

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076700.D
 Acq On : 16 Feb 2023 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 17 00:04:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2023
 Supervised By : Mahesh Dadoda 02/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	321120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	583818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	557308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	288013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	242763	54.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	8.172	113	192189	50.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.540%			
50) Toluene-d8	10.572	98	762364	53.393	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.848	95	269282	56.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	155229	45.525	ug/l	99
3) Chloromethane	2.372	50	195325	43.907	ug/l	99
4) Vinyl Chloride	2.525	62	202871	46.336	ug/l	98
5) Bromomethane	2.949	94	126912	47.839	ug/l	98
6) Chloroethane	3.125	64	146825	53.063	ug/l	98
7) Trichlorofluoromethane	3.507	101	266287	44.700	ug/l	99
8) Diethyl Ether	3.978	74	110450	48.116	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	161346	46.095	ug/l	98
10) Methyl Iodide	4.601	142	219878	50.867	ug/l	97
11) Tert butyl alcohol	5.531	59	142964	244.258	ug/l	97
12) 1,1-Dichloroethene	4.348	96	149400	45.074	ug/l	87
13) Acrolein	4.190	56	209486	238.401	ug/l	99
14) Allyl chloride	5.043	41	273443	47.612	ug/l	99
15) Acrylonitrile	5.731	53	527284	253.845	ug/l	99
16) Acetone	4.437	43	467954	236.257	ug/l	100
17) Carbon Disulfide	4.725	76	391440	44.729	ug/l	96
18) Methyl Acetate	5.037	43	321506	49.728	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	563370	50.414	ug/l	96
20) Methylene Chloride	5.290	84	190906	45.988	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	170591	45.722	ug/l	94
22) Diisopropyl ether	6.684	45	716872	53.219	ug/l	97
23) Vinyl Acetate	6.613	43	2366156	296.886	ug/l	98
24) 1,1-Dichloroethane	6.578	63	359896	48.750	ug/l	94
25) 2-Butanone	7.489	43	742844	254.252	ug/l	97
26) 2,2-Dichloropropane	7.495	77	261440	49.097	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	210115	47.480	ug/l	96
28) Bromochloromethane	7.819	49	209826	59.717	ug/l	93
29) Tetrahydrofuran	7.842	42	497523	260.635	ug/l	99
30) Chloroform	7.972	83	361451	49.003	ug/l	98
31) Cyclohexane	8.260	56	325552	46.804	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	299773	48.337	ug/l	96
36) 1,1-Dichloropropene	8.378	75	269120	48.718	ug/l	99
37) Ethyl Acetate	7.566	43	293328	50.469	ug/l	97
38) Carbon Tetrachloride	8.366	117	260788	46.798	ug/l	96
39) Methylcyclohexane	9.607	83	319419	50.870	ug/l	96
40) Benzene	8.613	78	829001	48.868	ug/l	97

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Manual Integrations
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Reviewed By : John Carlone 02/17/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	171557	50.952	ug/l	99
42) 1,2-Dichloroethane	8.678	62	285604	48.272	ug/l	99
43) Isopropyl Acetate	8.695	43	489858	51.796	ug/l	100
44) Trichloroethene	9.360	130	187364	46.738	ug/l	95
45) 1,2-Dichloropropane	9.630	63	219283	48.831	ug/l	95
46) Dibromomethane	9.713	93	142461	49.622	ug/l	96
47) Bromodichloromethane	9.889	83	287226	49.901	ug/l #	95
48) Methyl methacrylate	9.683	41	229349	51.105	ug/l	98
49) 1,4-Dioxane	9.701	88	84167	1084.190	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1591898	264.552	ug/l	99
52) Toluene	10.636	92	536074	52.341	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	298354	53.703	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	330030	51.501	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	211057	50.678	ug/l	93
56) Ethyl methacrylate	10.877	69	316749	54.033	ug/l	96
57) 1,3-Dichloropropane	11.166	76	365526	51.086	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	710747	264.739	ug/l	97
59) 2-Hexanone	11.201	43	1145219	263.954	ug/l	98
60) Dibromochloromethane	11.360	129	219705	50.055	ug/l	98
61) 1,2-Dibromoethane	11.472	107	206374	49.507	ug/l	99
64) Tetrachloroethene	11.107	164	160672	45.748	ug/l	97
65) Chlorobenzene	11.895	112	567378	48.039	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	212100	49.440	ug/l	98
67) Ethyl Benzene	11.966	91	1024634	50.921	ug/l	98
68) m/p-Xylenes	12.072	106	804144	103.679	ug/l	96
69) o-Xylene	12.401	106	393527	52.024	ug/l	100
70) Styrene	12.413	104	662338	54.147	ug/l	99
71) Bromoform	12.583	173	157689	50.111	ug/l #	100
73) Isopropylbenzene	12.701	105	1043675	49.439	ug/l	99
74) N-amyl acetate	12.495	43	458570	48.193	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	334486	43.773	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	282340m	48.489	ug/l	
77) Bromobenzene	12.983	156	241701	45.890	ug/l	99
78) n-propylbenzene	13.036	91	1236818	49.894	ug/l	100
79) 2-Chlorotoluene	13.130	91	725649	47.809	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	888398	50.922	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	97543	48.791	ug/l	98
82) 4-Chlorotoluene	13.130	91	725649	47.809	ug/l	97
83) tert-Butylbenzene	13.442	119	770006	48.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	876420	50.406	ug/l	100
85) sec-Butylbenzene	13.618	105	1138975	51.689	ug/l	99
86) p-Isopropyltoluene	13.730	119	938932	53.362	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	471291	47.337	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	469248	47.329	ug/l	99
89) n-Butylbenzene	14.060	91	822376	53.737	ug/l	99
90) Hexachloroethane	14.336	117	169441	45.991	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	474730	46.511	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	60932	41.158	ug/l	100
93) 1,2,4-Trichlorobenzene	15.395	180	252392	49.572	ug/l	100
94) Hexachlorobutadiene	15.507	225	116821	46.815	ug/l	99
95) Naphthalene	15.642	128	807456	52.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	247684	50.213	ug/l	98

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VSTDCCC050

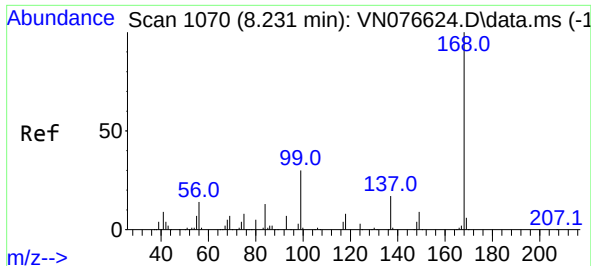
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 17 00:04:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

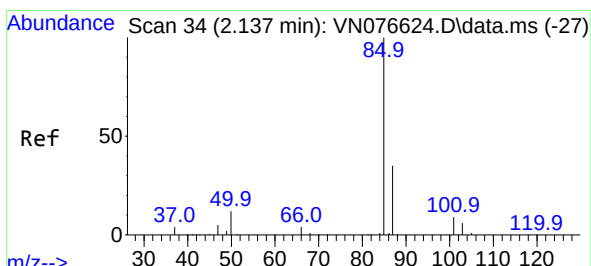
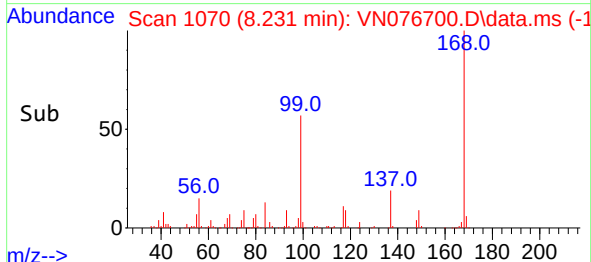
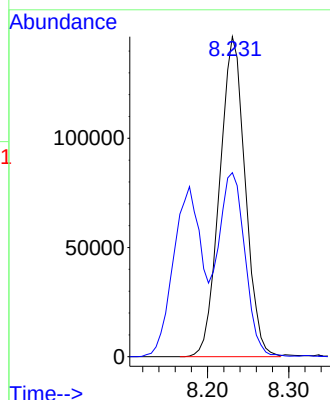
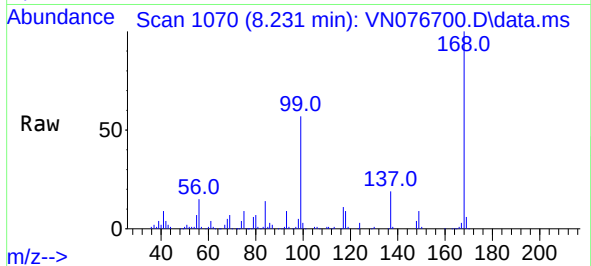
VSTDCCC050

Tgt Ion:168 Resp: 321120
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2

Manual Integrations

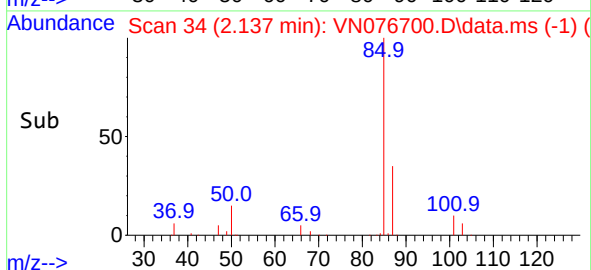
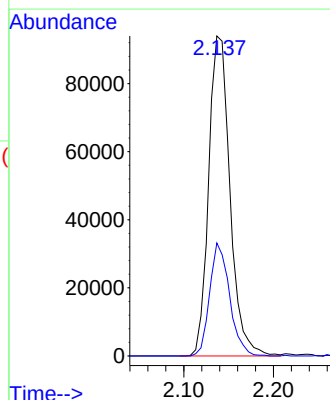
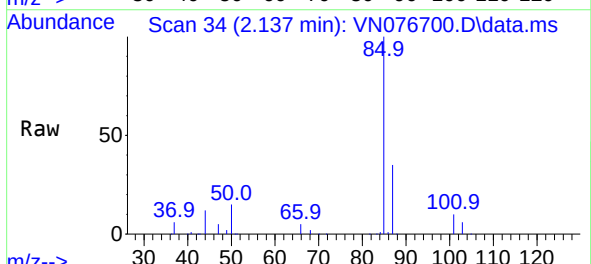
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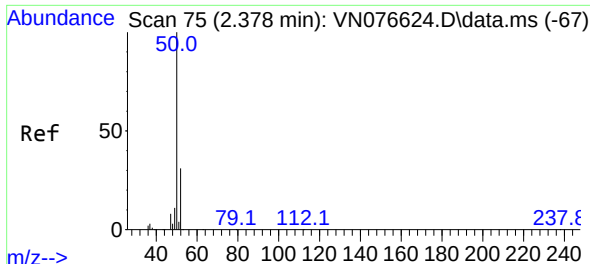
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 45.525 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

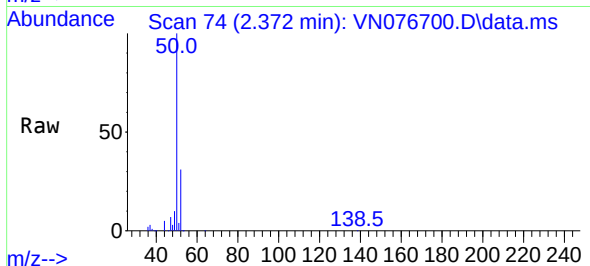
Tgt Ion: 85 Resp: 155229
Ion Ratio Lower Upper
85 100
87 35.3 17.4 52.2





#3
Chloromethane
Concen: 43.907 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

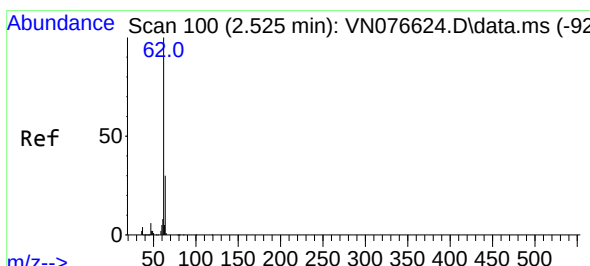
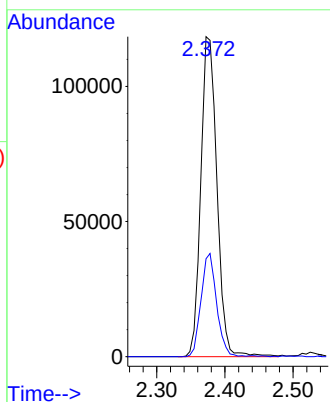
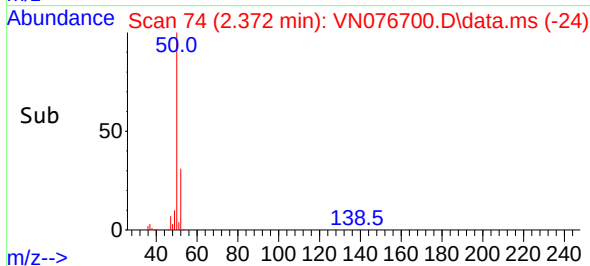
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 195329
Ion Ratio Lower Upper
50 100
52 30.6 24.7 37.1

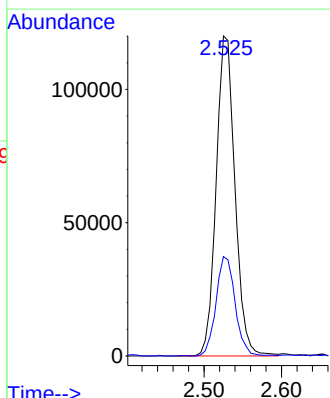
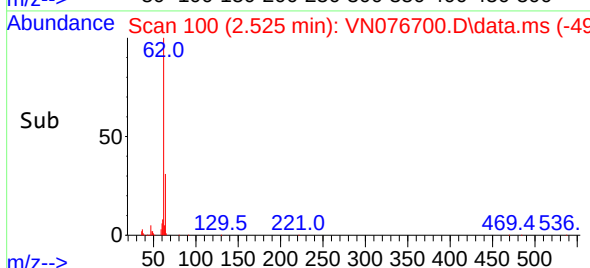
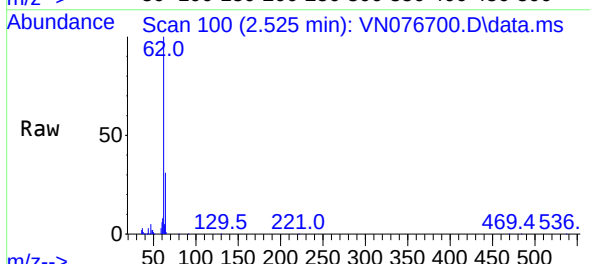
Manual Integrations
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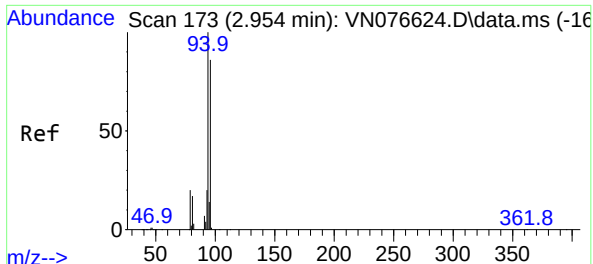
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#4
Vinyl Chloride
Concen: 46.336 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

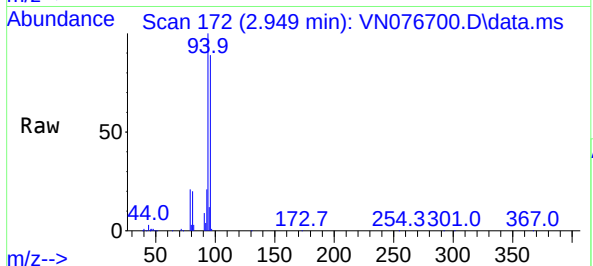
Tgt Ion: 62 Resp: 202871
Ion Ratio Lower Upper
62 100
64 31.0 23.9 35.9





#5
Bromomethane
Concen: 47.839 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

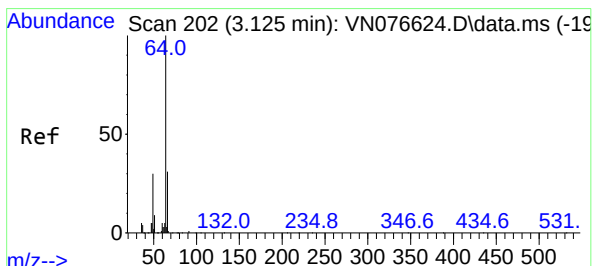
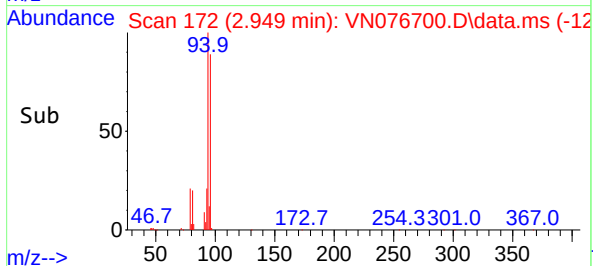
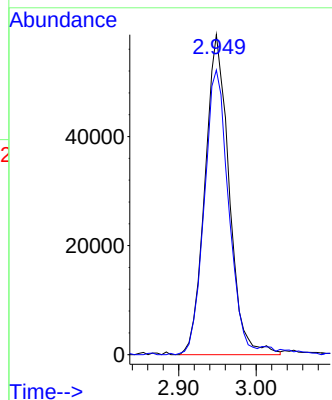
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 126912
Ion Ratio Lower Upper
94 100
96 88.5 69.0 103.4

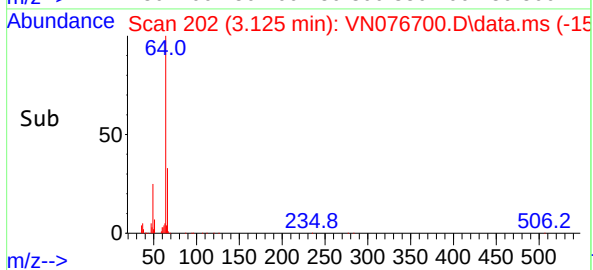
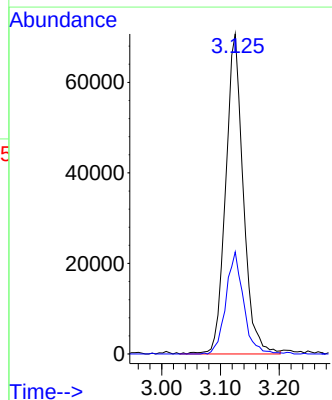
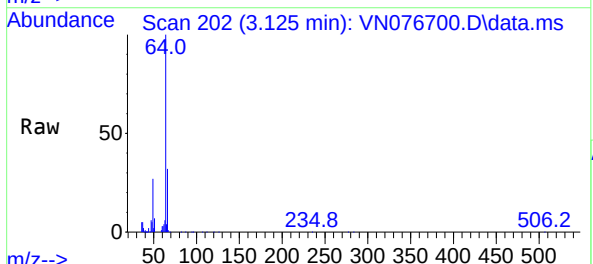
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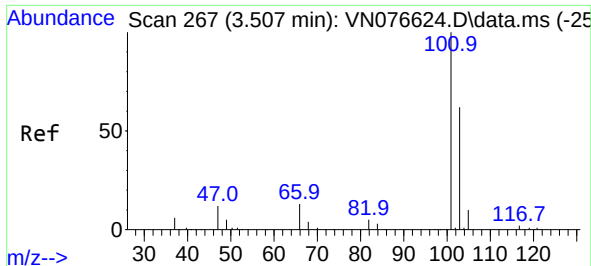
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#6
Chloroethane
Concen: 53.063 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

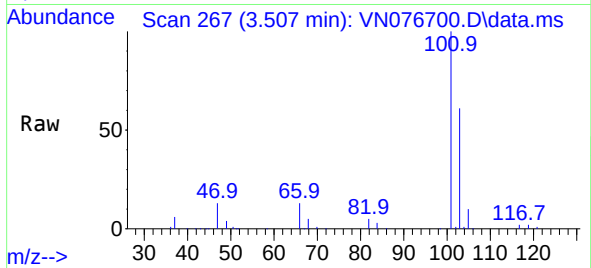
Tgt Ion: 64 Resp: 146825
Ion Ratio Lower Upper
64 100
66 31.9 24.6 37.0





#7
Trichlorofluoromethane
Concen: 44.700 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

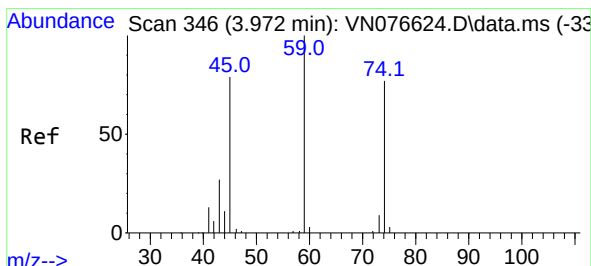
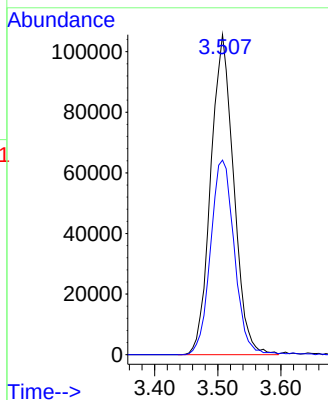
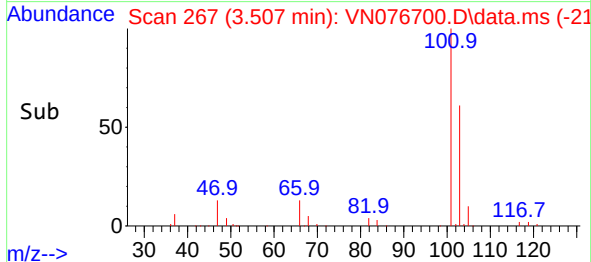
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



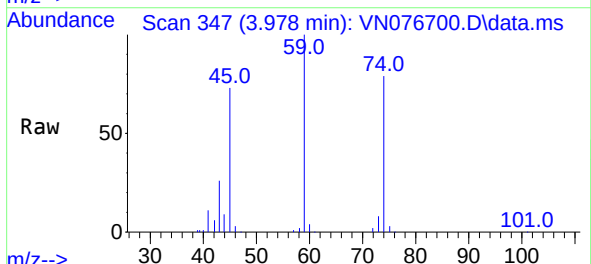
Tgt Ion:101 Resp: 26628
Ion Ratio Lower Upper
101 100
103 60.8 49.4 74.2

Manual Integrations
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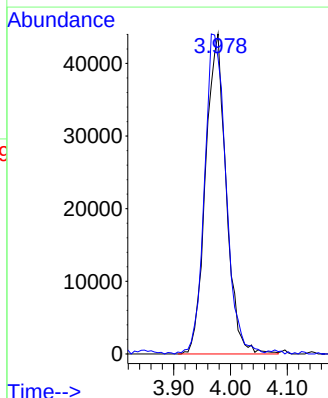
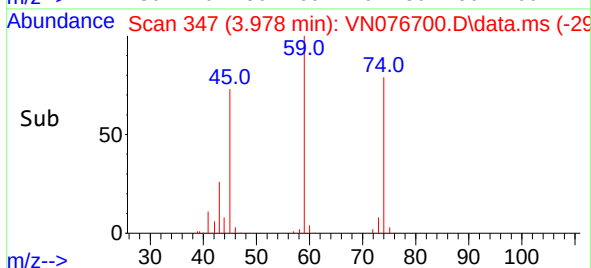
Reviewed By :John Carlone 02/17/2023
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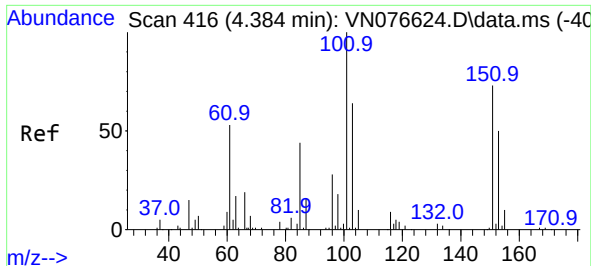


#8
Diethyl Ether
Concen: 48.116 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



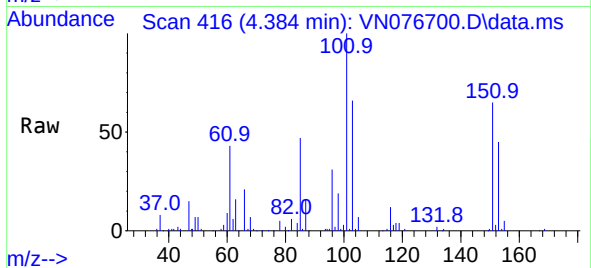
Tgt Ion: 74 Resp: 110450
Ion Ratio Lower Upper
74 100
45 104.5 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.095 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

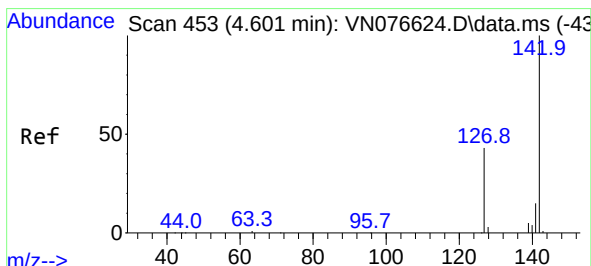
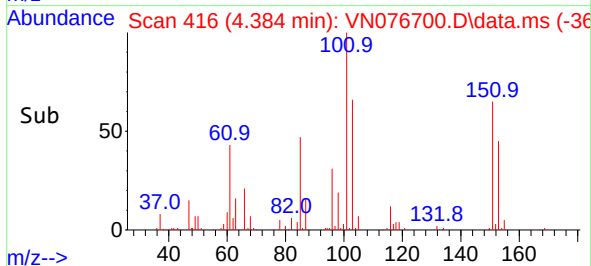
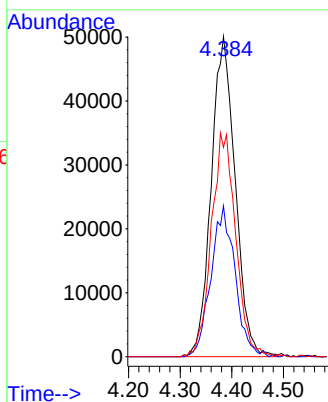
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 161340
Ion Ratio Lower Upper
101 100
85 47.3 37.4 56.0
151 71.2 58.7 88.1

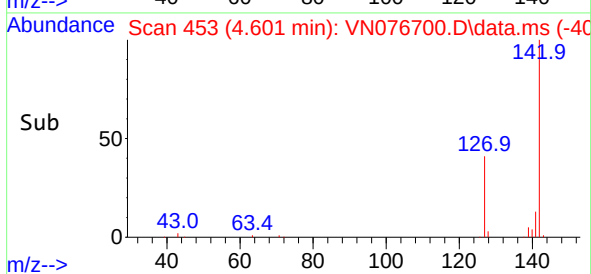
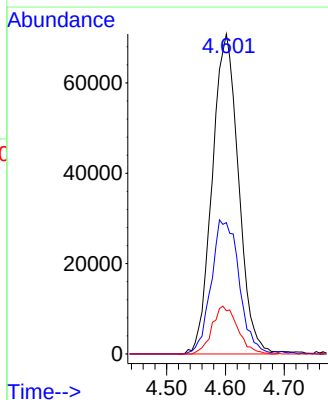
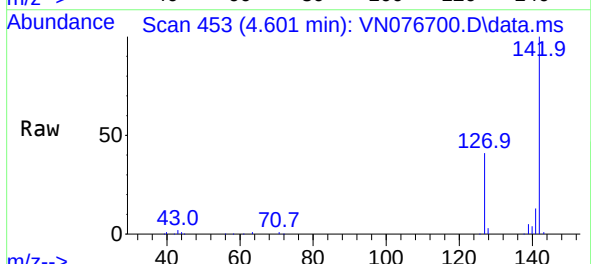
Manual Integrations
APPROVED

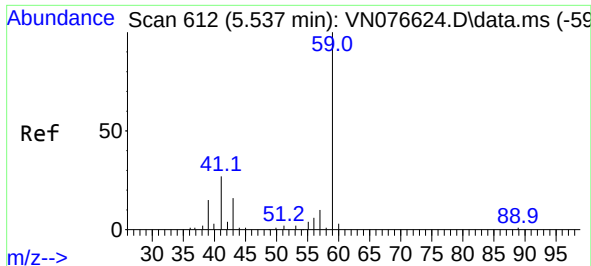
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#10
Methyl Iodide
Concen: 50.867 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

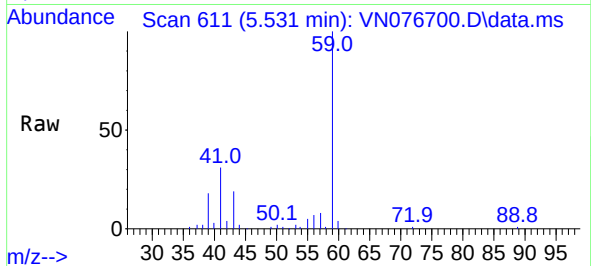
Tgt Ion:142 Resp: 219878
Ion Ratio Lower Upper
142 100
127 41.0 34.6 51.8
141 13.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 244.258 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

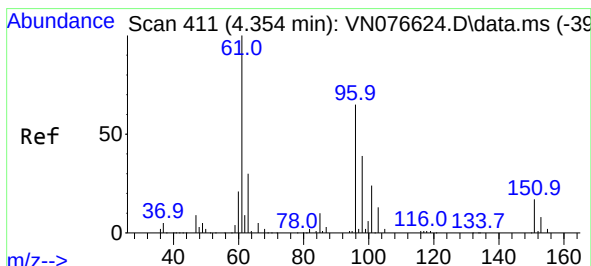
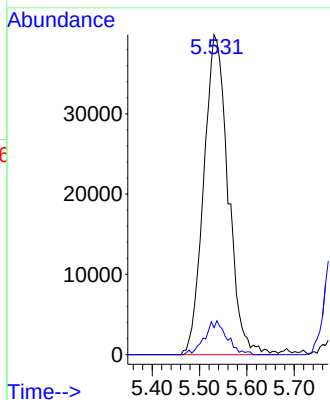
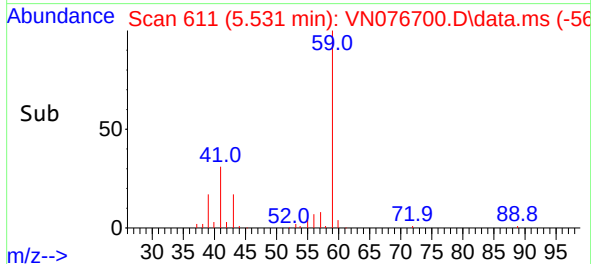
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



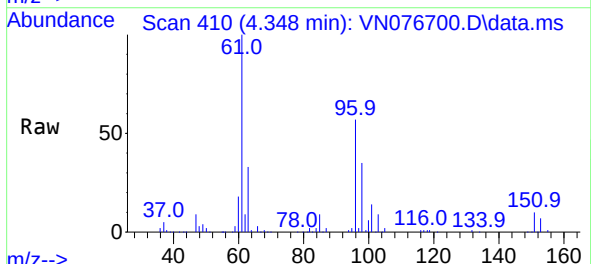
Tgt Ion: 59 Resp: 142964
Ion Ratio Lower Upper
59 100
57 9.7 8.7 13.1

Manual Integrations
APPROVED

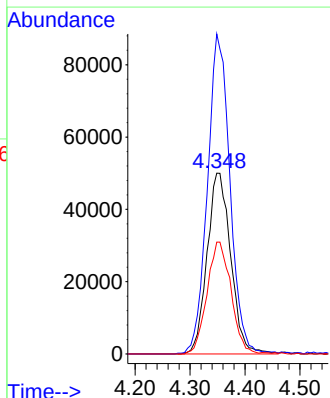
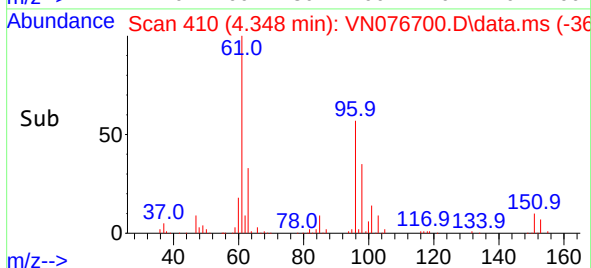
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

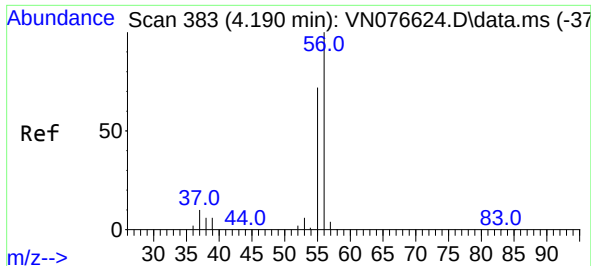


#12
1,1-Dichloroethene
Concen: 45.074 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



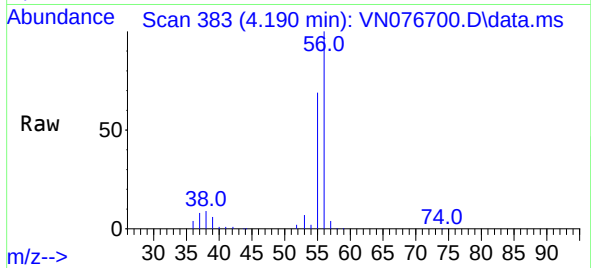
Tgt Ion: 96 Resp: 149400
Ion Ratio Lower Upper
96 100
61 176.6 123.8 185.6
98 61.9 48.4 72.6





#13
Acrolein
Concen: 238.401 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

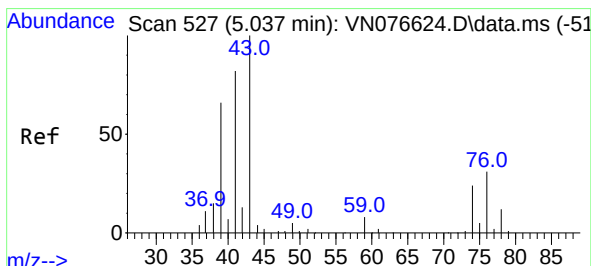
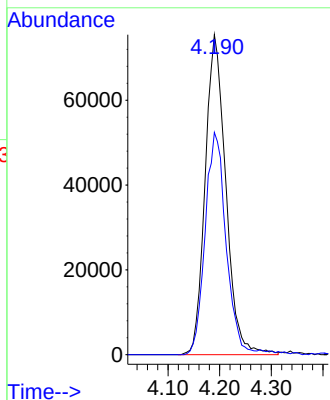
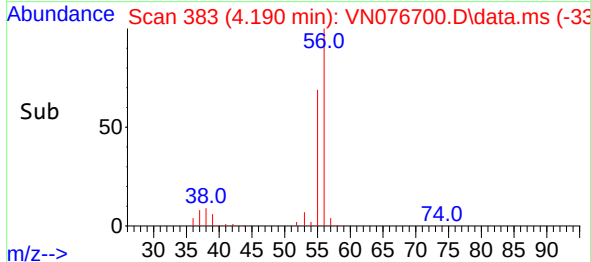
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



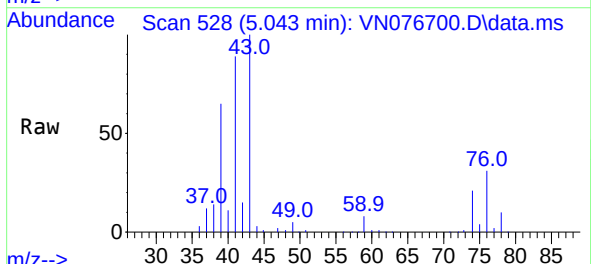
Tgt Ion: 56 Resp: 209486
Ion Ratio Lower Upper
56 100
55 69.9 56.3 84.5

Manual Integrations
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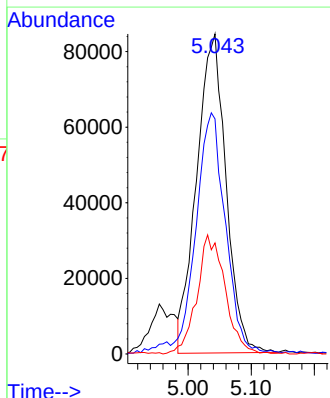
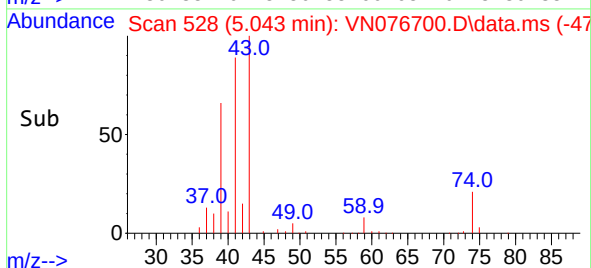
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

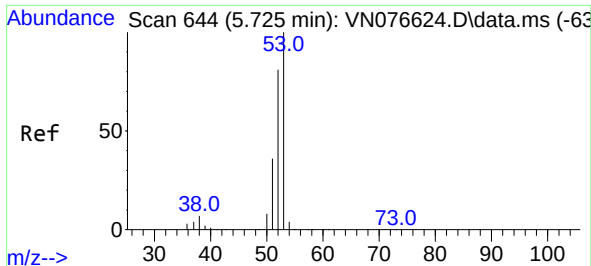


#14
Allyl chloride
Concen: 47.612 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



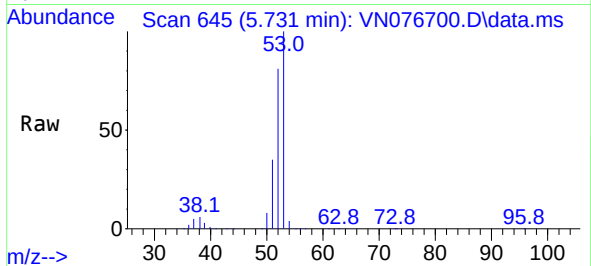
Tgt Ion: 41 Resp: 273443
Ion Ratio Lower Upper
41 100
39 77.7 62.3 93.5
76 35.7 27.0 40.6





#15
Acrylonitrile
Concen: 253.845 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

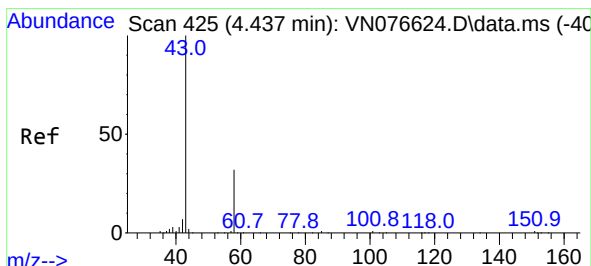
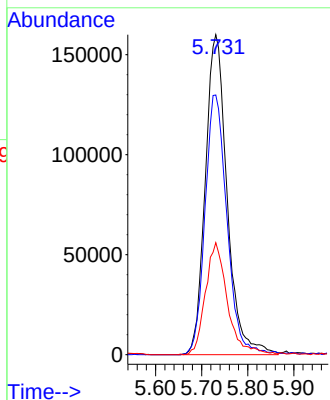
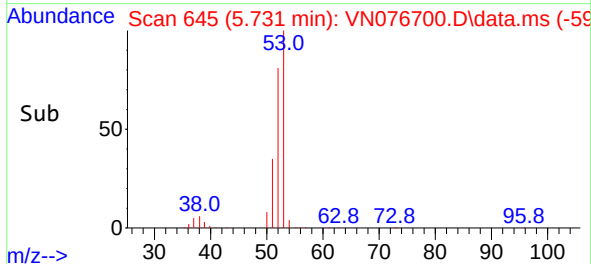
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



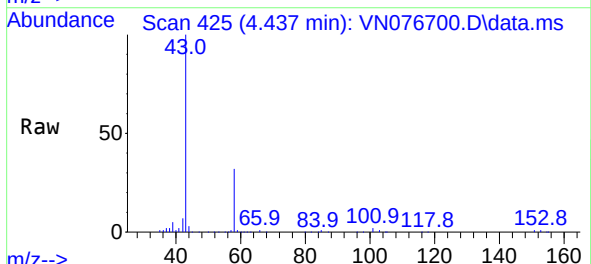
Tgt Ion: 53 Resp: 527284
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 35.3 29.2 43.8

Manual Integrations
APPROVED

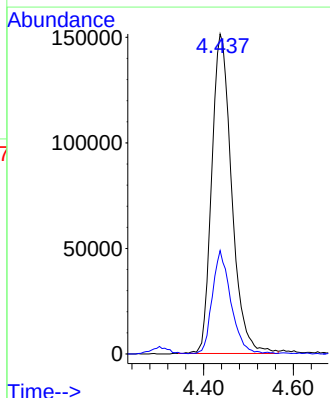
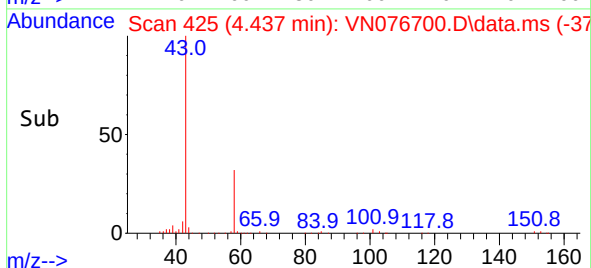
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

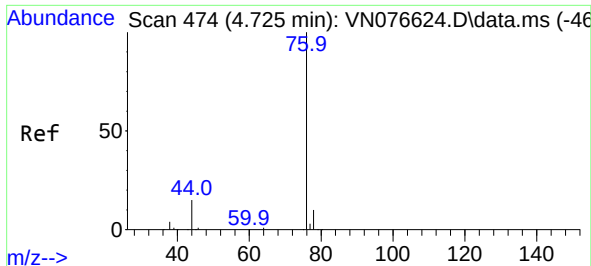


#16
Acetone
Concen: 236.257 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



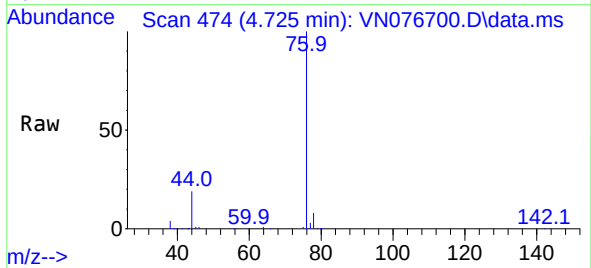
Tgt Ion: 43 Resp: 467954
Ion Ratio Lower Upper
43 100
58 32.2 25.9 38.9





#17
Carbon Disulfide
Concen: 44.729 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

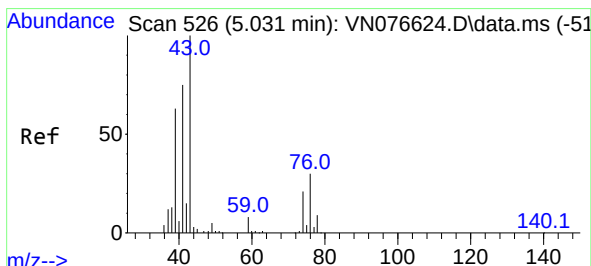
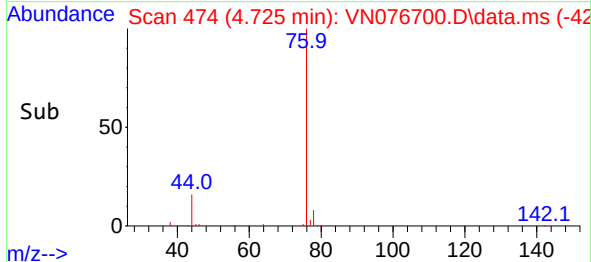
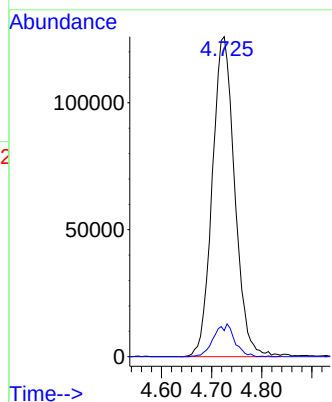
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 391440
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8

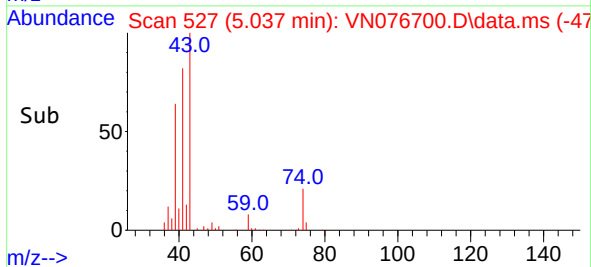
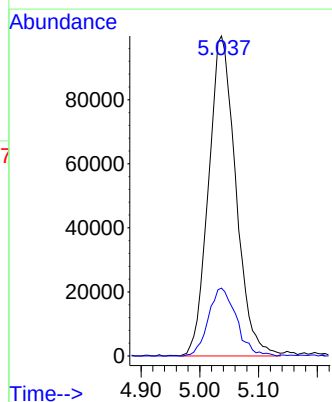
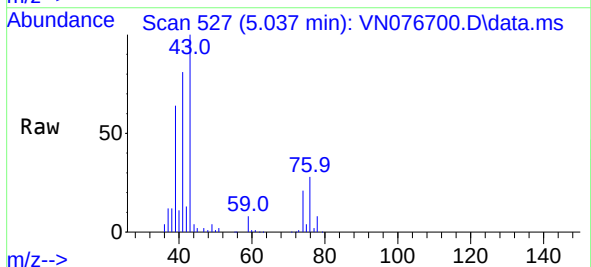
Manual Integrations
APPROVED

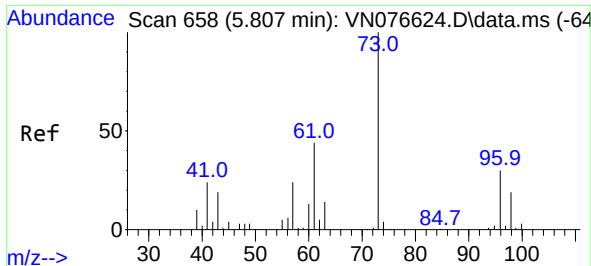
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#18
Methyl Acetate
Concen: 49.728 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Tgt Ion: 43 Resp: 321506
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5





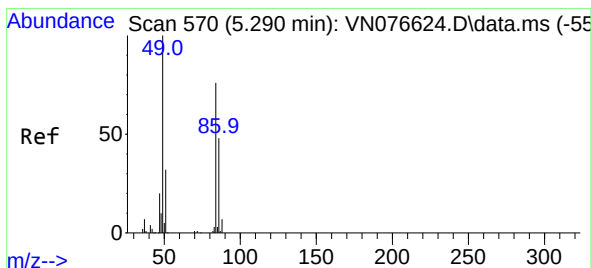
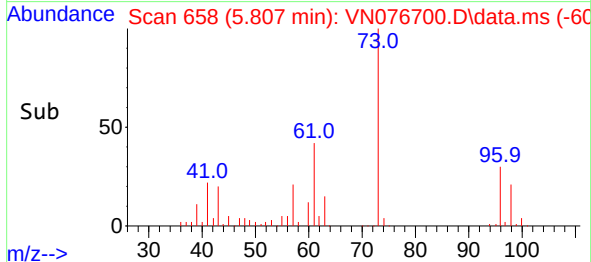
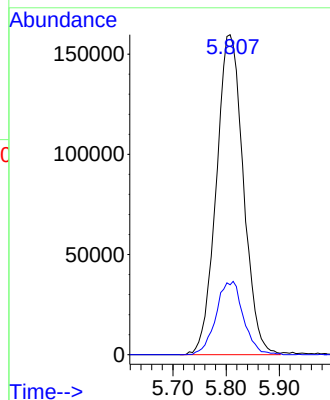
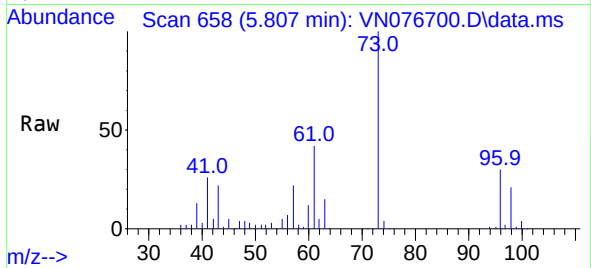
#19
Methyl tert-butyl Ether
Concen: 50.414 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 563370
Ion Ratio Lower Upper
73 100
57 21.9 19.0 28.4

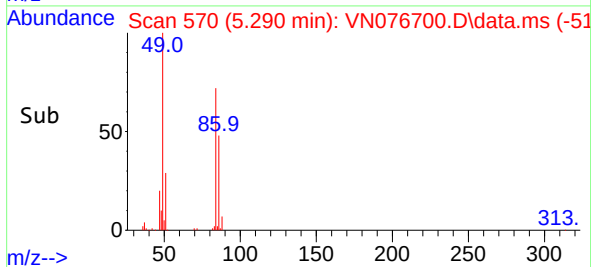
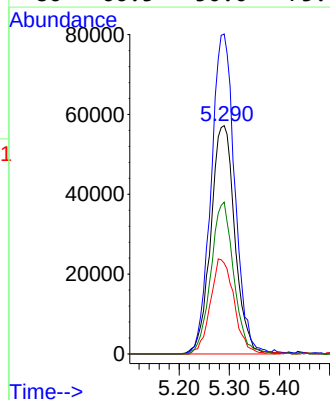
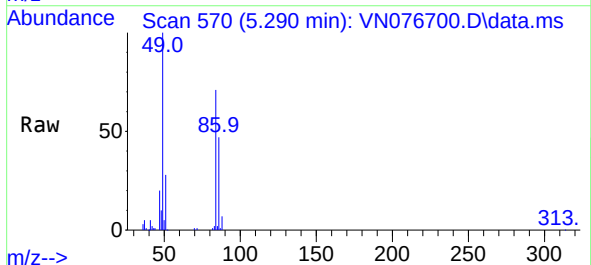
Manual Integrations
APPROVED

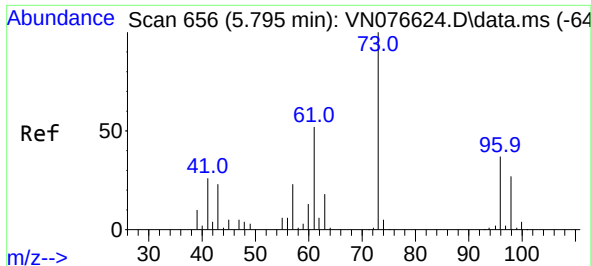
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#20
Methylene Chloride
Concen: 45.988 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

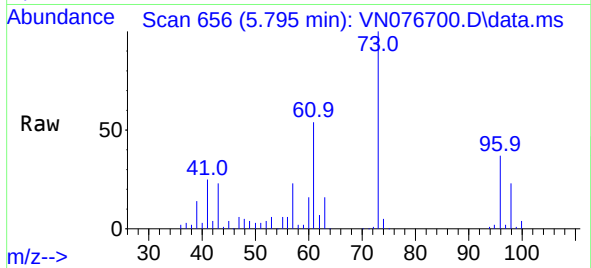
Tgt Ion: 84 Resp: 190906
Ion Ratio Lower Upper
84 100
49 140.1 104.9 157.3
51 39.7 33.8 50.8
86 66.5 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 45.722 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

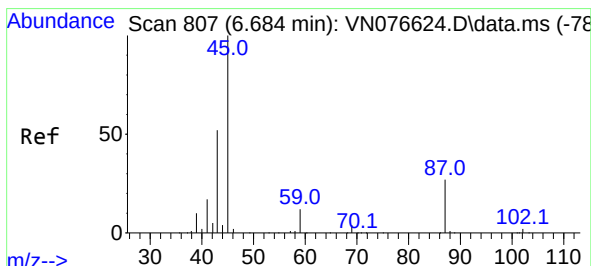
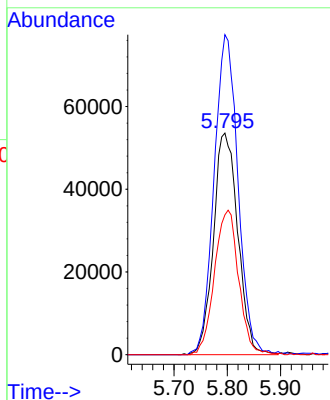
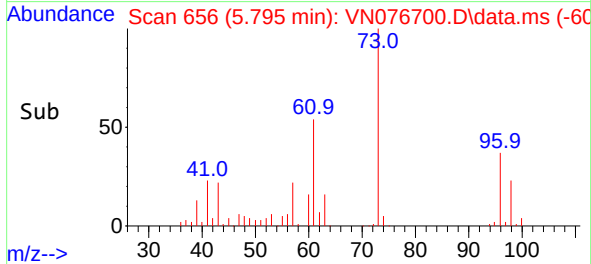
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



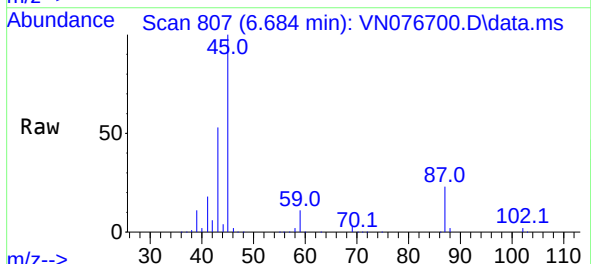
Tgt Ion: 96 Resp: 17059
Ion Ratio Lower Upper
96 100
61 144.4 113.9 170.9
98 63.1 59.4 89.0

Manual Integrations
APPROVED

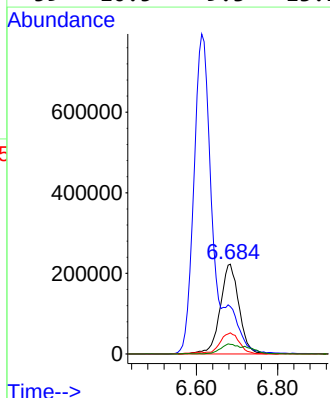
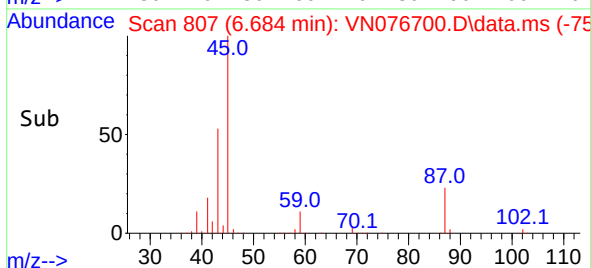
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

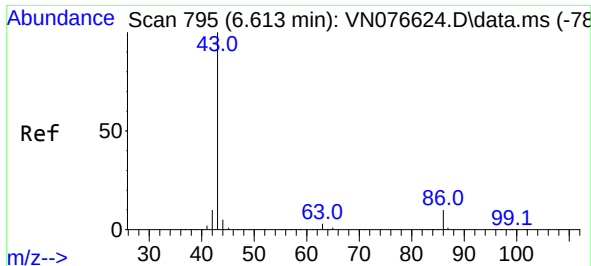


#22
Diisopropyl ether
Concen: 53.219 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



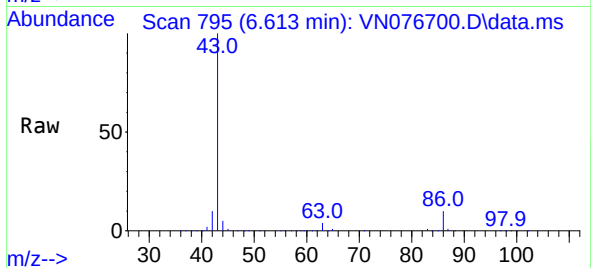
Tgt Ion: 45 Resp: 716872
Ion Ratio Lower Upper
45 100
43 51.8 41.8 62.6
87 23.4 21.8 32.8
59 10.5 9.3 13.9





#23
 Vinyl Acetate
 Concen: 296.886 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076700.D
 Acq: 16 Feb 2023 10:20

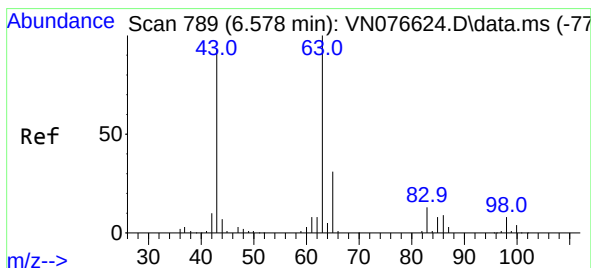
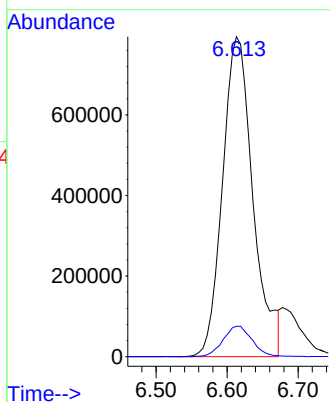
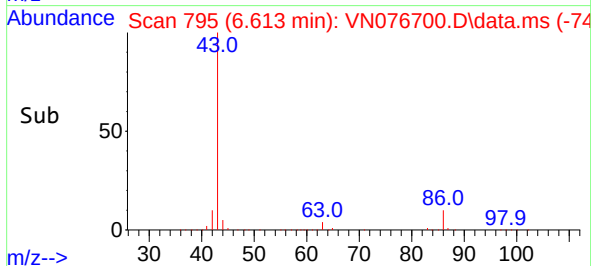
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



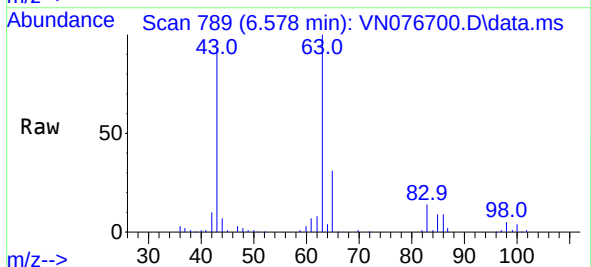
Tgt Ion: 43 Resp: 236615
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2

Manual Integrations
 APPROVED

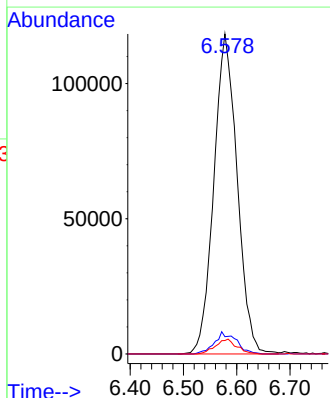
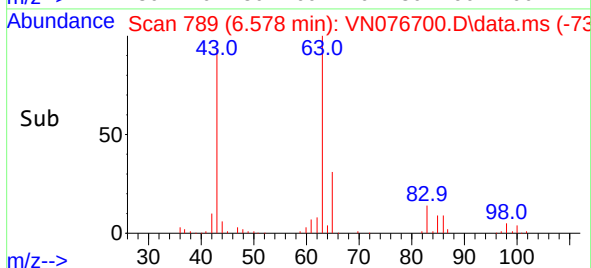
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023

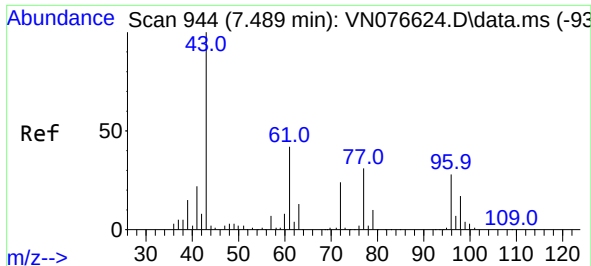


#24
 1,1-Dichloroethane
 Concen: 48.750 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076700.D
 Acq: 16 Feb 2023 10:20



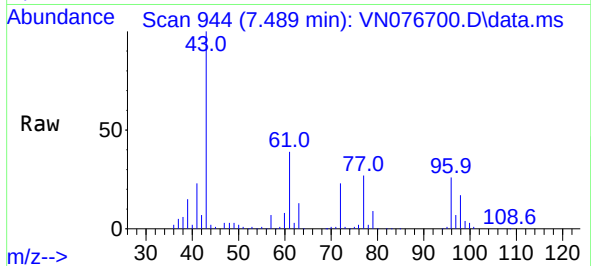
Tgt Ion: 63 Resp: 359896
 Ion Ratio Lower Upper
 63 100
 98 5.4 4.1 12.3
 100 4.2 2.0 5.8





#25
2-Butanone
Concen: 254.252 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

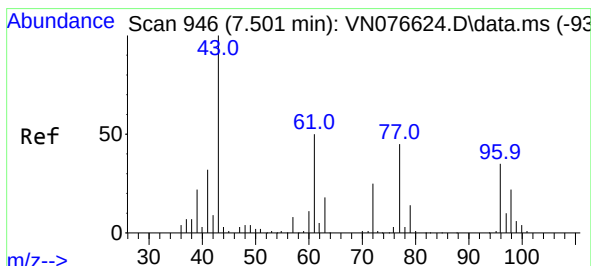
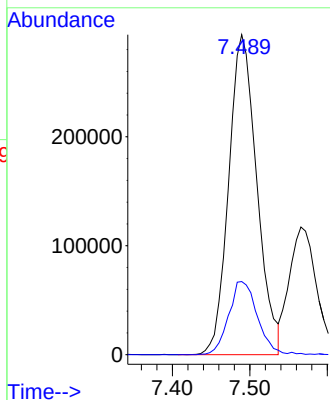
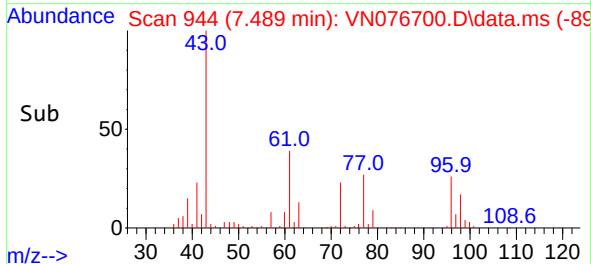
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



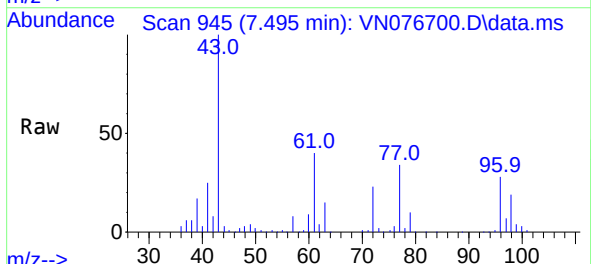
Tgt Ion: 43 Resp: 742844
Ion Ratio Lower Upper
43 100
72 22.9 19.4 29.2

Manual Integrations
APPROVED

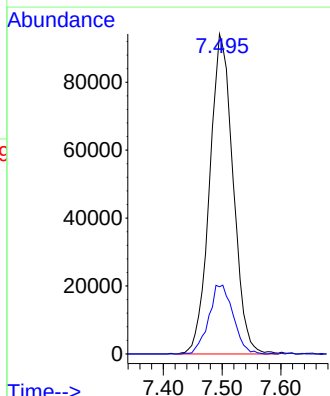
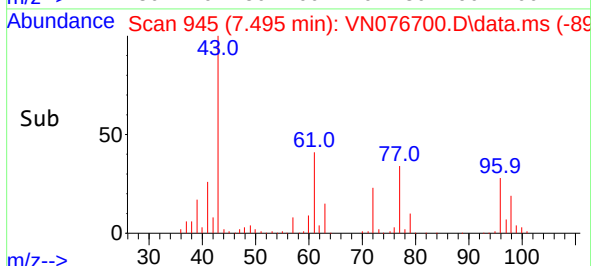
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

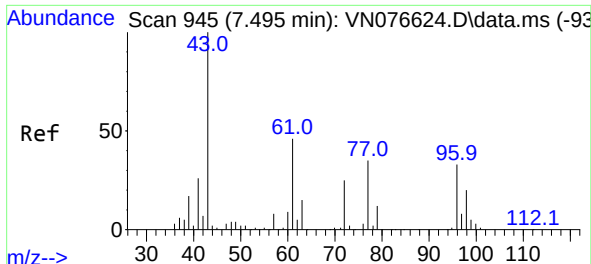


#26
2,2-Dichloropropane
Concen: 49.097 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



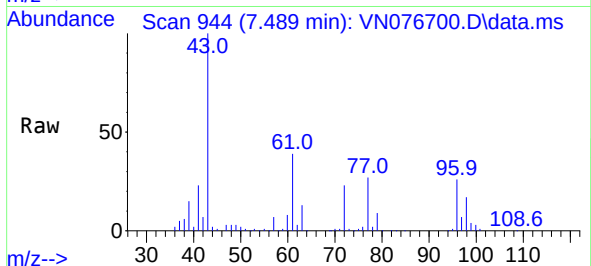
Tgt Ion: 77 Resp: 261440
Ion Ratio Lower Upper
77 100
97 22.4 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 47.480 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

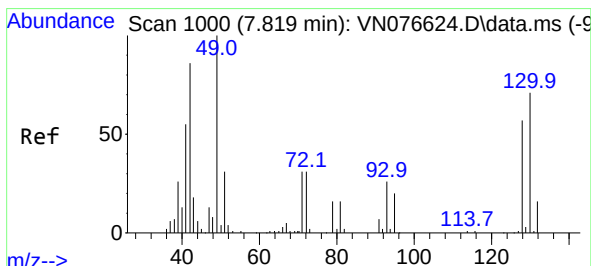
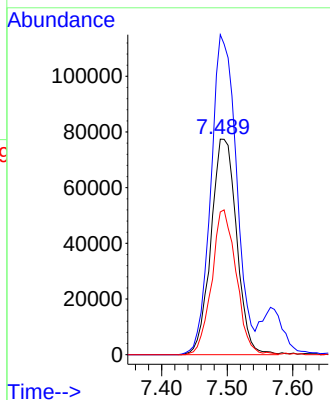
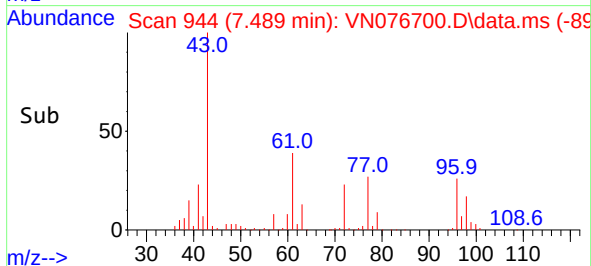
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 21011
Ion Ratio Lower Upper
96 100
61 148.5 0.0 286.8
98 64.1 0.0 124.0

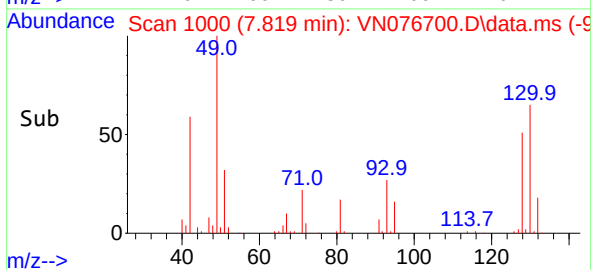
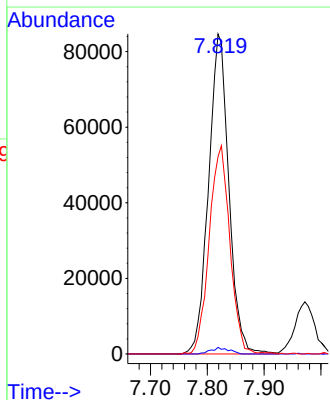
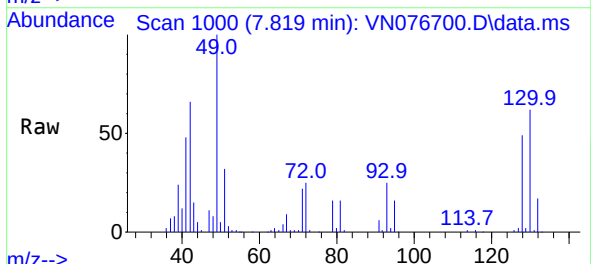
Manual Integrations
APPROVED

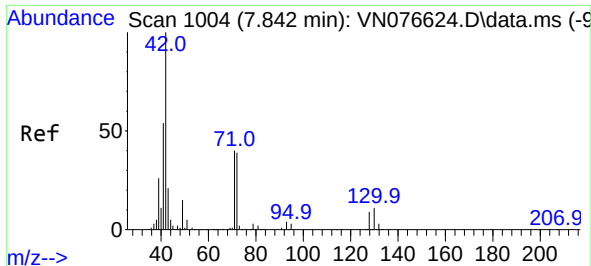
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
Bromochloromethane
Concen: 59.717 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

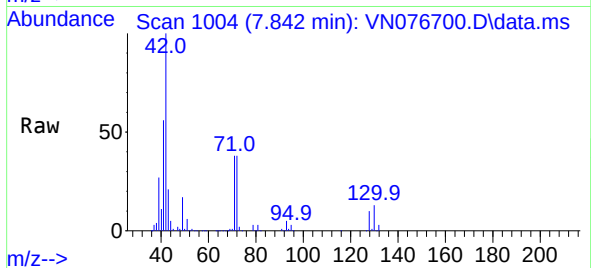
Tgt Ion: 49 Resp: 209826
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 66.1 57.8 86.8





#29
Tetrahydrofuran
Concen: 260.635 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

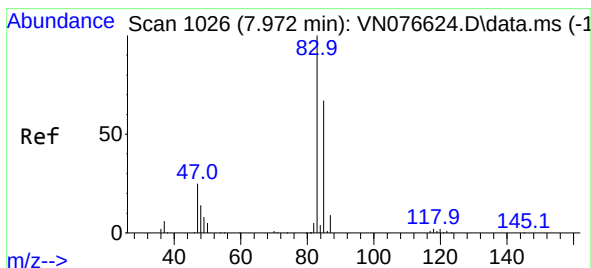
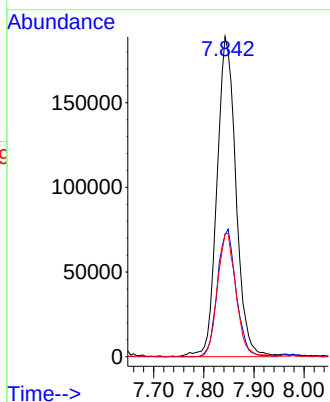
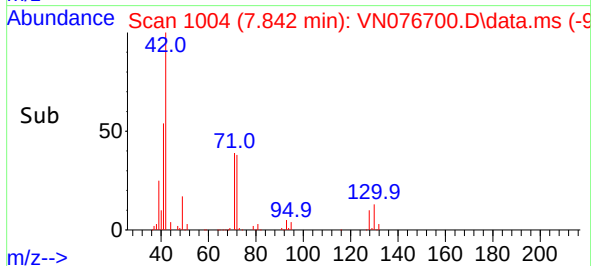
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 49752
Ion Ratio Lower Upper
42 100
72 39.0 31.5 47.3
71 37.8 29.8 44.8

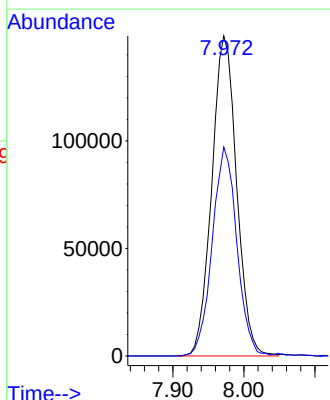
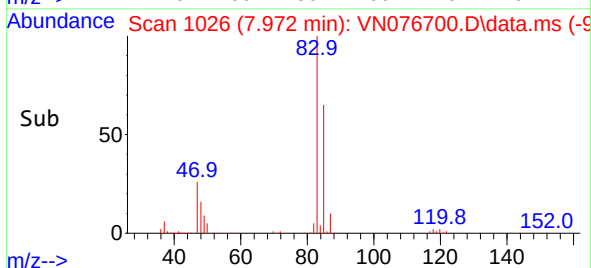
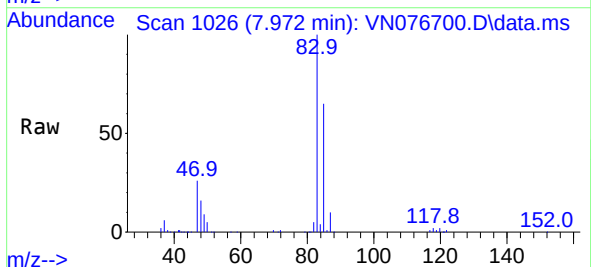
Manual Integrations
APPROVED

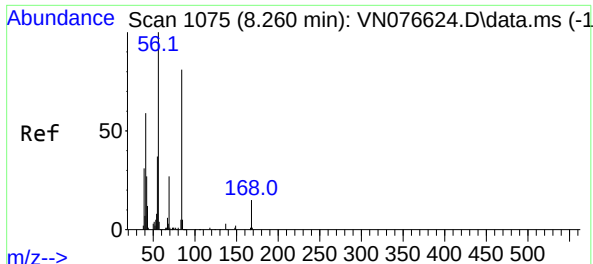
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#30
Chloroform
Concen: 49.003 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

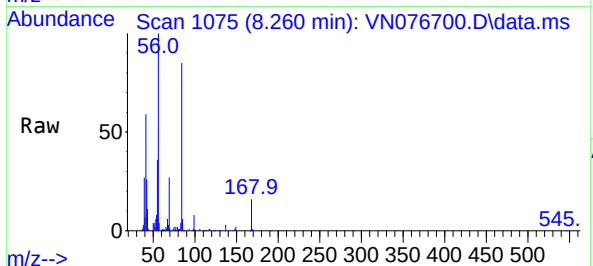
Tgt Ion: 83 Resp: 361451
Ion Ratio Lower Upper
83 100
85 65.3 53.5 80.3





#31
Cyclohexane
Concen: 46.804 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

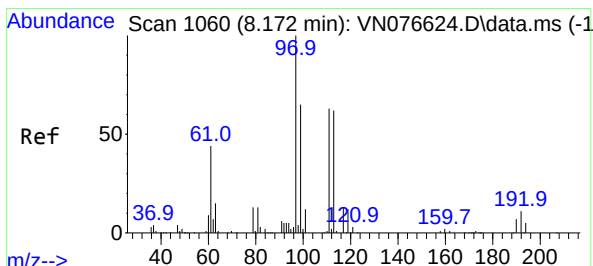
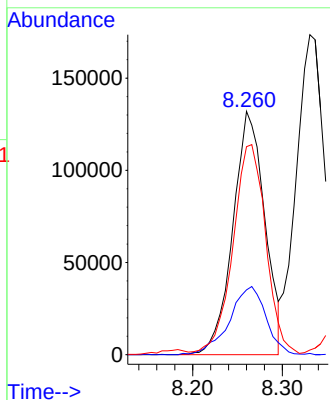
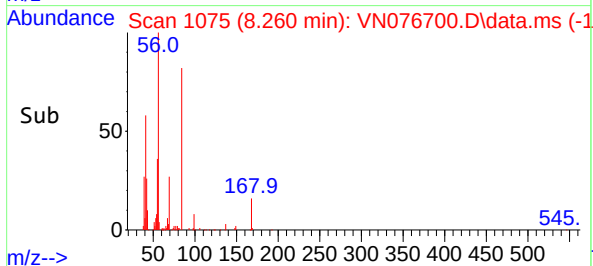
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



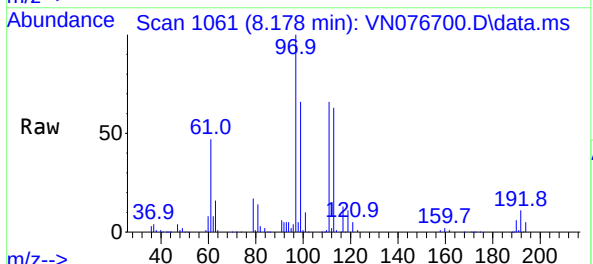
Tgt Ion: 56 Resp: 325552
Ion Ratio Lower Upper
56 100
69 26.6 21.6 32.4
84 83.2 65.1 97.7

Manual Integrations
APPROVED

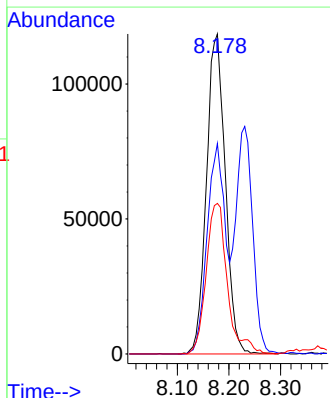
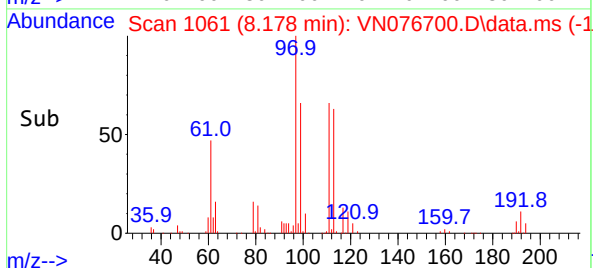
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

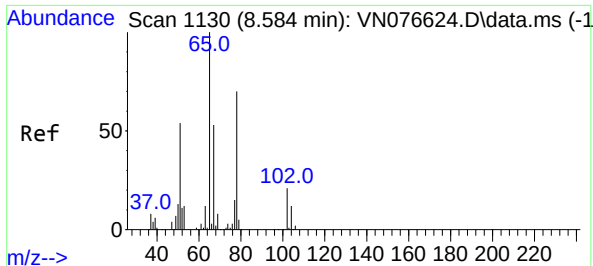


#32
1,1,1-Trichloroethane
Concen: 48.337 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



Tgt Ion: 97 Resp: 299773
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 53.0 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 54.748 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

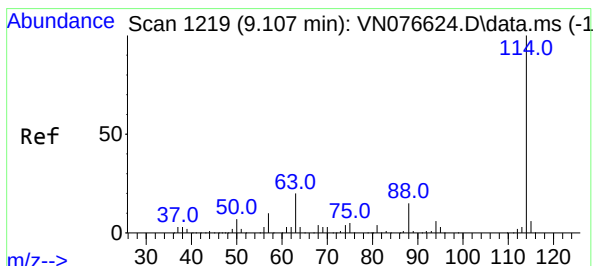
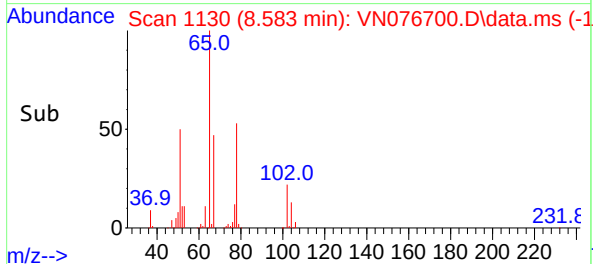
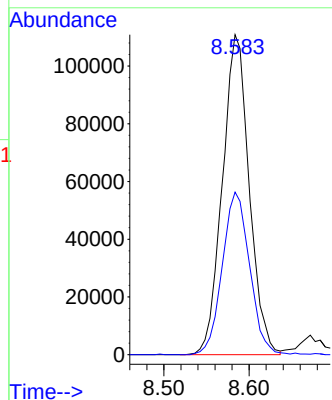
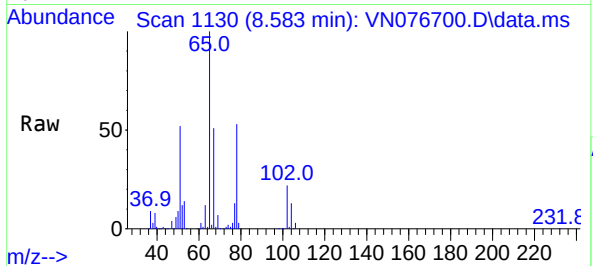
VSTDCCC050

Tgt Ion: 65 Resp: 24276
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6

Manual Integrations

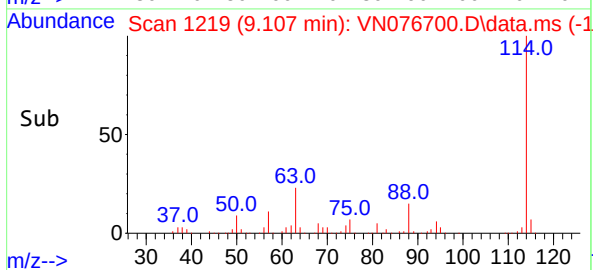
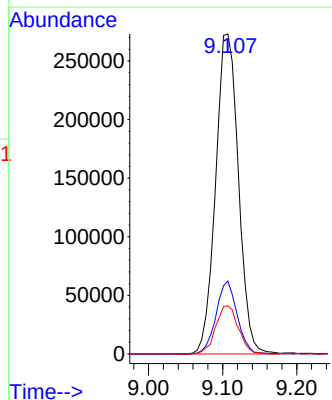
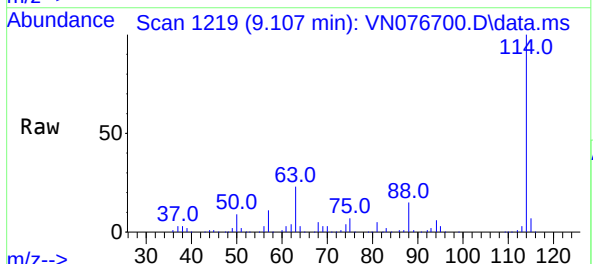
APPROVED

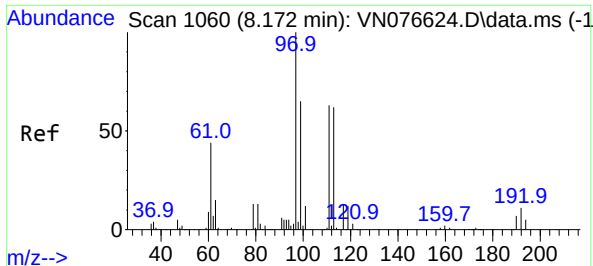
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

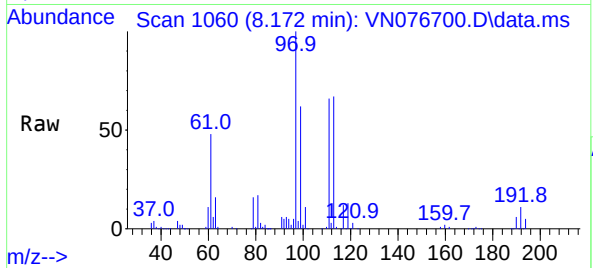
Tgt Ion:114 Resp: 583818
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.0
88 15.1 0.0 29.6





#35
Dibromofluoromethane
Concen: 50.268 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

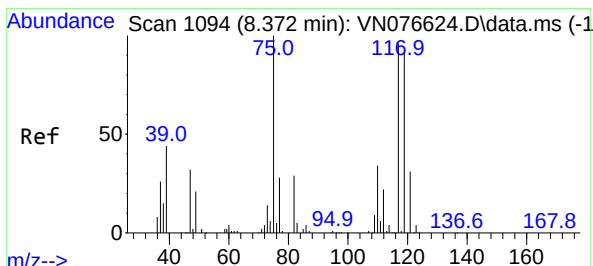
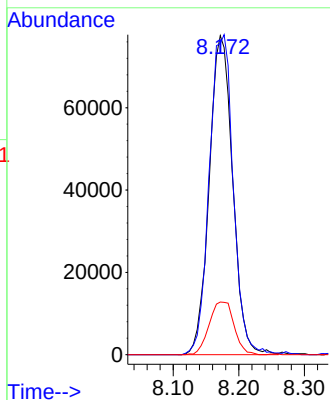
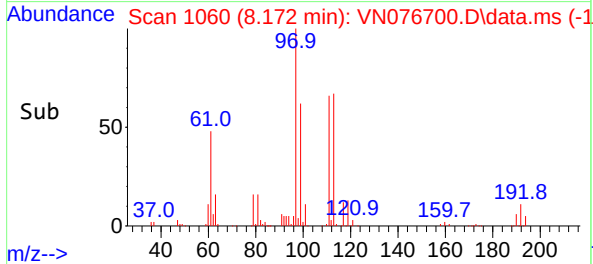
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



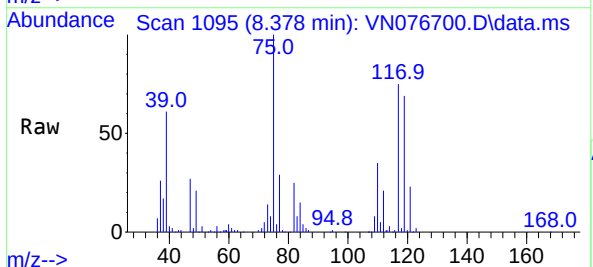
Tgt Ion:113 Resp: 192189
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 17.5 15.6 23.4

Manual Integrations
APPROVED

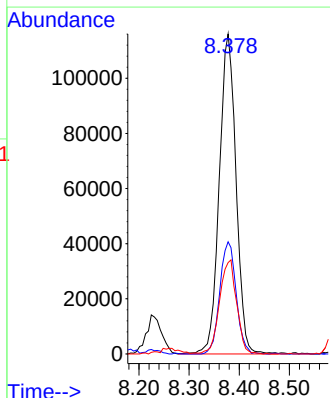
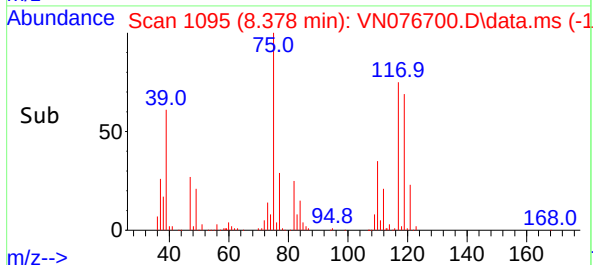
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

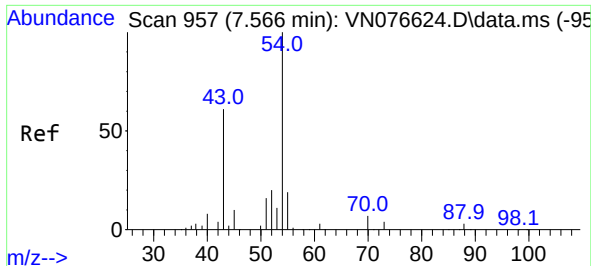


#36
1,1-Dichloropropene
Concen: 48.718 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



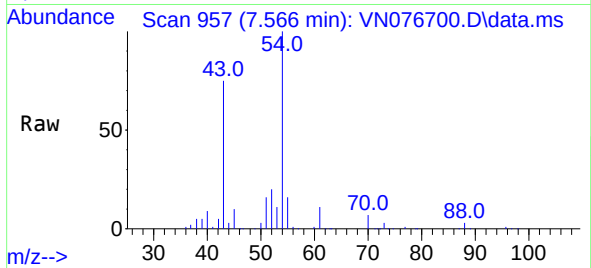
Tgt Ion: 75 Resp: 269120
Ion Ratio Lower Upper
75 100
110 34.3 17.5 52.5
77 29.9 24.5 36.7





#37
Ethyl Acetate
Concen: 50.469 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

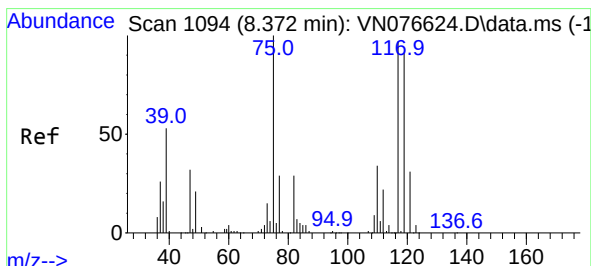
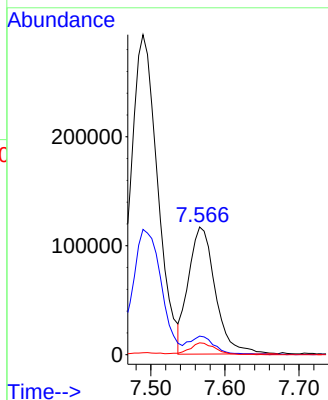
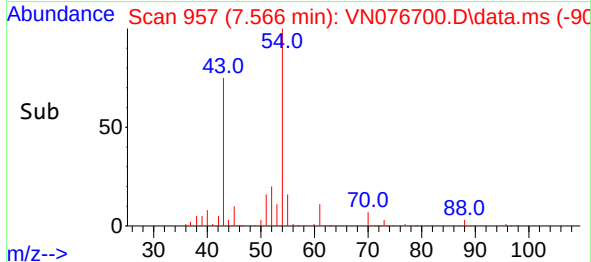
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 293328
Ion Ratio Lower Upper
43 100
61 14.0 9.9 14.9
70 8.9 7.8 11.6

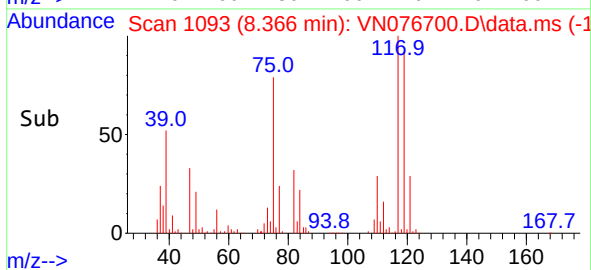
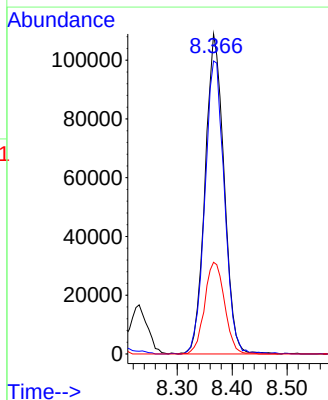
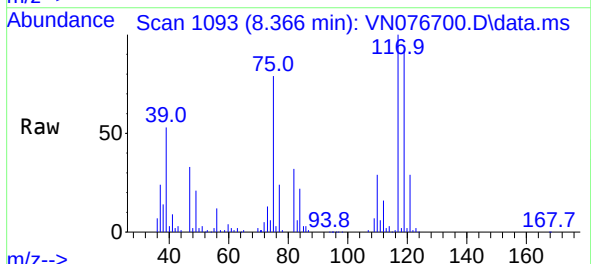
Manual Integrations
APPROVED

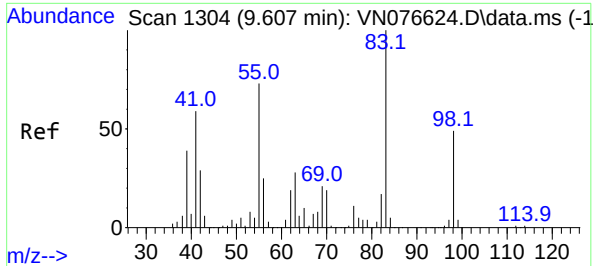
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Carbon Tetrachloride
Concen: 46.798 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Tgt Ion:117 Resp: 260788
Ion Ratio Lower Upper
117 100
119 91.6 75.4 113.0
121 28.7 26.0 39.0





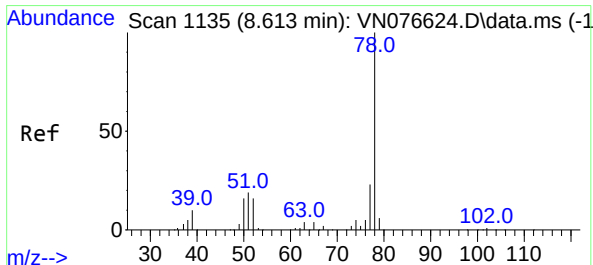
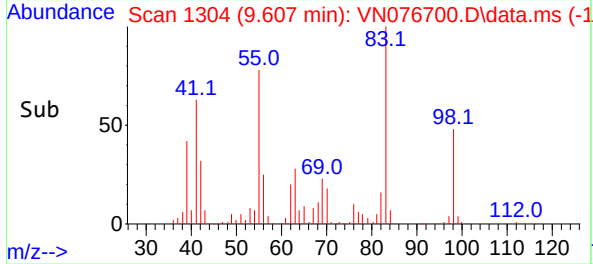
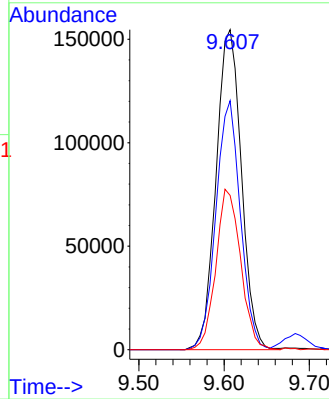
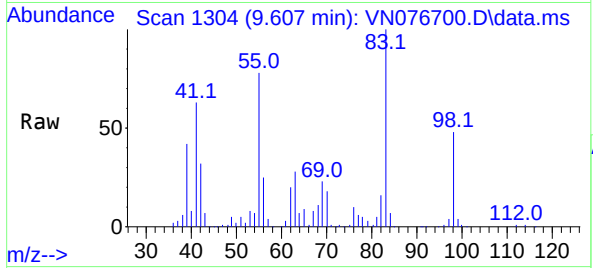
#39
Methylcyclohexane
Concen: 50.870 ug/l
RT: 9.607 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 319419
Ion Ratio Lower Upper
83 100
55 77.8 58.6 88.0
98 48.2 39.4 59.2

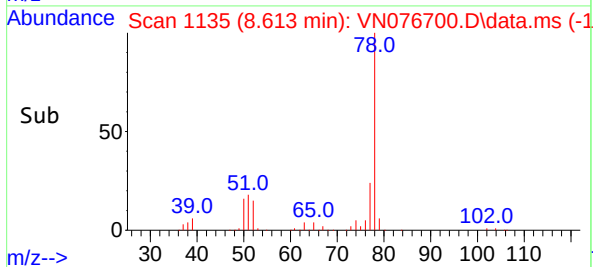
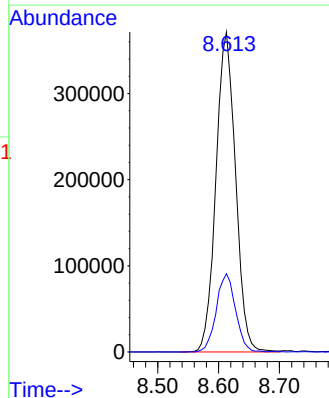
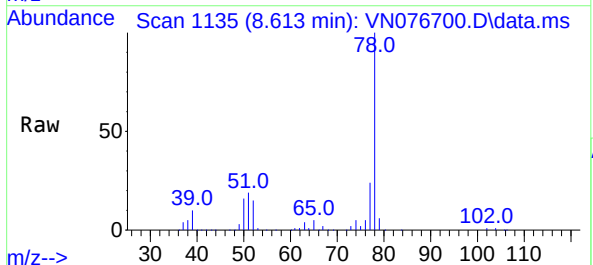
Manual Integrations
APPROVED

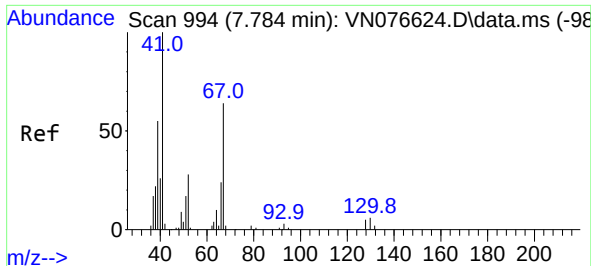
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40
Benzene
Concen: 48.868 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Tgt Ion: 78 Resp: 829001
Ion Ratio Lower Upper
78 100
77 24.5 18.2 27.4





#41
Methacrylonitrile
Concen: 50.952 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

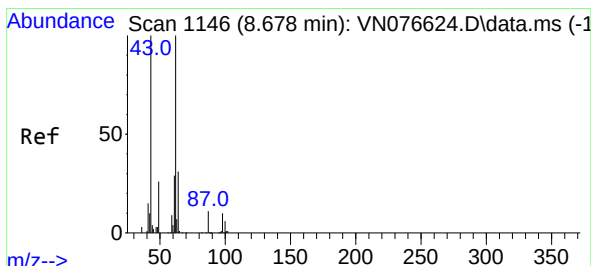
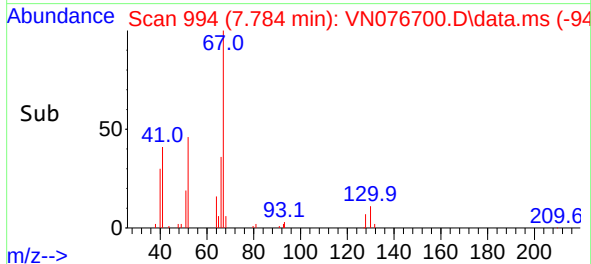
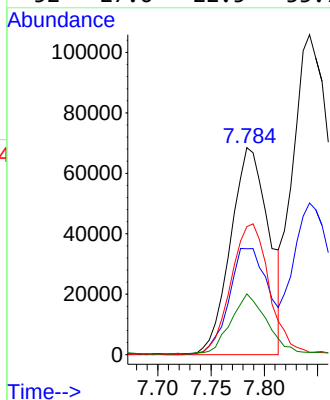
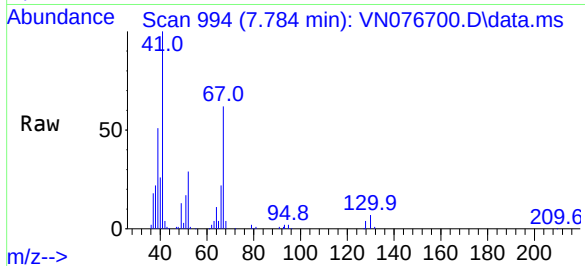
VSTDCCC050

Tgt Ion: 41 Resp: 17155
Ion Ratio Lower Upper
41 100
39 53.3 42.6 63.8
67 63.7 51.4 77.0
52 27.6 22.5 33.7

Manual Integrations

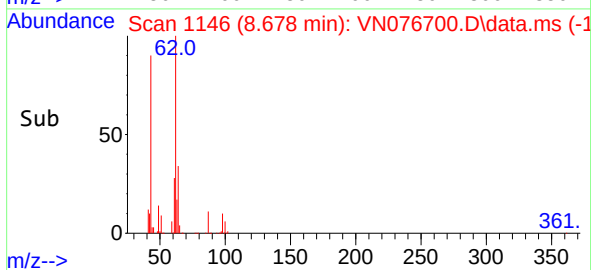
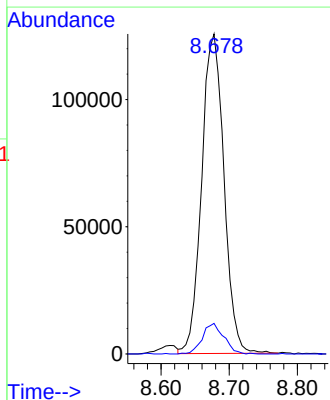
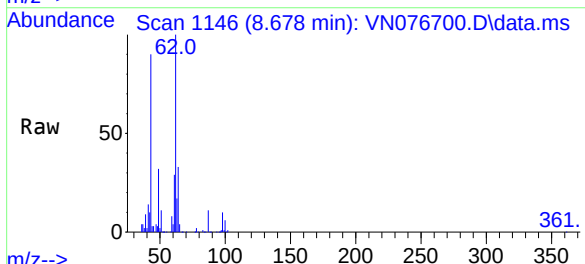
APPROVED

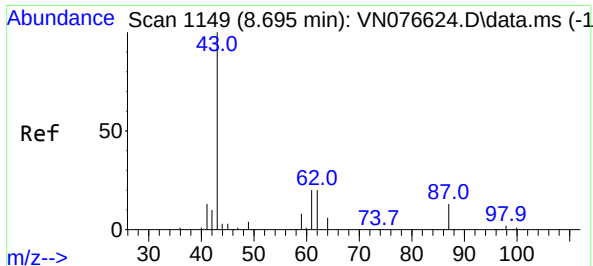
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#42
1,2-Dichloroethane
Concen: 48.272 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Tgt Ion: 62 Resp: 285604
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 51.796 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076700.D

Acq: 16 Feb 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 48985

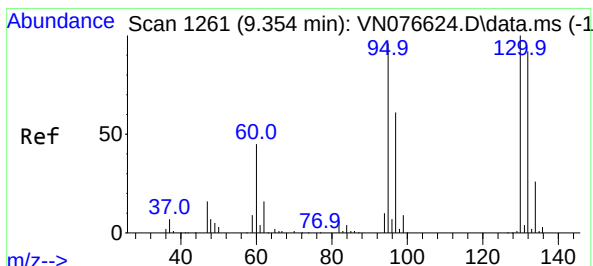
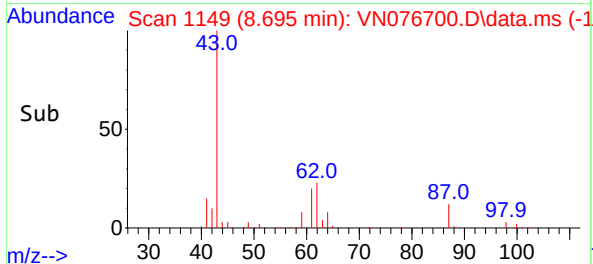
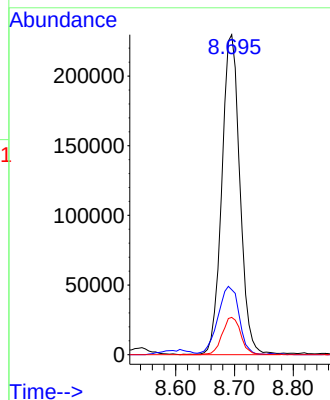
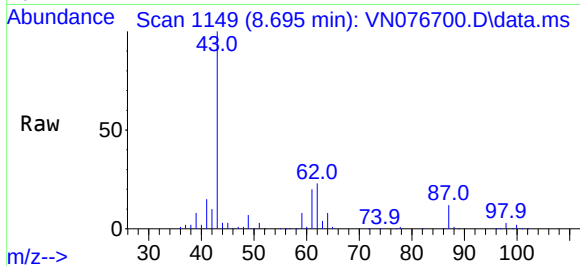
Ion	Ratio	Lower	Upper
43	100		
61	24.9	20.0	30.0
87	12.0	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#44

Trichloroethene

Concen: 46.738 ug/l

RT: 9.360 min Scan# 1262

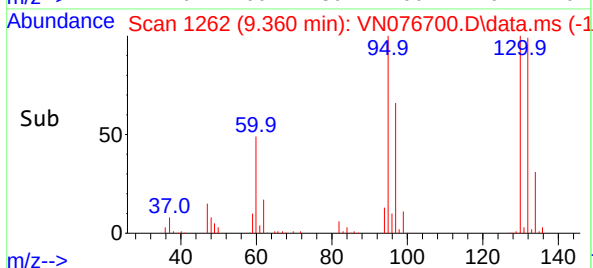
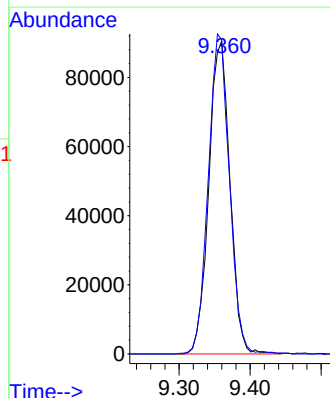
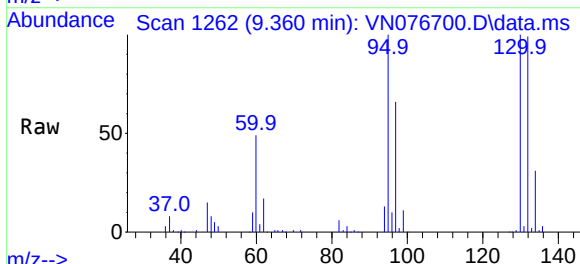
Delta R.T. 0.006 min

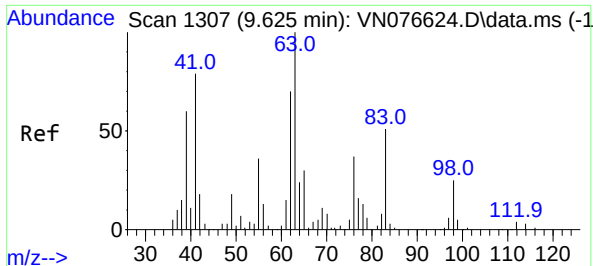
Lab File: VN076700.D

Acq: 16 Feb 2023 10:20

Tgt Ion:130 Resp: 187364

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	191.4





#45

1,2-Dichloropropane

Concen: 48.831 ug/l

RT: 9.630 min Scan# 1307

Delta R.T. 0.005 min

Lab File: VN076700.D

Acq: 16 Feb 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 21928

Ion Ratio Lower Upper

63 100

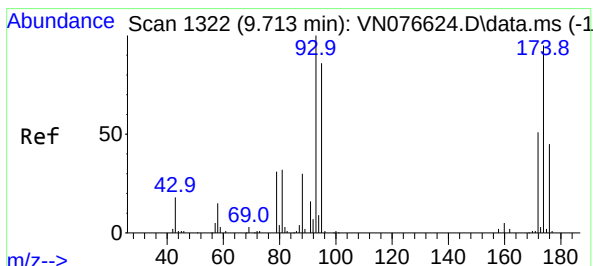
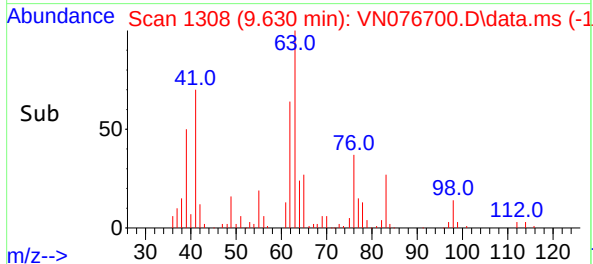
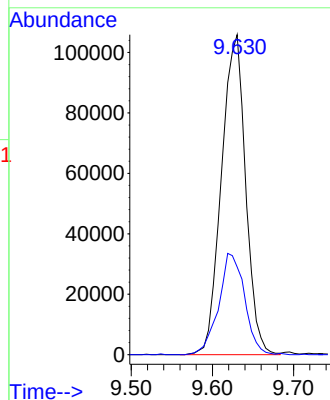
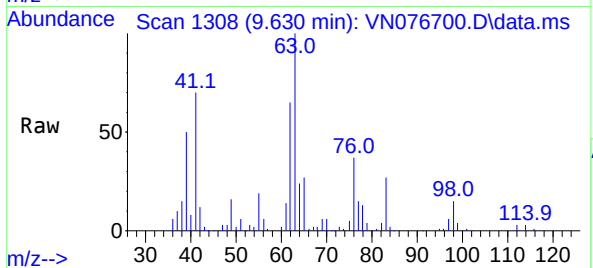
65 27.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#46

Dibromomethane

Concen: 49.622 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076700.D

Acq: 16 Feb 2023 10:20

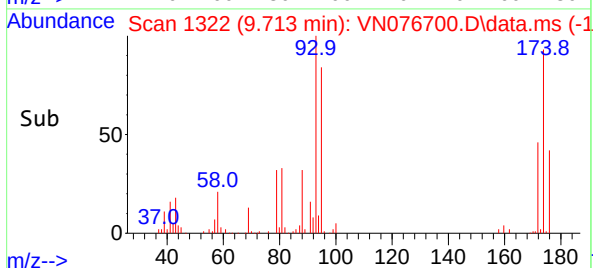
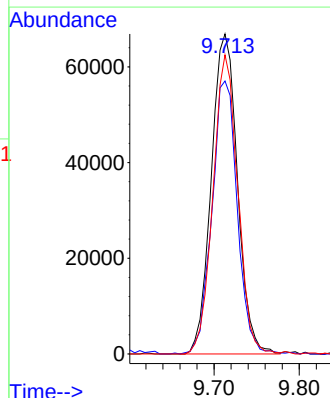
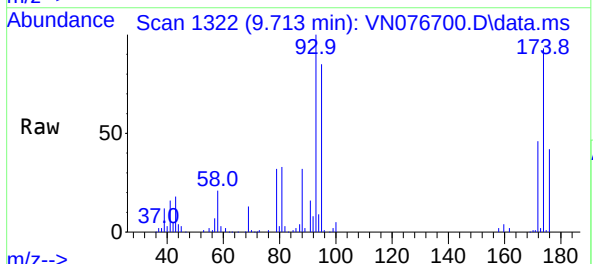
Tgt Ion: 93 Resp: 142461

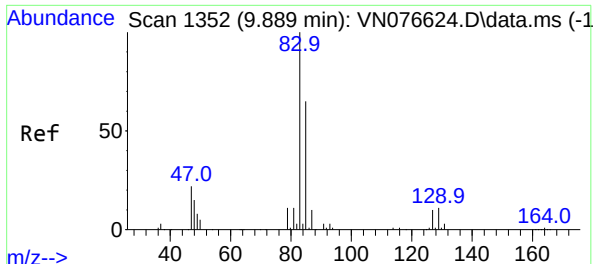
Ion Ratio Lower Upper

93 100

95 83.0 66.0 99.0

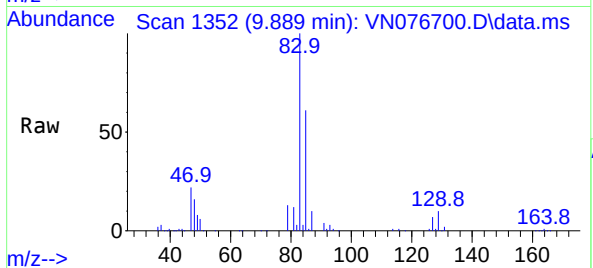
174 88.7 75.8 113.8





#47
Bromodichloromethane
Concen: 49.901 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

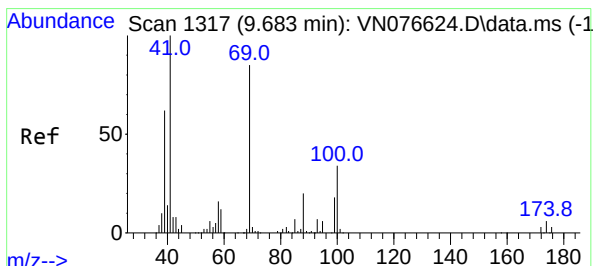
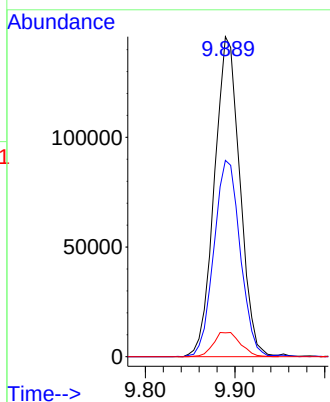
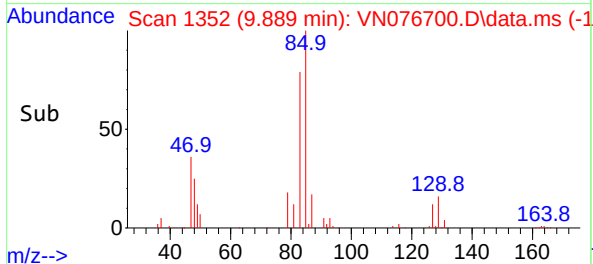
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



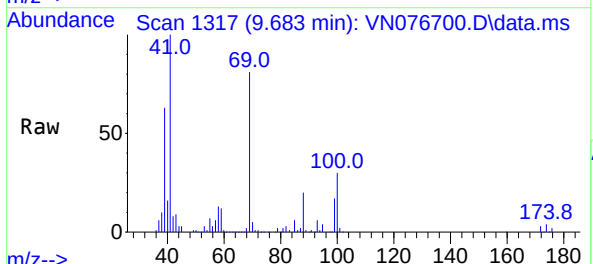
Tgt Ion: 83 Resp: 287220
Ion Ratio Lower Upper
83 100
85 61.2 51.8 77.6
127 7.5 7.9 11.9

Manual Integrations
APPROVED

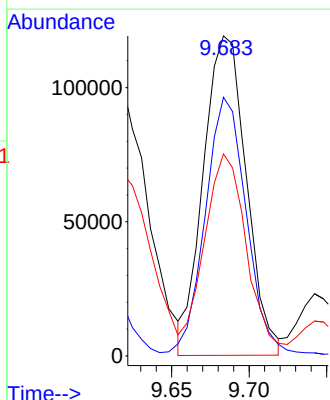
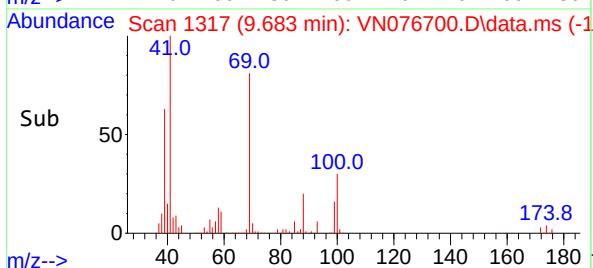
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

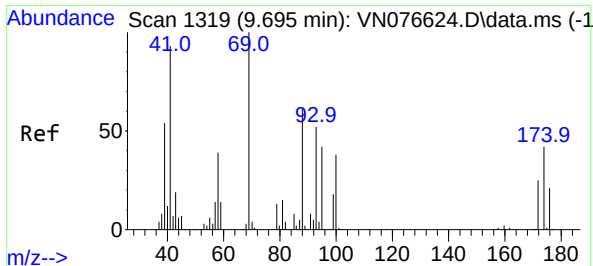


#48
Methyl methacrylate
Concen: 51.105 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



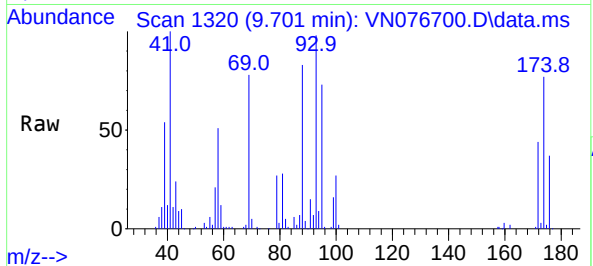
Tgt Ion: 41 Resp: 229349
Ion Ratio Lower Upper
41 100
69 79.0 65.4 98.0
39 62.9 49.3 73.9





#49
1,4-Dioxane
Concen: 1084.190 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

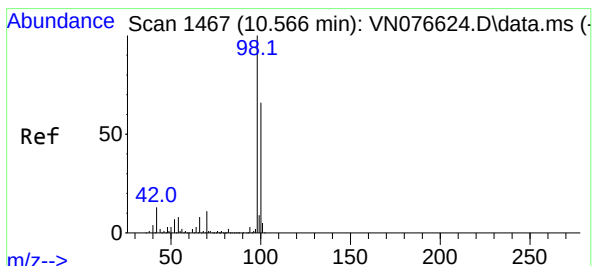
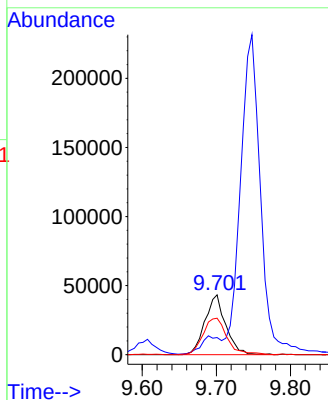
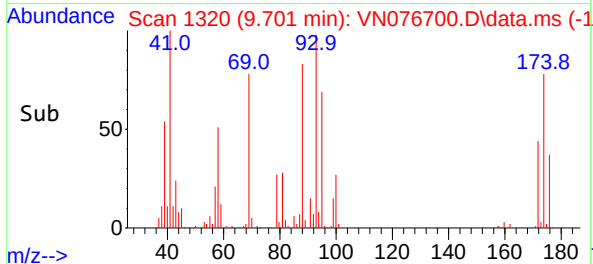
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 8416
Ion Ratio Lower Upper
88 100
43 28.4 22.6 33.8
58 70.4 57.6 86.4

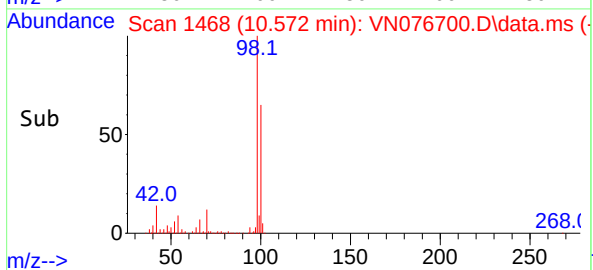
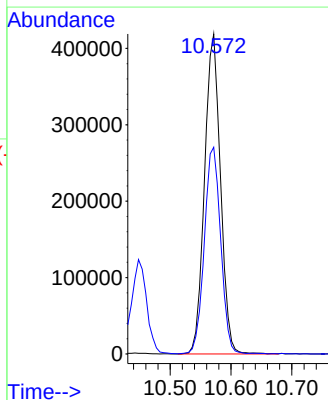
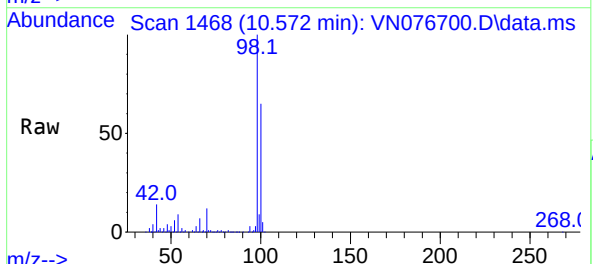
Manual Integrations
APPROVED

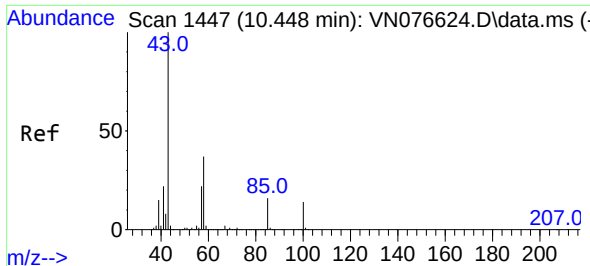
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#50
Toluene-d8
Concen: 53.393 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

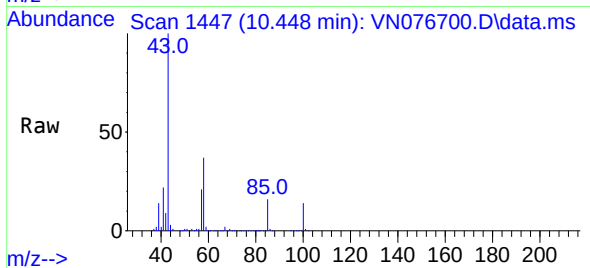
Tgt Ion: 98 Resp: 762364
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 264.552 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

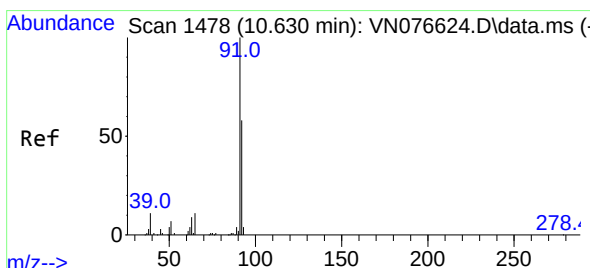
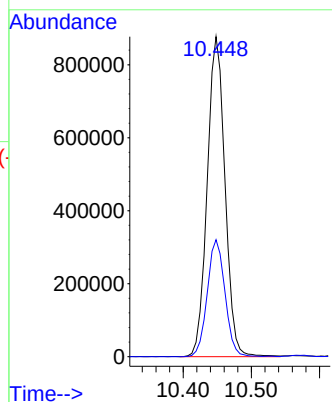
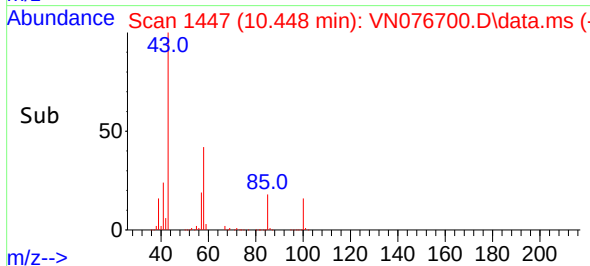
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



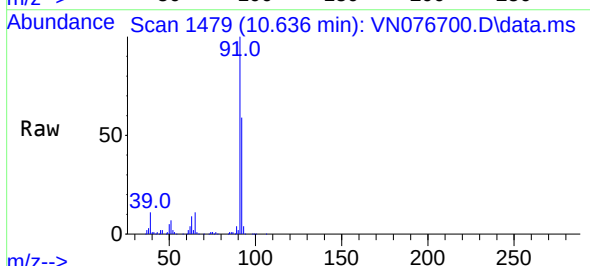
Tgt Ion: 43 Resp: 1591898
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3

Manual Integrations
APPROVED

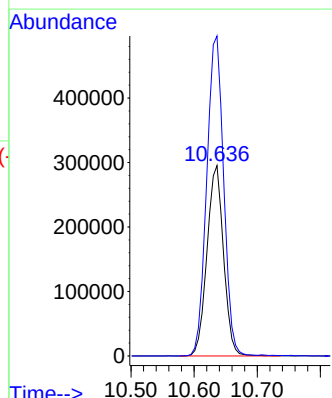
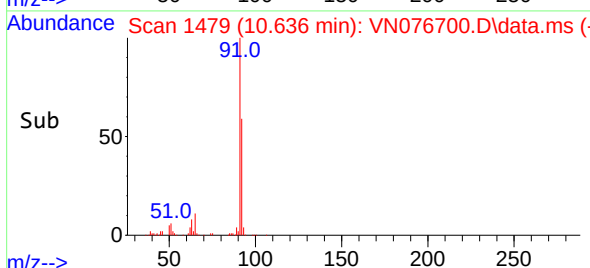
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

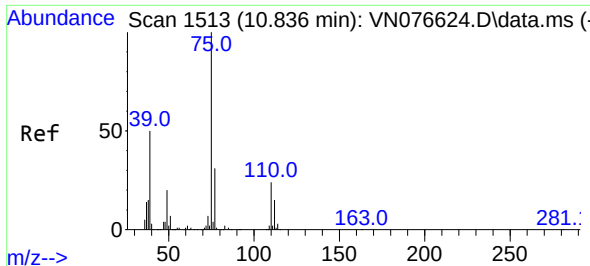


#52
Toluene
Concen: 52.341 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



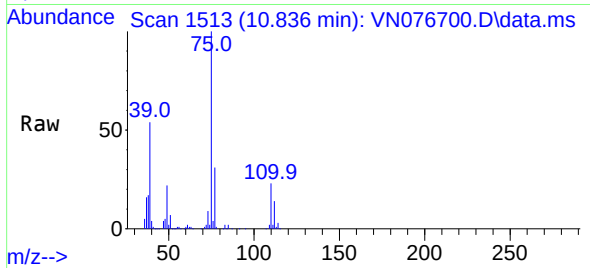
Tgt Ion: 92 Resp: 536074
Ion Ratio Lower Upper
92 100
91 172.0 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 53.703 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

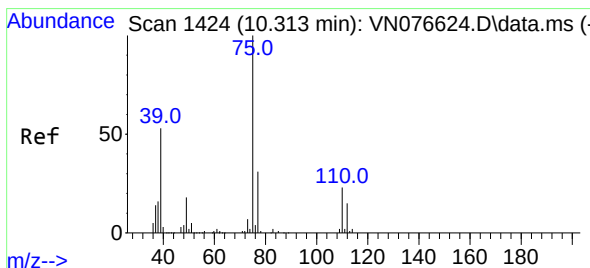
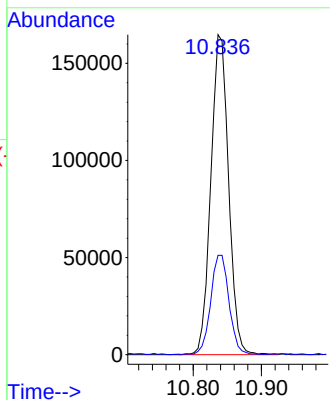
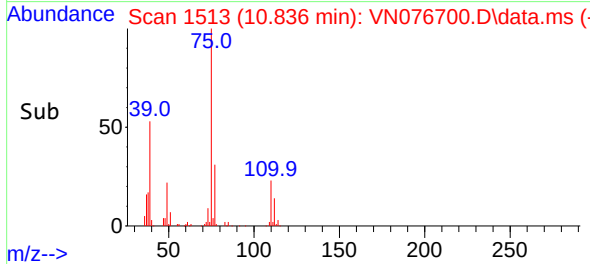
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



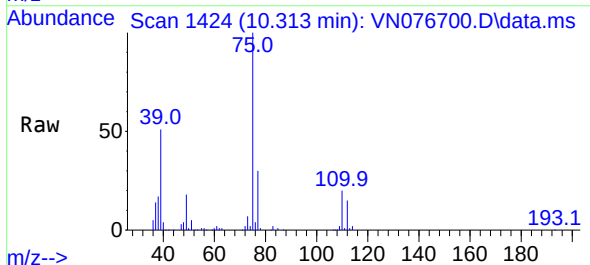
Tgt Ion: 75 Resp: 298354
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0

Manual Integrations
APPROVED

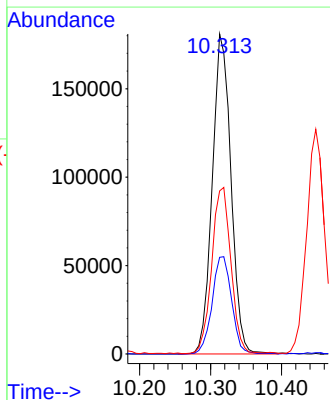
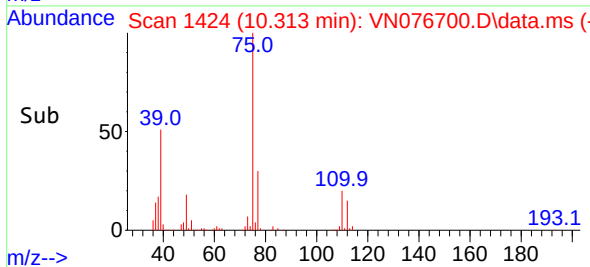
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

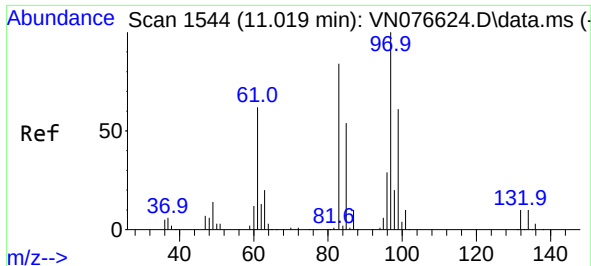


#54
cis-1,3-Dichloropropene
Concen: 51.501 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



Tgt Ion: 75 Resp: 330030
Ion Ratio Lower Upper
75 100
77 30.2 25.1 37.7
39 50.7 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 50.678 ug/l
RT: 11.019 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

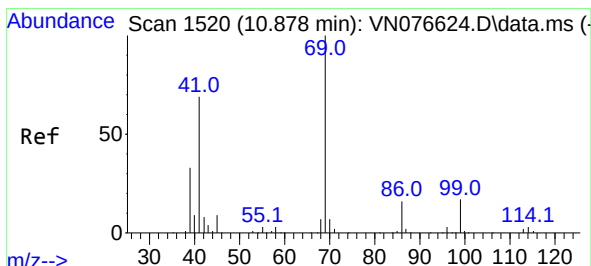
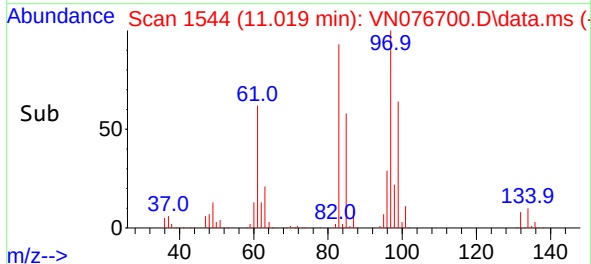
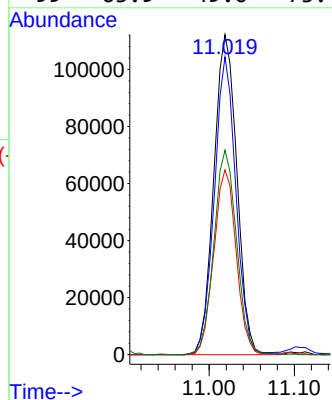
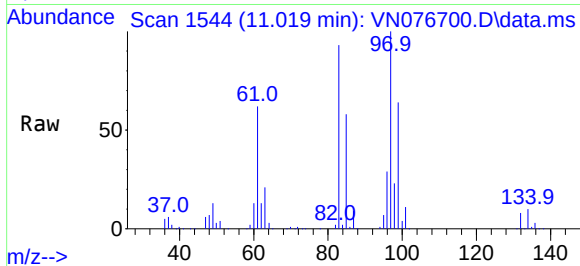
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 21105

Ion	Ratio	Lower	Upper
97	100		
83	93.1	67.3	100.9
85	57.8	43.2	64.8
99	63.9	49.0	73.4

Manual Integrations
APPROVED

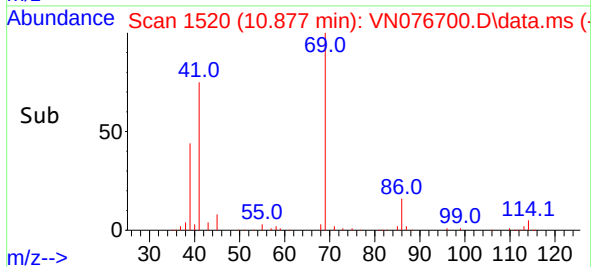
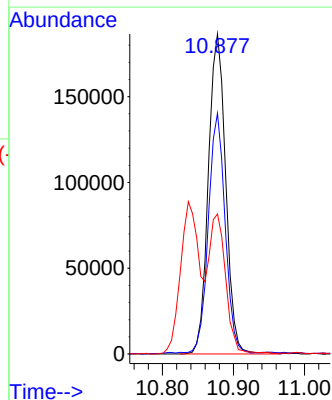
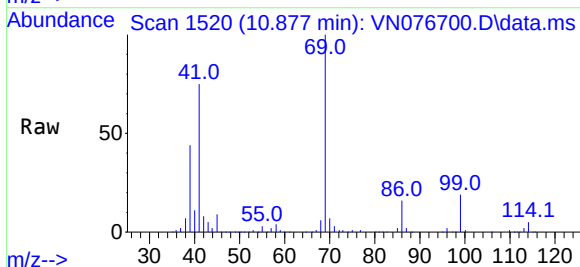
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

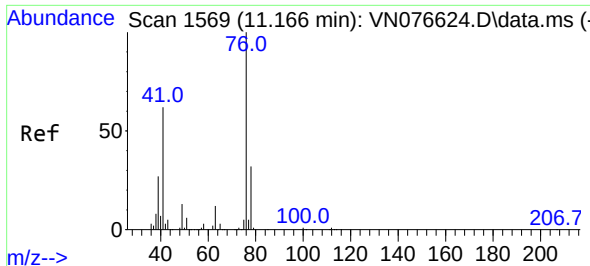


#56
Ethyl methacrylate
Concen: 54.033 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Tgt Ion: 69 Resp: 316749

Ion	Ratio	Lower	Upper
69	100		
41	72.4	55.1	82.7
39	40.8	30.7	46.1





#57

1,3-Dichloropropane

Concen: 51.086 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076700.D

Acq: 16 Feb 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 365520

Ion Ratio Lower Upper

76 100

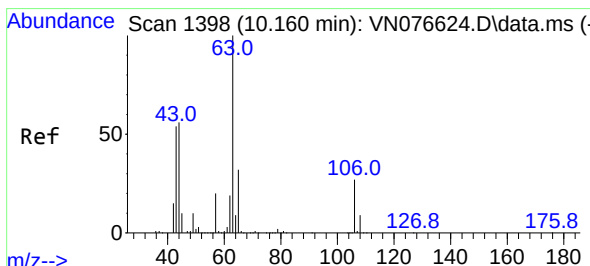
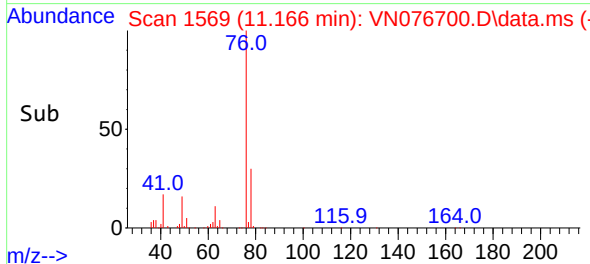
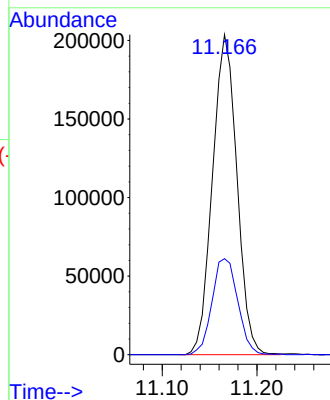
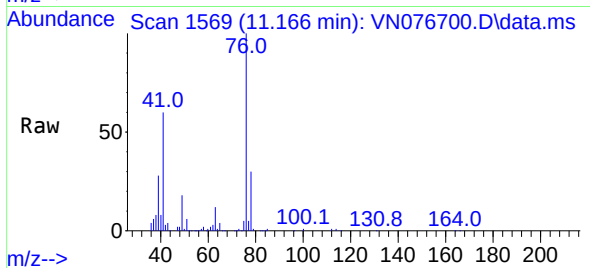
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 264.739 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076700.D

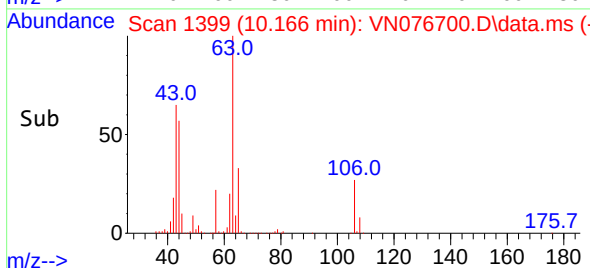
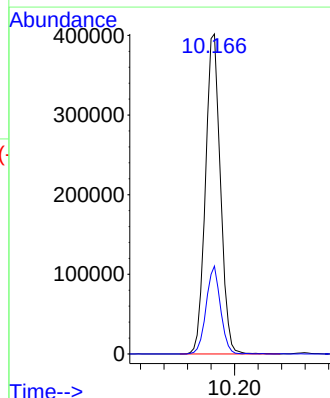
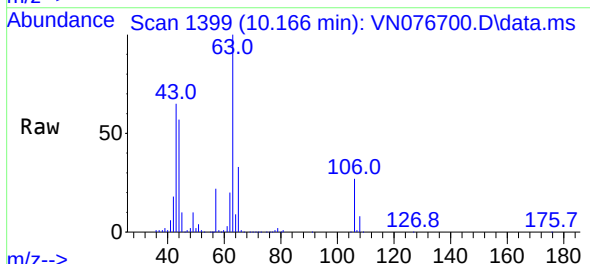
Acq: 16 Feb 2023 10:20

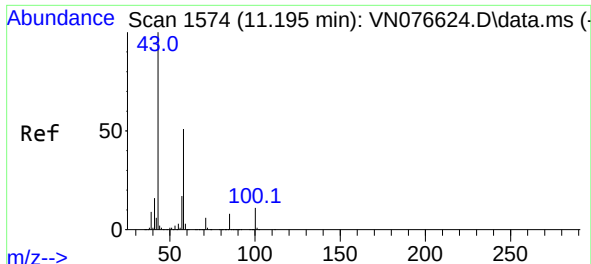
Tgt Ion: 63 Resp: 710747

Ion Ratio Lower Upper

63 100

106 26.3 22.3 33.5





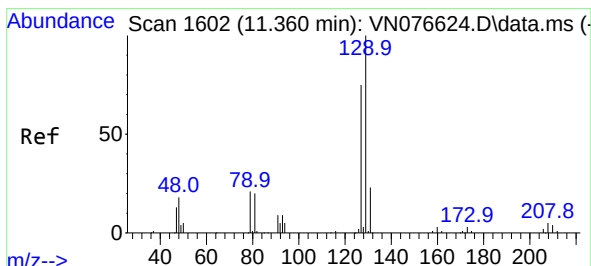
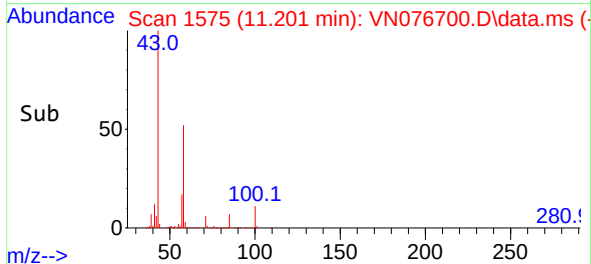
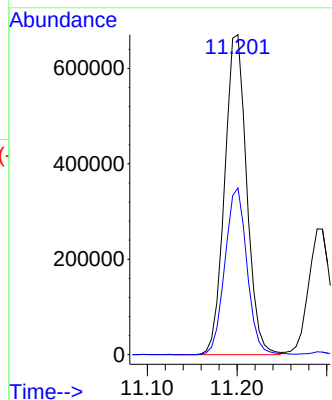
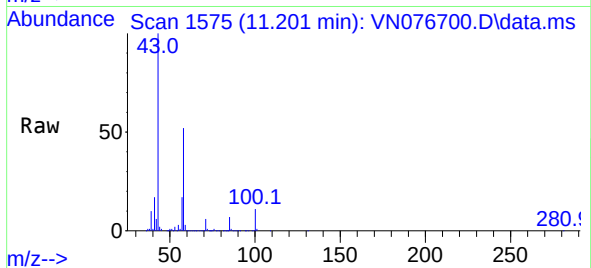
#59
2-Hexanone
Concen: 263.954 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1145219
Ion Ratio Lower Upper
43 100
58 52.1 25.4 76.0

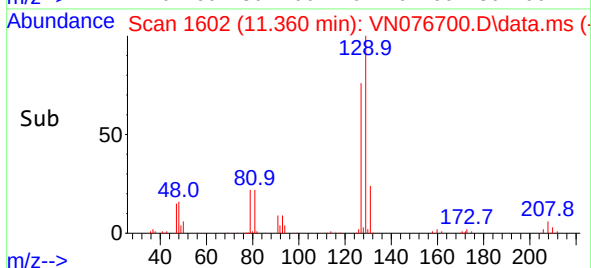
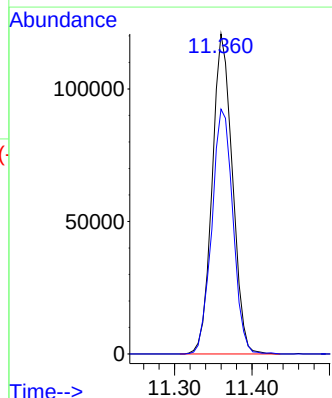
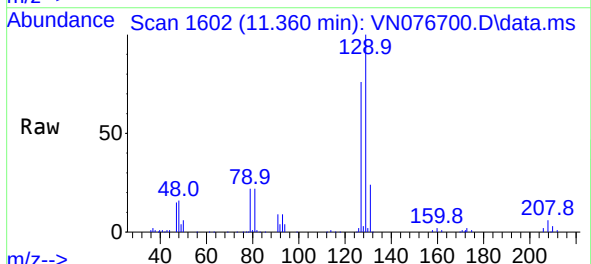
Manual Integrations
APPROVED

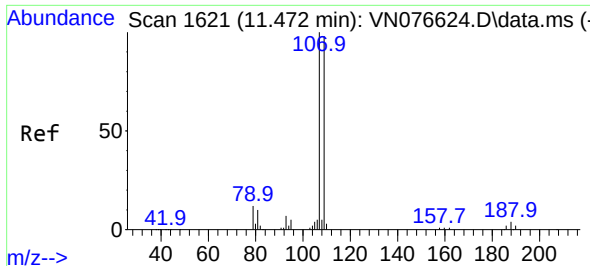
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
Dibromochloromethane
Concen: 50.055 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

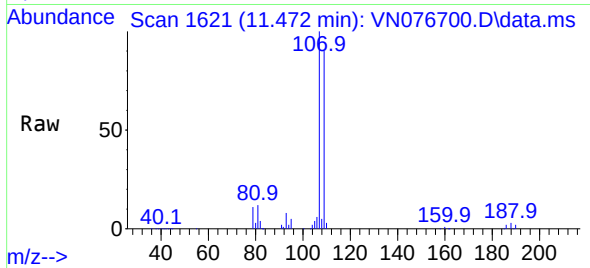
Tgt Ion:129 Resp: 219705
Ion Ratio Lower Upper
129 100
127 79.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.507 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

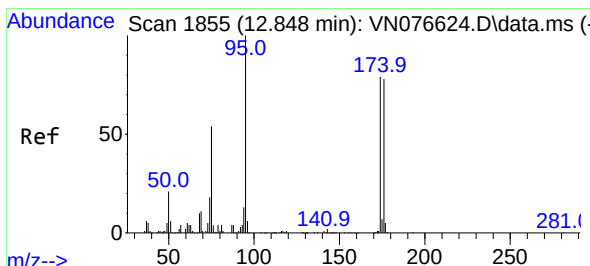
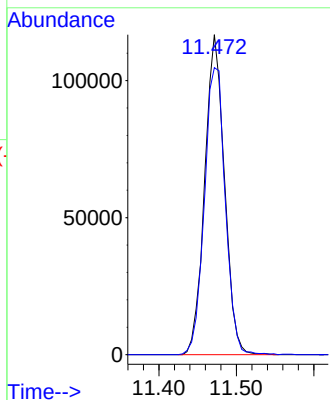
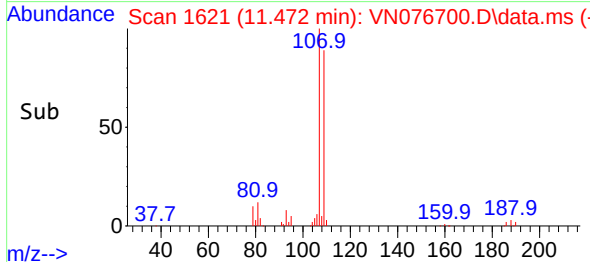
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



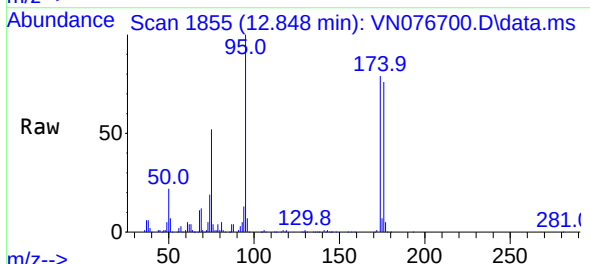
Tgt Ion:107 Resp: 206374
Ion Ratio Lower Upper
107 100
109 95.3 76.8 115.2

Manual Integrations
APPROVED

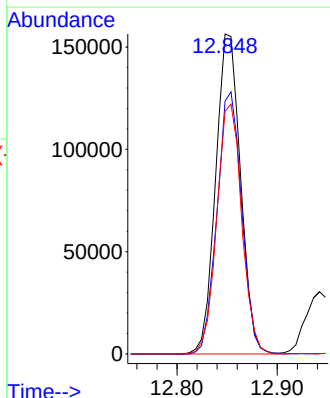
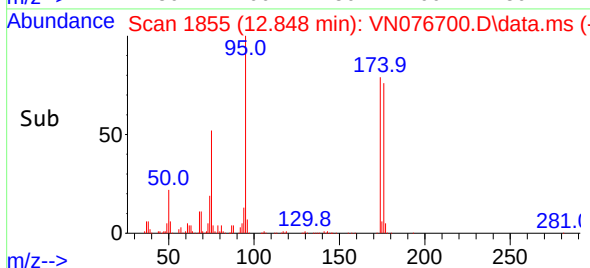
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

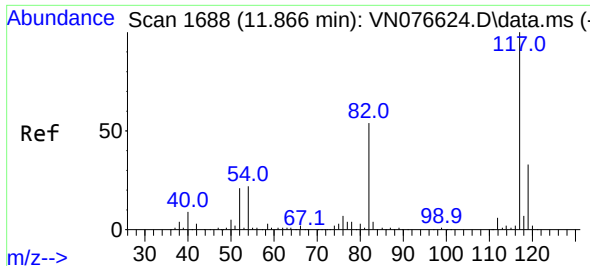


#62
4-Bromofluorobenzene
Concen: 56.942 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



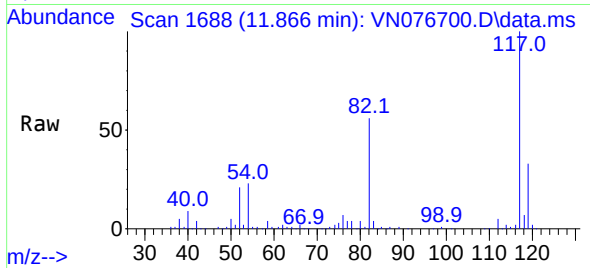
Tgt Ion: 95 Resp: 269282
Ion Ratio Lower Upper
95 100
174 81.1 0.0 169.2
176 78.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

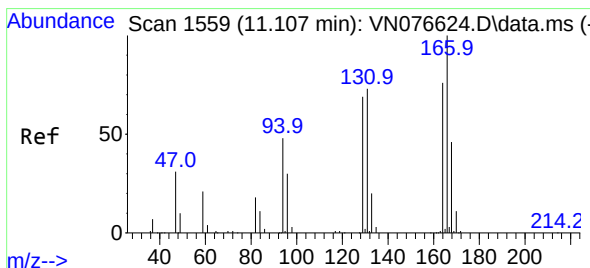
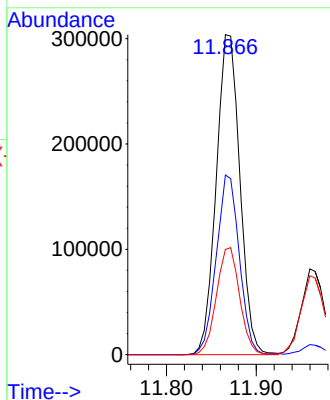
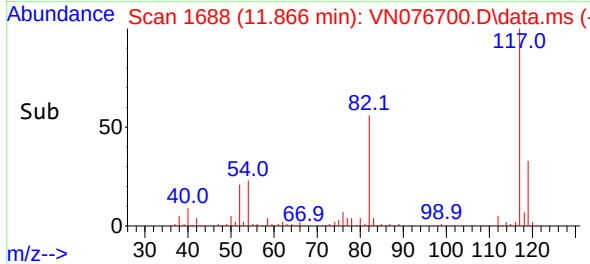
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



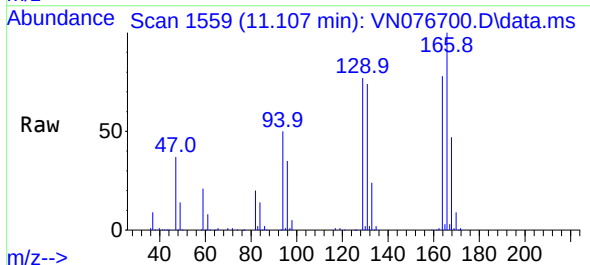
Tgt Ion:117 Resp: 557308
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.2
119 32.9 26.1 39.1

Manual Integrations
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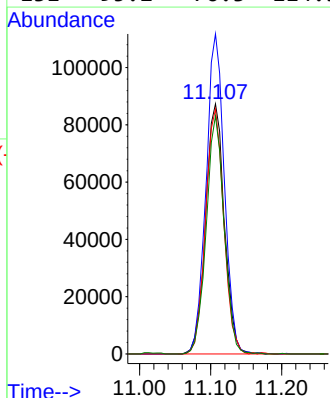
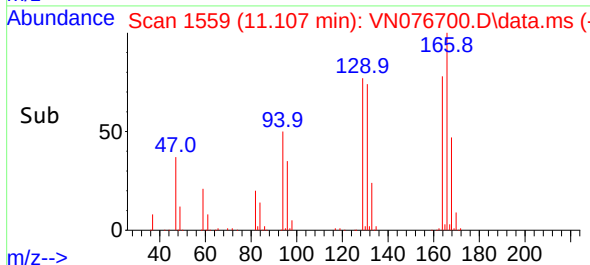
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

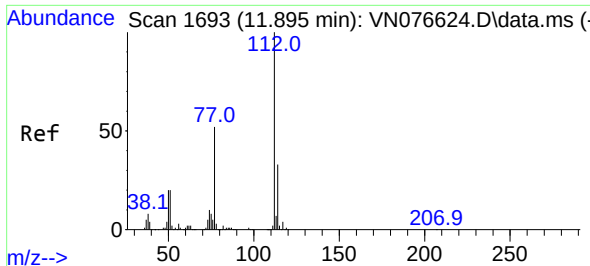


#64
Tetrachloroethene
Concen: 45.748 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



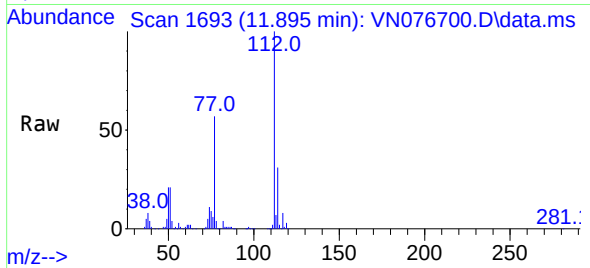
Tgt Ion:164 Resp: 160672
Ion Ratio Lower Upper
164 100
166 127.9 104.8 157.2
129 97.9 72.2 108.2
131 95.2 76.3 114.5





#65
Chlorobenzene
Concen: 48.039 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

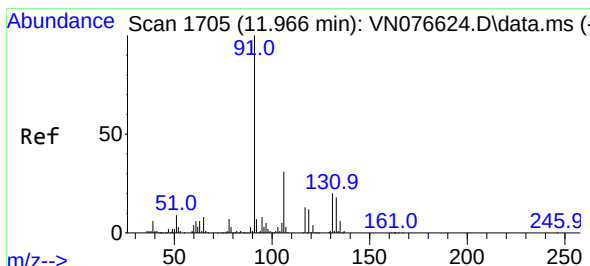
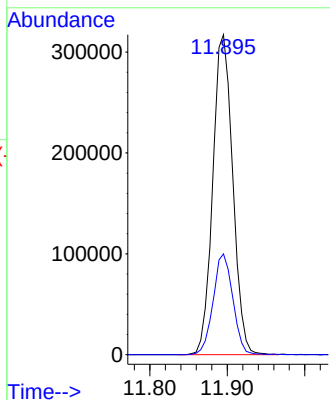
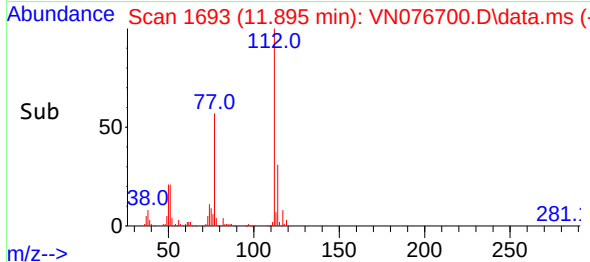
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



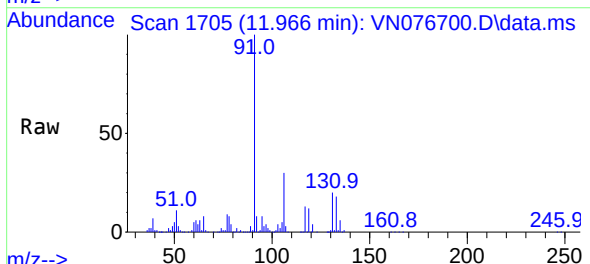
Tgt Ion:112 Resp: 567378
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6

Manual Integrations
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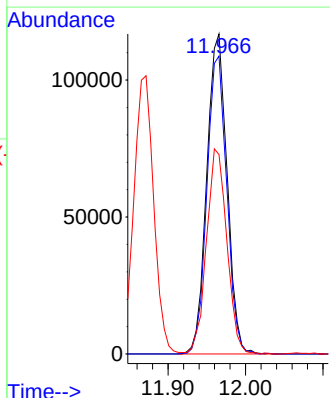
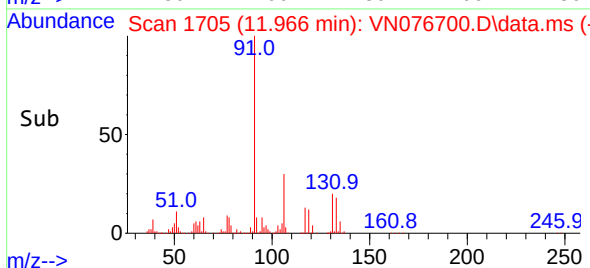
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

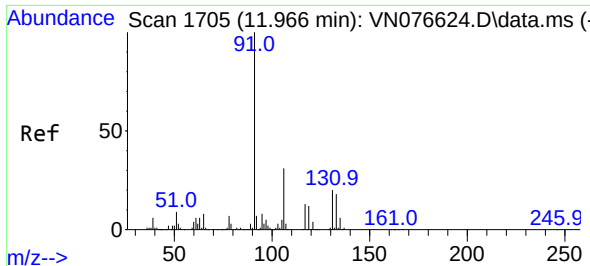


#66
1,1,1,2-Tetrachloroethane
Concen: 49.440 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



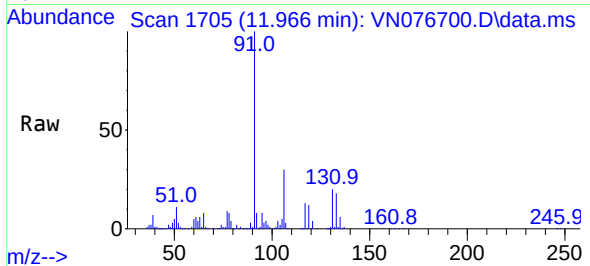
Tgt Ion:131 Resp: 212100
Ion Ratio Lower Upper
131 100
133 91.4 47.0 141.0
119 64.5 32.3 96.8





#67
Ethyl Benzene
Concen: 50.921 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

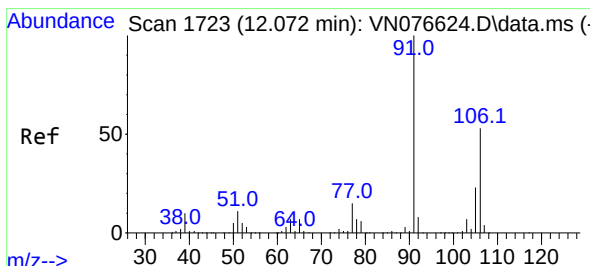
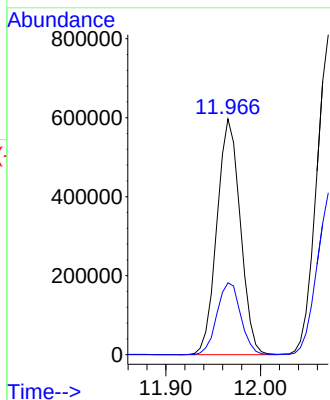
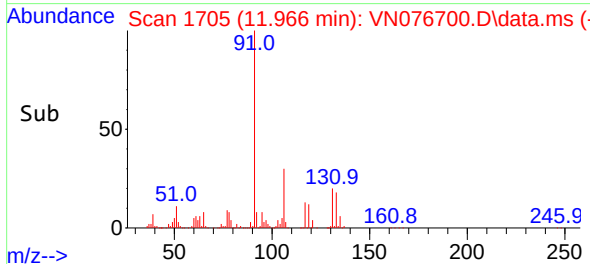
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



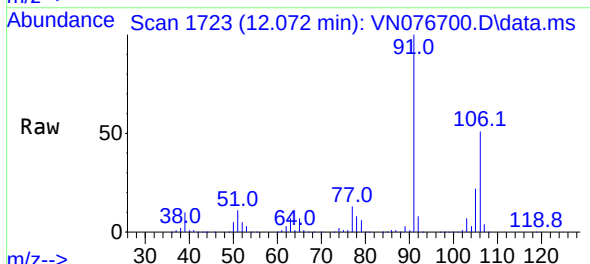
Tgt Ion: 91 Resp: 1024634
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7

Manual Integrations
APPROVED

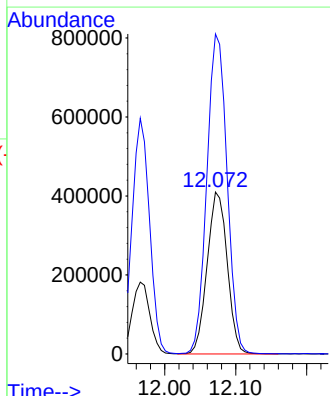
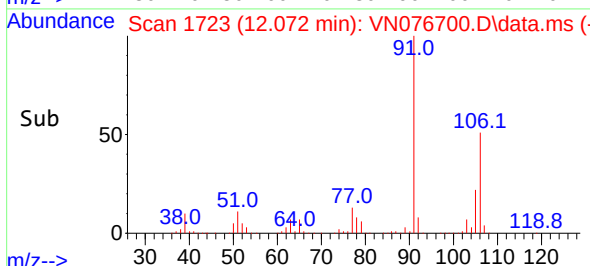
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

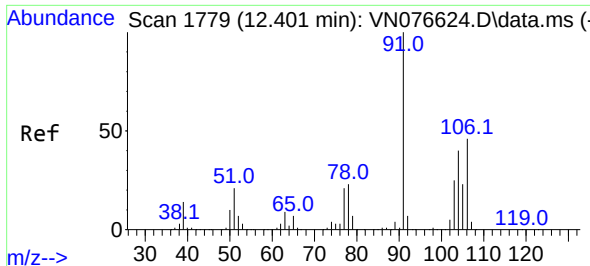


#68
m/p-Xylenes
Concen: 103.679 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



Tgt Ion:106 Resp: 804144
Ion Ratio Lower Upper
106 100
91 198.7 154.7 232.1





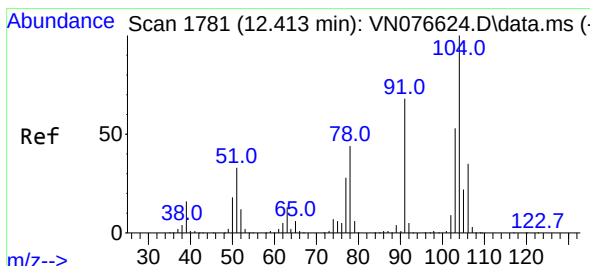
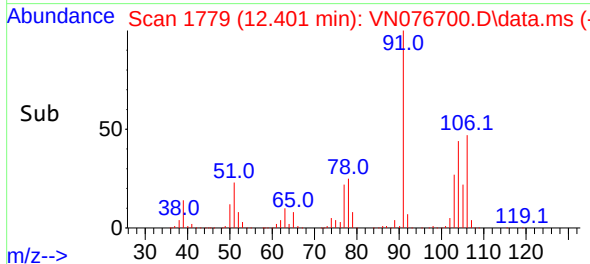
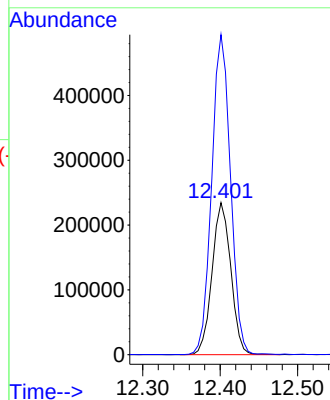
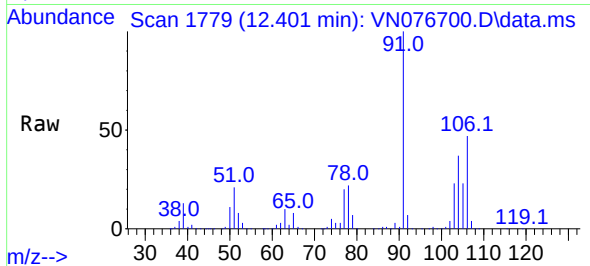
#69
o-Xylene
Concen: 52.024 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 39352
Ion Ratio Lower Upper
106 100
91 211.7 105.8 317.4

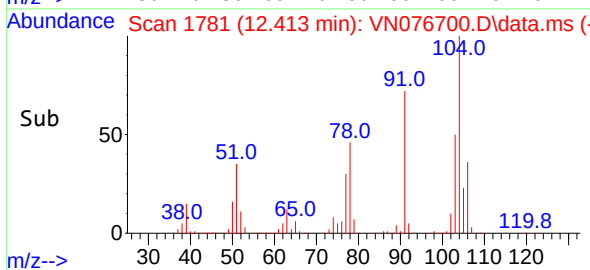
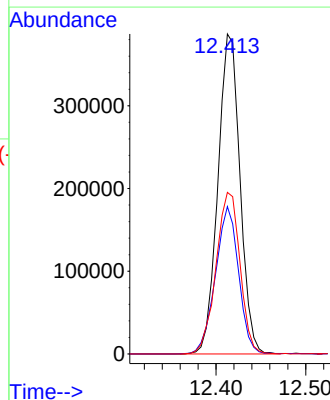
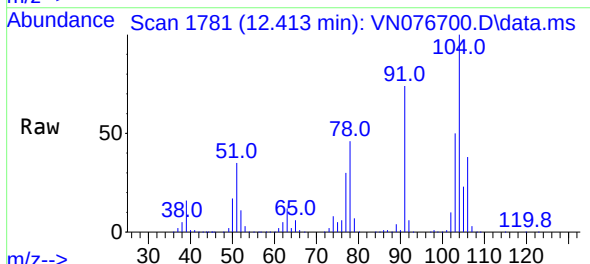
Manual Integrations
APPROVED

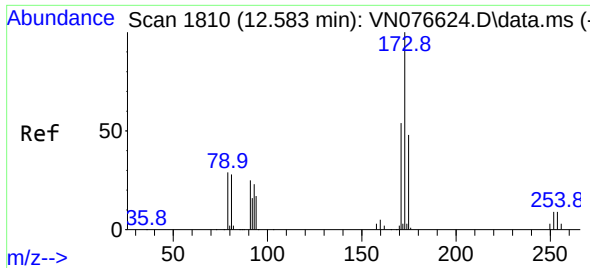
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#70
Styrene
Concen: 54.147 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

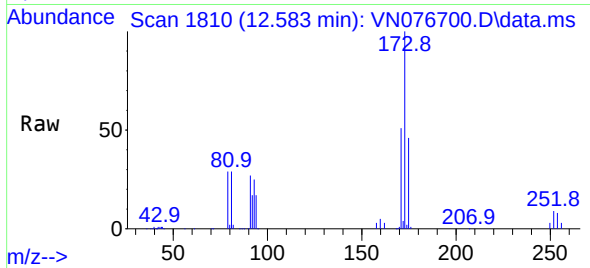
Tgt Ion:104 Resp: 662338
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.4
103 54.8 44.2 66.4





#71
Bromoform
Concen: 50.111 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

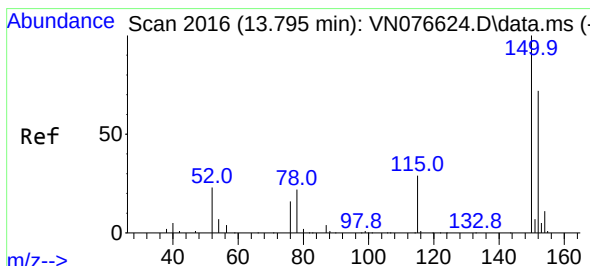
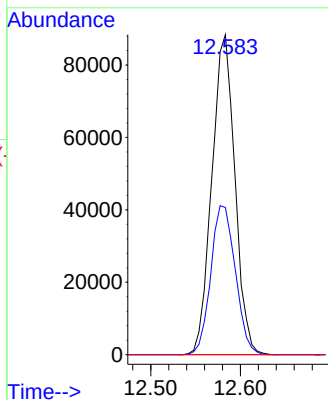
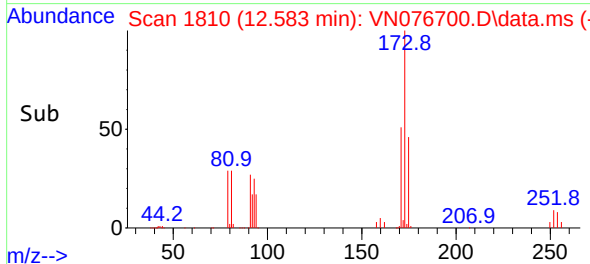
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



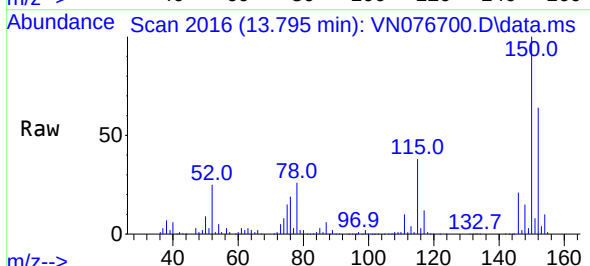
Tgt Ion:173 Resp: 157689
Ion Ratio Lower Upper
173 100
175 49.6 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

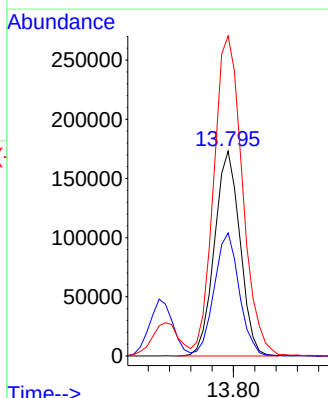
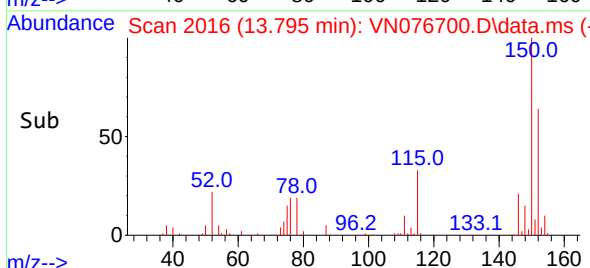
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

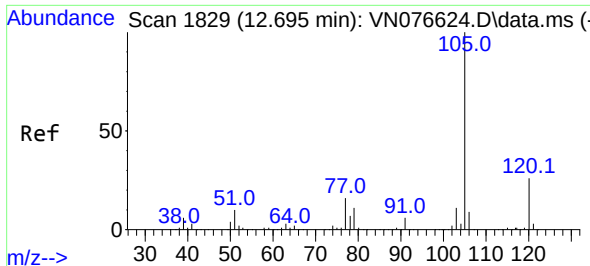


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



Tgt Ion:152 Resp: 288013
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.9
150 175.7 0.0 349.8





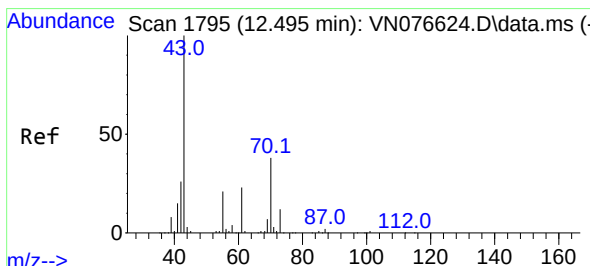
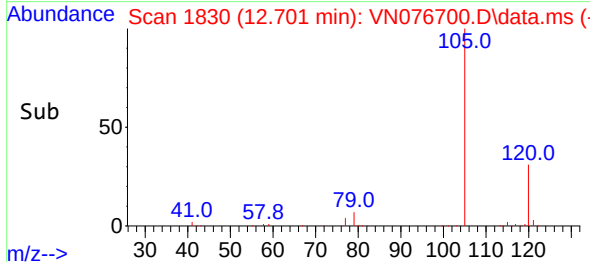
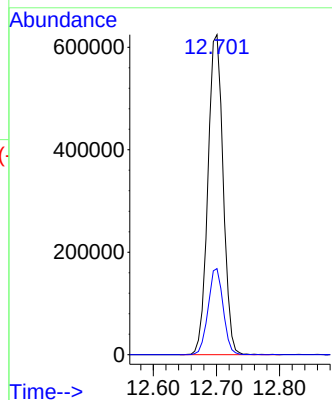
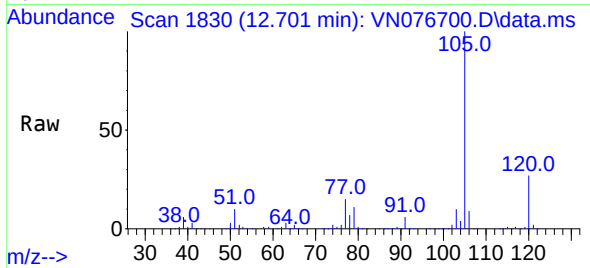
#73
Isopropylbenzene
Concen: 49.439 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 104367
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0

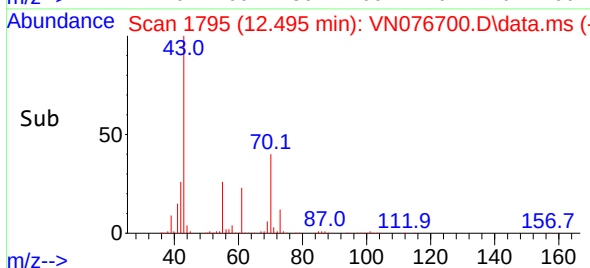
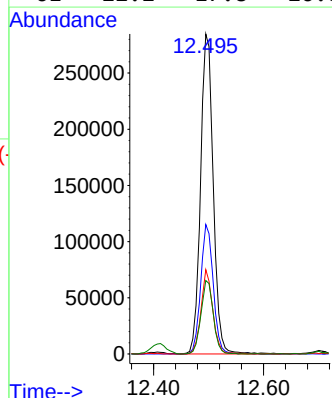
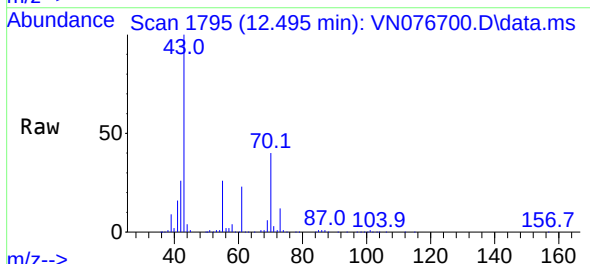
Manual Integrations
APPROVED

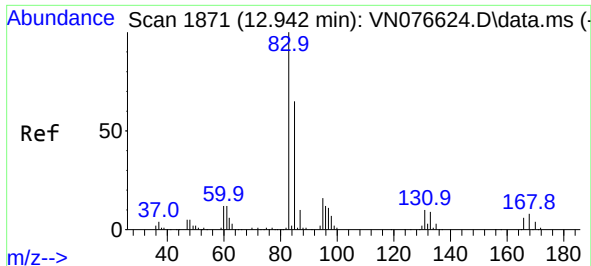
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#74
N-ethyl acetate
Concen: 48.193 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

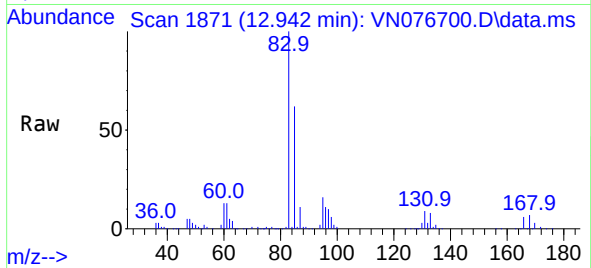
Tgt Ion: 43 Resp: 458570
Ion Ratio Lower Upper
43 100
70 39.7 30.5 45.7
55 24.3 17.8 26.8
61 22.2 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.773 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

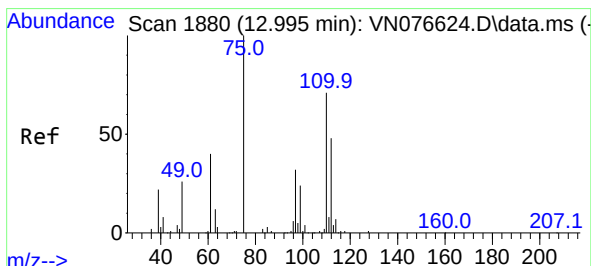
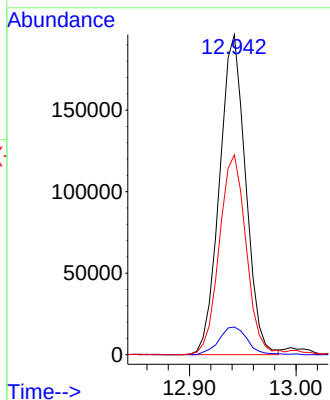
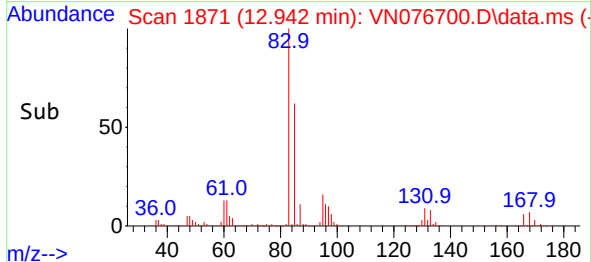
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



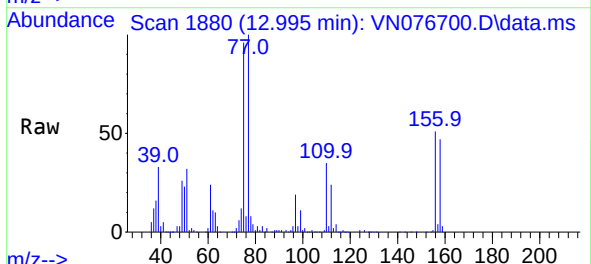
Tgt Ion: 83 Resp: 334480
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.2 31.8 95.3

Manual Integrations
APPROVED

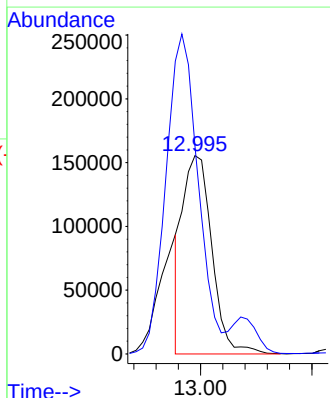
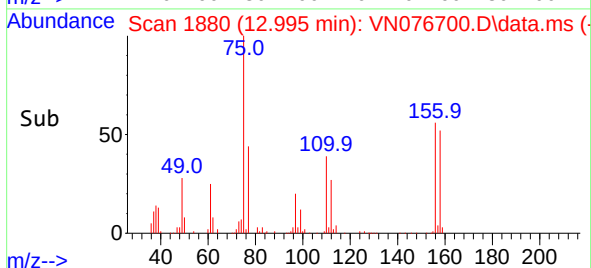
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

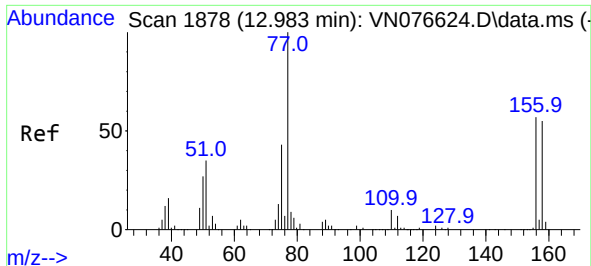


#76
1,2,3-Trichloropropane
Concen: 48.489 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



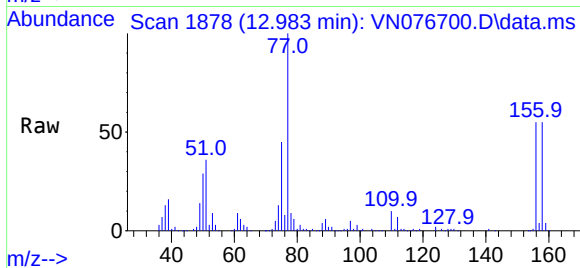
Tgt Ion: 75 Resp: 282340
Ion Ratio Lower Upper
75 100
77 178.0 93.1 279.3





#77
Bromobenzene
Concen: 45.890 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

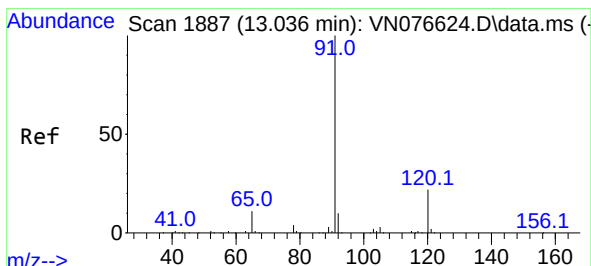
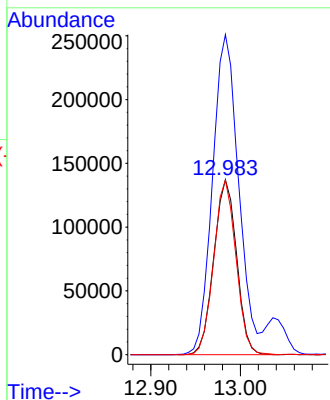
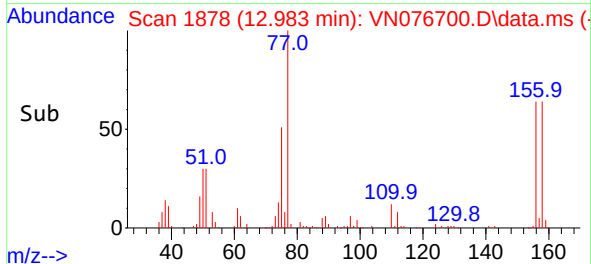
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



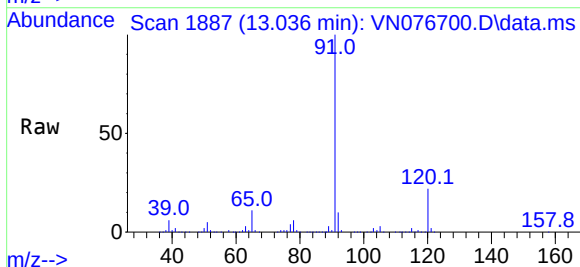
Tgt Ion:156 Resp: 24170
Ion Ratio Lower Upper
156 100
77 207.9 102.8 308.4
158 97.4 48.9 146.6

Manual Integrations
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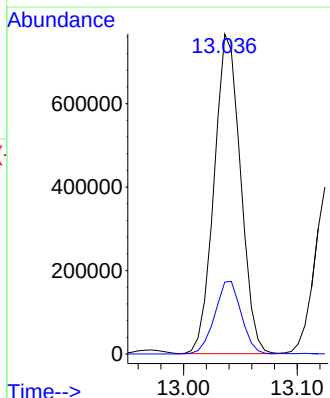
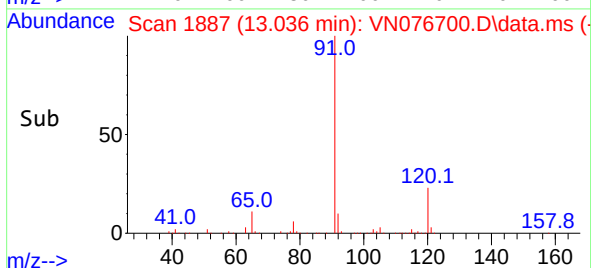
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

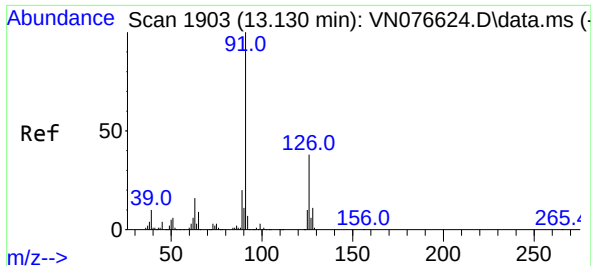


#78
n-propylbenzene
Concen: 49.894 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



Tgt Ion: 91 Resp: 1236818
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





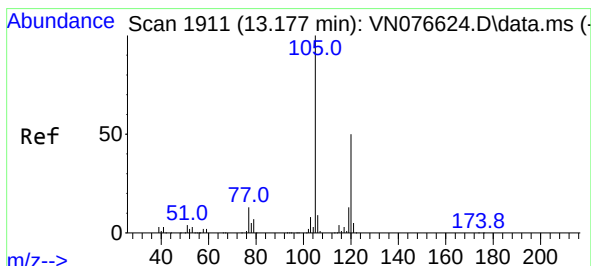
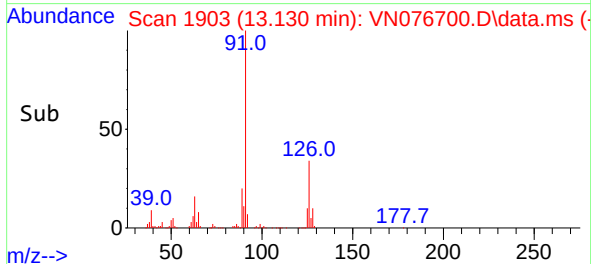
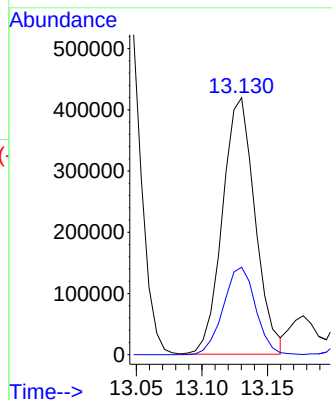
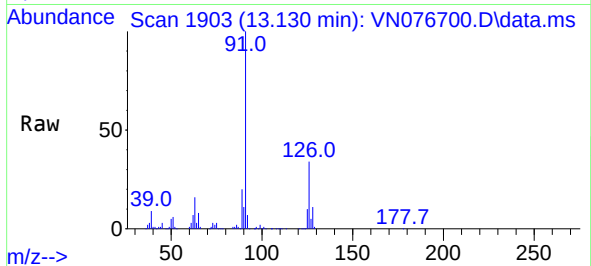
#79
2-Chlorotoluene
Concen: 47.809 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 725649
Ion Ratio Lower Upper
91 100
126 33.7 17.7 53.1

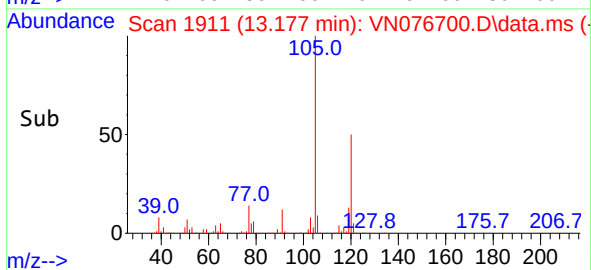
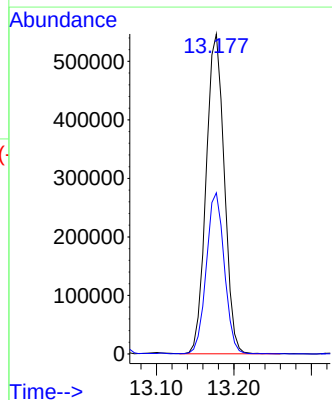
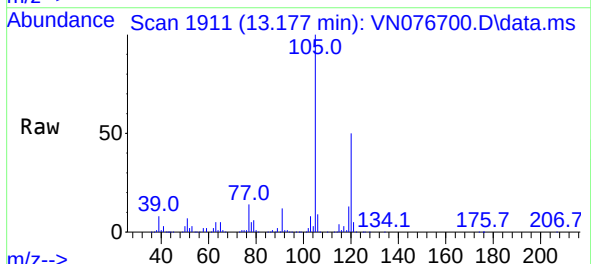
Manual Integrations
APPROVED

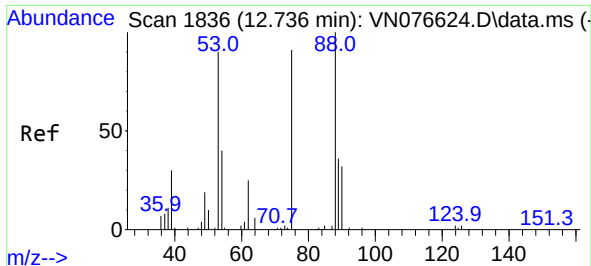
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.922 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

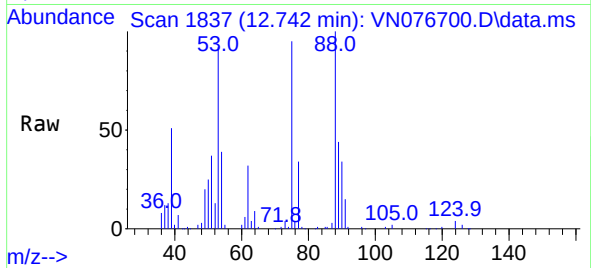
Tgt Ion:105 Resp: 888398
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.791 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

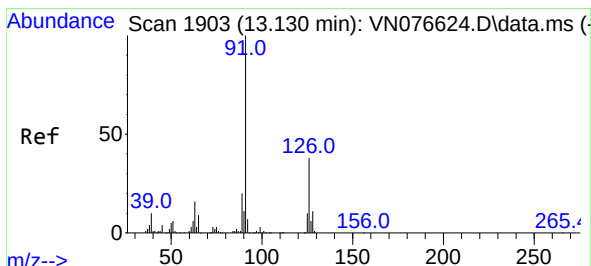
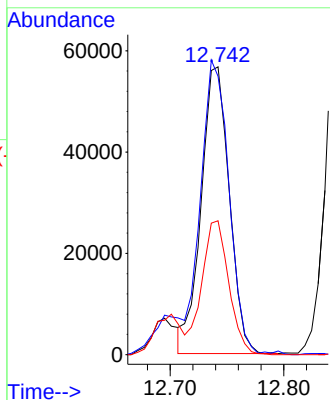
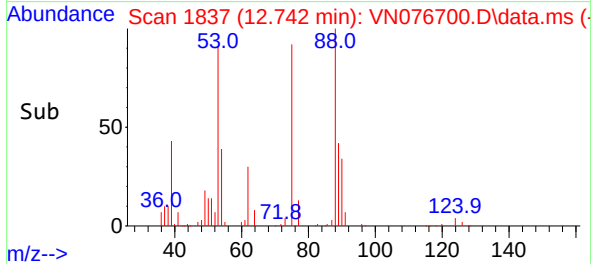
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



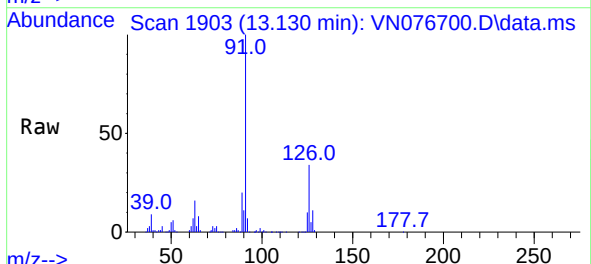
Tgt Ion: 75 Resp: 9754
Ion Ratio Lower Upper
75 100
53 117.4 92.1 138.1
89 44.8 37.5 56.3

Manual Integrations
APPROVED

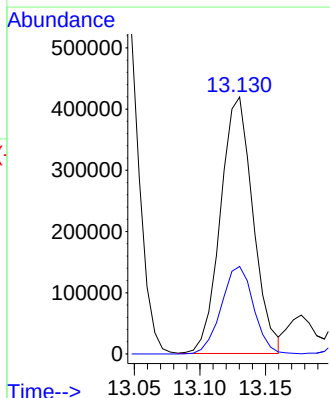
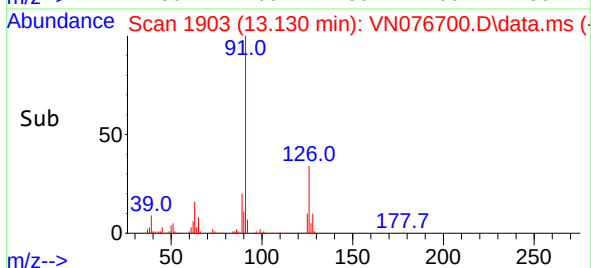
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

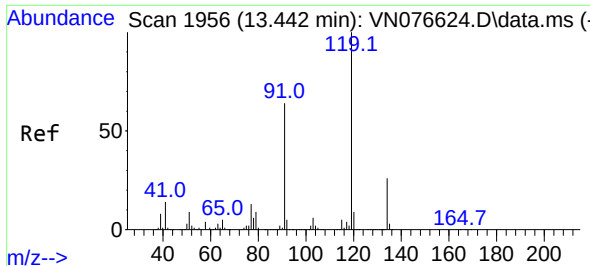


#82
4-Chlorotoluene
Concen: 47.809 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



Tgt Ion: 91 Resp: 725649
Ion Ratio Lower Upper
91 100
126 33.7 17.7 53.1





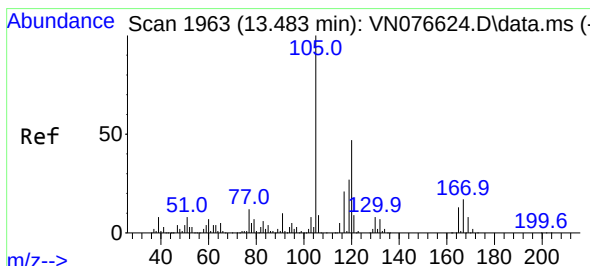
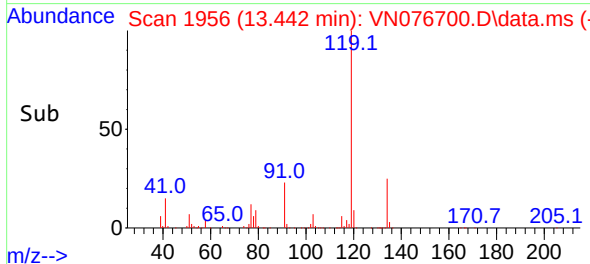
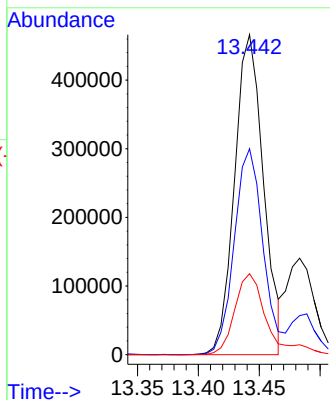
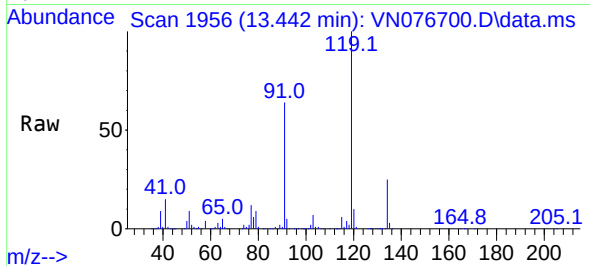
#83
tert-Butylbenzene
Concen: 48.788 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 770000
Ion Ratio Lower Upper
119 100
91 64.7 32.0 96.2
134 28.0 13.8 41.4

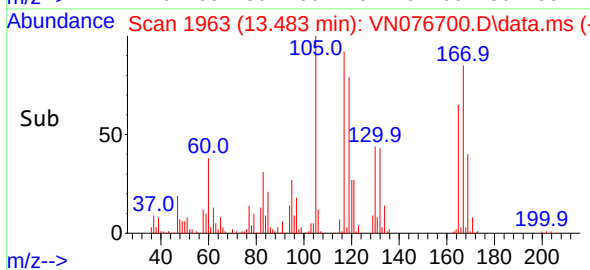
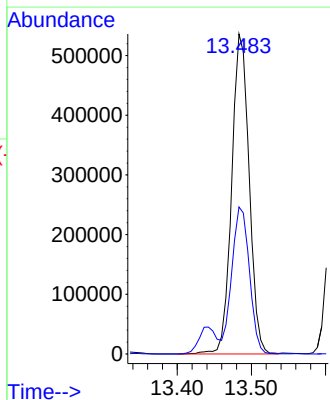
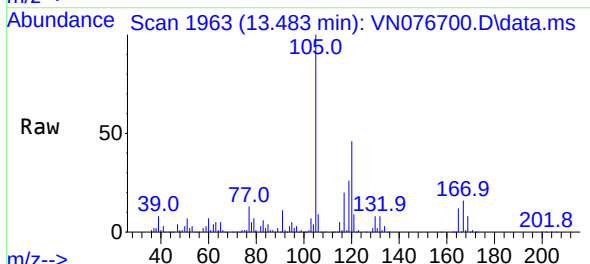
Manual Integrations
APPROVED

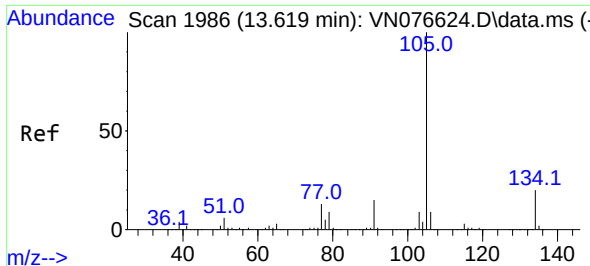
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.406 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Tgt Ion:105 Resp: 876420
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 51.689 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076700.D
 Acq: 16 Feb 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

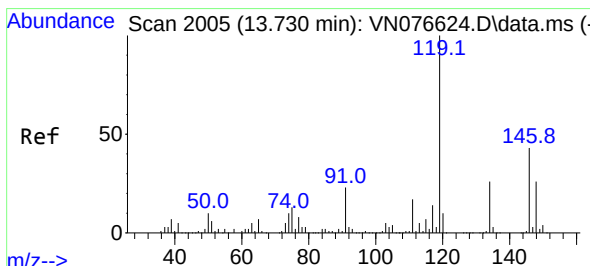
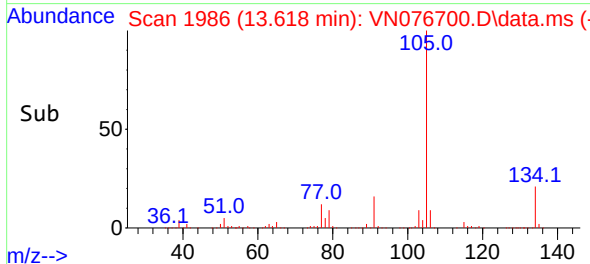
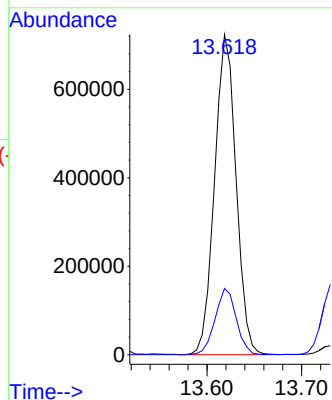
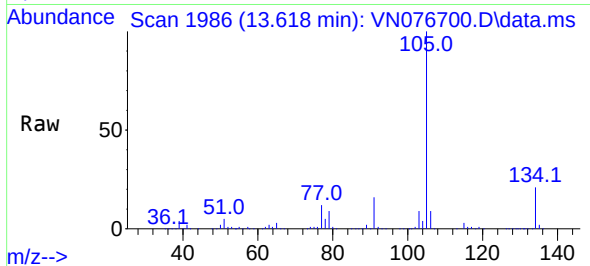
VSTDCCC050

Tgt Ion:105 Resp: 113897
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.5 31.5

Manual Integrations

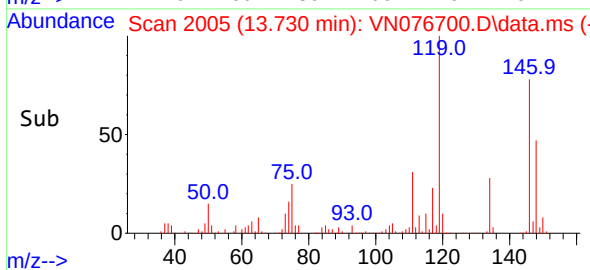
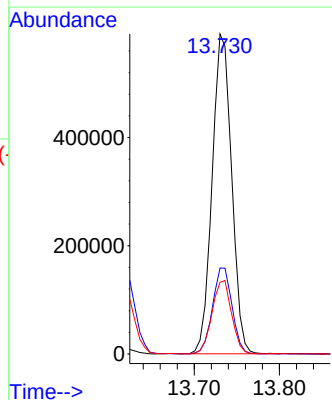
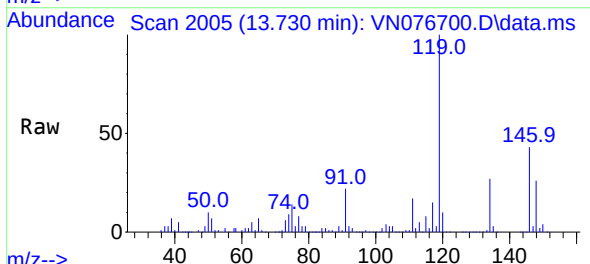
APPROVED

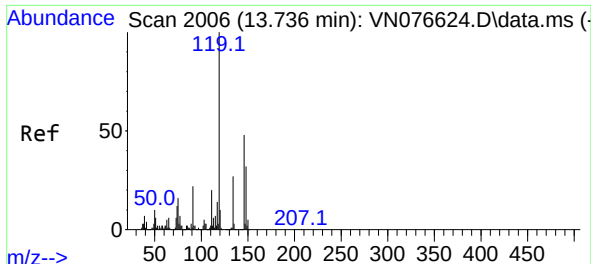
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#86
 p-Isopropyltoluene
 Concen: 53.362 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076700.D
 Acq: 16 Feb 2023 10:20

Tgt Ion:119 Resp: 938932
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.0 11.7 35.0





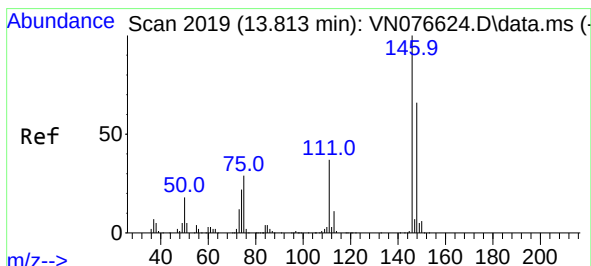
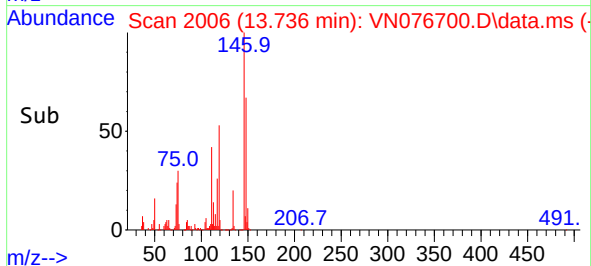
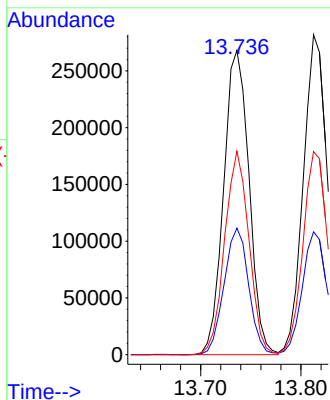
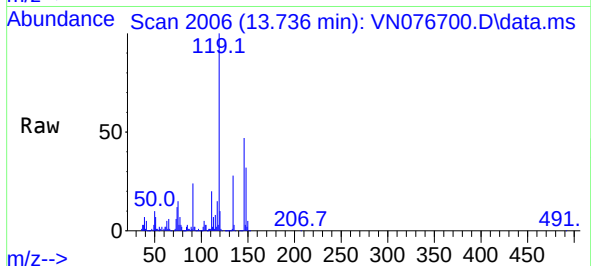
#87
1,3-Dichlorobenzene
Concen: 47.337 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 47129
Ion Ratio Lower Upper
146 100
111 40.4 19.8 59.4
148 64.0 32.0 96.2

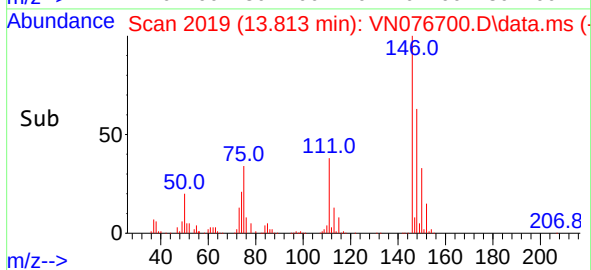
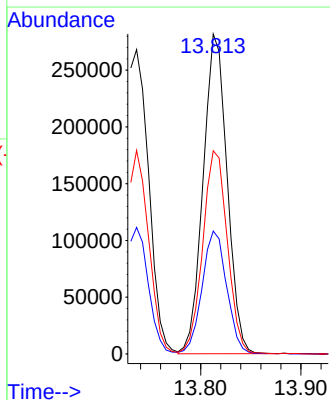
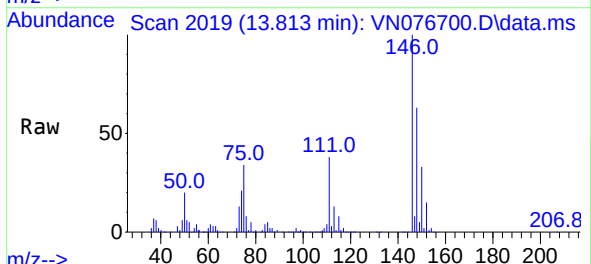
Manual Integrations
APPROVED

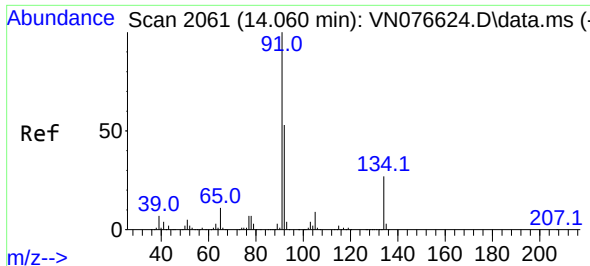
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#88
1,4-Dichlorobenzene
Concen: 47.329 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

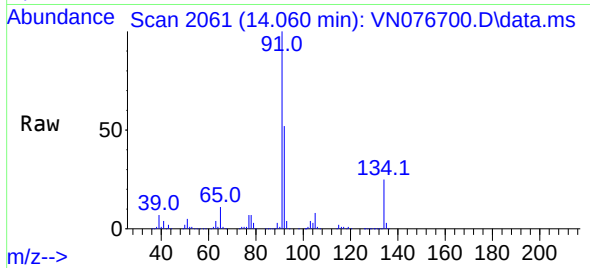
Tgt Ion:146 Resp: 469248
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.1
148 65.0 32.7 98.1





#89
n-Butylbenzene
Concen: 53.737 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

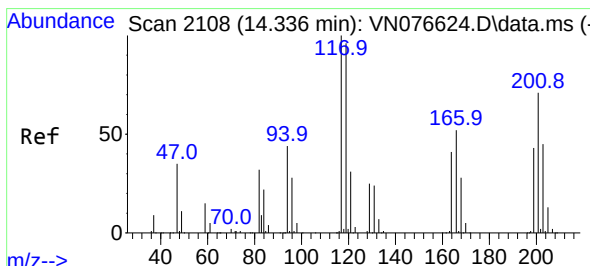
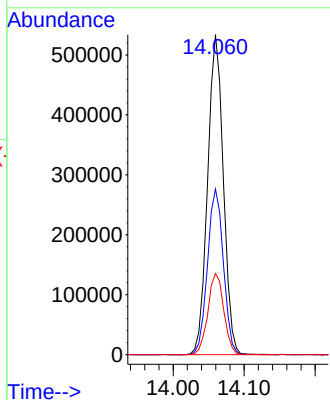
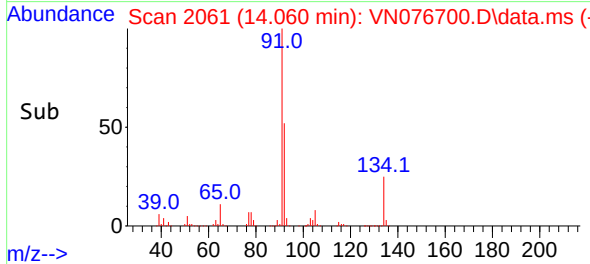
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 822370
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 25.7 13.2 39.5

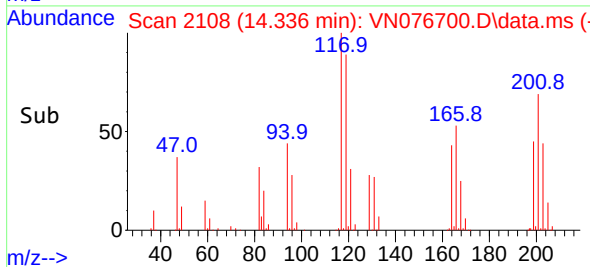
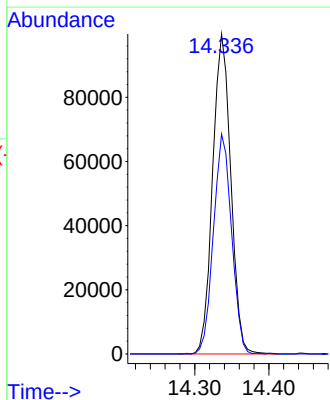
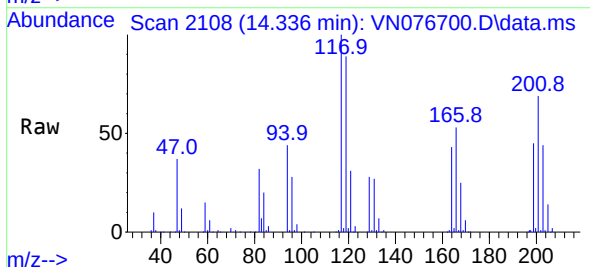
Manual Integrations
APPROVED

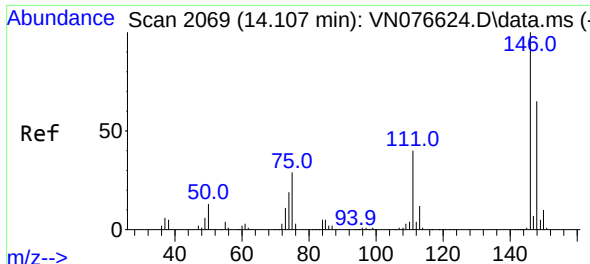
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#90
Hexachloroethane
Concen: 45.991 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

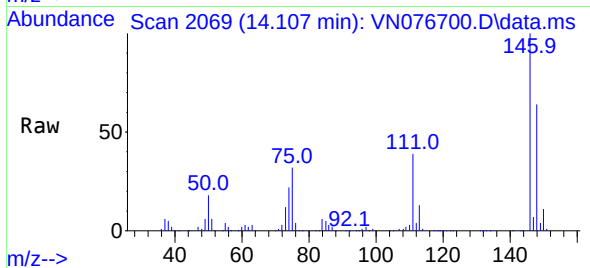
Tgt Ion:117 Resp: 169441
Ion Ratio Lower Upper
117 100
201 68.7 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 46.511 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

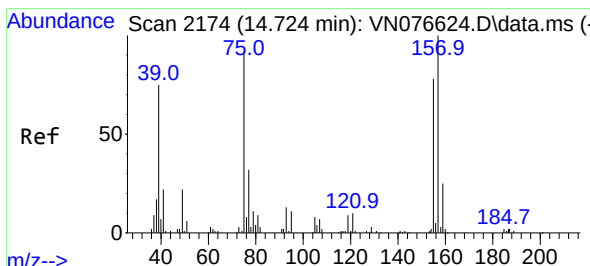
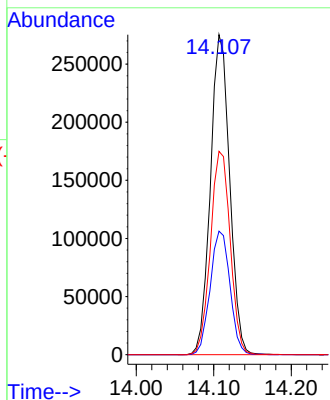
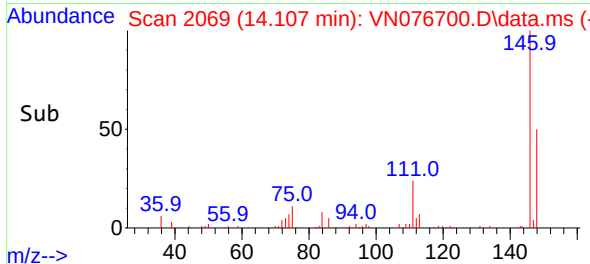
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



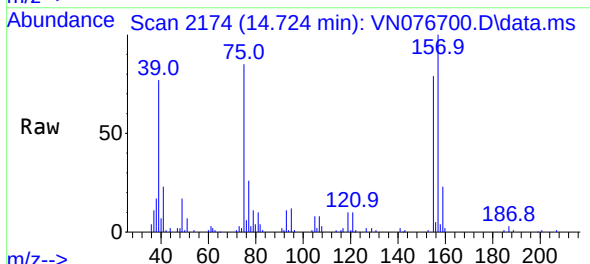
Tgt Ion:146 Resp: 474730
Ion Ratio Lower Upper
146 100
111 39.8 20.0 59.9
148 65.3 32.4 97.2

Manual Integrations
APPROVED

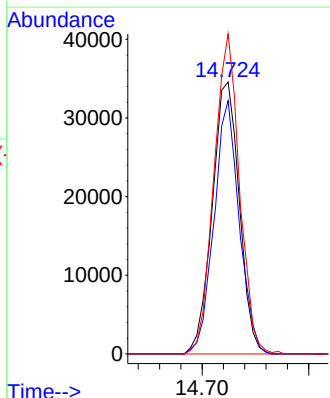
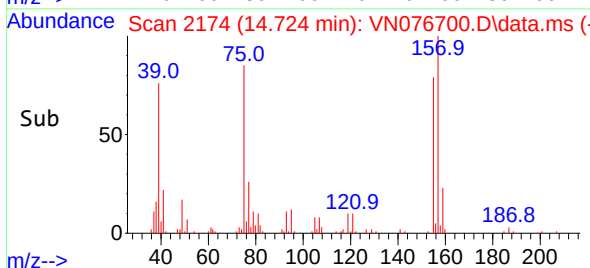
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

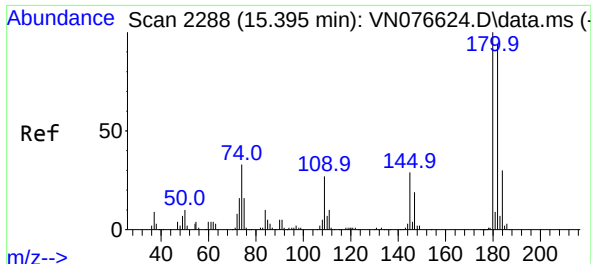


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.158 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



Tgt Ion: 75 Resp: 60932
Ion Ratio Lower Upper
75 100
155 86.9 43.4 130.2
157 111.2 55.2 165.6





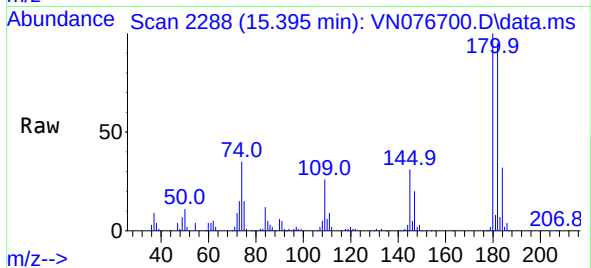
#93
1,2,4-Trichlorobenzene
Concen: 49.572 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

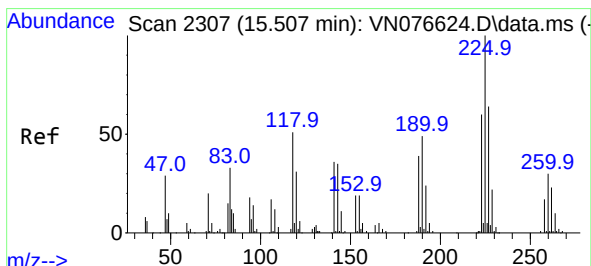
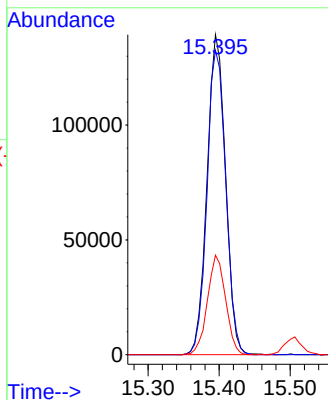
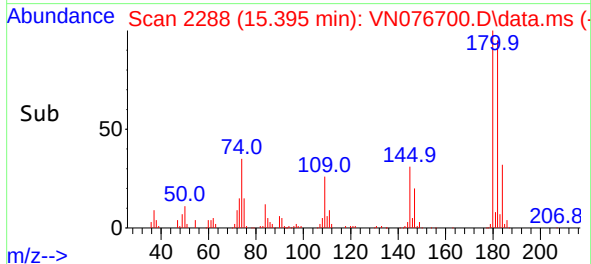


Tgt Ion:180 Resp: 252392
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.0
145 30.6 15.2 45.6

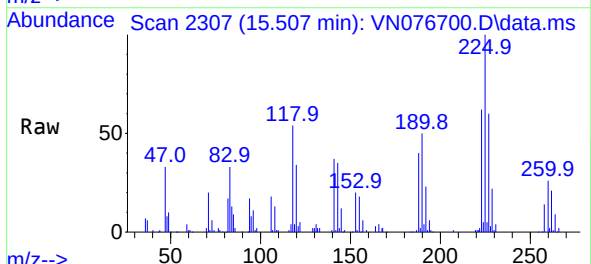
Manual Integrations

APPROVED

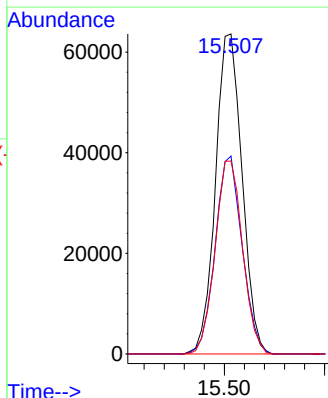
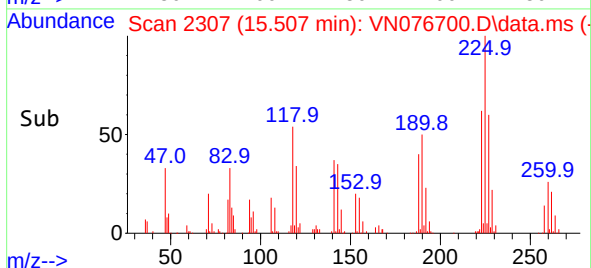
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

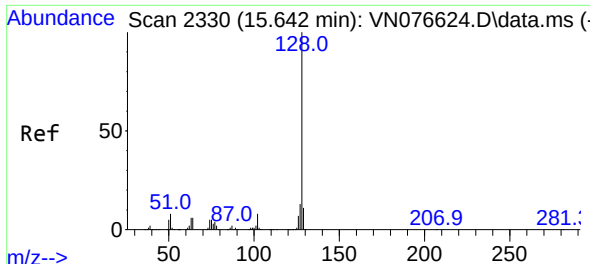


#94
Hexachlorobutadiene
Concen: 46.815 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



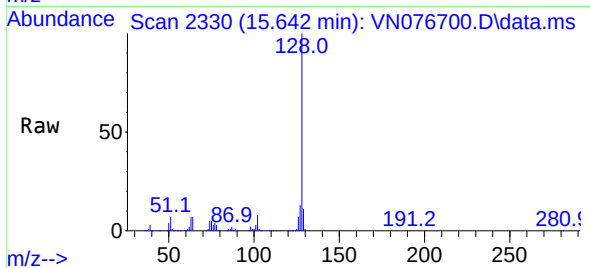
Tgt Ion:225 Resp: 116821
Ion Ratio Lower Upper
225 100
223 62.8 31.6 95.0
227 62.1 31.3 93.9





#95
Naphthalene
Concen: 52.262 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20

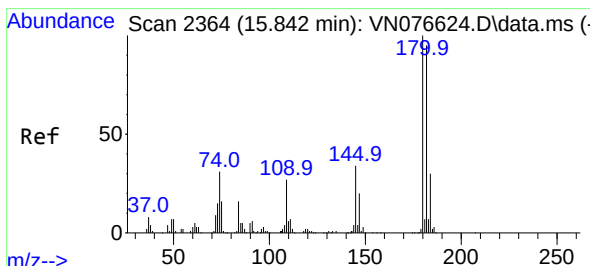
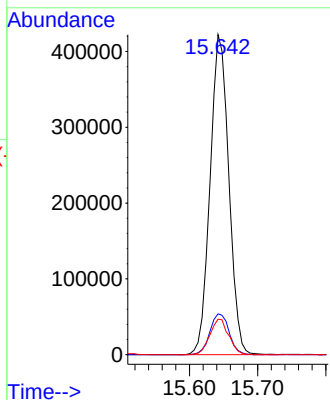
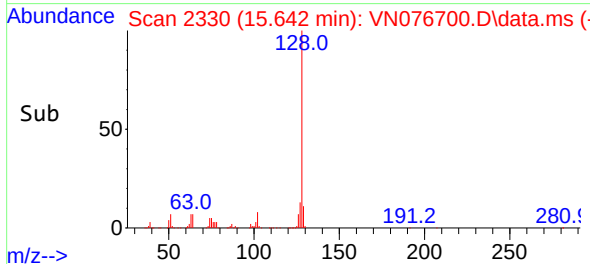
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



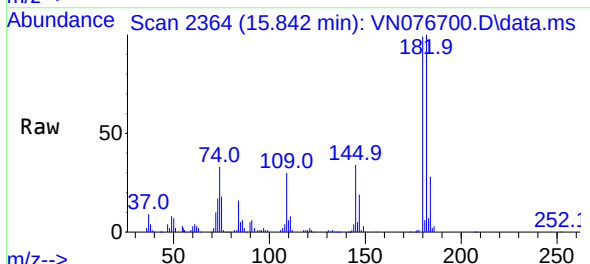
Tgt Ion:128 Resp: 807450
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.213 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076700.D
Acq: 16 Feb 2023 10:20



Tgt Ion:180 Resp: 247684
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.1
145 31.9 16.0 47.9

