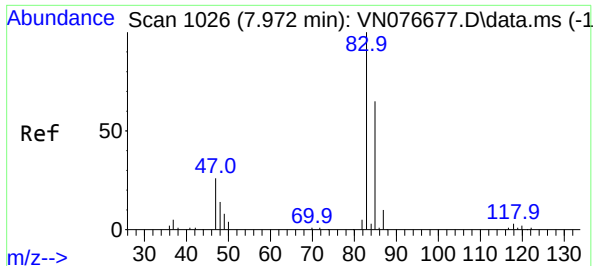


#24
Methyl tert-Butyl Ether
Concen: 128.643 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



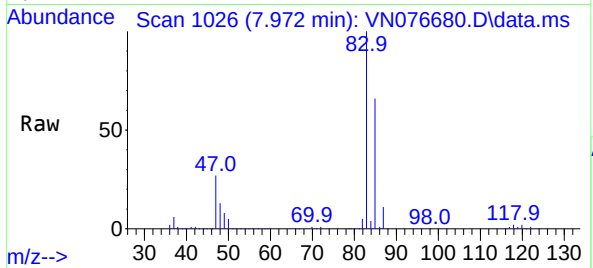
Tgt Ion: 73 Resp: 2184571
Ion Ratio Lower Upper
73 100
43 20.3 17.8 26.6





#25
Chloroform
Concen: 114.804 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

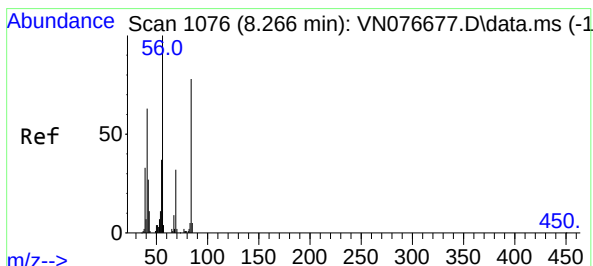
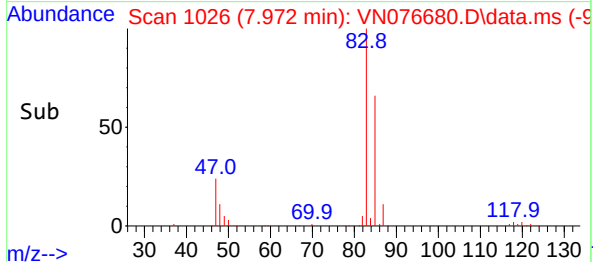
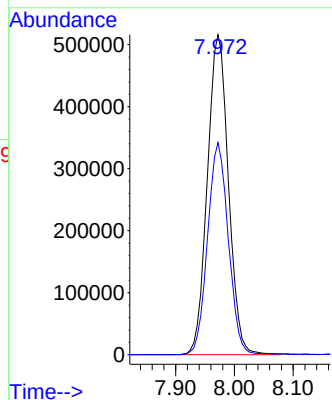
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 128537
Ion Ratio Lower Upper
83 100
85 66.3 51.8 77.6

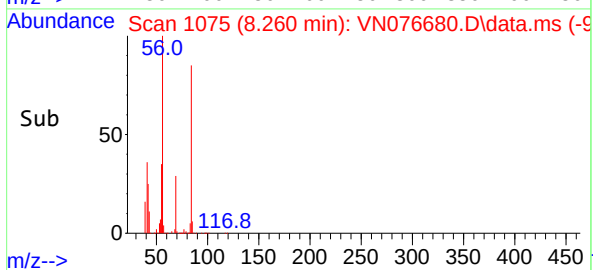
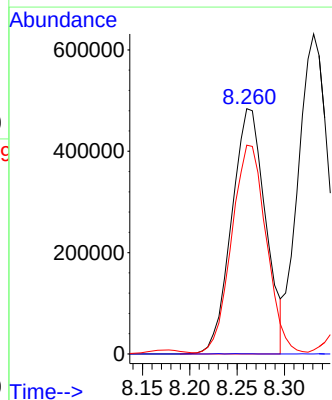
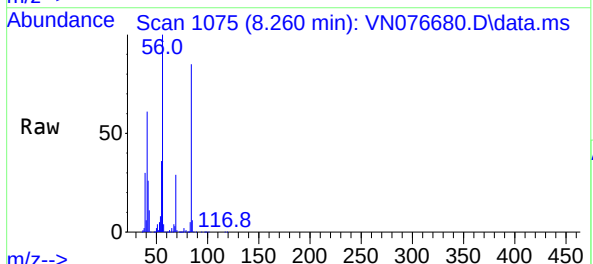
Manual Integrations
APPROVED

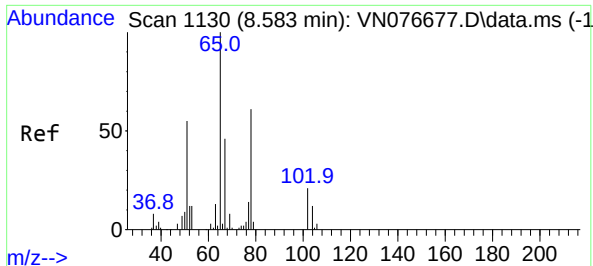
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#26
Cyclohexane
Concen: 120.023 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 56 Resp: 1205112
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 87.2 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 20.749 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

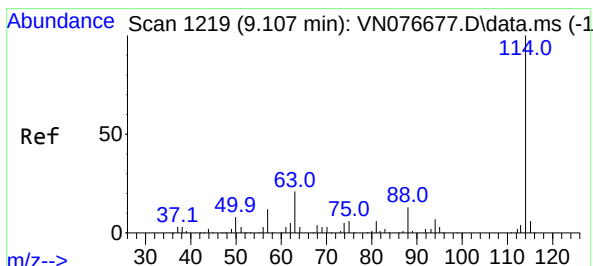
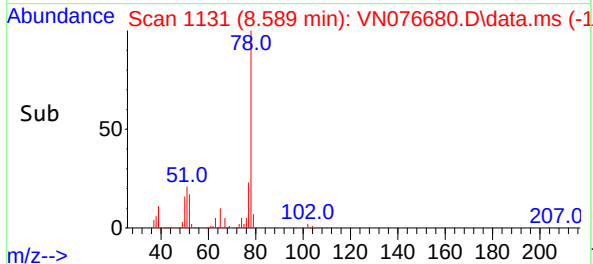
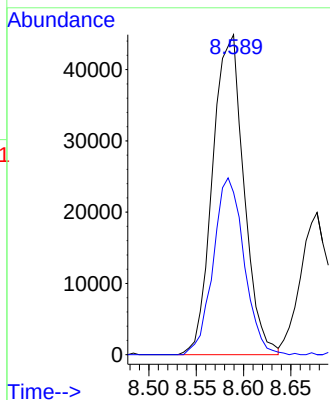
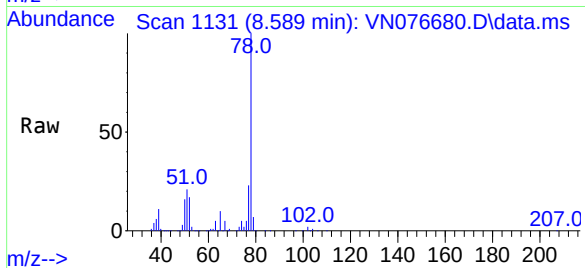
VSTDICC150

Tgt Ion: 65 Resp: 10330
Ion Ratio Lower Upper
65 100
67 54.4 40.9 61.3

Manual Integrations

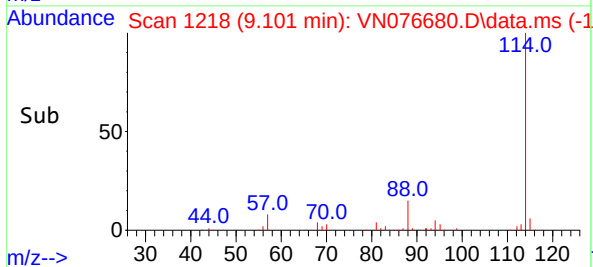
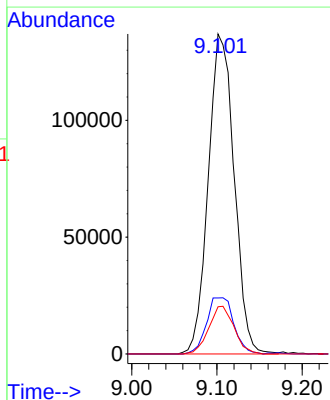
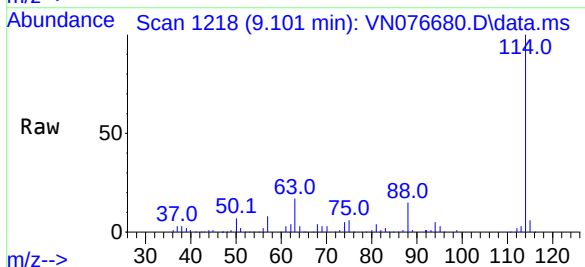
APPROVED

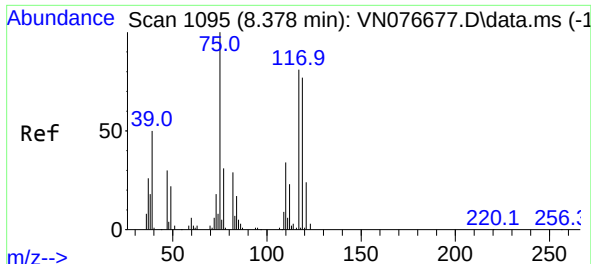
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.101 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

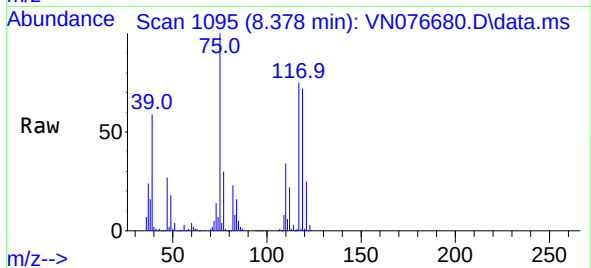
Tgt Ion:114 Resp: 289152
Ion Ratio Lower Upper
114 100
63 18.5 17.0 25.4
88 14.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 132.745 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

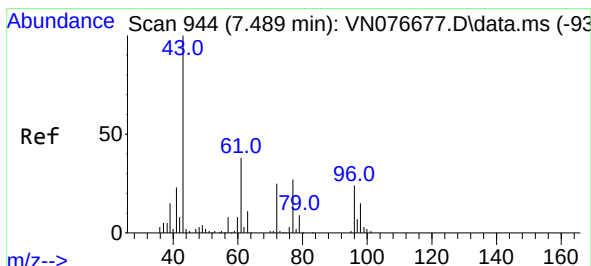
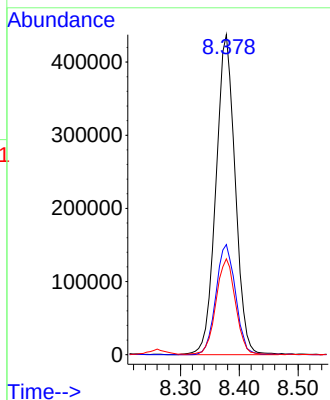
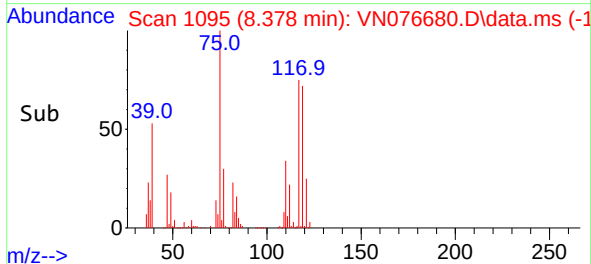
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



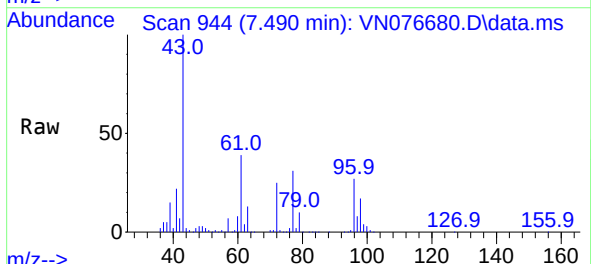
Tgt Ion: 75 Resp: 993529
Ion Ratio Lower Upper
75 100
110 35.0 0.0 67.2
77 30.3 0.0 64.4

Manual Integrations
APPROVED

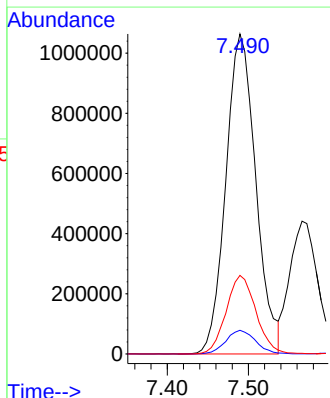
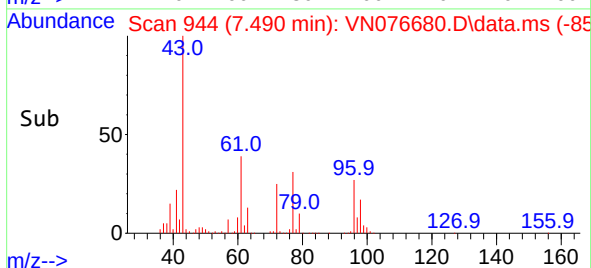
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

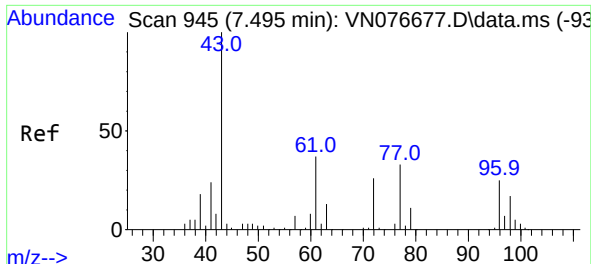


#30
2-Butanone
Concen: 676.328 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



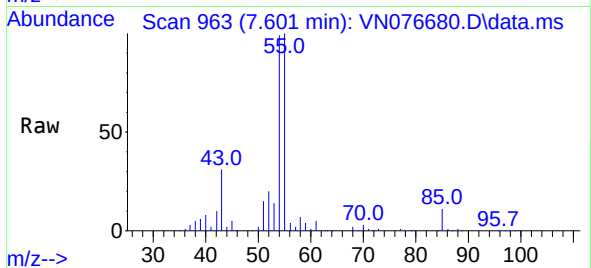
Tgt Ion: 43 Resp: 2732339
Ion Ratio Lower Upper
43 100
57 7.4 6.1 9.1
72 24.5 20.2 30.4





#31
2,2-Dichloropropane
Concen: 0.390 ug/l
RT: 7.601 min Scan# 90
Delta R.T. 0.106 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

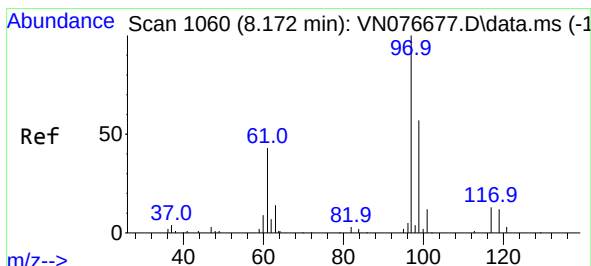
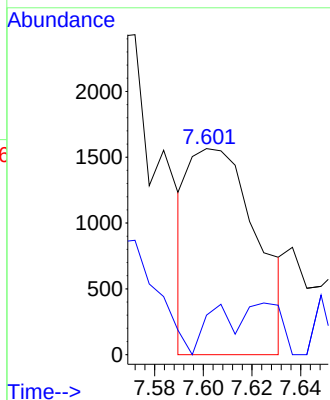
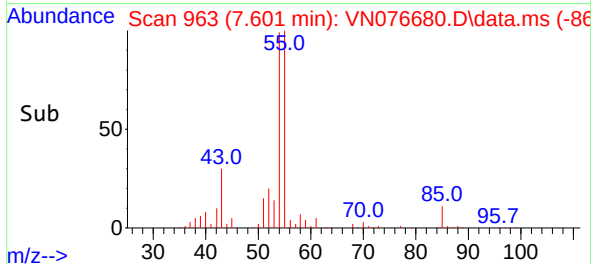
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



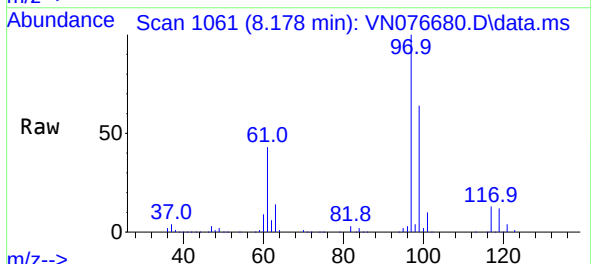
Tgt Ion: 77 Resp: 3030
Ion Ratio Lower Upper
77 100
97 9.8 7.2 10.8

Manual Integrations
APPROVED

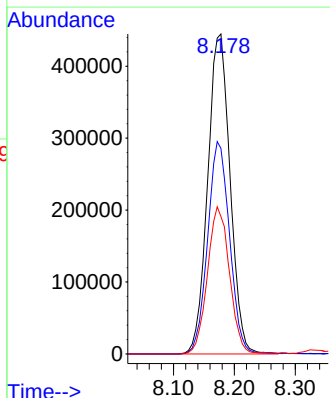
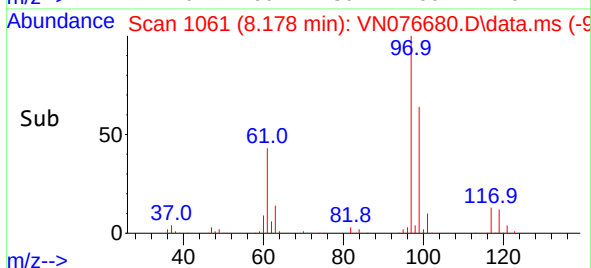
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

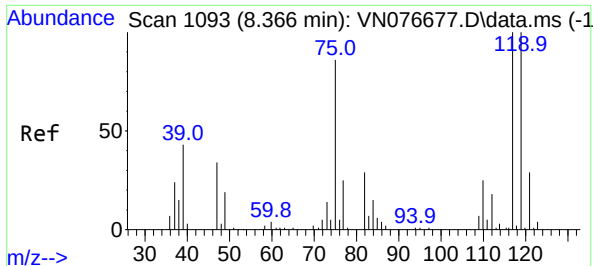


#32
1,1,1-Trichloroethane
Concen: 122.566 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



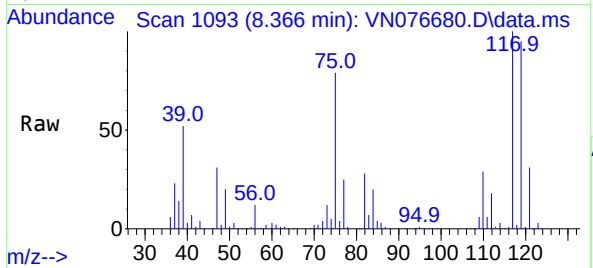
Tgt Ion: 97 Resp: 1138157
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 45.1 39.3 58.9





#33
Carbon Tetrachloride
Concen: 126.811 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

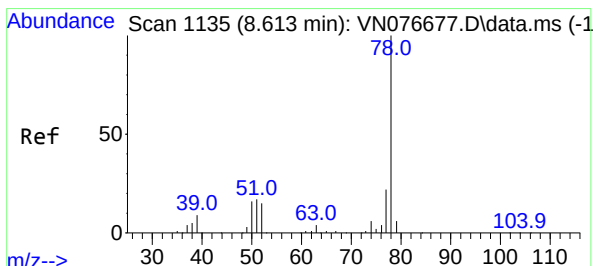
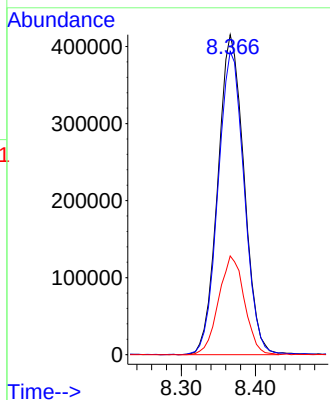
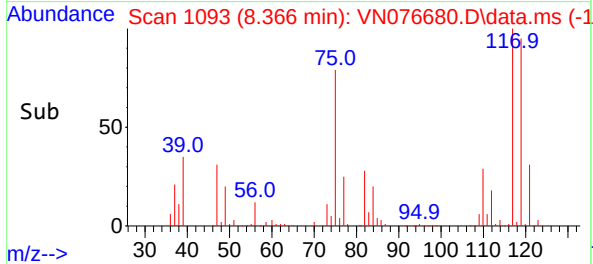
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



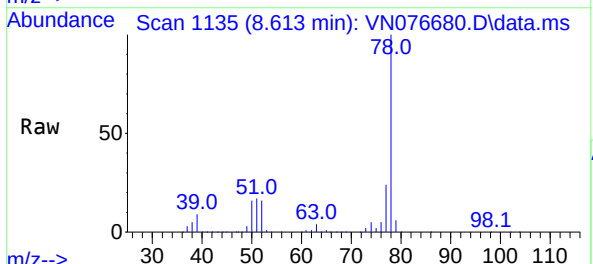
Tgt Ion: 117 Resp: 1015874
Ion Ratio Lower Upper
117 100
119 94.7 79.8 119.8
121 30.9 23.4 35.0

Manual Integrations
APPROVED

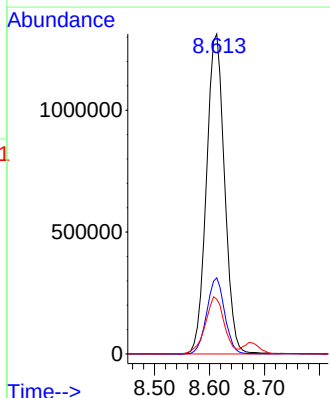
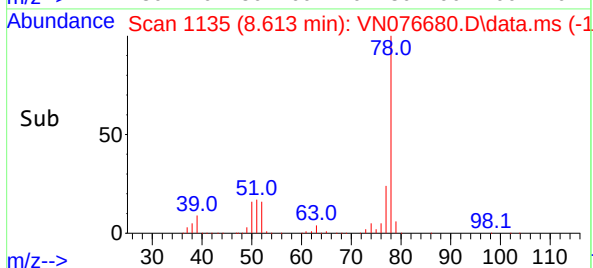
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

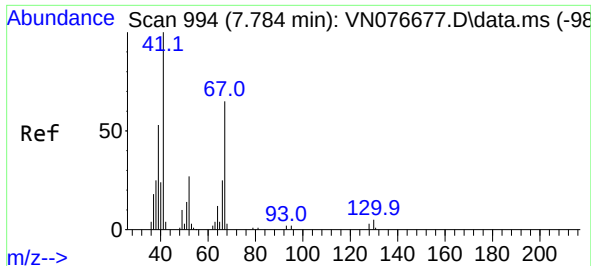


#34
Benzene
Concen: 130.534 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



Tgt Ion: 78 Resp: 3001867
Ion Ratio Lower Upper
78 100
77 23.8 17.4 26.2
51 17.0 13.8 20.6





#35
Methacrylonitrile
Concen: 137.943 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

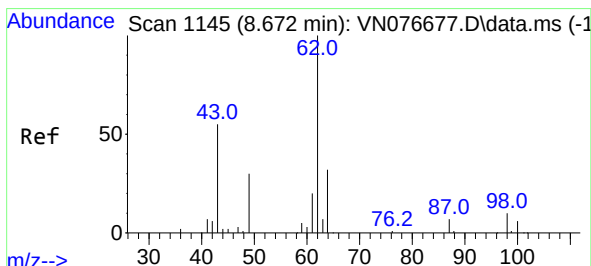
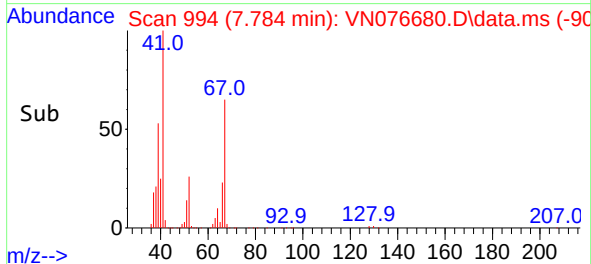
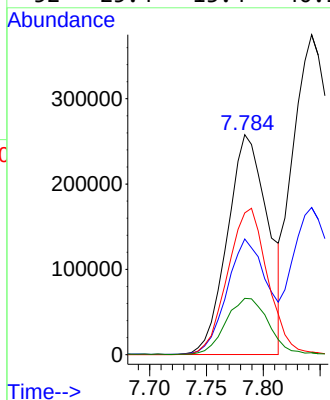
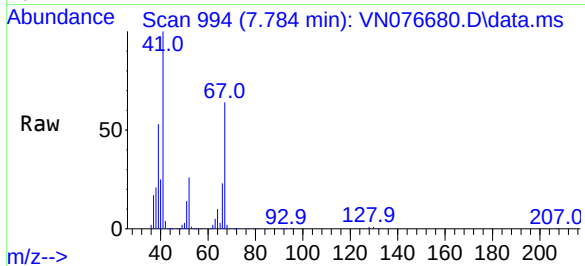
VSTDICC150

Tgt Ion: 41 Resp: 64077
Ion Ratio Lower Upper
41 100
39 52.5 26.6 79.7
67 64.5 32.3 96.9
52 25.4 13.4 40.1

Manual Integrations

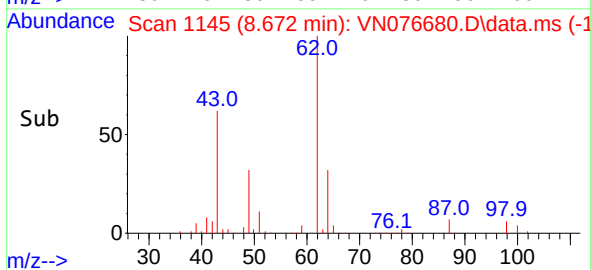
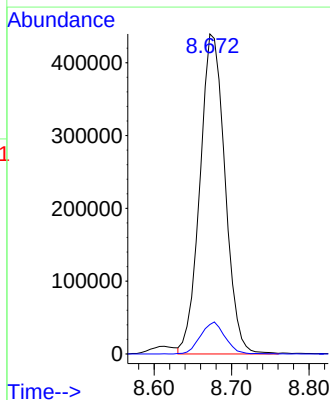
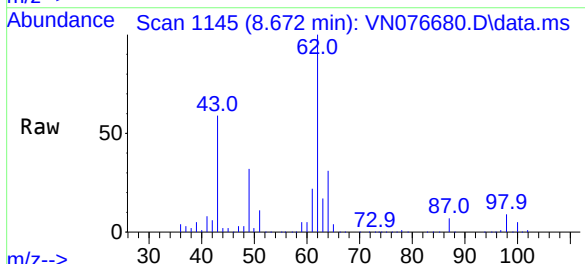
APPROVED

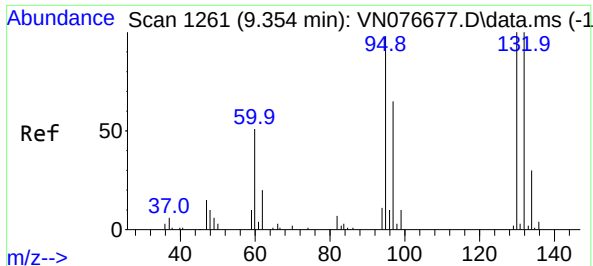
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#36
1,2-Dichloroethane
Concen: 112.108 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

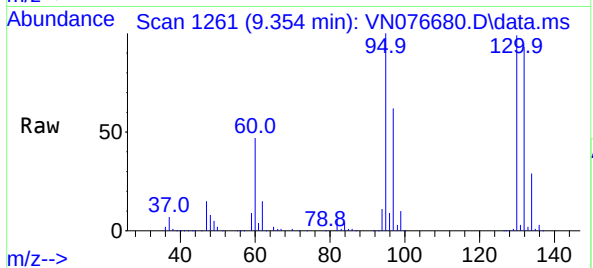
Tgt Ion: 62 Resp: 988650
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0





#37
Trichloroethene
Concen: 155.428 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

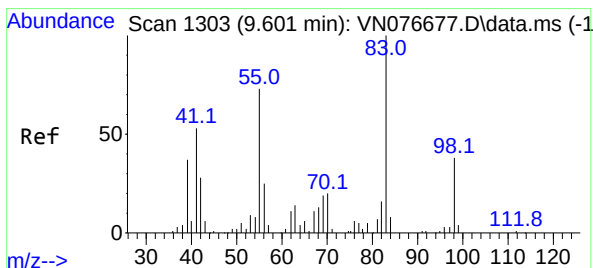
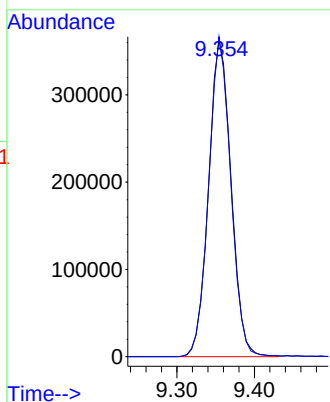
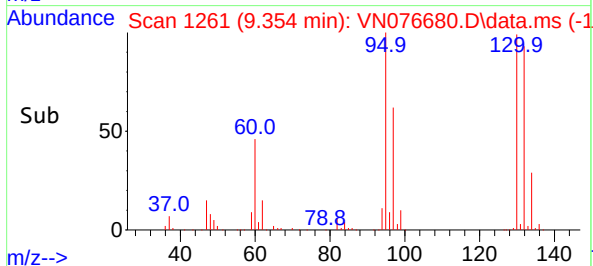
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



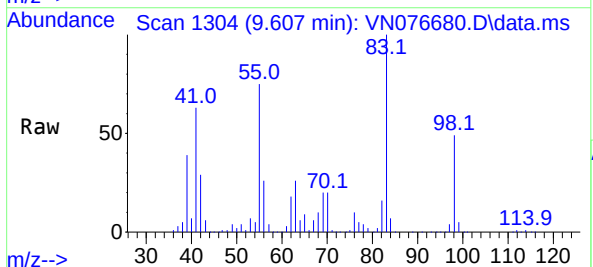
Tgt Ion:130 Resp: 731835
Ion Ratio Lower Upper
130 100
95 101.2 78.7 118.1

Manual Integrations
APPROVED

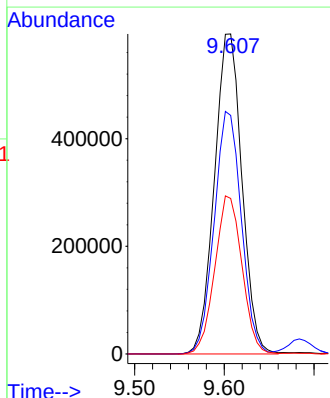
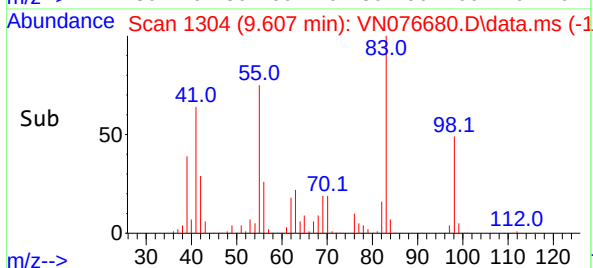
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

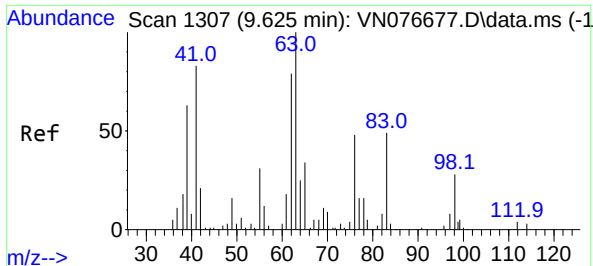


#38
Methylcyclohexane
Concen: 152.826 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



Tgt Ion: 83 Resp: 1266035
Ion Ratio Lower Upper
83 100
55 74.9 37.6 112.9
98 48.8 24.1 72.4





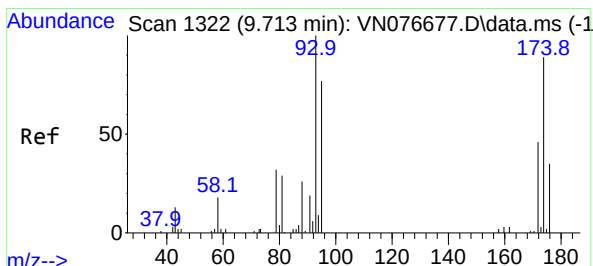
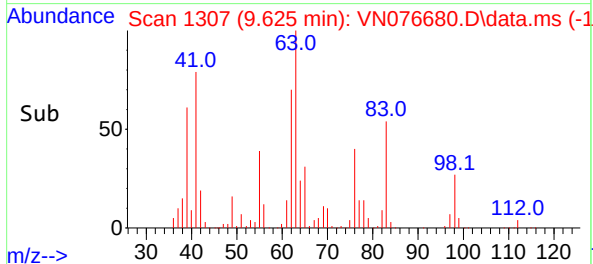
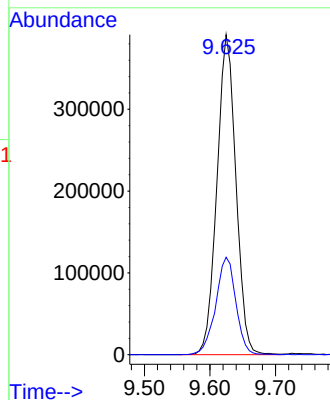
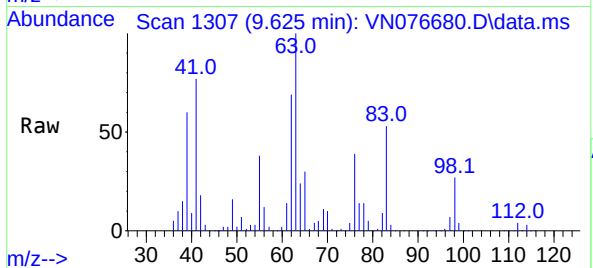
#39
1,2-Dichloropropane
Concen: 142.910 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 78429
Ion Ratio Lower Upper
63 100
65 30.5 27.2 40.8

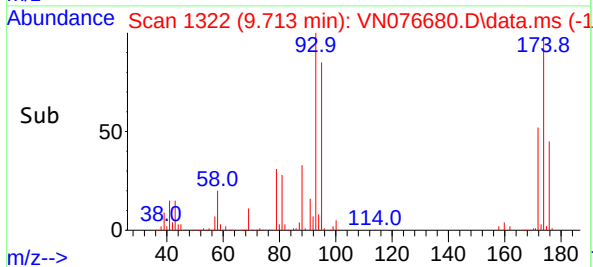
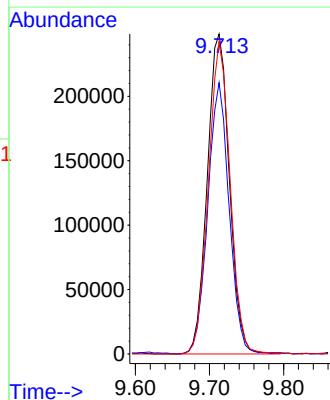
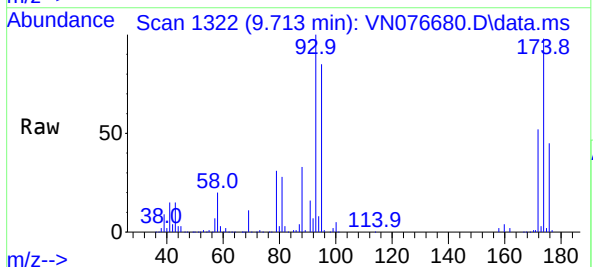
Manual Integrations
APPROVED

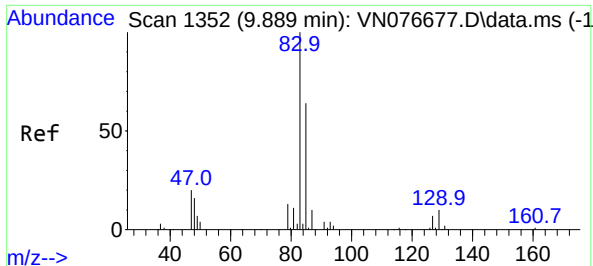
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40
Dibromomethane
Concen: 142.650 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 93 Resp: 515031
Ion Ratio Lower Upper
93 100
95 81.7 0.0 158.0
174 96.1 0.0 171.2





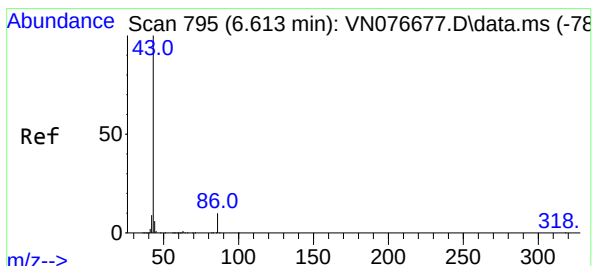
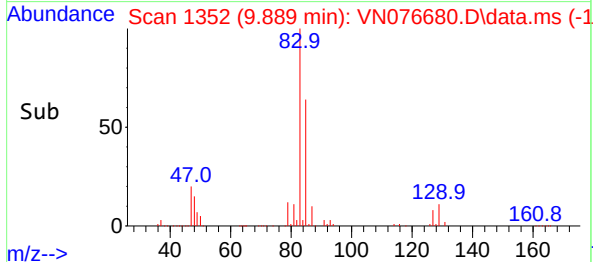
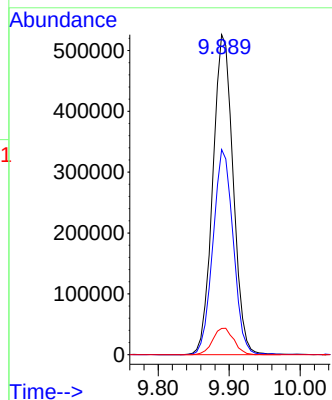
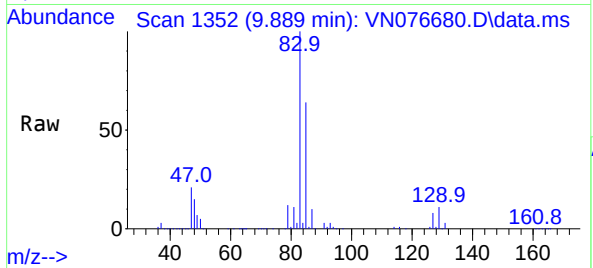
#41
Bromodichloromethane
Concen: 137.596 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 1044540
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.4
127 8.2 6.2 9.2

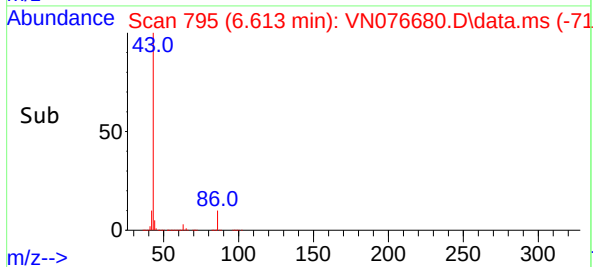
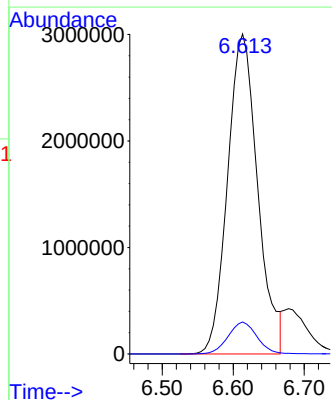
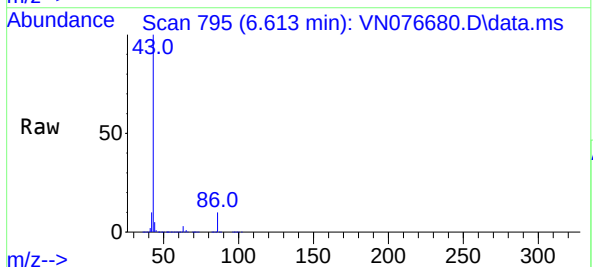
Manual Integrations
APPROVED

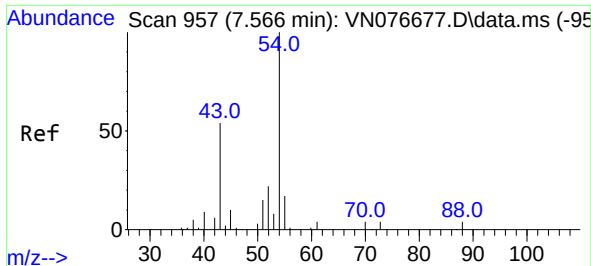
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#42
Vinyl Acetate
Concen: 674.426 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 43 Resp: 8862529
Ion Ratio Lower Upper
43 100
86 9.6 7.8 11.6





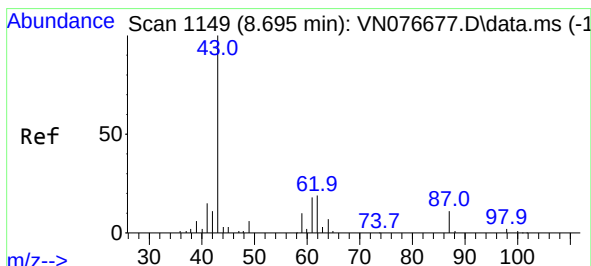
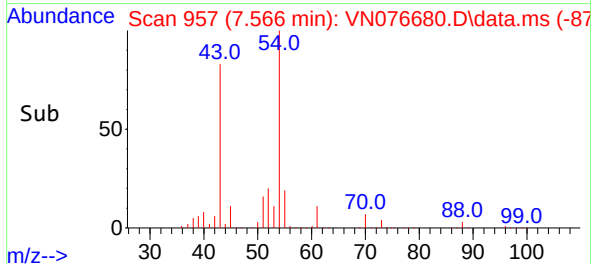
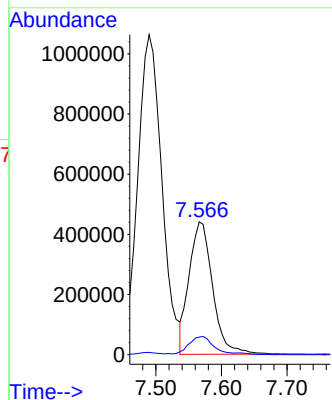
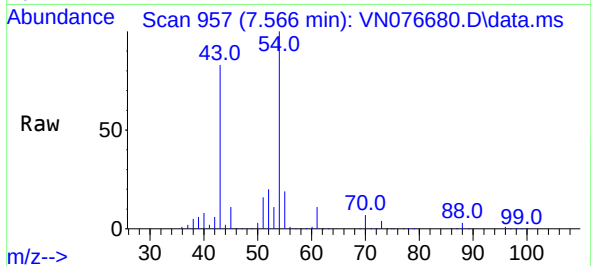
#43
Ethyl Acetate
Concen: 132.694 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 109312
Ion Ratio Lower Upper
43 100
45 12.9 11.2 16.8

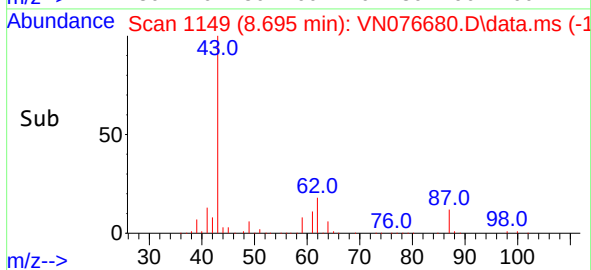
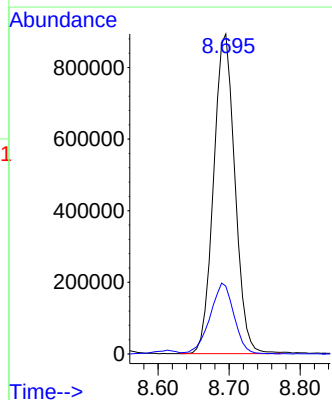
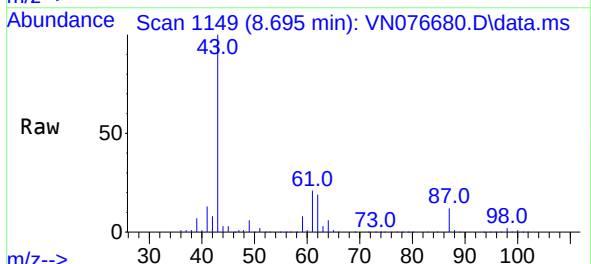
Manual Integrations
APPROVED

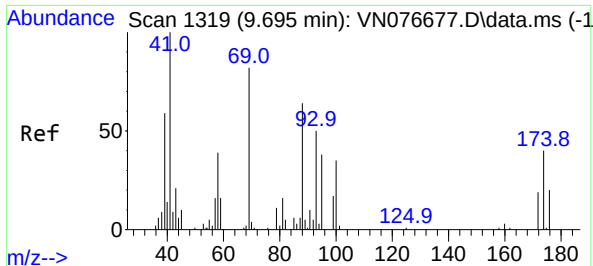
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#44
Isopropyl Acetate
Concen: 137.191 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 43 Resp: 1859029
Ion Ratio Lower Upper
43 100
61 25.0 19.5 29.3





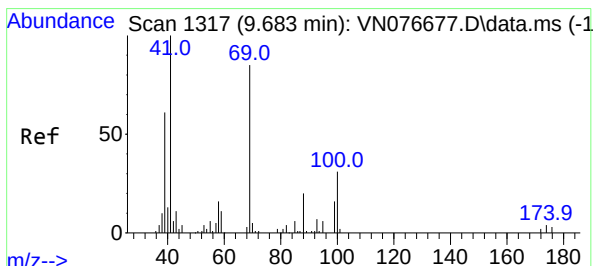
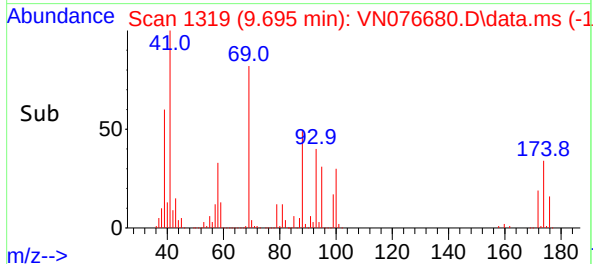
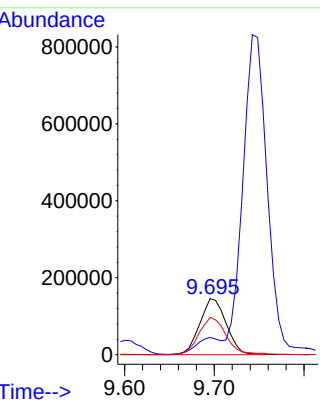
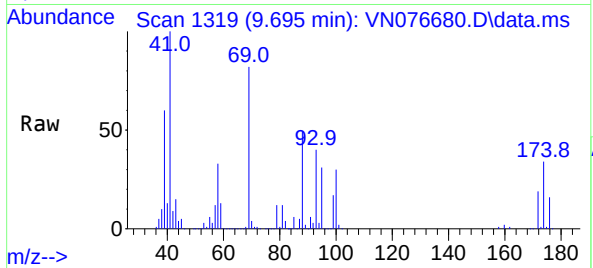
#45
1,4-Dioxane
Concen: 2698.963 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 298130
Ion Ratio Lower Upper
88 100
43 26.9 26.0 39.0
58 68.8 54.3 81.5

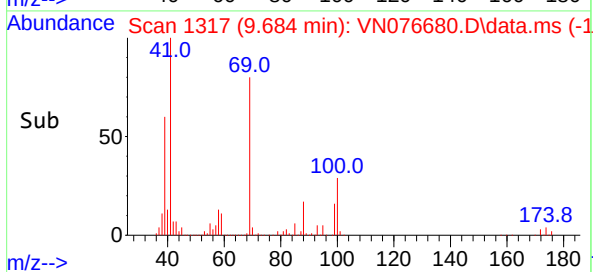
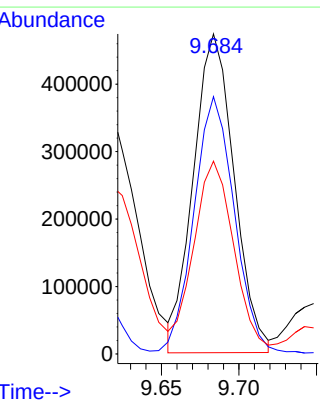
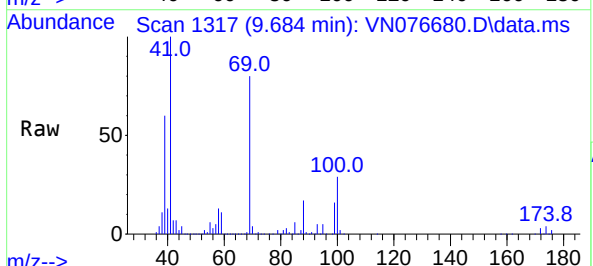
Manual Integrations
APPROVED

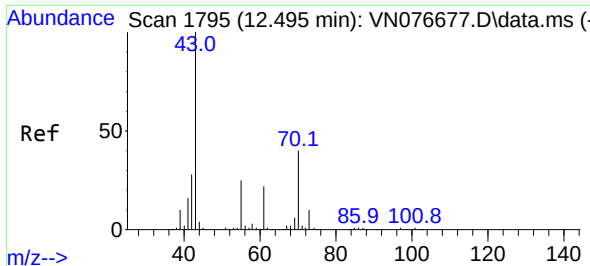
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#46
Methyl methacrylate
Concen: 132.262 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

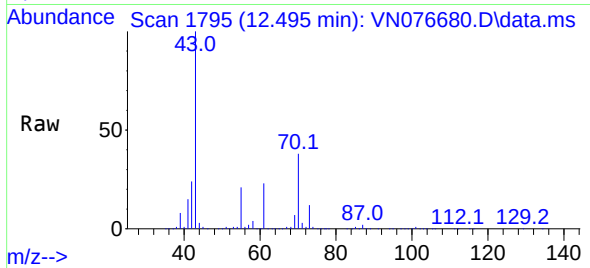
Tgt Ion: 41 Resp: 864132
Ion Ratio Lower Upper
41 100
69 81.6 40.6 121.7
39 60.0 30.5 91.5





#47
n-amyl acetate
Concen: 157.816 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

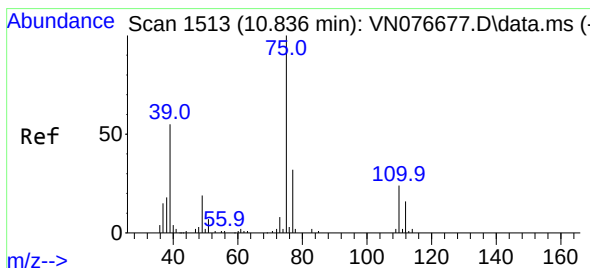
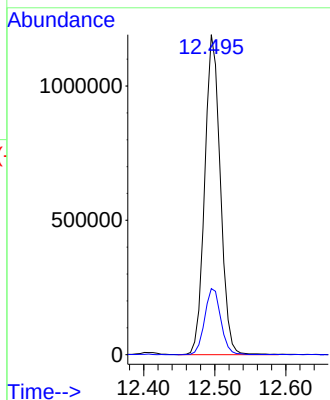
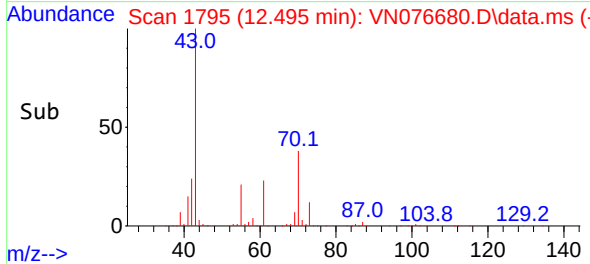
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



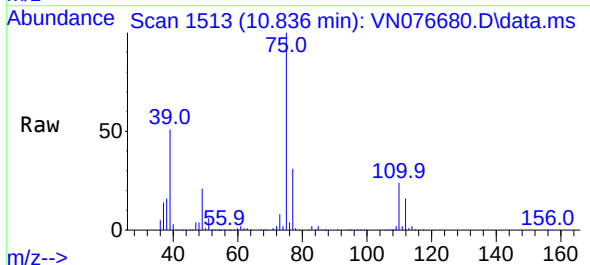
Tgt Ion: 43 Resp: 181773
Ion Ratio Lower Upper
43 100
55 21.4 18.3 27.5

Manual Integrations
APPROVED

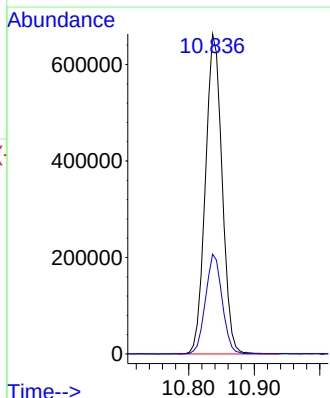
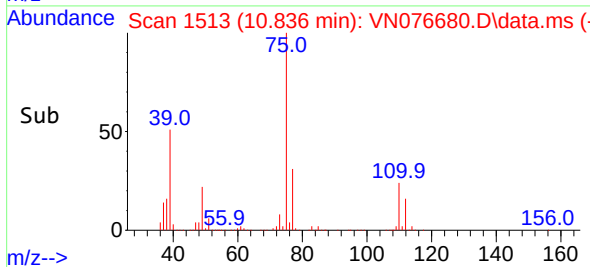
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

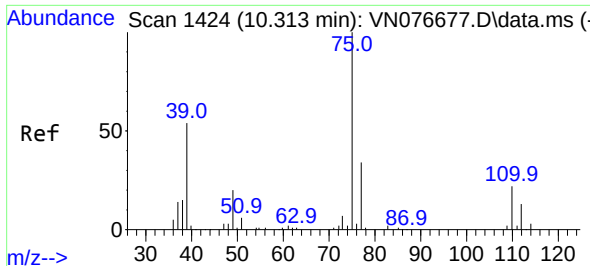


#48
t-1,3-Dichloropropene
Concen: 153.635 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



Tgt Ion: 75 Resp: 1174022
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2





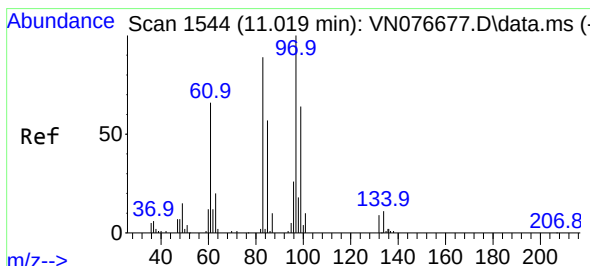
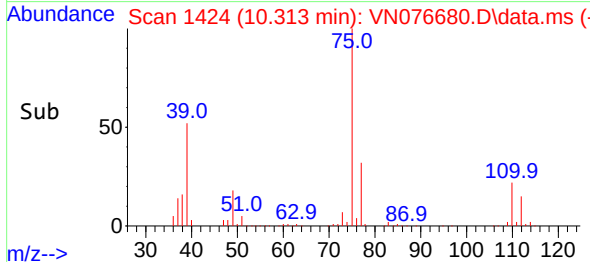
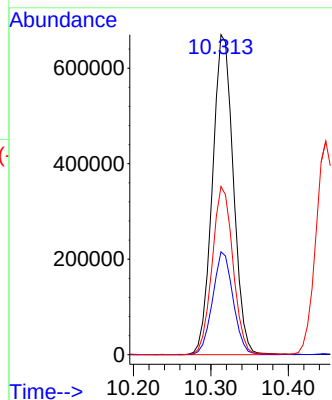
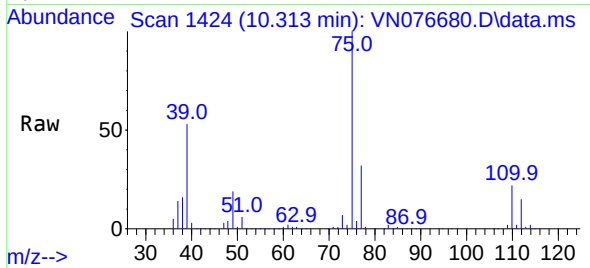
#49
cis-1,3-Dichloropropene
Concen: 148.846 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 1257369
Ion Ratio Lower Upper
75 100
77 32.2 27.5 41.3
39 52.4 43.5 65.3

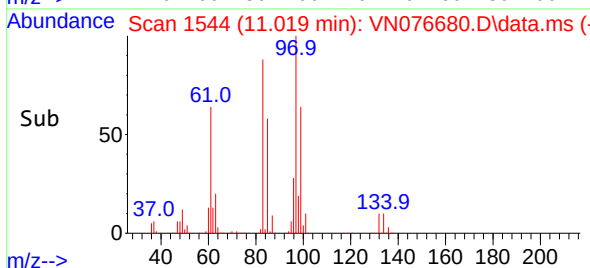
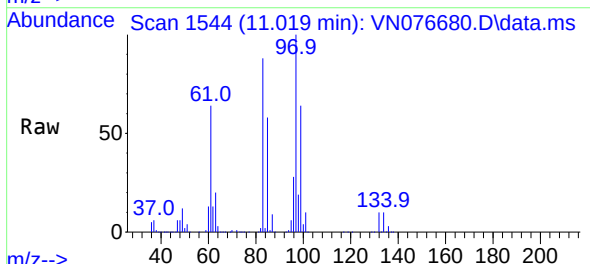
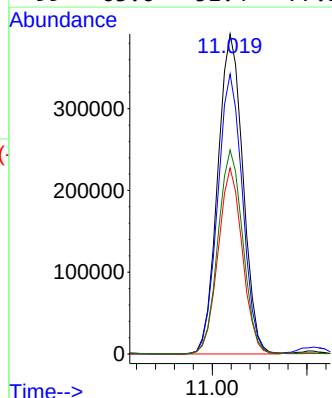
Manual Integrations
APPROVED

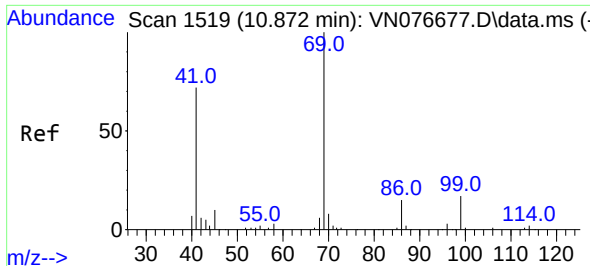
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#50
1,1,2-Trichloroethane
Concen: 147.696 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

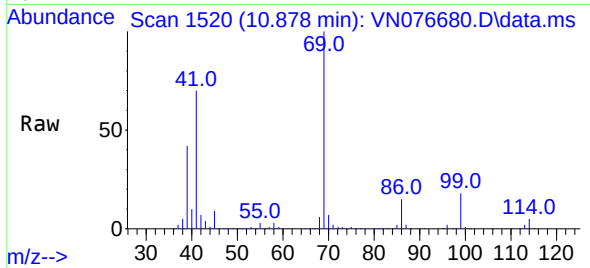
Tgt Ion: 97 Resp: 724194
Ion Ratio Lower Upper
97 100
83 87.5 71.0 106.4
85 58.1 45.5 68.3
99 63.6 51.4 77.2





#51
Ethyl methacrylate
Concen: 154.534 ug/l
RT: 10.878 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

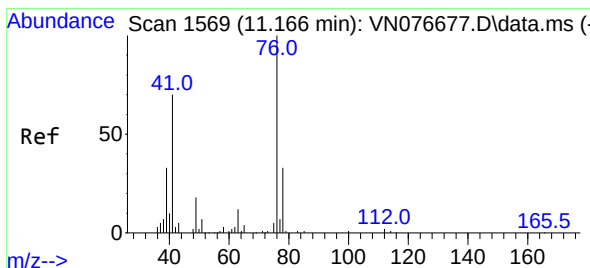
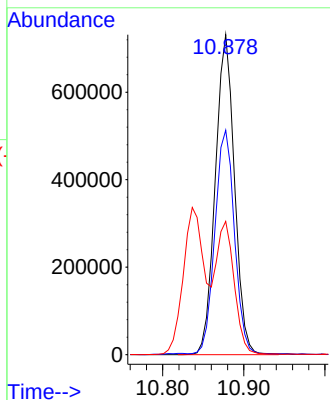
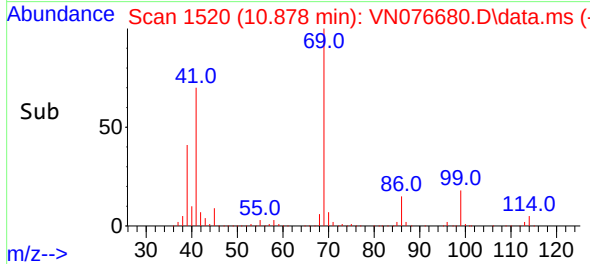
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



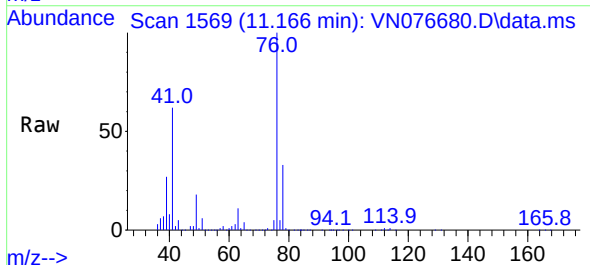
Tgt Ion: 69 Resp: 120315
Ion Ratio Lower Upper
69 100
41 69.9 36.3 108.7
39 41.5 19.9 59.7

Manual Integrations
APPROVED

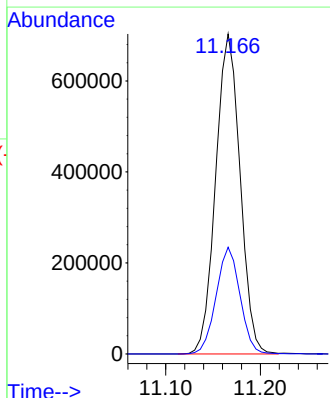
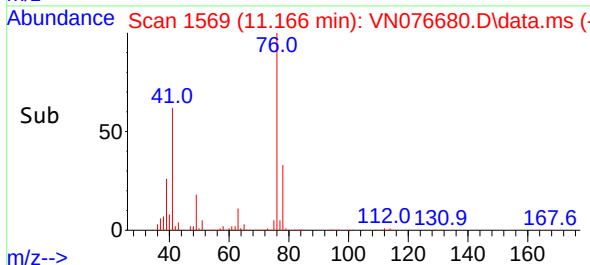
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

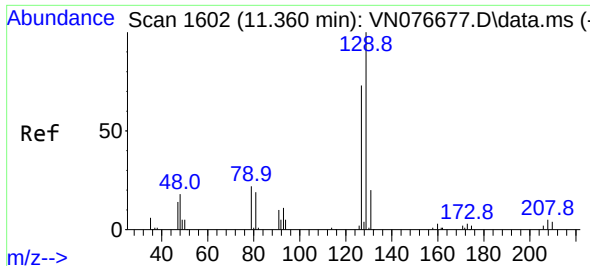


#52
1,3-Dichloropropane
Concen: 137.714 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



Tgt Ion: 76 Resp: 1258707
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





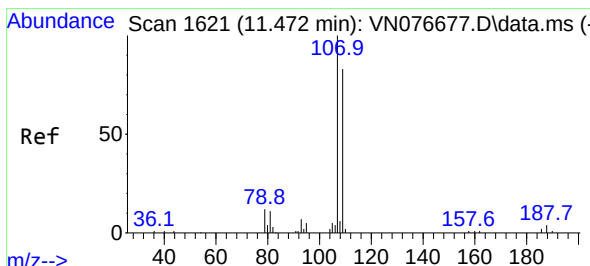
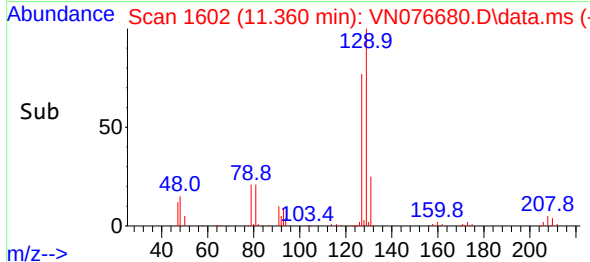
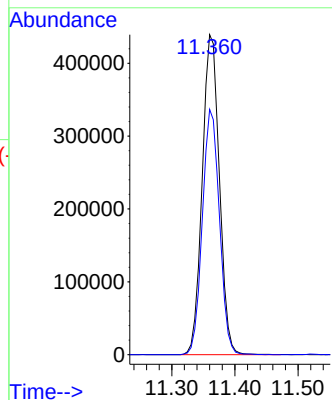
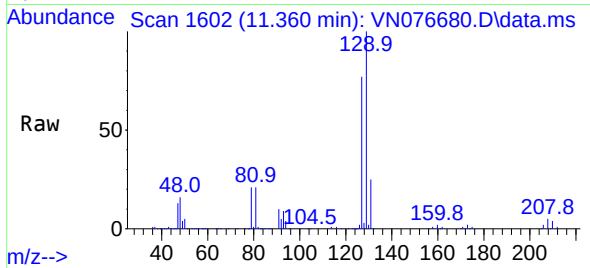
#53
Dibromochloromethane
Concen: 162.220 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 826510
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.1

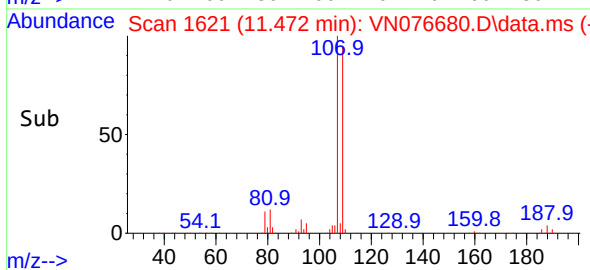
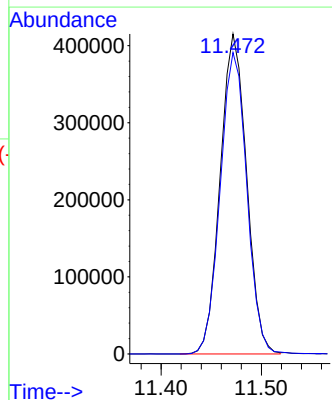
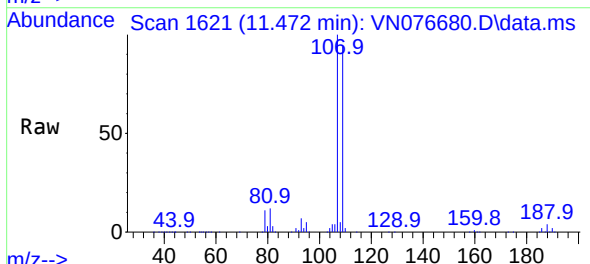
Manual Integrations
APPROVED

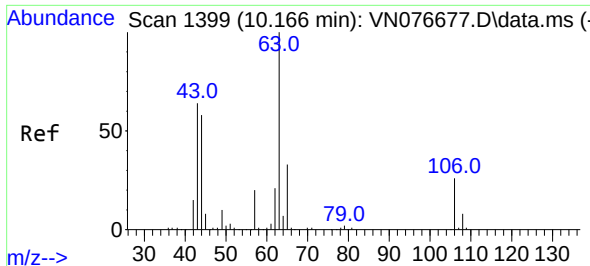
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#54
1,2-Dibromoethane
Concen: 152.892 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion:107 Resp: 758598
Ion Ratio Lower Upper
107 100
109 95.1 74.6 112.0





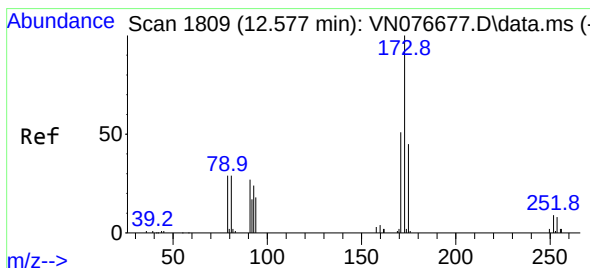
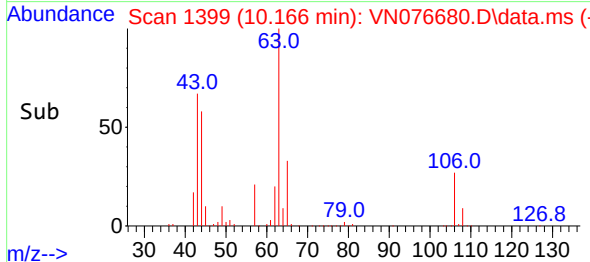
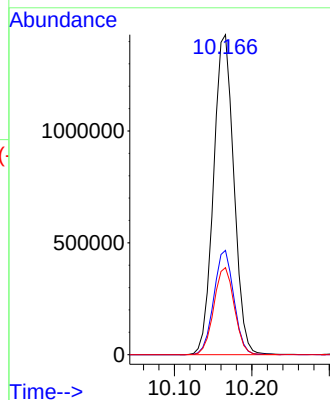
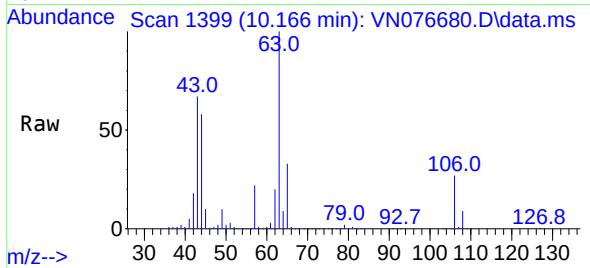
#55
2-Chloroethyl vinyl ether
Concen: 734.249 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 261119
Ion Ratio Lower Upper
63 100
65 32.2 26.3 39.5
106 27.5 21.6 32.4

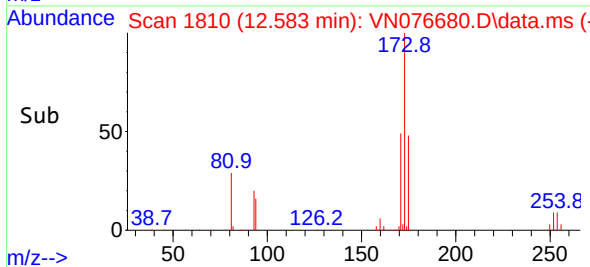
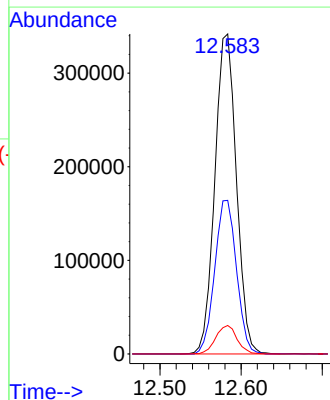
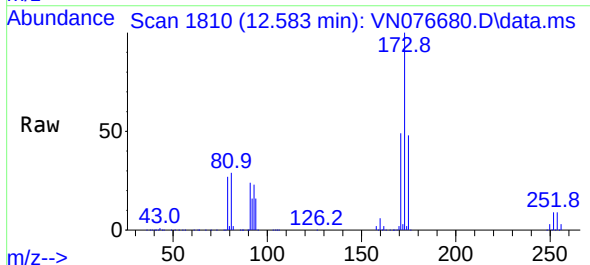
Manual Integrations
APPROVED

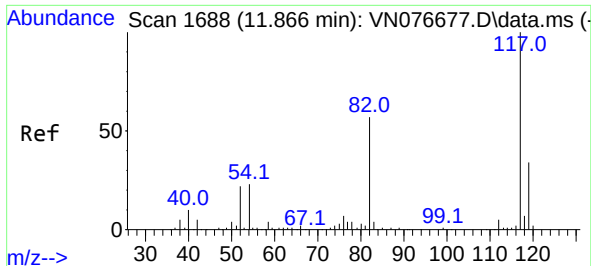
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
Bromoform
Concen: 192.438 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion:173 Resp: 631470
Ion Ratio Lower Upper
173 100
175 48.4 37.8 56.6
254 8.9 7.3 10.9





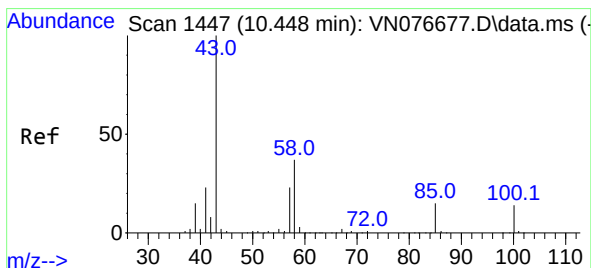
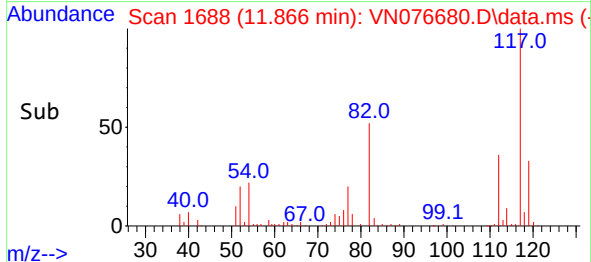
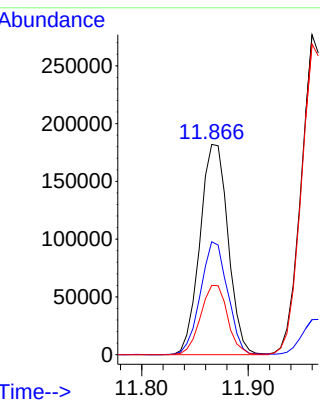
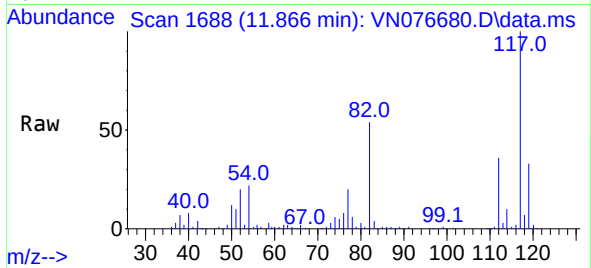
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 33429
Ion Ratio Lower Upper
117 100
82 51.8 45.4 68.0
119 31.7 26.8 40.2

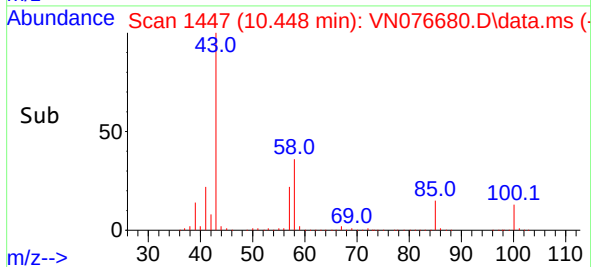
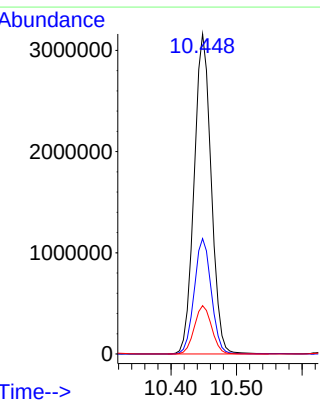
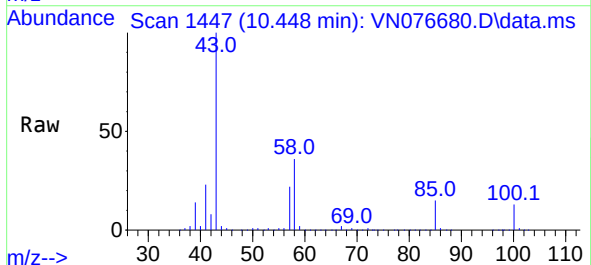
Manual Integrations
APPROVED

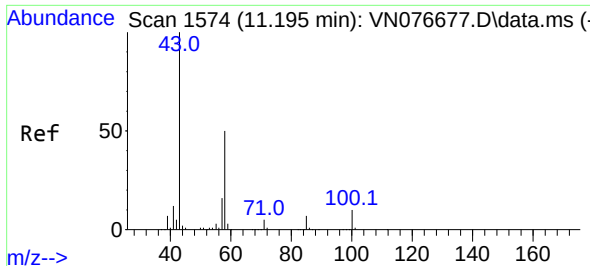
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#58
4-Methyl-2-Pentanone
Concen: 611.372 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

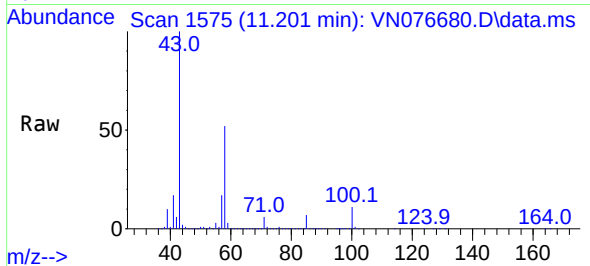
Tgt Ion: 43 Resp: 5713386
Ion Ratio Lower Upper
43 100
58 36.1 28.6 42.8
85 15.4 11.8 17.8





#59
2-Hexanone
Concen: 620.829 ug/l
RT: 11.201 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

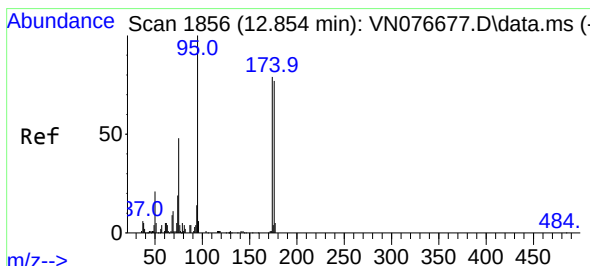
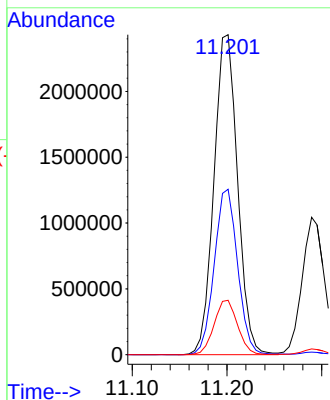
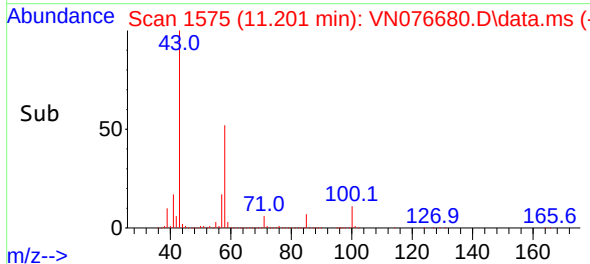
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 421835
Ion Ratio Lower Upper
43 100
58 51.1 40.6 60.8
57 16.9 13.1 19.7

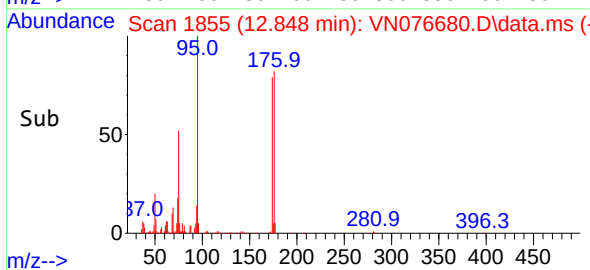
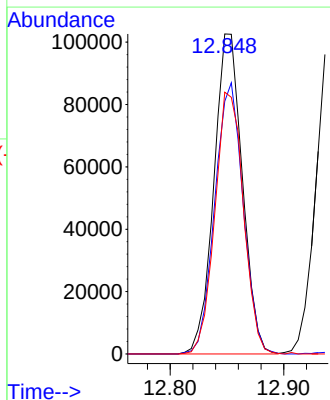
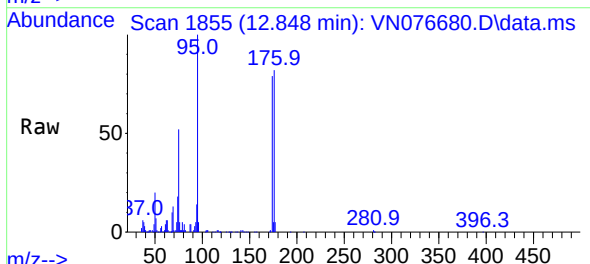
Manual Integrations
APPROVED

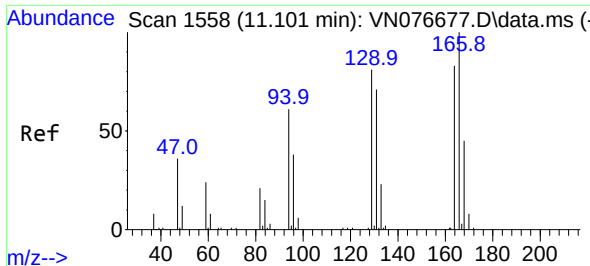
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
4-Bromofluorobenzene
Concen: 23.642 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

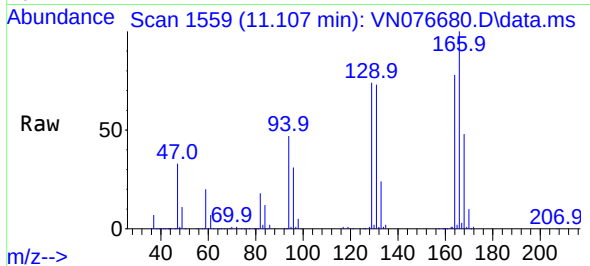
Tgt Ion: 95 Resp: 178429
Ion Ratio Lower Upper
95 100
174 84.4 64.2 96.4
176 82.0 61.4 92.0





#61
Tetrachloroethene
Concen: 142.909 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

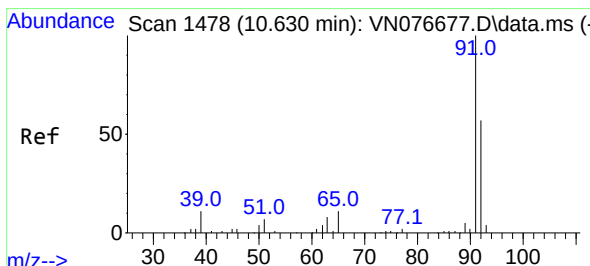
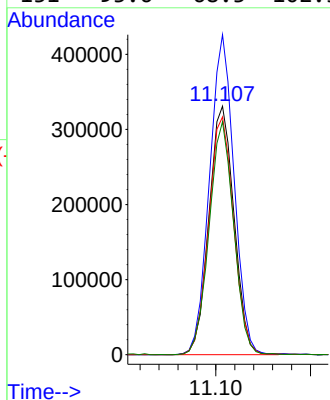
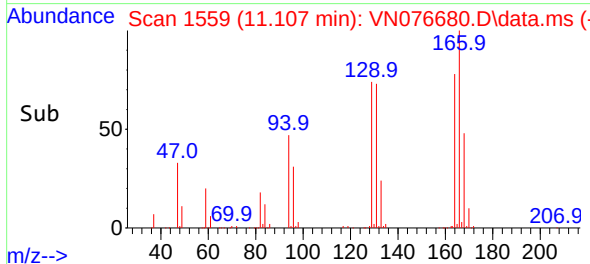
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



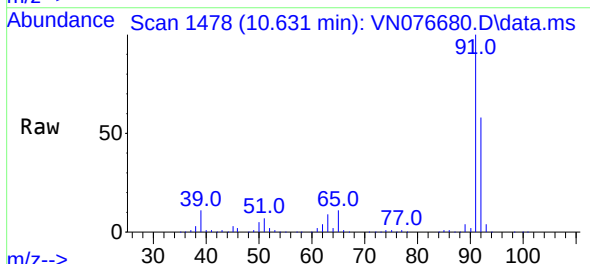
Tgt Ion:164 Resp: 610680
Ion Ratio Lower Upper
164 100
166 128.7 96.2 144.2
129 95.6 78.2 117.4
131 93.6 68.3 102.5

Manual Integrations
APPROVED

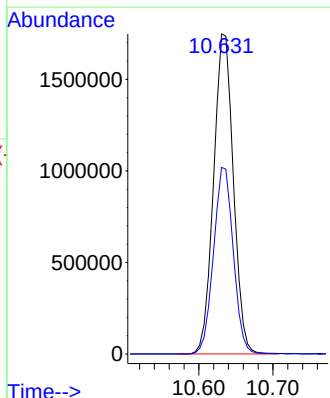
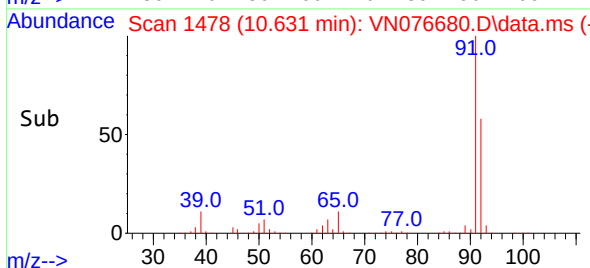
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

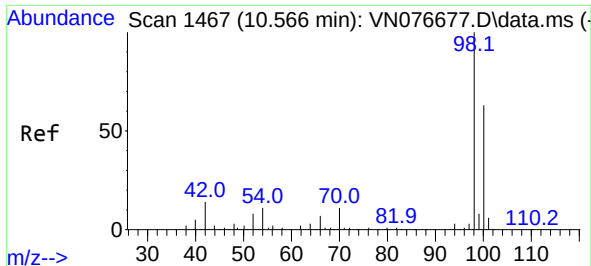


#62
Toluene
Concen: 130.972 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



Tgt Ion: 91 Resp: 3246169
Ion Ratio Lower Upper
91 100
92 58.2 46.3 69.5





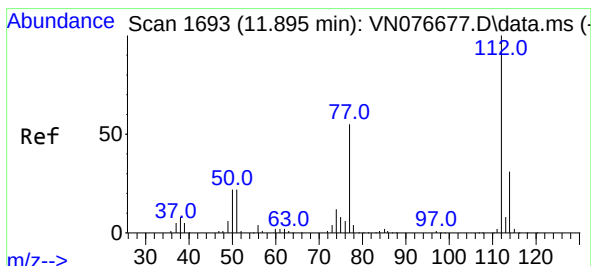
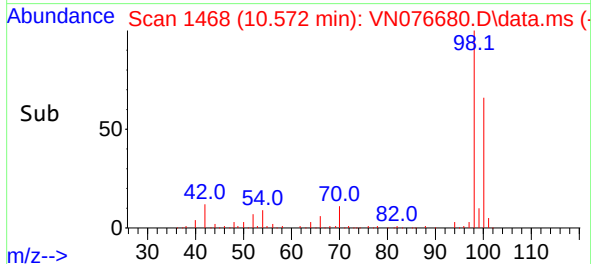
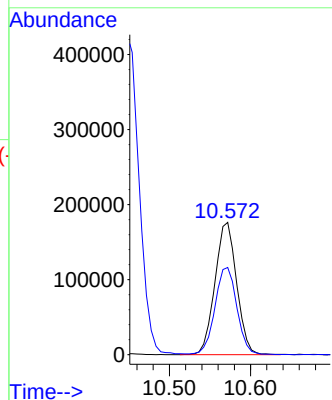
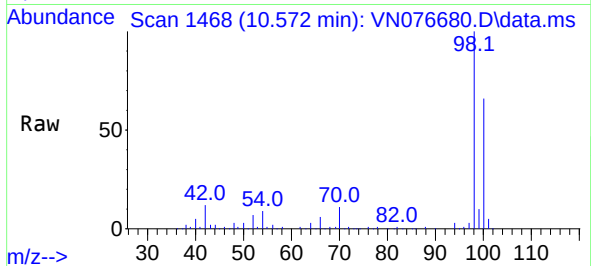
#63
Toluene-d8
Concen: 26.700 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 327730
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.6

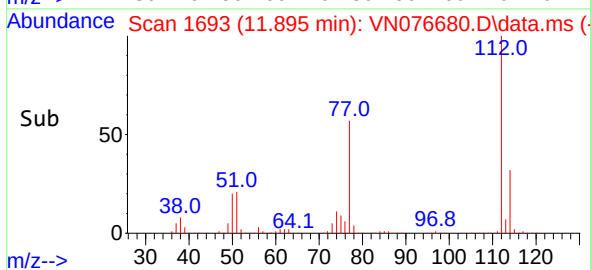
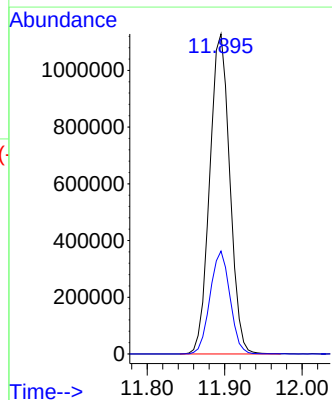
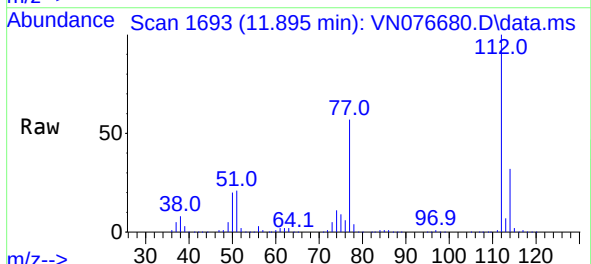
Manual Integrations
APPROVED

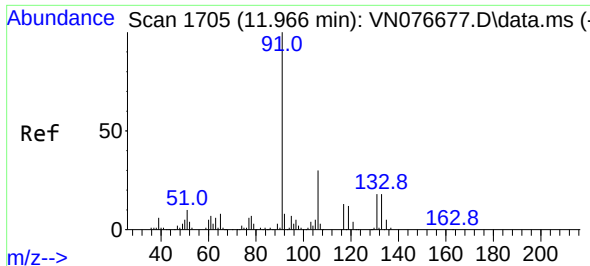
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#64
Chlorobenzene
Concen: 141.446 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

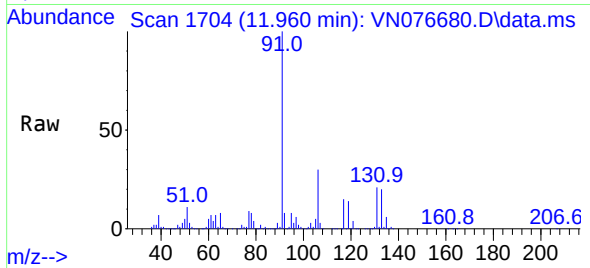
Tgt Ion:112 Resp: 2030875
Ion Ratio Lower Upper
112 100
114 32.2 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 134.488 ug/l
RT: 11.960 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

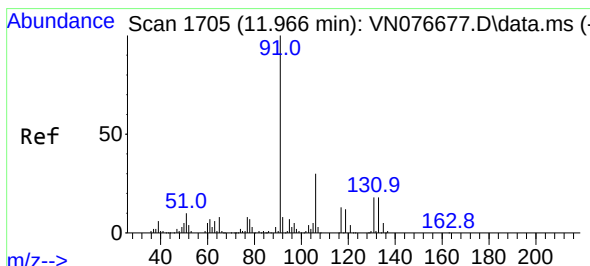
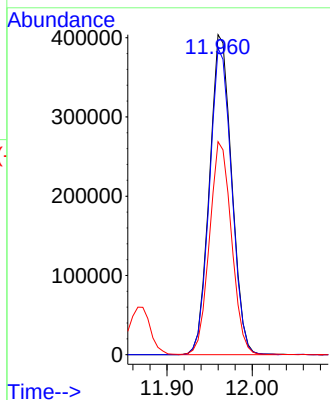
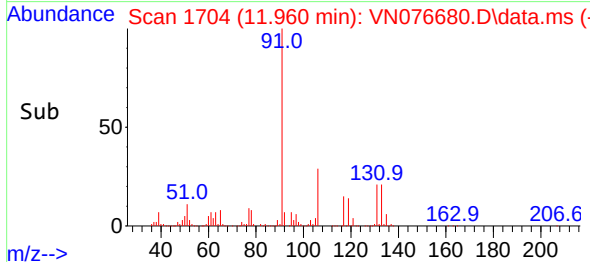
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 732049
Ion Ratio Lower Upper
131 100
133 95.7 0.0 197.6
119 66.1 0.0 127.8

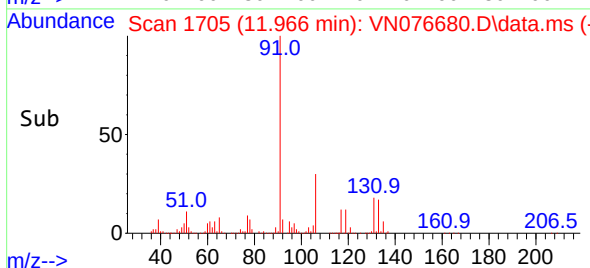
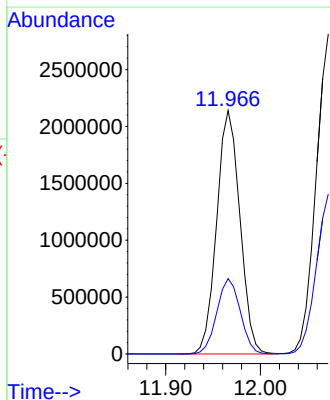
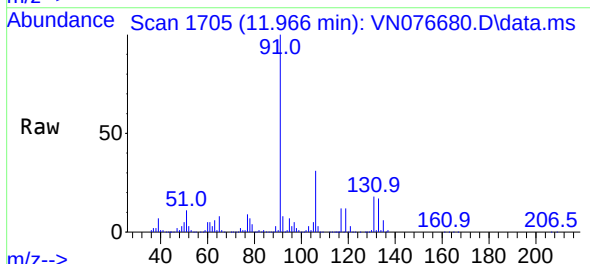
Manual Integrations
APPROVED

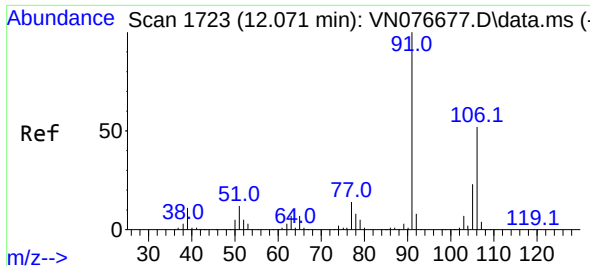
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Ethyl Benzene
Concen: 134.246 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 91 Resp: 3647663
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.8





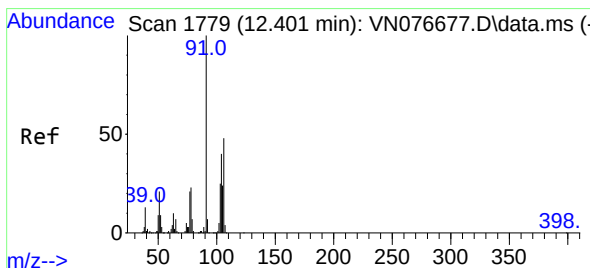
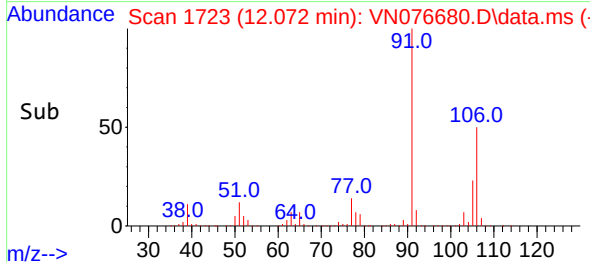
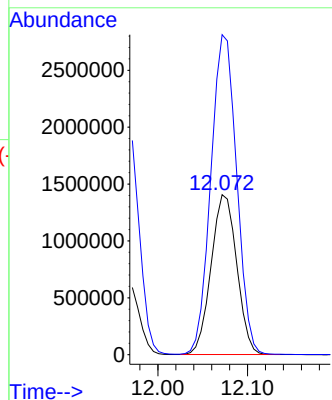
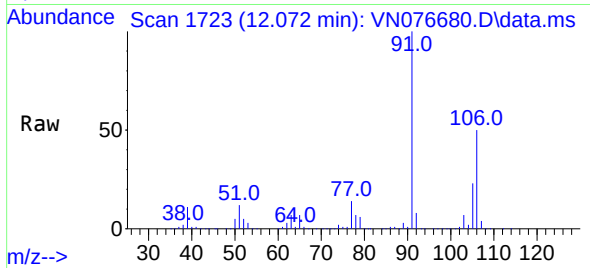
#67
m/p-Xylenes
Concen: 273.894 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 2792274
Ion Ratio Lower Upper
106 100
91 201.6 157.4 236.2

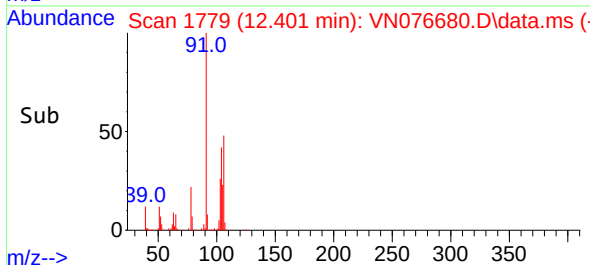
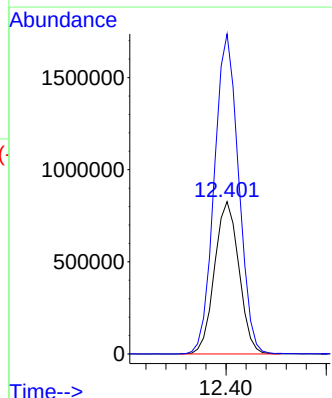
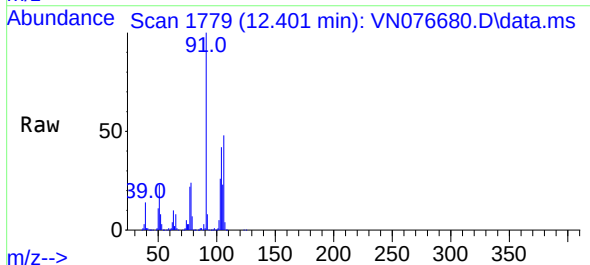
Manual Integrations
APPROVED

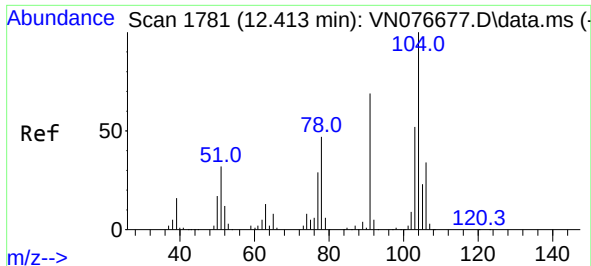
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#68
o-Xylene
Concen: 139.105 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

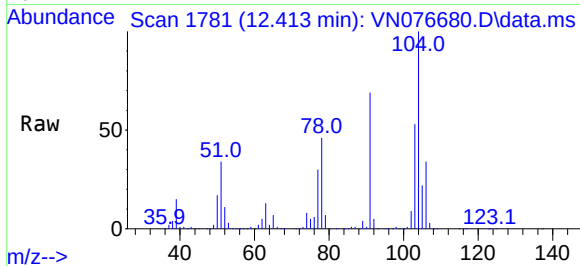
Tgt Ion:106 Resp: 1397128
Ion Ratio Lower Upper
106 100
91 209.4 107.2 321.6





#69
Styrene
Concen: 147.641 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

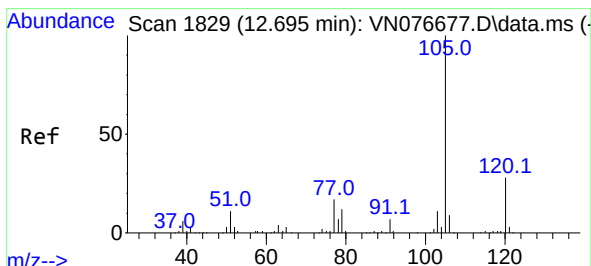
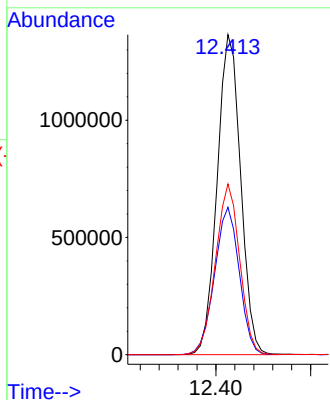
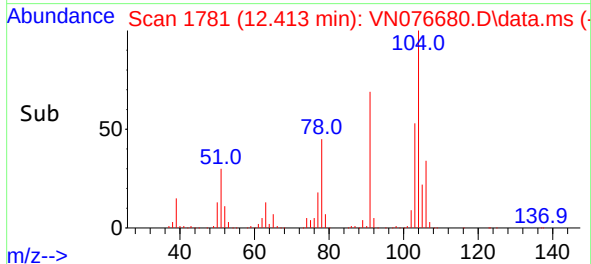
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



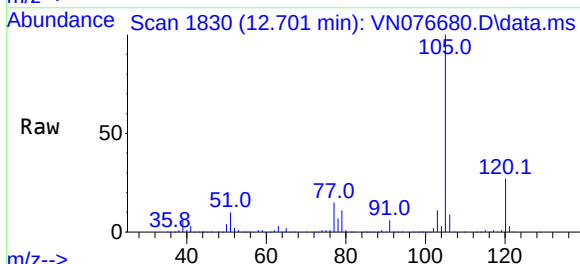
Tgt Ion:104 Resp: 2353712
Ion Ratio Lower Upper
104 100
78 48.6 39.6 59.4
103 55.1 43.9 65.9

Manual Integrations
APPROVED

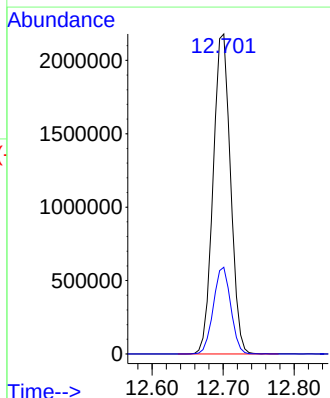
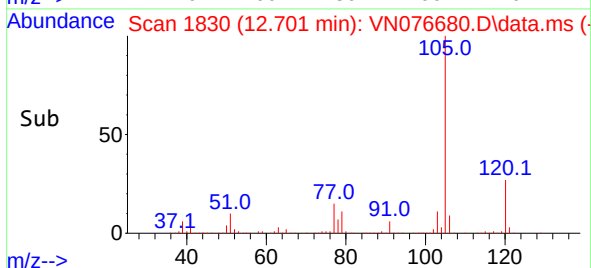
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

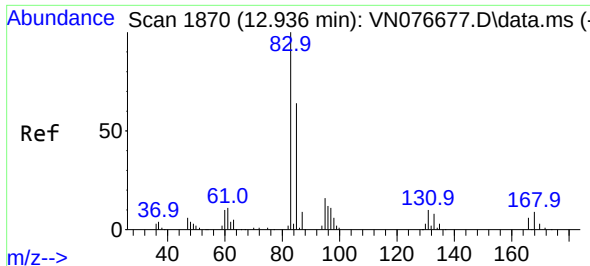


#70
Isopropylbenzene
Concen: 137.235 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



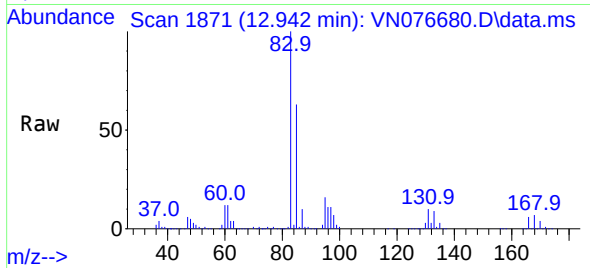
Tgt Ion:105 Resp: 3693708
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 122.840 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

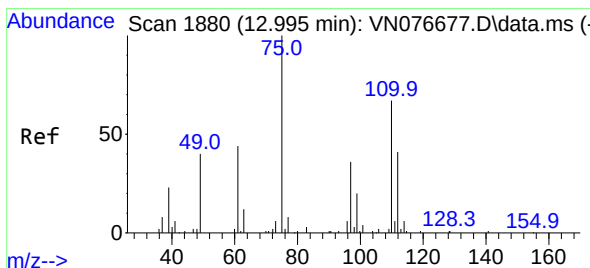
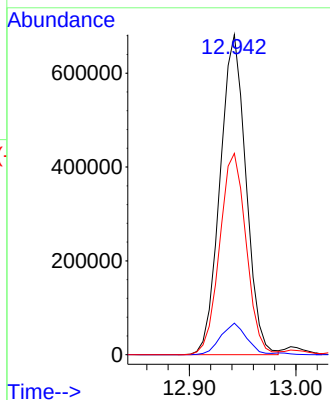
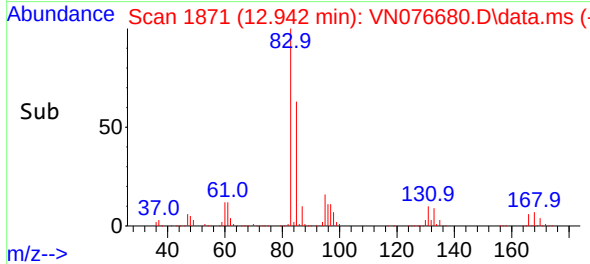
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



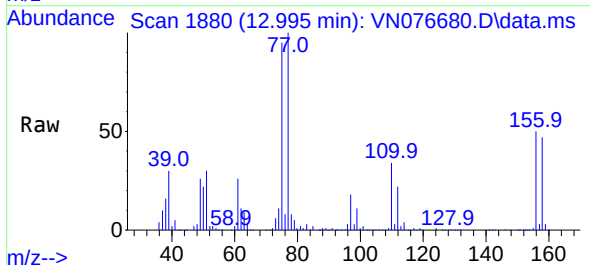
Tgt Ion: 83 Resp: 115271
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.3 32.3 96.9

Manual Integrations
APPROVED

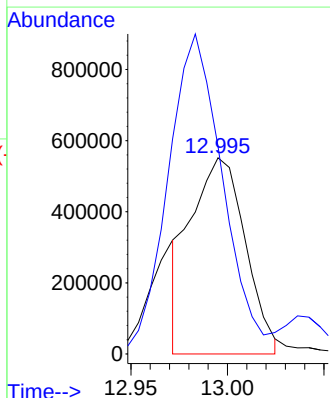
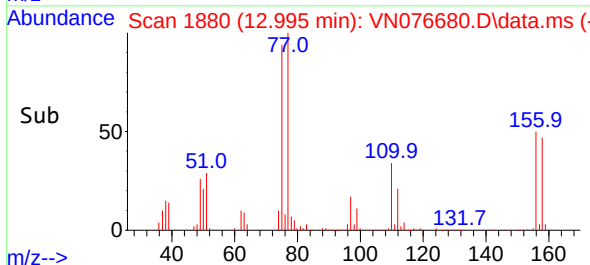
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

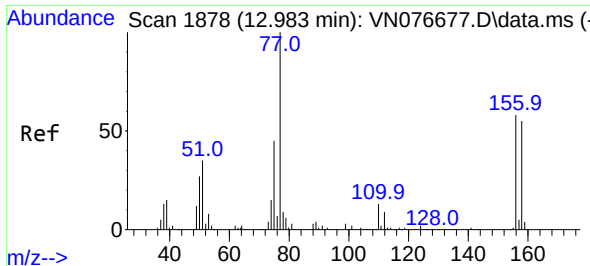


#72
1,2,3-Trichloropropane
Concen: 126.236 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



Tgt Ion: 75 Resp: 1081912
Ion Ratio Lower Upper
75 100
77 163.2 0.0 332.6





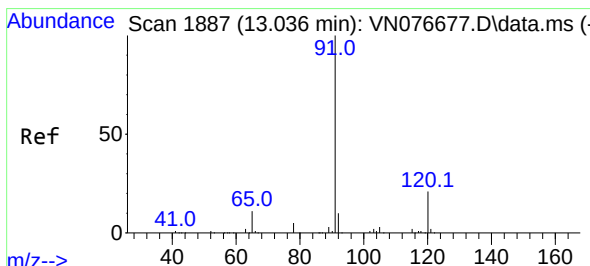
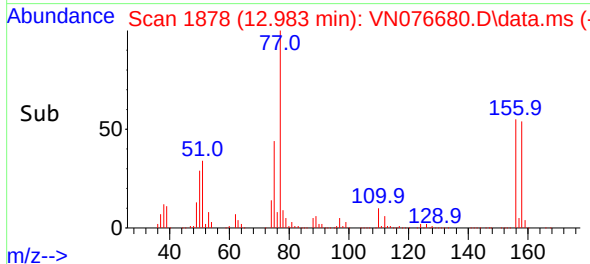
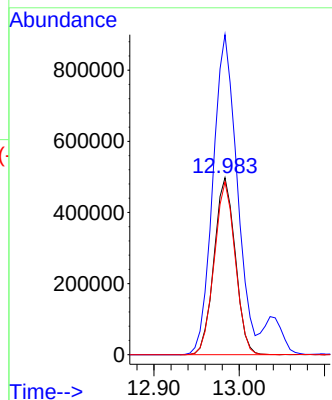
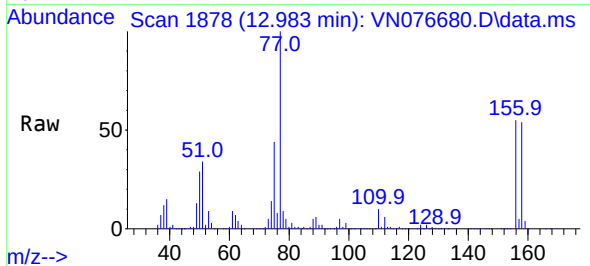
#73
Bromobenzene
Concen: 134.604 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 85966
Ion Ratio Lower Upper
156 100
77 205.4 0.0 423.0
158 96.7 0.0 188.6

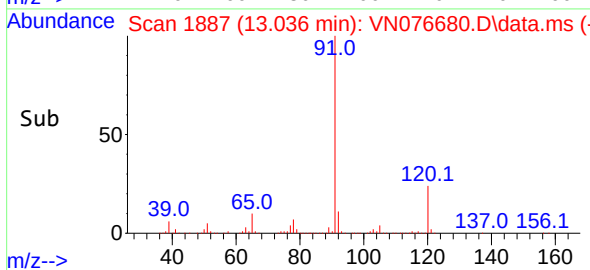
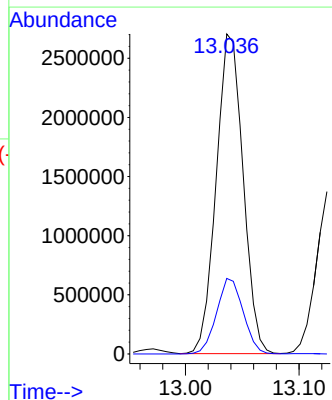
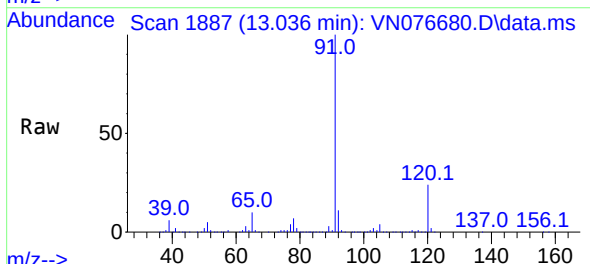
Manual Integrations
APPROVED

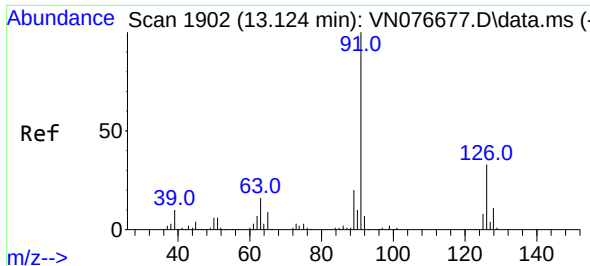
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#74
n-propylbenzene
Concen: 128.554 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 91 Resp: 4437735
Ion Ratio Lower Upper
91 100
120 23.4 0.0 44.0





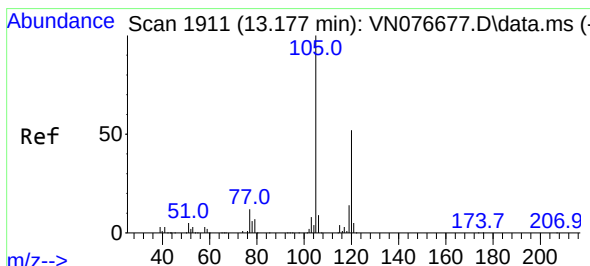
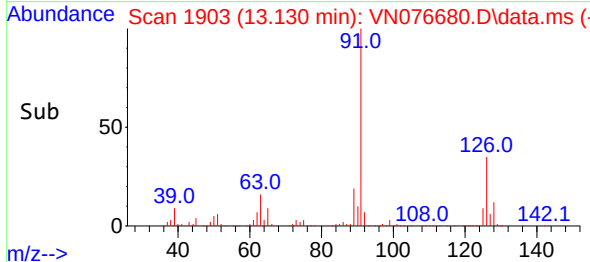
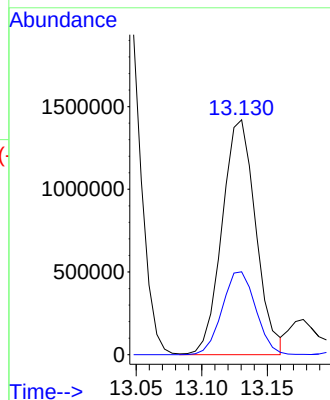
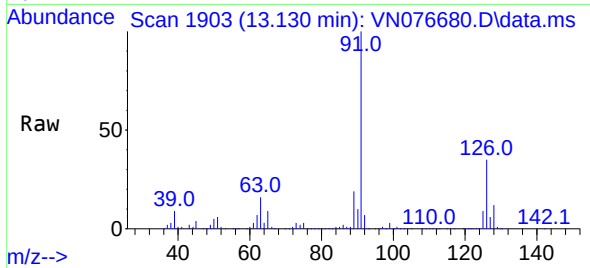
#75
2-Chlorotoluene
Concen: 116.764 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2535514
Ion Ratio Lower Upper
91 100
126 35.3 0.0 66.4

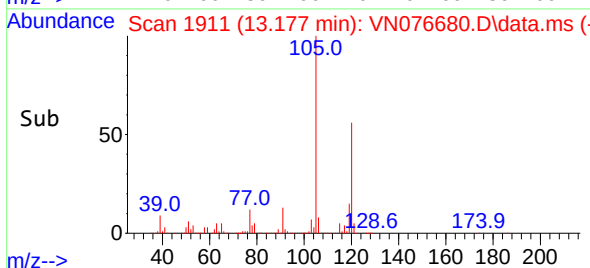
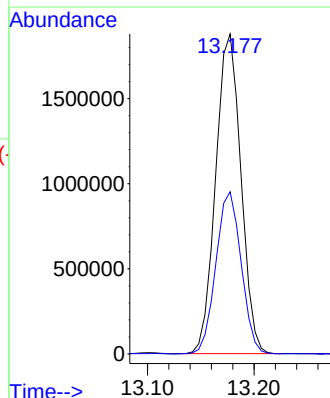
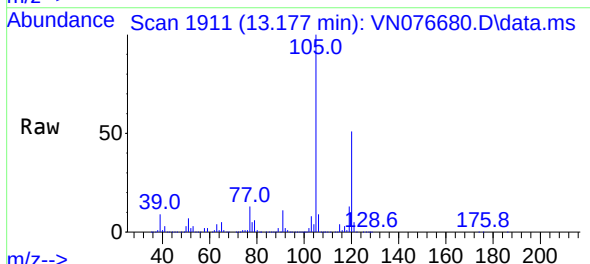
Manual Integrations
APPROVED

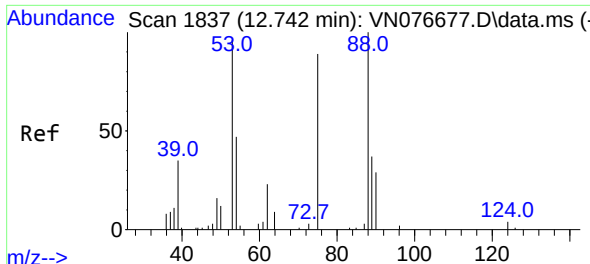
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 122.772 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion:105 Resp: 3085724
Ion Ratio Lower Upper
105 100
120 50.9 0.0 103.2





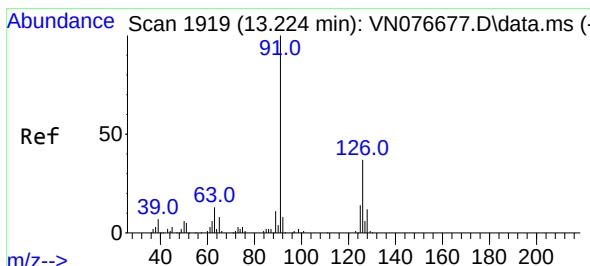
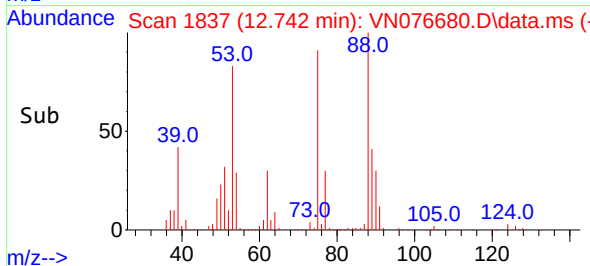
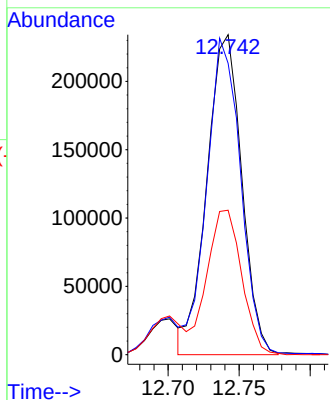
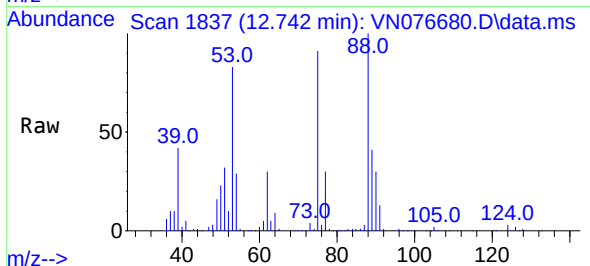
#77
t-1,4-Dichloro-2-butene
Concen: 154.412 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 399170
Ion Ratio Lower Upper
75 100
53 90.8 50.4 151.3
89 45.0 22.1 66.5

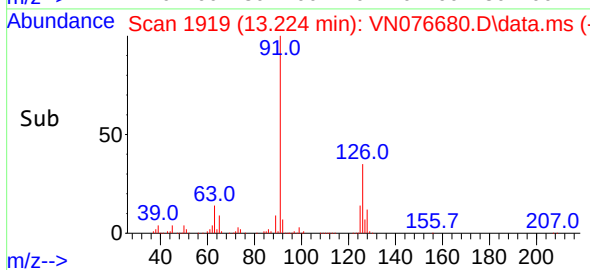
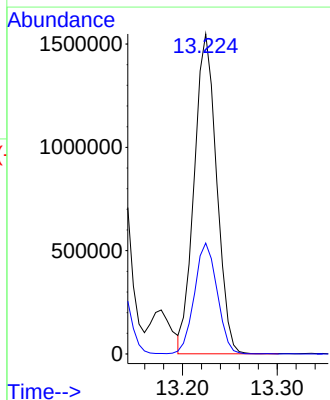
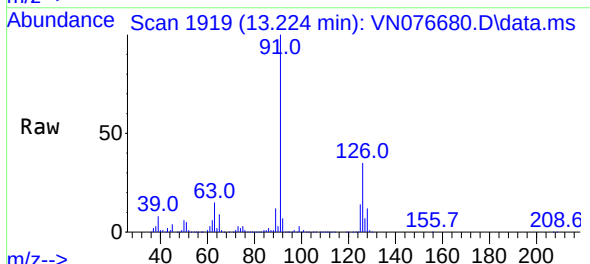
Manual Integrations
APPROVED

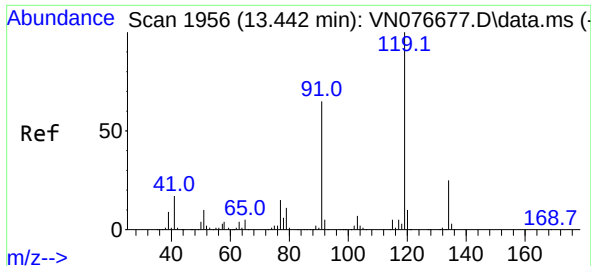
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#78
4-Chlorotoluene
Concen: 116.114 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion: 91 Resp: 2535232
Ion Ratio Lower Upper
91 100
126 35.3 0.0 70.6





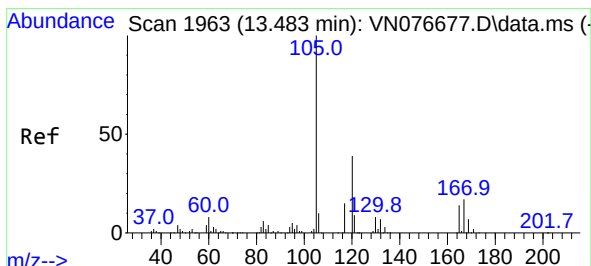
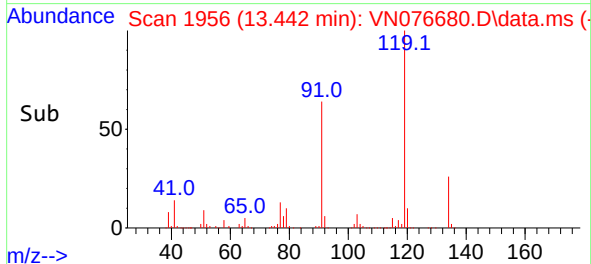
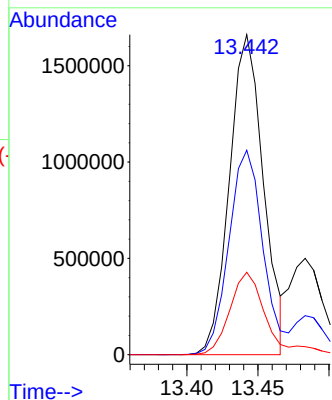
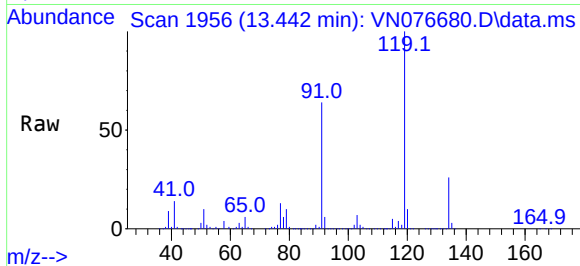
#79
tert-butylbenzene
Concen: 129.621 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 2765278
Ion Ratio Lower Upper
119 100
91 64.5 0.0 129.6
134 25.5 0.0 47.8

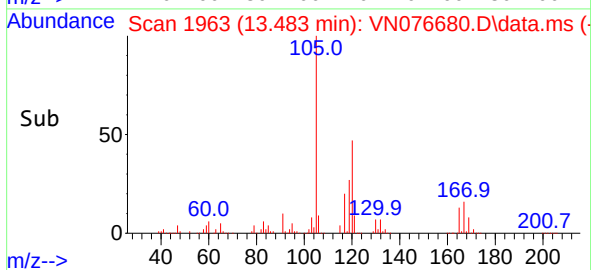
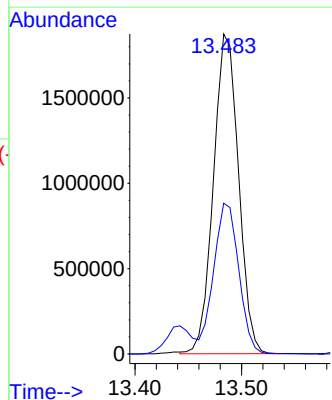
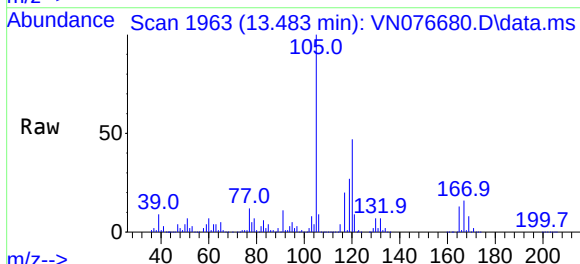
Manual Integrations
APPROVED

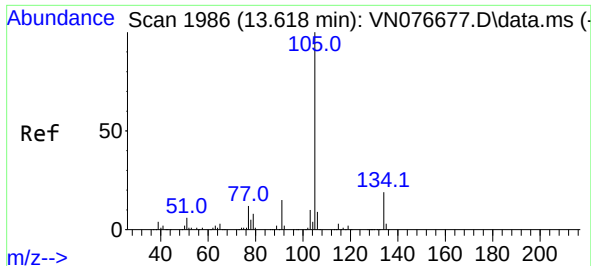
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#80
1,2,4-Trimethylbenzene
Concen: 123.707 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion:105 Resp: 3066258
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.2





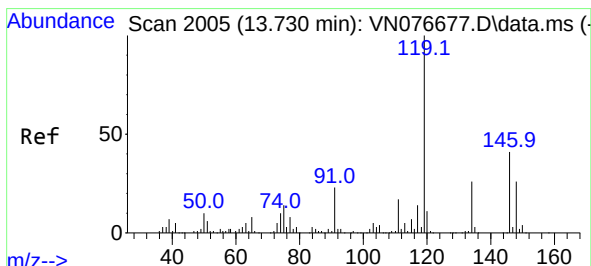
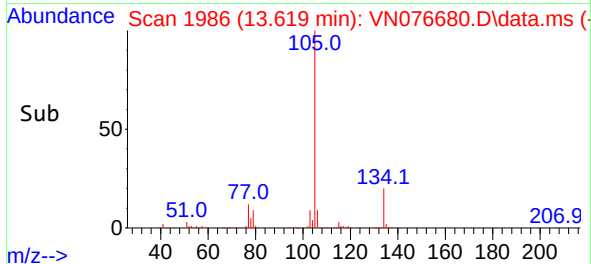
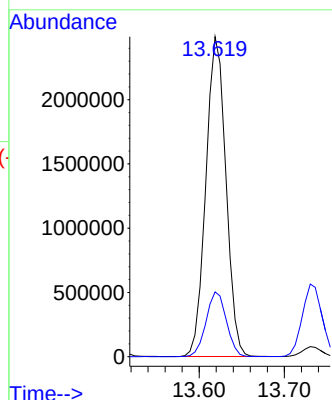
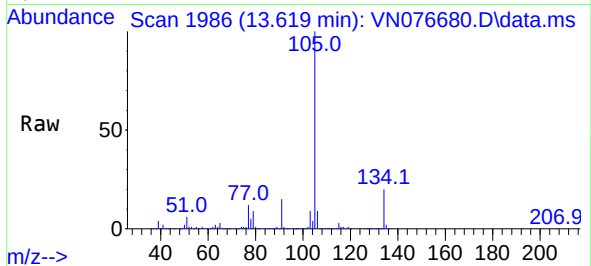
#81
 sec-Butylbenzene
 Concen: 136.009 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076680.D
 Acq: 15 Feb 2023 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 406285
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 39.4

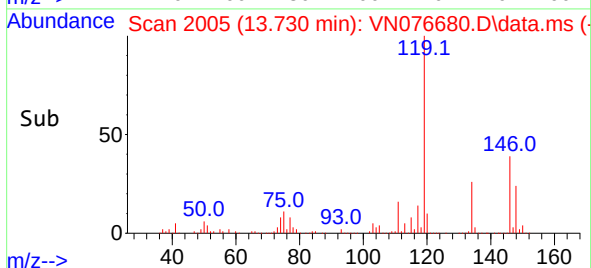
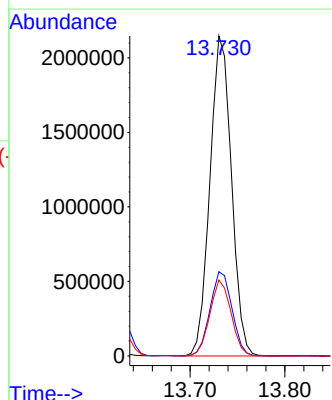
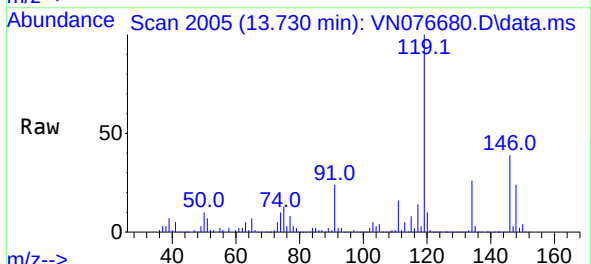
Manual Integrations
 APPROVED

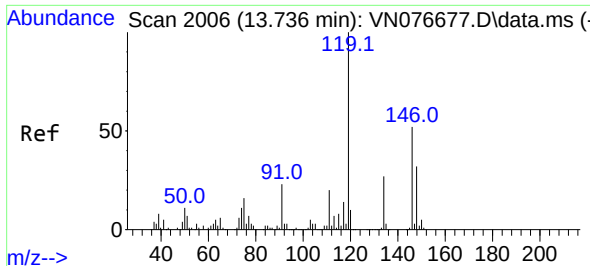
Reviewed By :John Carlone 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#82
 p-Isopropyltoluene
 Concen: 141.081 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076680.D
 Acq: 15 Feb 2023 11:59

Tgt Ion:119 Resp: 3386292
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.4
 91 23.3 0.0 47.2





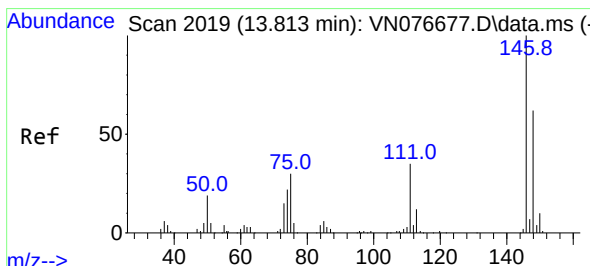
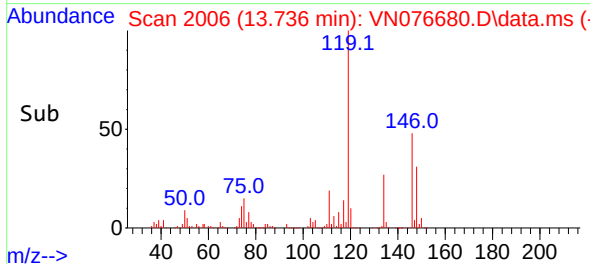
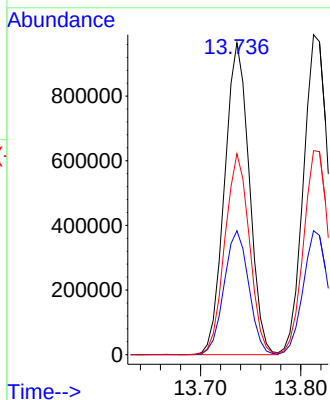
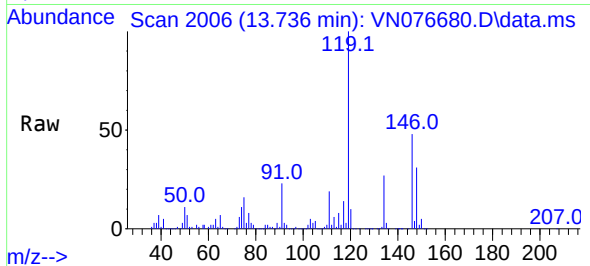
#83
1,3-Dichlorobenzene
Concen: 139.619 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 1649290
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 64.1 31.9 95.5

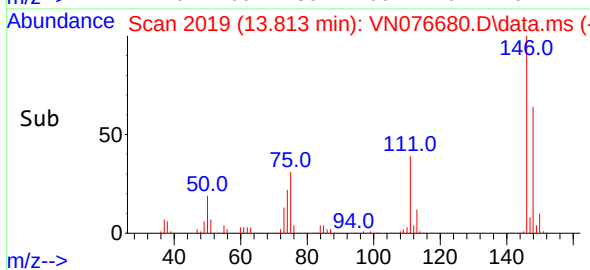
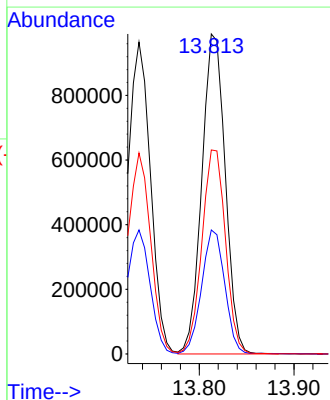
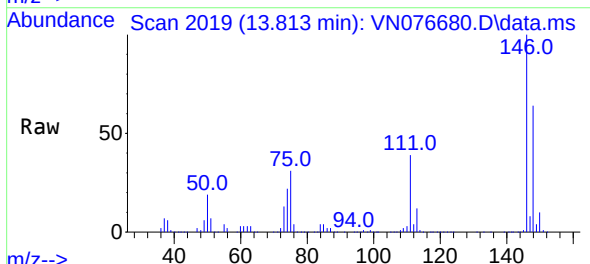
Manual Integrations
APPROVED

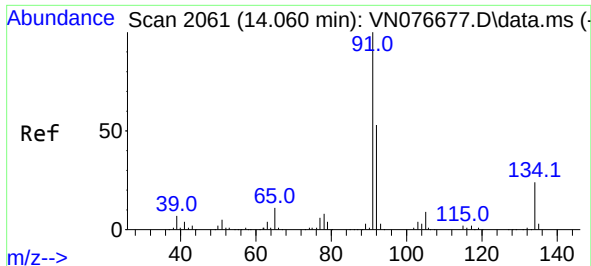
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#84
1,4-Dichlorobenzene
Concen: 144.664 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion:146 Resp: 1704944
Ion Ratio Lower Upper
146 100
111 38.3 18.2 54.6
148 64.2 31.1 93.2





#85
n-Butylbenzene
Concen: 141.470 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :

MSVOA_N

ClientSampleId :

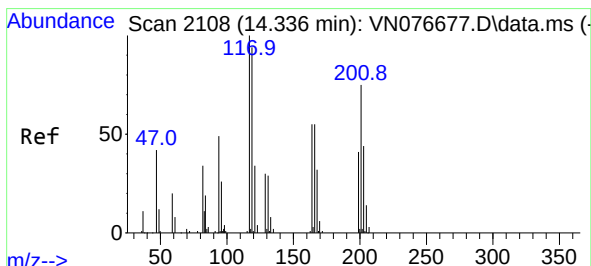
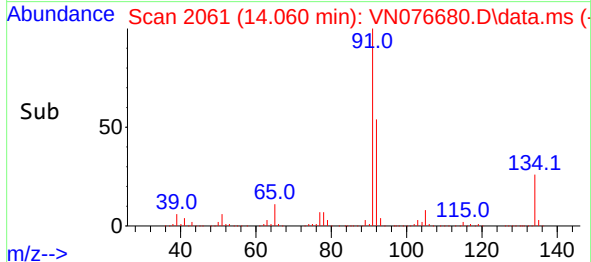
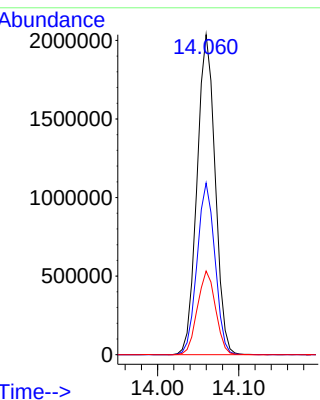
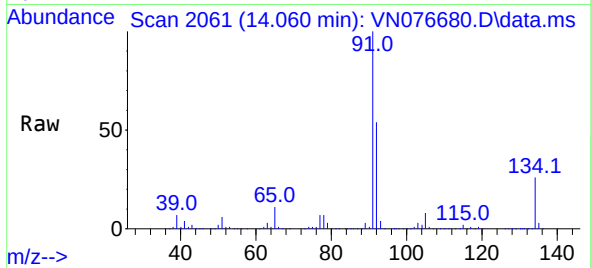
VSTDICC150

Tgt Ion: 91 Resp: 315325
Ion Ratio Lower Upper
91 100
92 53.0 0.0 103.2
134 26.2 0.0 50.0

Manual Integrations

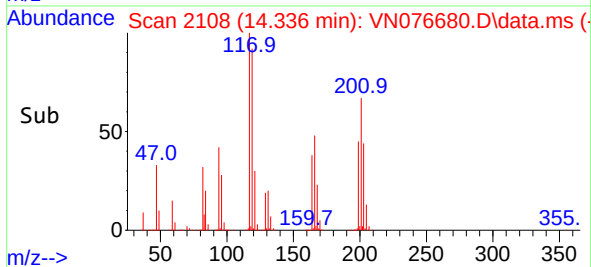
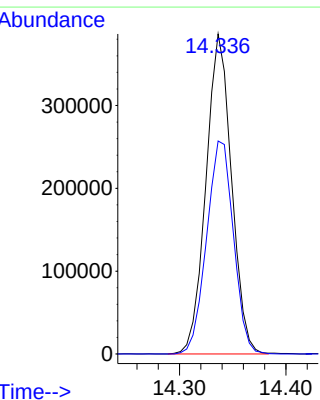
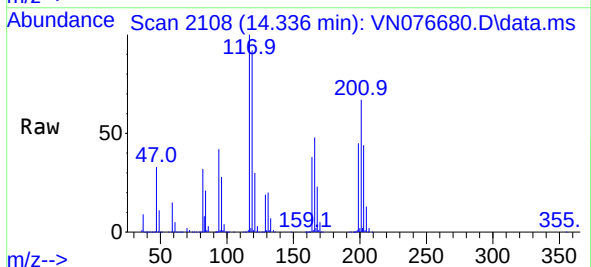
APPROVED

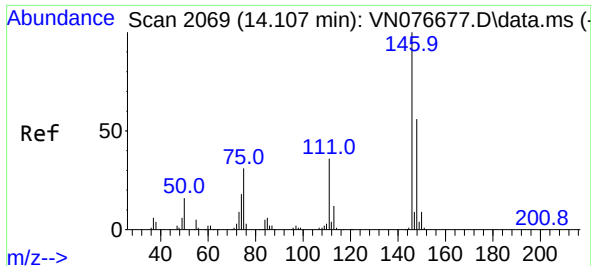
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#86
Hexachloroethane
Concen: 138.026 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Tgt Ion:117 Resp: 643268
Ion Ratio Lower Upper
117 100
201 70.0 32.2 96.6





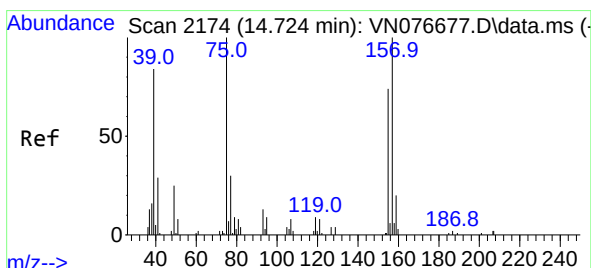
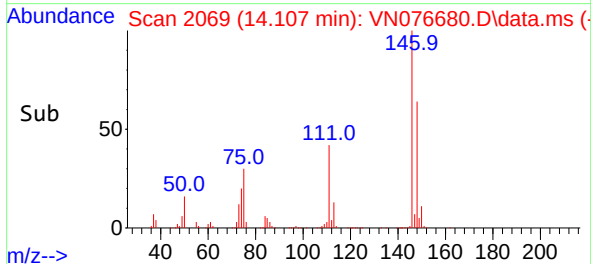
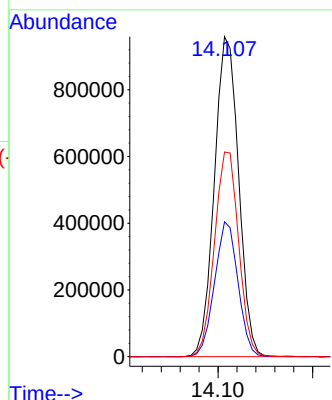
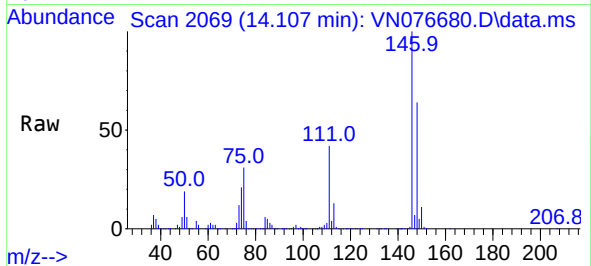
#87
1,2-Dichlorobenzene
Concen: 131.604 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 170656
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 64.0 32.5 97.5

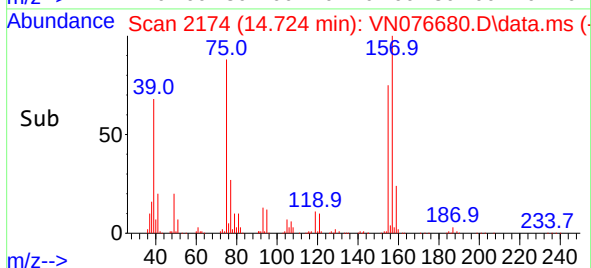
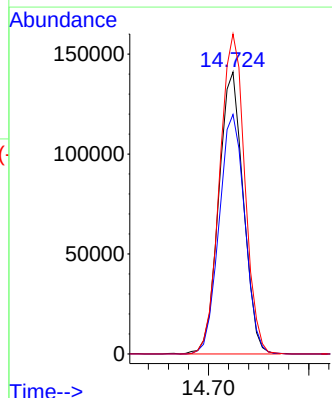
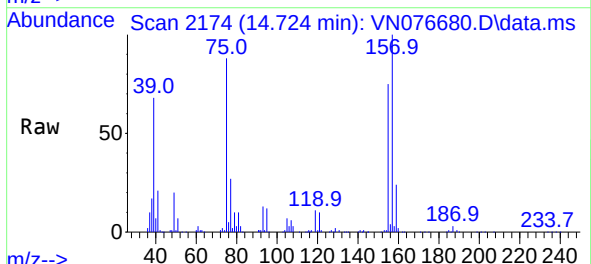
Manual Integrations
APPROVED

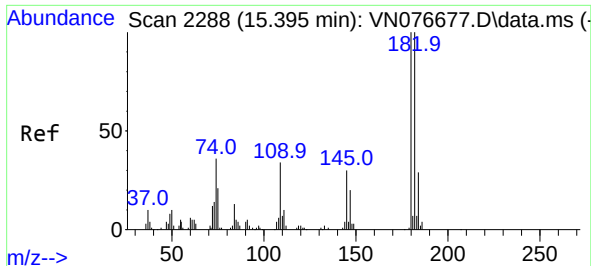
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 125.592 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

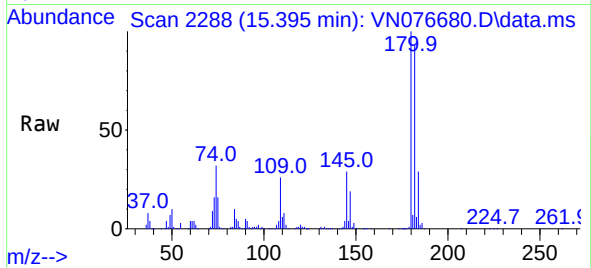
Tgt Ion: 75 Resp: 240222
Ion Ratio Lower Upper
75 100
155 88.3 62.5 93.7
157 115.5 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 187.593 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

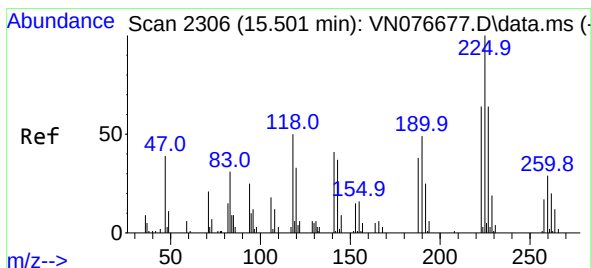
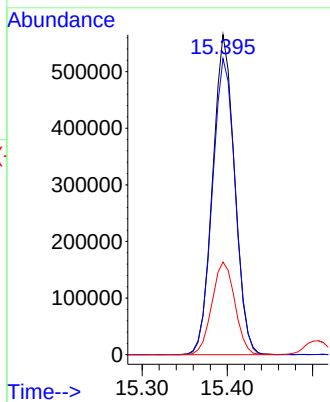
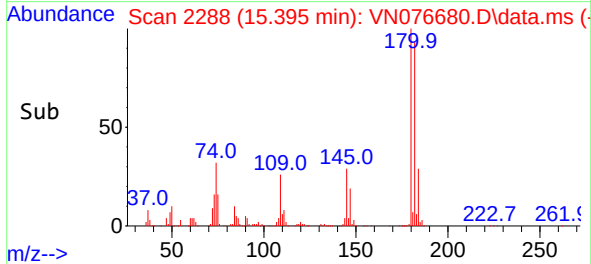
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



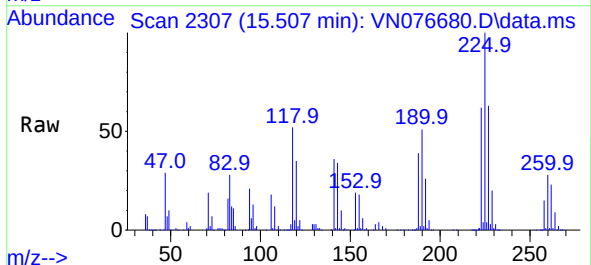
Tgt Ion:180 Resp: 101452
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 30.1 24.6 36.8

Manual Integrations
APPROVED

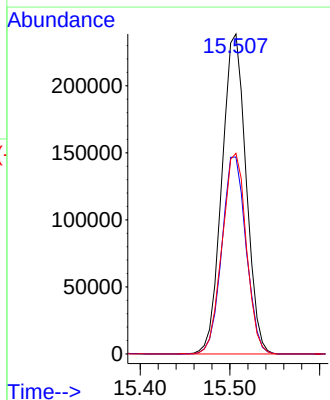
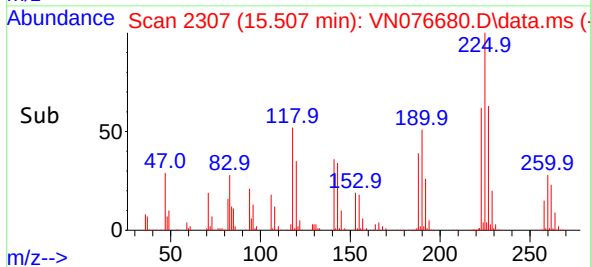
Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

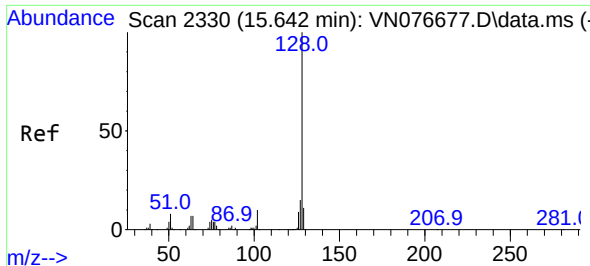


#90
Hexachlorobutadiene
Concen: 170.865 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



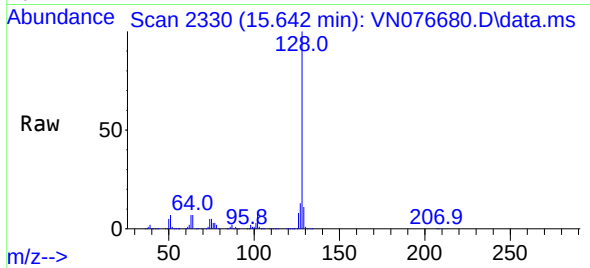
Tgt Ion:225 Resp: 446408
Ion Ratio Lower Upper
225 100
223 61.7 0.0 135.4
227 62.6 0.0 129.4





#91
Naphthalene
Concen: 177.913 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59

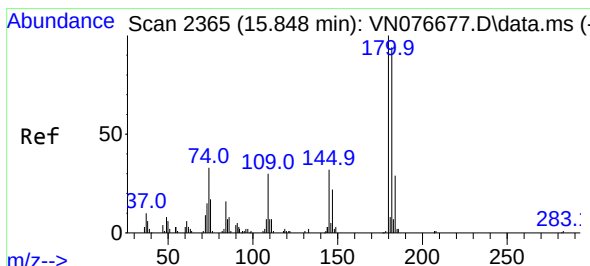
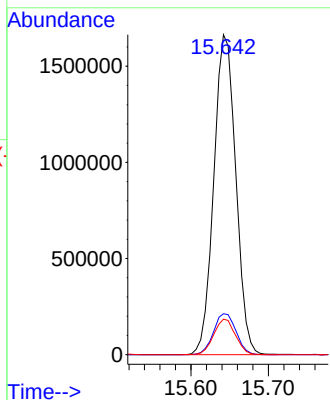
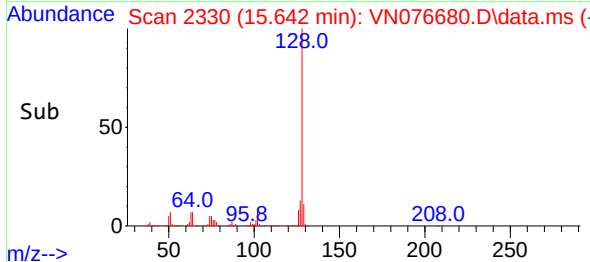
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



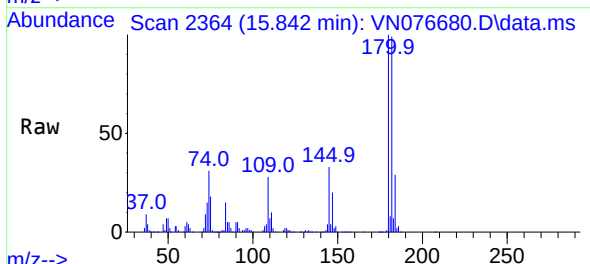
Tgt Ion:128 Resp: 328288
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.6
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#92
1,2,3-Trichlorobenzene
Concen: 182.177 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN076680.D
Acq: 15 Feb 2023 11:59



Tgt Ion:180 Resp: 983336
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.8
145 32.2 0.0 65.0

