

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076885.D
 Acq On : 08 Mar 2023 18:47
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Mar 09 03:47:45 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	52207	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	381366	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	407422	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	146755	30.492	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.633%			
60) 4-Bromofluorobenzene	12.848	95	233652	32.119	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 107.067%			
63) Toluene-d8	10.571	98	443277	31.049	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	122055	21.025	ug/l	98
3) Chloromethane	2.378	50	108638	16.260	ug/l	96
4) Vinyl Chloride	2.531	62	100281	14.442	ug/l	95
5) Bromomethane	2.984	94	61746	12.821	ug/l	94
6) Chloroethane	3.137	64	57760	12.987	ug/l	98
7) Trichlorofluoromethane	3.519	101	185466	19.790	ug/l	100
8) Diethyl Ether	3.978	74	69039	18.754	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.390	101	106020	18.816	ug/l	95
10) 1,1-Dichloroethene	4.360	96	102638	19.323	ug/l	95
11) Methyl Iodide	4.613	142	123257	19.238	ug/l	96
12) Methyl Acetate	5.042	43	168981	16.256	ug/l	96
13) Acrolein	4.195	56	122917	94.570	ug/l	99
14) Acrylonitrile	5.731	53	274566	85.210	ug/l	98
15) Acetone	4.442	58	75903	75.288	ug/l	82
16) Carbon Disulfide	4.731	76	281952	18.987	ug/l	99
17) Allyl chloride	5.048	41	149831	16.348	ug/l	94
18) Methylene Chloride	5.289	84	117593	17.835	ug/l #	85
19) trans-1,2-Dichloroethene	5.801	96	106513	18.152	ug/l	98
20) Diisopropyl ether	6.683	45	353591	16.441	ug/l	93
21) 1,1-Dichloroethane	6.578	63	203847	17.753	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	125743	18.822	ug/l	96
23) tert-Butyl Alcohol	5.525	59	80139	86.564	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	336162	18.521	ug/l	92
25) Chloroform	7.978	83	207772	18.449	ug/l	100
26) Cyclohexane	8.266	56	191675	18.541	ug/l #	94
29) 1,1-Dichloropropene	8.383	75	153568	17.631	ug/l	97
30) 2-Butanone	7.489	43	351846	72.664	ug/l	95
31) 2,2-Dichloropropane	7.507	77	154428	17.025	ug/l #	63
32) 1,1,1-Trichloroethane	8.172	97	181533	17.870	ug/l	97
33) Carbon Tetrachloride	8.372	117	158139	17.912	ug/l	96
34) Benzene	8.613	78	471829	17.031	ug/l	97
35) Methacrylonitrile	7.789	41	77523	14.426	ug/l	93
36) 1,2-Dichloroethane	8.677	62	158132	17.044	ug/l	98
37) Trichloroethene	9.360	130	117261	18.015	ug/l	100
38) Methylcyclohexane	9.607	83	194065	17.571	ug/l	98
39) 1,2-Dichloropropane	9.630	63	124654	17.369	ug/l	98
40) Dibromomethane	9.713	93	78488	17.163	ug/l	95
41) Bromodichloromethane	9.889	83	160359	17.423	ug/l	98
42) Vinyl Acetate	6.619	43	1098072	76.709	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076885.D
 Acq On : 08 Mar 2023 18:47
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

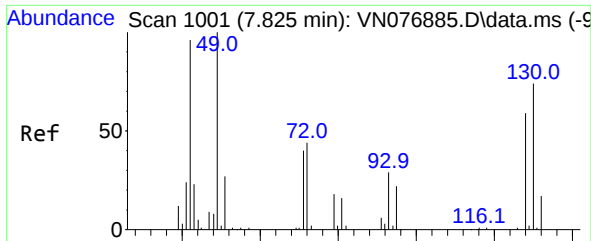
Manual Integrations
 APPROVED

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

Quant Time: Mar 09 03:47:45 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

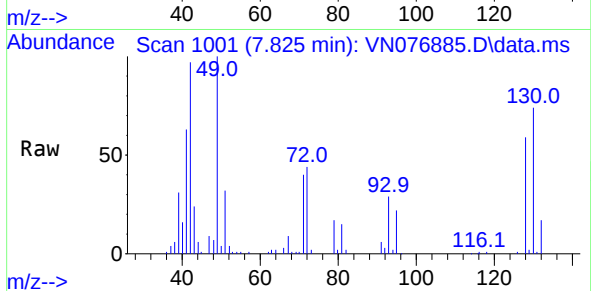
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	143426	15.366	ug/l #	80
44) Isopropyl Acetate	8.695	43	233244	15.096	ug/l	93
45) 1,4-Dioxane	9.695	88	39518	304.460	ug/l	91
46) Methyl methacrylate	9.683	41	114458	16.069	ug/l	90
47) n-amyl Acetate	12.495	43	183372m	13.720	ug/l	
48) t-1,3-Dichloropropene	10.836	75	156046	16.799	ug/l	100
49) cis-1,3-Dichloropropene	10.319	75	180299	16.920	ug/l	90
50) 1,1,2-Trichloroethane	11.018	97	111617	16.779	ug/l	96
51) Ethyl methacrylate	10.877	69	168376	17.412	ug/l	87
52) 1,3-Dichloropropane	11.166	76	196524	17.180	ug/l	98
53) Dibromochloromethane	11.360	129	115179	16.994	ug/l	98
54) 1,2-Dibromoethane	11.471	107	108921	16.922	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	297999	72.197	ug/l	98
56) Bromoform	12.583	173	77041	16.646	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	740195	78.835	ug/l #	90
59) 2-Hexanone	11.201	43	527401	76.230	ug/l	90
61) Tetrachloroethene	11.107	164	114268	21.168	ug/l	92
62) Toluene	10.630	91	500143	17.625	ug/l	99
64) Chlorobenzene	11.895	112	294050	17.575	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.960	131	108863	17.629	ug/l	97
66) Ethyl Benzene	11.965	91	544990	18.007	ug/l	100
67) m/p-Xylenes	12.077	106	421499	36.030	ug/l	93
68) o-Xylene	12.401	106	203153	17.648	ug/l	97
69) Styrene	12.413	104	333462	18.024	ug/l	98
70) Isopropylbenzene	12.701	105	531875	18.053	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	157009	16.593	ug/l	97
72) 1,2,3-Trichloropropane	12.995	75	140835m	16.562	ug/l	
73) Bromobenzene	12.983	156	116610	17.240	ug/l	91
74) n-propylbenzene	13.036	91	625826	17.786	ug/l	100
75) 2-Chlorotoluene	13.130	91	384021	18.216	ug/l	96
76) 1,3,5-Trimethylbenzene	13.177	105	460363	18.588	ug/l	94
77) t-1,4-Dichloro-2-butene	12.742	75	44409	16.563	ug/l	92
78) 4-Chlorotoluene	13.224	91	368035	18.227	ug/l	94
79) tert-butylbenzene	13.442	119	378978	17.549	ug/l	93
80) 1,2,4-Trimethylbenzene	13.483	105	456895	18.688	ug/l	96
81) sec-Butylbenzene	13.618	105	552967	17.776	ug/l	100
82) p-Isopropyltoluene	13.730	119	451112	17.911	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	218958	17.041	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	211705	16.807	ug/l	95
85) n-Butylbenzene	14.059	91	370181	17.269	ug/l	98
86) Hexachloroethane	14.336	117	76958	16.009	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	219924	17.111	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	29568	16.512	ug/l	96
89) 1,2,4-Trichlorobenzene	15.395	180	113685	17.124	ug/l	98
90) Hexachlorobutadiene	15.506	225	60749	18.738	ug/l	96
91) Naphthalene	15.642	128	368049	17.290	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	117367	17.385	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

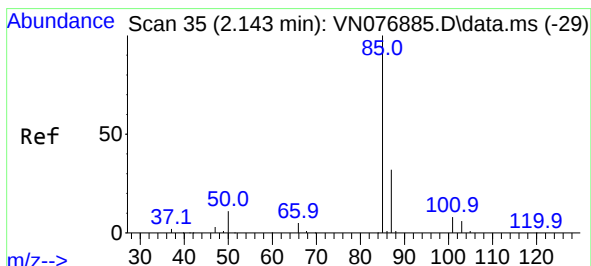
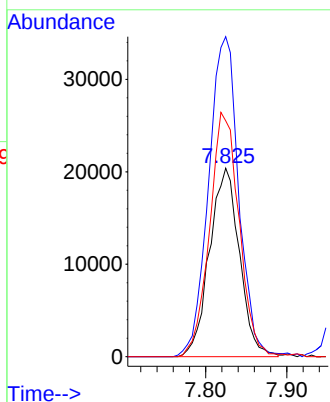
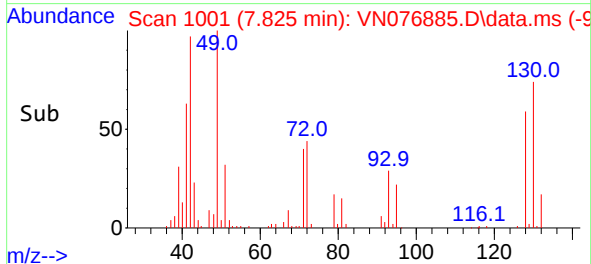
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



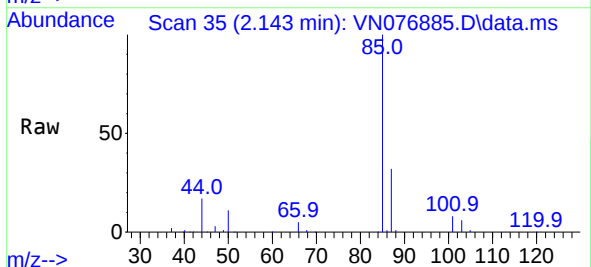
Tgt Ion:128 Resp: 5220
Ion Ratio Lower Upper
128 100
49 170.8 0.0 461.8
130 127.4 0.0 295.3

Manual Integrations
APPROVED

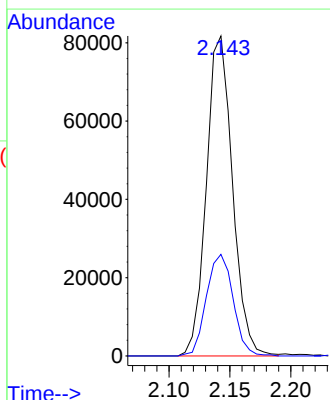
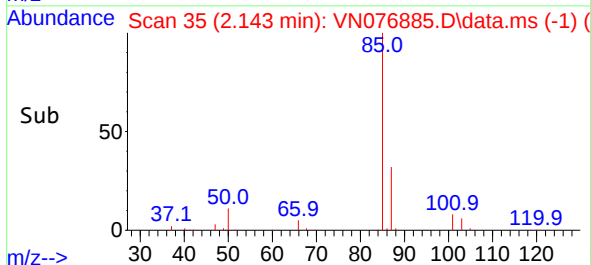
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

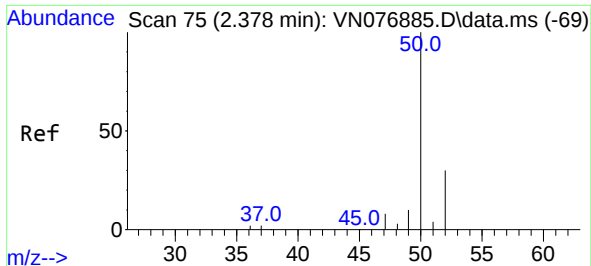


#2
Dichlorodifluoromethane
Concen: 21.025 ug/l
RT: 2.143 min Scan# 35
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



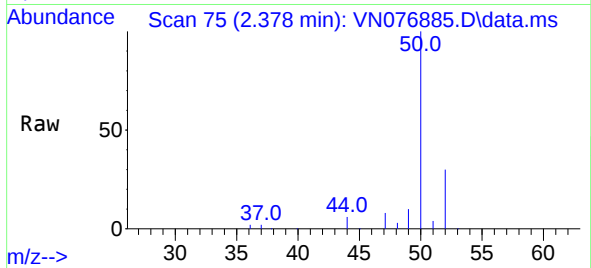
Tgt Ion: 85 Resp: 122055
Ion Ratio Lower Upper
85 100
87 31.7 15.4 46.1





#3
Chloromethane
Concen: 16.260 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

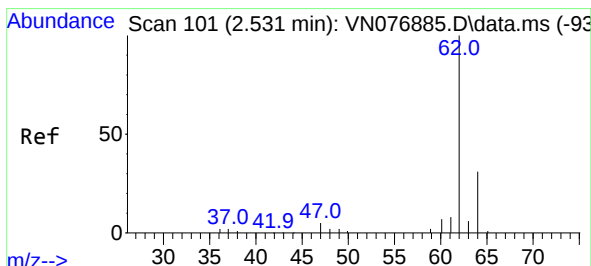
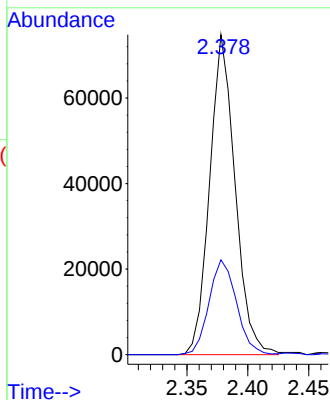
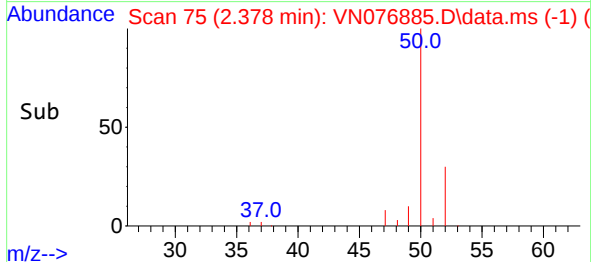
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



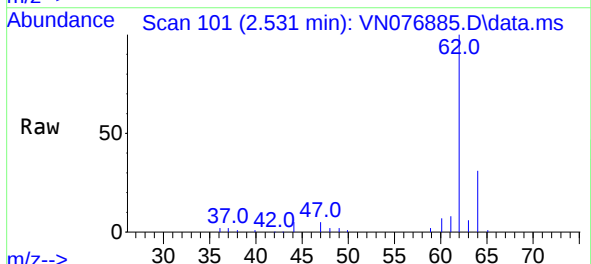
Tgt Ion: 50 Resp: 108638
Ion Ratio Lower Upper
50 100
52 29.6 25.3 37.9

Manual Integrations
APPROVED

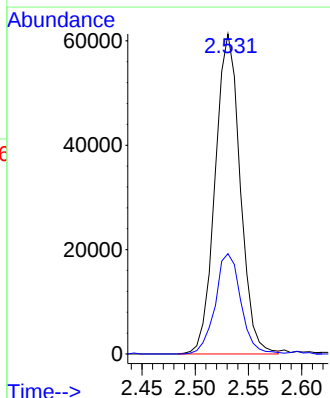
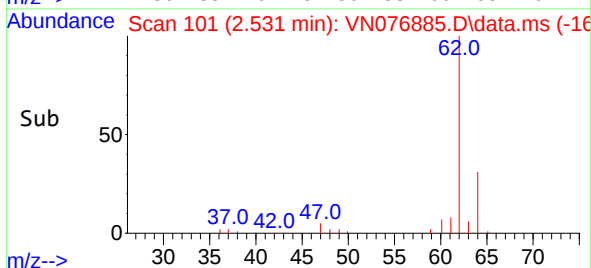
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

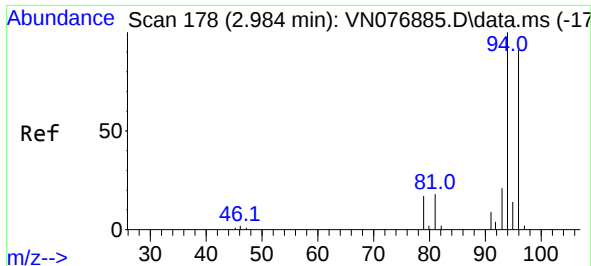


#4
Vinyl Chloride
Concen: 14.442 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



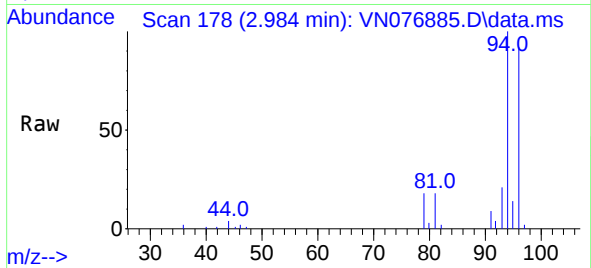
Tgt Ion: 62 Resp: 100281
Ion Ratio Lower Upper
62 100
64 31.3 23.1 34.7





#5
Bromomethane
Concen: 12.821 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.012 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

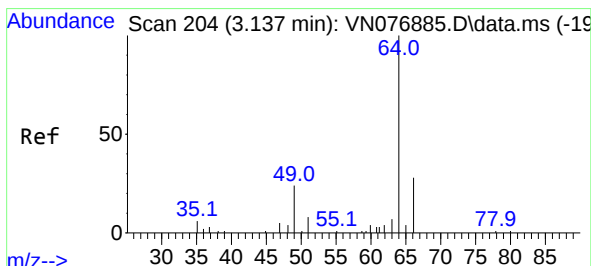
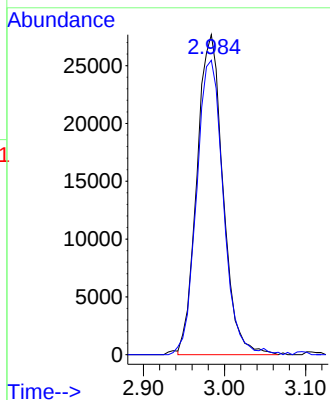
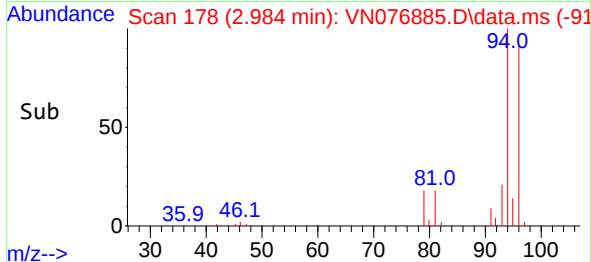
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



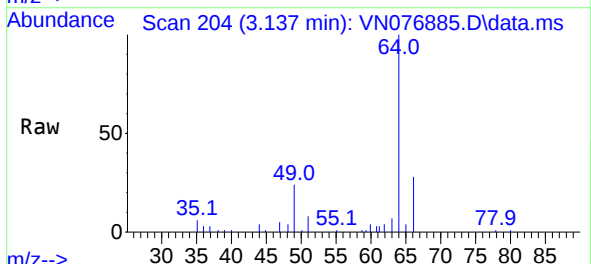
Tgt Ion: 94 Resp: 61740
Ion Ratio Lower Upper
94 100
96 91.2 68.6 103.0

Manual Integrations
APPROVED

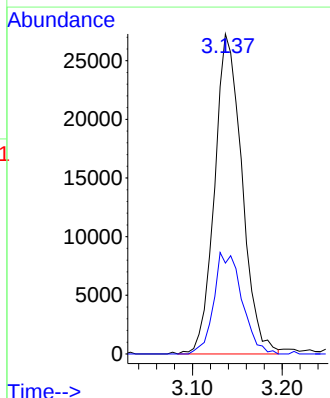
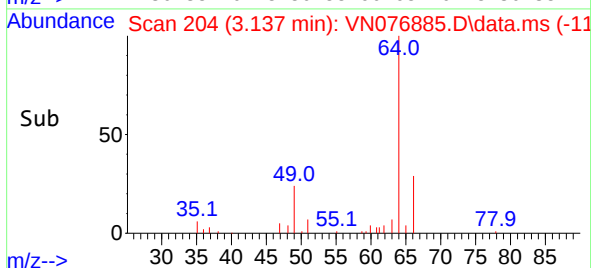
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

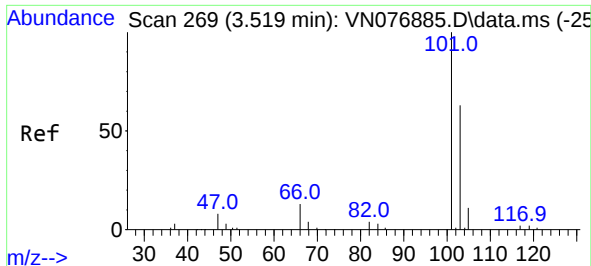


#6
Chloroethane
Concen: 12.987 ug/l
RT: 3.137 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



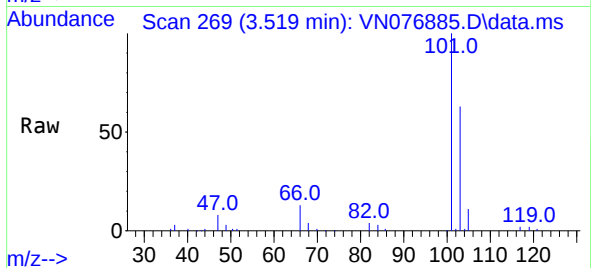
Tgt Ion: 64 Resp: 57760
Ion Ratio Lower Upper
64 100
66 28.4 23.8 35.6





#7
Trichlorofluoromethane
Concen: 19.790 ug/l
RT: 3.519 min Scan# 269
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

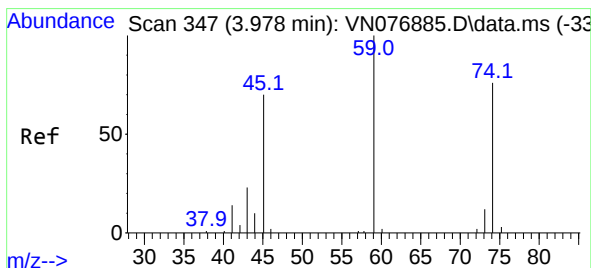
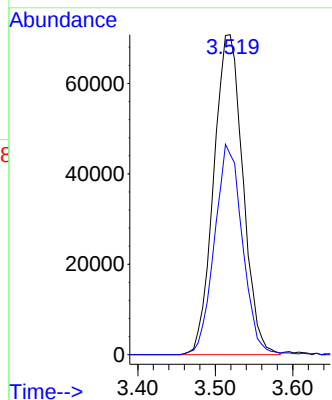
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:101 Resp: 185460
Ion Ratio Lower Upper
101 100
103 62.6 50.2 75.2

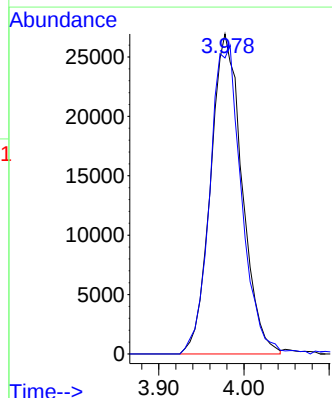
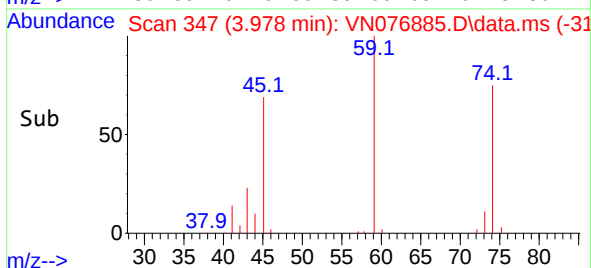
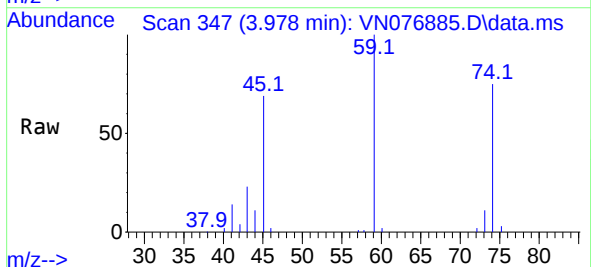
Manual Integrations
APPROVED

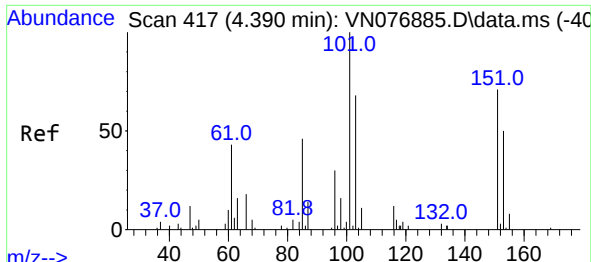
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#8
Diethyl Ether
Concen: 18.754 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion: 74 Resp: 69039
Ion Ratio Lower Upper
74 100
45 96.7 21.4 193.0





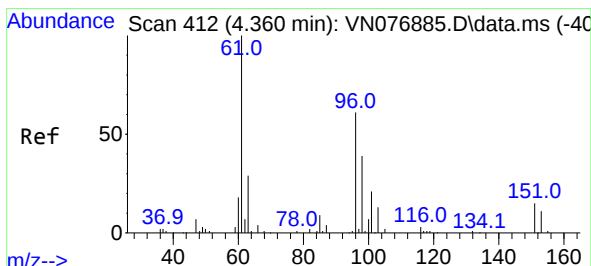
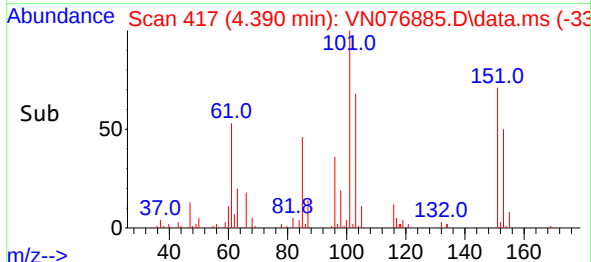
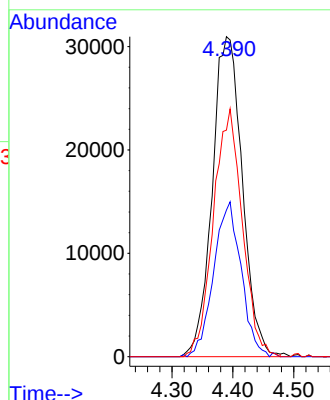
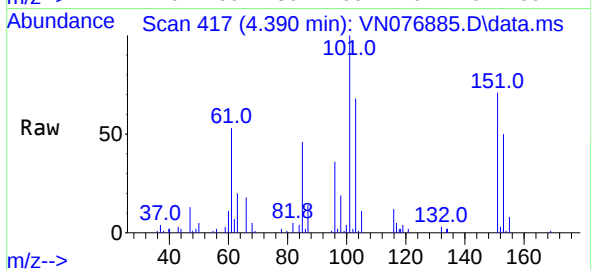
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.816 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 106020
Ion Ratio Lower Upper
101 100
85 44.2 0.0 95.2
151 74.6 0.0 142.2

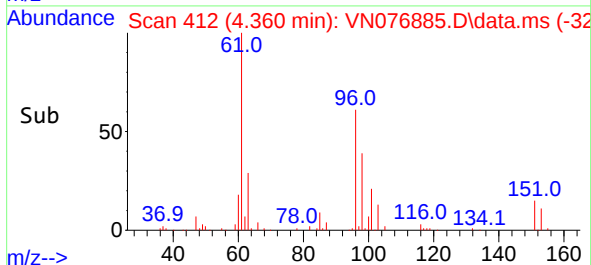
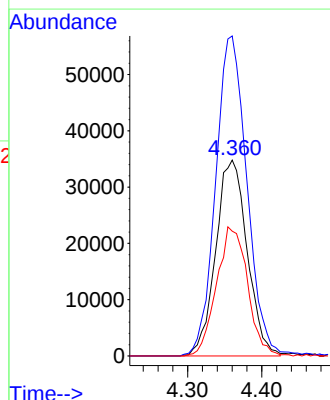
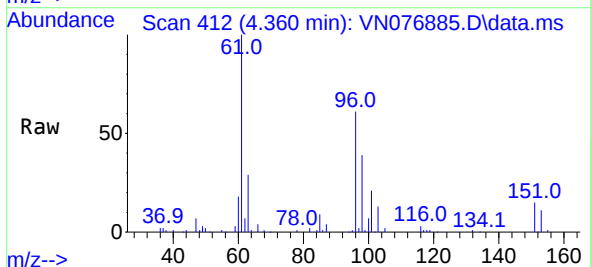
Manual Integrations
APPROVED

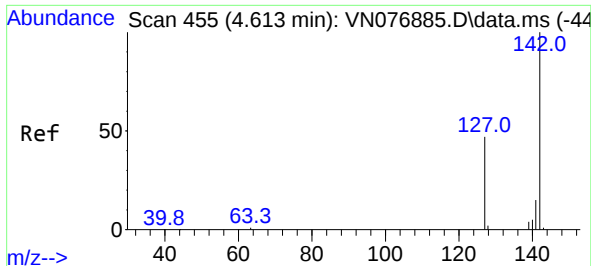
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
1,1-Dichloroethene
Concen: 19.323 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

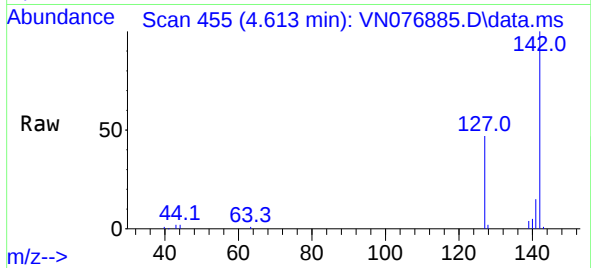
Tgt Ion: 96 Resp: 102638
Ion Ratio Lower Upper
96 100
61 163.5 137.1 205.7
98 63.7 53.2 79.8





#11
Methyl Iodide
Concen: 19.238 ug/l
RT: 4.613 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

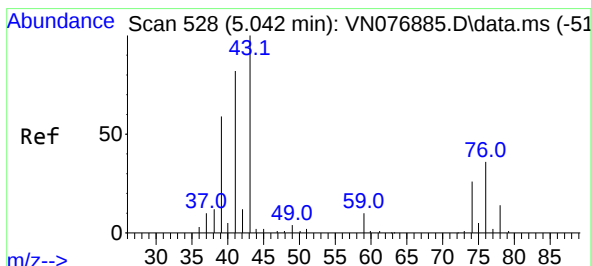
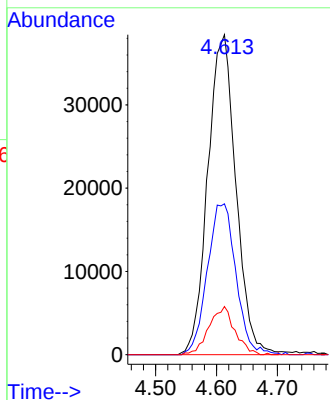
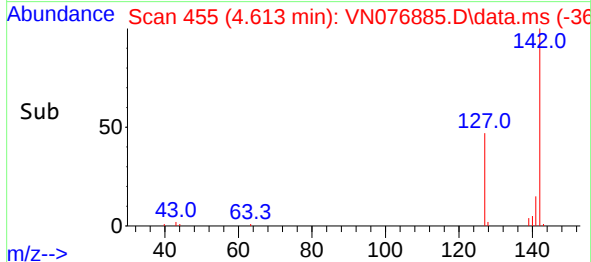
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



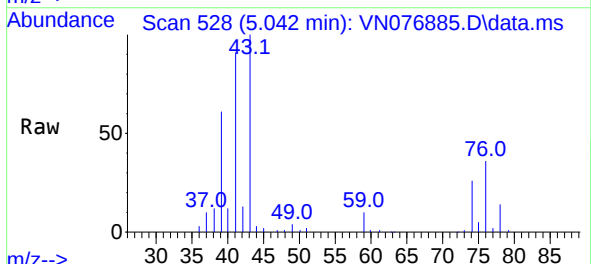
Tgt Ion:142 Resp: 12325
Ion Ratio Lower Upper
142 100
127 47.1 25.0 75.0
141 15.1 8.0 24.0

Manual Integrations
APPROVED

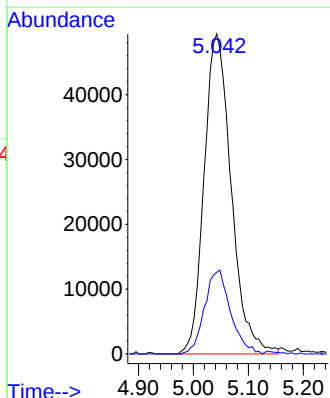
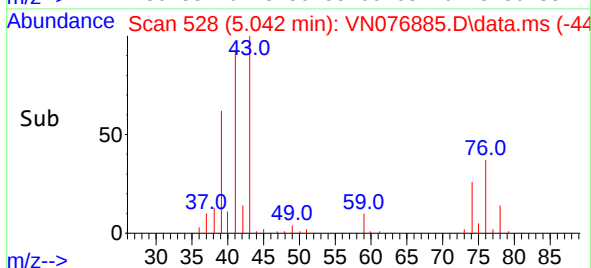
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

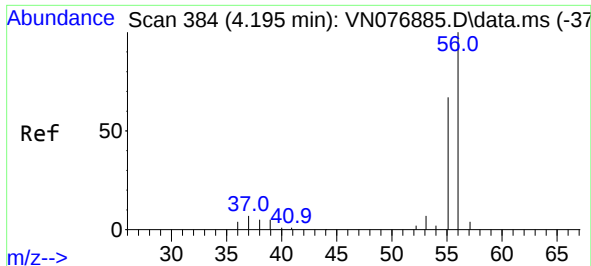


#12
Methyl Acetate
Concen: 16.256 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



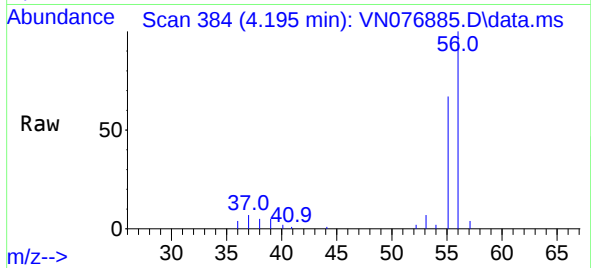
Tgt Ion: 43 Resp: 168981
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.4





#13
Acrolein
Concen: 94.570 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

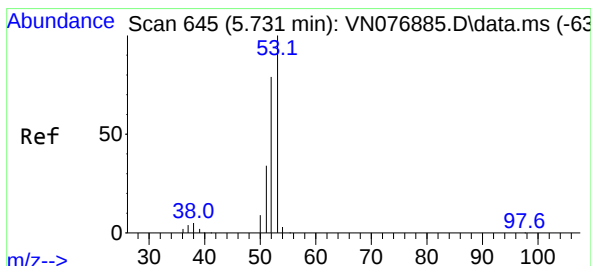
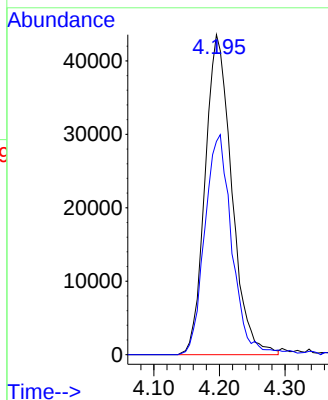
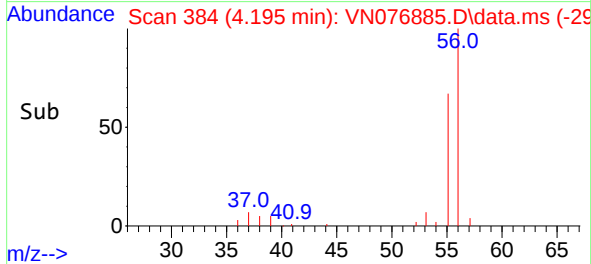
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



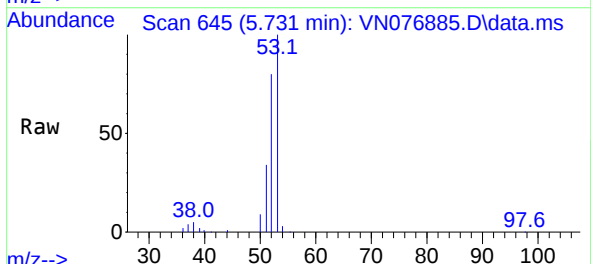
Tgt Ion: 56 Resp: 122917
Ion Ratio Lower Upper
56 100
55 69.3 55.0 82.4

Manual Integrations
APPROVED

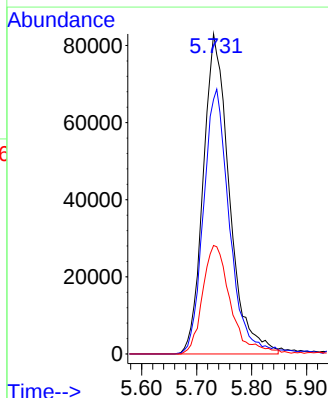
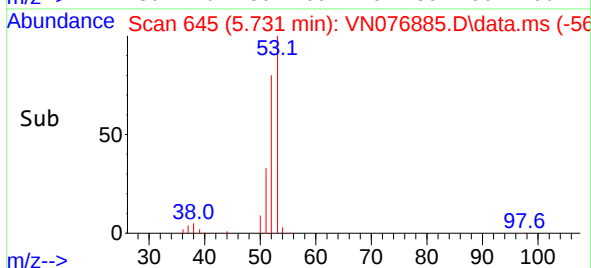
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

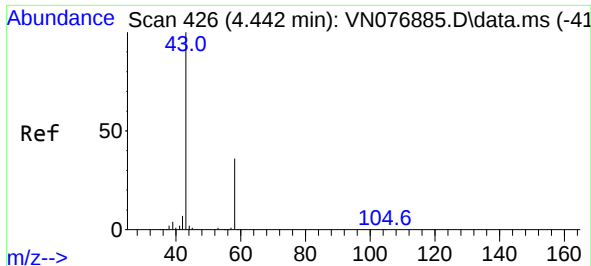


#14
Acrylonitrile
Concen: 85.210 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



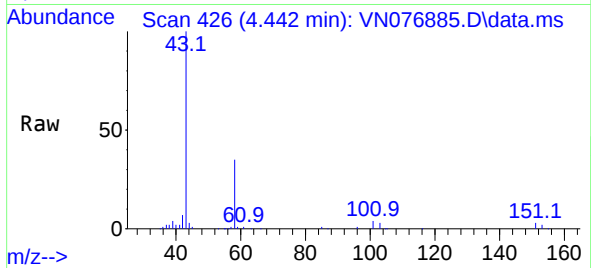
Tgt Ion: 53 Resp: 274566
Ion Ratio Lower Upper
53 100
52 81.4 41.5 124.6
51 34.5 17.6 52.8





#15
Acetone
Concen: 75.288 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

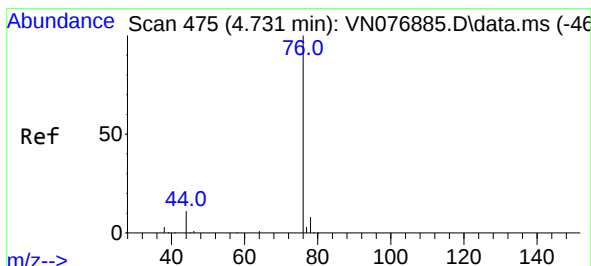
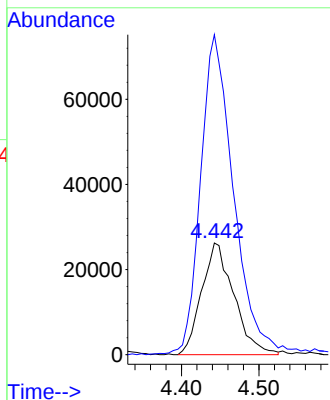
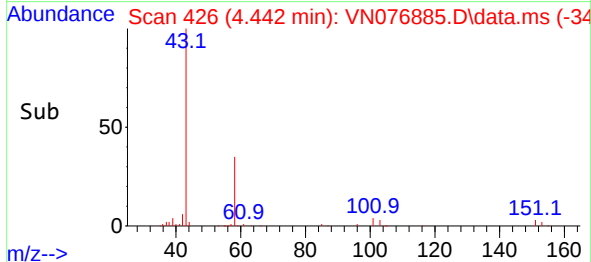
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



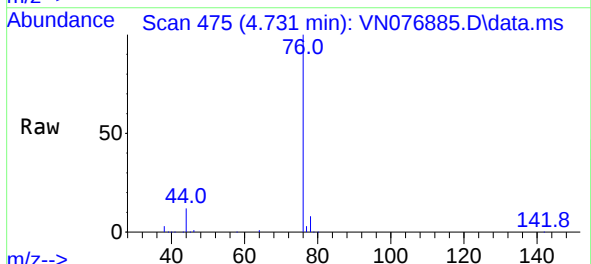
Tgt Ion: 58 Resp: 7590
Ion Ratio Lower Upper
58 100
43 281.4 255.4 383.0

Manual Integrations
APPROVED

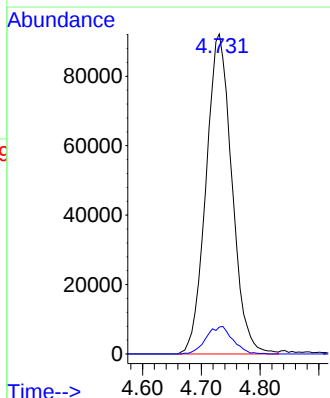
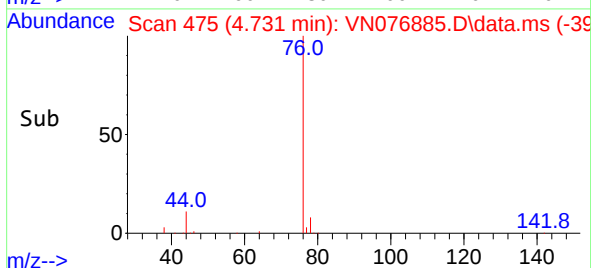
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

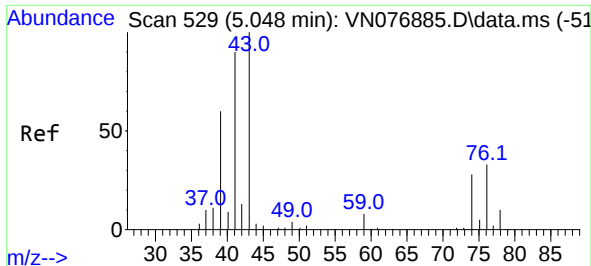


#16
Carbon Disulfide
Concen: 18.987 ug/l
RT: 4.731 min Scan# 475
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



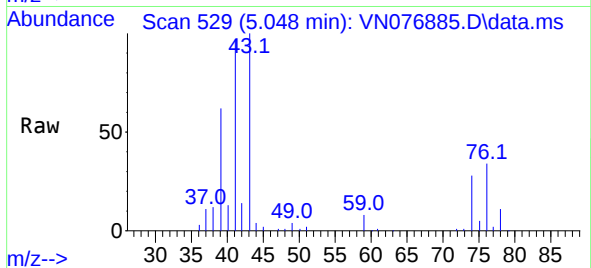
Tgt Ion: 76 Resp: 281952
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8





#17
 Allyl chloride
 Concen: 16.348 ug/l
 RT: 5.048 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN076885.D
 Acq: 08 Mar 2023 18:47

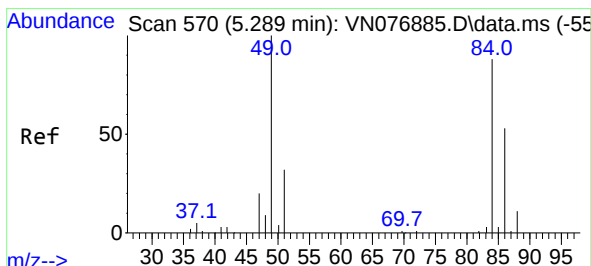
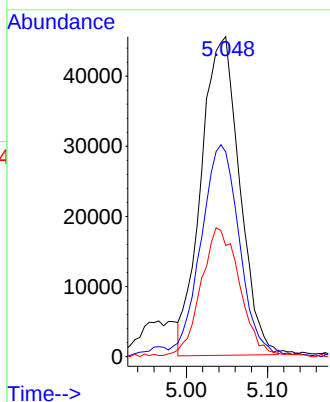
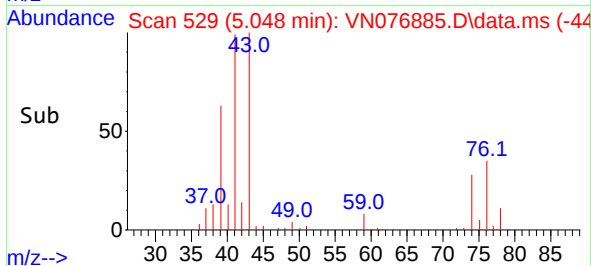
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



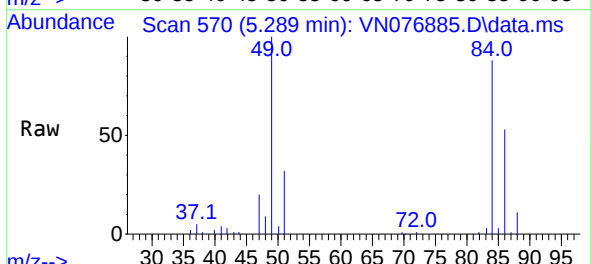
Tgt Ion: 41 Resp: 14983
 Ion Ratio Lower Upper
 41 100
 39 63.0 34.8 104.3
 76 34.3 17.5 52.5

Manual Integrations
 APPROVED

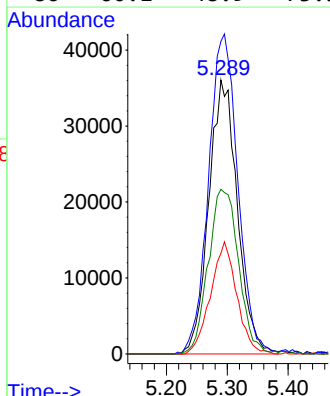
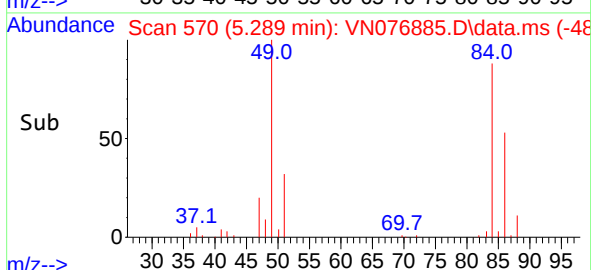
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

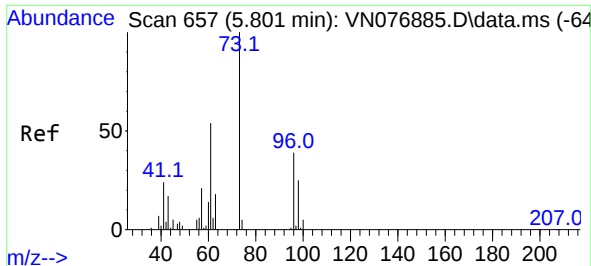


#18
 Methylene Chloride
 Concen: 17.835 ug/l
 RT: 5.289 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: VN076885.D
 Acq: 08 Mar 2023 18:47



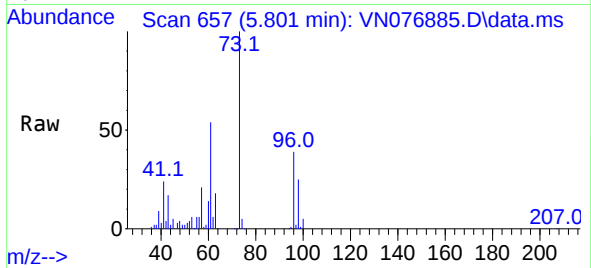
Tgt Ion: 84 Resp: 117593
 Ion Ratio Lower Upper
 84 100
 49 113.5 113.8 170.6#
 51 36.7 34.2 51.4
 86 60.1 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 18.152 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

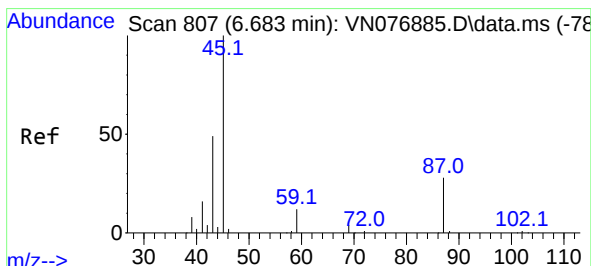
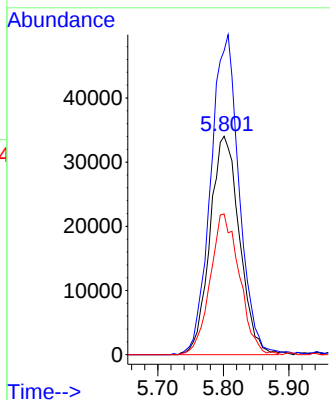
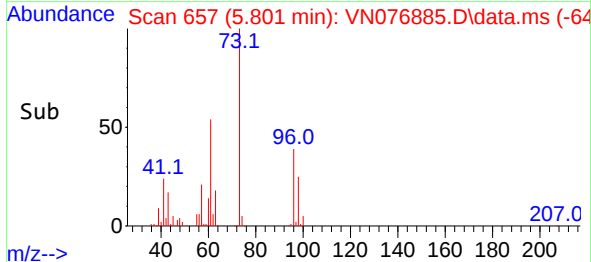
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



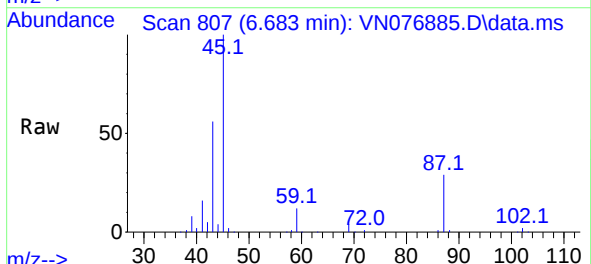
Tgt Ion: 96 Resp: 10651
Ion Ratio Lower Upper
96 100
61 139.2 111.0 166.4
98 64.5 55.0 82.6

Manual Integrations
APPROVED

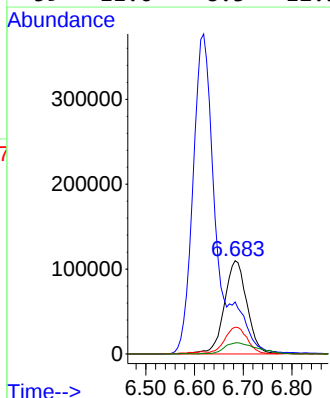
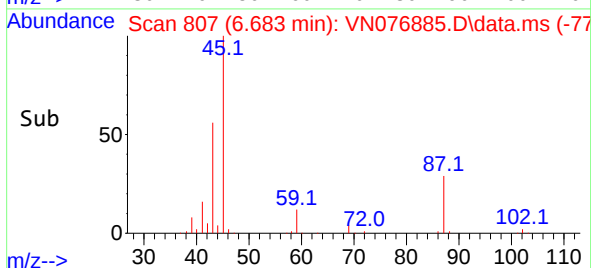
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

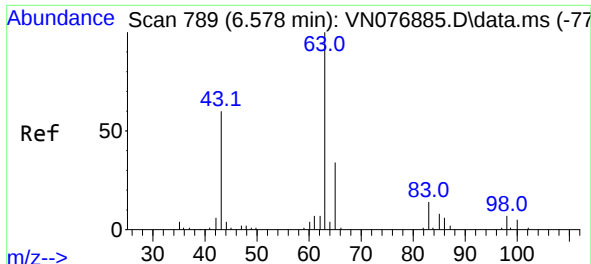


#20
Diisopropyl ether
Concen: 16.441 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



Tgt Ion: 45 Resp: 353591
Ion Ratio Lower Upper
45 100
43 53.7 38.6 58.0
87 28.5 20.1 30.1
59 11.6 8.3 12.5





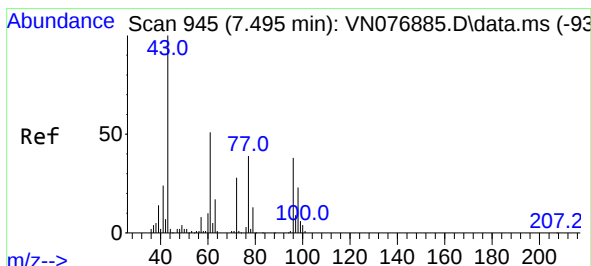
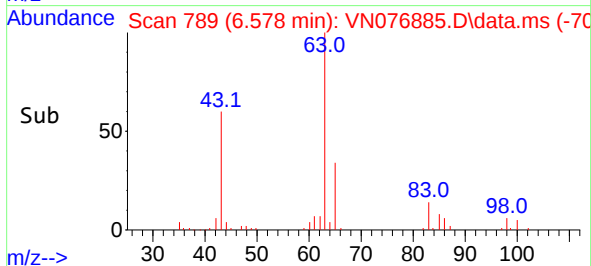
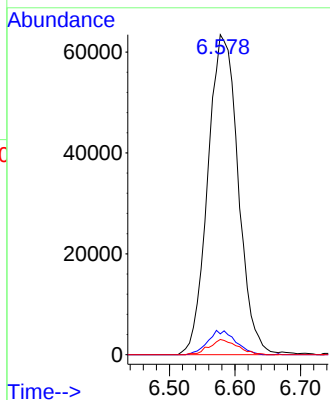
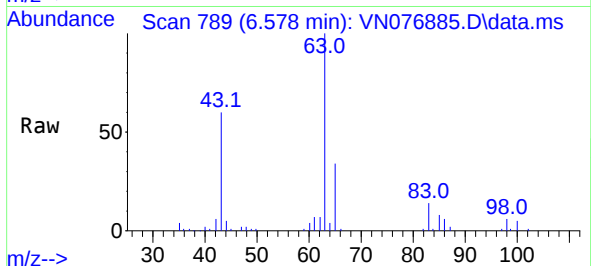
#21
1,1-Dichloroethane
Concen: 17.753 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 20384
Ion Ratio Lower Upper
63 100
98 7.1 3.6 10.9
100 4.8 2.6 7.8

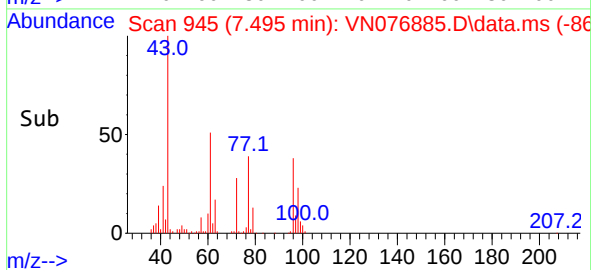
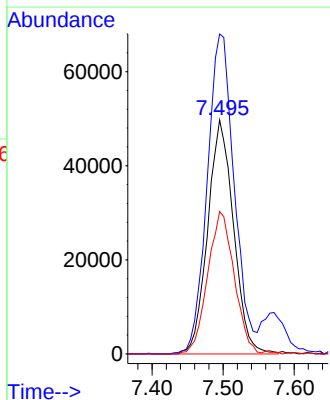
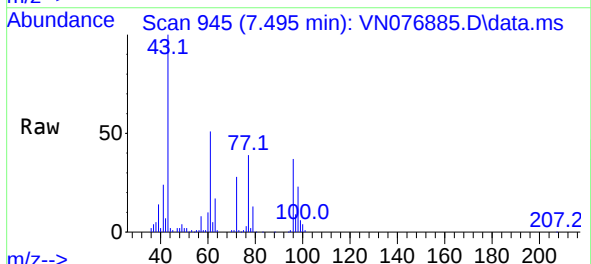
Manual Integrations
APPROVED

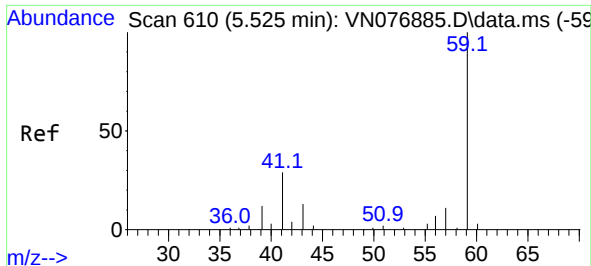
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#22
cis-1,2-Dichloroethene
Concen: 18.822 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

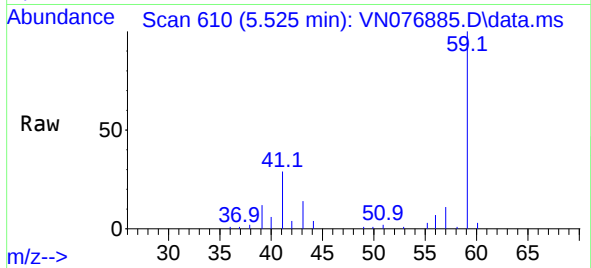
Tgt Ion: 96 Resp: 125743
Ion Ratio Lower Upper
96 100
61 143.3 121.0 181.4
98 62.4 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 86.564 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

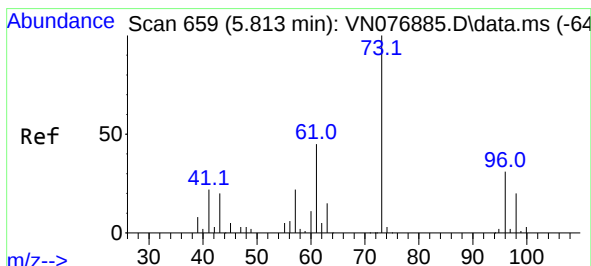
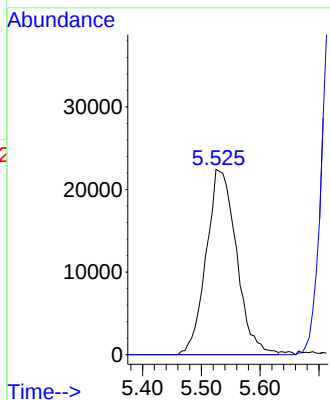
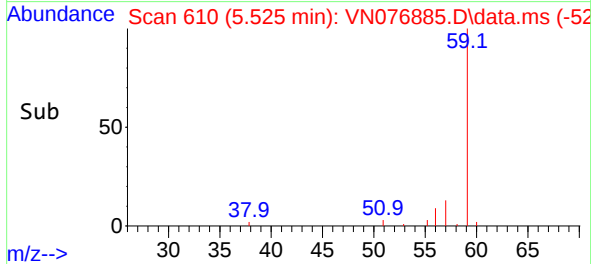
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



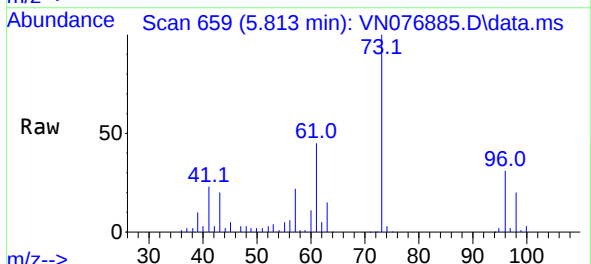
Tgt Ion: 59 Resp: 80139
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
APPROVED

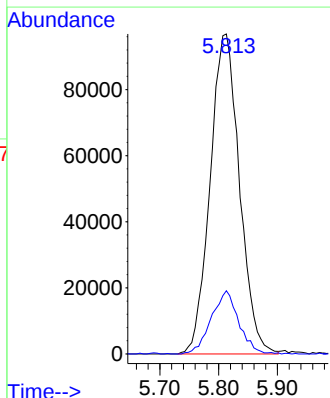
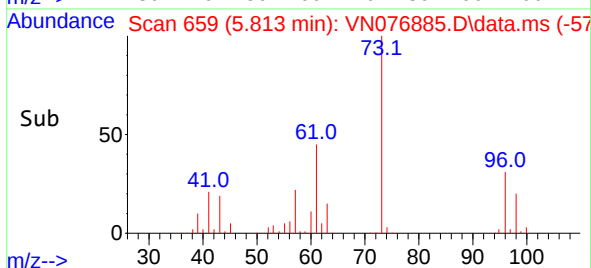
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

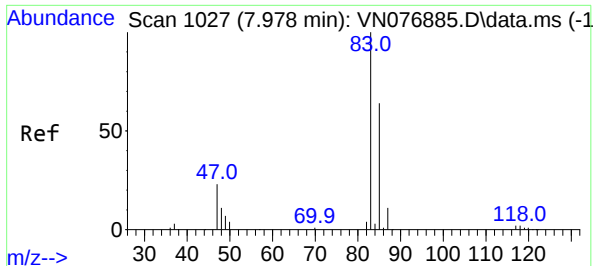


#24
Methyl tert-Butyl Ether
Concen: 18.521 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



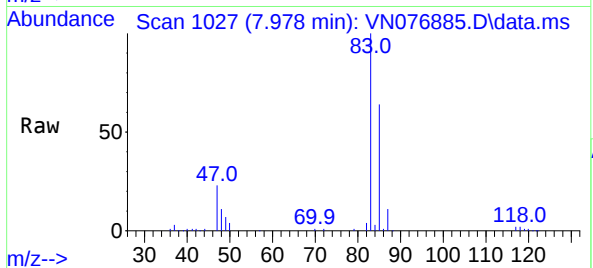
Tgt Ion: 73 Resp: 336162
Ion Ratio Lower Upper
73 100
43 18.4 17.8 26.6





#25
Chloroform
Concen: 18.449 ug/l
RT: 7.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

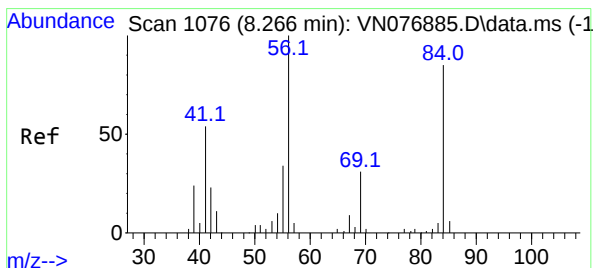
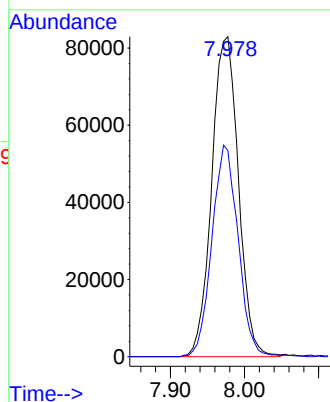
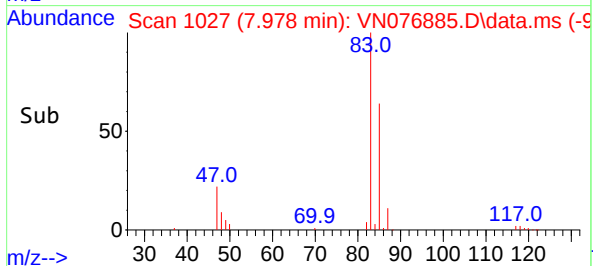
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 207772
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6

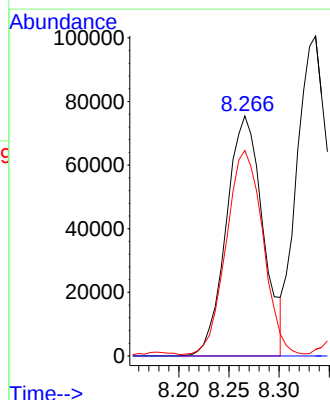
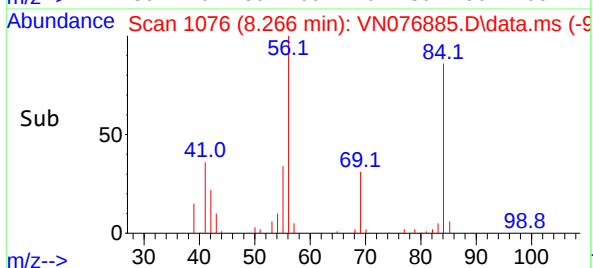
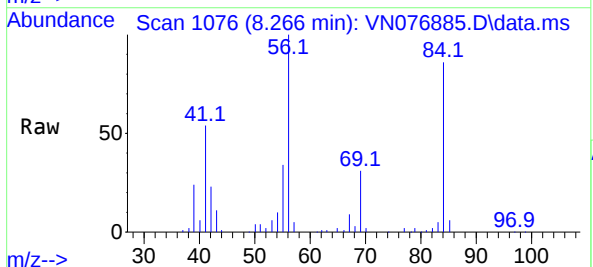
Manual Integrations
APPROVED

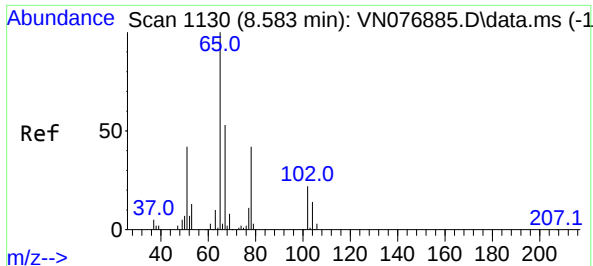
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#26
Cyclohexane
Concen: 18.541 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

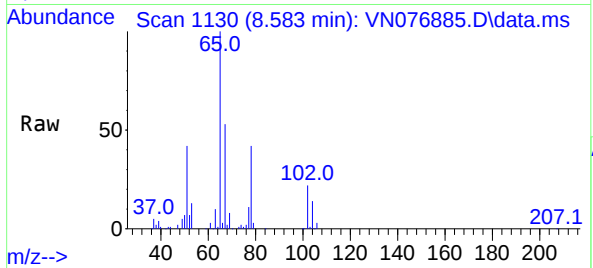
Tgt Ion: 56 Resp: 191675
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.7 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 30.492 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

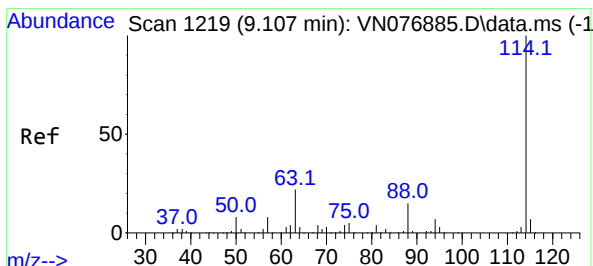
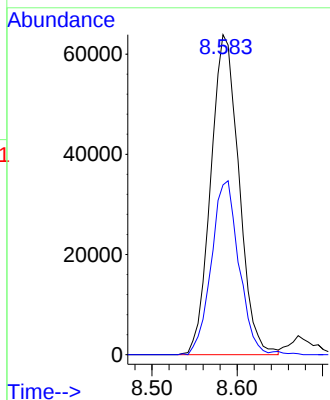
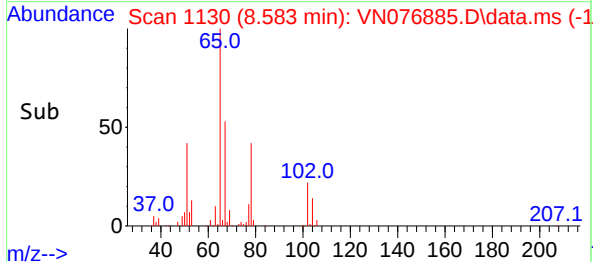
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



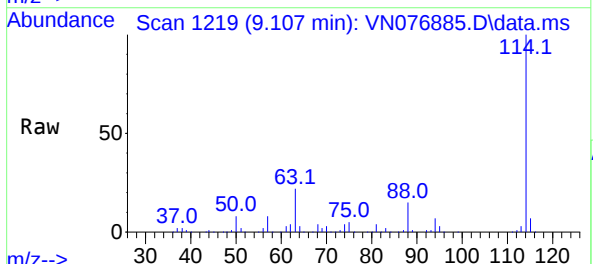
Tgt Ion: 65 Resp: 14675
Ion Ratio Lower Upper
65 100
67 52.9 40.9 61.3

Manual Integrations
APPROVED

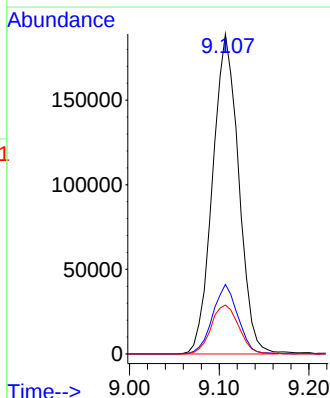
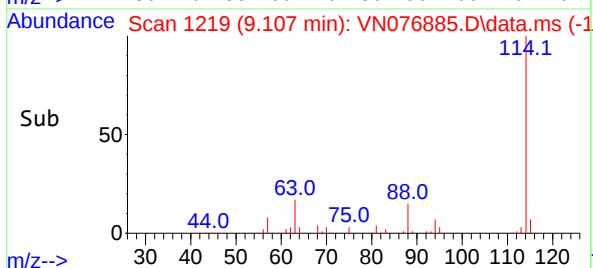
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

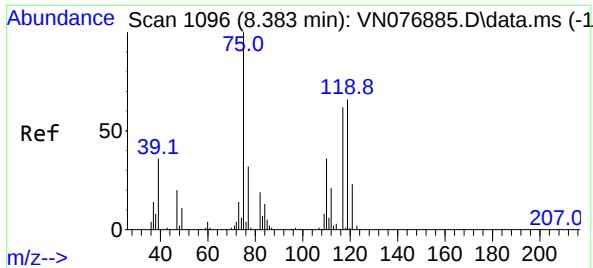


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



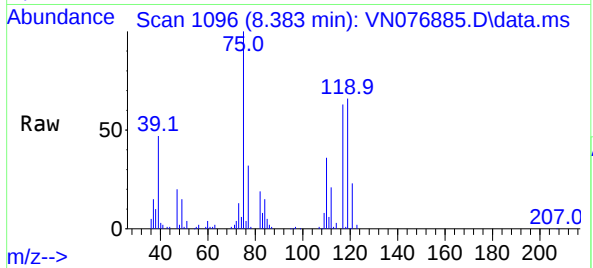
Tgt Ion:114 Resp: 381366
Ion Ratio Lower Upper
114 100
63 21.1 17.0 25.4
88 16.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 17.631 ug/l
RT: 8.383 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

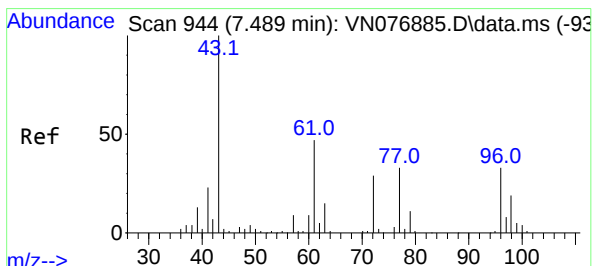
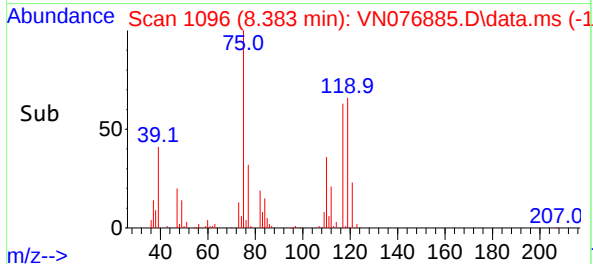
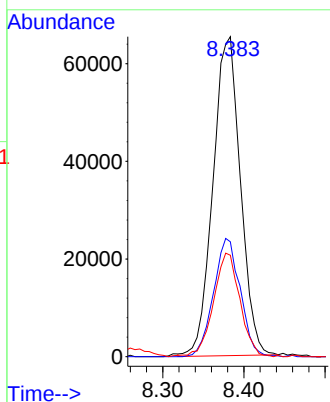
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 153568
Ion Ratio Lower Upper
75 100
110 35.9 0.0 67.2
77 31.2 0.0 64.4

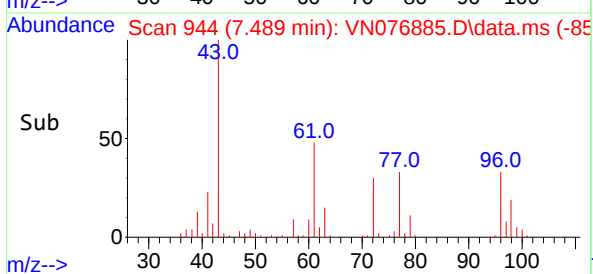
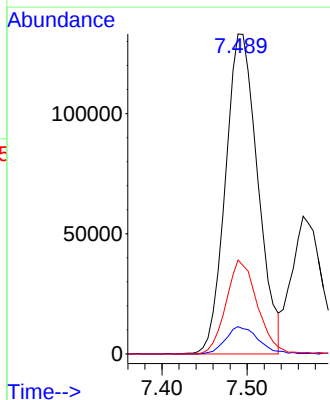
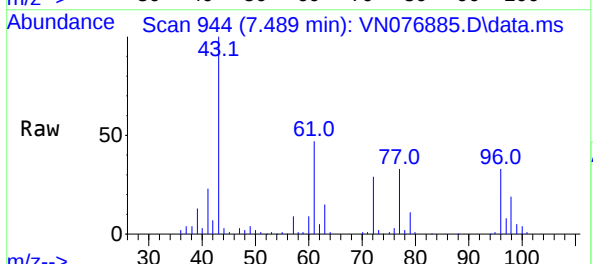
Manual Integrations
APPROVED

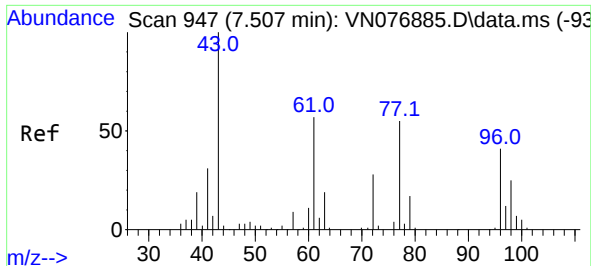
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#30
2-Butanone
Concen: 72.664 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion: 43 Resp: 351846
Ion Ratio Lower Upper
43 100
57 8.6 6.1 9.1
72 28.1 20.2 30.4





#31

2,2-Dichloropropane

Concen: 17.025 ug/l

RT: 7.507 min Scan# 947

Delta R.T. 0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 154428

Ion Ratio Lower Upper

77 100

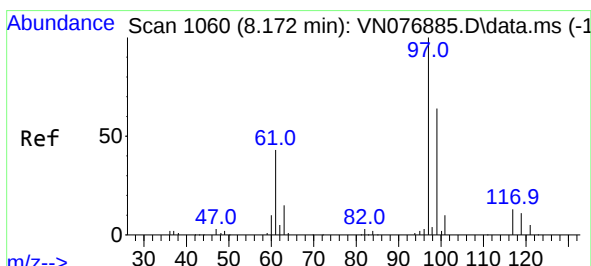
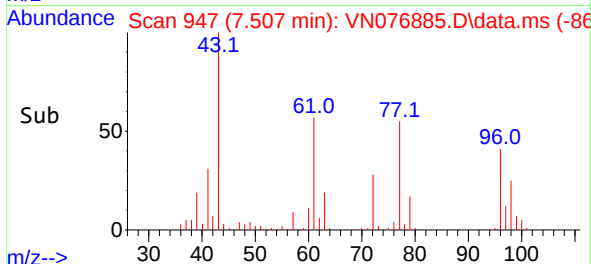
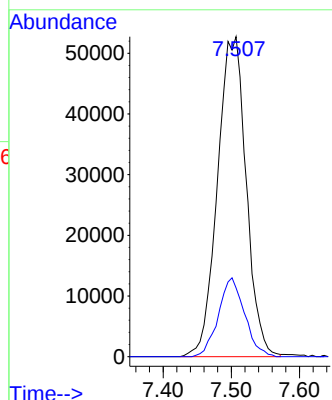
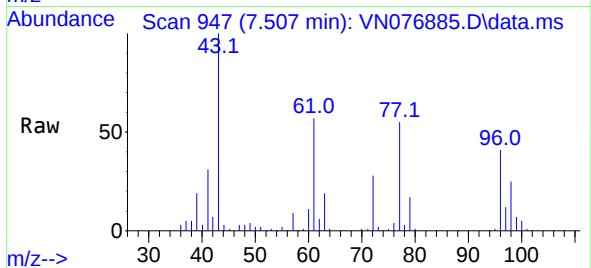
97 22.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#32

1,1,1-Trichloroethane

Concen: 17.870 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

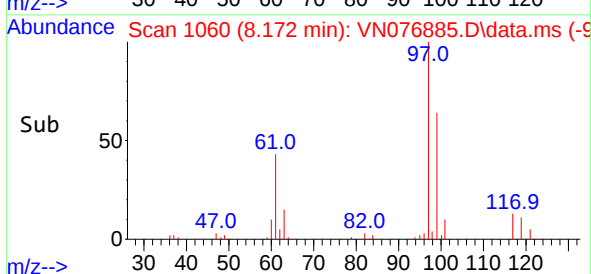
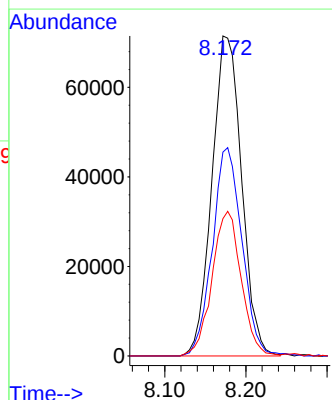
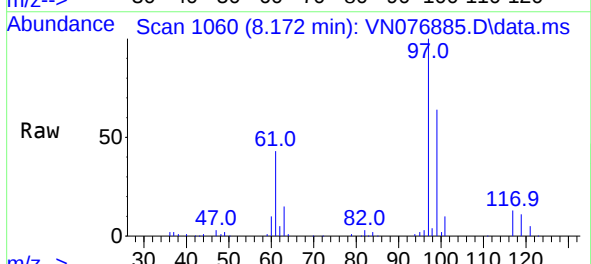
Tgt Ion: 97 Resp: 181533

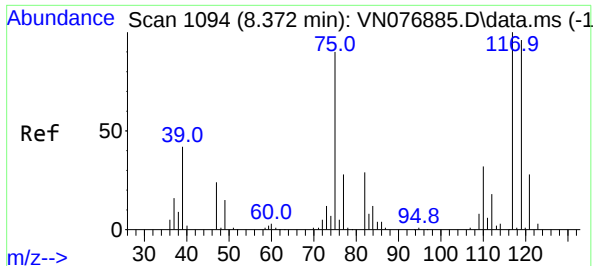
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

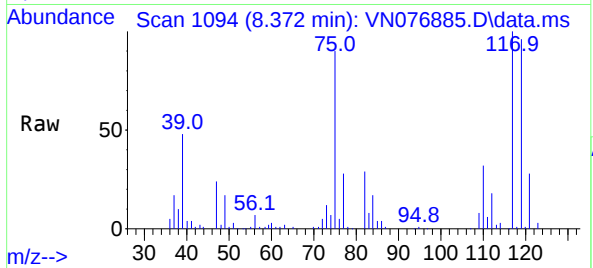
61 44.3 39.3 58.9





#33
Carbon Tetrachloride
Concen: 17.912 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

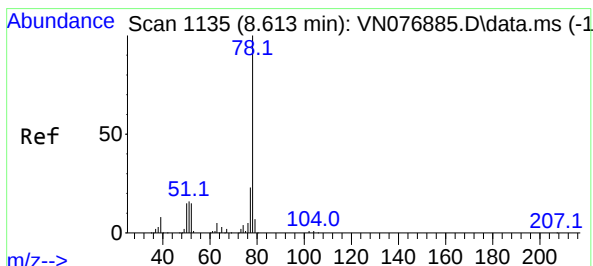
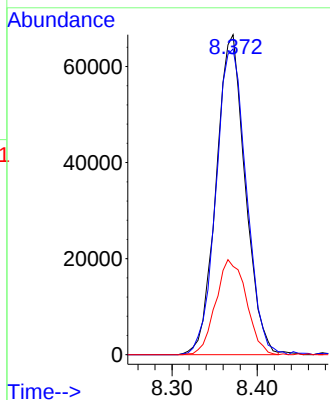
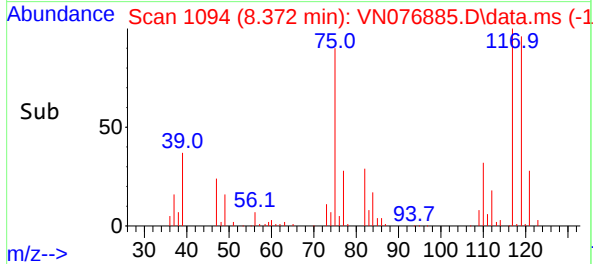
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



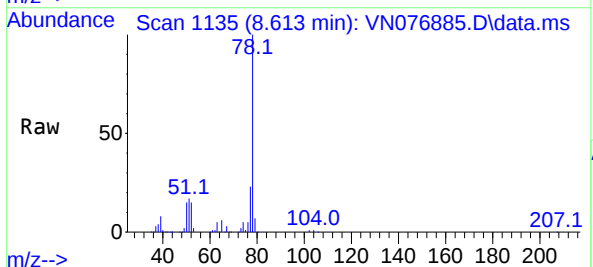
Tgt Ion:117 Resp: 158139
Ion Ratio Lower Upper
117 100
119 95.5 79.8 119.8
121 27.6 23.4 35.0

Manual Integrations
APPROVED

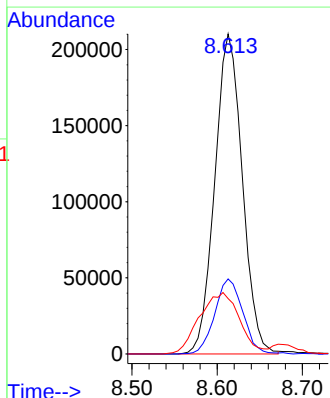
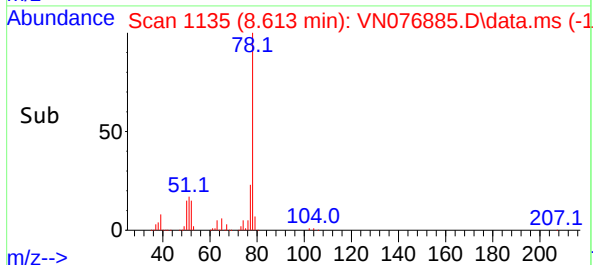
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

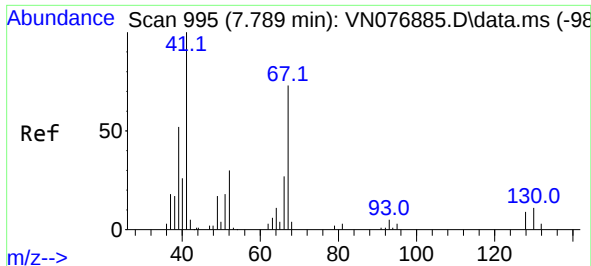


#34
Benzene
Concen: 17.031 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



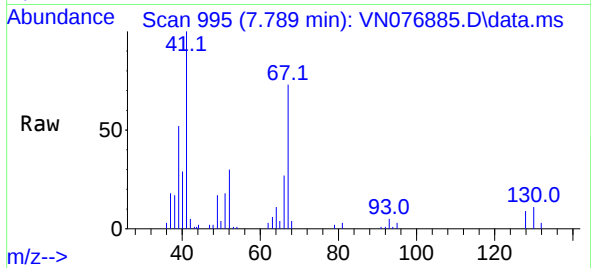
Tgt Ion: 78 Resp: 471829
Ion Ratio Lower Upper
78 100
77 23.5 17.4 26.2
51 16.3 13.8 20.6





#35
Methacrylonitrile
Concen: 14.426 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

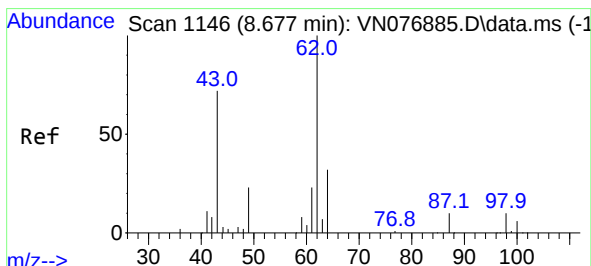
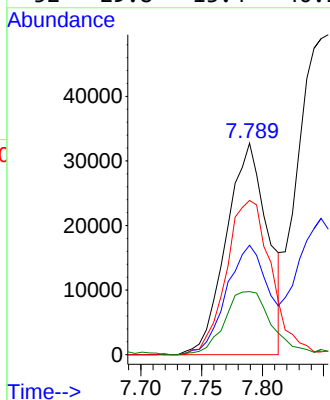
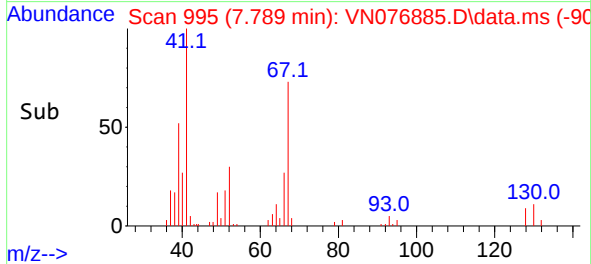
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



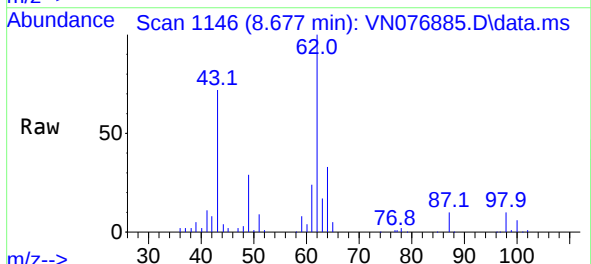
Tgt Ion: 41 Resp: 77523
Ion Ratio Lower Upper
41 100
39 51.8 26.6 79.7
67 72.9 32.3 96.9
52 29.8 13.4 40.1

Manual Integrations
APPROVED

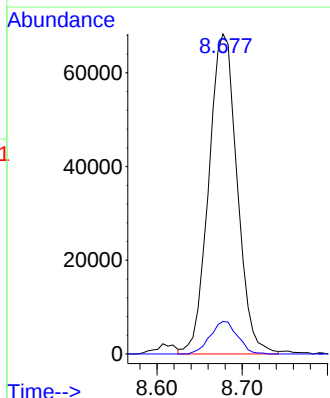
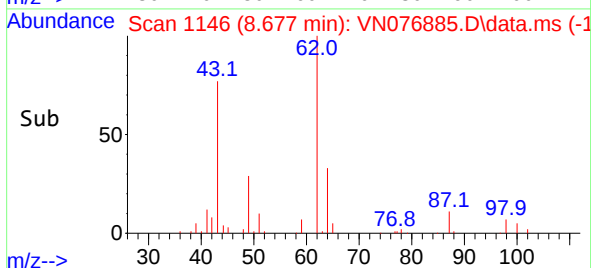
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

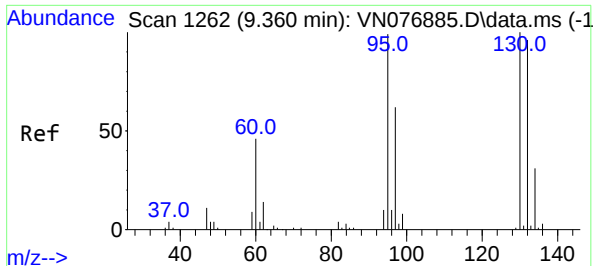


#36
1,2-Dichloroethane
Concen: 17.044 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



Tgt Ion: 62 Resp: 158132
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0





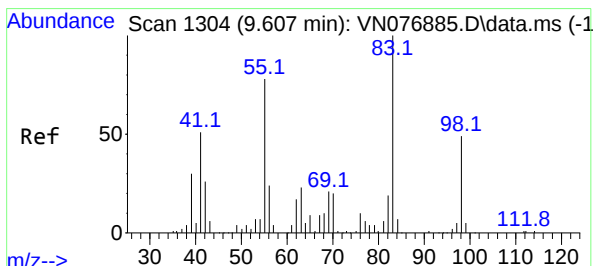
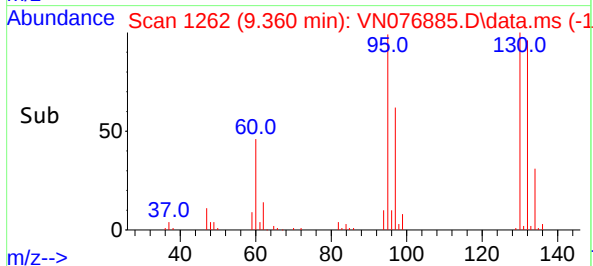
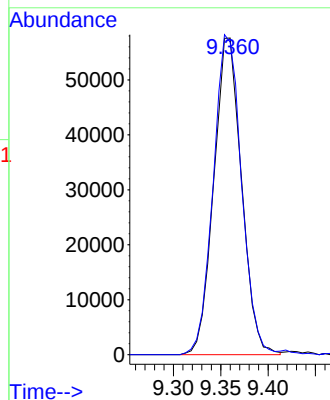
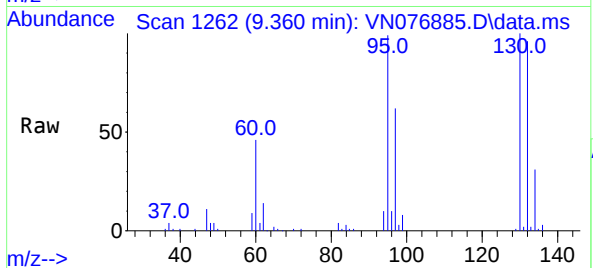
#37
Trichloroethene
Concen: 18.015 ug/l
RT: 9.360 min Scan# 11726
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:130 Resp: 11726
Ion Ratio Lower Upper
130 100
95 98.7 78.7 118.1

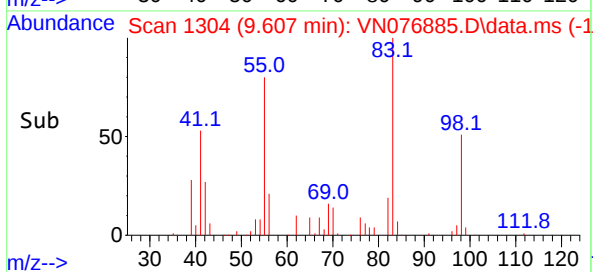
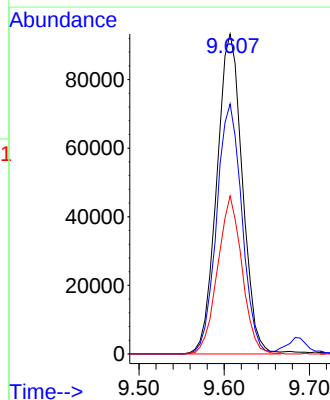
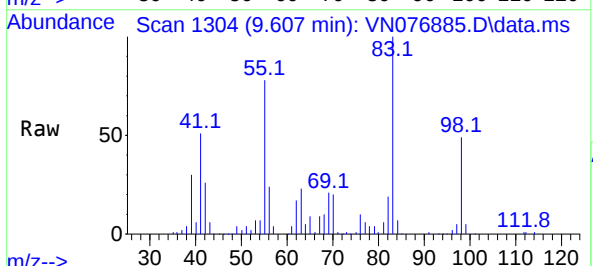
Manual Integrations
APPROVED

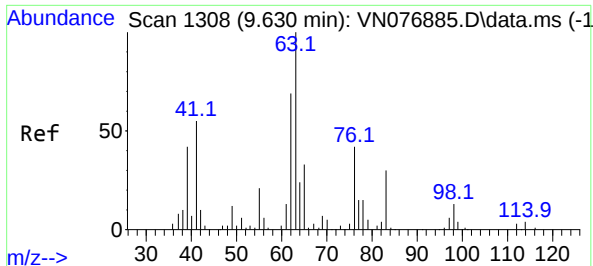
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#38
Methylcyclohexane
Concen: 17.571 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

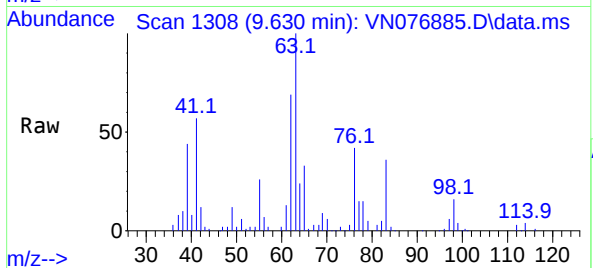
Tgt Ion: 83 Resp: 194065
Ion Ratio Lower Upper
83 100
55 77.3 37.6 112.9
98 47.1 24.1 72.4





#39
1,2-Dichloropropane
Concen: 17.369 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

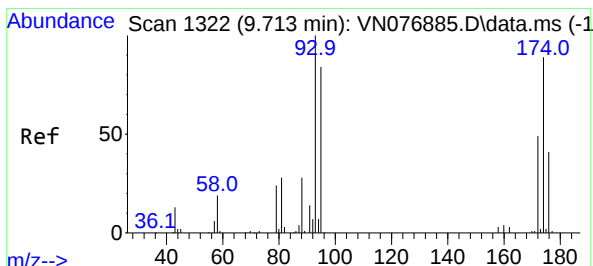
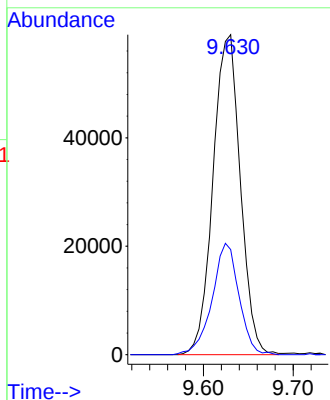
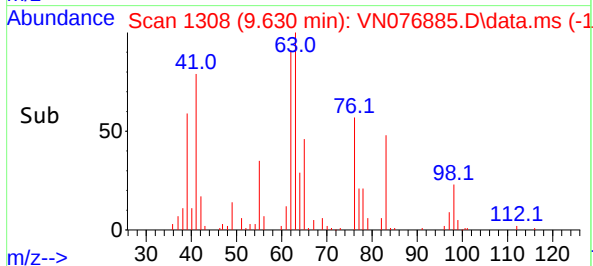
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 124654
Ion Ratio Lower Upper
63 100
65 32.9 27.2 40.8

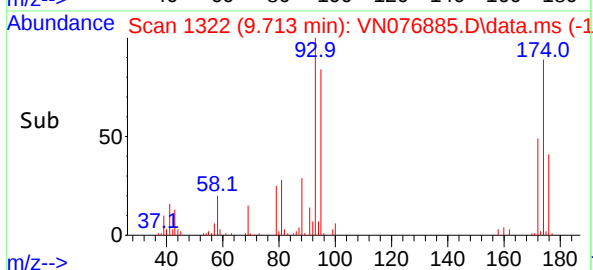
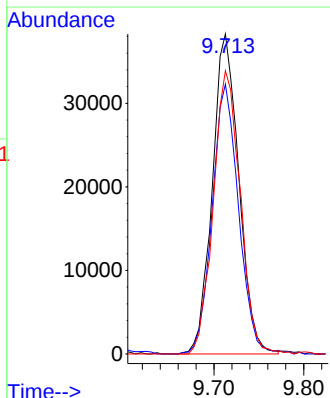
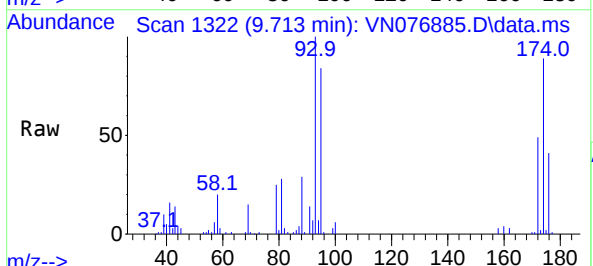
Manual Integrations
APPROVED

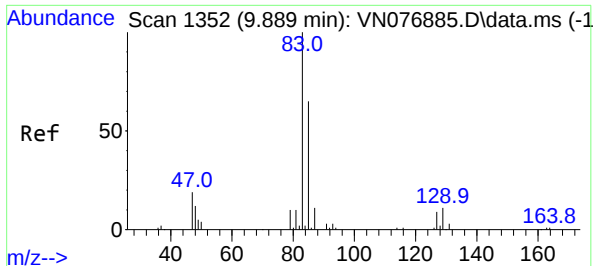
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#40
Dibromomethane
Concen: 17.163 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

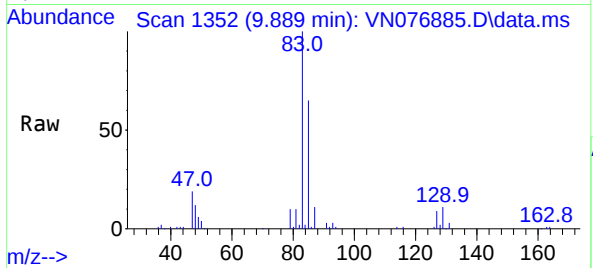
Tgt Ion: 93 Resp: 78488
Ion Ratio Lower Upper
93 100
95 84.2 0.0 158.0
174 89.9 0.0 171.2





#41
Bromodichloromethane
Concen: 17.423 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

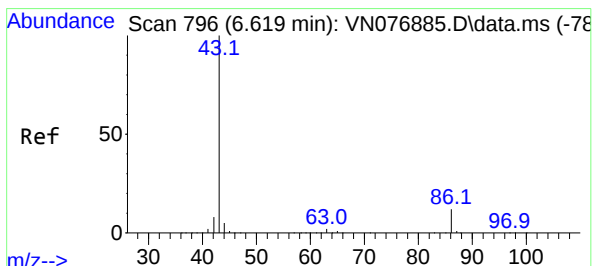
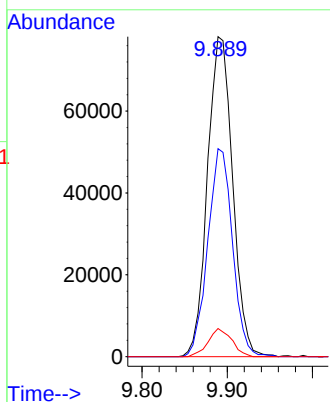
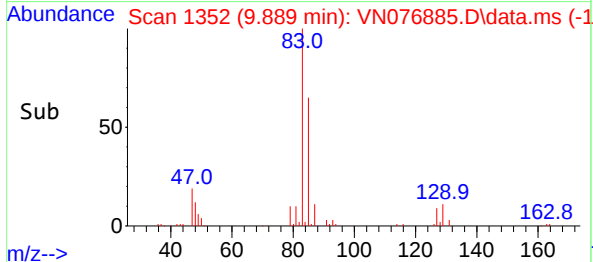
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



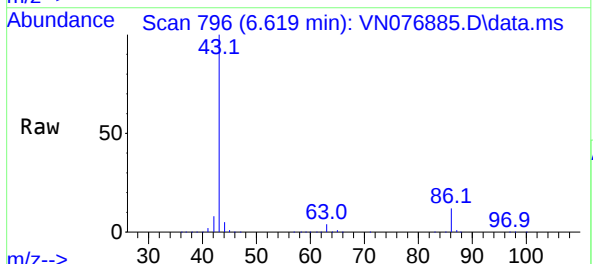
Tgt Ion: 83 Resp: 160359
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.4
127 8.8 6.2 9.2

Manual Integrations
APPROVED

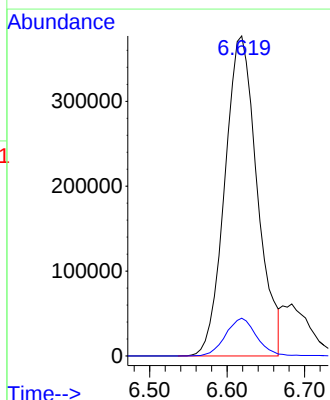
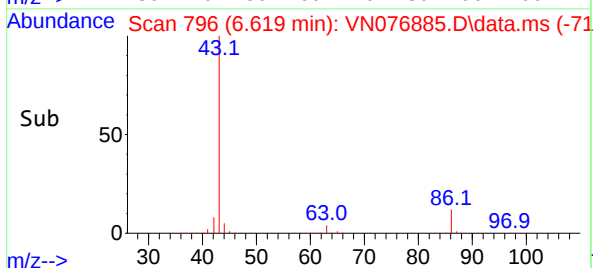
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

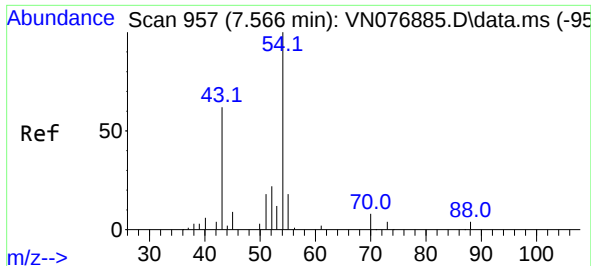


#42
Vinyl Acetate
Concen: 76.709 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



Tgt Ion: 43 Resp: 1098072
Ion Ratio Lower Upper
43 100
86 11.2 7.8 11.6





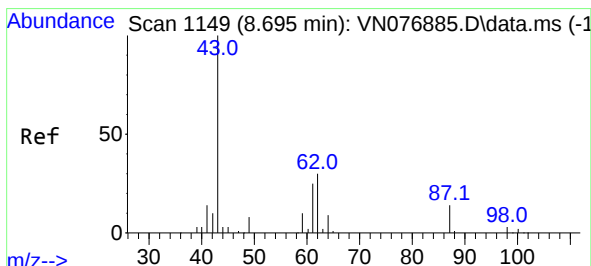
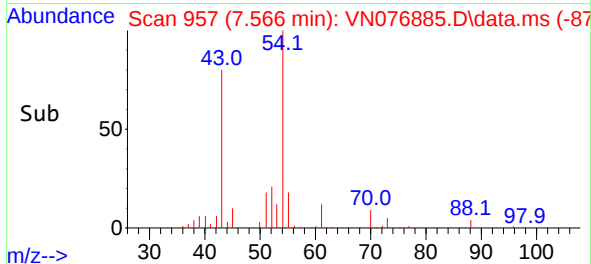
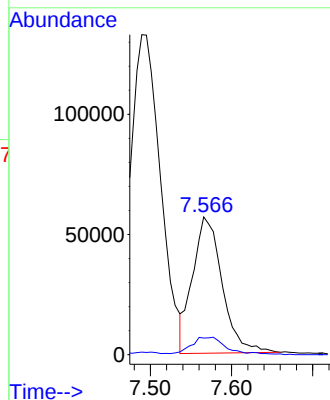
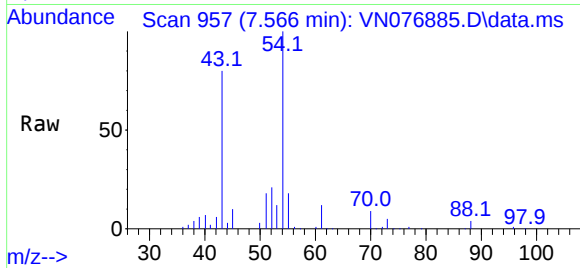
#43
Ethyl Acetate
Concen: 15.366 ug/l
RT: 7.566 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 143420
Ion Ratio Lower Upper
43 100
45 5.7 11.2 16.8

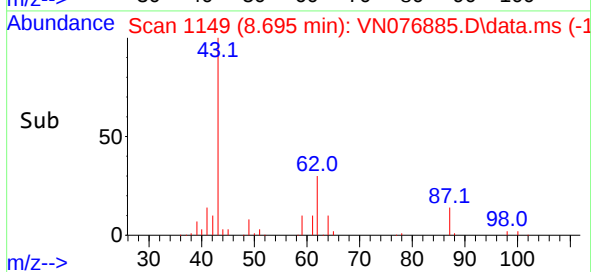
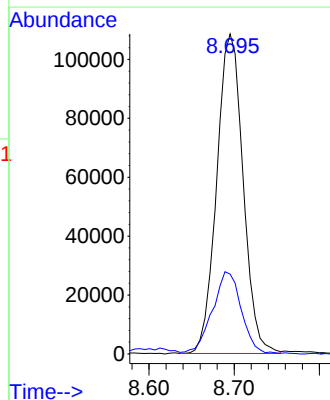
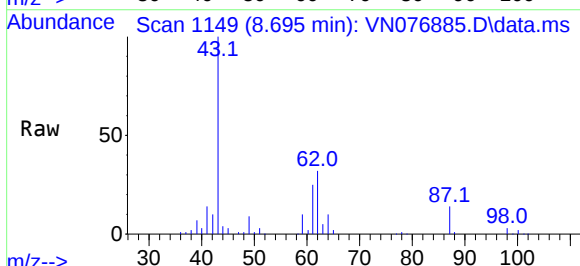
Manual Integrations
APPROVED

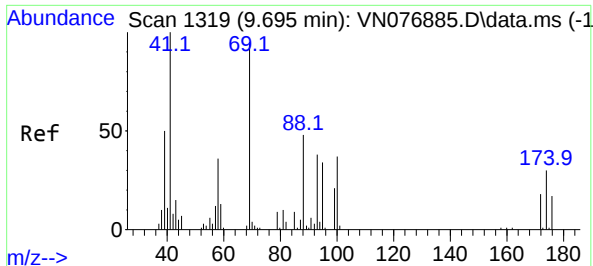
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#44
Isopropyl Acetate
Concen: 15.096 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

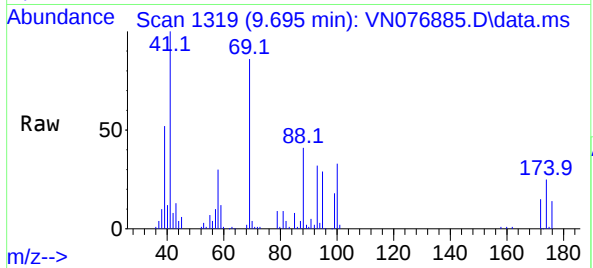
Tgt Ion: 43 Resp: 233244
Ion Ratio Lower Upper
43 100
61 27.7 19.5 29.3





#45
1,4-Dioxane
Concen: 304.460 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

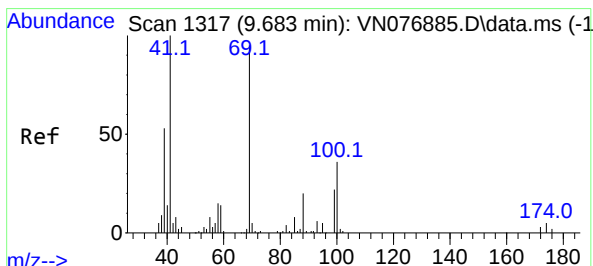
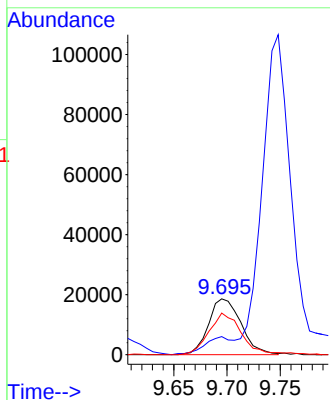
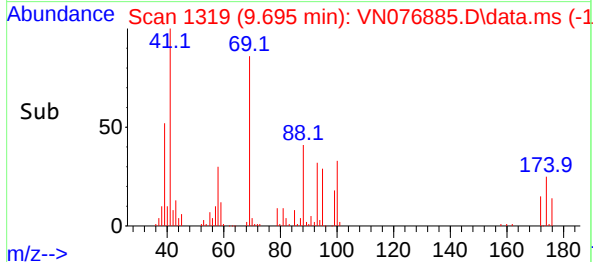
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



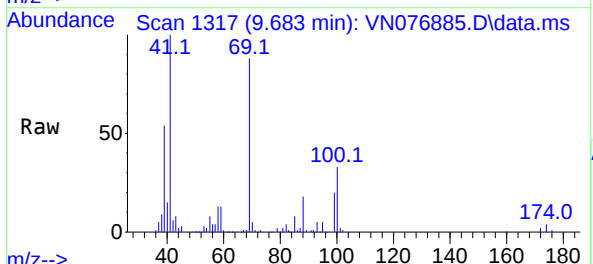
Tgt Ion: 88 Resp: 39518
Ion Ratio Lower Upper
88 100
43 28.2 26.0 39.0
58 75.6 54.3 81.5

Manual Integrations
APPROVED

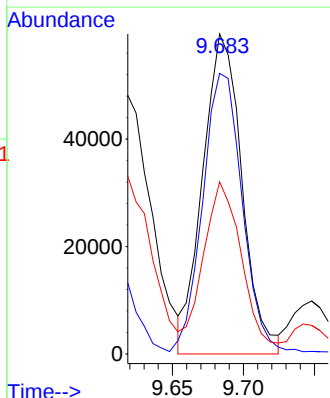
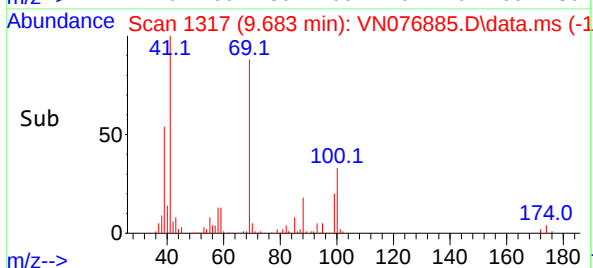
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

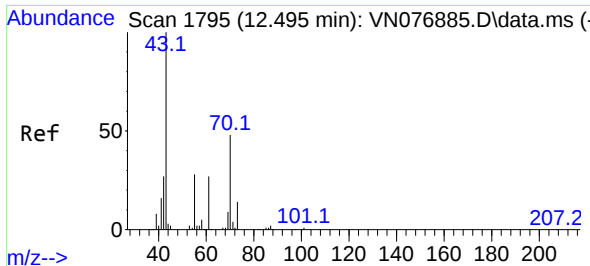


#46
Methyl methacrylate
Concen: 16.069 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



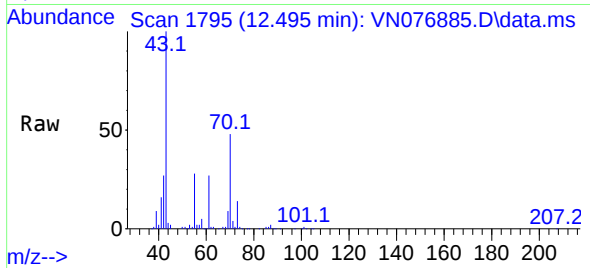
Tgt Ion: 41 Resp: 114458
Ion Ratio Lower Upper
41 100
69 90.8 40.6 121.7
39 53.5 30.5 91.5





#47
n-amy1 Acetate
Concen: 13.720 ug/l m
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

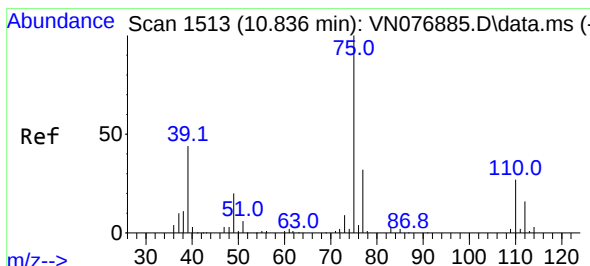
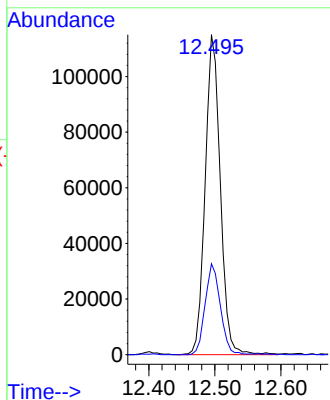
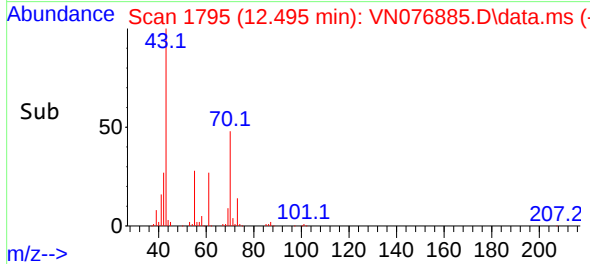
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 183372
Ion Ratio Lower Upper
43 100
55 0.0 18.3 27.5

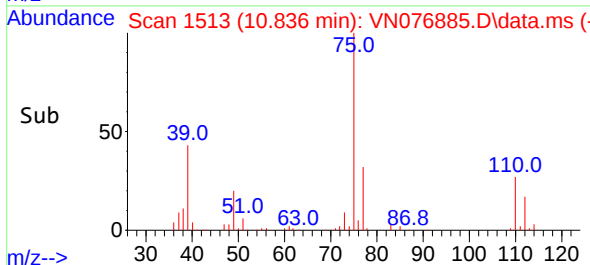
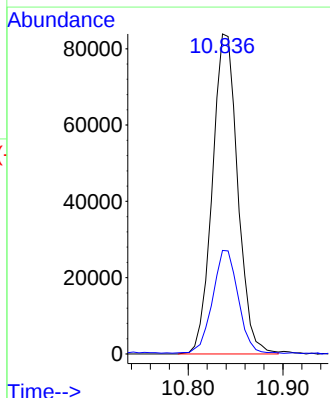
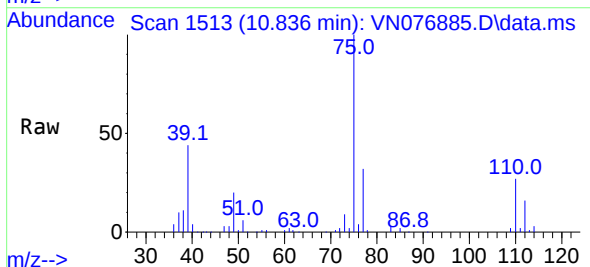
Manual Integrations
APPROVED

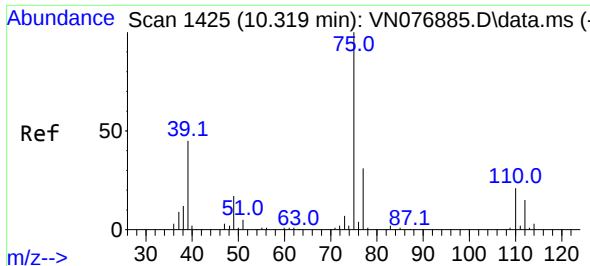
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#48
t-1,3-Dichloropropene
Concen: 16.799 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion: 75 Resp: 156046
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 16.920 ug/l

RT: 10.319 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 180299

Ion Ratio Lower Upper

75 100

77 31.4 27.5 41.3

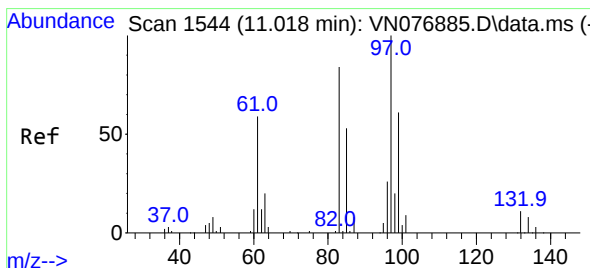
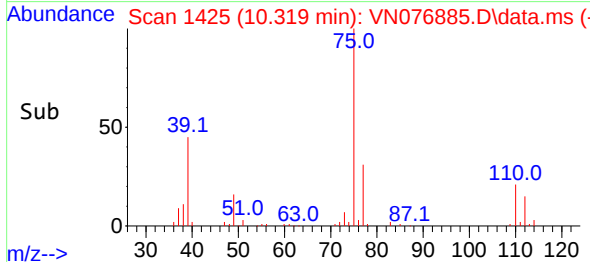
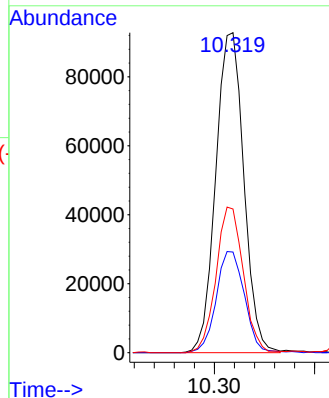
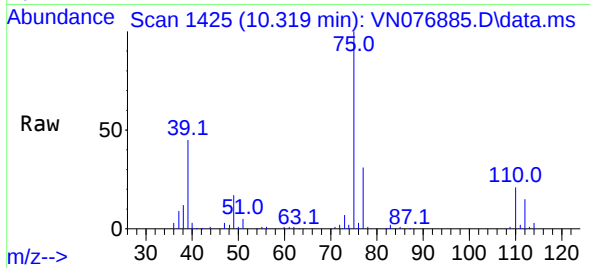
39 44.9 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#50

1,1,2-Trichloroethane

Concen: 16.779 ug/l

RT: 11.018 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Tgt Ion: 97 Resp: 111617

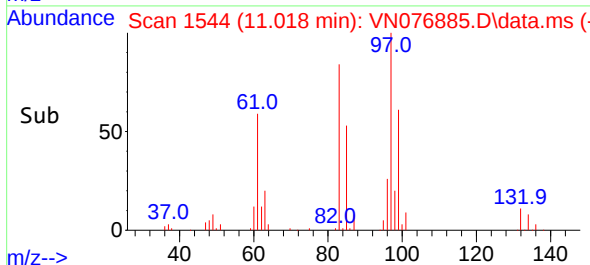
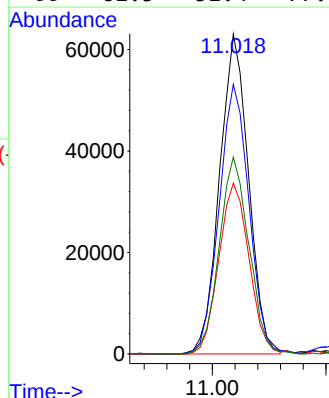
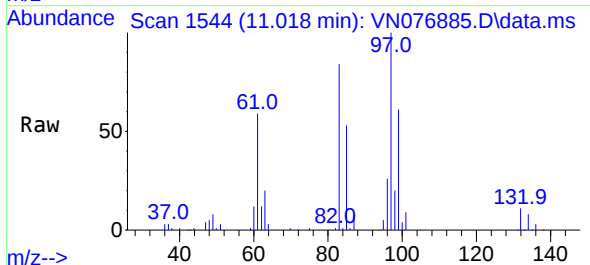
Ion Ratio Lower Upper

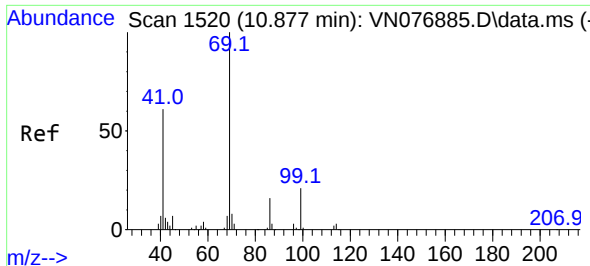
97 100

83 84.2 71.0 106.4

85 53.4 45.5 68.3

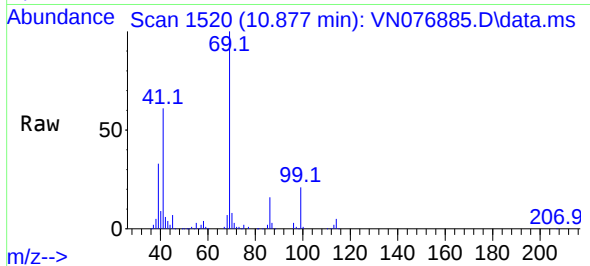
99 61.5 51.4 77.2





#51
Ethyl methacrylate
Concen: 17.412 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

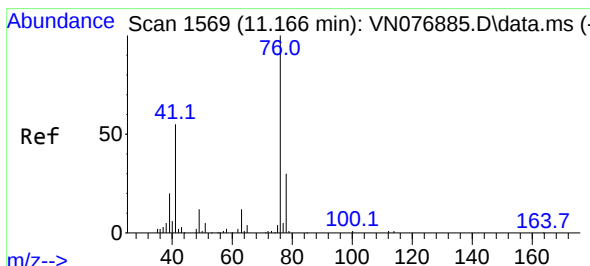
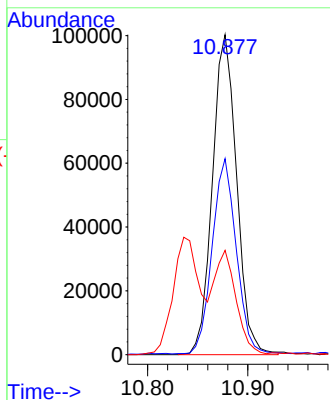
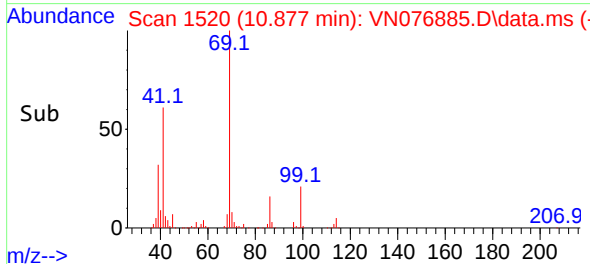
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 168370
Ion Ratio Lower Upper
69 100
41 60.9 36.3 108.7
39 32.1 19.9 59.7

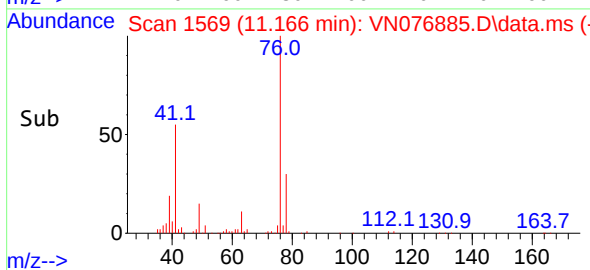
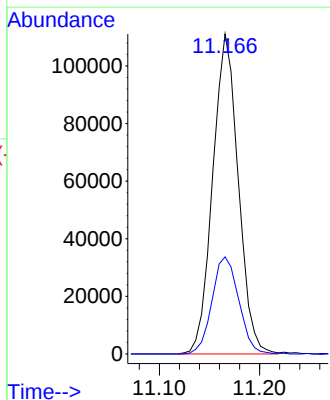
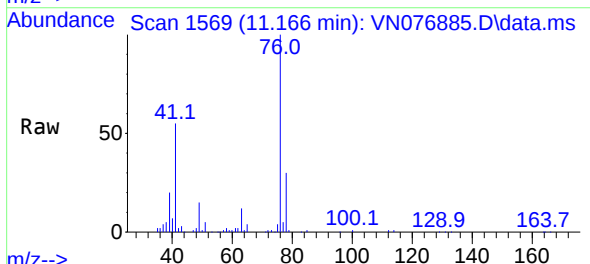
Manual Integrations
APPROVED

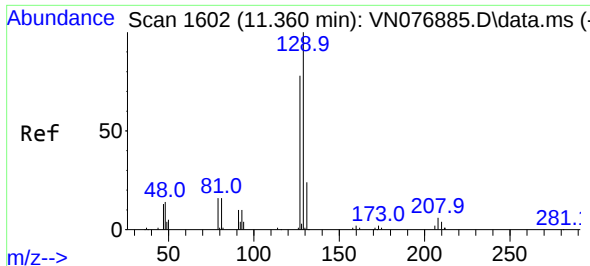
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#52
1,3-Dichloropropane
Concen: 17.180 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

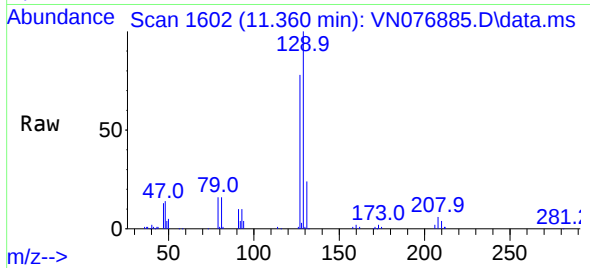
Tgt Ion: 76 Resp: 196524
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.4





#53
Dibromochloromethane
Concen: 16.994 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

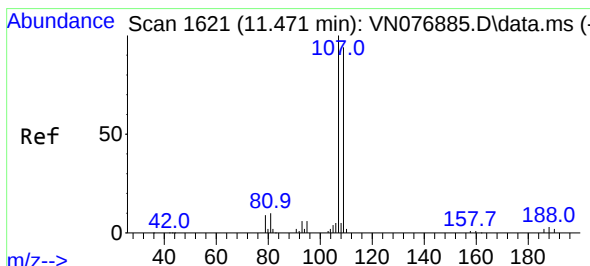
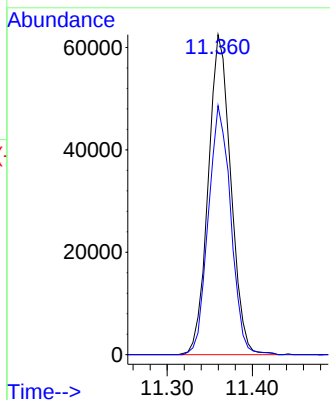
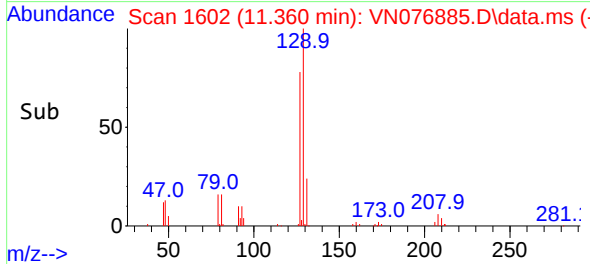
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



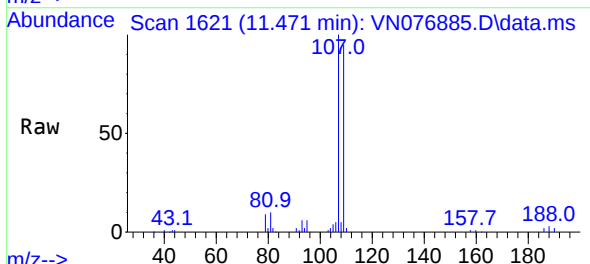
Tgt Ion:129 Resp: 115179
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.1

Manual Integrations
APPROVED

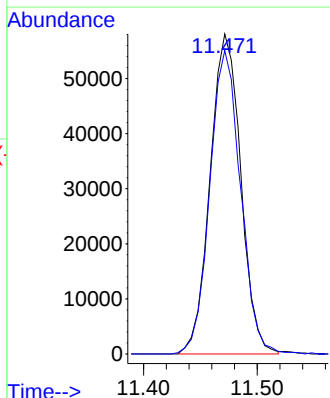
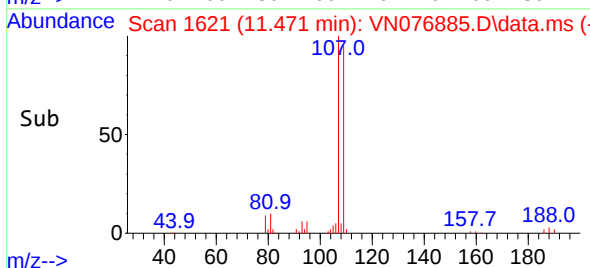
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

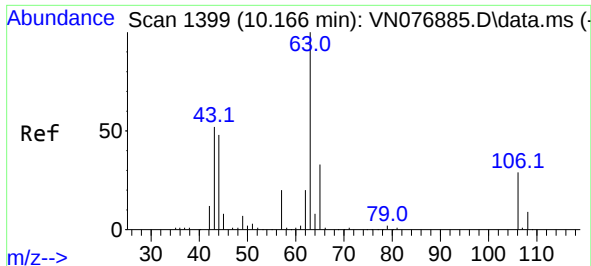


#54
1,2-Dibromoethane
Concen: 16.922 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



Tgt Ion:107 Resp: 108921
Ion Ratio Lower Upper
107 100
109 94.9 74.6 112.0





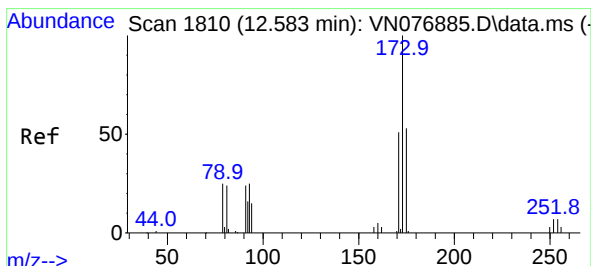
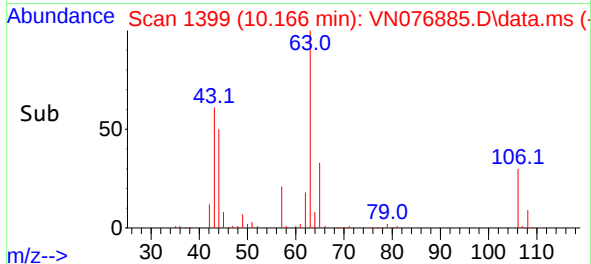
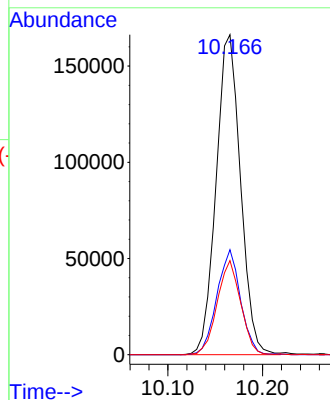
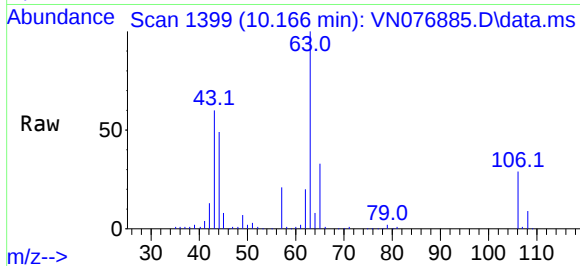
#55
2-Chloroethyl vinyl ether
Concen: 72.197 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 297999
Ion Ratio Lower Upper
63 100
65 31.8 26.3 39.5
106 28.3 21.6 32.4

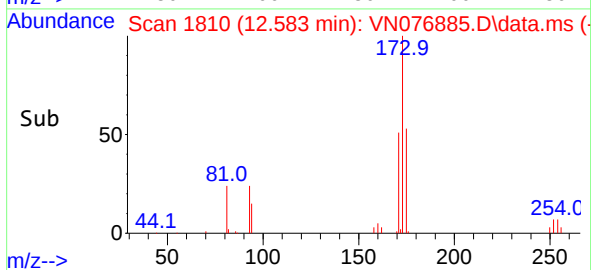
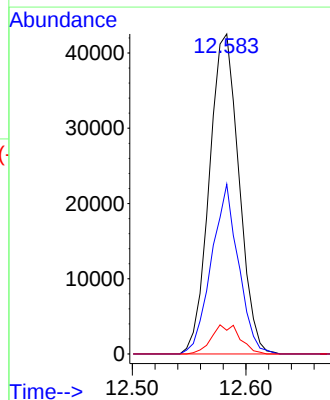
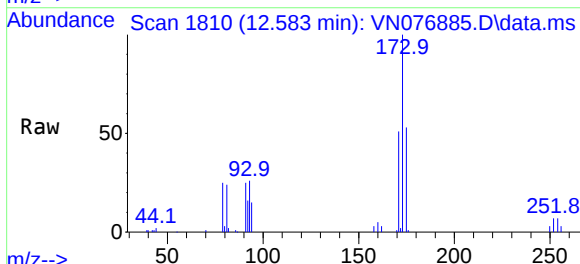
Manual Integrations
APPROVED

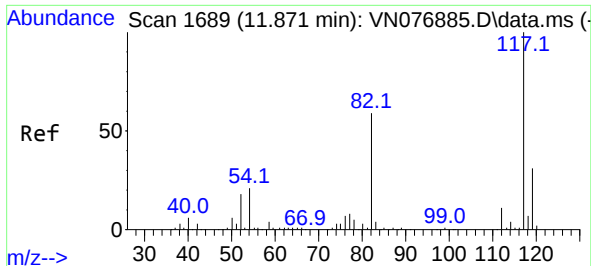
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#56
Bromoform
Concen: 16.646 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

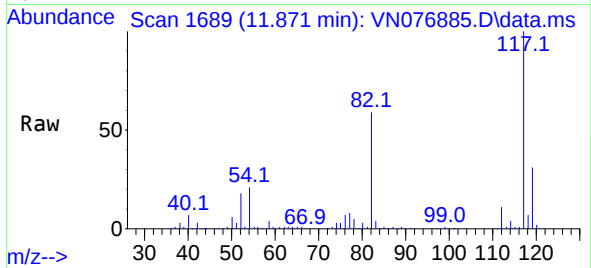
Tgt Ion:173 Resp: 77041
Ion Ratio Lower Upper
173 100
175 48.6 37.8 56.6
254 8.8 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

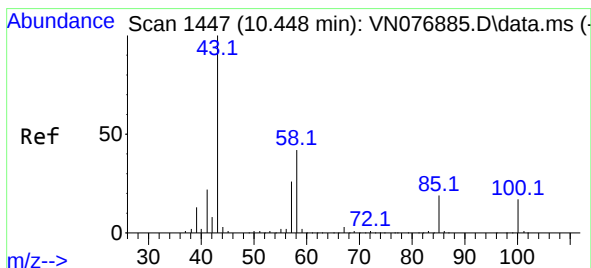
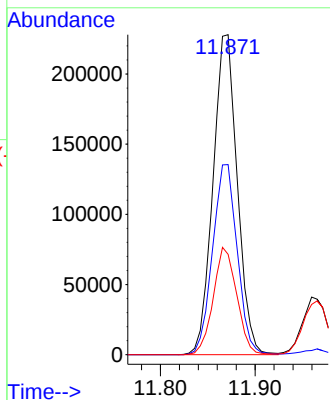
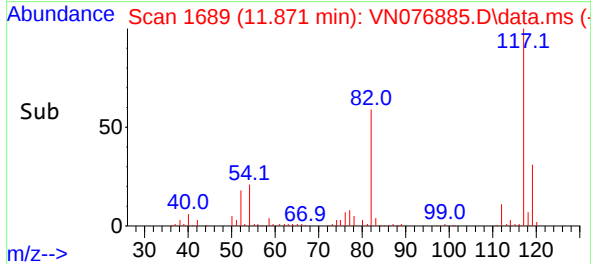
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



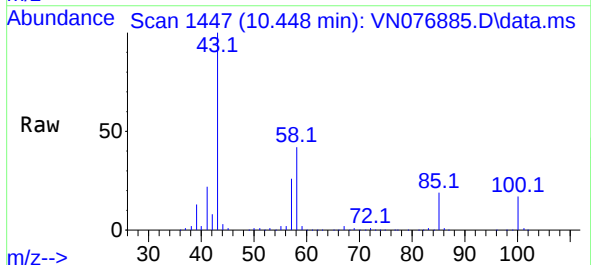
Tgt Ion: 117 Resp: 40742
Ion Ratio Lower Upper
117 100
82 60.2 45.4 68.0
119 32.4 26.8 40.2

Manual Integrations
APPROVED

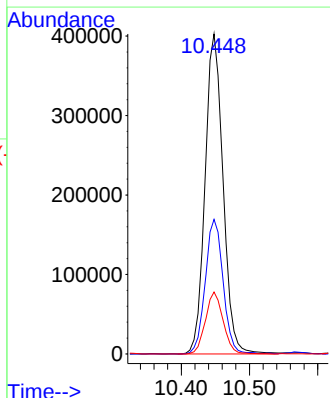
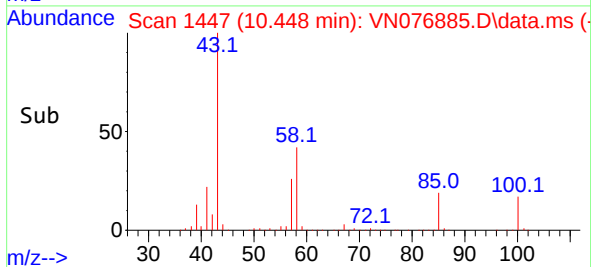
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

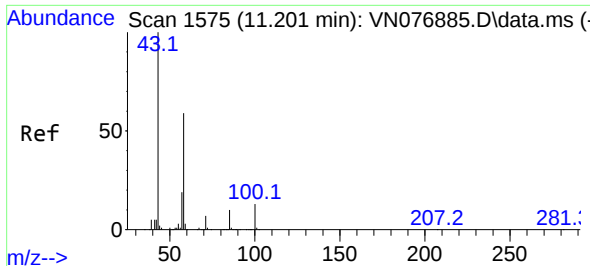


#58
4-Methyl-2-Pentanone
Concen: 78.835 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



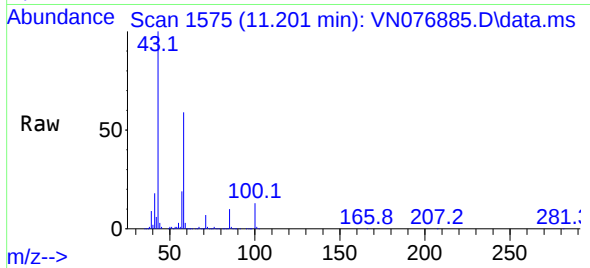
Tgt Ion: 43 Resp: 740195
Ion Ratio Lower Upper
43 100
58 41.7 28.6 42.8
85 19.0 11.8 17.8#





#59
2-Hexanone
Concen: 76.230 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

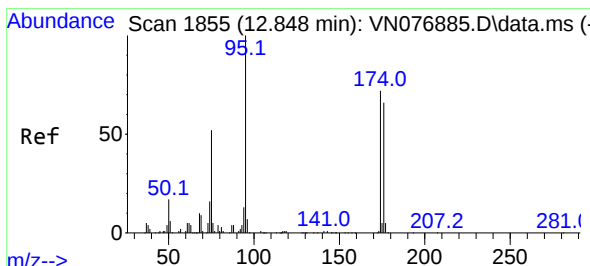
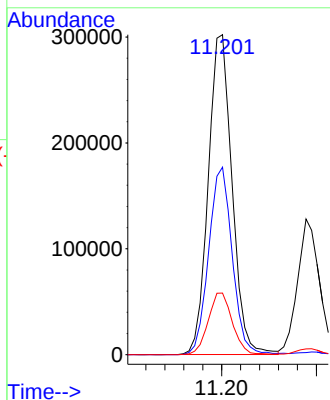
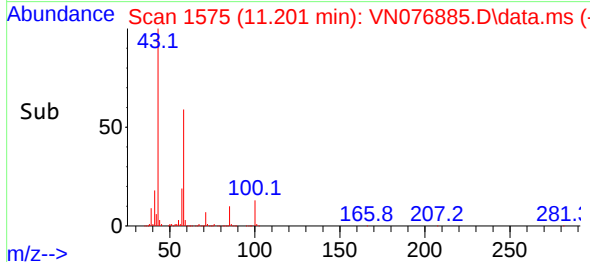
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



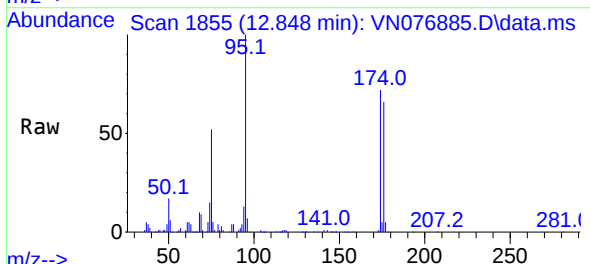
Tgt Ion: 43 Resp: 52740
Ion Ratio Lower Upper
43 100
58 57.9 40.6 60.8
57 19.6 13.1 19.7

Manual Integrations
APPROVED

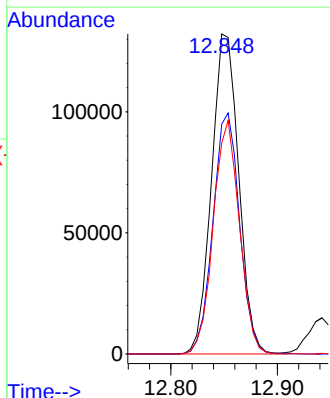
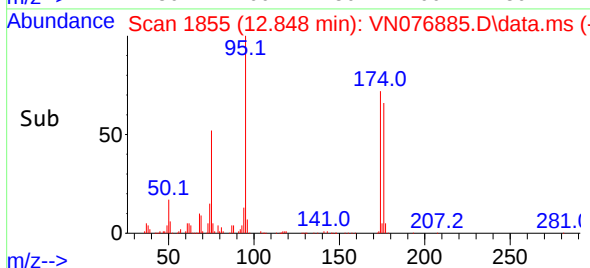
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

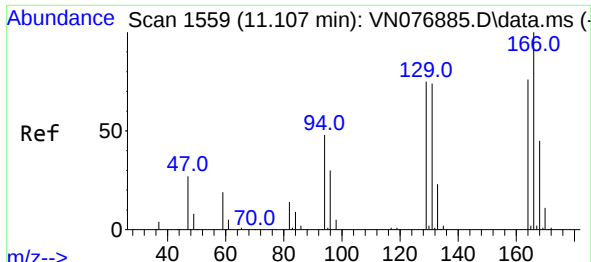


#60
4-Bromofluorobenzene
Concen: 32.119 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



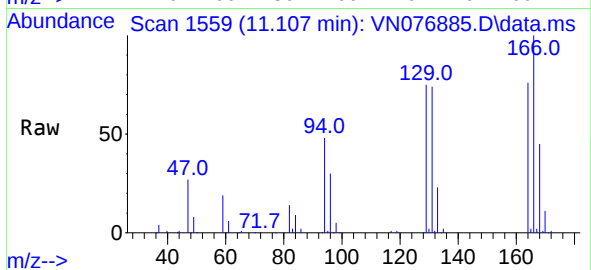
Tgt Ion: 95 Resp: 233652
Ion Ratio Lower Upper
95 100
174 73.9 64.2 96.4
176 70.2 61.4 92.0





#61
Tetrachloroethene
Concen: 21.168 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

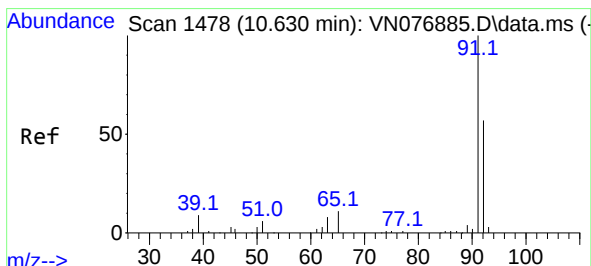
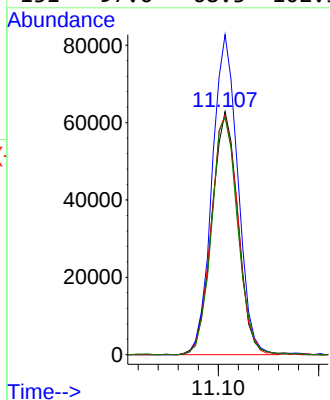
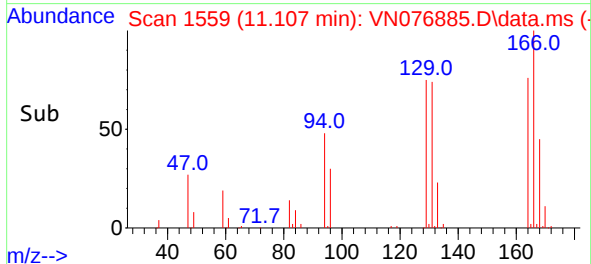
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



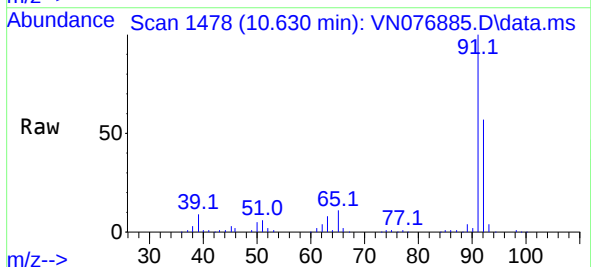
Tgt Ion:164 Resp: 114268
Ion Ratio Lower Upper
164 100
166 131.7 96.2 144.2
129 98.5 78.2 117.4
131 97.6 68.3 102.5

Manual Integrations
APPROVED

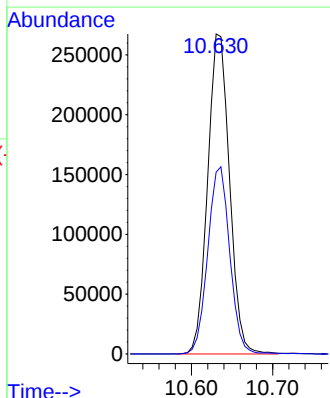
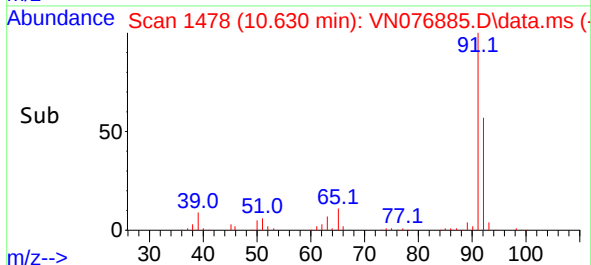
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

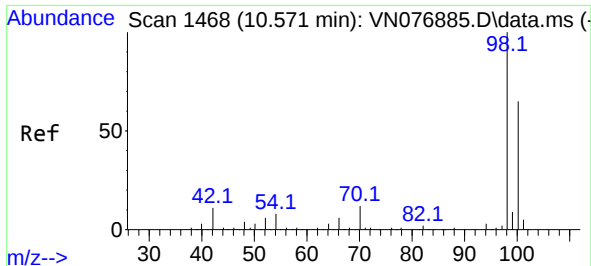


#62
Toluene
Concen: 17.625 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



Tgt Ion: 91 Resp: 500143
Ion Ratio Lower Upper
91 100
92 58.6 46.3 69.5





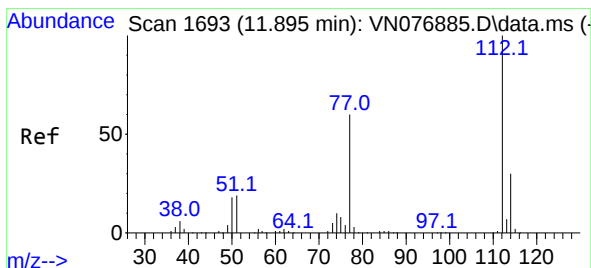
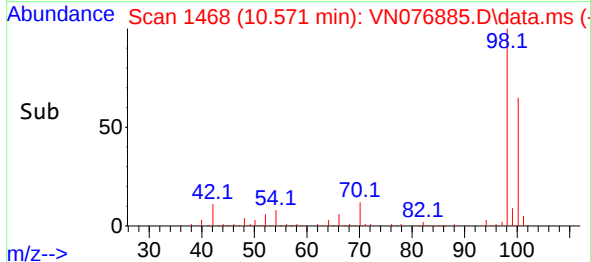
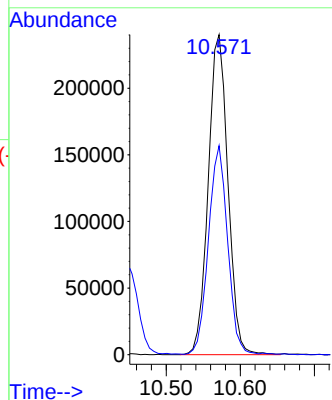
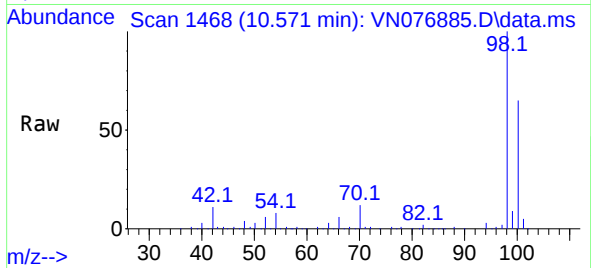
#63
Toluene-d8
Concen: 31.049 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 44327
Ion Ratio Lower Upper
98 100
100 63.6 53.8 80.6

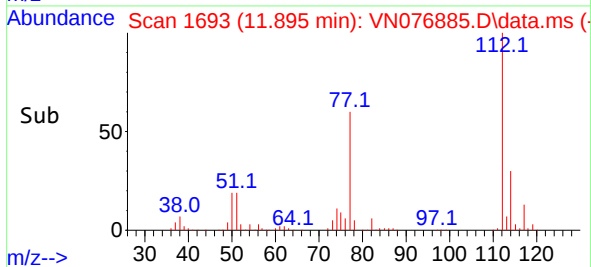
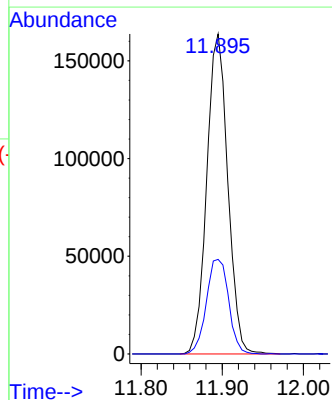
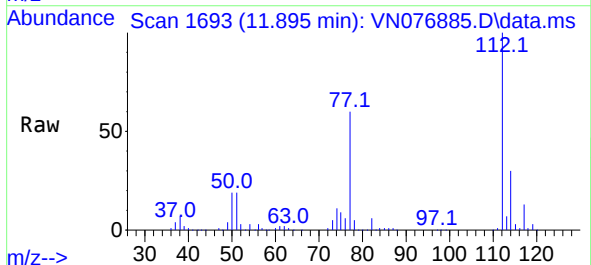
Manual Integrations
APPROVED

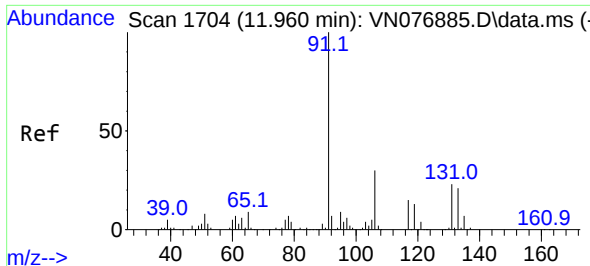
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#64
Chlorobenzene
Concen: 17.575 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion:112 Resp: 294050
Ion Ratio Lower Upper
112 100
114 29.5 24.5 36.7





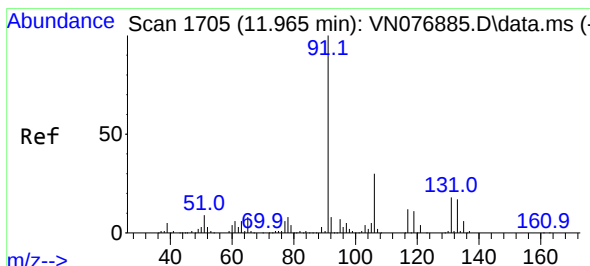
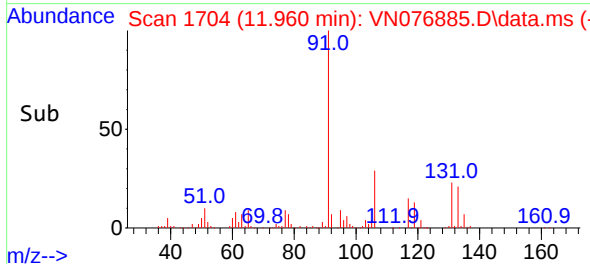
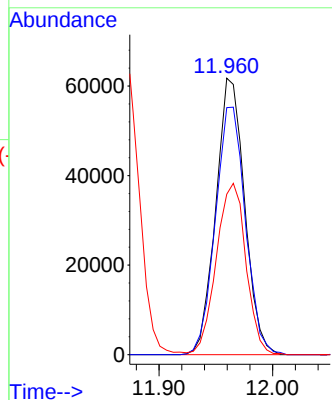
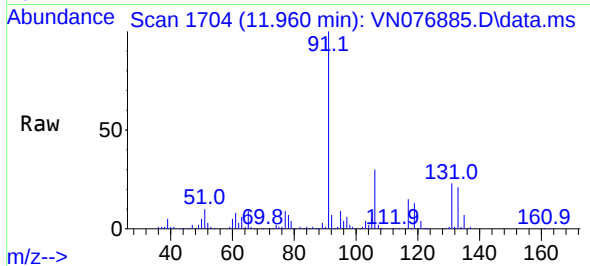
#65
1,1,1,2-Tetrachloroethane
Concen: 17.629 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 10886
Ion Ratio Lower Upper
131 100
133 93.3 0.0 197.6
119 63.7 0.0 127.8

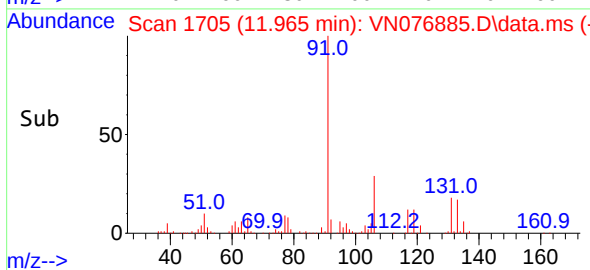
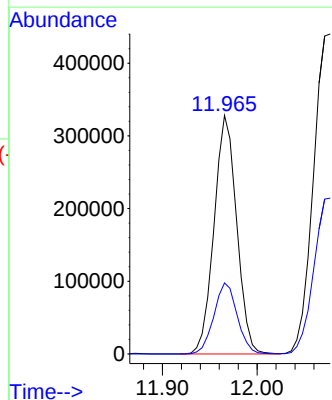
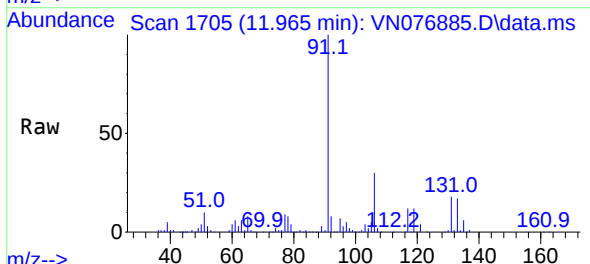
Manual Integrations
APPROVED

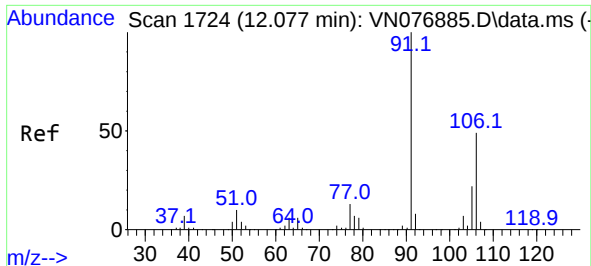
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#66
Ethyl Benzene
Concen: 18.007 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion: 91 Resp: 544990
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8





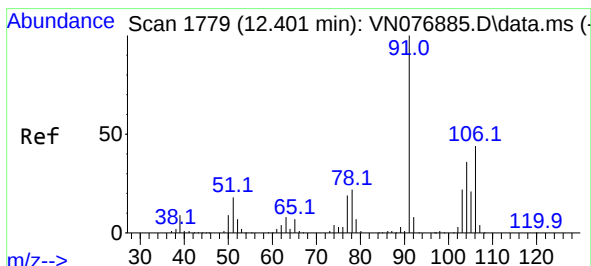
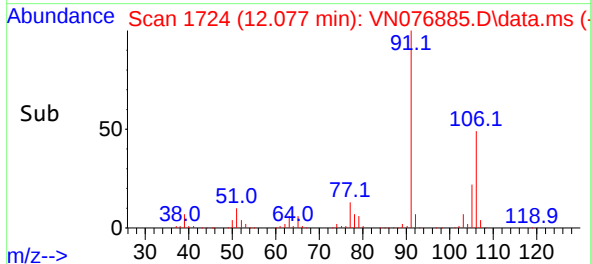
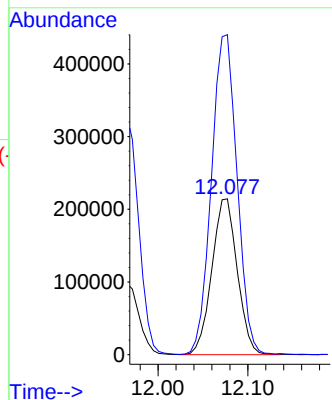
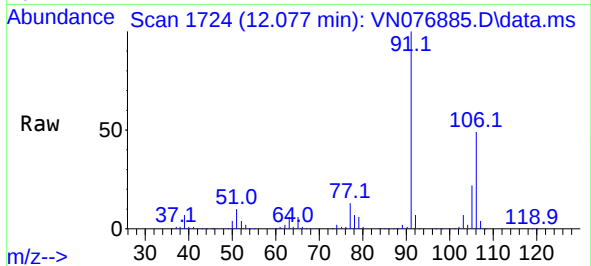
#67
m/p-Xylenes
Concen: 36.030 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 421499
Ion Ratio Lower Upper
106 100
91 207.1 157.4 236.2

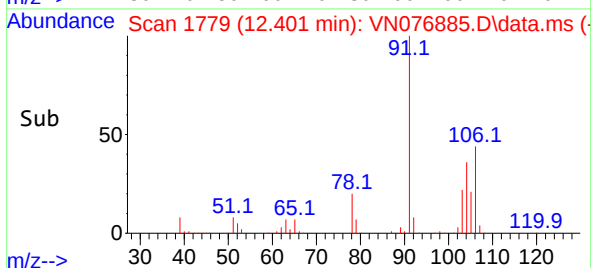
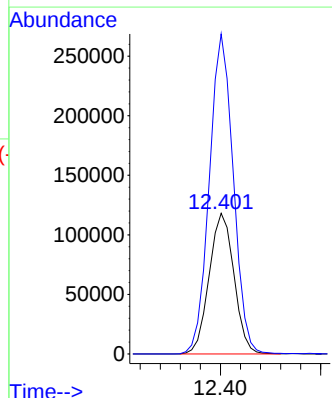
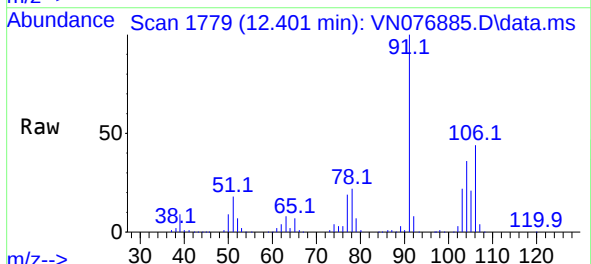
Manual Integrations
APPROVED

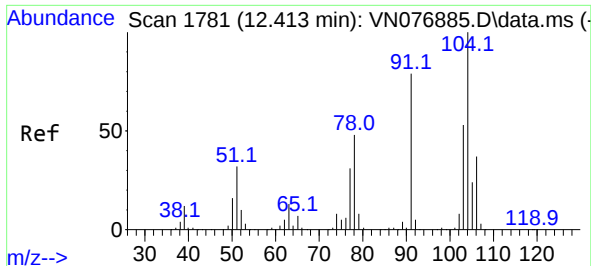
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#68
o-Xylene
Concen: 17.648 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion:106 Resp: 203153
Ion Ratio Lower Upper
106 100
91 219.8 107.2 321.6





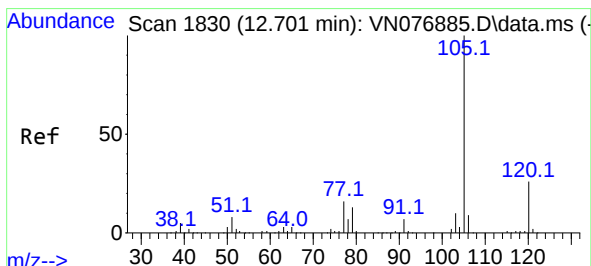
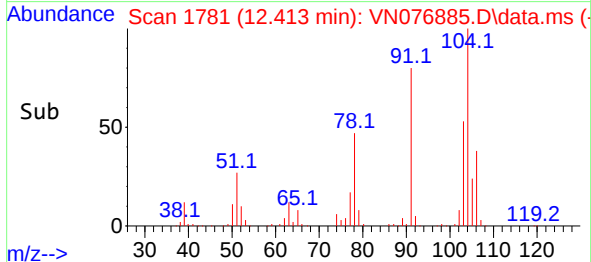
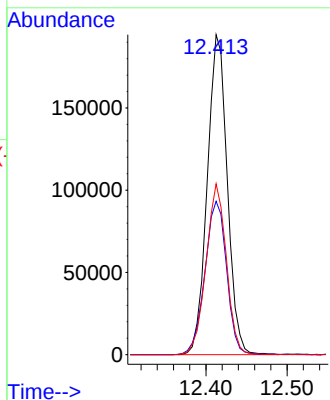
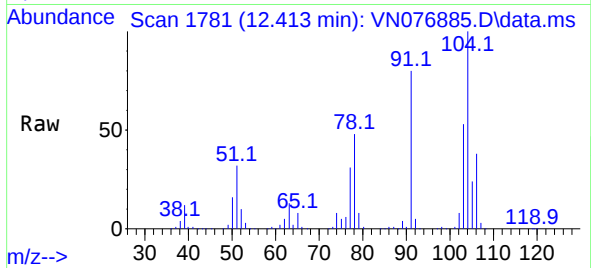
#69
Styrene
Concen: 18.024 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 333462
Ion Ratio Lower Upper
104 100
78 51.7 39.6 59.4
103 54.0 43.9 65.9

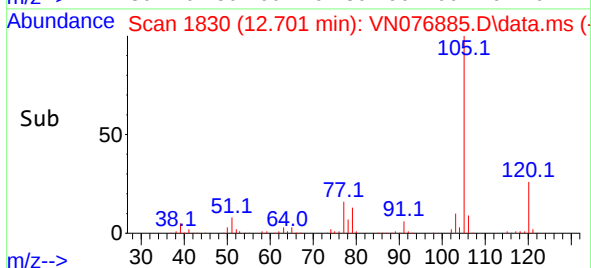
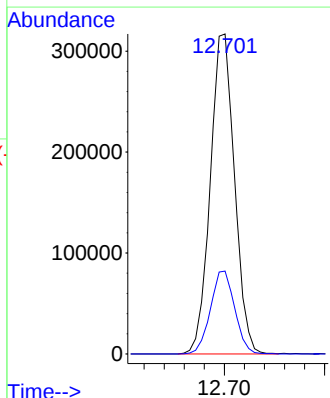
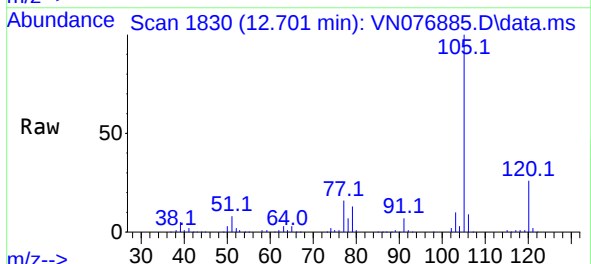
Manual Integrations
APPROVED

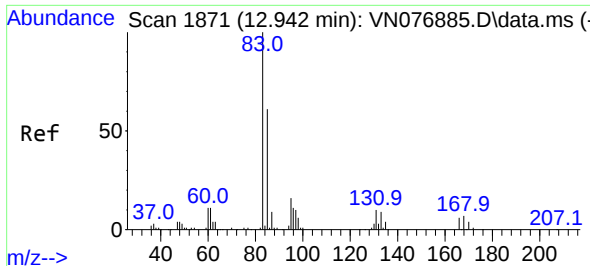
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#70
Isopropylbenzene
Concen: 18.053 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

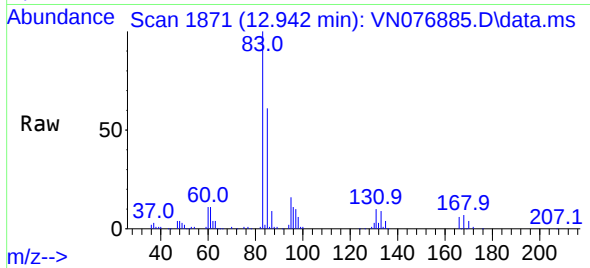
Tgt Ion:105 Resp: 531875
Ion Ratio Lower Upper
105 100
120 25.9 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 16.593 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

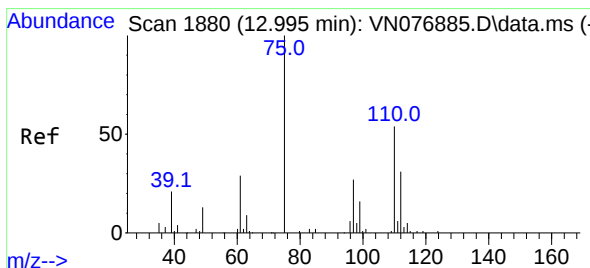
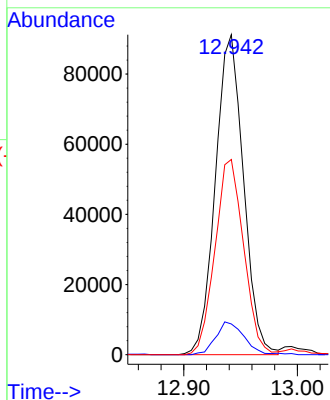
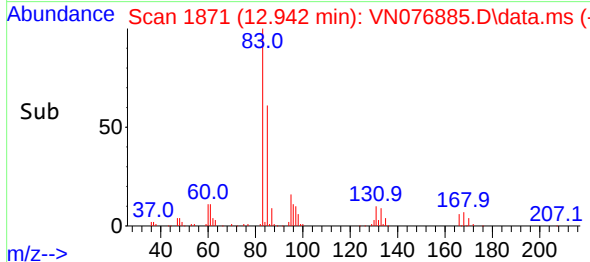
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



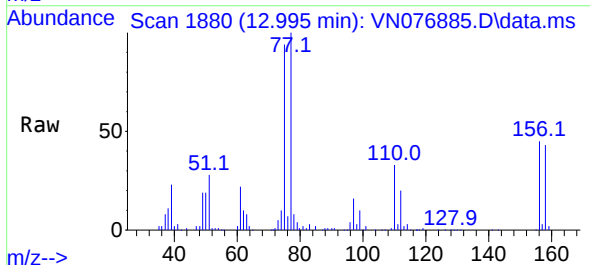
Tgt Ion: 83 Resp: 157009
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 62.1 32.3 96.9

Manual Integrations
APPROVED

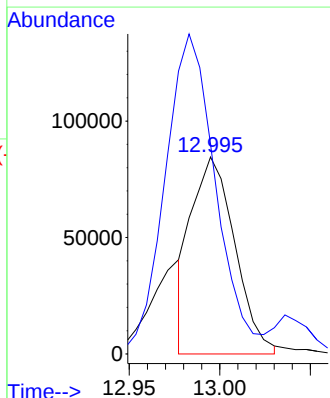
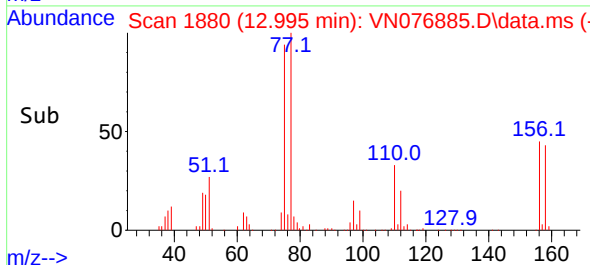
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

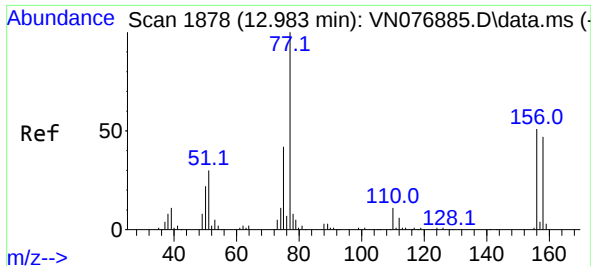


#72
1,2,3-Trichloropropane
Concen: 16.562 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



Tgt Ion: 75 Resp: 140835
Ion Ratio Lower Upper
75 100
77 189.5 0.0 332.6





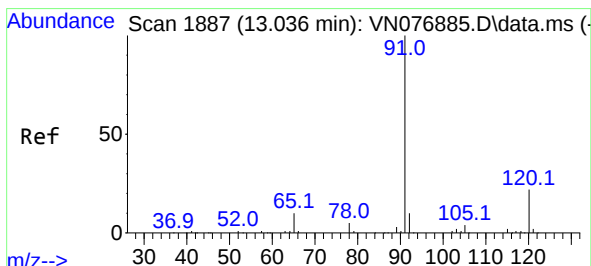
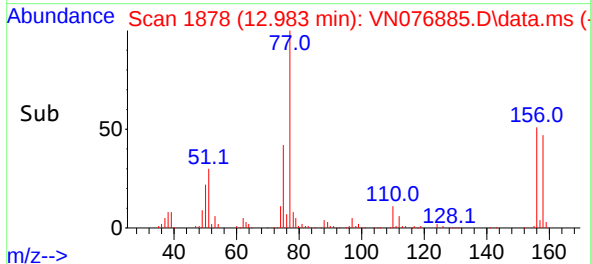
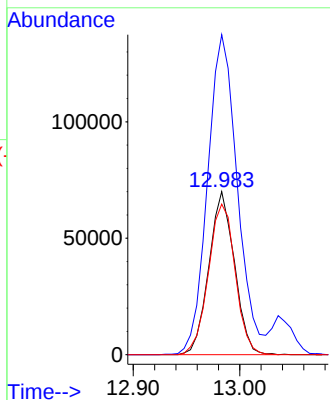
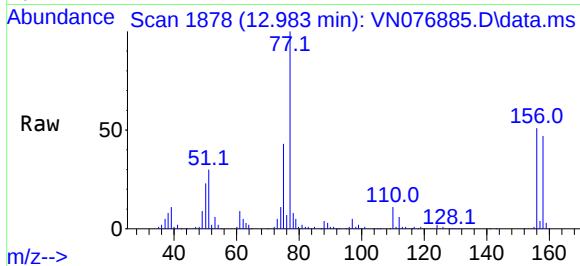
#73
Bromobenzene
Concen: 17.240 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 116610
Ion Ratio Lower Upper
156 100
77 228.9 0.0 423.0
158 97.0 0.0 188.6

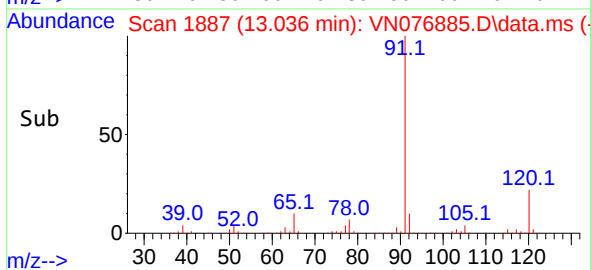
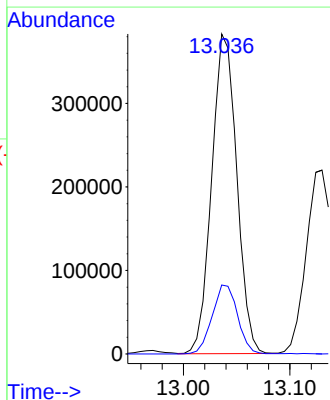
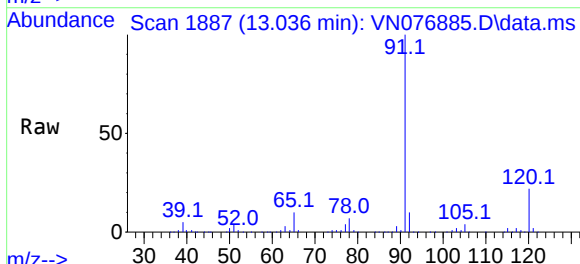
Manual Integrations
APPROVED

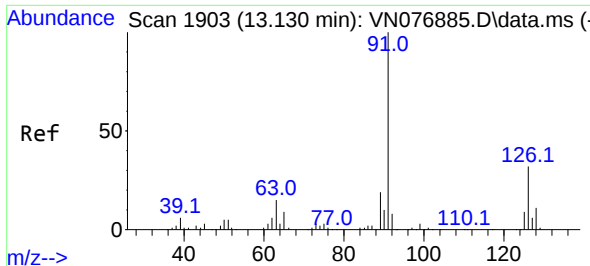
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#74
n-propylbenzene
Concen: 17.786 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion: 91 Resp: 625826
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0





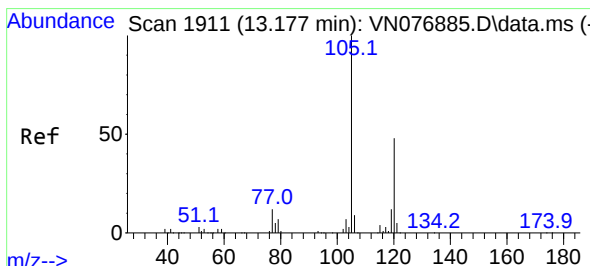
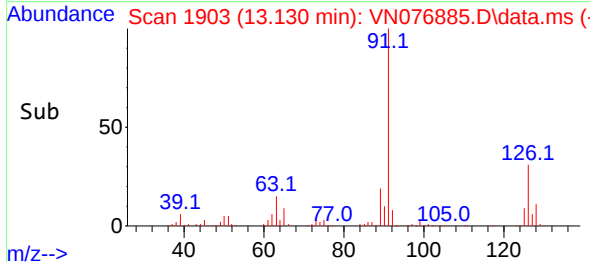
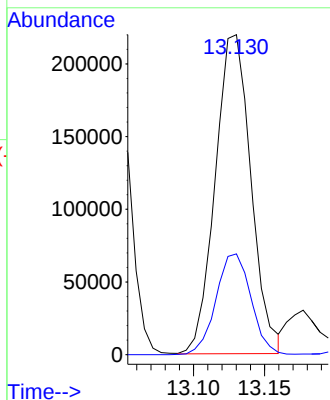
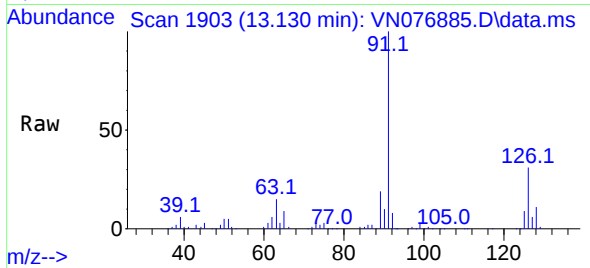
#75
2-Chlorotoluene
Concen: 18.216 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 38402
Ion Ratio Lower Upper
91 100
126 31.0 0.0 66.4

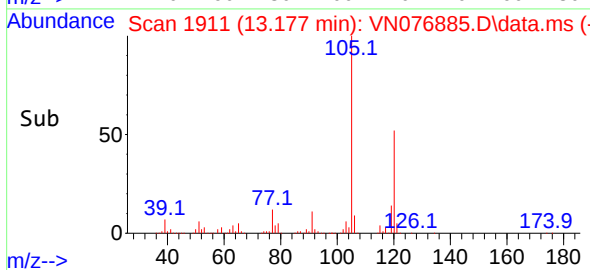
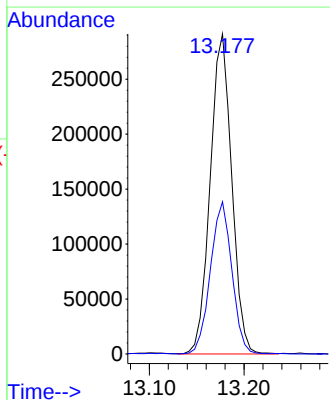
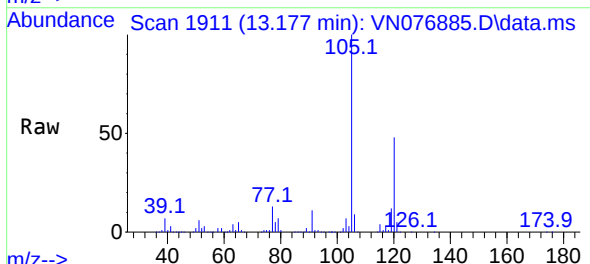
Manual Integrations
APPROVED

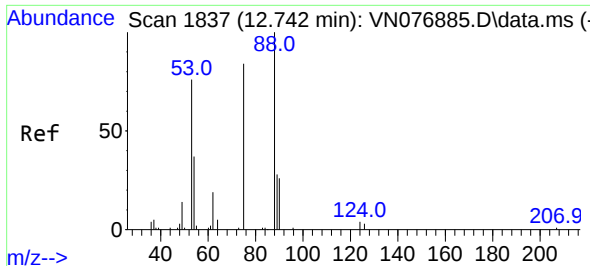
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.588 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

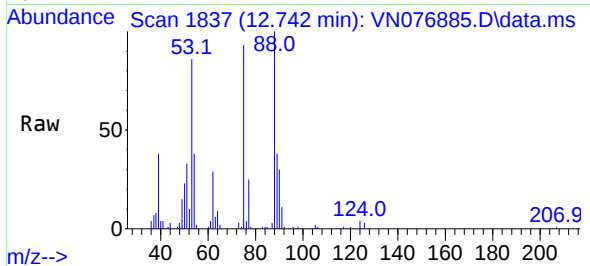
Tgt Ion:105 Resp: 460363
Ion Ratio Lower Upper
105 100
120 47.4 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 16.563 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

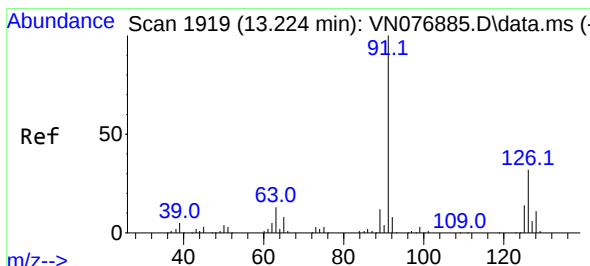
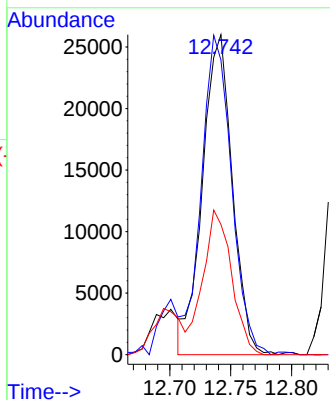
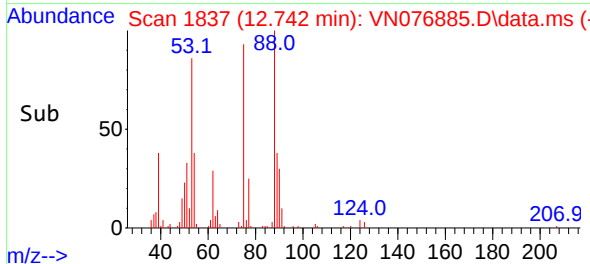
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 44409
Ion Ratio Lower Upper
75 100
53 91.3 50.4 151.3
89 40.7 22.1 66.5

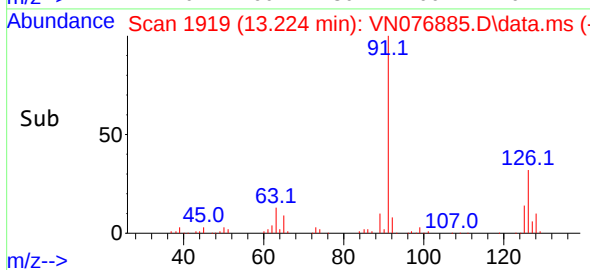
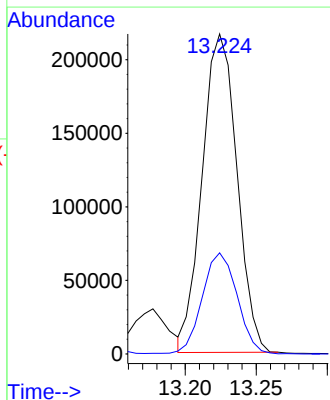
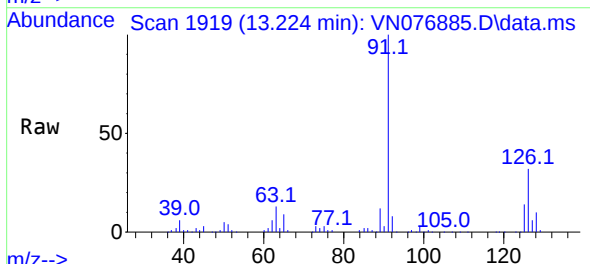
Manual Integrations
APPROVED

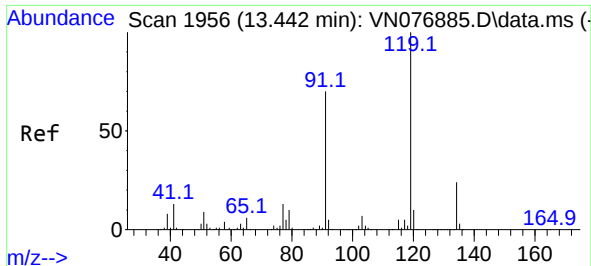
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#78
4-Chlorotoluene
Concen: 18.227 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

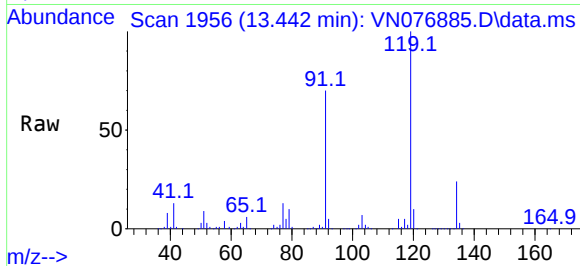
Tgt Ion: 91 Resp: 368035
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6





#79
tert-butylbenzene
Concen: 17.549 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

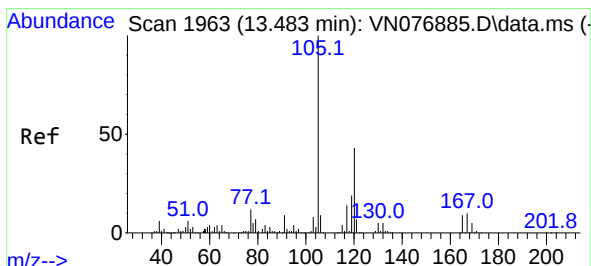
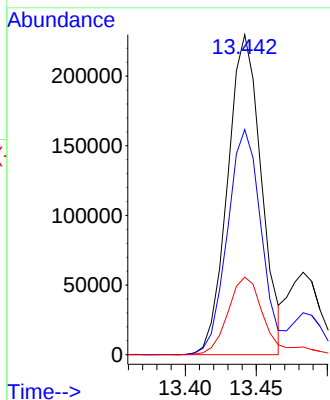
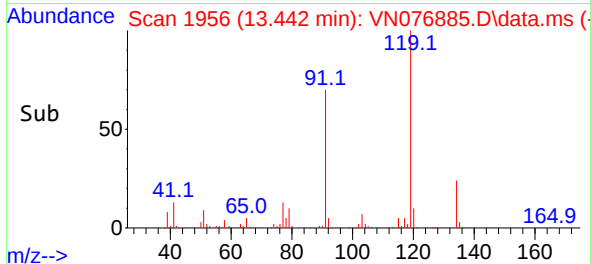
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 378978
Ion Ratio Lower Upper
119 100
91 71.7 0.0 129.6
134 24.8 0.0 47.8

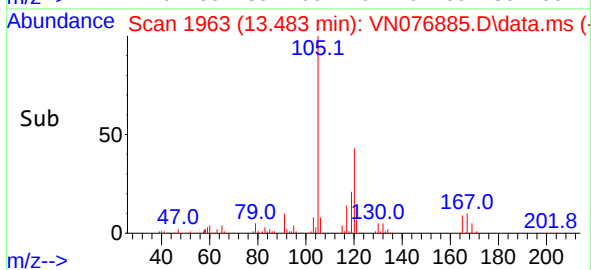
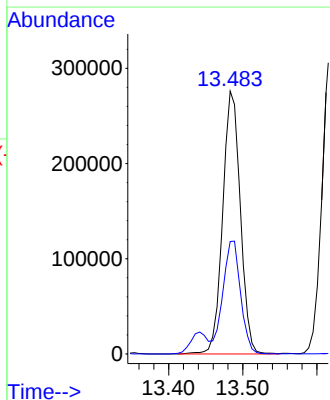
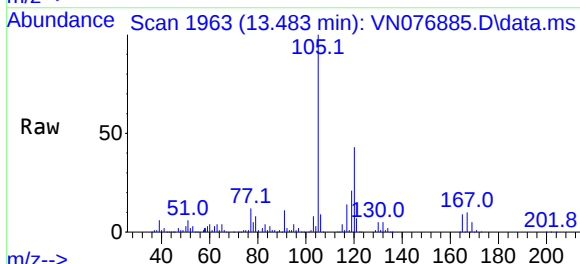
Manual Integrations
APPROVED

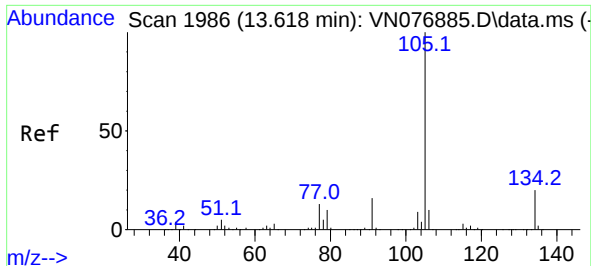
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.688 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion:105 Resp: 456895
Ion Ratio Lower Upper
105 100
120 43.7 0.0 93.2





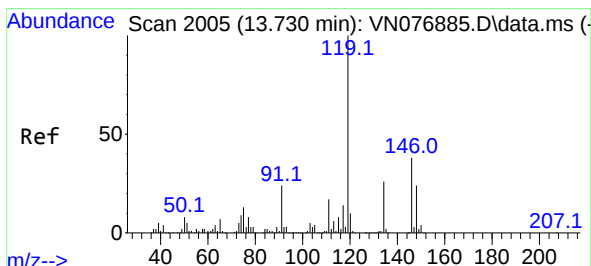
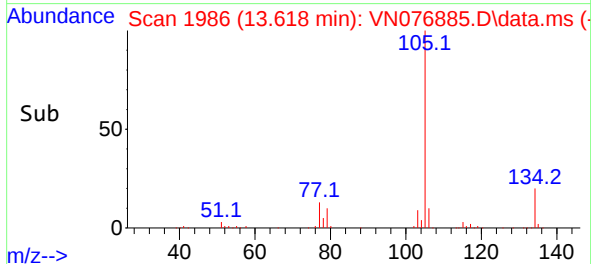
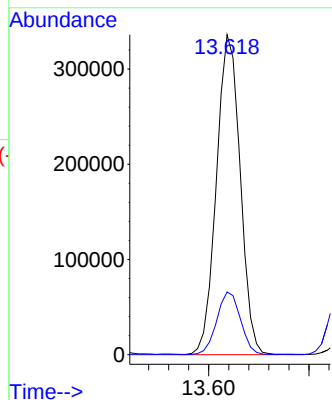
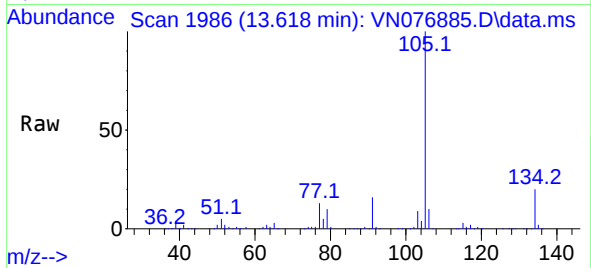
#81
sec-Butylbenzene
Concen: 17.776 ug/l
RT: 13.618 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:105 Resp: 55296
Ion Ratio Lower Upper
105 100
134 19.6 0.0 39.4

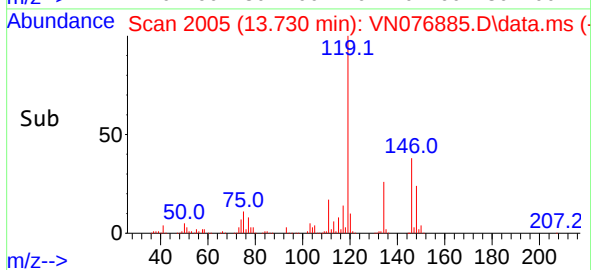
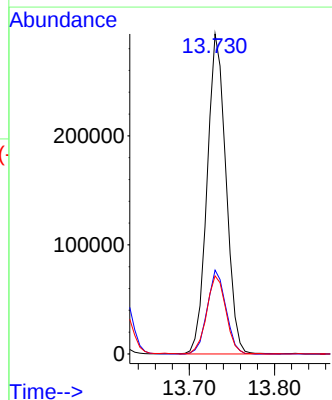
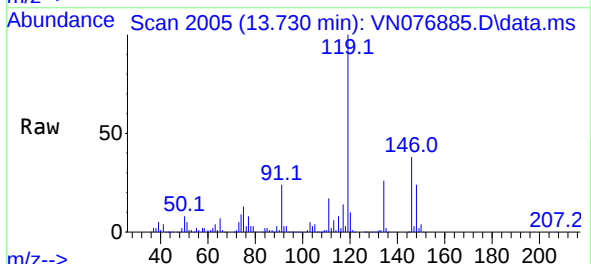
Manual Integrations
APPROVED

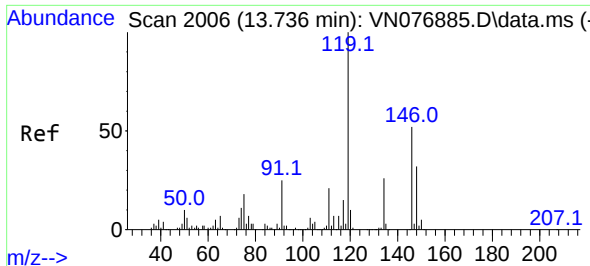
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#82
p-Isopropyltoluene
Concen: 17.911 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

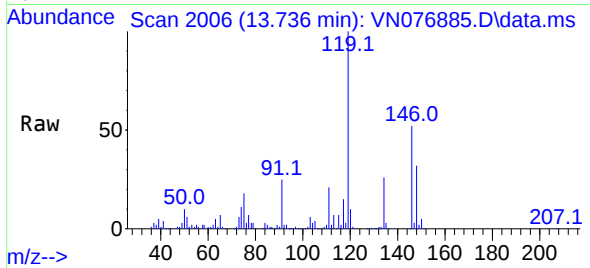
Tgt Ion:119 Resp: 451112
Ion Ratio Lower Upper
119 100
134 25.8 0.0 53.4
91 24.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 17.041 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

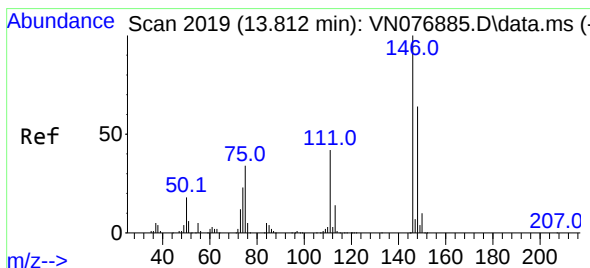
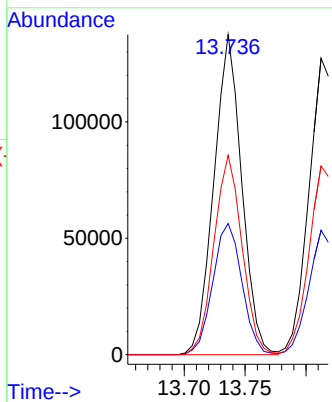
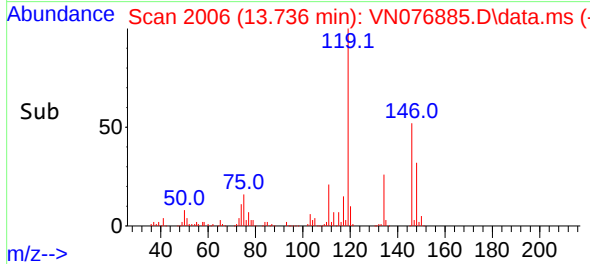
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



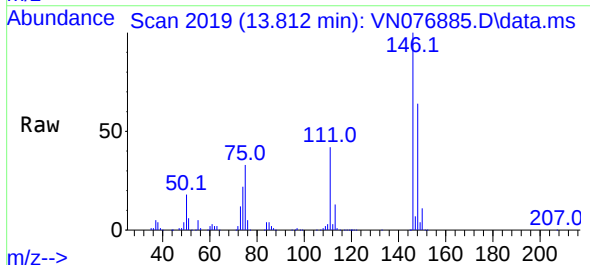
Tgt Ion:146 Resp: 218958
Ion Ratio Lower Upper
146 100
111 43.0 20.3 60.8
148 62.8 31.9 95.5

Manual Integrations
APPROVED

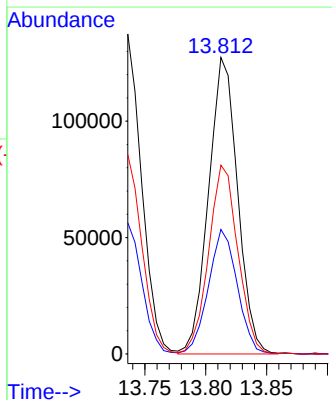
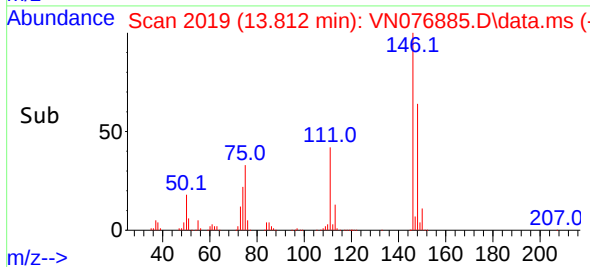
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

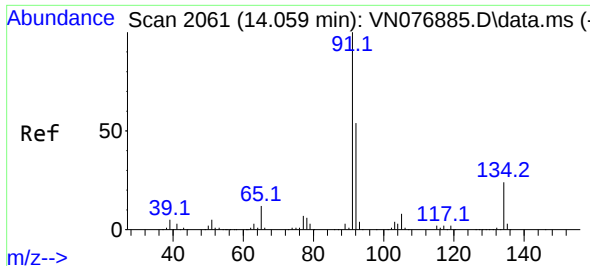


#84
1,4-Dichlorobenzene
Concen: 16.807 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



Tgt Ion:146 Resp: 211705
Ion Ratio Lower Upper
146 100
111 41.4 18.2 54.6
148 64.2 31.1 93.2





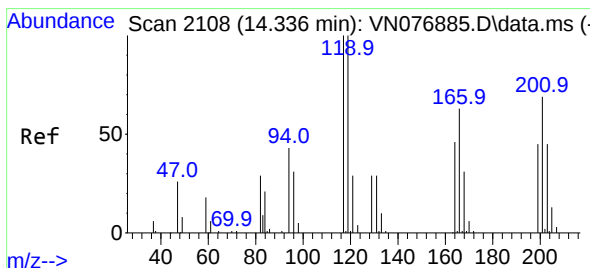
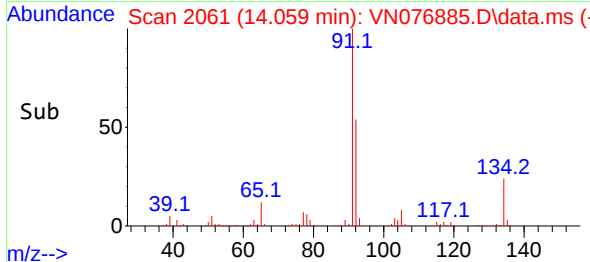
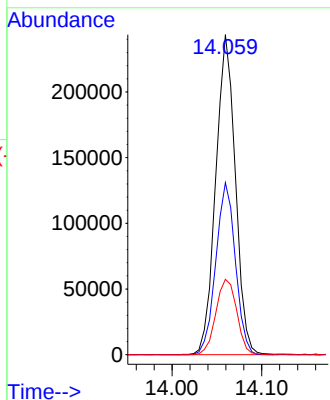
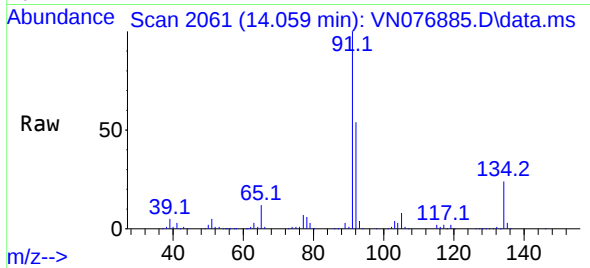
#85
n-Butylbenzene
Concen: 17.269 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 37018
Ion Ratio Lower Upper
91 100
92 53.4 0.0 103.2
134 25.0 0.0 50.0

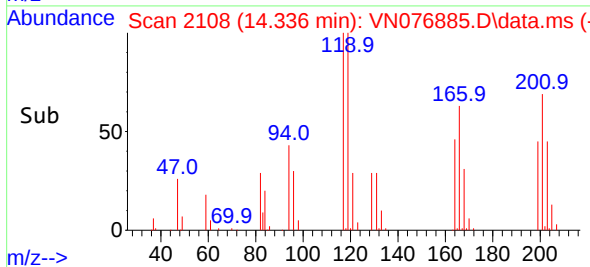
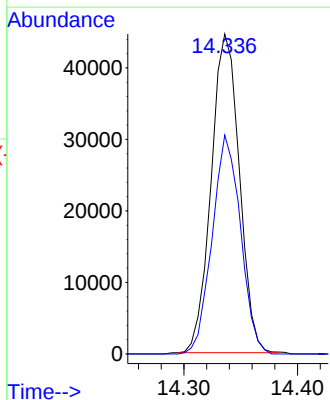
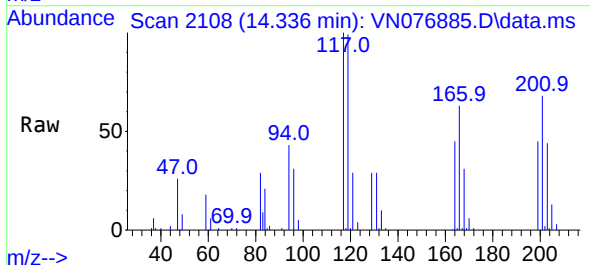
Manual Integrations
APPROVED

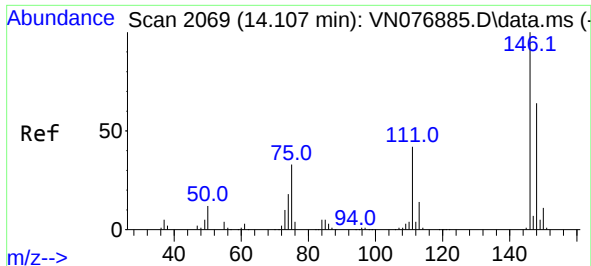
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#86
Hexachloroethane
Concen: 16.009 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion:117 Resp: 76958
Ion Ratio Lower Upper
117 100
201 68.9 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 17.111 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

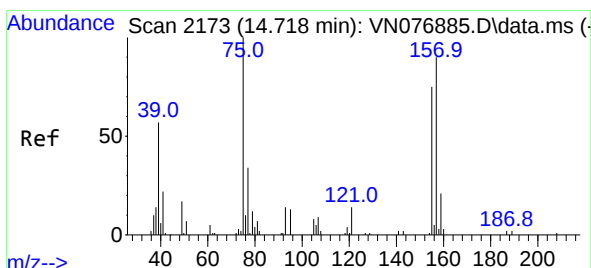
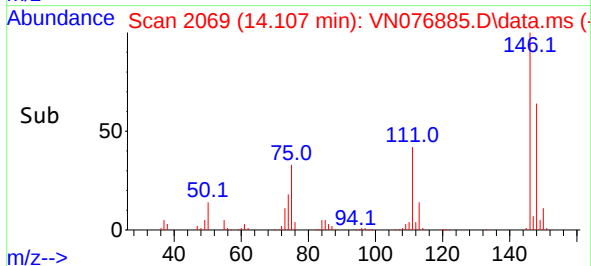
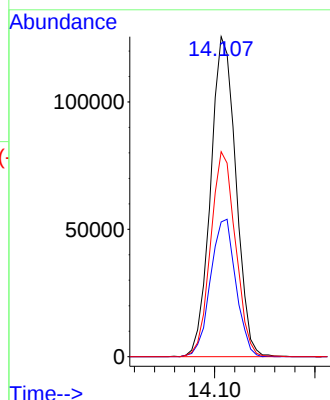
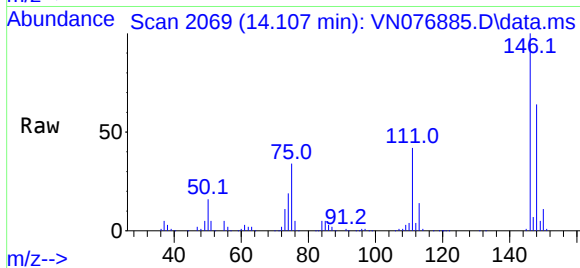
Tgt Ion:146 Resp: 219924
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.5 61.6
 148 63.1 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.512 ug/l

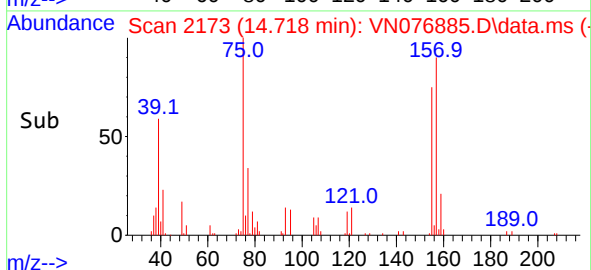
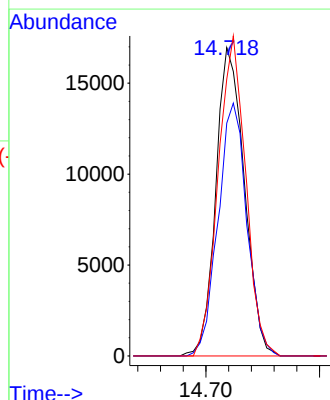
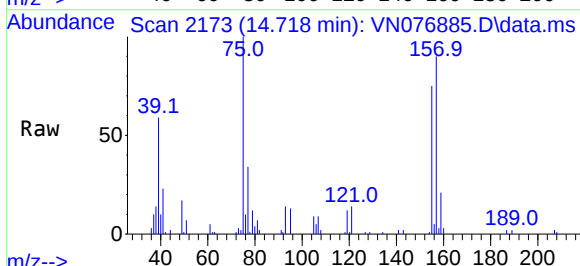
RT: 14.718 min Scan# 2173

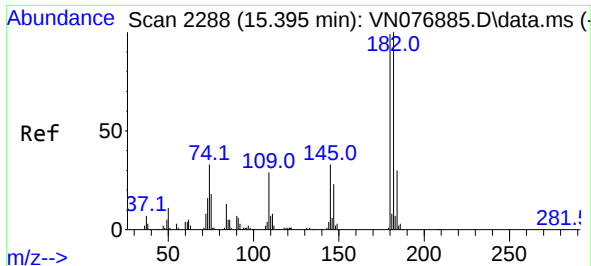
Delta R.T. -0.006 min

Lab File: VN076885.D

Acq: 08 Mar 2023 18:47

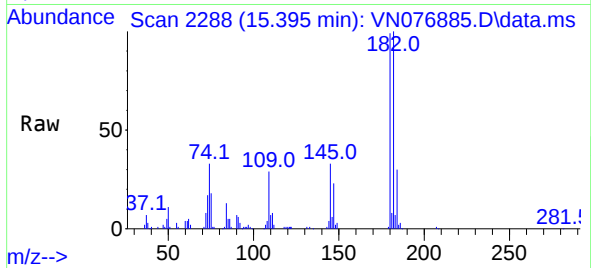
Tgt Ion: 75 Resp: 29568
 Ion Ratio Lower Upper
 75 100
 155 82.8 62.5 93.7
 157 100.4 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 17.124 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

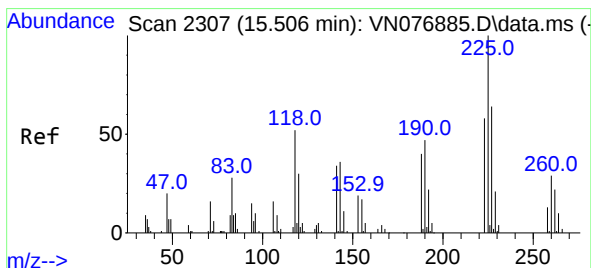
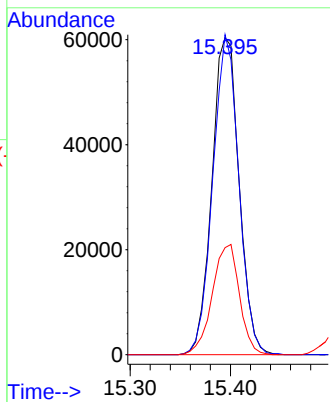
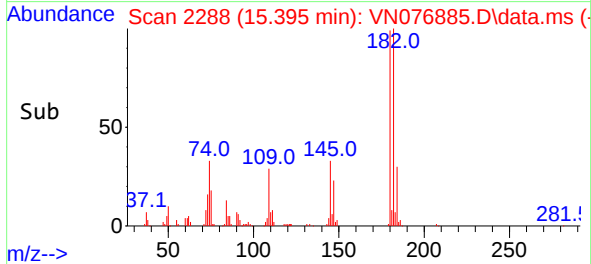
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



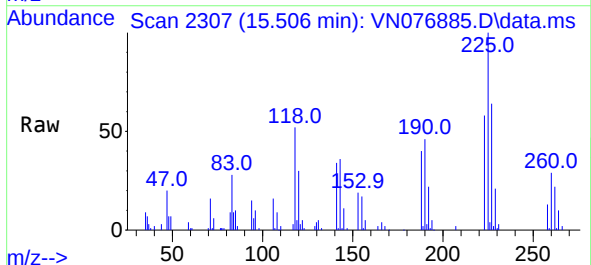
Tgt Ion:180 Resp: 11368
Ion Ratio Lower Upper
180 100
182 96.3 76.6 115.0
145 34.8 24.6 36.8

Manual Integrations
APPROVED

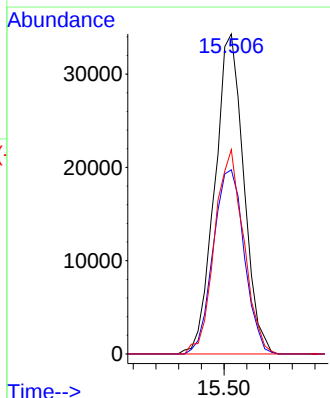
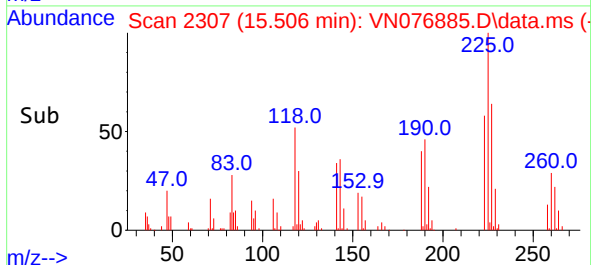
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

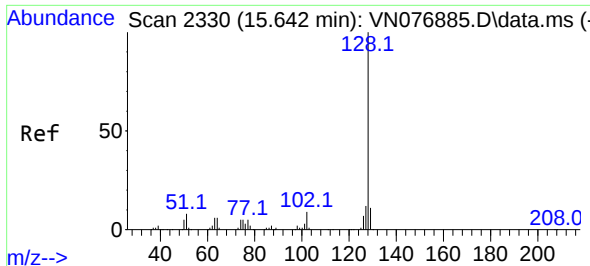


#90
Hexachlorobutadiene
Concen: 18.738 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47



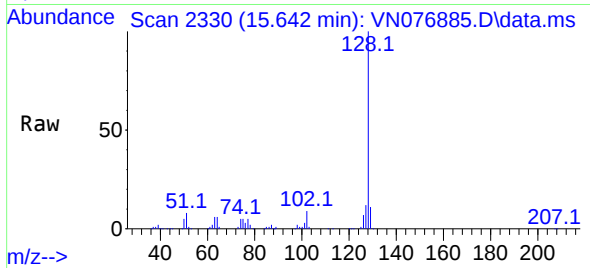
Tgt Ion:225 Resp: 60749
Ion Ratio Lower Upper
225 100
223 61.7 0.0 135.4
227 64.2 0.0 129.4





#91
Naphthalene
Concen: 17.290 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

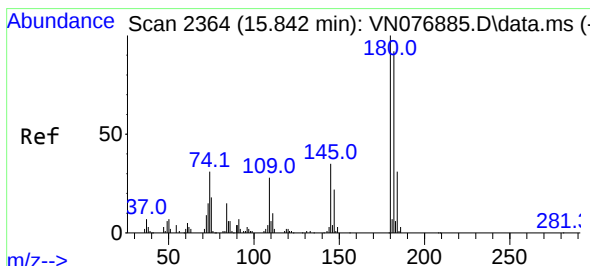
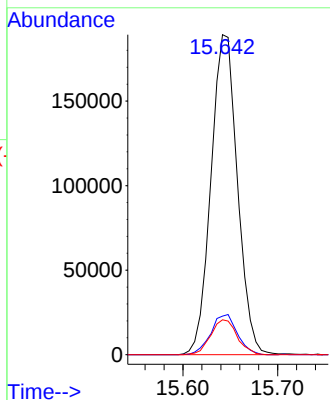
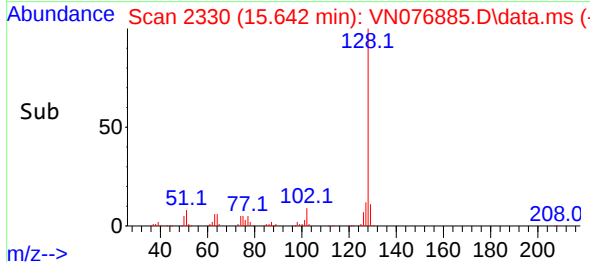
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 368049
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.6
129 10.9 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: 17.385 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076885.D
Acq: 08 Mar 2023 18:47

Tgt Ion:180 Resp: 117367
Ion Ratio Lower Upper
180 100
182 93.0 0.0 190.8
145 35.1 0.0 65.0

