

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076886.D
 Acq On : 08 Mar 2023 19:11
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 03:48:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 03:46:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	49864	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	365793	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	410297	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	140897	30.651	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.167%			
60) 4-Bromofluorobenzene	12.848	95	232786	31.776	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.933%			
63) Toluene-d8	10.572	98	423038	29.424	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.067%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	322199	58.109	ug/l	96
3) Chloromethane	2.378	50	286578	44.908	ug/l	97
4) Vinyl Chloride	2.531	62	265306	40.003	ug/l	90
5) Bromomethane	2.972	94	152159	33.079	ug/l	90
6) Chloroethane	3.137	64	153450	36.125	ug/l	99
7) Trichlorofluoromethane	3.513	101	493429	55.124	ug/l	97
8) Diethyl Ether	3.972	74	193419	55.011	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.390	101	288819	53.667	ug/l	75
10) 1,1-Dichloroethene	4.354	96	275949	54.393	ug/l	93
11) Methyl Iodide	4.607	142	365314	59.699	ug/l	96
12) Methyl Acetate	5.037	43	454764	45.805	ug/l	94
13) Acrolein	4.190	56	330366	266.121	ug/l	97
14) Acrylonitrile	5.737	53	740464	240.598	ug/l	100
15) Acetone	4.437	58	196037	203.584	ug/l	88
16) Carbon Disulfide	4.731	76	773256	54.518	ug/l	99
17) Allyl chloride	5.037	41	424601	48.506	ug/l	93
18) Methylene Chloride	5.295	84	314870	49.999	ug/l	87
19) trans-1,2-Dichloroethene	5.801	96	294666	52.577	ug/l	96
20) Diisopropyl ether	6.689	45	977431	47.583	ug/l	96
21) 1,1-Dichloroethane	6.578	63	558587	50.932	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	338010	52.973	ug/l	99
23) tert-Butyl Alcohol	5.531	59	211918	239.665	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	938672	54.146	ug/l	92
25) Chloroform	7.972	83	561531	52.204	ug/l	99
26) Cyclohexane	8.266	56	530830	53.761	ug/l #	96
29) 1,1-Dichloropropene	8.378	75	432258	51.741	ug/l	98
30) 2-Butanone	7.489	43	950225	204.597	ug/l	94
31) 2,2-Dichloropropane	7.501	77	425077	48.857	ug/l #	61
32) 1,1,1-Trichloroethane	8.178	97	495769	50.882	ug/l	97
33) Carbon Tetrachloride	8.372	117	436811	51.582	ug/l	97
34) Benzene	8.613	78	1290637	48.568	ug/l	99
35) Methacrylonitrile	7.784	41	226360	43.915	ug/l	93
36) 1,2-Dichloroethane	8.678	62	427810	48.075	ug/l	98
37) Trichloroethene	9.354	130	322966	51.729	ug/l	90
38) Methylcyclohexane	9.607	83	551406	52.051	ug/l	99
39) 1,2-Dichloropropane	9.625	63	329639	47.886	ug/l	95
40) Dibromomethane	9.713	93	211184	48.146	ug/l	94
41) Bromodichloromethane	9.889	83	437518	49.561	ug/l	100
42) Vinyl Acetate	6.613	43	3178138	231.471	ug/l	97

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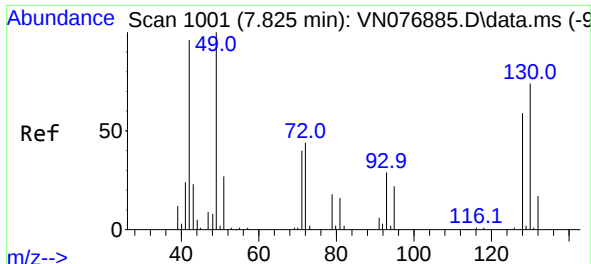
Quant Time: Mar 09 03:48:04 2023
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	381022	42.559	ug/l	96
44) Isopropyl Acetate	8.695	43	653442	44.092	ug/l	93
45) 1,4-Dioxane	9.695	88	103950	834.961	ug/l #	93
46) Methyl methacrylate	9.683	41	313573	45.898	ug/l	91
47) n-amyl Acetate	12.495	43	554209	43.233	ug/l	93
48) t-1,3-Dichloropropene	10.842	75	450894	50.608	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	515858	50.470	ug/l #	88
50) 1,1,2-Trichloroethane	11.019	97	306453	48.030	ug/l	96
51) Ethyl methacrylate	10.877	69	487720	52.583	ug/l	85
52) 1,3-Dichloropropane	11.166	76	534097	48.677	ug/l	99
53) Dibromochloromethane	11.360	129	320812	49.349	ug/l	98
54) 1,2-Dibromoethane	11.471	107	304500	49.321	ug/l	100
55) 2-Chloroethyl vinyl ether	10.160	63	874444	220.872	ug/l	99
56) Bromoform	12.583	173	220964	49.775	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	2016775	213.292	ug/l #	90
59) 2-Hexanone	11.195	43	1436201	206.132	ug/l #	89
61) Tetrachloroethene	11.107	164	321265	59.096	ug/l	91
62) Toluene	10.630	91	1372651	48.032	ug/l	99
64) Chlorobenzene	11.895	112	802627	47.636	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.966	131	300182	48.270	ug/l	97
66) Ethyl Benzene	11.966	91	1552849	50.949	ug/l	100
67) m/p-Xylenes	12.071	106	1159842	98.450	ug/l	91
68) o-Xylene	12.401	106	568363	49.029	ug/l	96
69) Styrene	12.413	104	945846	50.765	ug/l	98
70) Isopropylbenzene	12.701	105	1495380	50.399	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	417620	43.824	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	381231m	44.518	ug/l	
73) Bromobenzene	12.983	156	328930	48.289	ug/l	94
74) n-propylbenzene	13.036	91	1799244	50.776	ug/l	100
75) 2-Chlorotoluene	13.124	91	1076412	50.701	ug/l	97
76) 1,3,5-Trimethylbenzene	13.177	105	1295951	51.958	ug/l	94
77) t-1,4-Dichloro-2-butene	12.736	75	125220	46.377	ug/l	98
78) 4-Chlorotoluene	13.224	91	1045051	51.392	ug/l	94
79) tert-butylbenzene	13.442	119	1094246	50.314	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	1280118	51.992	ug/l	94
81) sec-Butylbenzene	13.618	105	1579826	50.429	ug/l	100
82) p-Isopropyltoluene	13.730	119	1297009	51.134	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	612385	47.327	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	607048	47.854	ug/l	96
85) n-Butylbenzene	14.060	91	1147475	53.153	ug/l	98
86) Hexachloroethane	14.336	117	221261	45.705	ug/l	91
87) 1,2-Dichlorobenzene	14.107	146	605535	46.784	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	88268	48.946	ug/l	96
89) 1,2,4-Trichlorobenzene	15.395	180	353144	52.819	ug/l	98
90) Hexachlorobutadiene	15.501	225	172003	52.683	ug/l	98
91) Naphthalene	15.642	128	1140660	53.211	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	349045	51.341	ug/l	98

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



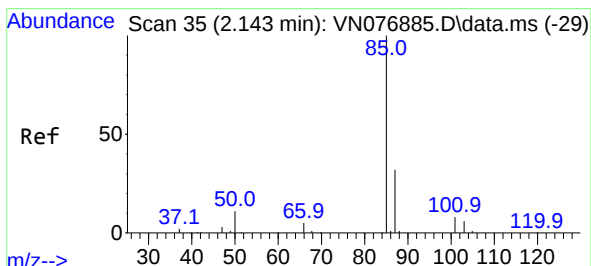
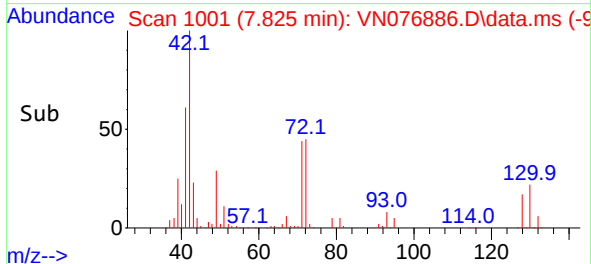
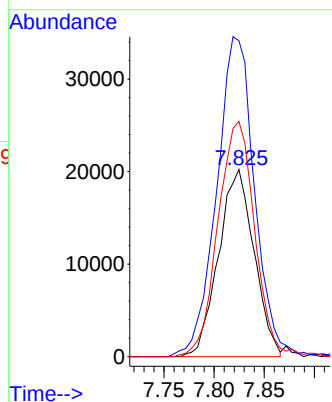
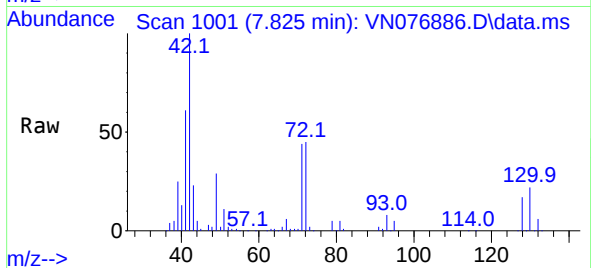
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 49864
Ion Ratio Lower Upper
128 100
49 182.2 0.0 461.8
130 128.9 0.0 295.3

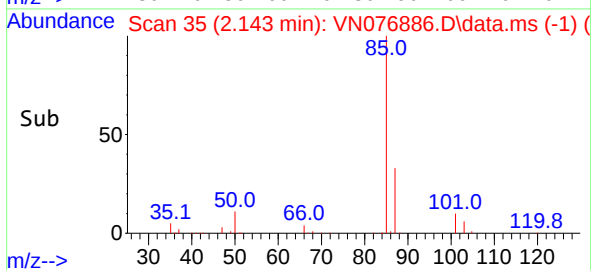
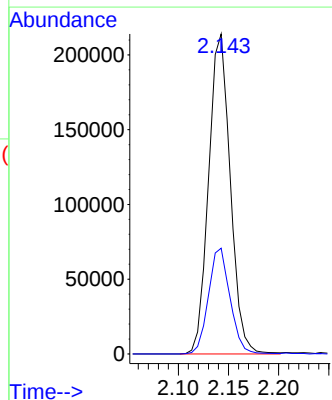
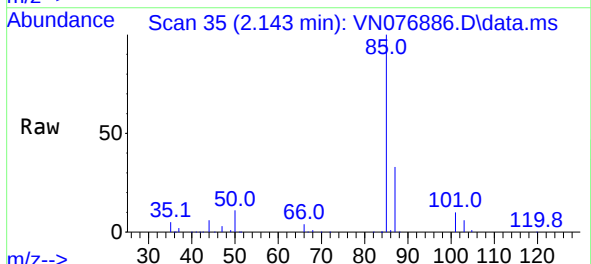
Manual Integrations
APPROVED

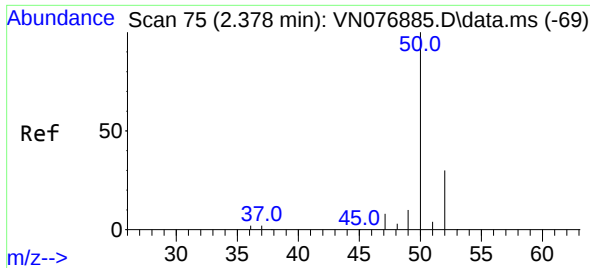
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#2
Dichlorodifluoromethane
Concen: 58.109 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

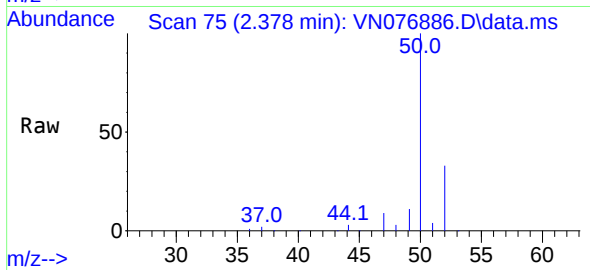
Tgt Ion: 85 Resp: 322199
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.1





#3
Chloromethane
Concen: 44.908 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

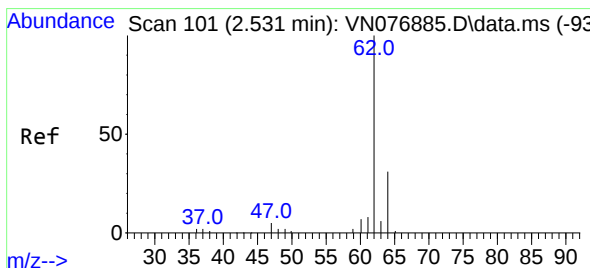
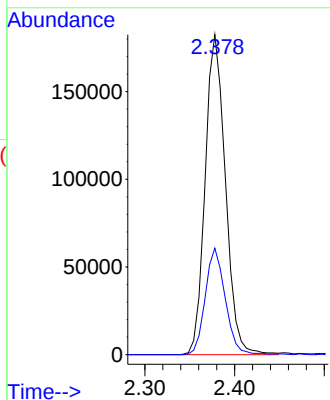
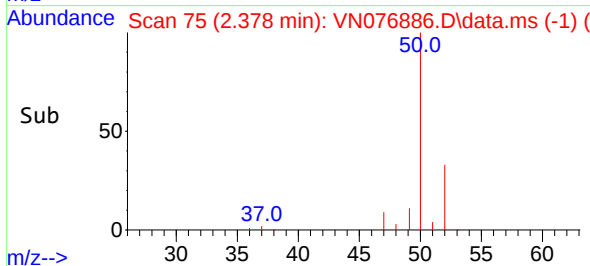
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



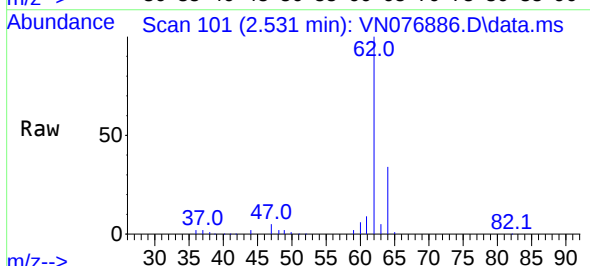
Tgt Ion: 50 Resp: 286578
Ion Ratio Lower Upper
50 100
52 33.3 25.3 37.9

Manual Integrations
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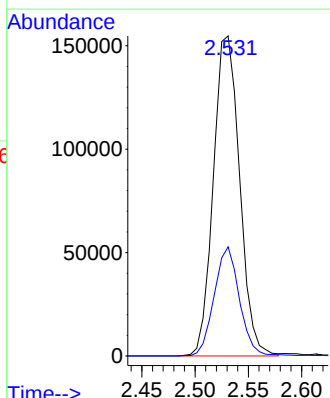
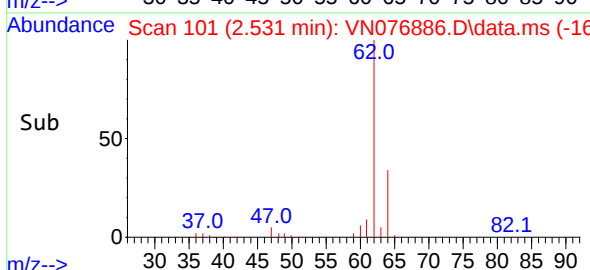
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Supervised By :Mahesh Dadoda 03/09/2023

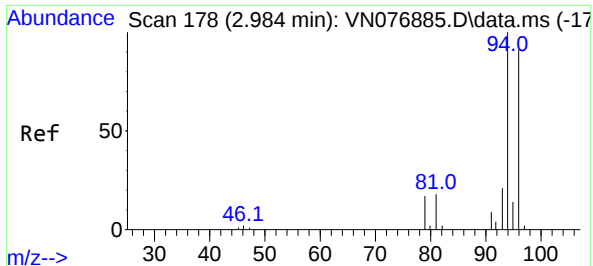


#4
Vinyl Chloride
Concen: 40.003 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



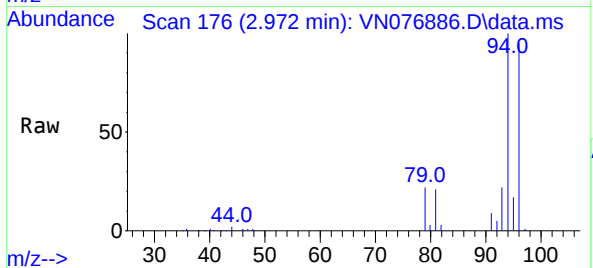
Tgt Ion: 62 Resp: 265306
Ion Ratio Lower Upper
62 100
64 34.1 23.1 34.7





#5
Bromomethane
Concen: 33.079 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

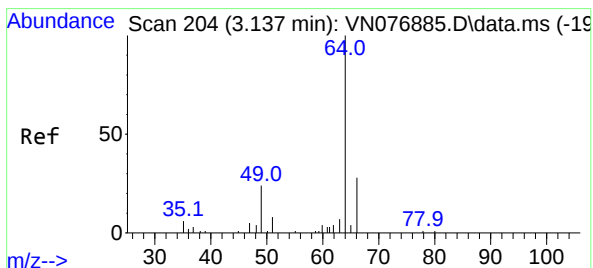
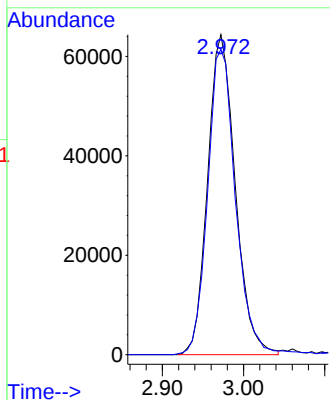
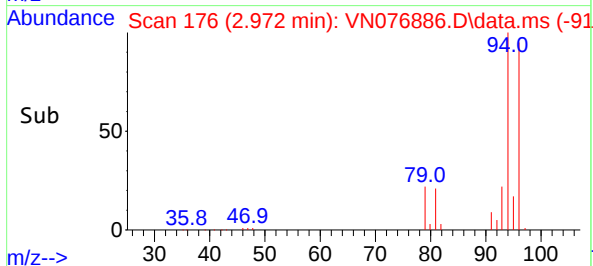
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



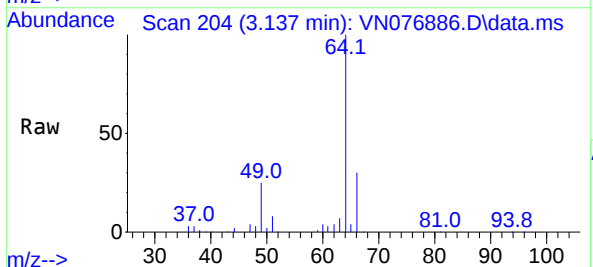
Tgt Ion: 94 Resp: 152159
Ion Ratio Lower Upper
94 100
96 95.1 68.6 103.0

Manual Integrations
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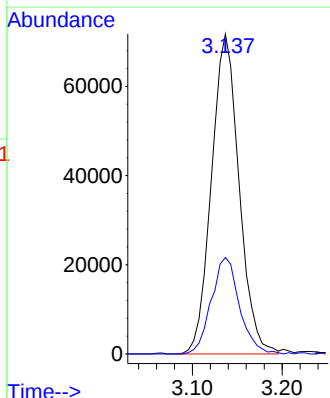
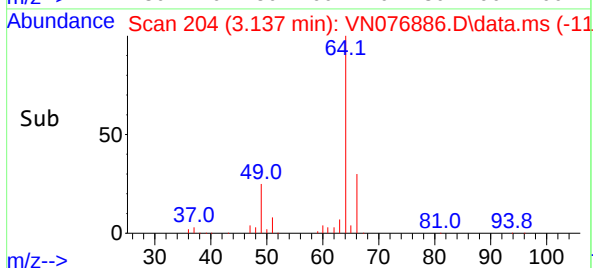
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

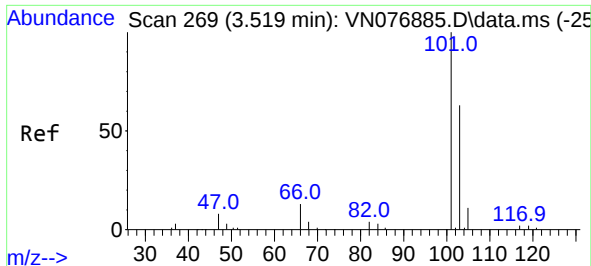


#6
Chloroethane
Concen: 36.125 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion: 64 Resp: 153450
Ion Ratio Lower Upper
64 100
66 30.2 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 55.124 ug/l
 RT: 3.513 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN076886.D
 Acq: 08 Mar 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

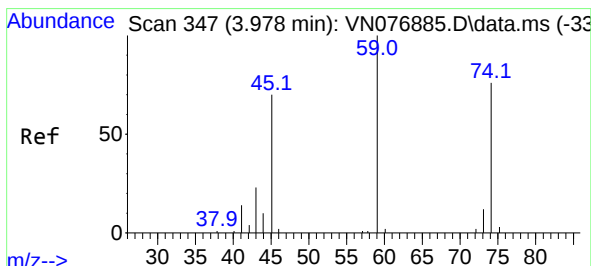
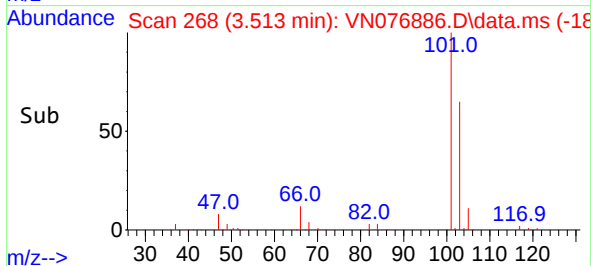
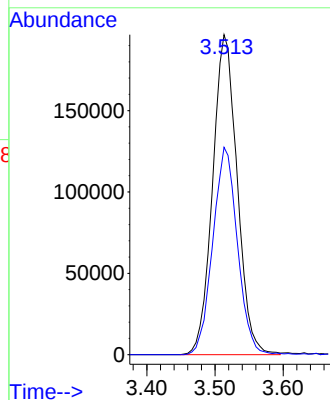
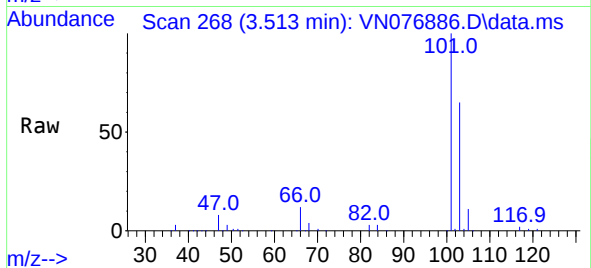
VSTDIC050

Tgt Ion:101 Resp: 493429
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.2 75.2

Manual Integrations

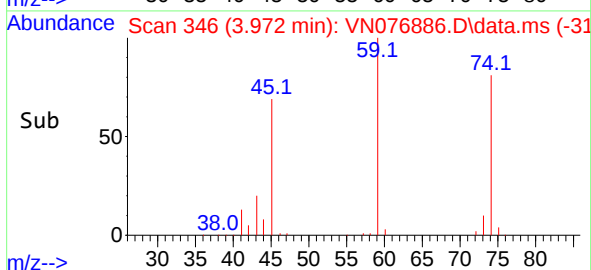
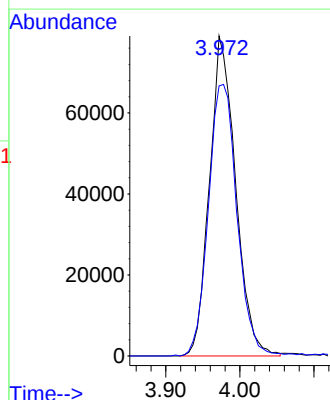
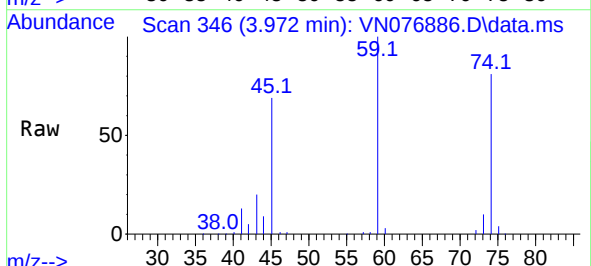
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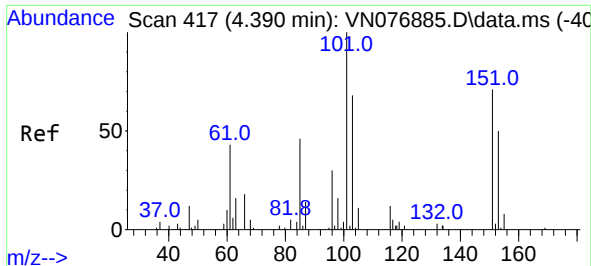
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#8
 Diethyl Ether
 Concen: 55.011 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN076886.D
 Acq: 08 Mar 2023 19:11

Tgt Ion: 74 Resp: 193419
 Ion Ratio Lower Upper
 74 100
 45 92.6 21.4 193.0





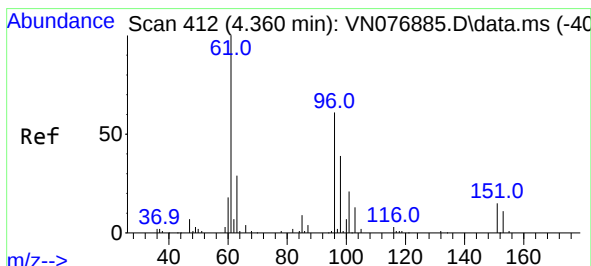
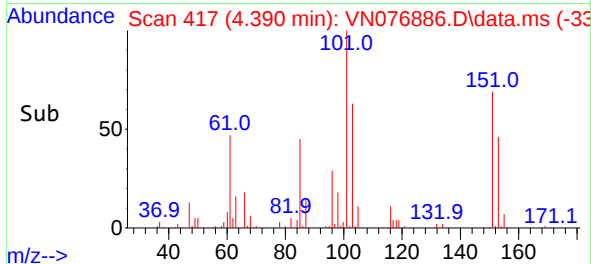
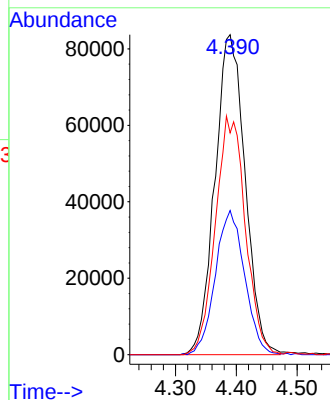
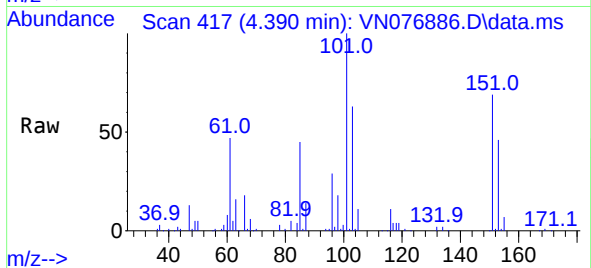
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1,1,2-Trichlorotrifluoroethane
Concen: 53.667 ug/l
RT: 4.390 min Scan# 417
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 288819
Ion Ratio Lower Upper
101 100
85 43.6 0.0 95.2
151 39.2 0.0 142.2

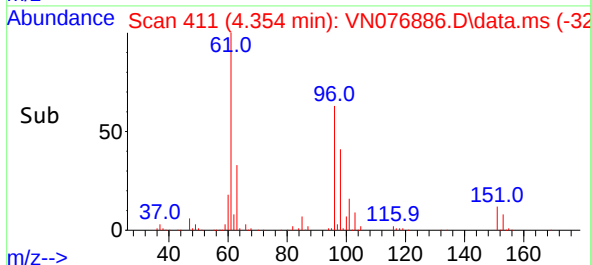
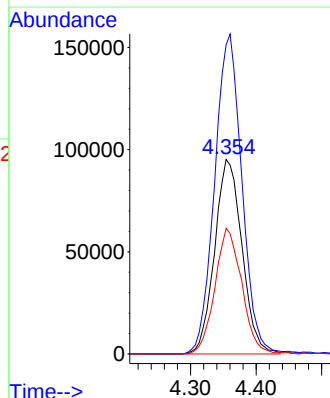
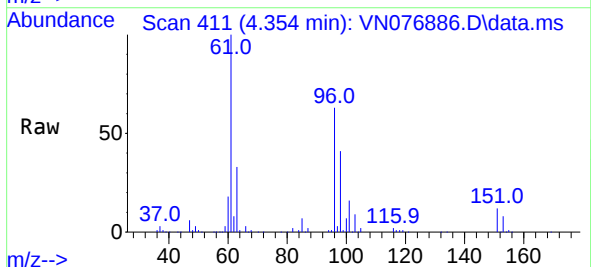
Manual Integrations
APPROVED

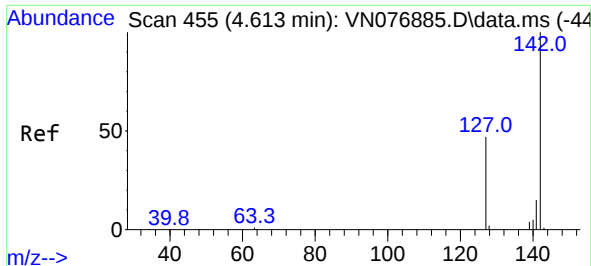
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
1,1-Dichloroethene
Concen: 54.393 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

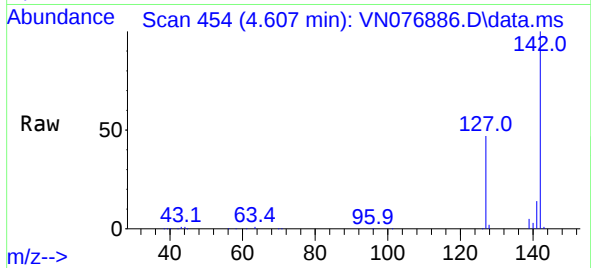
Tgt Ion: 96 Resp: 275949
Ion Ratio Lower Upper
96 100
61 158.9 137.1 205.7
98 64.5 53.2 79.8





#11
Methyl Iodide
Concen: 59.699 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

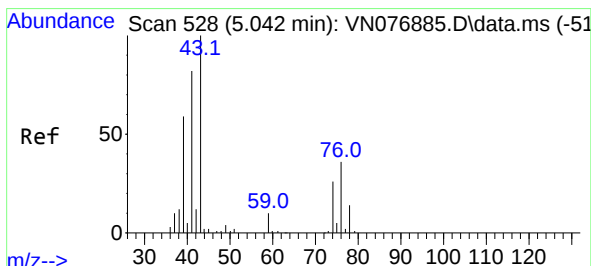
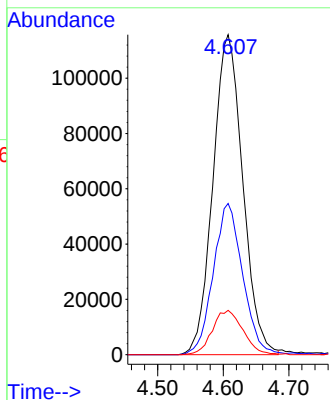
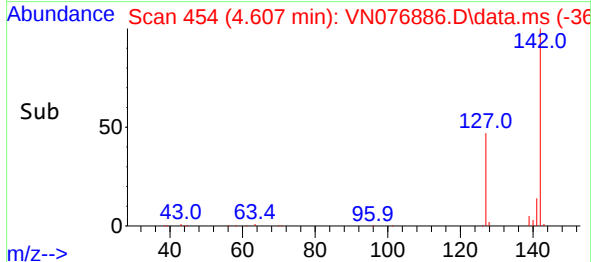
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 365314
Ion Ratio Lower Upper
142 100
127 47.2 25.0 75.0
141 13.9 8.0 24.0

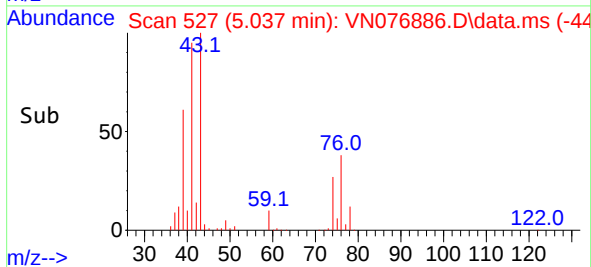
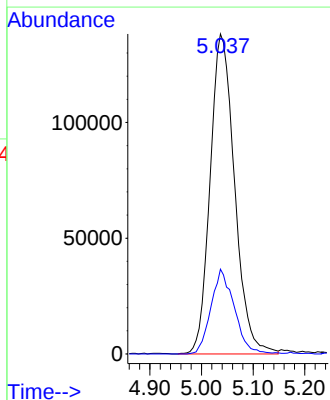
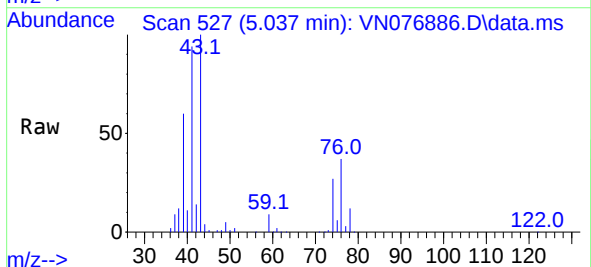
Manual Integrations
APPROVED

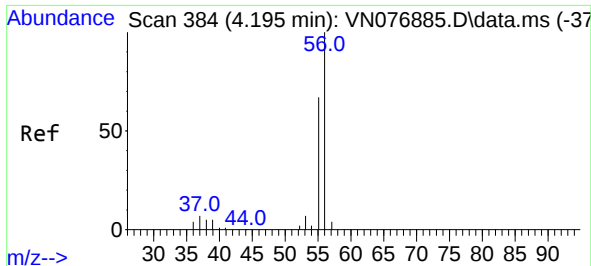
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#12
Methyl Acetate
Concen: 45.805 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

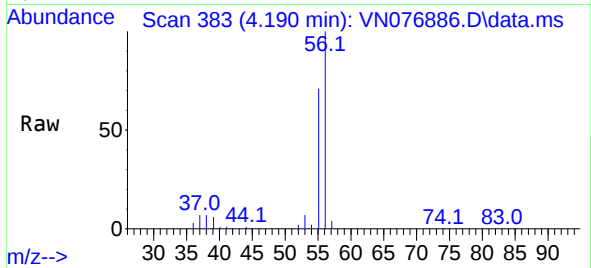
Tgt Ion: 43 Resp: 454764
Ion Ratio Lower Upper
43 100
74 26.5 19.0 28.4





#13
Acrolein
Concen: 266.121 ug/l
RT: 4.190 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

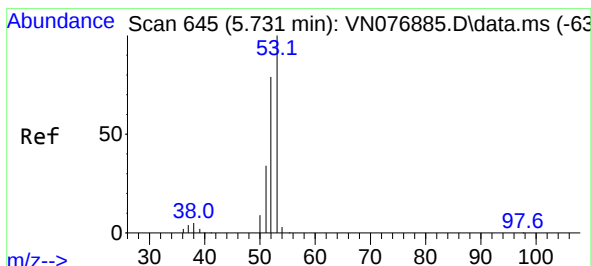
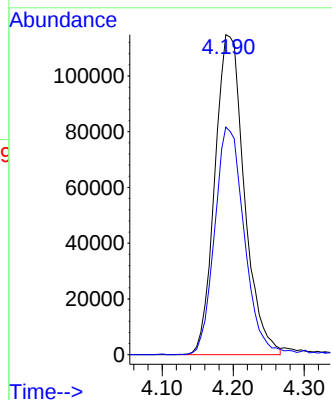
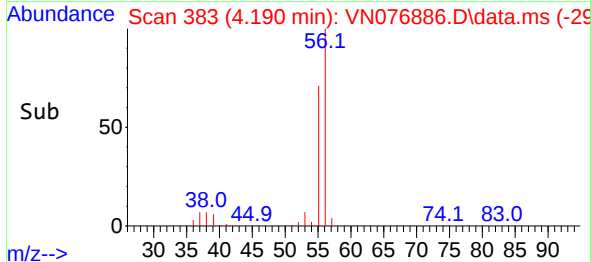
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 330360
Ion Ratio Lower Upper
56 100
55 71.3 55.0 82.4

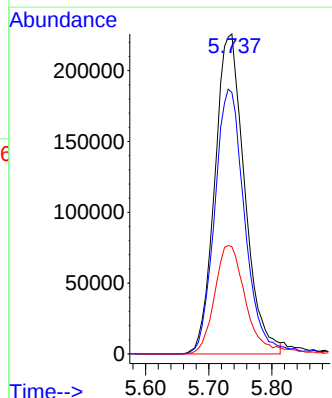
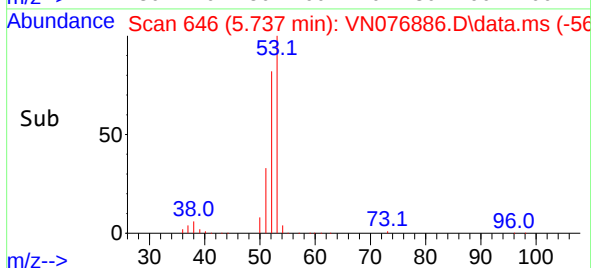
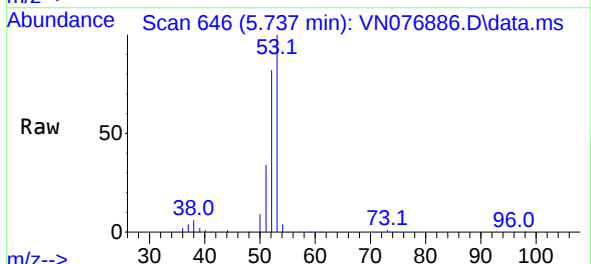
Manual Integrations
APPROVED

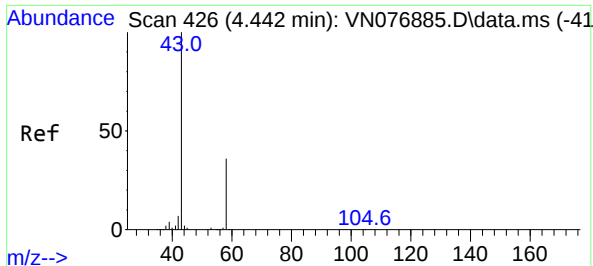
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#14
Acrylonitrile
Concen: 240.598 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

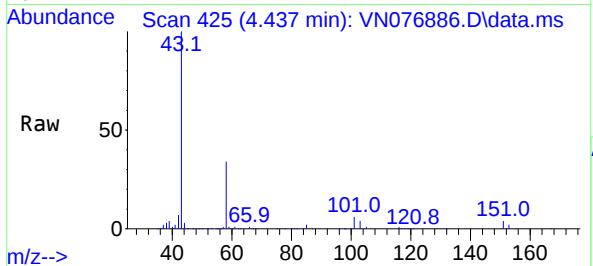
Tgt Ion: 53 Resp: 740464
Ion Ratio Lower Upper
53 100
52 83.1 41.5 124.6
51 34.4 17.6 52.8





#15
Acetone
Concen: 203.584 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

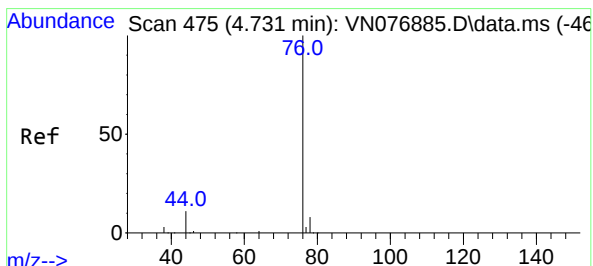
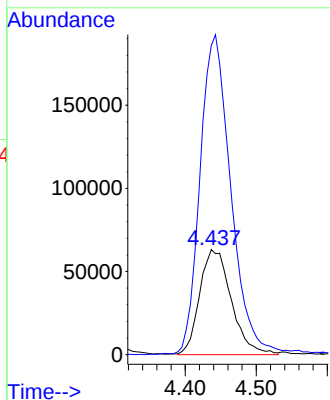
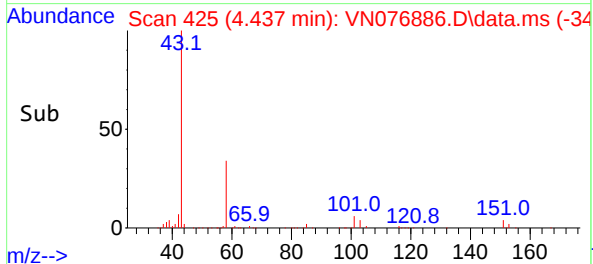
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 19603
Ion Ratio Lower Upper
58 100
43 293.7 255.4 383.0

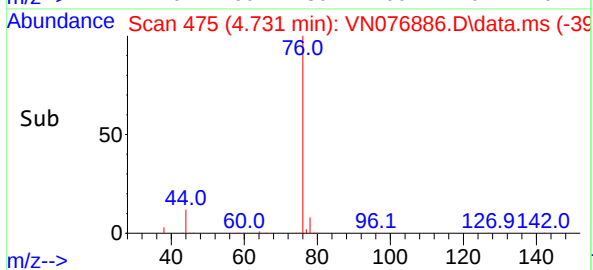
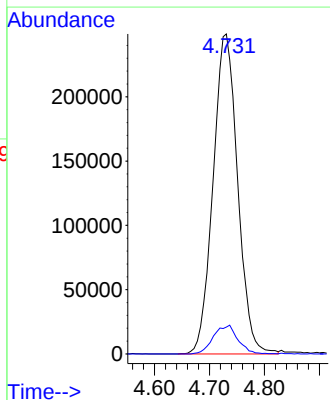
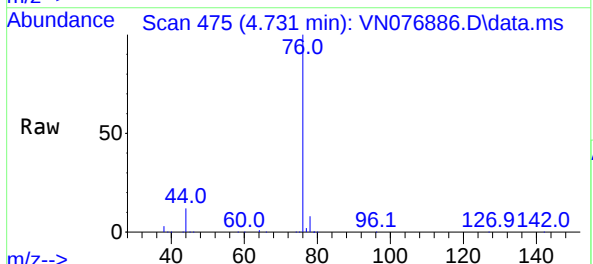
Manual Integrations
APPROVED

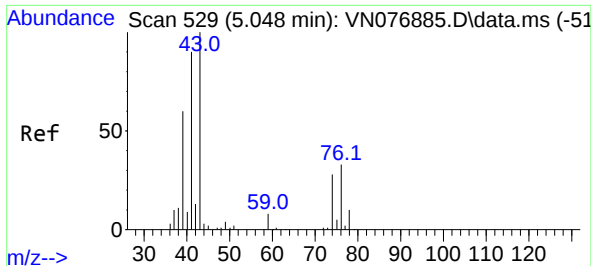
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#16
Carbon Disulfide
Concen: 54.518 ug/l
RT: 4.731 min Scan# 475
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion: 76 Resp: 773256
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8





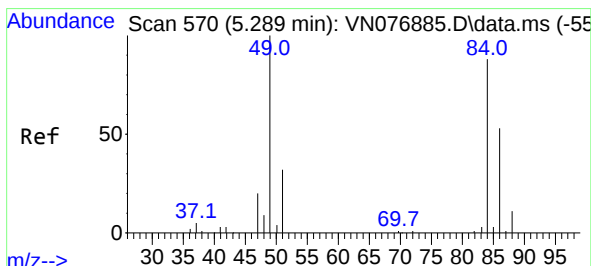
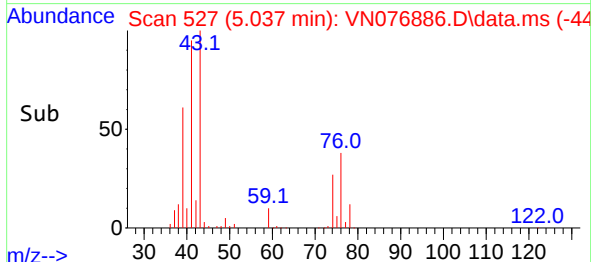
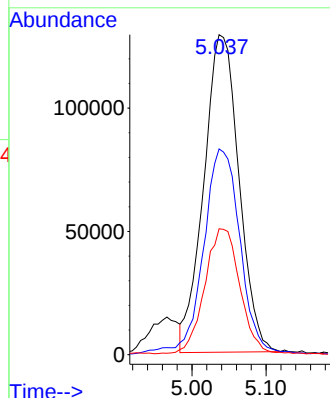
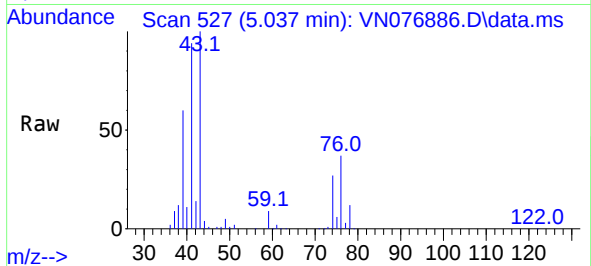
#17
 Allyl chloride
 Concen: 48.506 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN076886.D
 Acq: 08 Mar 2023 19:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 41 Resp: 42460
 Ion Ratio Lower Upper
 41 100
 39 63.9 34.8 104.3
 76 39.0 17.5 52.5

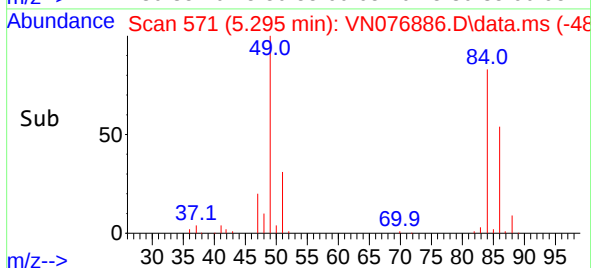
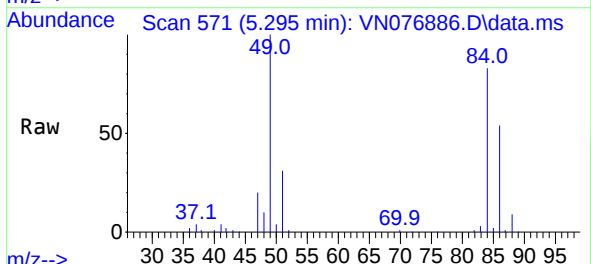
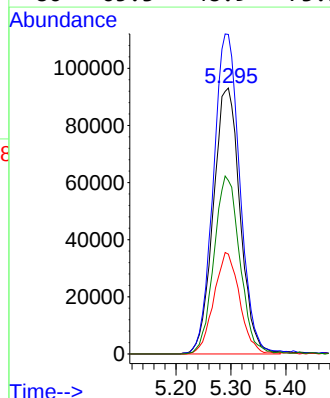
Manual Integrations
 APPROVED

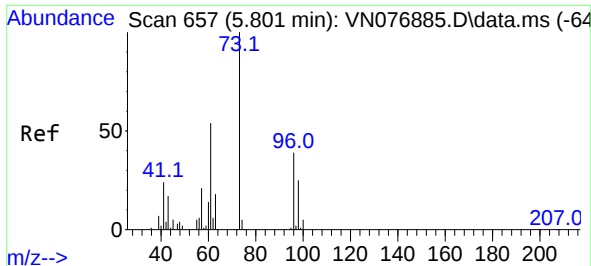
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#18
 Methylene Chloride
 Concen: 49.999 ug/l
 RT: 5.295 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VN076886.D
 Acq: 08 Mar 2023 19:11

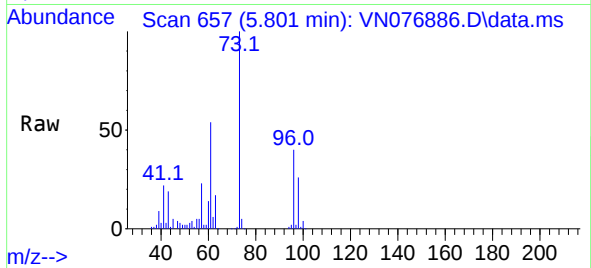
Tgt Ion: 84 Resp: 314870
 Ion Ratio Lower Upper
 84 100
 49 120.2 113.8 170.6
 51 37.6 34.2 51.4
 86 65.3 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 52.577 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

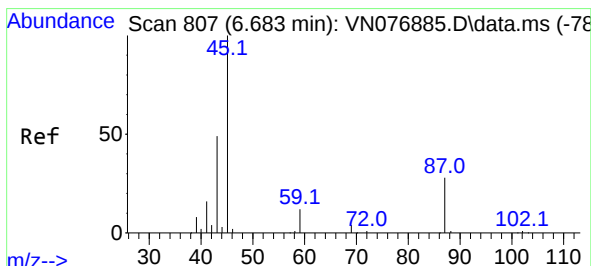
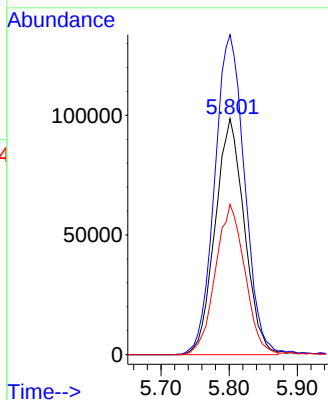
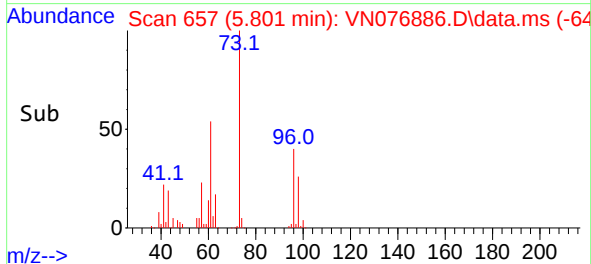
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



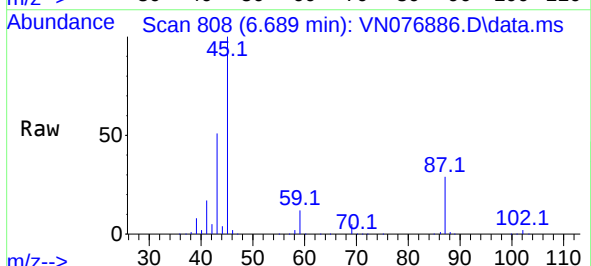
Tgt Ion: 96 Resp: 294660
Ion Ratio Lower Upper
96 100
61 135.3 111.0 166.4
98 63.7 55.0 82.6

Manual Integrations
APPROVED

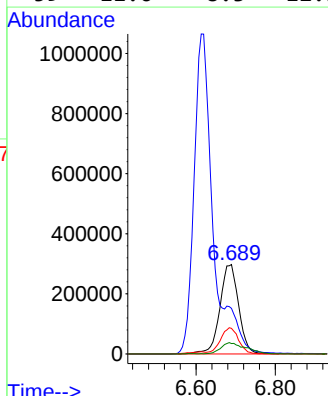
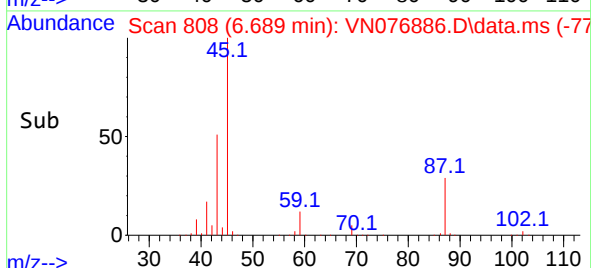
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

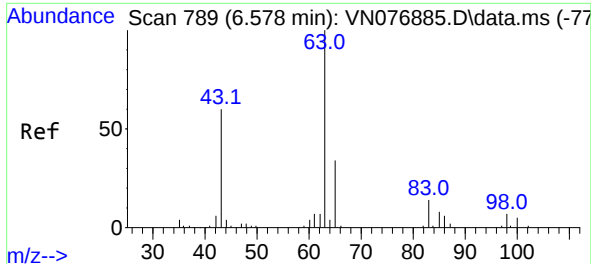


#20
Diisopropyl ether
Concen: 47.583 ug/l
RT: 6.689 min Scan# 808
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



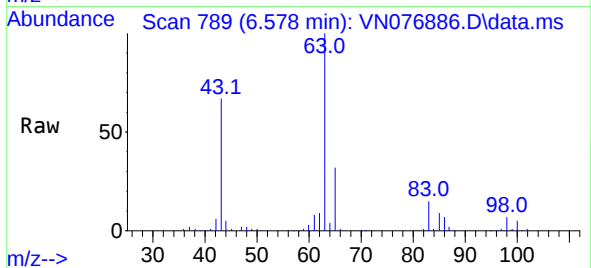
Tgt Ion: 45 Resp: 977431
Ion Ratio Lower Upper
45 100
43 50.1 38.6 58.0
87 28.6 20.1 30.1
59 11.6 8.3 12.5





#21
1,1-Dichloroethane
Concen: 50.932 ug/l
RT: 6.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

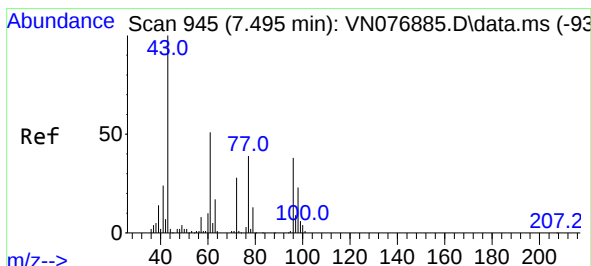
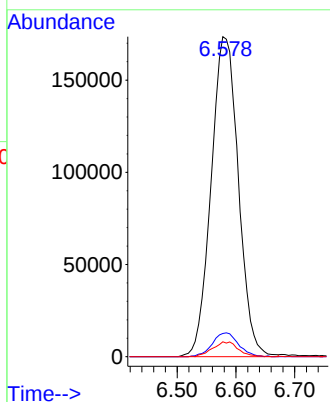
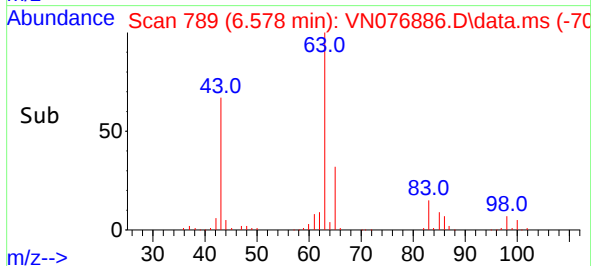
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



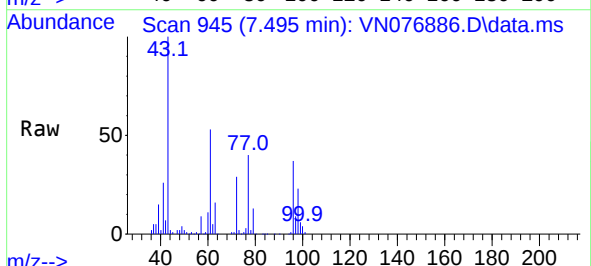
Tgt Ion: 63 Resp: 55858
Ion Ratio Lower Upper
63 100
98 7.3 3.6 10.9
100 4.7 2.6 7.8

Manual Integrations
APPROVED

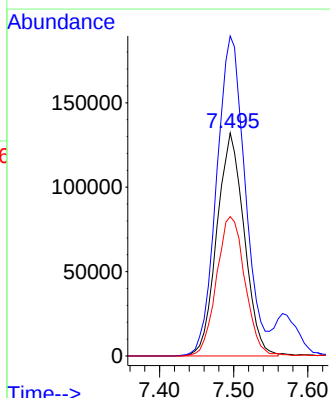
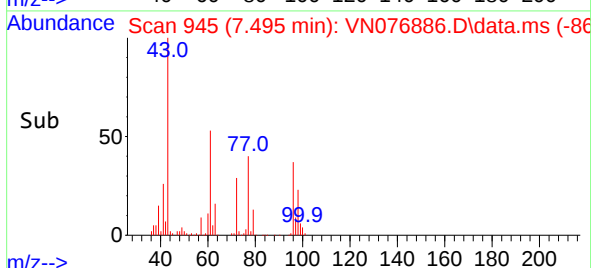
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

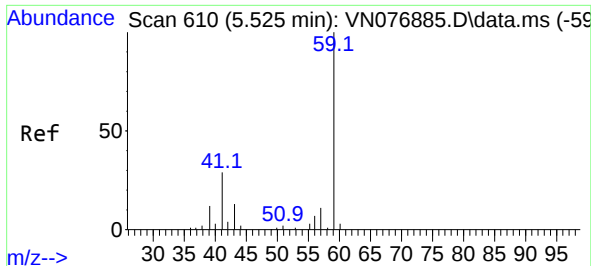


#22
cis-1,2-Dichloroethene
Concen: 52.973 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



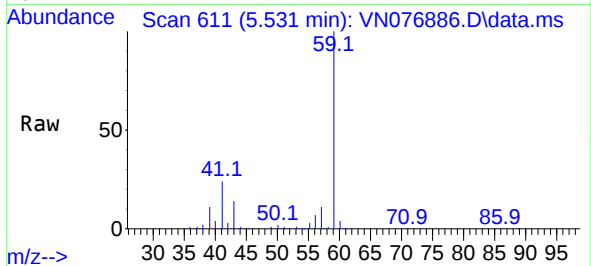
Tgt Ion: 96 Resp: 338010
Ion Ratio Lower Upper
96 100
61 150.3 121.0 181.4
98 64.7 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 239.665 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

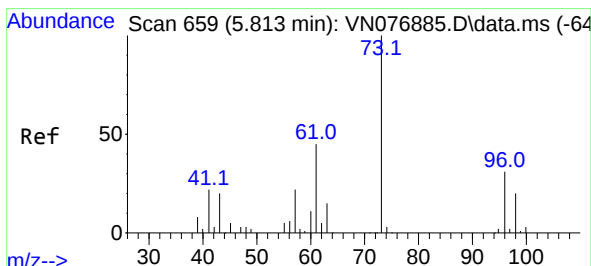
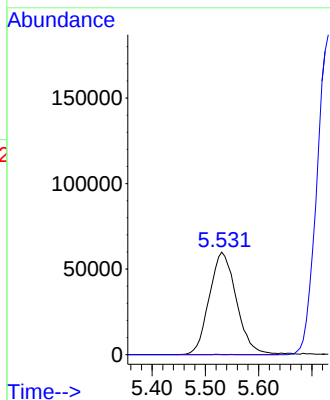
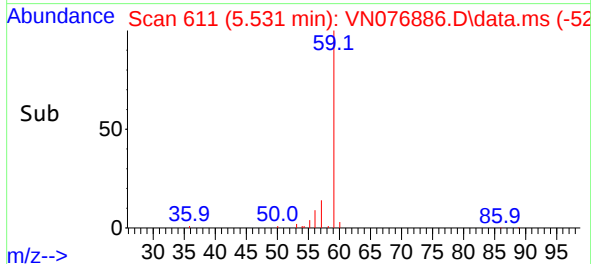
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 59 Resp: 211918
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2

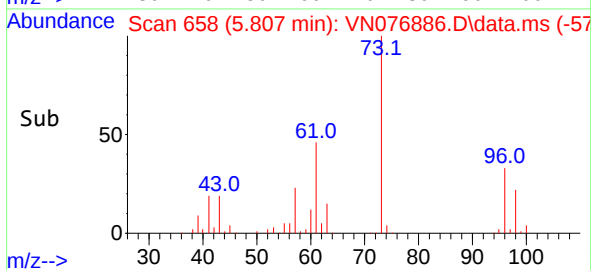
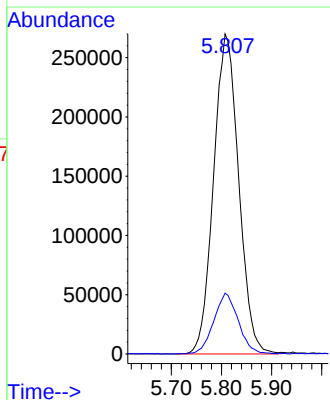
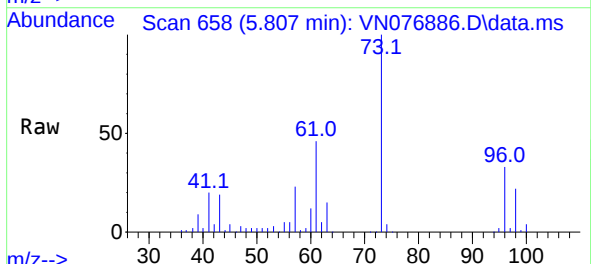
Manual Integrations
APPROVED

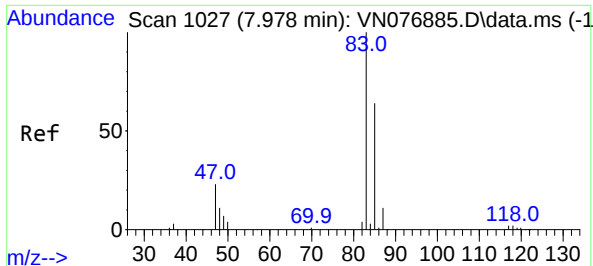
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#24
Methyl tert-Butyl Ether
Concen: 54.146 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion: 73 Resp: 938672
Ion Ratio Lower Upper
73 100
43 18.4 17.8 26.6





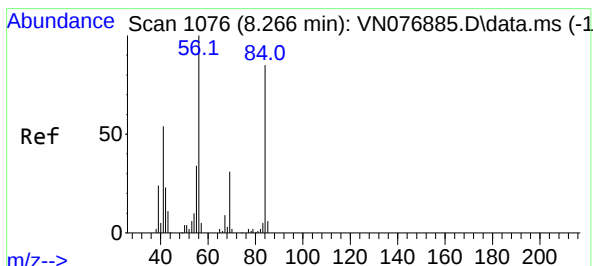
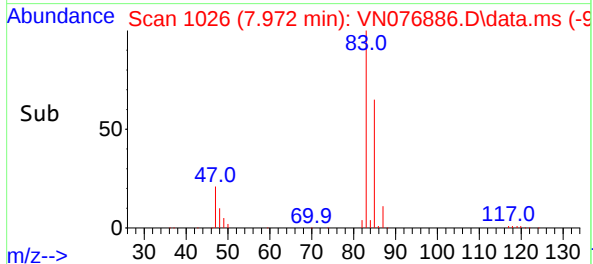
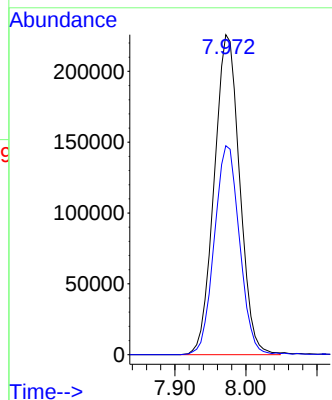
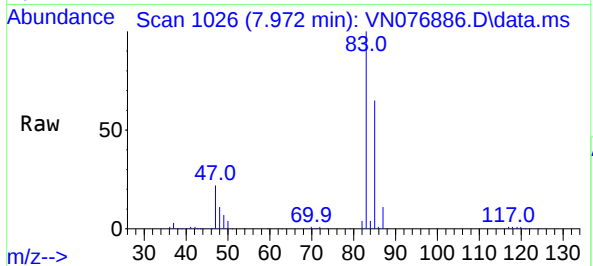
#25
Chloroform
Concen: 52.204 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 56153
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.6

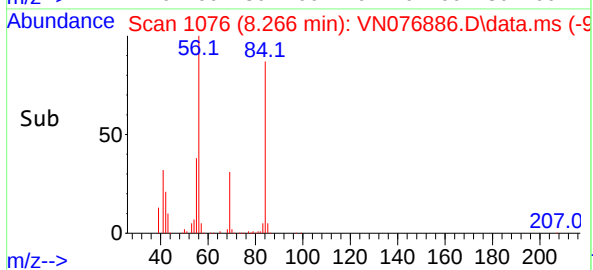
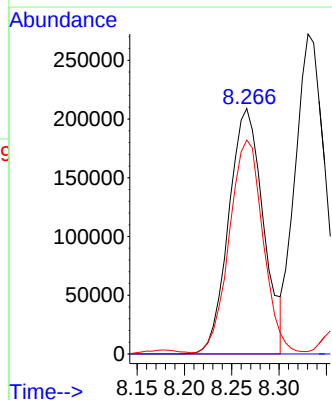
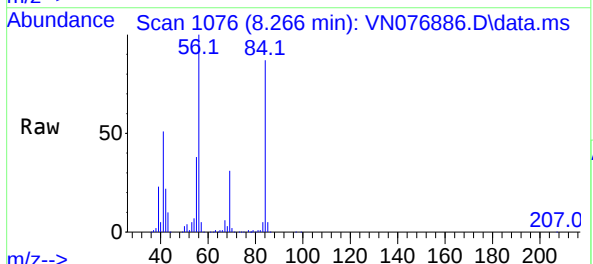
Manual Integrations
APPROVED

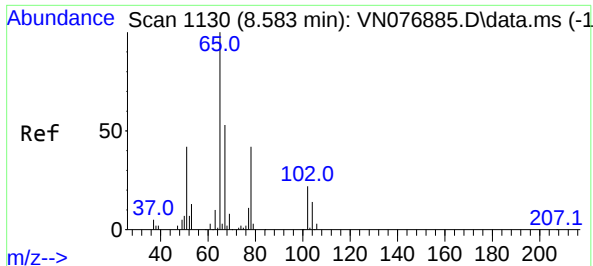
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#26
Cyclohexane
Concen: 53.761 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion: 56 Resp: 530830
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.4 65.3 97.9





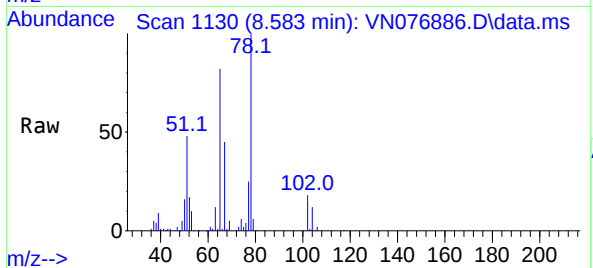
#27
1,2-Dichloroethane-d4
Concen: 30.651 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



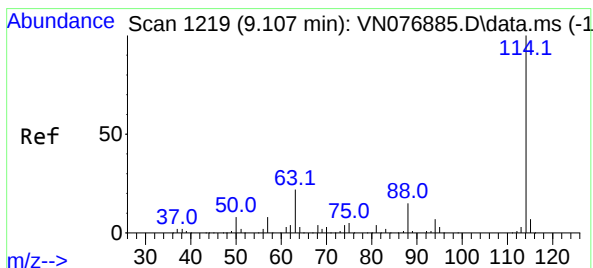
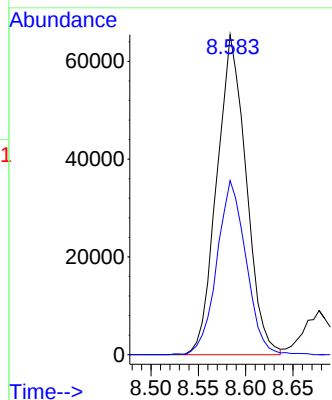
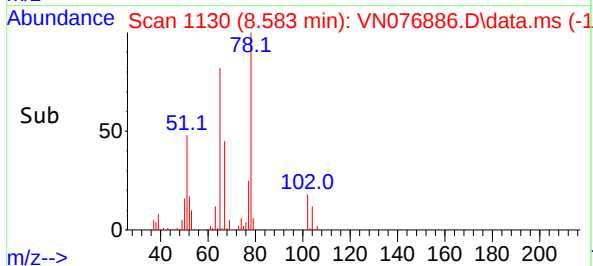
Tgt Ion: 65 Resp: 14089
Ion Ratio Lower Upper
65 100
67 54.0 40.9 61.3

Manual Integrations

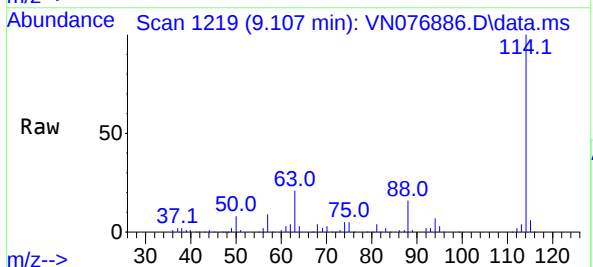
APPROVED

Reviewed By :John Carlone 03/09/2023

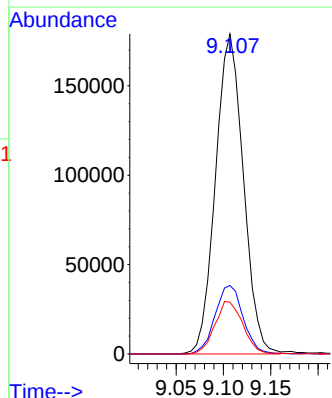
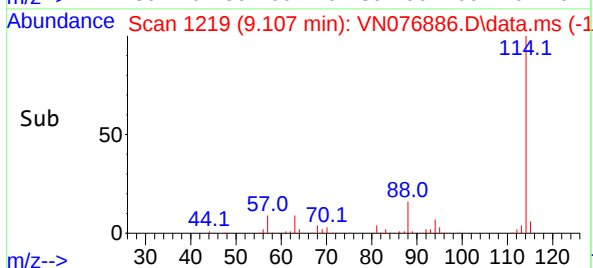
Supervised By :Mahesh Dadoda 03/09/2023

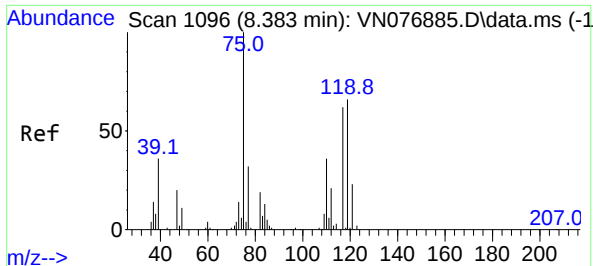


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion:114 Resp: 365793
Ion Ratio Lower Upper
114 100
63 21.6 17.0 25.4
88 16.4 11.6 17.4





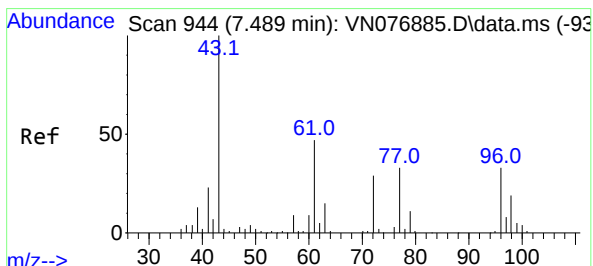
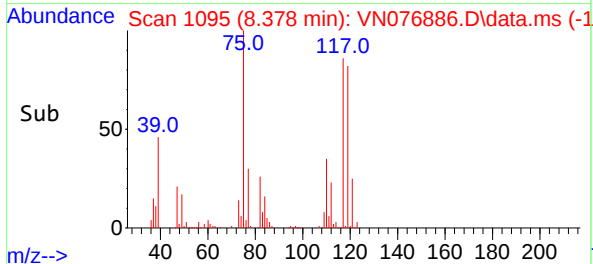
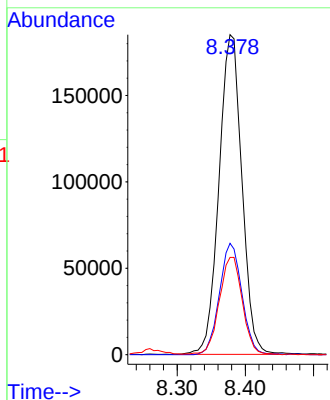
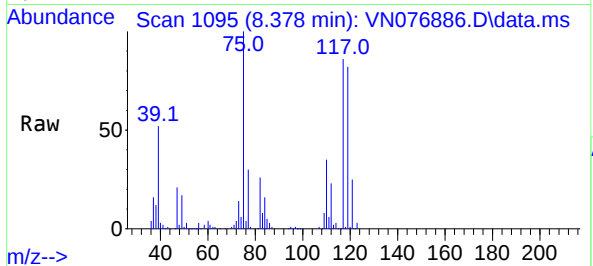
#29
1,1-Dichloropropene
Concen: 51.741 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 432258
Ion Ratio Lower Upper
75 100
110 34.2 0.0 67.2
77 30.8 0.0 64.4

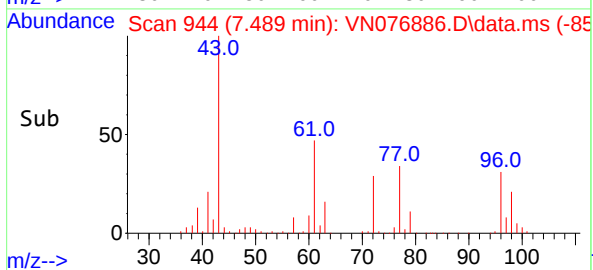
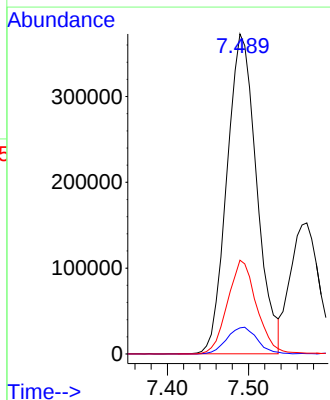
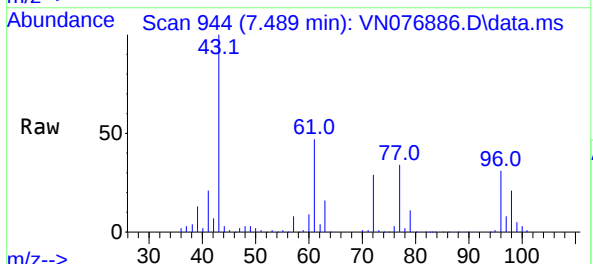
Manual Integrations
APPROVED

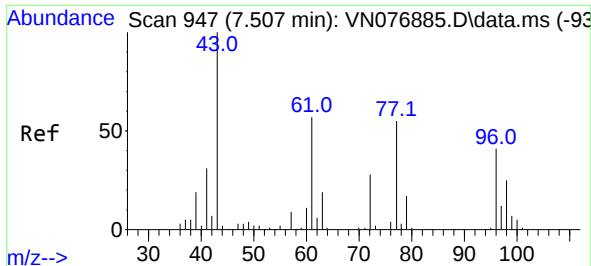
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#30
2-Butanone
Concen: 204.597 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion: 43 Resp: 950225
Ion Ratio Lower Upper
43 100
57 8.5 6.1 9.1
72 28.6 20.2 30.4





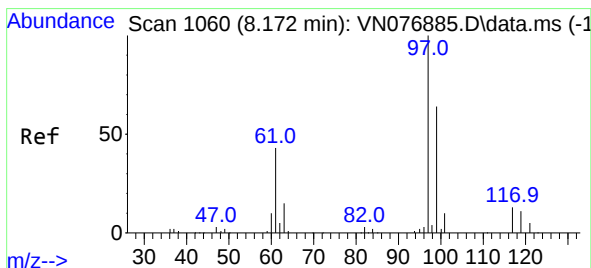
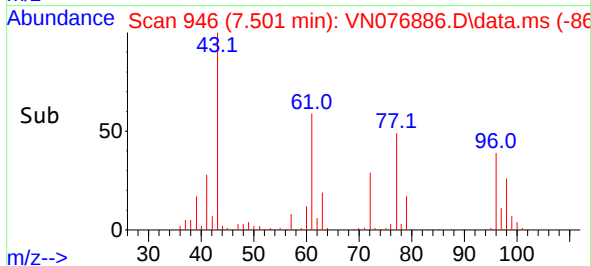
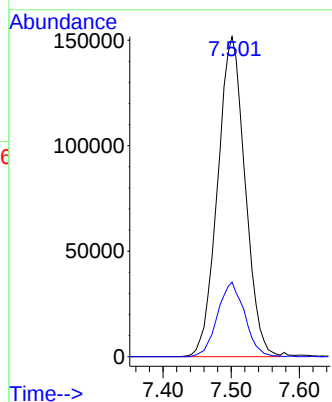
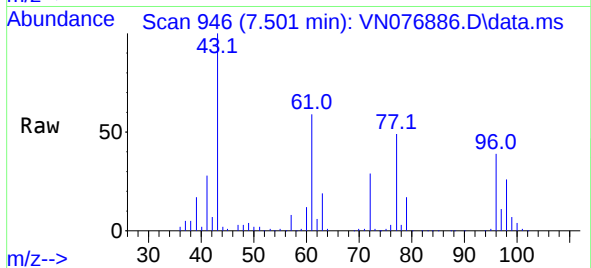
#31
2,2-Dichloropropane
Concen: 48.857 ug/l
RT: 7.501 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 42507
Ion Ratio Lower Upper
77 100
97 23.1 7.2 10.8

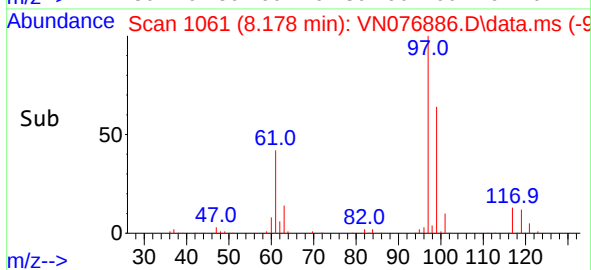
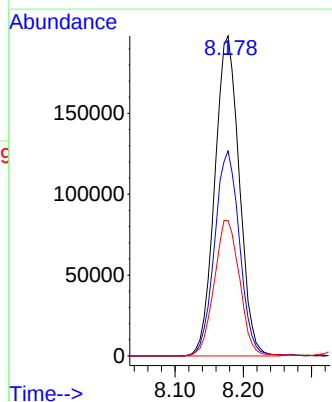
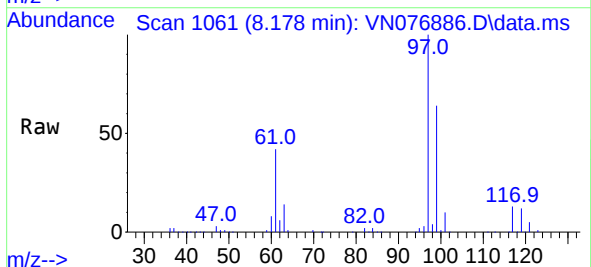
Manual Integrations
APPROVED

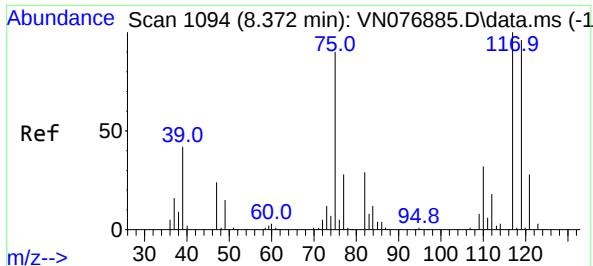
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#32
1,1,1-Trichloroethane
Concen: 50.882 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

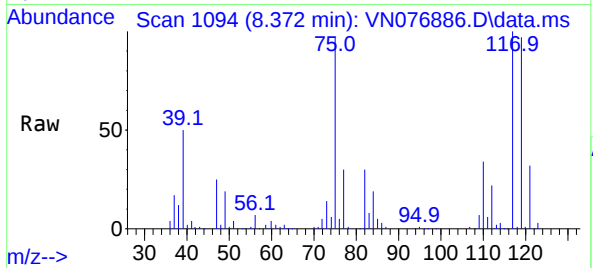
Tgt Ion: 97 Resp: 495769
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 43.8 39.3 58.9





#33
Carbon Tetrachloride
Concen: 51.582 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

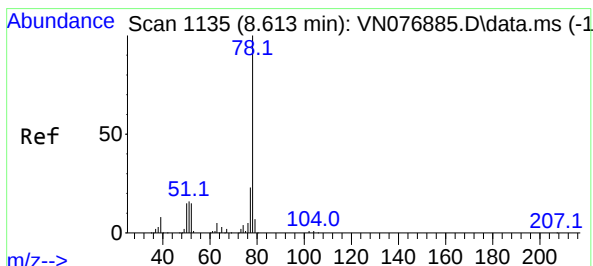
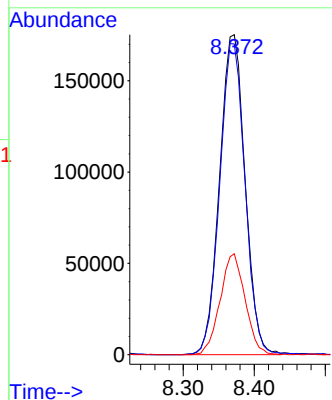
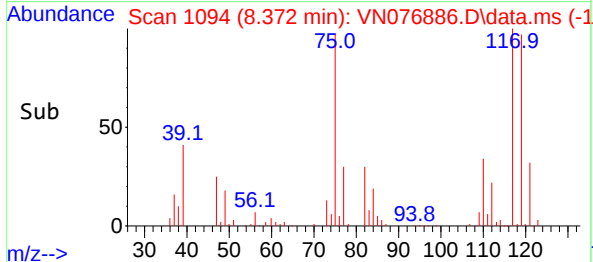
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



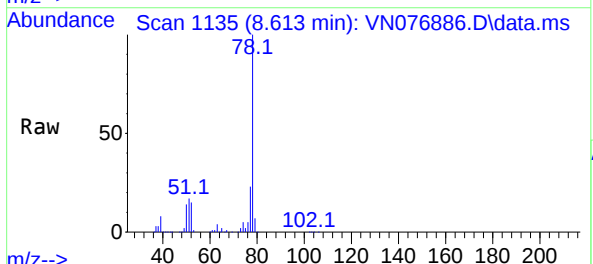
Tgt Ion: 117 Resp: 43681
Ion Ratio Lower Upper
117 100
119 97.1 79.8 119.8
121 31.5 23.4 35.0

Manual Integrations
APPROVED

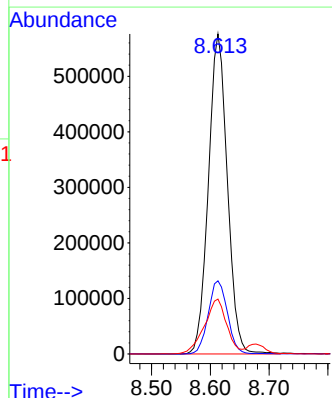
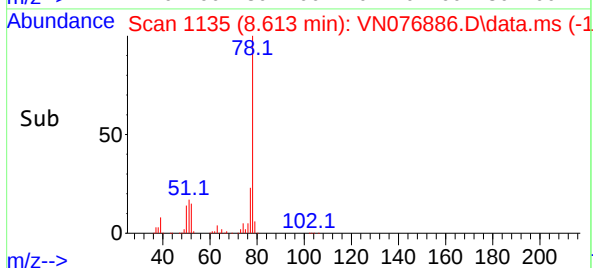
Reviewed By : John Carlone 03/09/2023
Supervised By : Mahesh Dadoda 03/09/2023

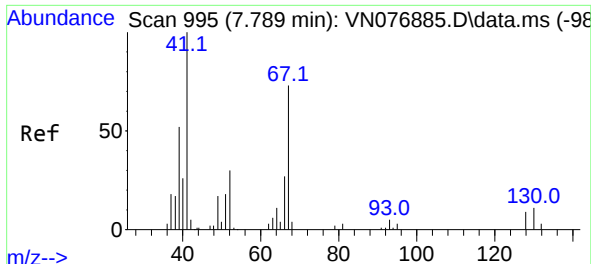


#34
Benzene
Concen: 48.568 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion: 78 Resp: 1290637
Ion Ratio Lower Upper
78 100
77 22.9 17.4 26.2
51 17.1 13.8 20.6





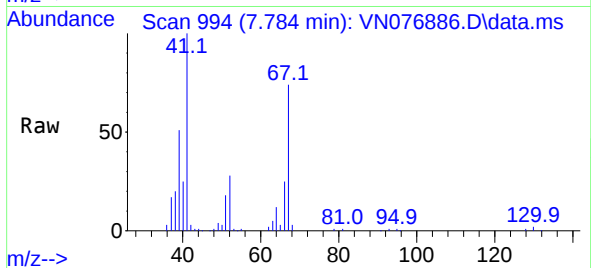
#35
Methacrylonitrile
Concen: 43.915 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

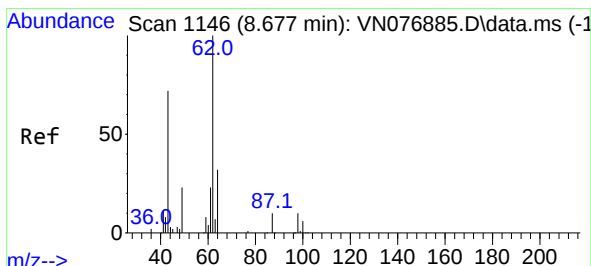
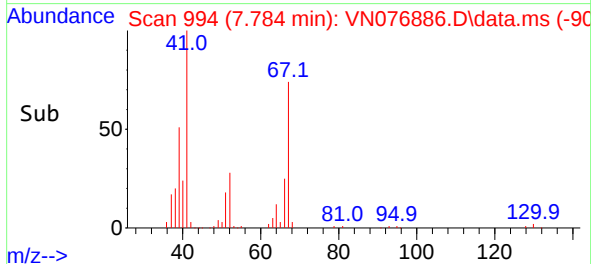
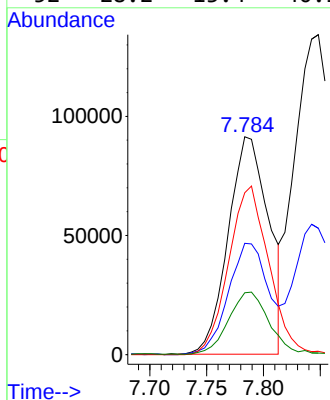


Tgt Ion: 41 Resp: 226360
Ion Ratio Lower Upper
41 100
39 51.2 26.6 79.7
67 74.4 32.3 96.9
52 28.2 13.4 40.1

Manual Integrations

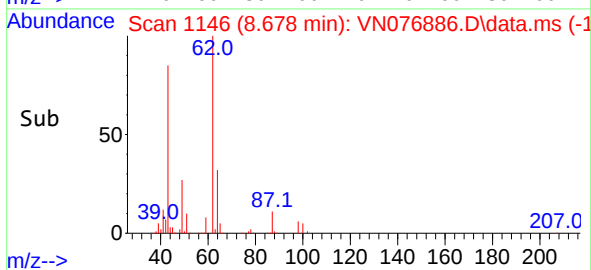
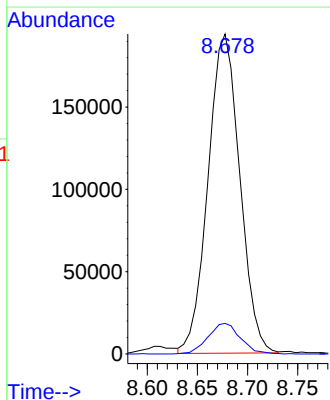
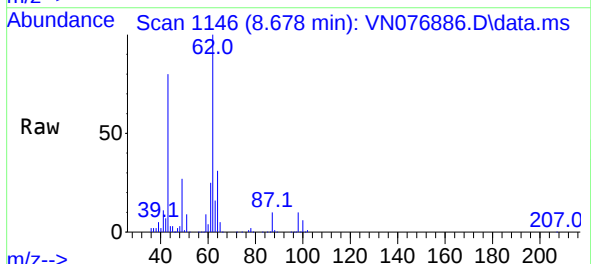
APPROVED

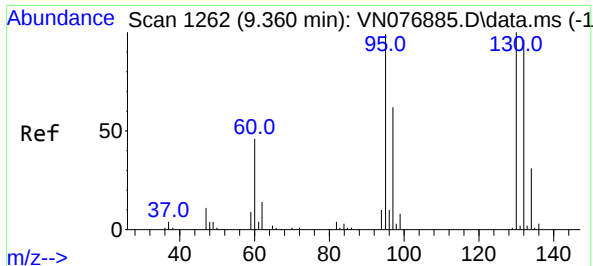
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#36
1,2-Dichloroethane
Concen: 48.075 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

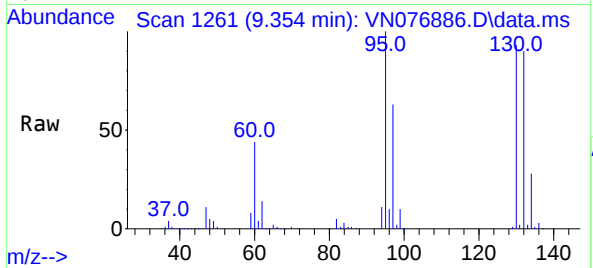
Tgt Ion: 62 Resp: 427810
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0





#37
Trichloroethene
Concen: 51.729 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

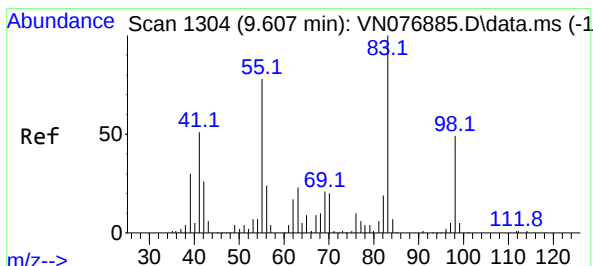
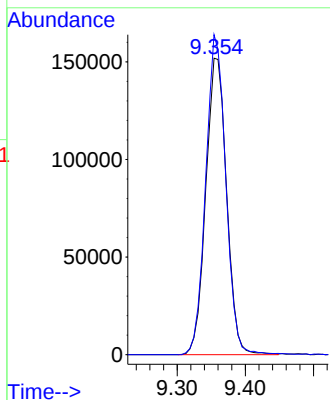
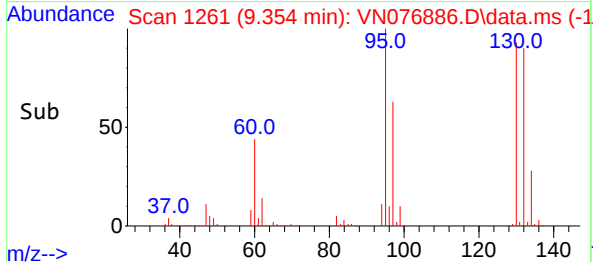
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



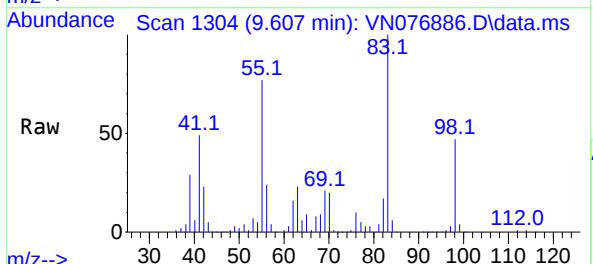
Tgt Ion:130 Resp: 322960
Ion Ratio Lower Upper
130 100
95 107.9 78.7 118.1

Manual Integrations
APPROVED

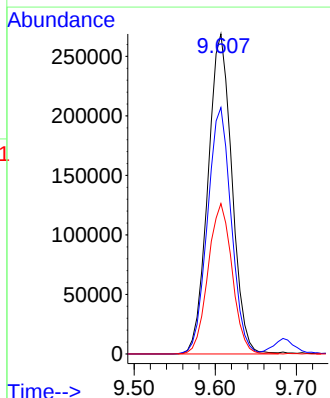
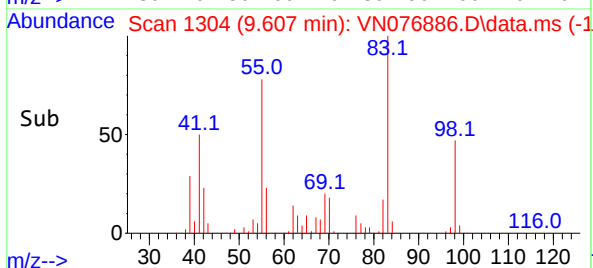
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

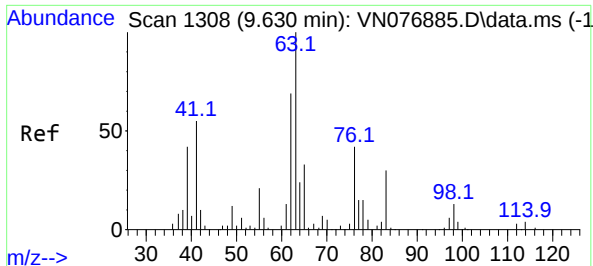


#38
Methylcyclohexane
Concen: 52.051 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



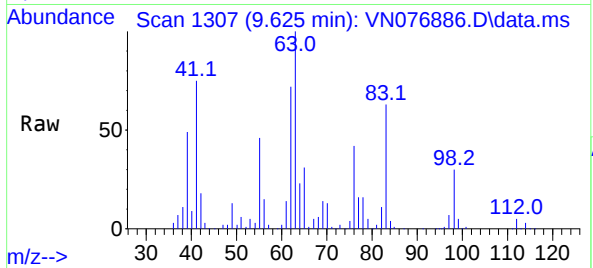
Tgt Ion: 83 Resp: 551406
Ion Ratio Lower Upper
83 100
55 76.4 37.6 112.9
98 47.1 24.1 72.4





#39
1,2-Dichloropropane
Concen: 47.886 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

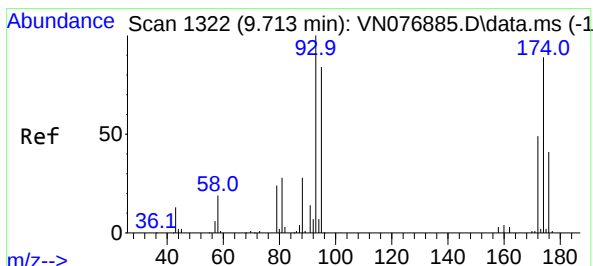
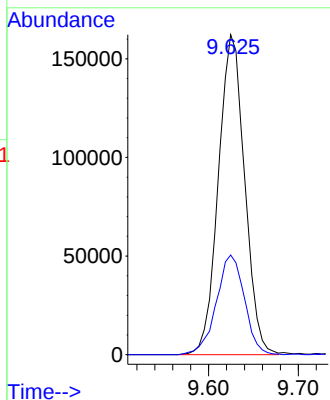
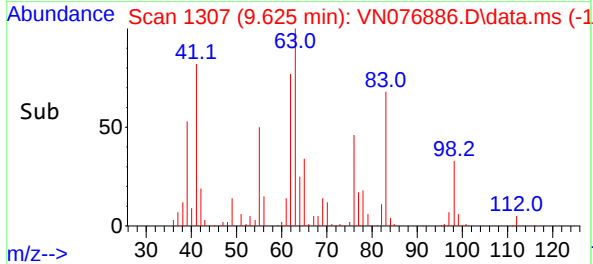
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



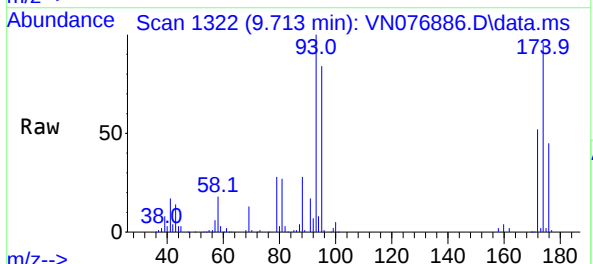
Tgt Ion: 63 Resp: 329639
Ion Ratio Lower Upper
63 100
65 31.2 27.2 40.8

Manual Integrations
APPROVED

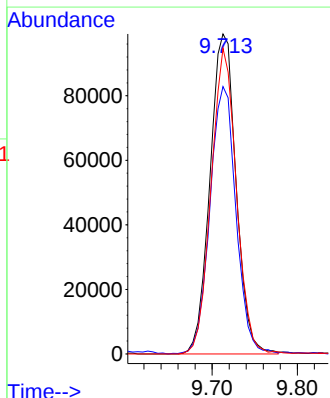
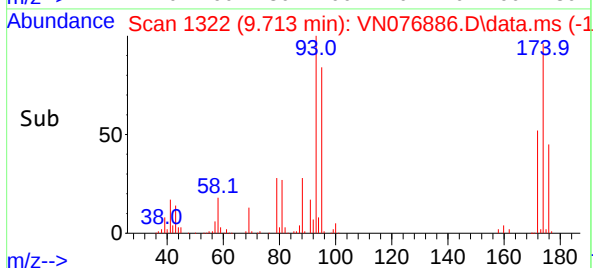
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

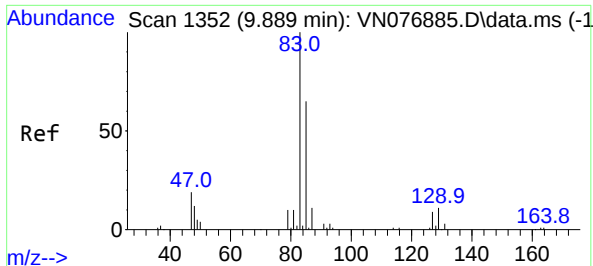


#40
Dibromomethane
Concen: 48.146 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



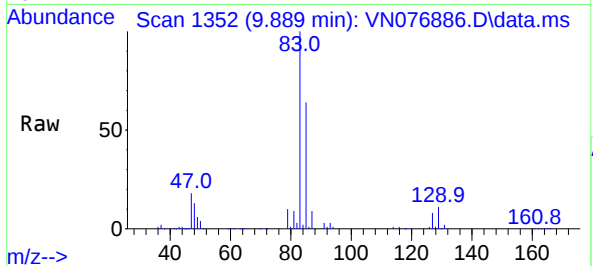
Tgt Ion: 93 Resp: 211184
Ion Ratio Lower Upper
93 100
95 83.2 0.0 158.0
174 92.0 0.0 171.2





#41
Bromodichloromethane
Concen: 49.561 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

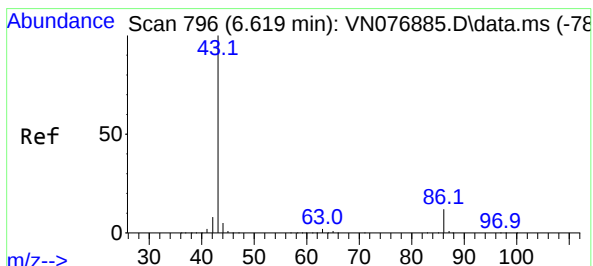
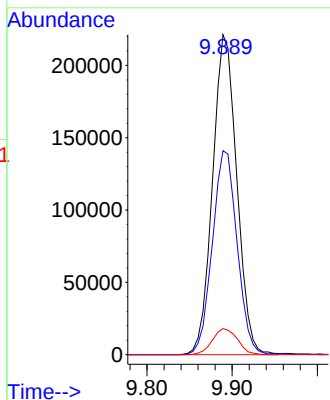
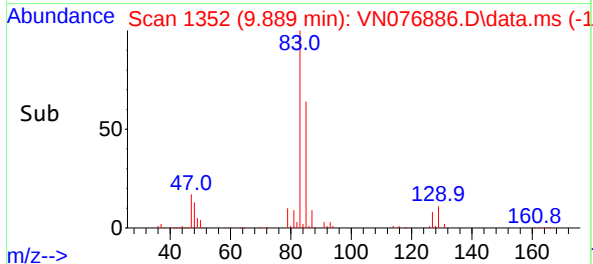
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



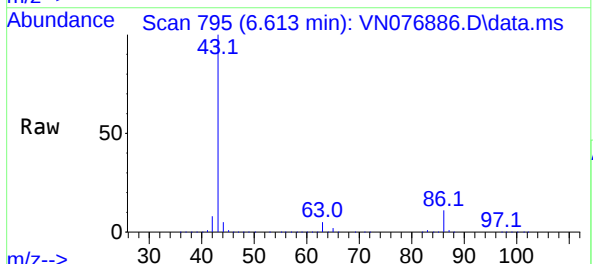
Tgt Ion: 83 Resp: 437518
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.4
127 8.2 6.2 9.2

Manual Integrations
APPROVED

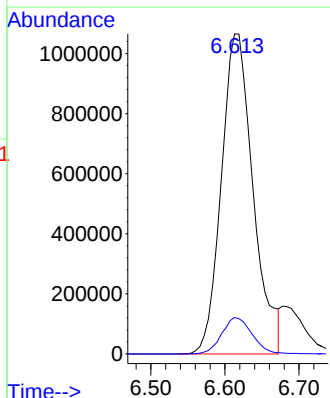
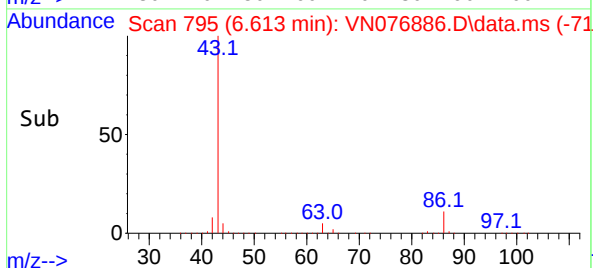
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

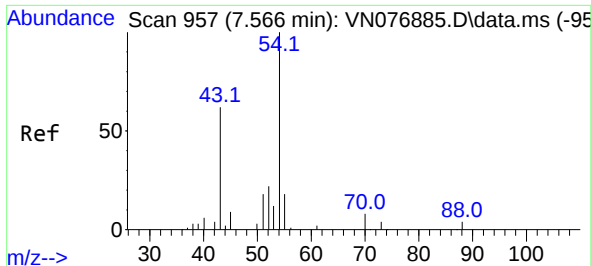


#42
Vinyl Acetate
Concen: 231.471 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion: 43 Resp: 3178138
Ion Ratio Lower Upper
43 100
86 10.8 7.8 11.6





#43
Ethyl Acetate
Concen: 42.559 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :

MSVOA_N

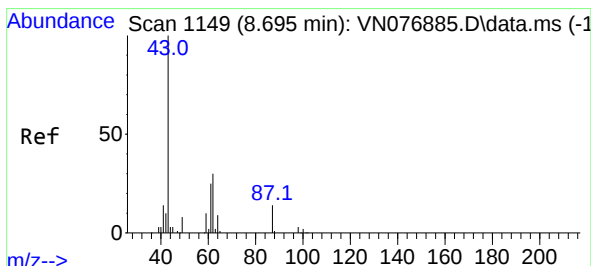
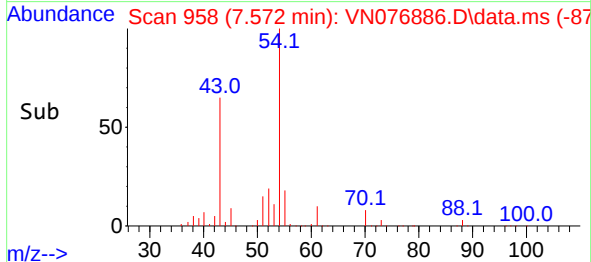
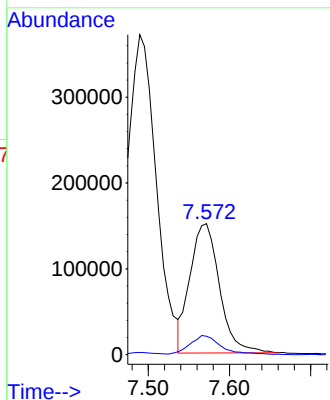
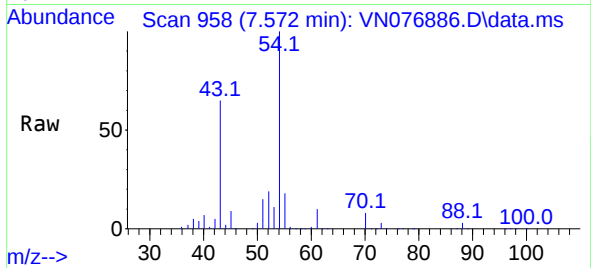
ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 38102
Ion Ratio Lower Upper
43 100
45 15.6 11.2 16.8

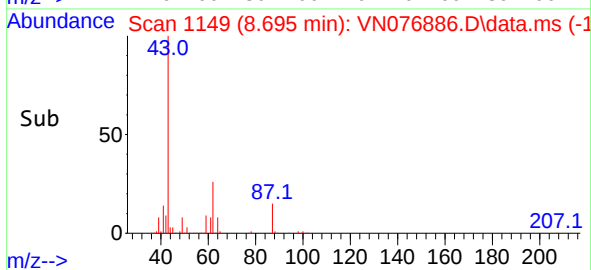
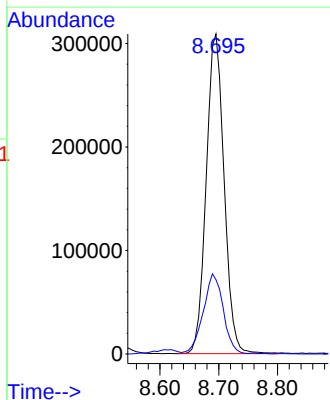
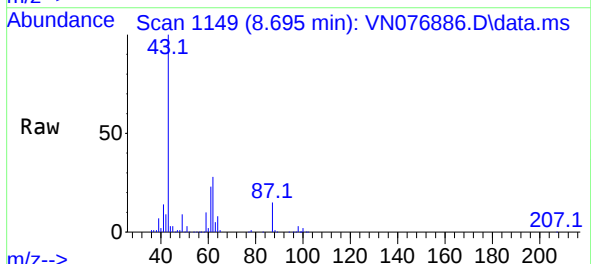
Manual Integrations
APPROVED

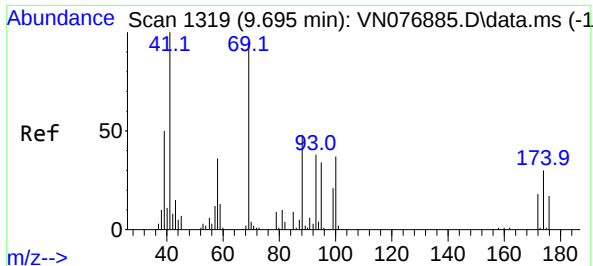
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#44
Isopropyl Acetate
Concen: 44.092 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

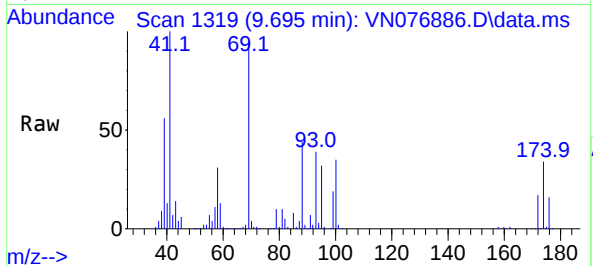
Tgt Ion: 43 Resp: 653442
Ion Ratio Lower Upper
43 100
61 28.0 19.5 29.3





#45
1,4-Dioxane
Concen: 834.961 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

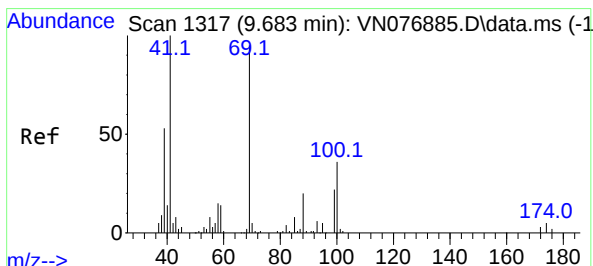
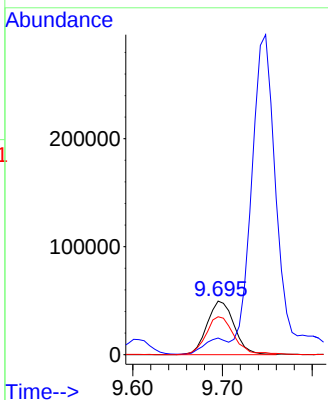
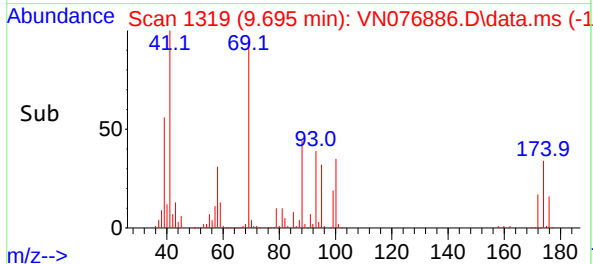
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



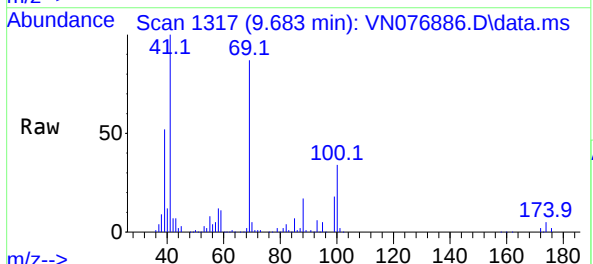
Tgt Ion: 88 Resp: 103950
Ion Ratio Lower Upper
88 100
43 25.8 26.0 39.0
58 71.5 54.3 81.5

Manual Integrations
APPROVED

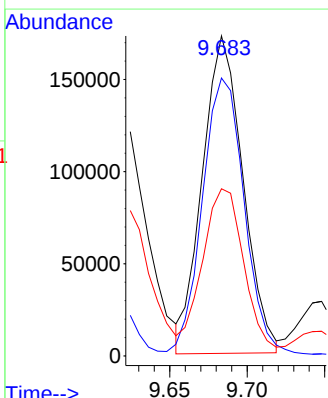
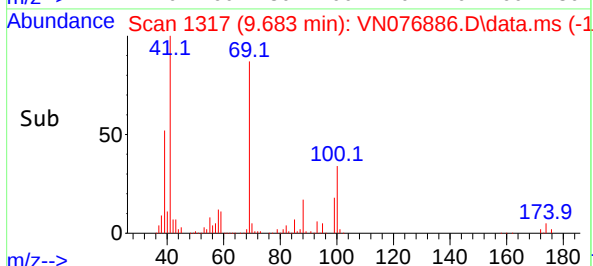
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

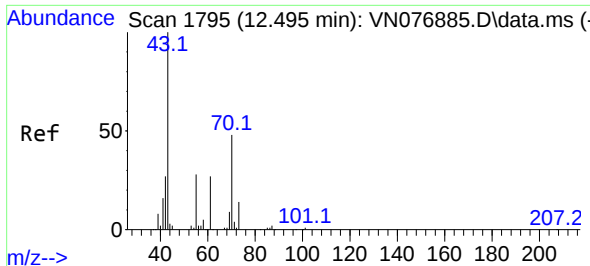


#46
Methyl methacrylate
Concen: 45.898 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



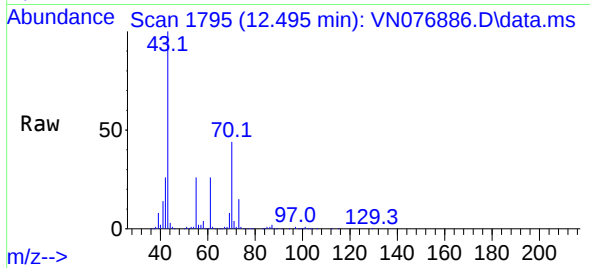
Tgt Ion: 41 Resp: 313573
Ion Ratio Lower Upper
41 100
69 87.5 40.6 121.7
39 51.9 30.5 91.5





#47
n-amyl acetate
Concen: 43.233 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

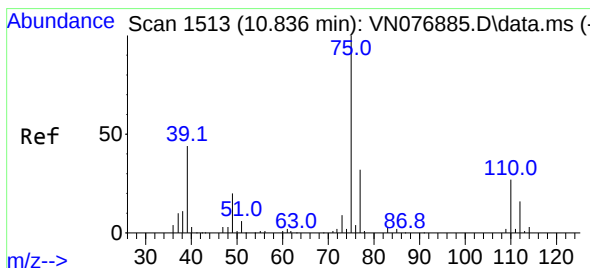
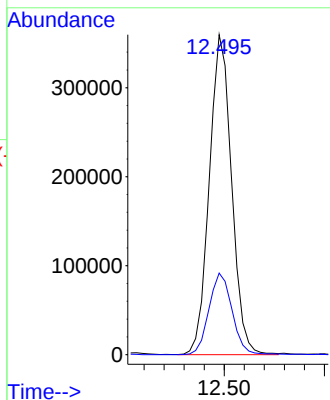
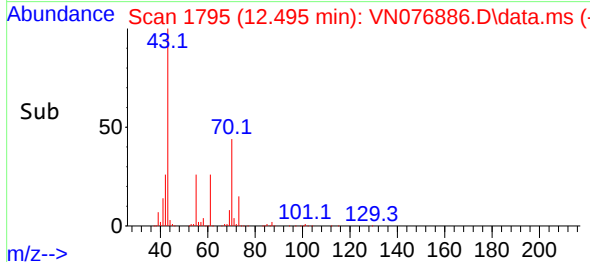
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



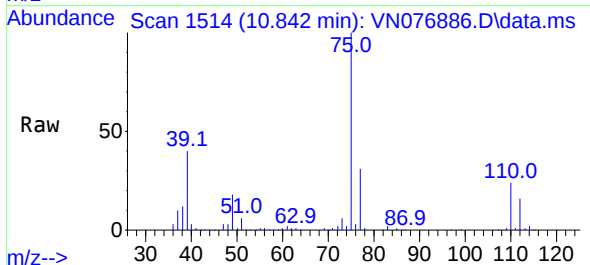
Tgt Ion: 43 Resp: 554209
Ion Ratio Lower Upper
43 100
55 26.5 18.3 27.5

Manual Integrations
APPROVED

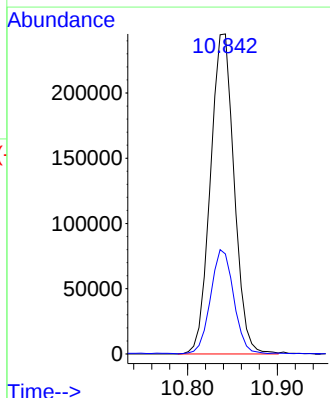
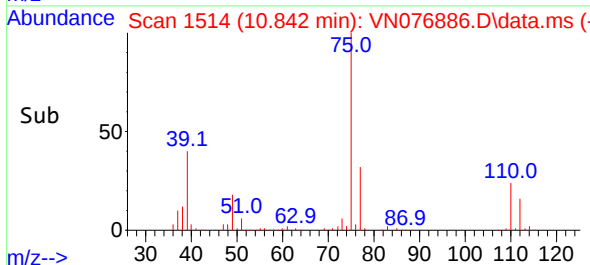
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

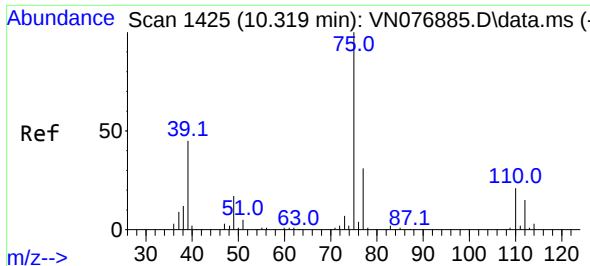


#48
t-1,3-Dichloropropene
Concen: 50.608 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion: 75 Resp: 450894
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2





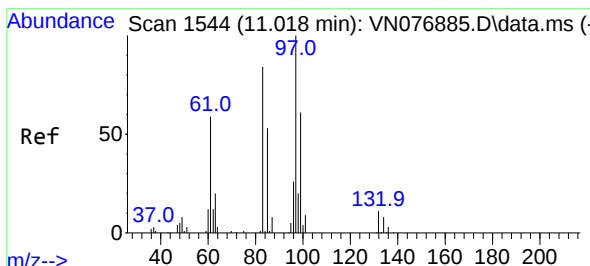
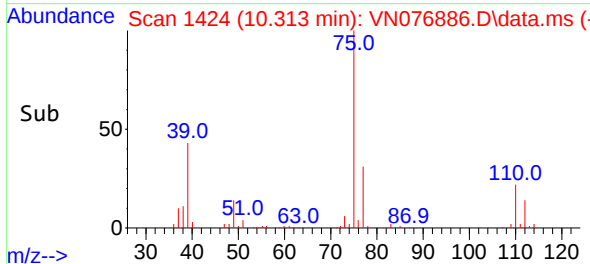
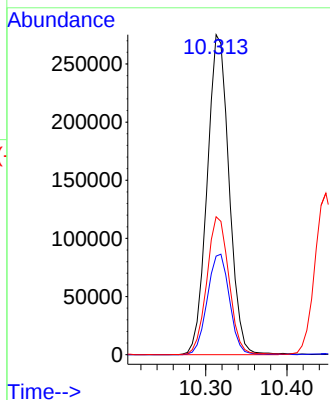
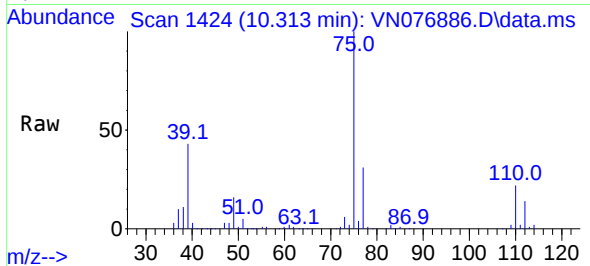
#49
cis-1,3-Dichloropropene
Concen: 50.470 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 51585
Ion Ratio Lower Upper
75 100
77 30.8 27.5 41.3
39 43.0 43.5 65.3

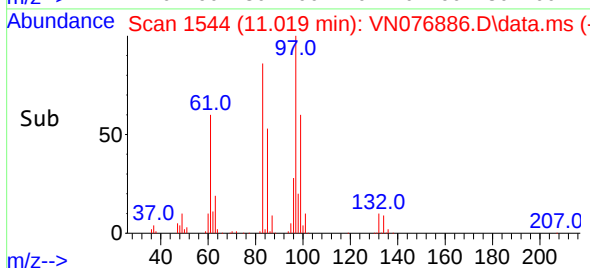
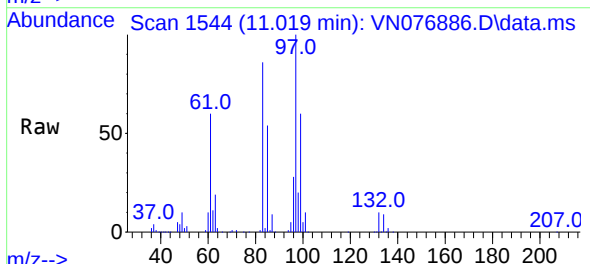
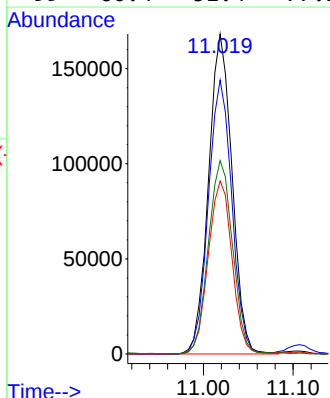
Manual Integrations
APPROVED

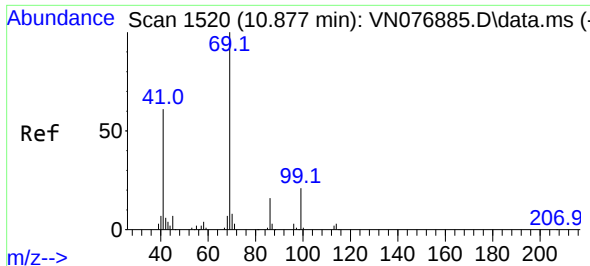
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#50
1,1,2-Trichloroethane
Concen: 48.030 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion: 97 Resp: 306453
Ion Ratio Lower Upper
97 100
83 85.6 71.0 106.4
85 53.9 45.5 68.3
99 60.4 51.4 77.2





#51
Ethyl methacrylate
Concen: 52.583 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

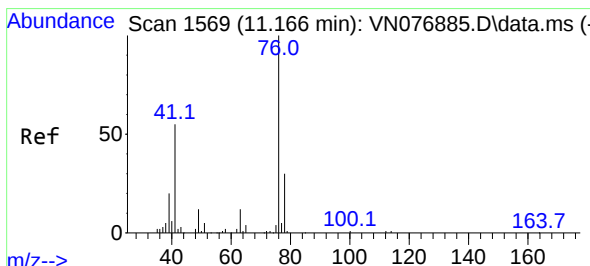
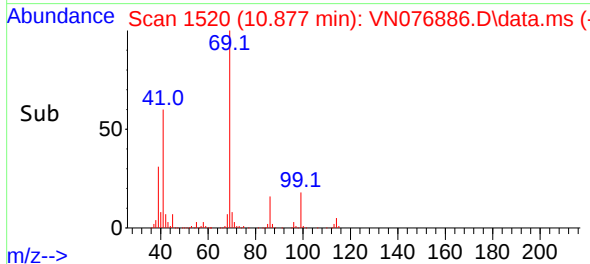
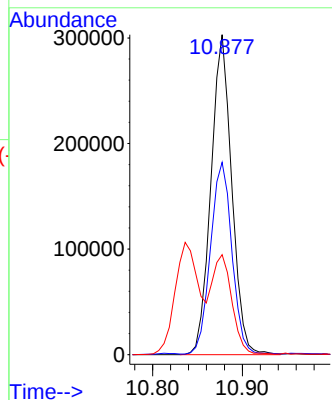
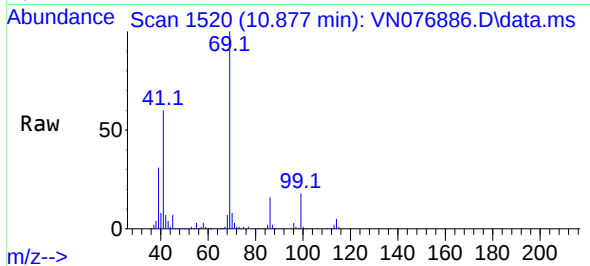
VSTDICC050

Tgt Ion: 69 Resp: 487720
Ion Ratio Lower Upper
69 100
41 59.9 36.3 108.7
39 31.1 19.9 59.7

Manual Integrations

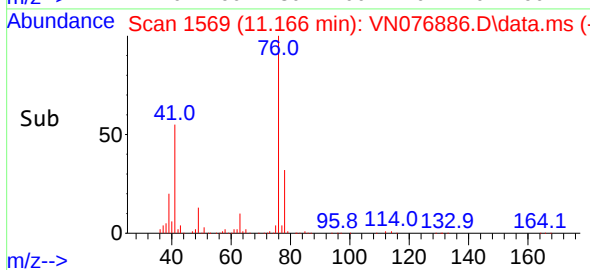
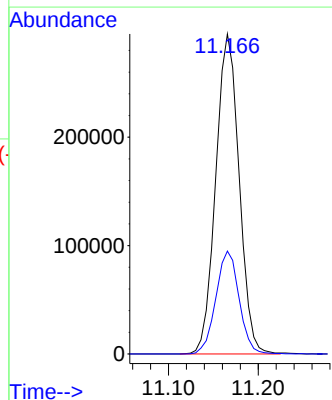
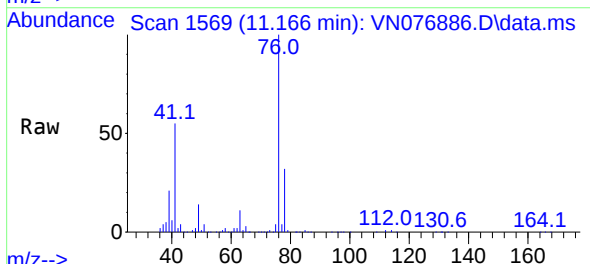
APPROVED

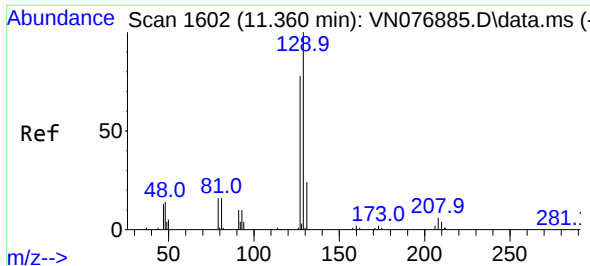
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#52
1,3-Dichloropropane
Concen: 48.677 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion: 76 Resp: 534097
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





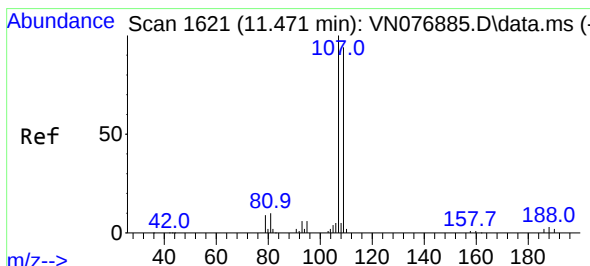
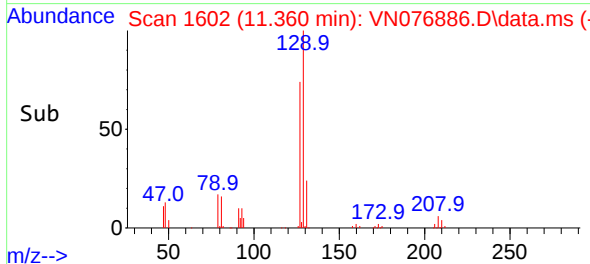
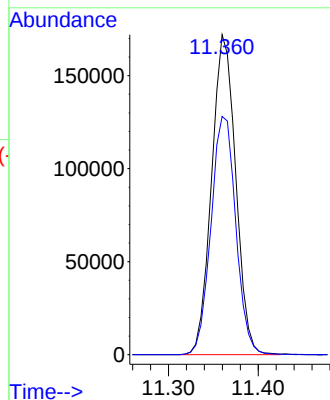
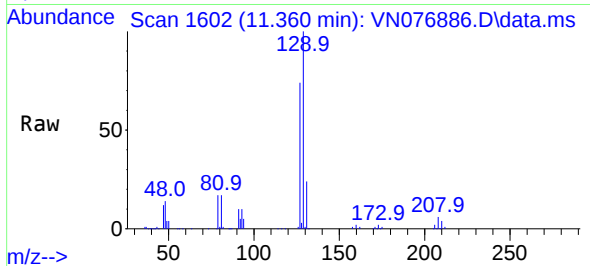
#53
Dibromochloromethane
Concen: 49.349 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 320812
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.1

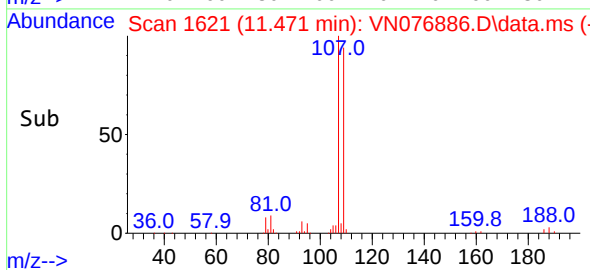
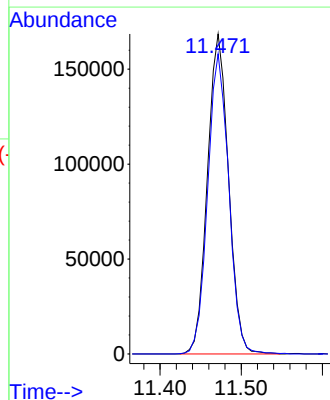
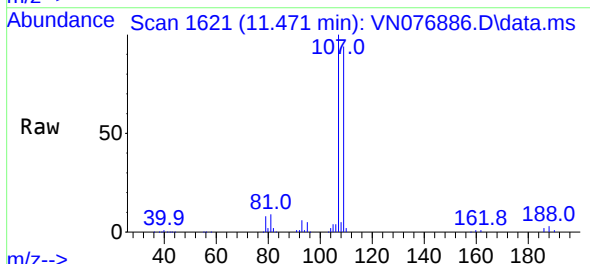
Manual Integrations
APPROVED

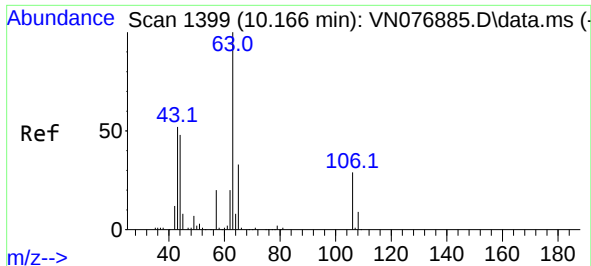
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#54
1,2-Dibromoethane
Concen: 49.321 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

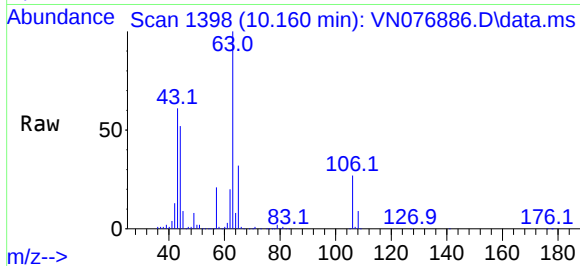
Tgt Ion:107 Resp: 304500
Ion Ratio Lower Upper
107 100
109 93.6 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 220.872 ug/l
RT: 10.160 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

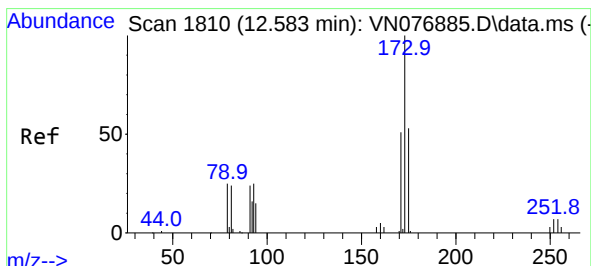
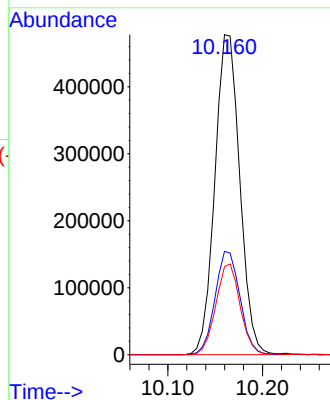
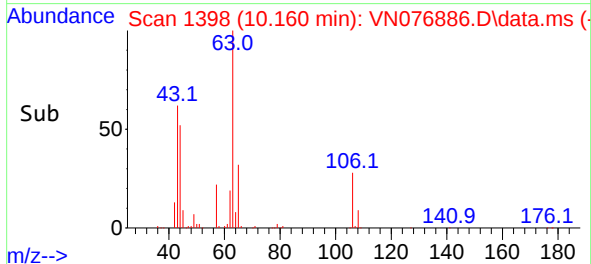
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 874444
Ion Ratio Lower Upper
63 100
65 32.3 26.3 39.5
106 27.8 21.6 32.4

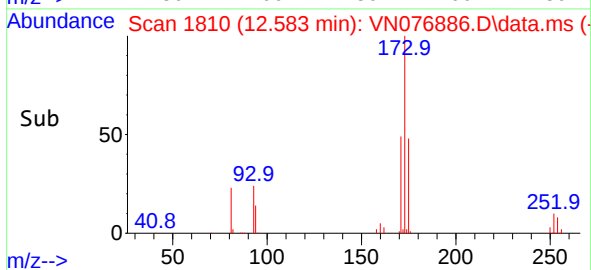
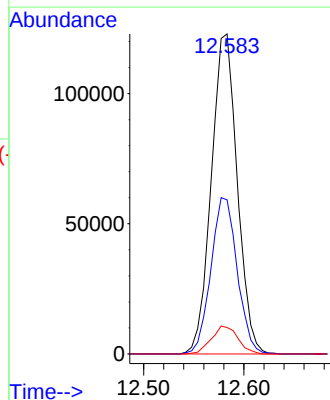
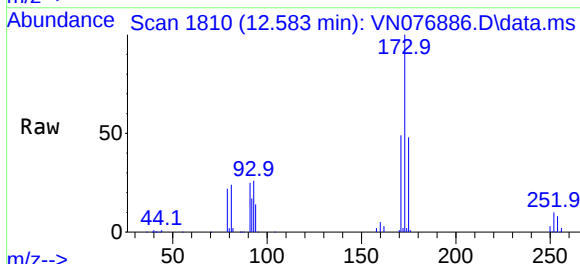
Manual Integrations
APPROVED

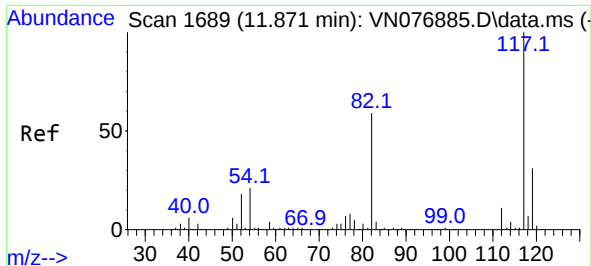
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#56
Bromoform
Concen: 49.775 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

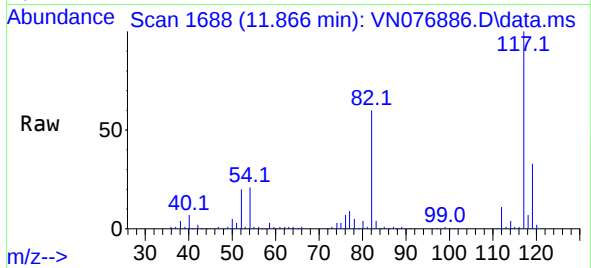
Tgt Ion:173 Resp: 220964
Ion Ratio Lower Upper
173 100
175 49.4 37.8 56.6
254 8.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

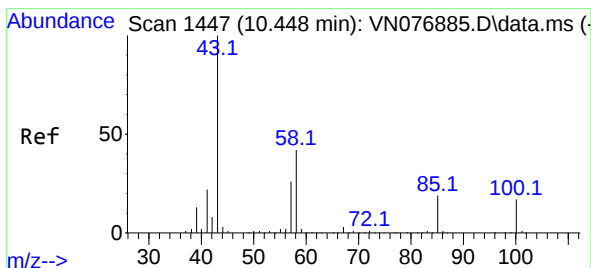
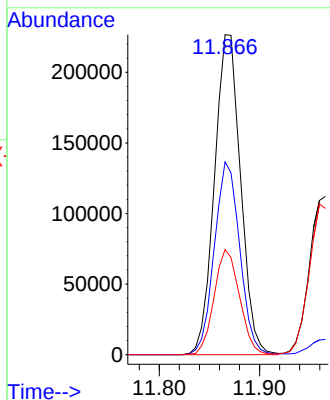
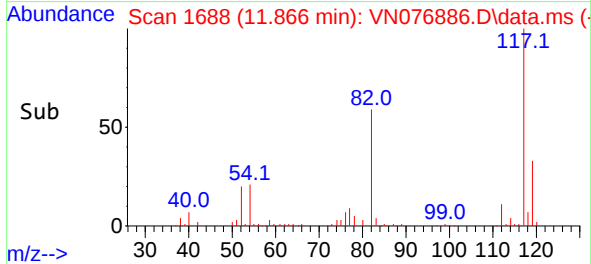
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



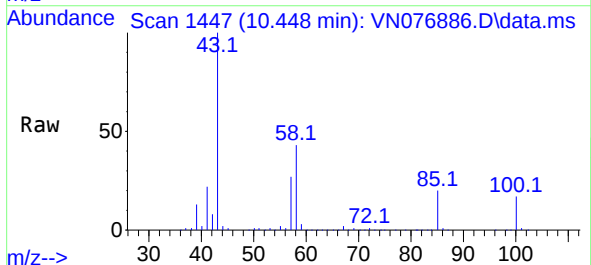
Tgt Ion:117 Resp: 41029
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.0
119 31.9 26.8 40.2

Manual Integrations
APPROVED

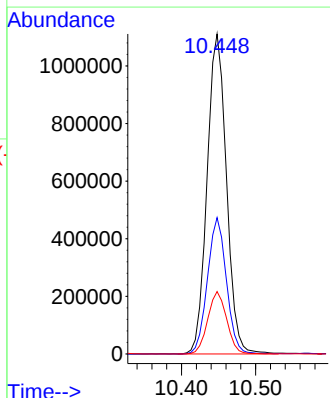
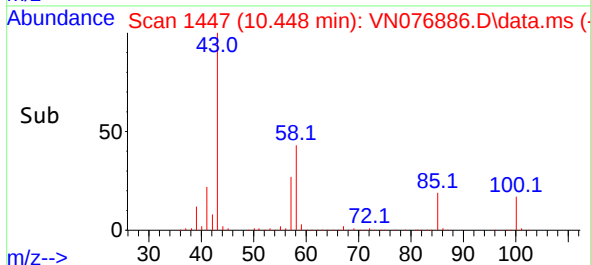
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

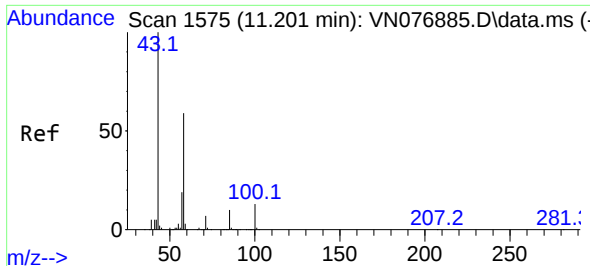


#58
4-Methyl-2-Pentanone
Concen: 213.292 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



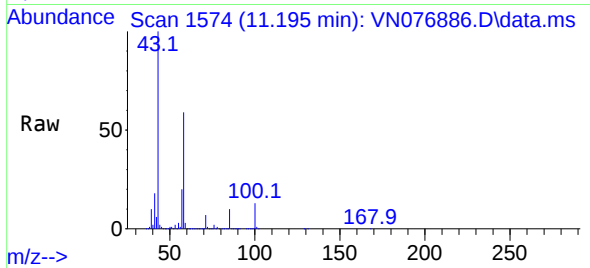
Tgt Ion: 43 Resp: 2016775
Ion Ratio Lower Upper
43 100
58 41.7 28.6 42.8
85 19.1 11.8 17.8#





#59
2-Hexanone
Concen: 206.132 ug/l
RT: 11.195 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

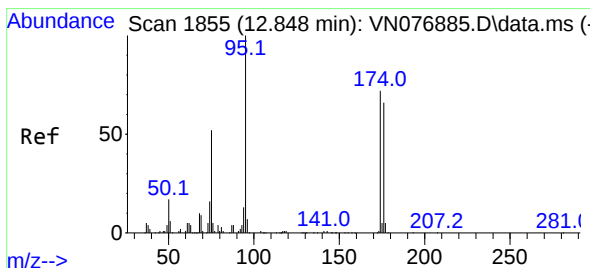
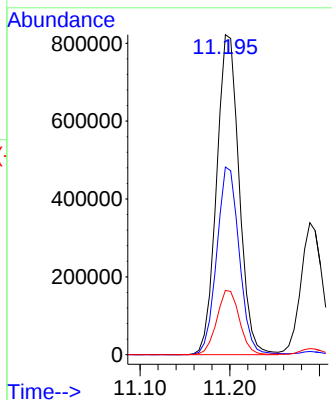
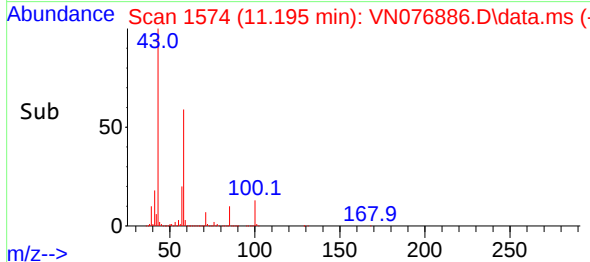
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



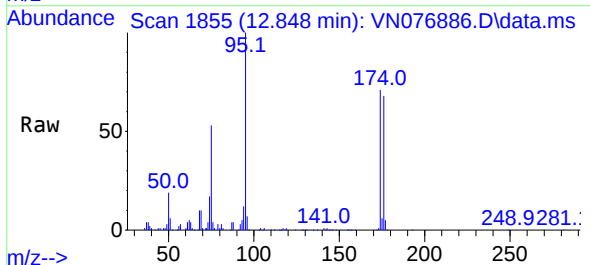
Tgt Ion: 43 Resp: 143620
Ion Ratio Lower Upper
43 100
58 58.4 40.6 60.8
57 20.0 13.1 19.7

Manual Integrations
APPROVED

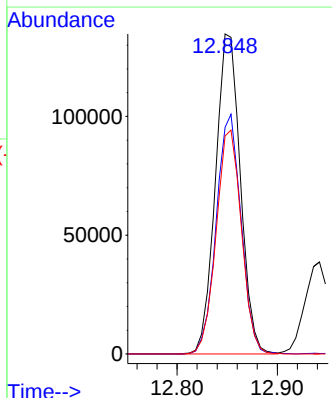
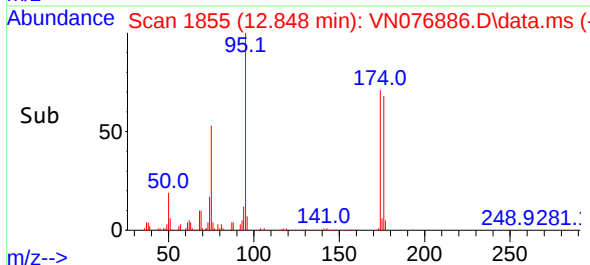
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

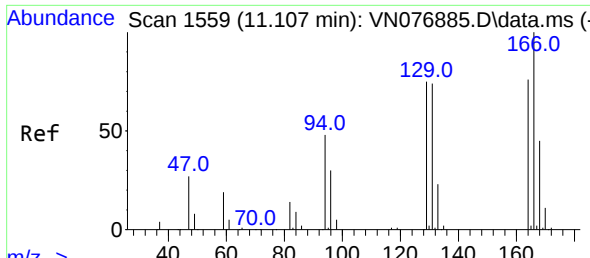


#60
4-Bromofluorobenzene
Concen: 31.776 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



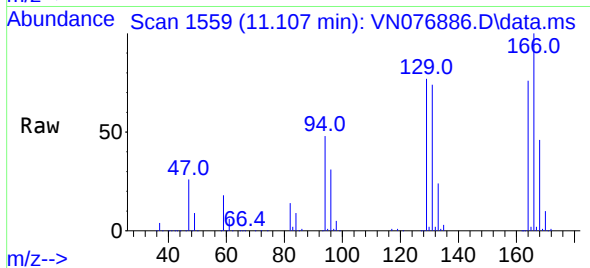
Tgt Ion: 95 Resp: 232786
Ion Ratio Lower Upper
95 100
174 74.5 64.2 96.4
176 70.9 61.4 92.0





#61
Tetrachloroethene
Concen: 59.096 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

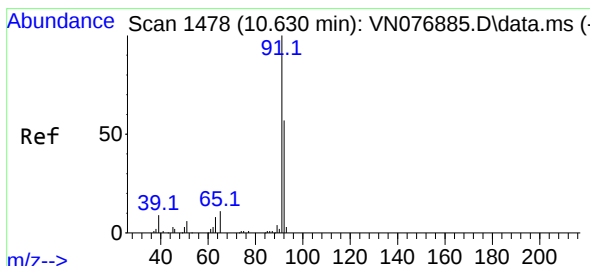
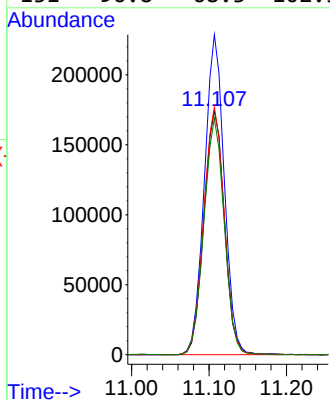
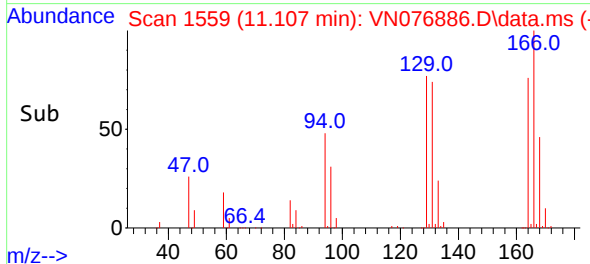
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



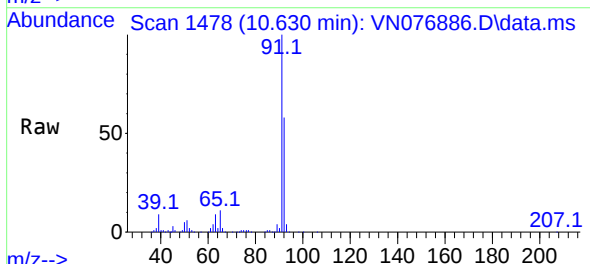
Tgt Ion:164 Resp: 321265
Ion Ratio Lower Upper
164 100
166 131.1 96.2 144.2
129 101.4 78.2 117.4
131 96.8 68.3 102.5

Manual Integrations
APPROVED

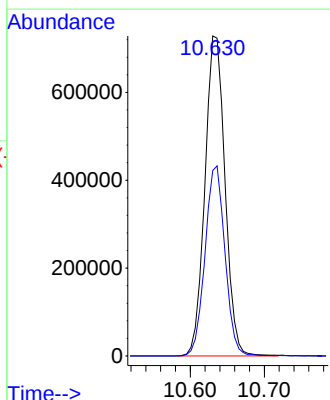
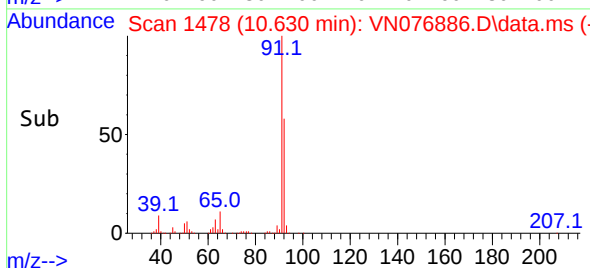
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

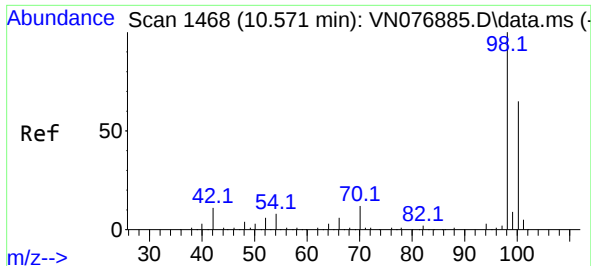


#62
Toluene
Concen: 48.032 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion: 91 Resp: 1372651
Ion Ratio Lower Upper
91 100
92 58.7 46.3 69.5





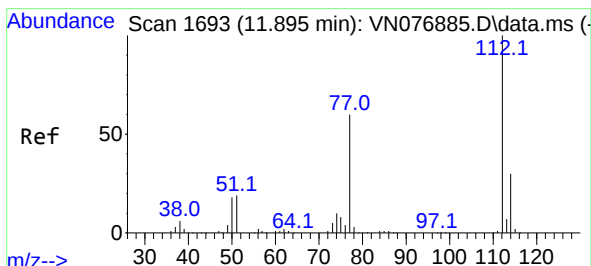
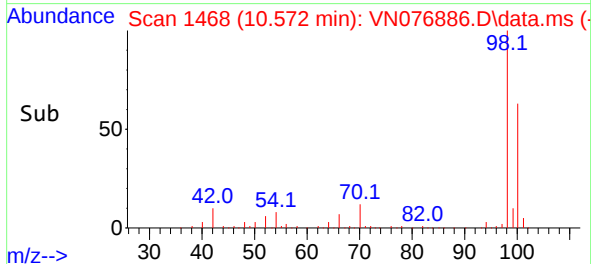
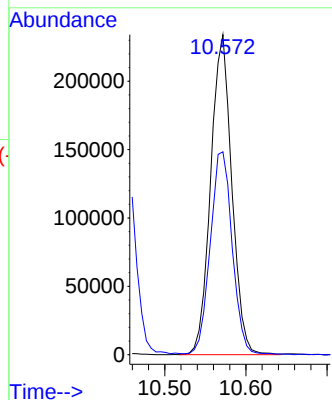
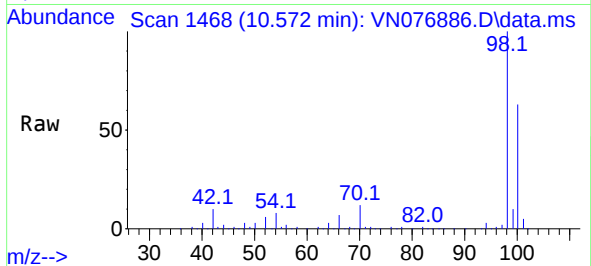
#63
Toluene-d8
Concen: 29.424 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 98 Resp: 423038
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6

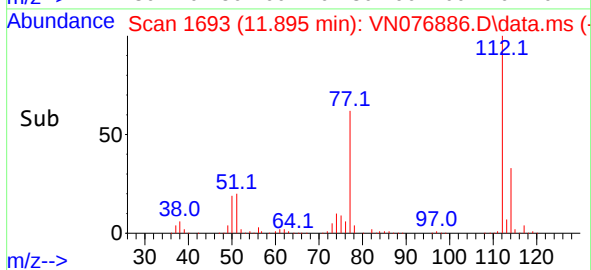
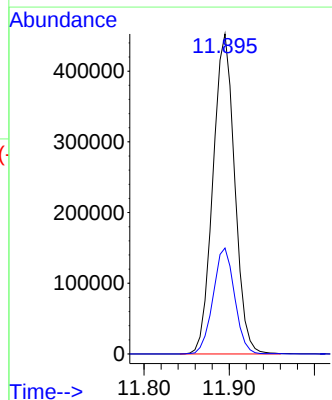
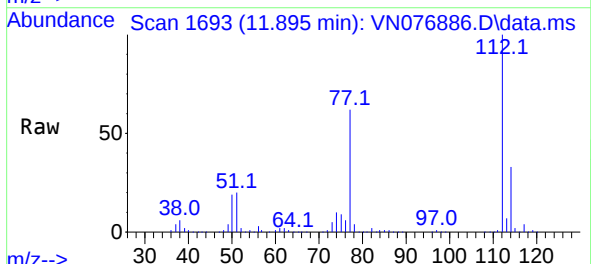
Manual Integrations
APPROVED

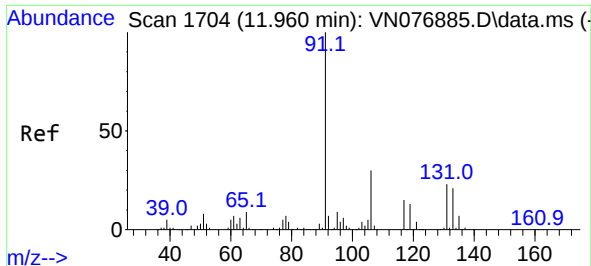
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#64
Chlorobenzene
Concen: 47.636 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion:112 Resp: 802627
Ion Ratio Lower Upper
112 100
114 33.1 24.5 36.7





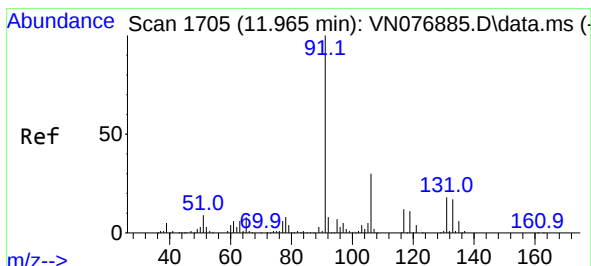
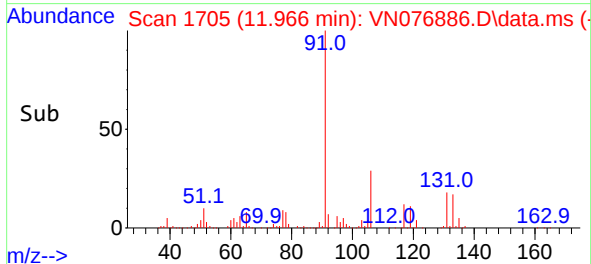
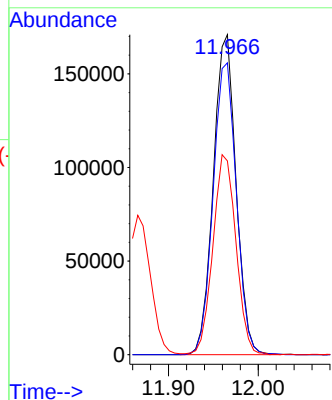
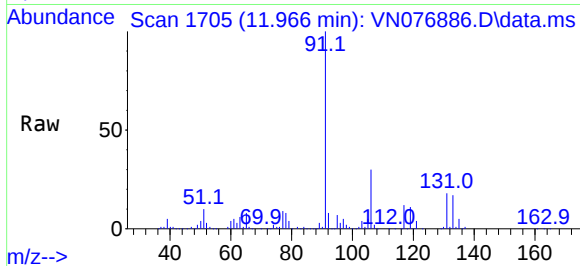
#65
1,1,1,2-Tetrachloroethane
Concen: 48.270 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 300182
Ion Ratio Lower Upper
131 100
133 93.6 0.0 197.6
119 63.7 0.0 127.8

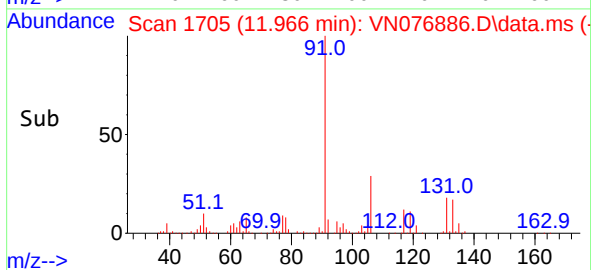
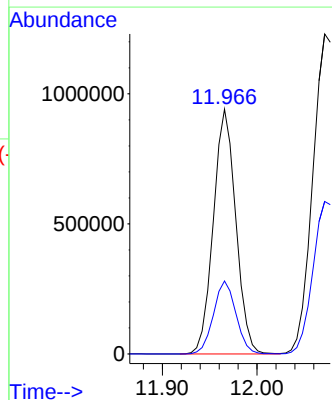
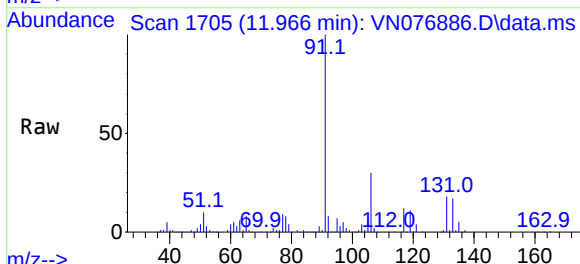
Manual Integrations
APPROVED

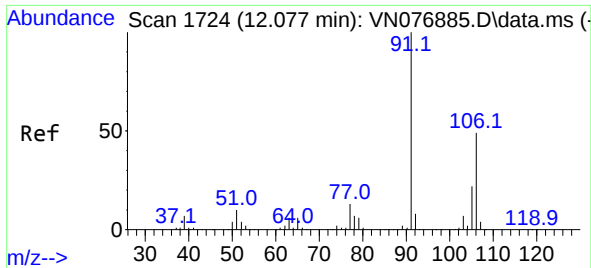
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#66
Ethyl Benzene
Concen: 50.949 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion: 91 Resp: 1552849
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8





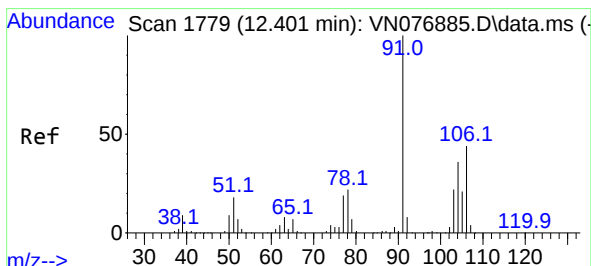
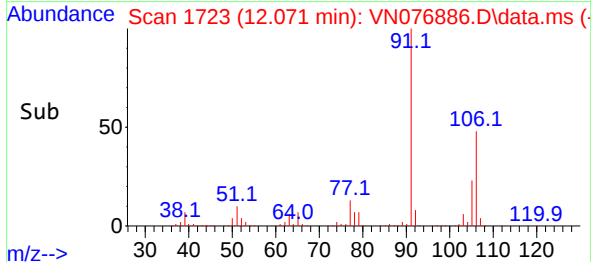
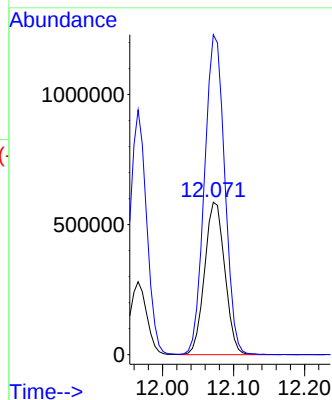
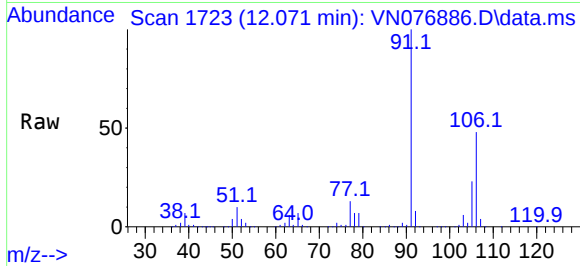
#67
m/p-Xylenes
Concen: 98.450 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 115984
Ion Ratio Lower Upper
106 100
91 210.2 157.4 236.2

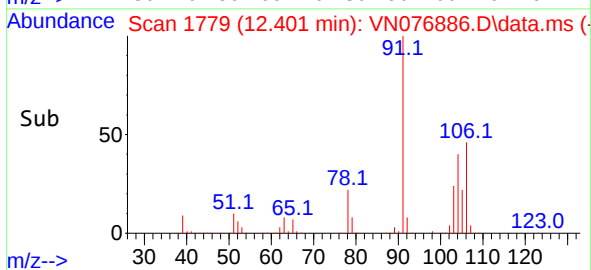
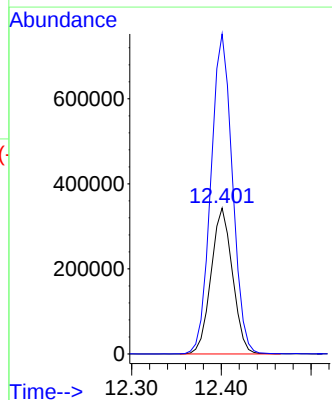
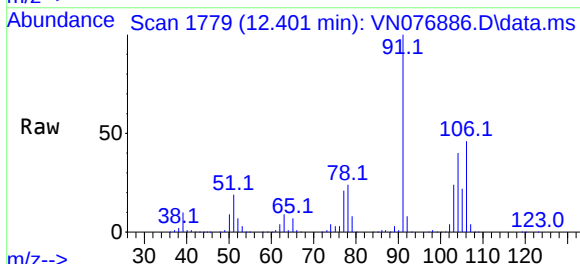
Manual Integrations
APPROVED

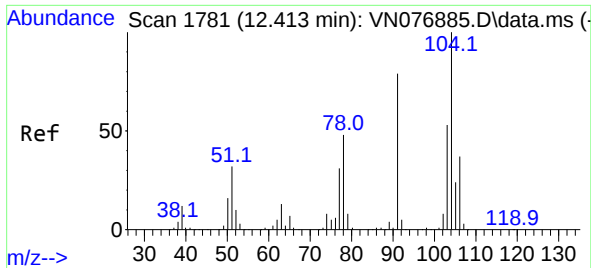
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#68
o-Xylene
Concen: 49.029 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

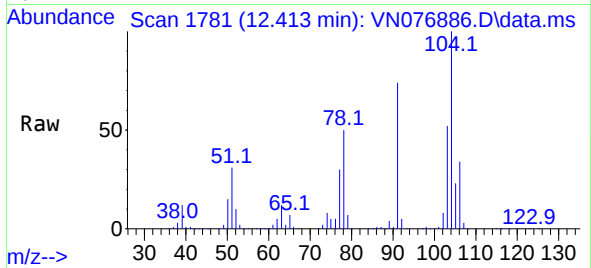
Tgt Ion:106 Resp: 568363
Ion Ratio Lower Upper
106 100
91 220.5 107.2 321.6





#69
Styrene
Concen: 50.765 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

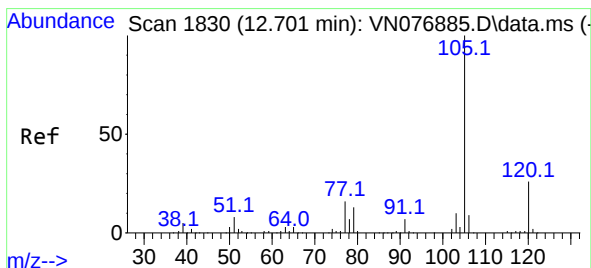
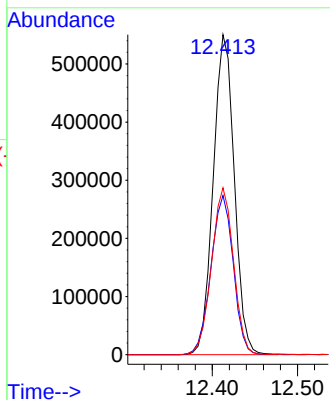
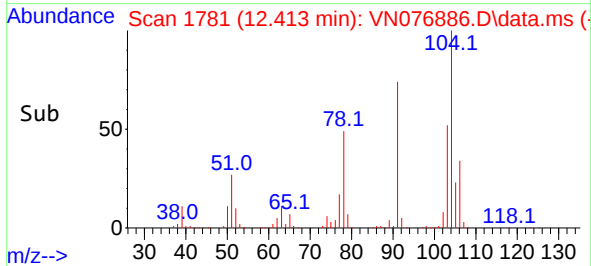
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



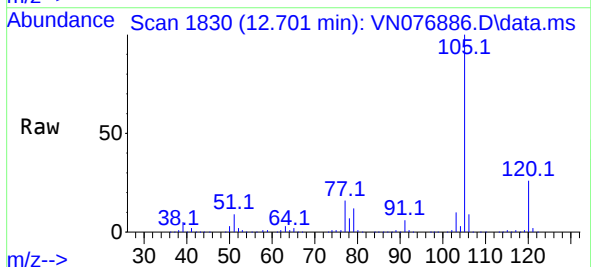
Tgt Ion:104 Resp: 945840
Ion Ratio Lower Upper
104 100
78 52.5 39.6 59.4
103 54.4 43.9 65.9

Manual Integrations
APPROVED

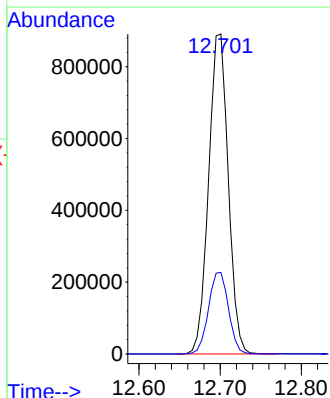
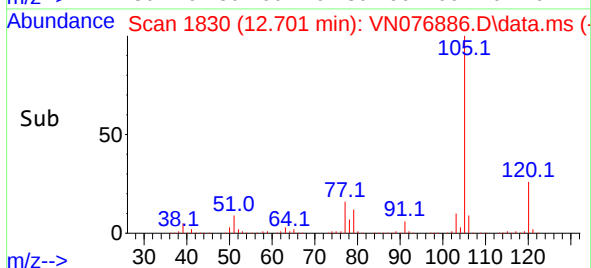
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

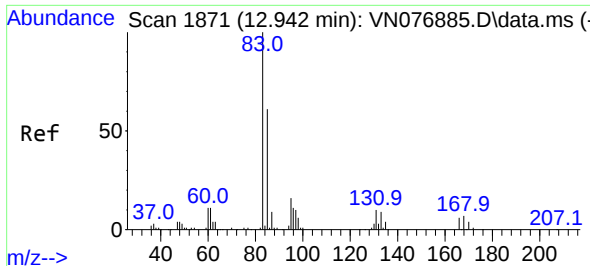


#70
Isopropylbenzene
Concen: 50.399 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



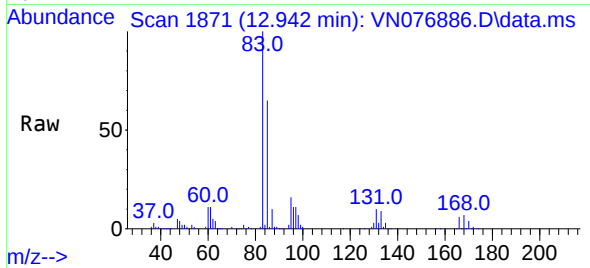
Tgt Ion:105 Resp: 1495380
Ion Ratio Lower Upper
105 100
120 25.9 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 43.824 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

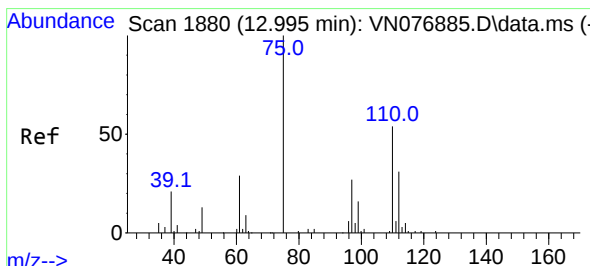
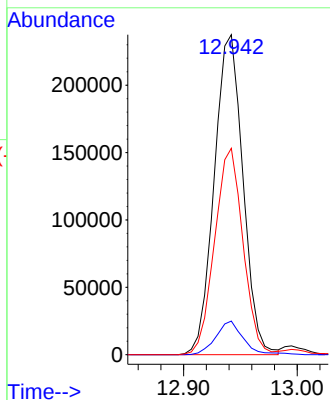
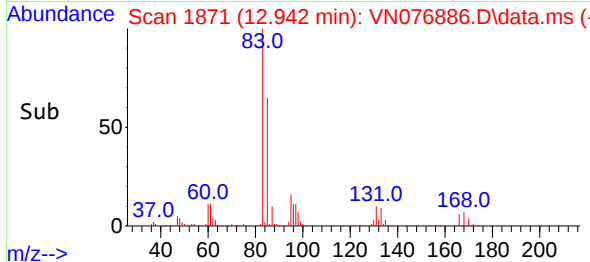
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



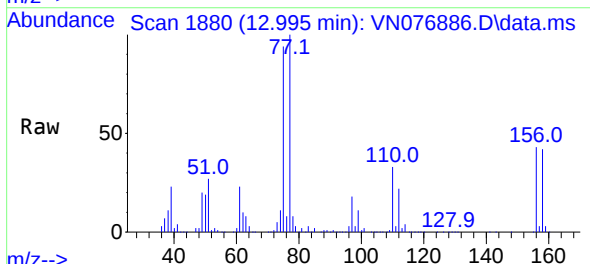
Tgt Ion: 83 Resp: 417620
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.6 32.3 96.9

Manual Integrations
APPROVED

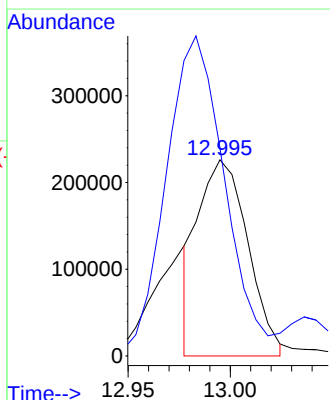
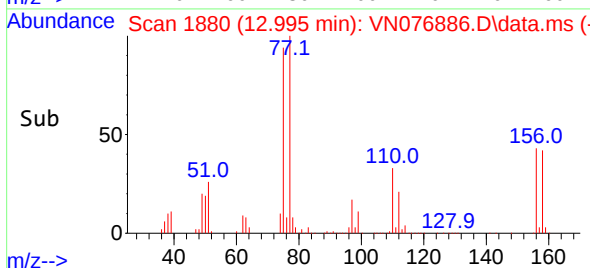
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

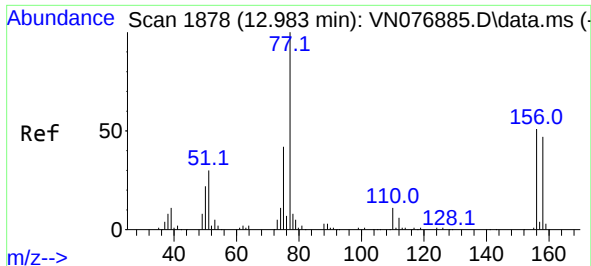


#72
1,2,3-Trichloropropane
Concen: 44.518 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



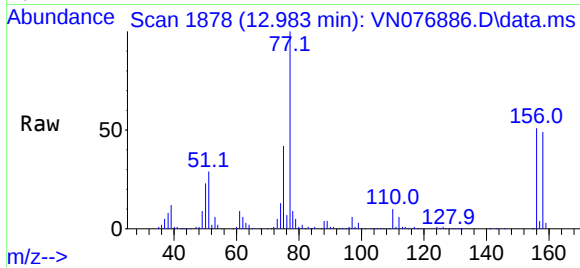
Tgt Ion: 75 Resp: 381231
Ion Ratio Lower Upper
75 100
77 192.6 0.0 332.6





#73
Bromobenzene
Concen: 48.289 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

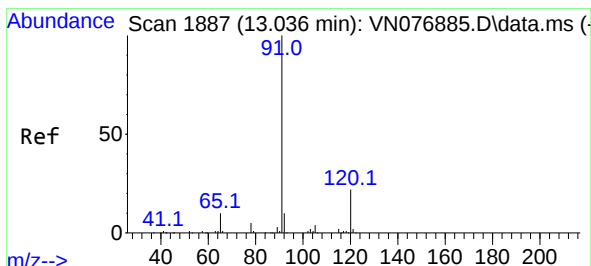
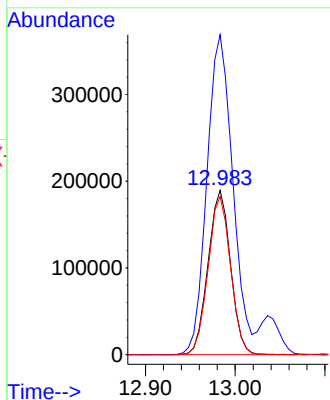
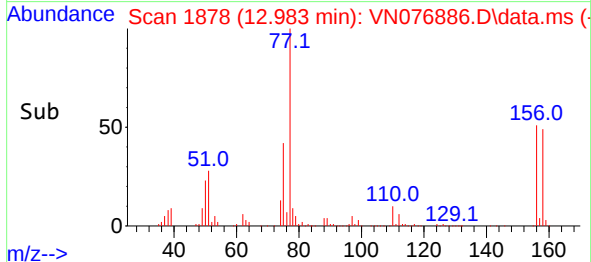
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



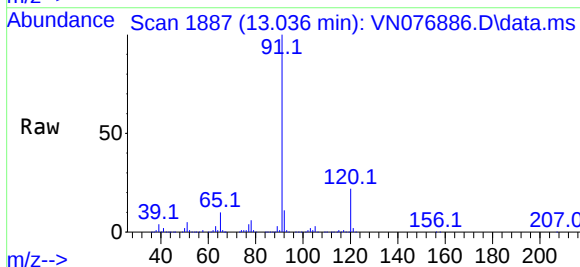
Tgt Ion:156 Resp: 328930
Ion Ratio Lower Upper
156 100
77 223.3 0.0 423.0
158 96.1 0.0 188.6

Manual Integrations
APPROVED

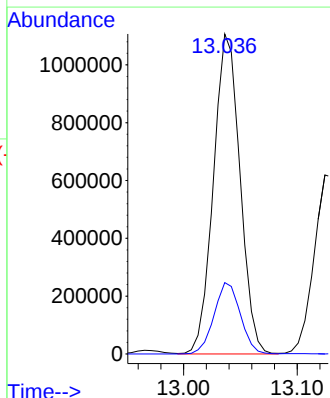
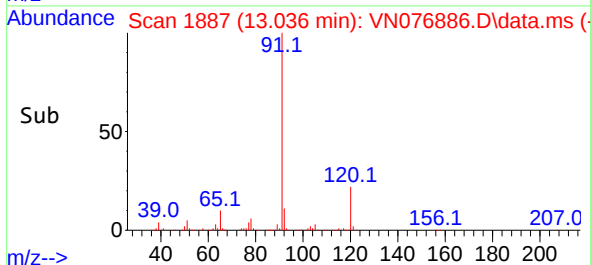
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

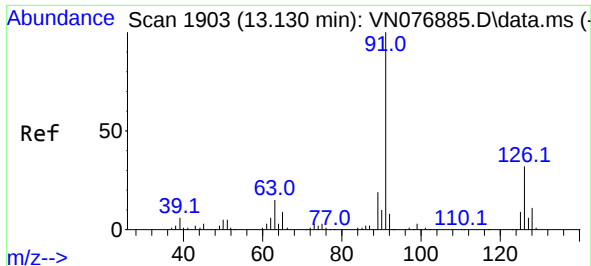


#74
n-propylbenzene
Concen: 50.776 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion: 91 Resp: 1799244
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0





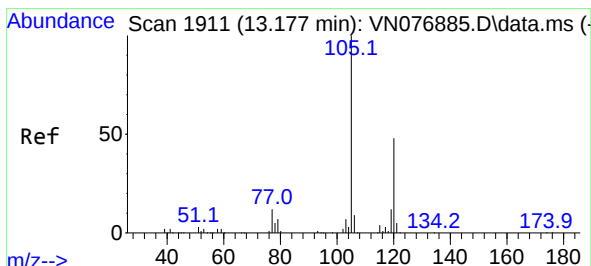
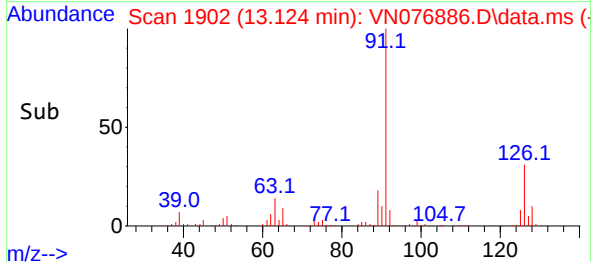
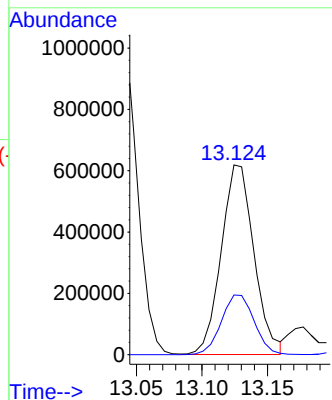
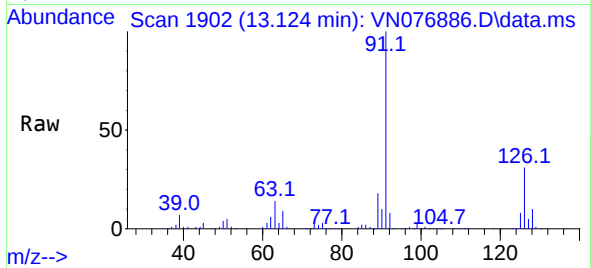
#75
2-Chlorotoluene
Concen: 50.701 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 107641
Ion Ratio Lower Upper
91 100
126 31.6 0.0 66.4

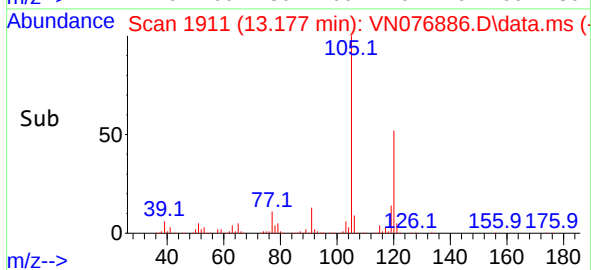
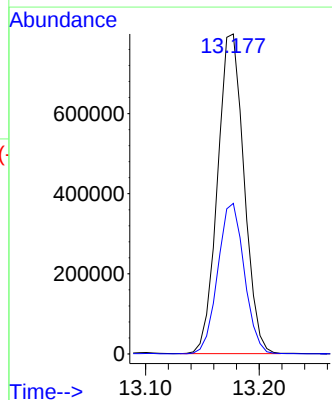
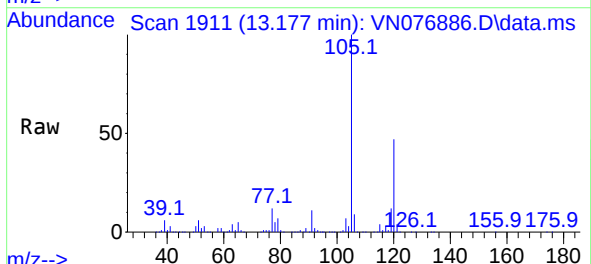
Manual Integrations
APPROVED

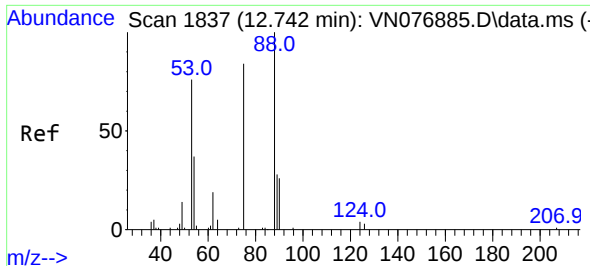
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 51.958 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

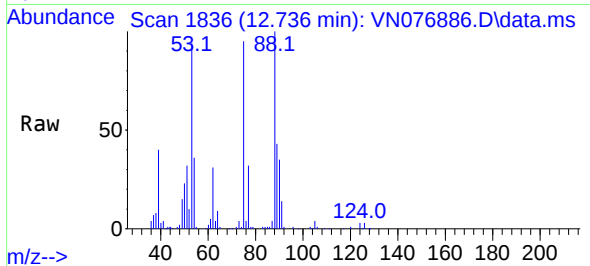
Tgt Ion:105 Resp: 1295951
Ion Ratio Lower Upper
105 100
120 47.2 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 46.377 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

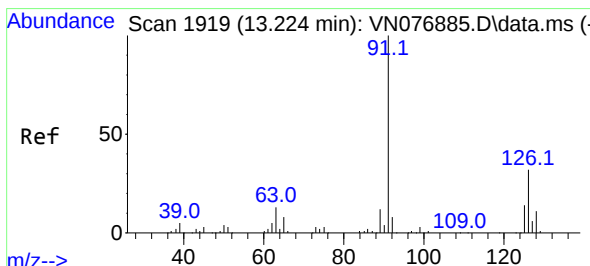
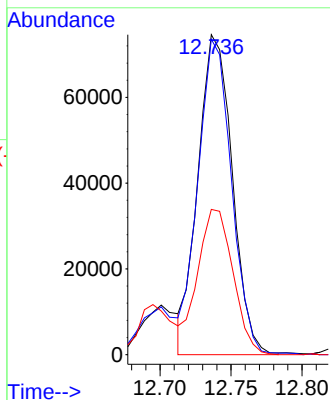
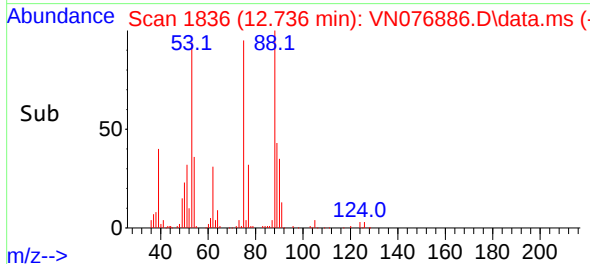
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



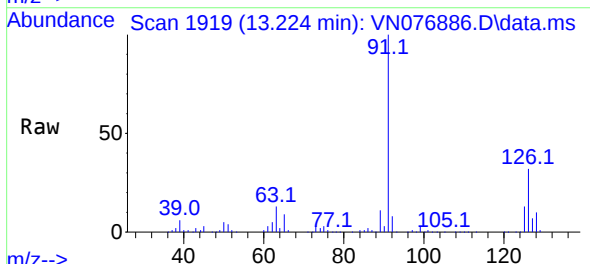
Tgt Ion: 75 Resp: 125220
Ion Ratio Lower Upper
75 100
53 98.7 50.4 151.3
89 45.6 22.1 66.5

Manual Integrations
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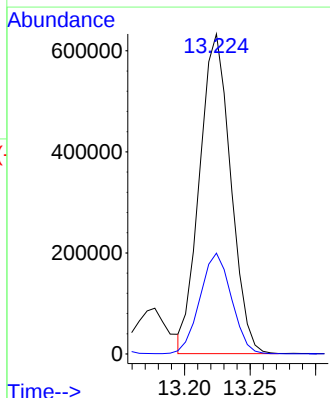
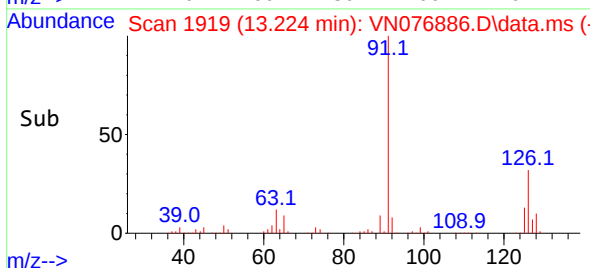
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

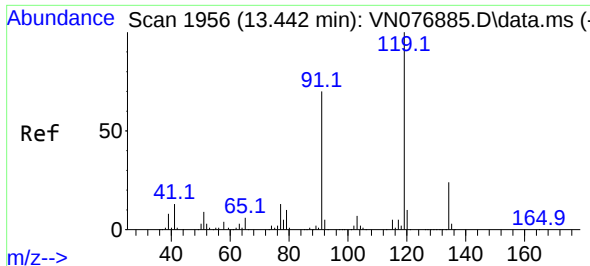


#78
4-Chlorotoluene
Concen: 51.392 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion: 91 Resp: 1045051
Ion Ratio Lower Upper
91 100
126 32.0 0.0 70.6





#79
tert-butylbenzene
Concen: 50.314 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

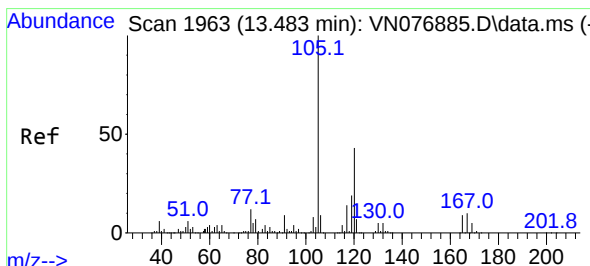
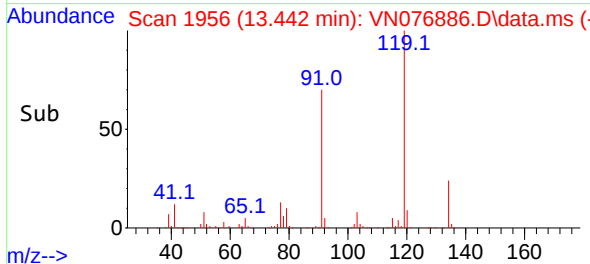
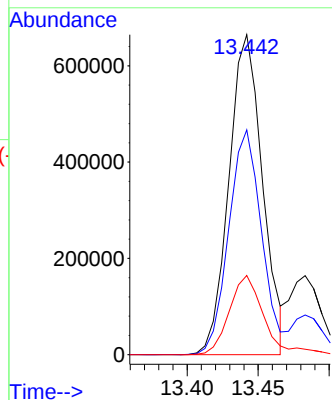
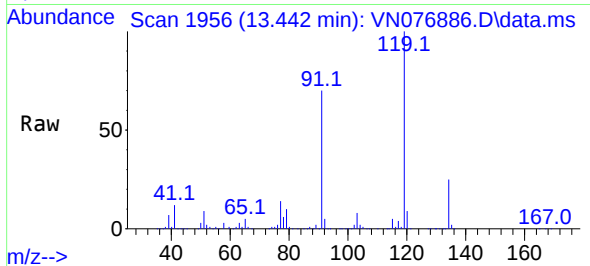
Tgt Ion:119 Resp: 1094240
Ion Ratio Lower Upper
119 100
91 68.4 0.0 129.6
134 24.2 0.0 47.8

Manual Integrations

APPROVED

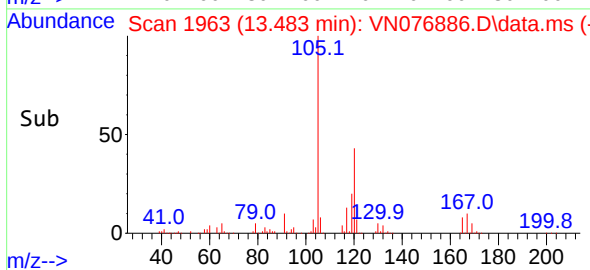
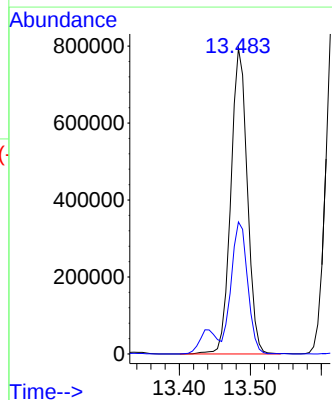
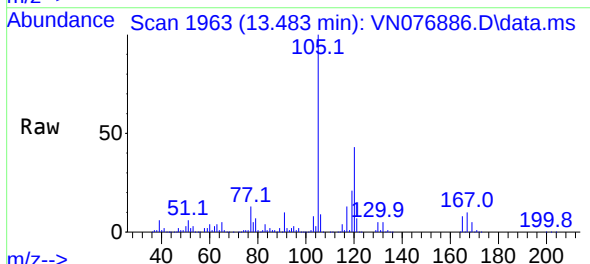
Reviewed By :John Carlone 03/09/2023

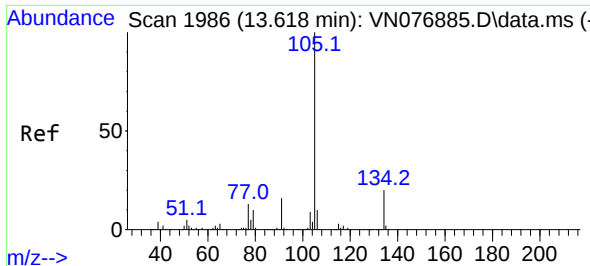
Supervised By :Mahesh Dadoda 03/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 51.992 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion:105 Resp: 1280118
Ion Ratio Lower Upper
105 100
120 42.5 0.0 93.2





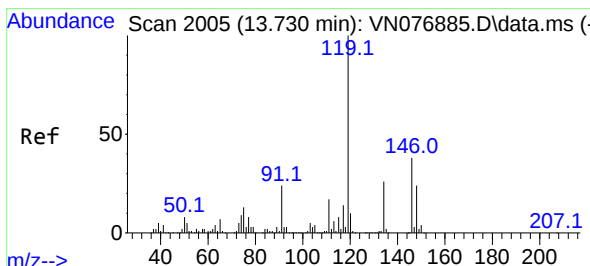
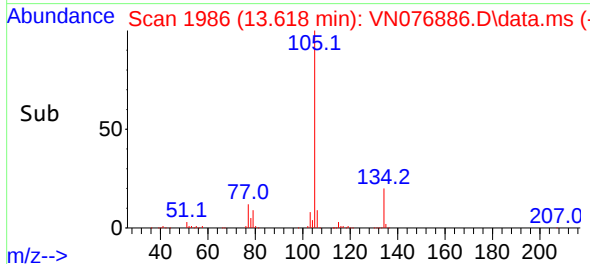
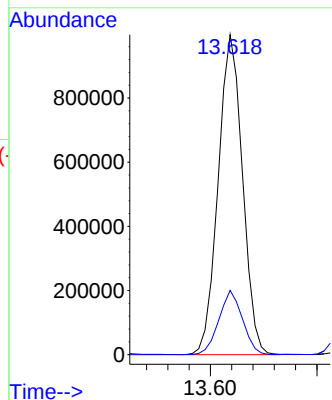
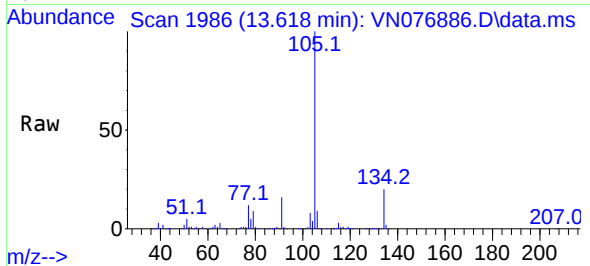
#81
 sec-Butylbenzene
 Concen: 50.429 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076886.D
 Acq: 08 Mar 2023 19:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 1579820
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

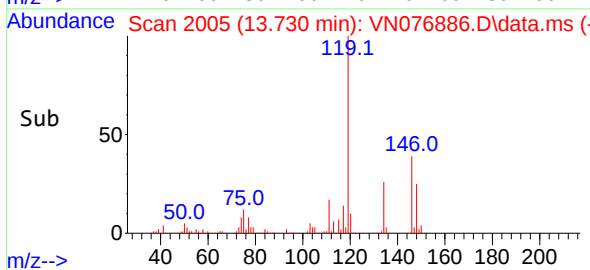
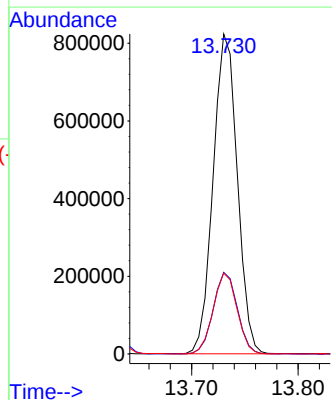
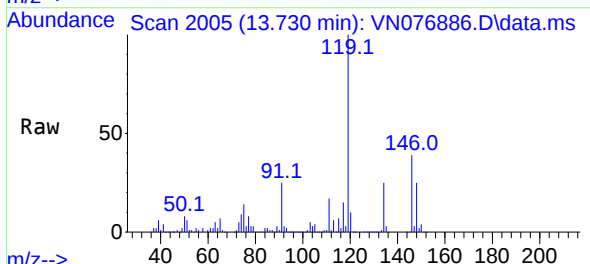
Manual Integrations
 APPROVED

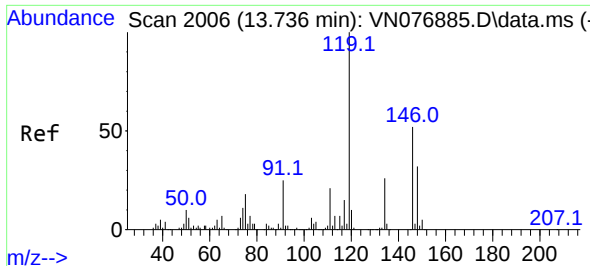
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#82
 p-Isopropyltoluene
 Concen: 51.134 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076886.D
 Acq: 08 Mar 2023 19:11

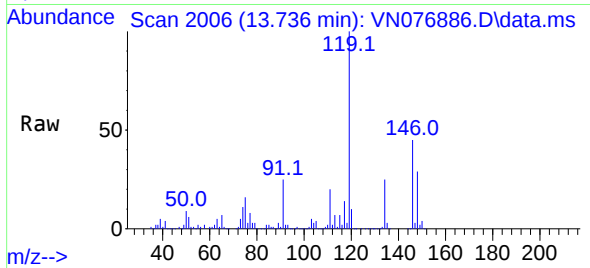
Tgt Ion:119 Resp: 1297009
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 53.4
 91 25.0 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 47.327 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

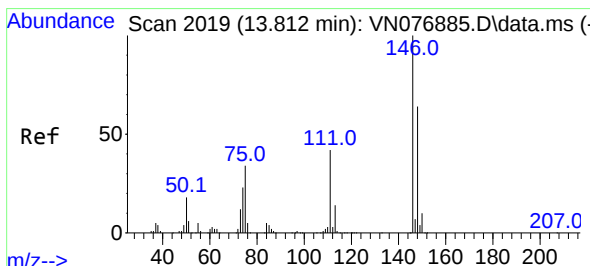
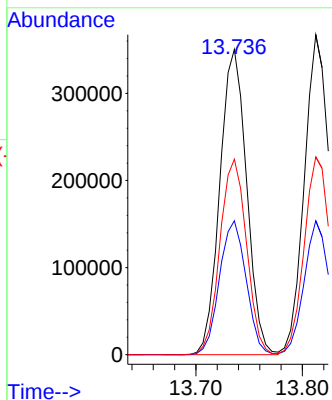
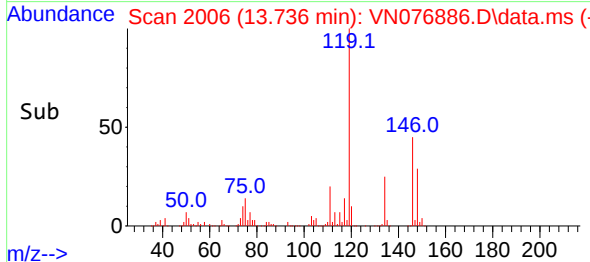
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



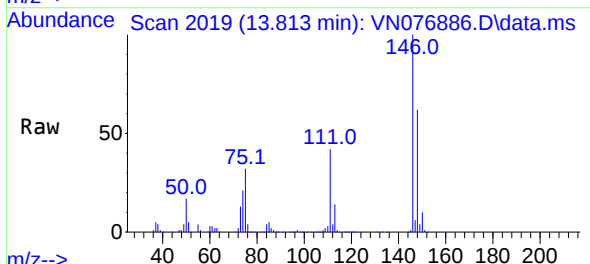
Tgt Ion:146 Resp: 612385
Ion Ratio Lower Upper
146 100
111 43.7 20.3 60.8
148 63.5 31.9 95.5

Manual Integrations
APPROVED

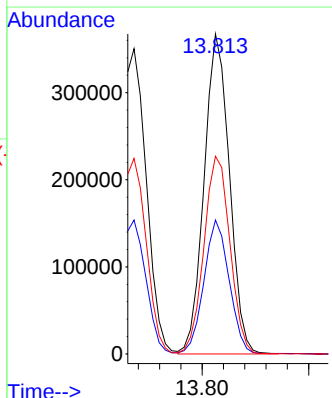
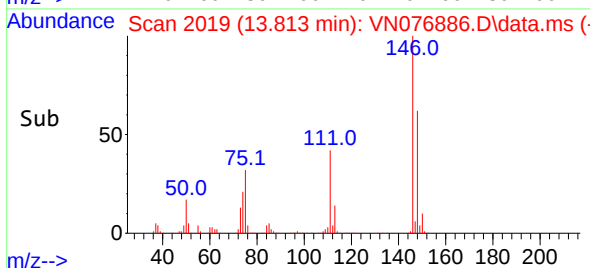
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

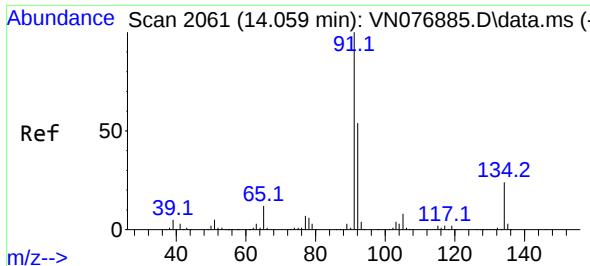


#84
1,4-Dichlorobenzene
Concen: 47.854 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion:146 Resp: 607048
Ion Ratio Lower Upper
146 100
111 41.4 18.2 54.6
148 63.2 31.1 93.2





#85
n-Butylbenzene
Concen: 53.153 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

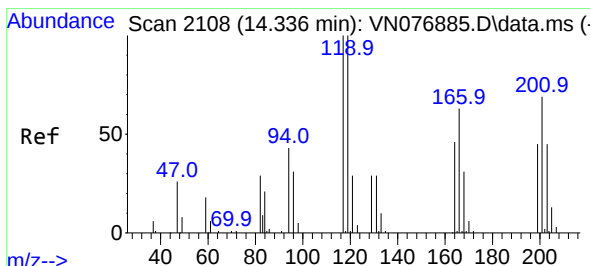
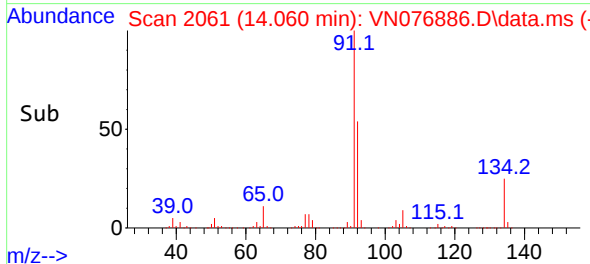
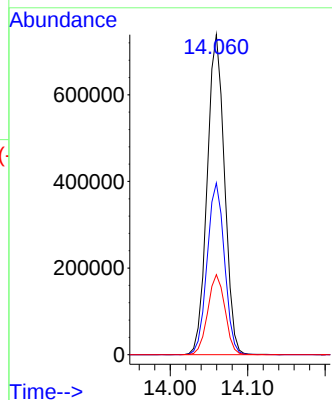
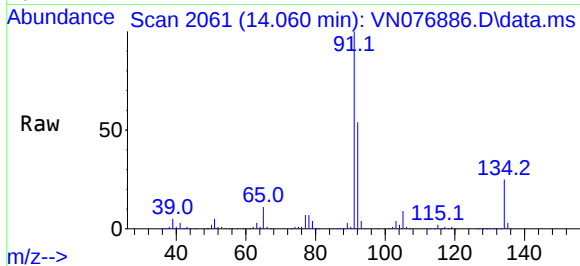
VSTDICC050

Tgt Ion: 91 Resp: 114747
Ion Ratio Lower Upper
91 100
92 53.6 0.0 103.2
134 24.9 0.0 50.0

Manual Integrations

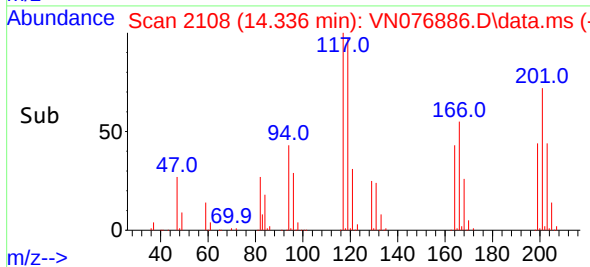
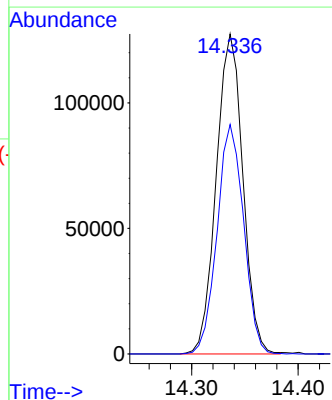
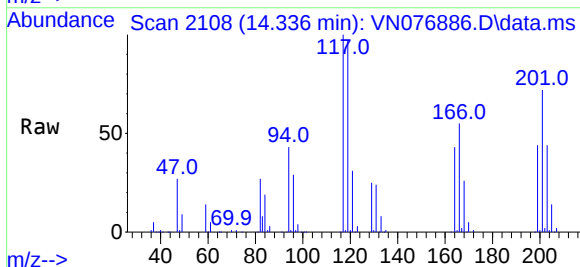
APPROVED

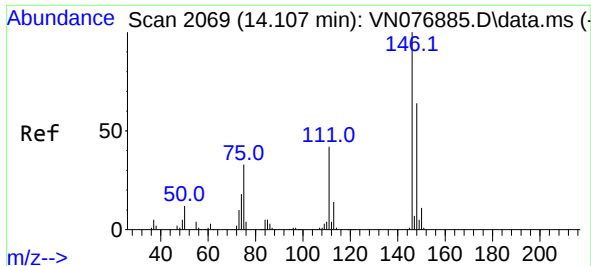
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#86
Hexachloroethane
Concen: 45.705 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Tgt Ion:117 Resp: 221261
Ion Ratio Lower Upper
117 100
201 71.5 32.2 96.6





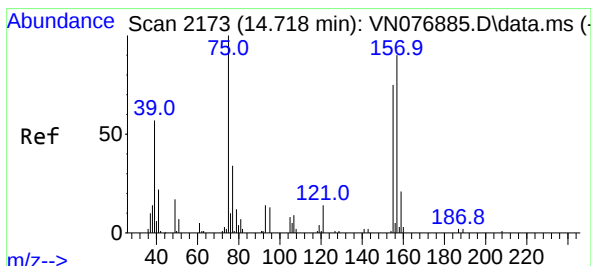
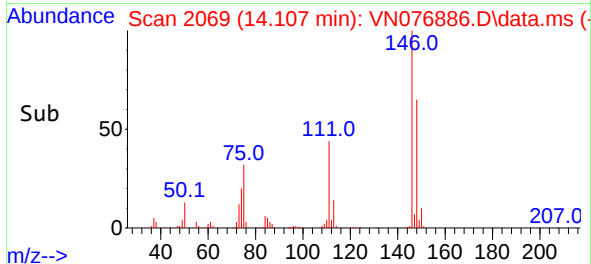
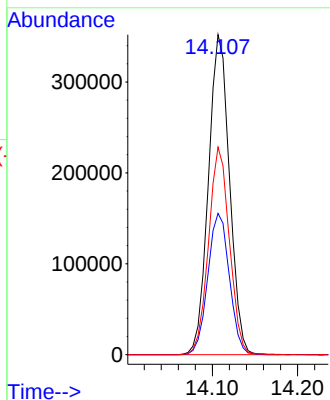
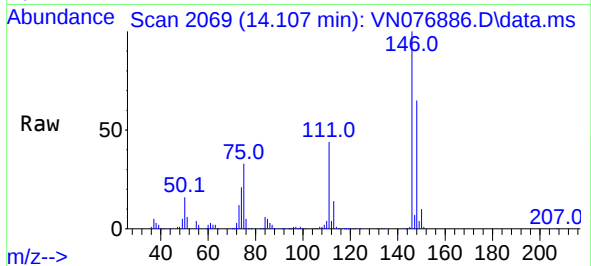
#87
1,2-Dichlorobenzene
Concen: 46.784 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:146 Resp: 60553
Ion Ratio Lower Upper
146 100
111 45.1 20.5 61.6
148 64.0 32.5 97.5

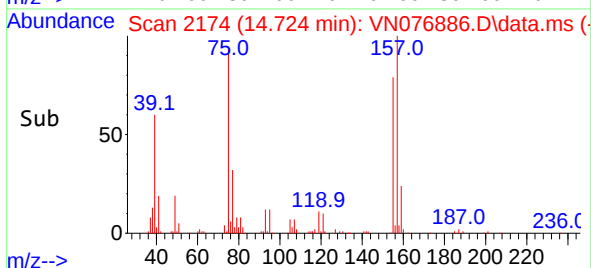
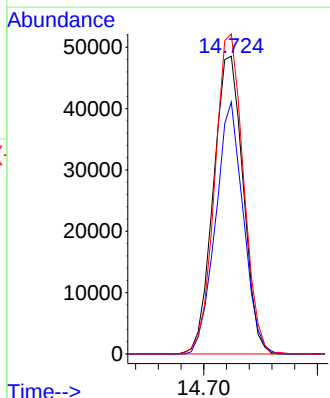
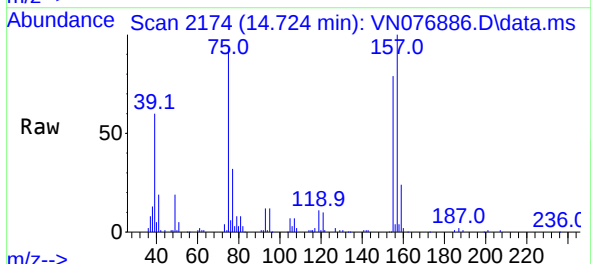
Manual Integrations
APPROVED

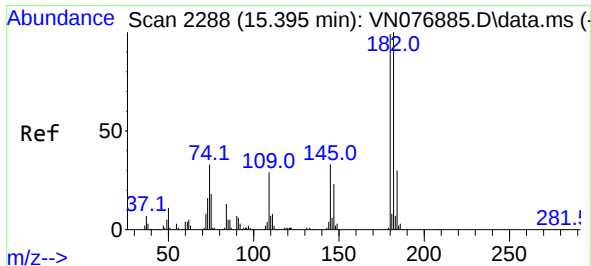
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 48.946 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

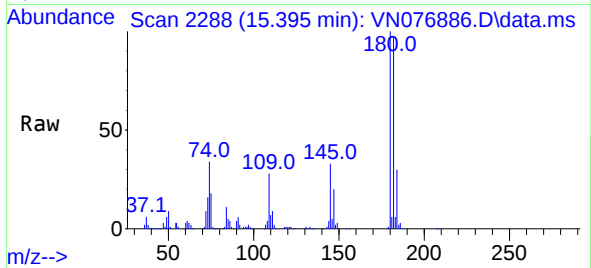
Tgt Ion: 75 Resp: 88268
Ion Ratio Lower Upper
75 100
155 78.9 62.5 93.7
157 103.3 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 52.819 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

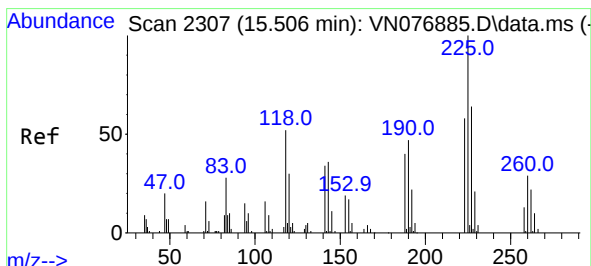
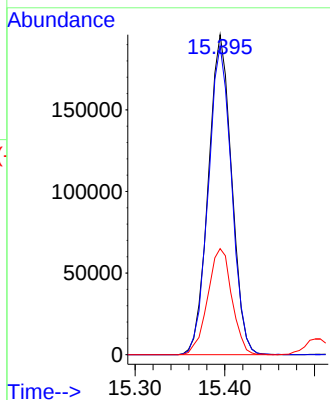
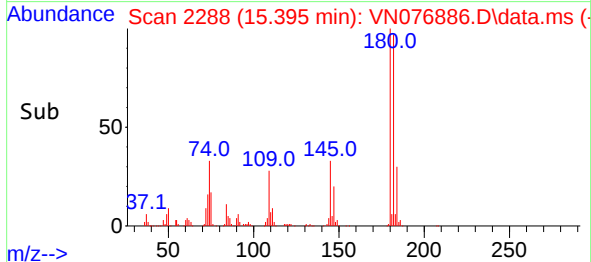
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



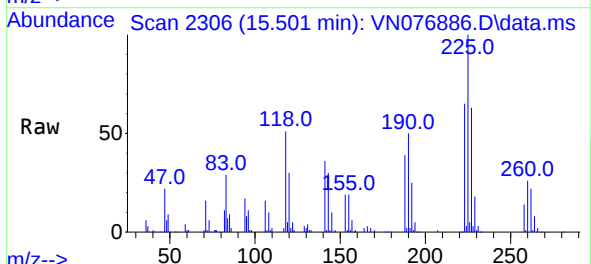
Tgt Ion:180 Resp: 353144
Ion Ratio Lower Upper
180 100
182 96.3 76.6 115.0
145 34.5 24.6 36.8

Manual Integrations
APPROVED

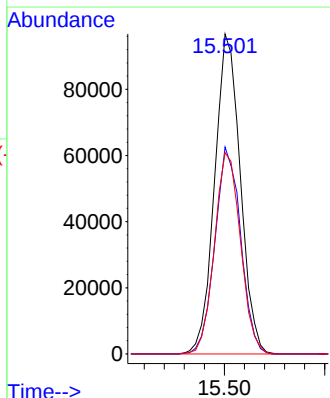
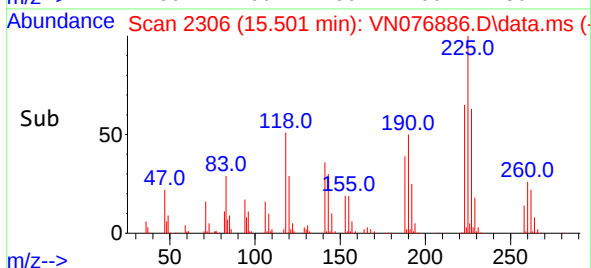
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

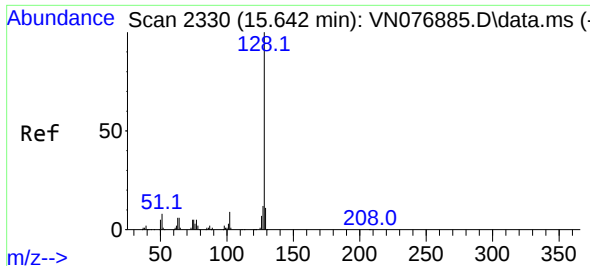


#90
Hexachlorobutadiene
Concen: 52.683 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



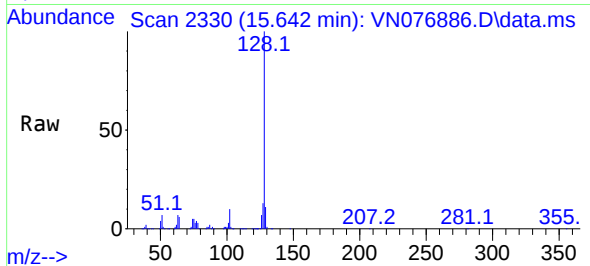
Tgt Ion:225 Resp: 172003
Ion Ratio Lower Upper
225 100
223 64.9 0.0 135.4
227 63.7 0.0 129.4





#91
Naphthalene
Concen: 53.211 ug/l
RT: 15.642 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11

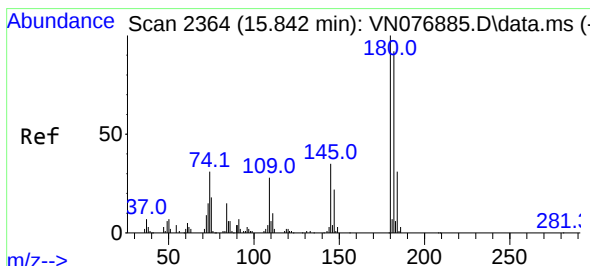
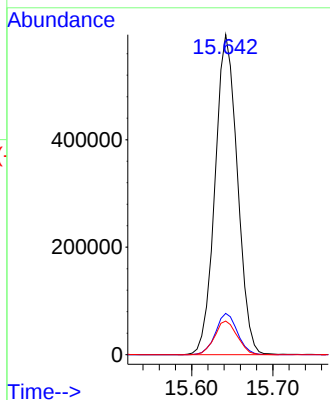
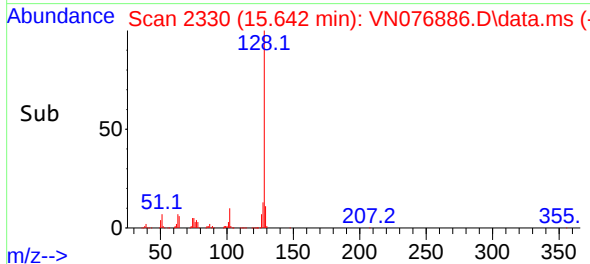
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



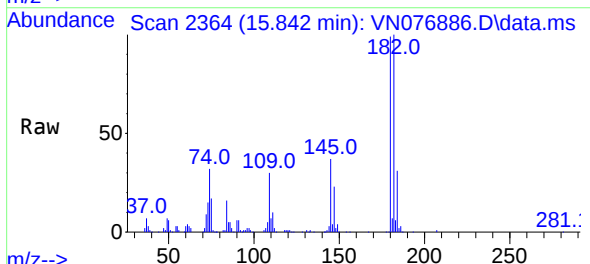
Tgt Ion:128 Resp: 1140660
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.6
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 51.341 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN076886.D
Acq: 08 Mar 2023 19:11



Tgt Ion:180 Resp: 349045
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.8
145 35.9 0.0 65.0

