

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078602.D
 Acq On : 20 Jul 2023 18:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 21 06:20:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	489741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	838169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	761310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	328655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	332024	50.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.140%			
35) Dibromofluoromethane	8.177	113	292858	51.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	10.571	98	1078035	50.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.300%			
62) 4-Bromofluorobenzene	12.853	95	348899	52.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	244658	40.746	ug/l	98
3) Chloromethane	2.371	50	294225	45.083	ug/l	99
4) Vinyl Chloride	2.518	62	392743	46.520	ug/l	100
5) Bromomethane	2.948	94	251621	46.803	ug/l	98
6) Chloroethane	3.118	64	248615	48.628	ug/l	100
7) Trichlorofluoromethane	3.500	101	466009	46.176	ug/l	97
8) Diethyl Ether	3.965	74	162517	48.334	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	250864	46.958	ug/l	96
10) Methyl Iodide	4.600	142	345166	47.018	ug/l	99
11) Tert butyl alcohol	5.542	59	248793	245.741	ug/l	99
12) 1,1-Dichloroethene	4.347	96	236963	45.855	ug/l	91
13) Acrolein	4.189	56	223562	224.441	ug/l	100
14) Allyl chloride	5.036	41	321907	45.588	ug/l	94
15) Acrylonitrile	5.730	53	641803	250.900	ug/l	98
16) Acetone	4.442	43	503860	246.368	ug/l	96
17) Carbon Disulfide	4.718	76	565597	37.850	ug/l	99
18) Methyl Acetate	5.042	43	434158	50.148	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	851084	49.986	ug/l	98
20) Methylene Chloride	5.283	84	298884	50.973	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	264777	45.468	ug/l	87
22) Diisopropyl ether	6.683	45	831415	52.584	ug/l	95
23) Vinyl Acetate	6.612	43	2564428	255.121	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	523731	49.157	ug/l	98
25) 2-Butanone	7.494	43	819014	254.404	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	399515	45.848	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	330662	49.084	ug/l	94
28) Bromochloromethane	7.824	49	236663	47.161	ug/l	90
29) Tetrahydrofuran	7.847	42	534418	252.987	ug/l	85
30) Chloroform	7.971	83	573869	51.737	ug/l	92
31) Cyclohexane	8.265	56	378287	42.634	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	489144	49.186	ug/l	96
36) 1,1-Dichloropropene	8.383	75	391224	47.620	ug/l	98
37) Ethyl Acetate	7.571	43	352877	51.526	ug/l #	95
38) Carbon Tetrachloride	8.365	117	438882	49.153	ug/l	98
39) Methylcyclohexane	9.612	83	361683	48.231	ug/l	96
40) Benzene	8.612	78	1217698	50.031	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	190455	54.551	ug/l	92
42) 1,2-Dichloroethane	8.677	62	413814	49.986	ug/l	100
43) Isopropyl Acetate	8.700	43	602201	53.409	ug/l	94
44) Trichloroethene	9.359	130	309664	47.206	ug/l	98
45) 1,2-Dichloropropane	9.630	63	319101	51.765	ug/l	99
46) Dibromomethane	9.718	93	221315	51.009	ug/l	92
47) Bromodichloromethane	9.894	83	456621	52.502	ug/l	99
48) Methyl methacrylate	9.688	41	269018	51.499	ug/l	91
49) 1,4-Dioxane	9.700	88	119971	1053.118	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1804538	269.066	ug/l	94
52) Toluene	10.635	92	756363	50.141	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	460841	51.722	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	504983	53.170	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	312801	52.631	ug/l	97
56) Ethyl methacrylate	10.882	69	448177	53.945	ug/l	92
57) 1,3-Dichloropropane	11.171	76	517397	51.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	747331	252.410	ug/l	93
59) 2-Hexanone	11.200	43	1277325	267.979	ug/l	92
60) Dibromochloromethane	11.365	129	347035	52.891	ug/l	98
61) 1,2-Dibromoethane	11.476	107	313393	51.188	ug/l	98
64) Tetrachloroethene	11.112	164	251840	43.999	ug/l	99
65) Chlorobenzene	11.894	112	825261	48.496	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	326022	49.801	ug/l	97
67) Ethyl Benzene	11.971	91	1454786	50.576	ug/l	100
68) m/p-Xylenes	12.076	106	1104098	103.816	ug/l	98
69) o-Xylene	12.406	106	544552	50.694	ug/l	98
70) Styrene	12.418	104	896651	53.355	ug/l	99
71) Bromoform	12.582	173	229088	51.671	ug/l #	99
73) Isopropylbenzene	12.700	105	1363873	44.164	ug/l	100
74) N-amyl acetate	12.500	43	477254	44.844	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	445551	51.765	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	344293m	43.340	ug/l	
77) Bromobenzene	12.982	156	323567	48.122	ug/l	96
78) n-propylbenzene	13.041	91	1498359	45.369	ug/l	100
79) 2-Chlorotoluene	13.129	91	936613	43.296	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1103070	45.207	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	129225	42.747	ug/l	93
82) 4-Chlorotoluene	13.229	91	899384	44.567	ug/l	98
83) tert-Butylbenzene	13.441	119	935900	45.177	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1101898	46.492	ug/l	100
85) sec-Butylbenzene	13.623	105	1170894	44.716	ug/l	99
86) p-Isopropyltoluene	13.735	119	974451	46.346	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	535712	45.187	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	515808	43.195	ug/l	99
89) n-Butylbenzene	14.059	91	738065	49.060	ug/l	98
90) Hexachloroethane	14.341	117	188024	48.632	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	532682	45.149	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	67599	45.553	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	167339	44.441	ug/l	95
94) Hexachlorobutadiene	15.506	225	97917	50.291	ug/l	98
95) Naphthalene	15.647	128	511957	39.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	187121	43.218	ug/l	98

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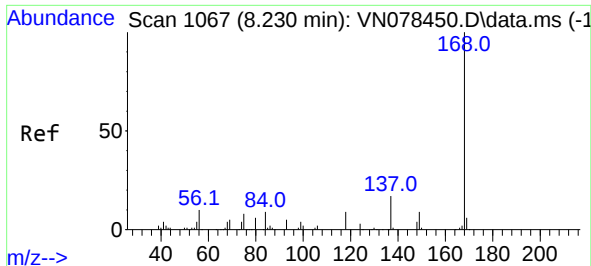
Manual Integrations
APPROVED

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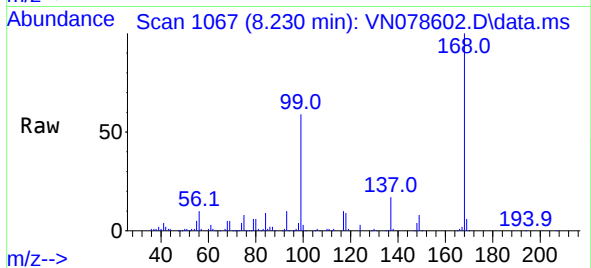
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078602.D
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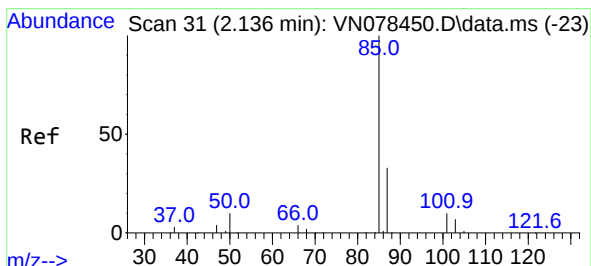
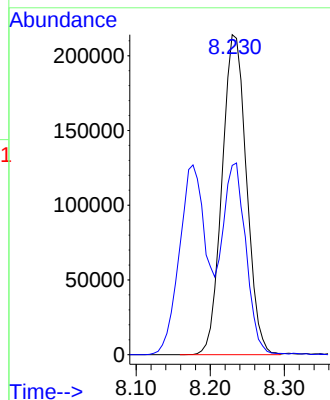
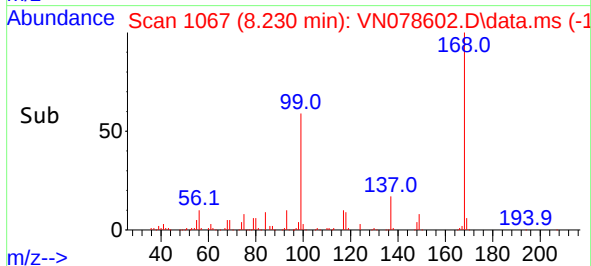
Instrument :
MSVOA_N
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VSTDCCC050EC



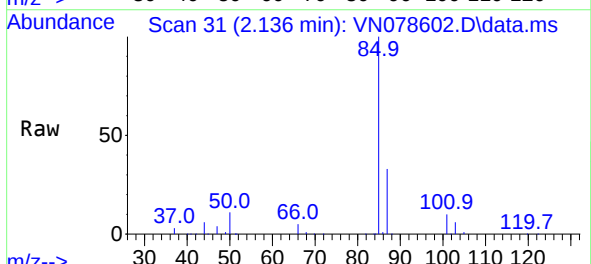
Tgt Ion:168 Resp: 48974
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6

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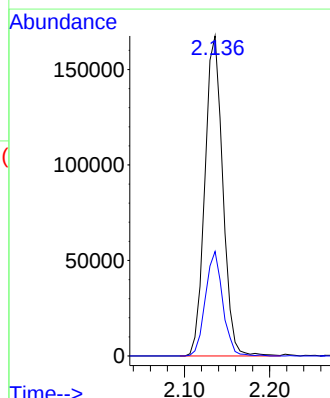
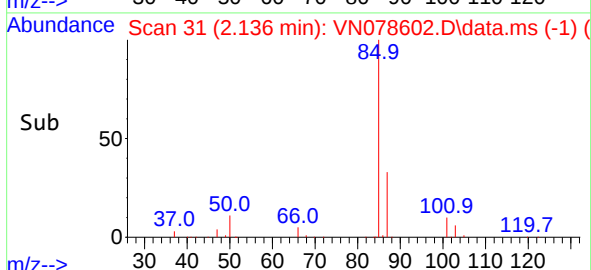
Reviewed By :John Carlone 07/21/2023
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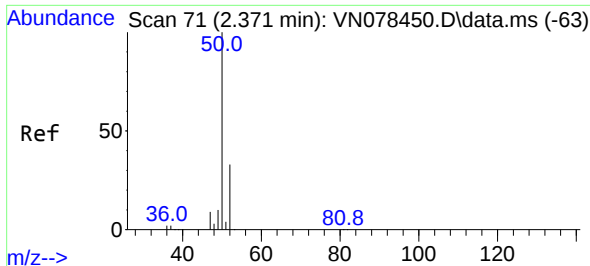


#2
Dichlorodifluoromethane
Concen: 40.746 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



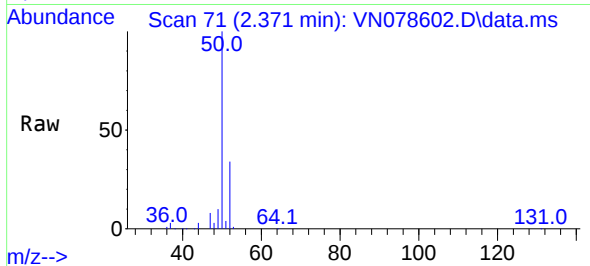
Tgt Ion: 85 Resp: 244658
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 45.083 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

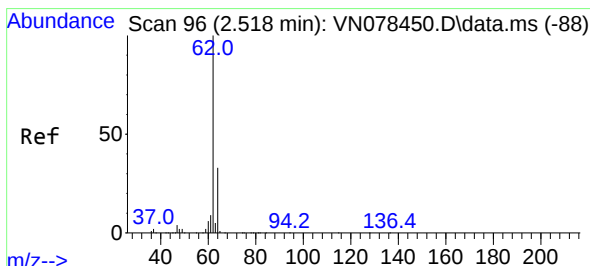
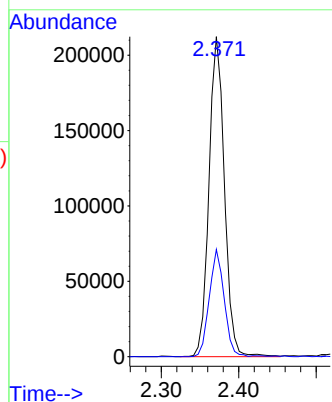
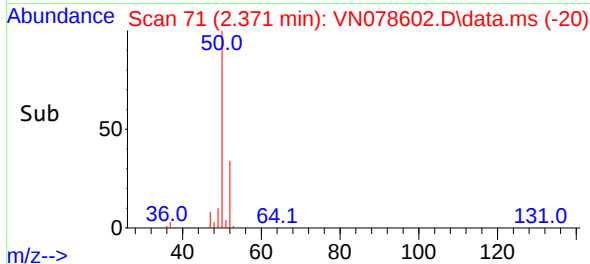
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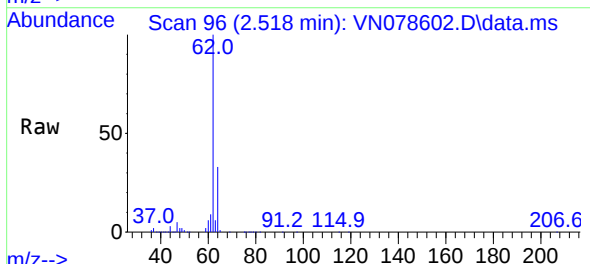
Tgt Ion: 50 Resp: 294225
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

Manual Integrations
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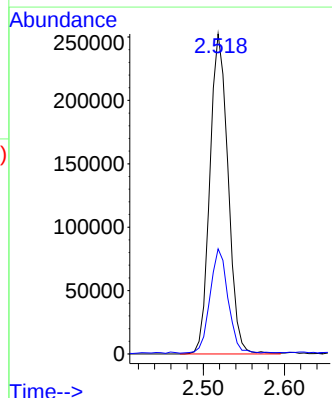
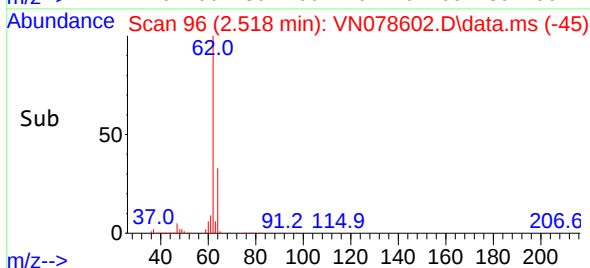
Reviewed By :John Carlone 07/21/2023
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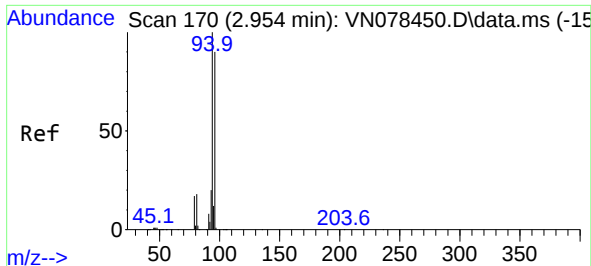


#4
Vinyl Chloride
Concen: 46.520 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



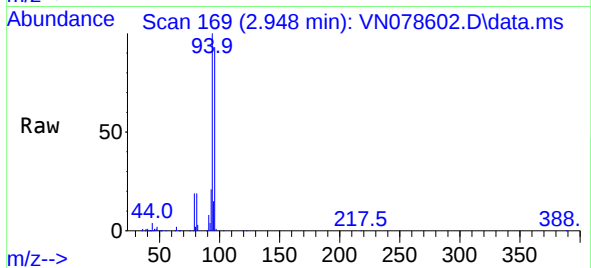
Tgt Ion: 62 Resp: 392743
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#5
Bromomethane
Concen: 46.803 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

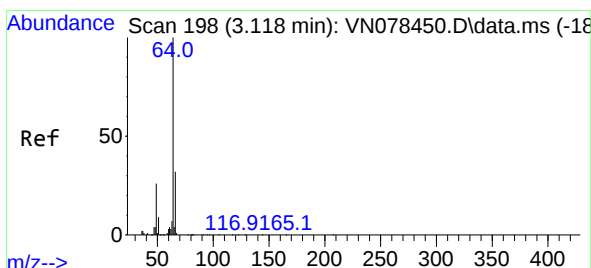
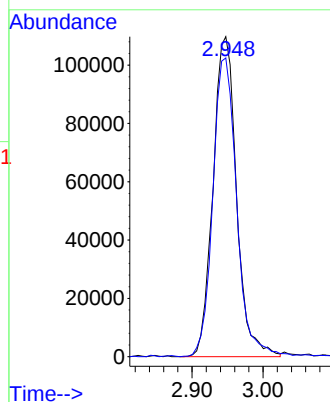
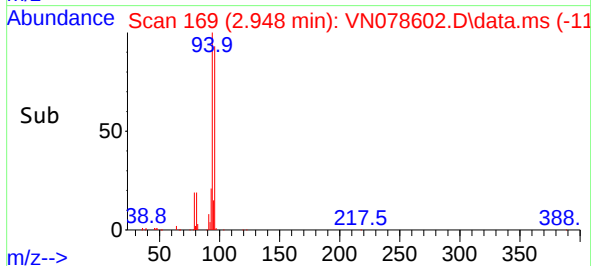
Instrument :
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Tgt Ion: 94 Resp: 25162
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7

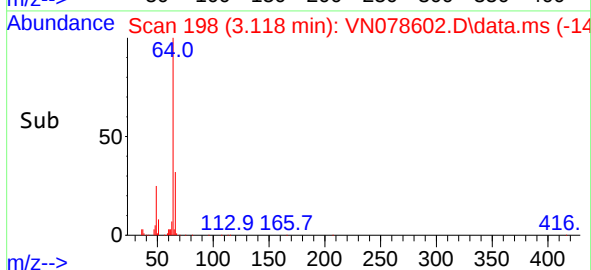
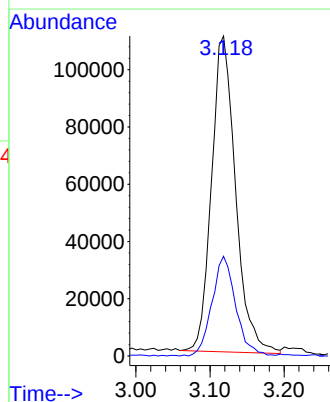
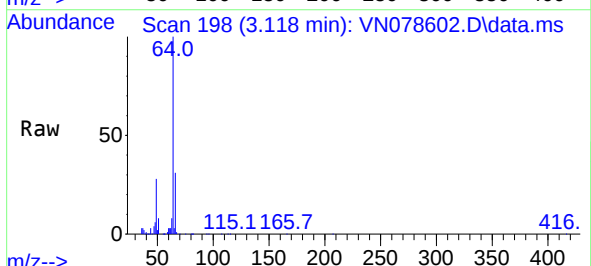
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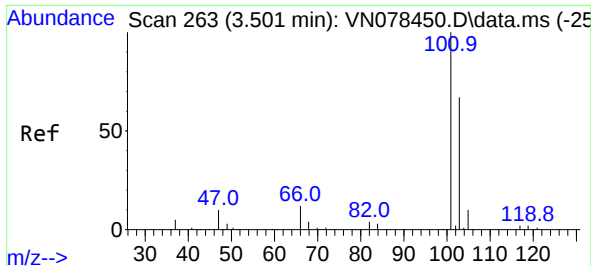
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#6
Chloroethane
Concen: 48.628 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Tgt Ion: 64 Resp: 248615
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 46.176 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

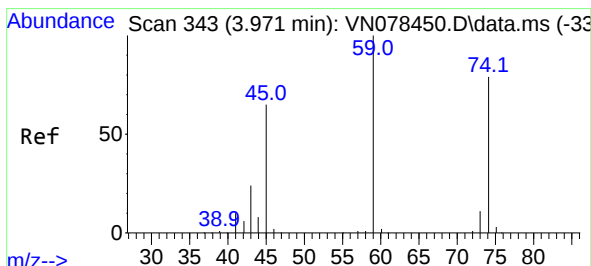
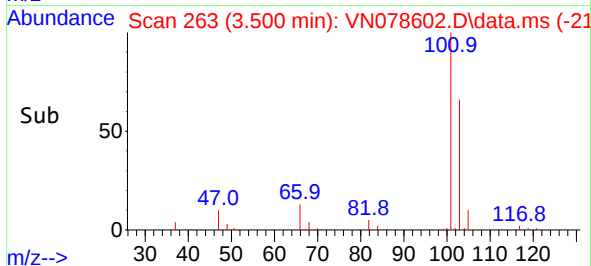
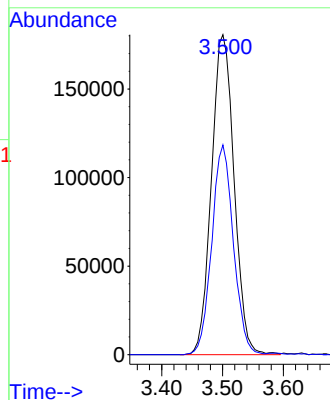
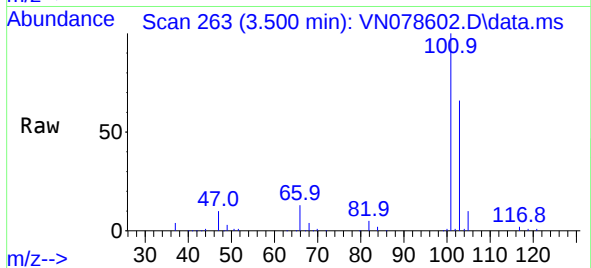
VSTDCCC050EC

Tgt Ion:101 Resp: 466009
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

Manual Integrations

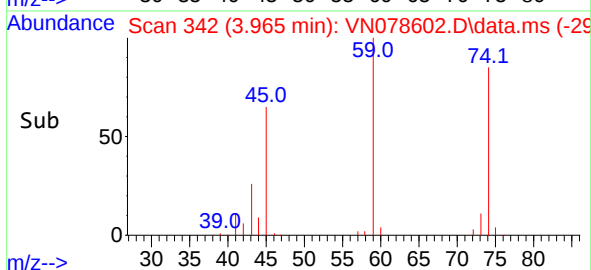
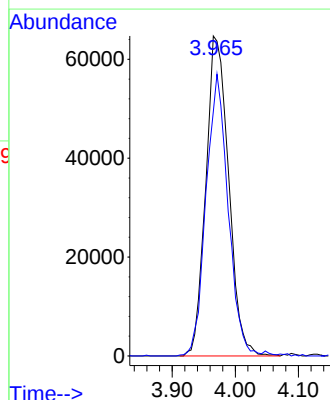
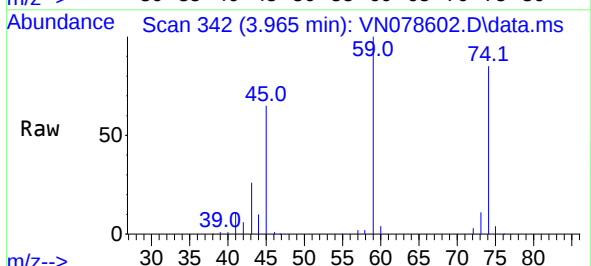
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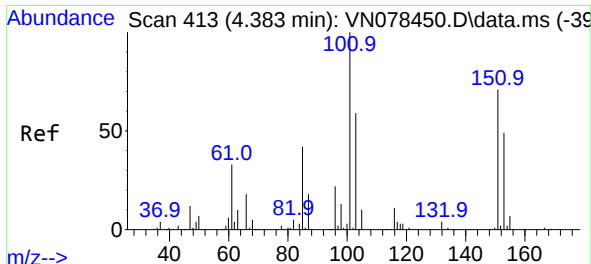
Reviewed By :John Carlone 07/21/2023
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#8
Diethyl Ether
Concen: 48.334 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
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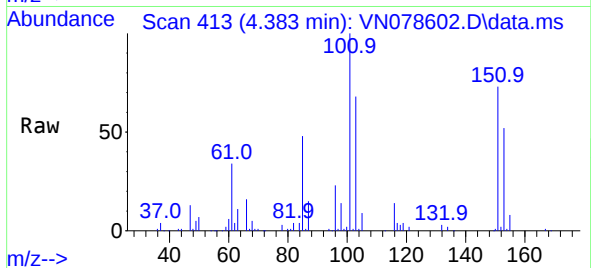
Tgt Ion: 74 Resp: 162517
Ion Ratio Lower Upper
74 100
45 85.0 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.958 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078602.D
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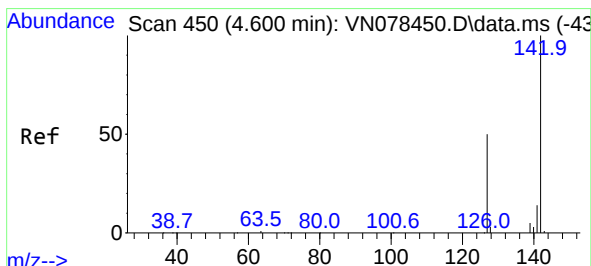
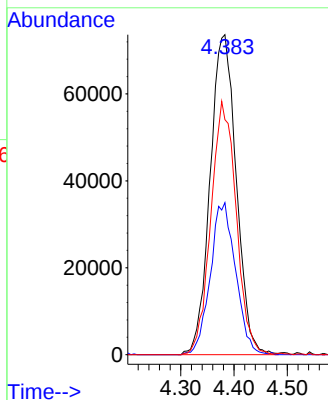
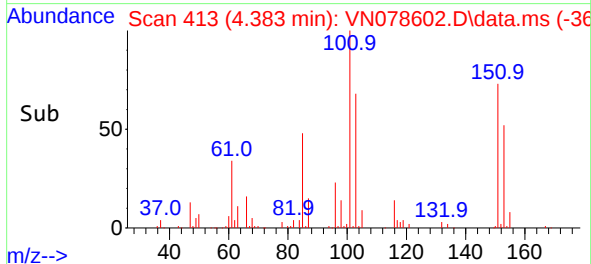
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



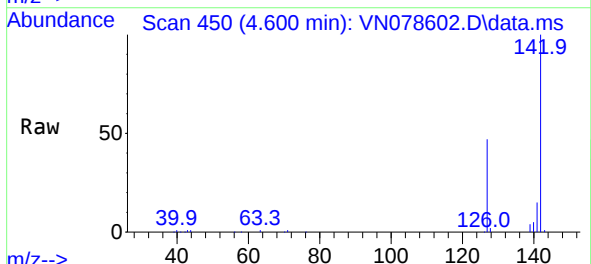
Tgt Ion:101 Resp: 250864
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 76.8 57.6 86.4

Manual Integrations
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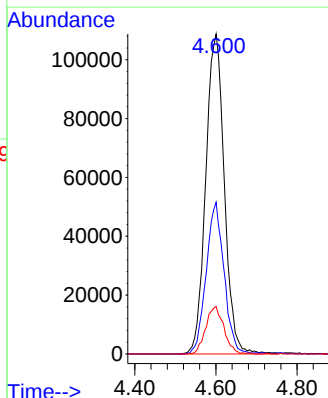
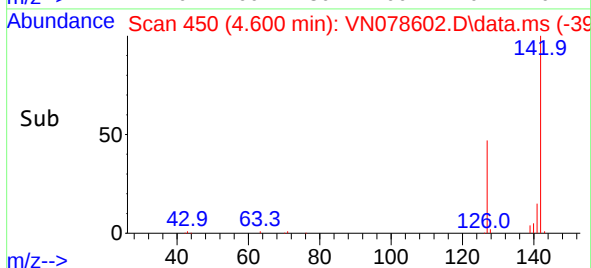
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

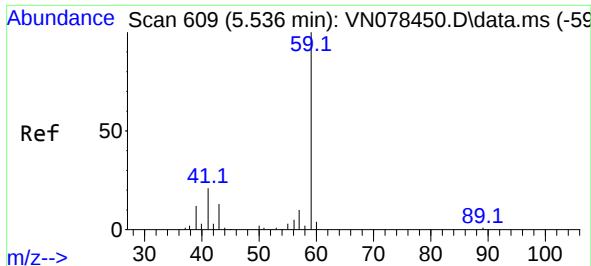


#10
Methyl Iodide
Concen: 47.018 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



Tgt Ion:142 Resp: 345166
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 14.8 11.4 17.0





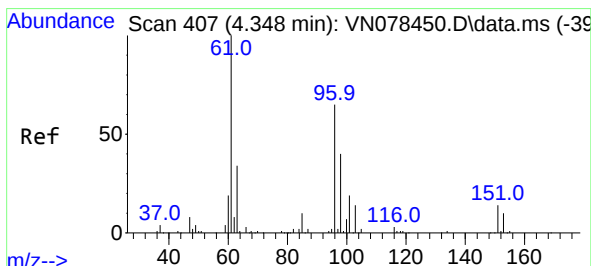
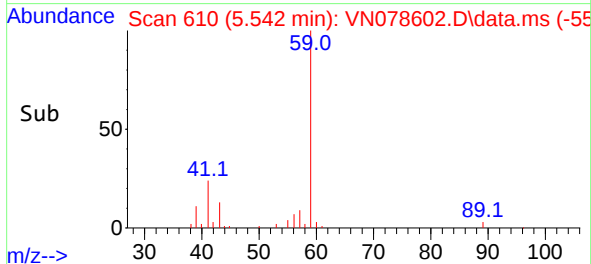
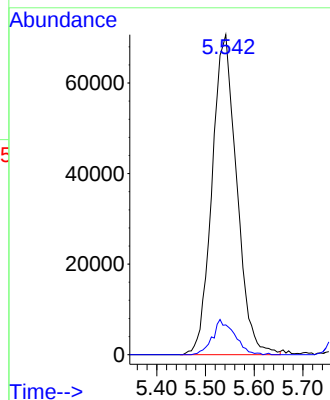
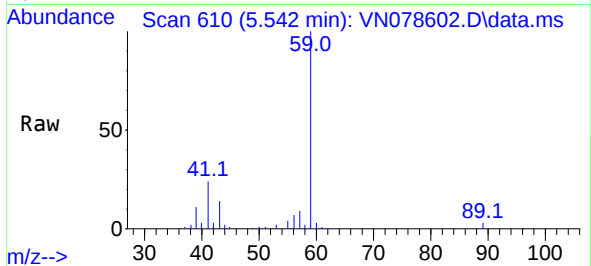
#11
Tert butyl alcohol
Concen: 245.741 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 248793
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

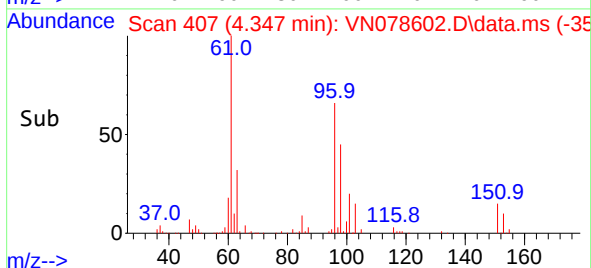
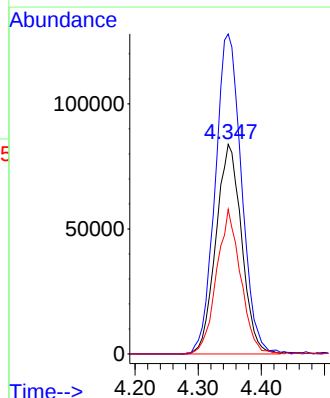
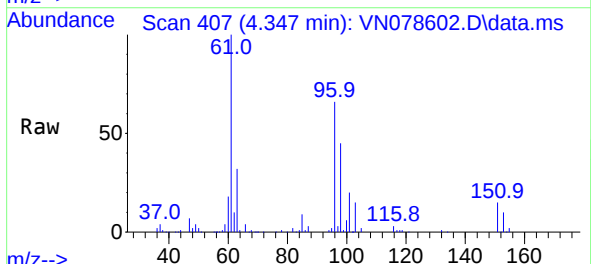
Manual Integrations
APPROVED

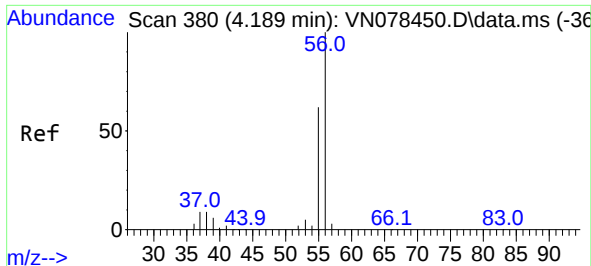
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#12
1,1-Dichloroethene
Concen: 45.855 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

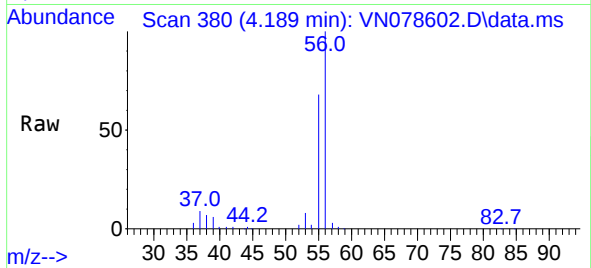
Tgt Ion: 96 Resp: 236963
Ion Ratio Lower Upper
96 100
61 152.7 112.7 169.1
98 69.0 51.2 76.8





#13
Acrolein
Concen: 224.441 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

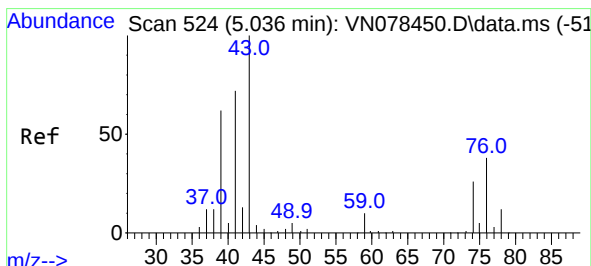
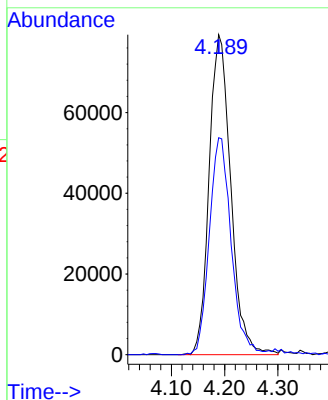
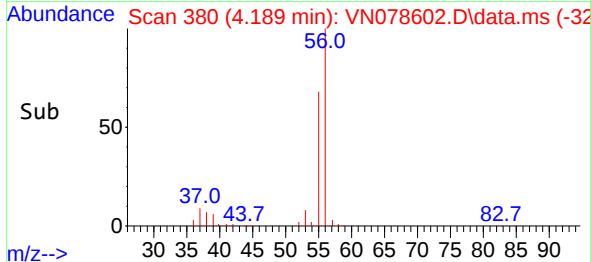
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



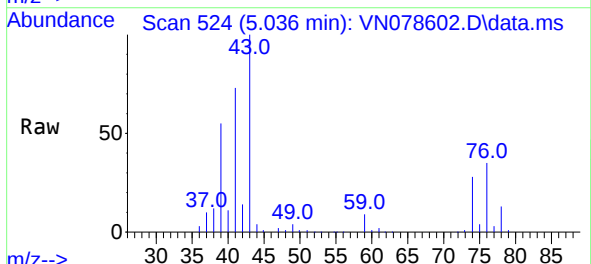
Tgt Ion: 56 Resp: 223562
Ion Ratio Lower Upper
56 100
55 68.5 54.5 81.7

Manual Integrations
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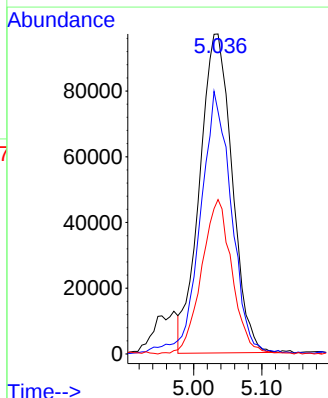
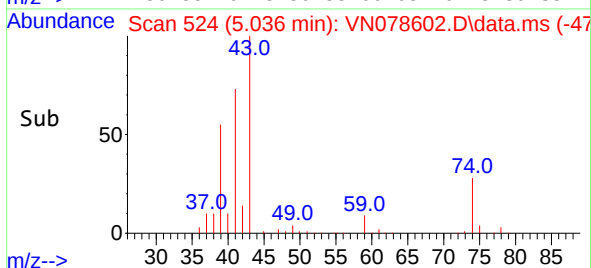
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

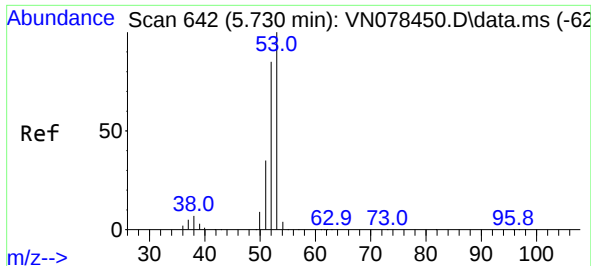


#14
Allyl chloride
Concen: 45.588 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



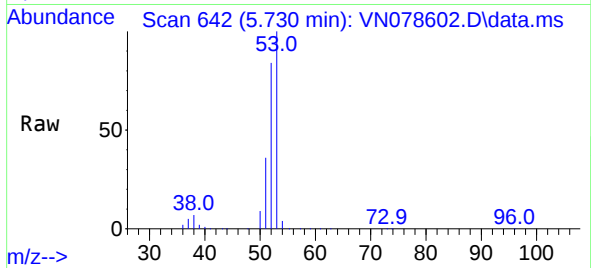
Tgt Ion: 41 Resp: 321907
Ion Ratio Lower Upper
41 100
39 79.6 58.8 88.2
76 45.5 39.1 58.7





#15
Acrylonitrile
Concen: 250.900 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

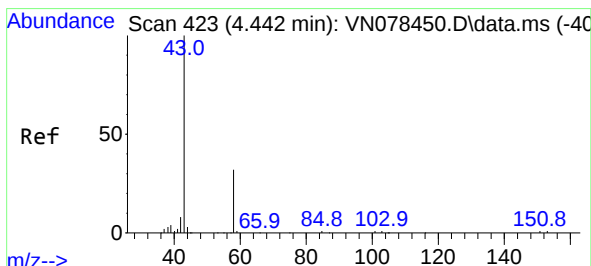
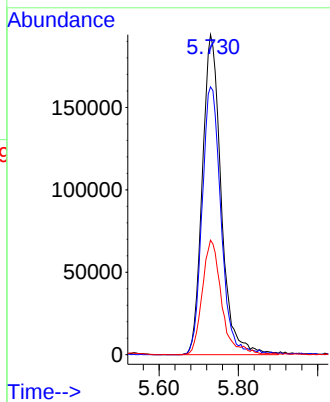
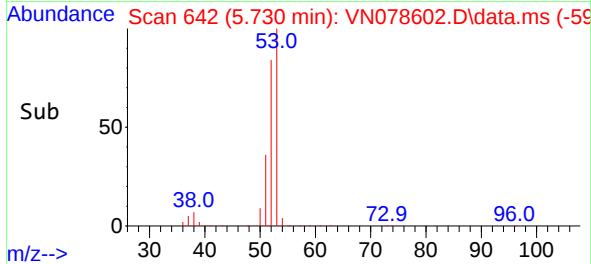
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



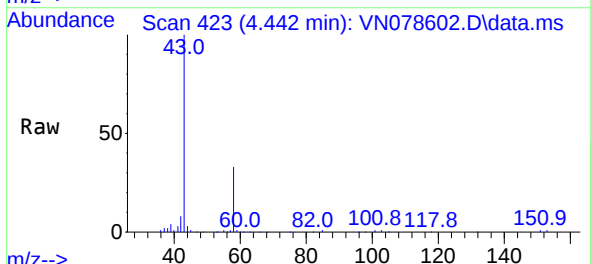
Tgt Ion: 53 Resp: 64180
Ion Ratio Lower Upper
53 100
52 83.8 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
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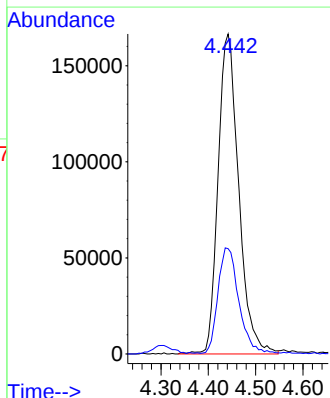
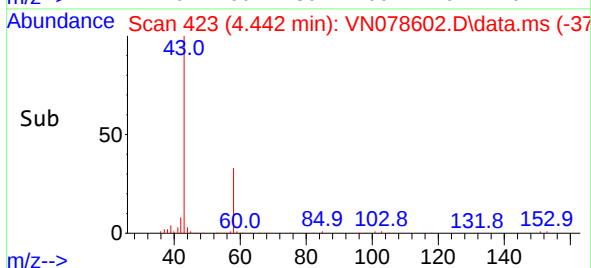
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

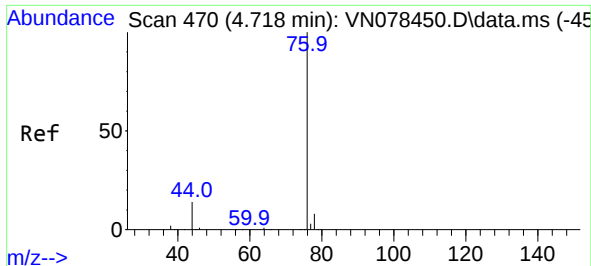


#16
Acetone
Concen: 246.368 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



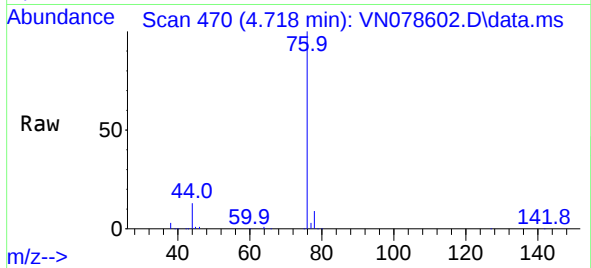
Tgt Ion: 43 Resp: 503860
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





#17
Carbon Disulfide
Concen: 37.850 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

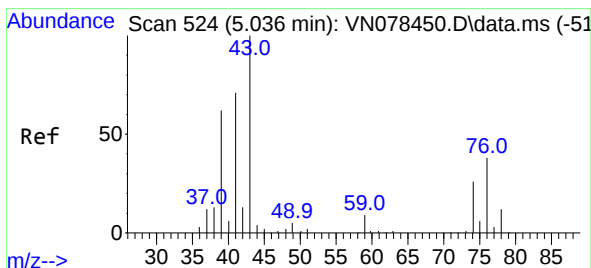
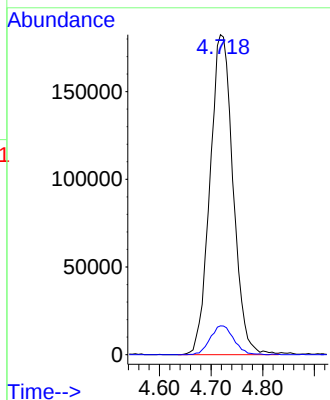
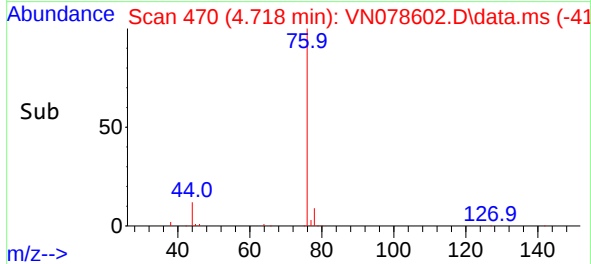
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 56559
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

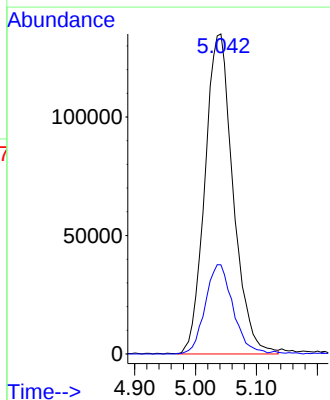
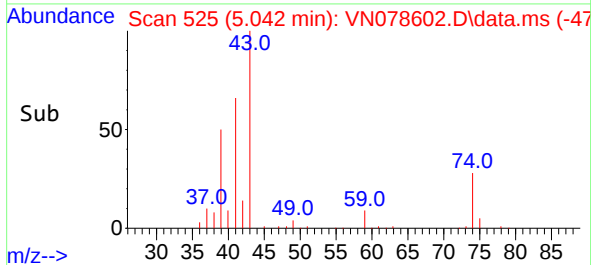
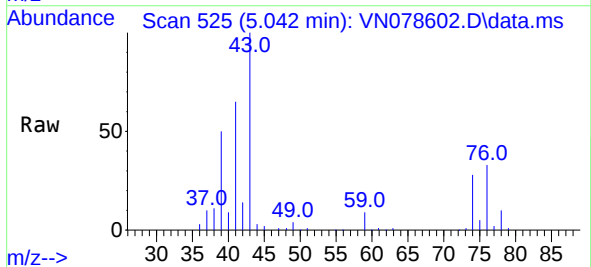
Manual Integrations
APPROVED

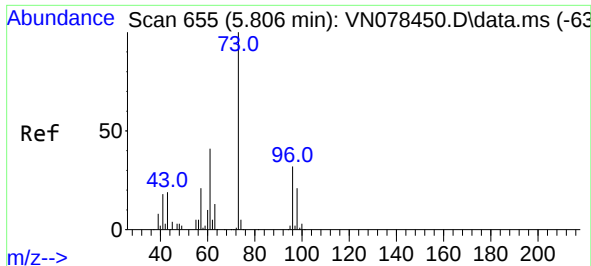
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#18
Methyl Acetate
Concen: 50.148 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Tgt Ion: 43 Resp: 434158
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4





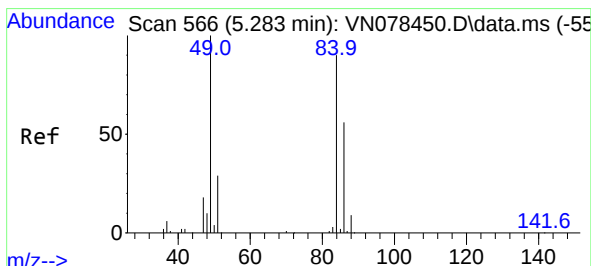
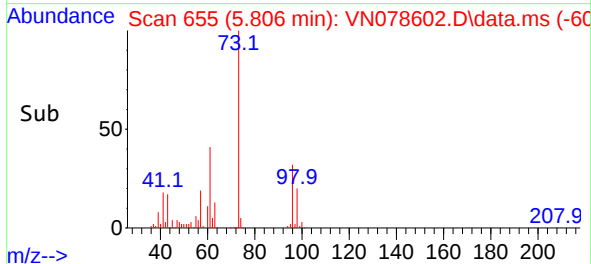
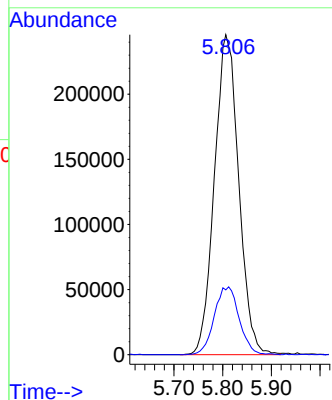
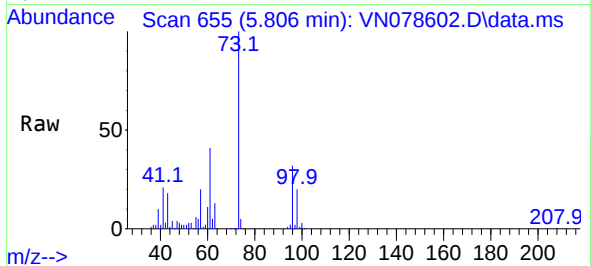
#19
Methyl tert-butyl Ether
Concen: 49.986 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 851084
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4

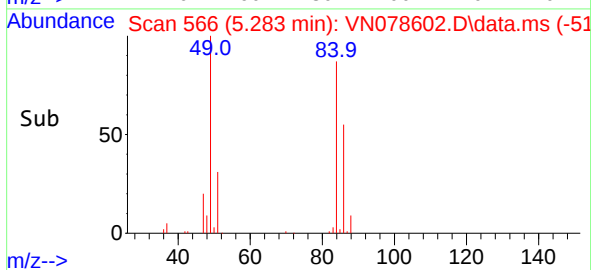
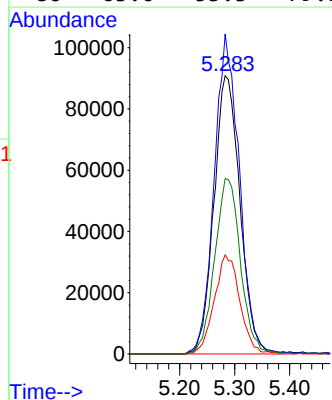
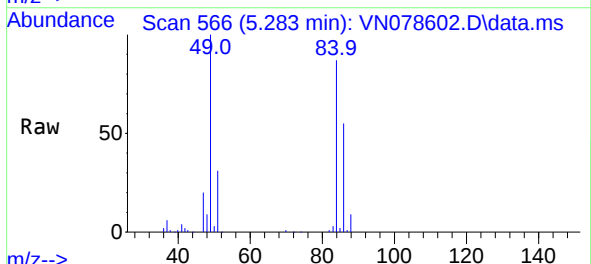
Manual Integrations
APPROVED

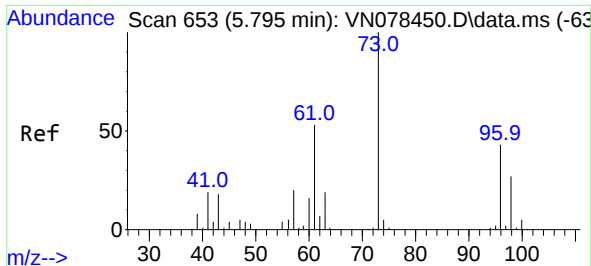
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#20
Methylene Chloride
Concen: 50.973 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Tgt Ion: 84 Resp: 298884
Ion Ratio Lower Upper
84 100
49 115.0 79.7 119.5
51 35.6 25.2 37.8
86 63.0 53.3 79.9





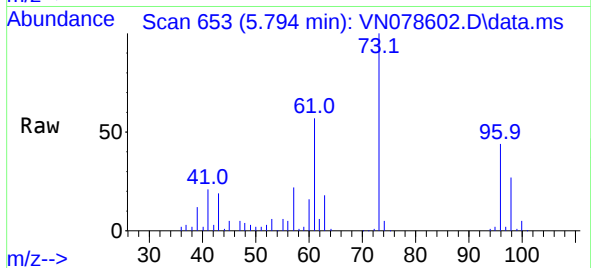
#21
trans-1,2-Dichloroethene
Concen: 45.468 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



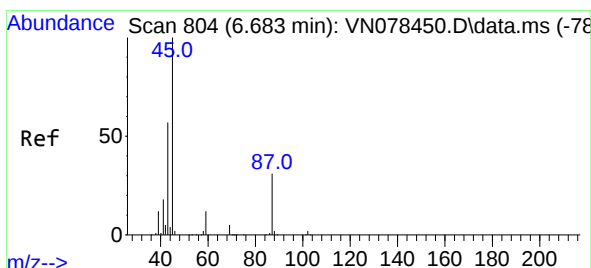
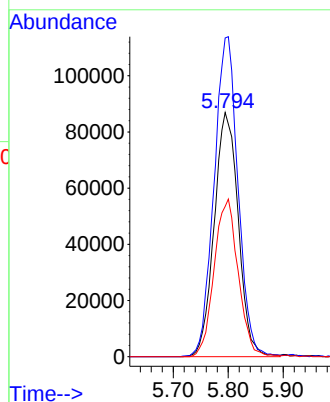
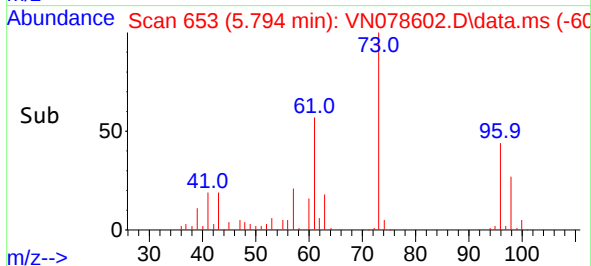
Tgt Ion: 96 Resp: 264777
Ion Ratio Lower Upper
96 100
61 130.5 90.1 135.1
98 61.5 46.4 69.6

Manual Integrations

APPROVED

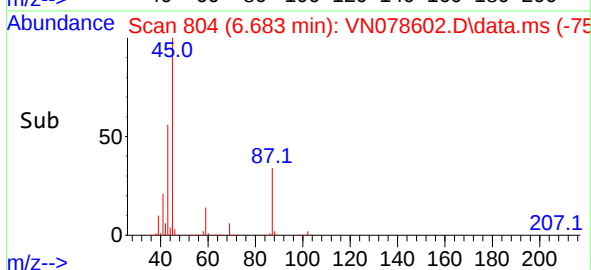
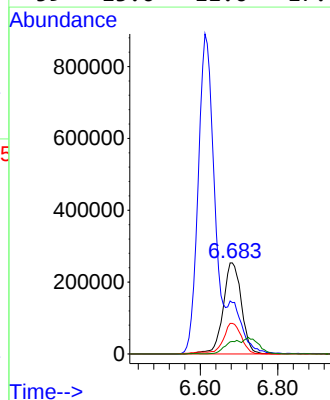
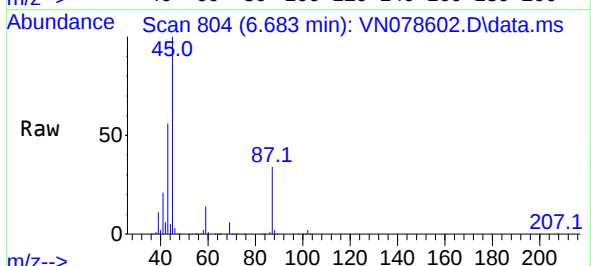
Reviewed By :John Carlone 07/21/2023

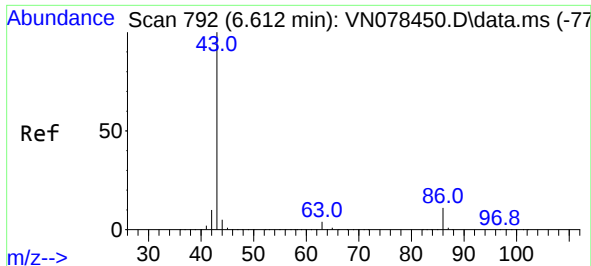
Supervised By :Mahesh Dadoda 07/21/2023



#22
Diisopropyl ether
Concen: 52.584 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

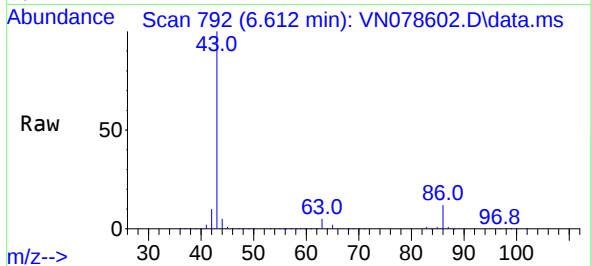
Tgt Ion: 45 Resp: 831415
Ion Ratio Lower Upper
45 100
43 56.0 45.5 68.3
87 33.4 31.8 47.8
59 13.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 255.121 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078602.D
 Acq: 20 Jul 2023 18:46

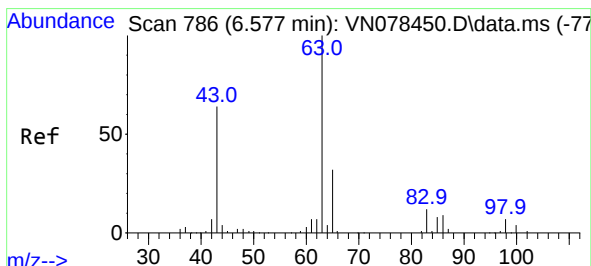
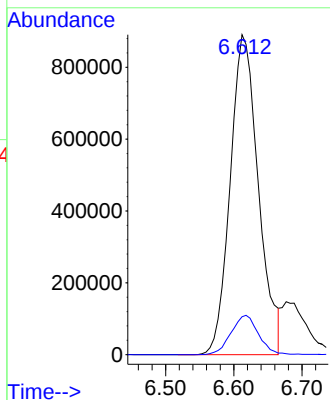
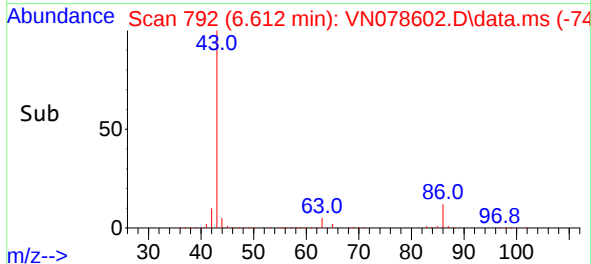
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



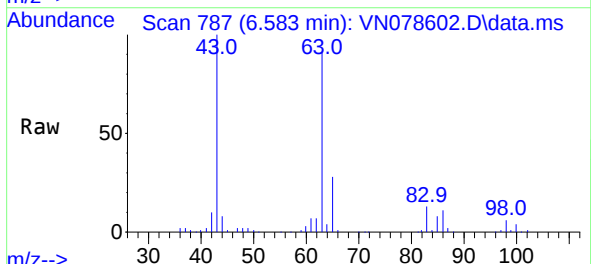
Tgt Ion: 43 Resp: 2564428
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
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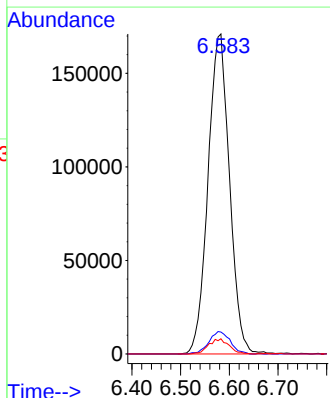
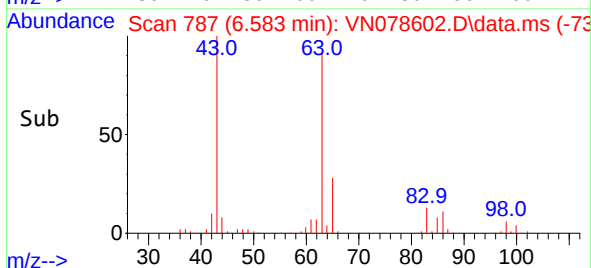
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

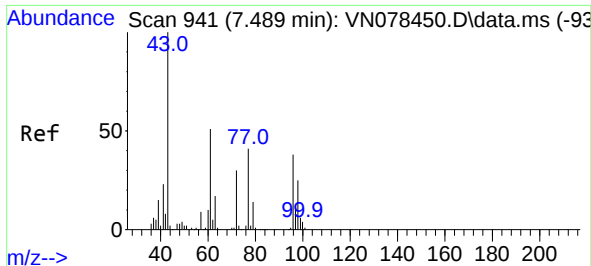


#24
 1,1-Dichloroethane
 Concen: 49.157 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078602.D
 Acq: 20 Jul 2023 18:46



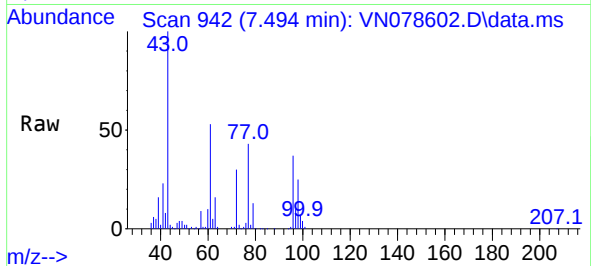
Tgt Ion: 63 Resp: 523731
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 254.404 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

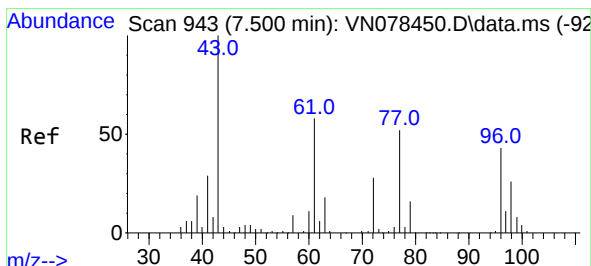
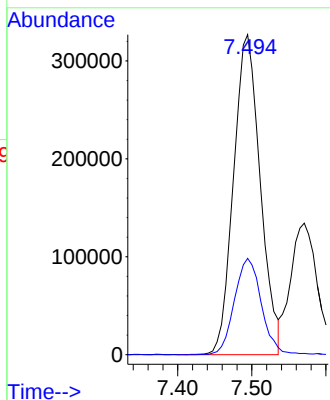
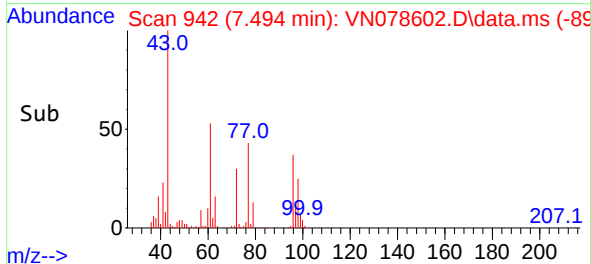
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



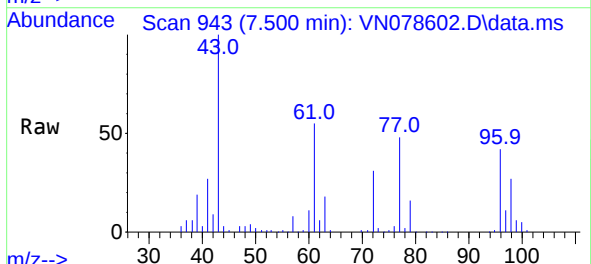
Tgt Ion: 43 Resp: 819014
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

Manual Integrations
APPROVED

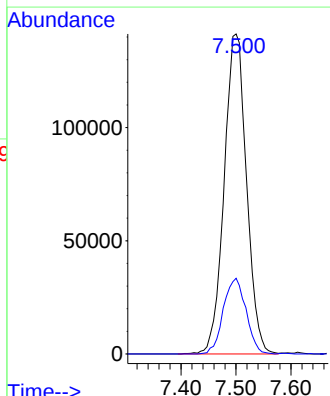
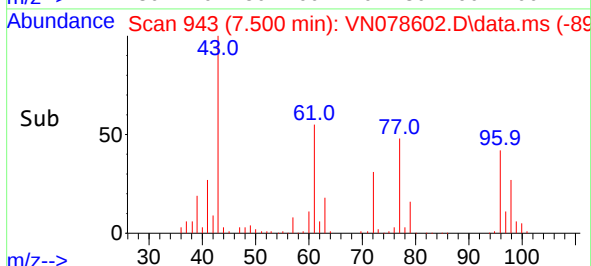
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

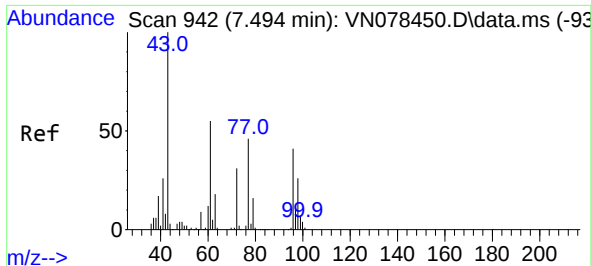


#26
2,2-Dichloropropane
Concen: 45.848 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



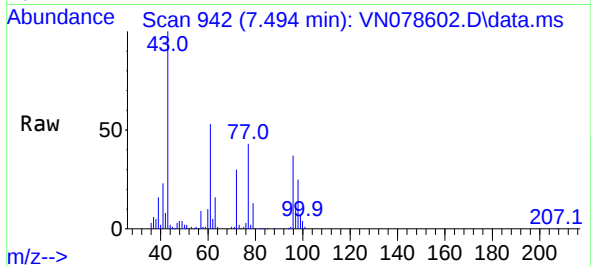
Tgt Ion: 77 Resp: 399515
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 49.084 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

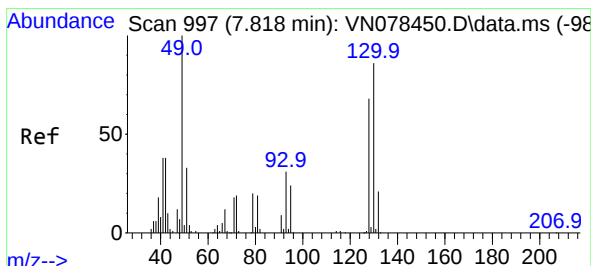
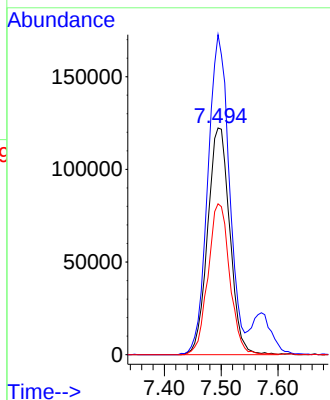
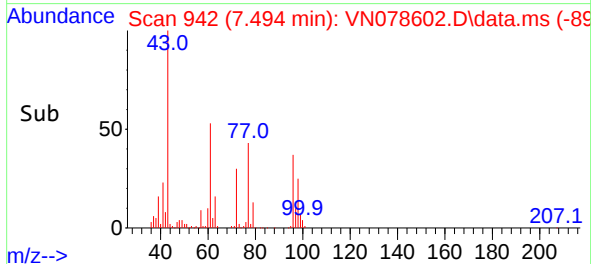
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



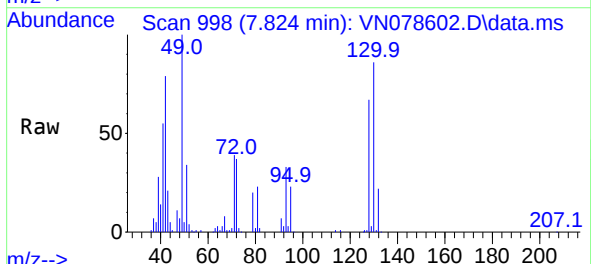
Tgt Ion: 96 Resp: 330662
Ion Ratio Lower Upper
96 100
61 136.7 0.0 255.2
98 65.1 0.0 128.8

Manual Integrations
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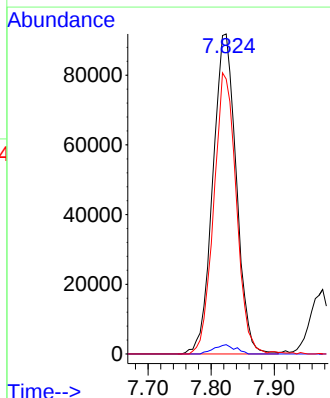
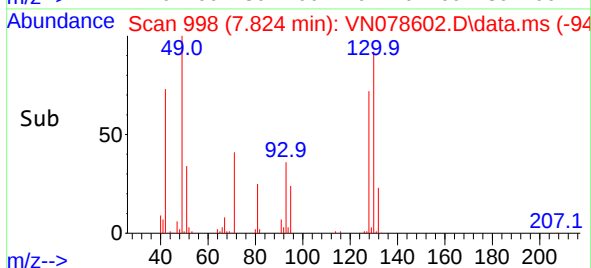
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

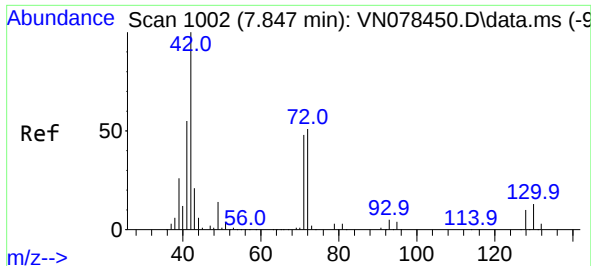


#28
Bromochloromethane
Concen: 47.161 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



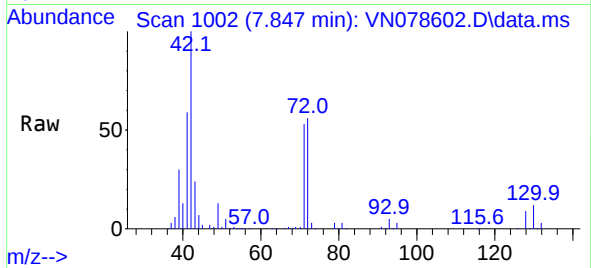
Tgt Ion: 49 Resp: 236663
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 84.2 75.3 112.9





#29
Tetrahydrofuran
Concen: 252.987 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

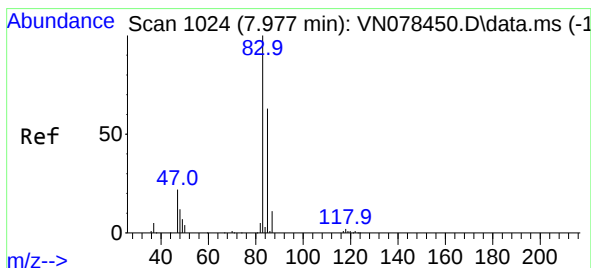
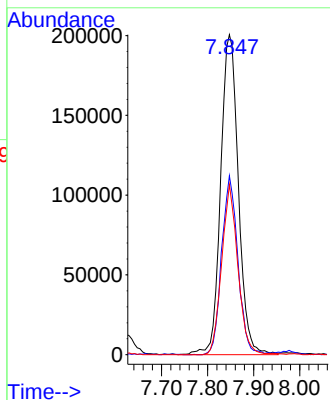
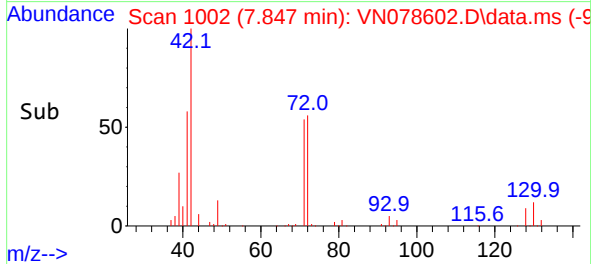
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



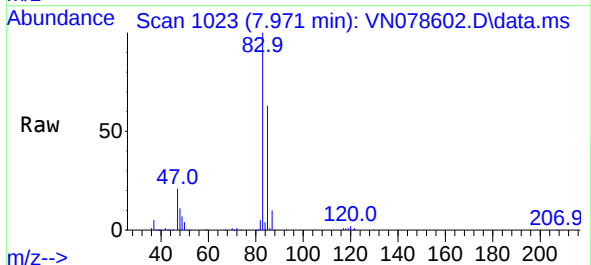
Tgt Ion: 42 Resp: 534418
Ion Ratio Lower Upper
42 100
72 51.0 49.8 74.6
71 48.2 47.4 71.2

Manual Integrations
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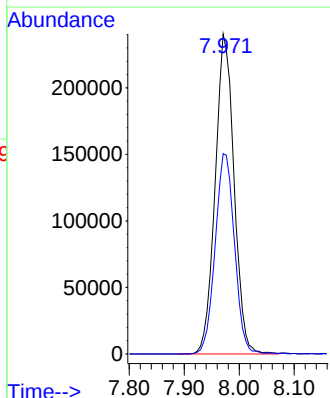
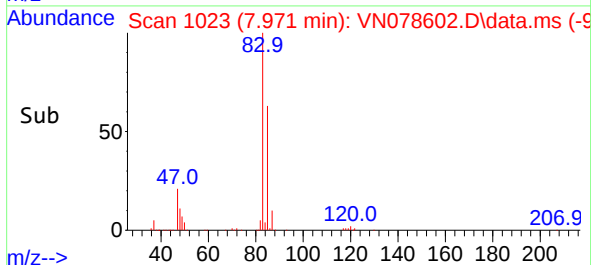
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

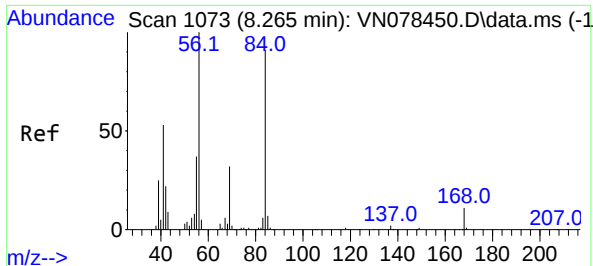


#30
Chloroform
Concen: 51.737 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



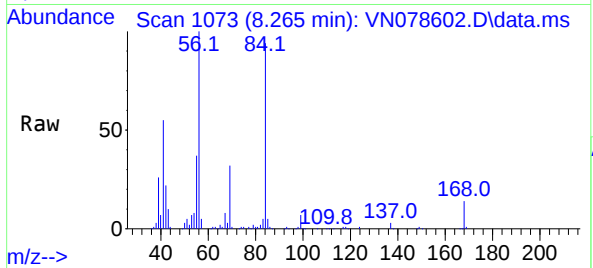
Tgt Ion: 83 Resp: 573869
Ion Ratio Lower Upper
83 100
85 62.6 55.4 83.0





#31
Cyclohexane
Concen: 42.634 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

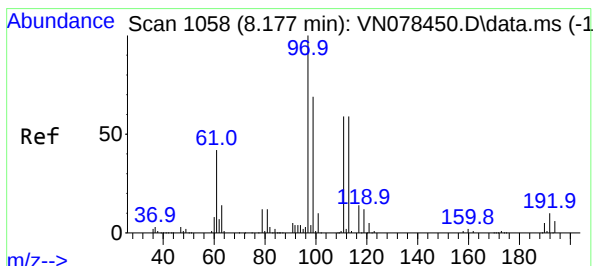
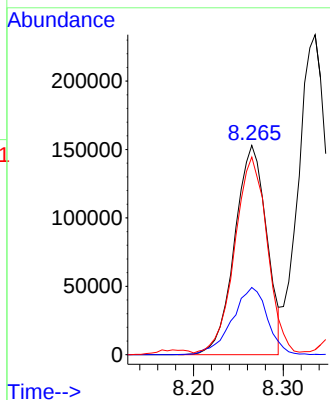
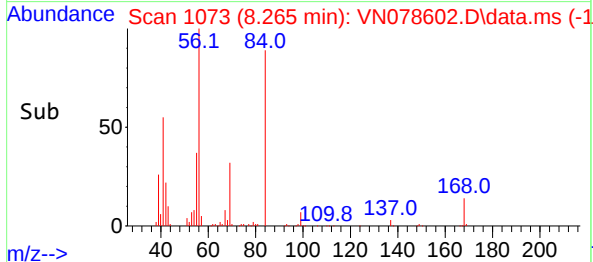
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



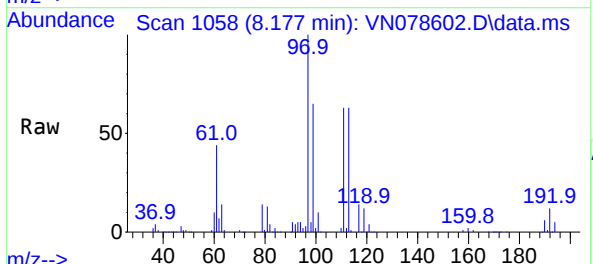
Tgt Ion: 56 Resp: 37828
Ion Ratio Lower Upper
56 100
69 32.0 26.8 40.2
84 92.3 81.8 122.6

Manual Integrations
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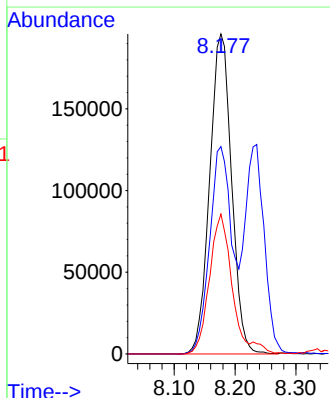
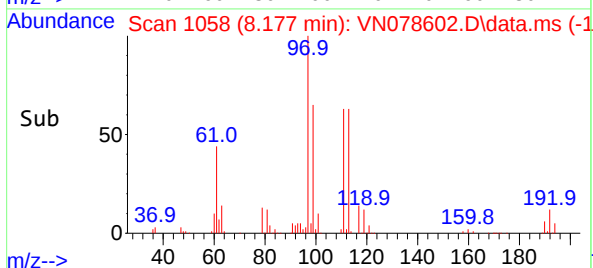
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

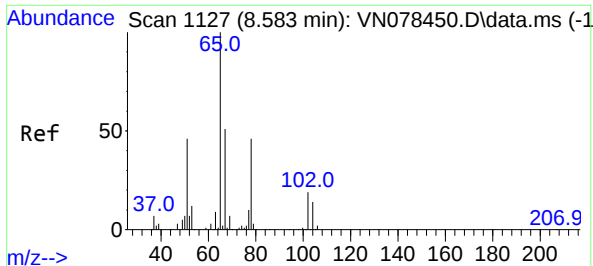


#32
1,1,1-Trichloroethane
Concen: 49.186 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



Tgt Ion: 97 Resp: 489144
Ion Ratio Lower Upper
97 100
99 66.1 50.3 75.5
61 45.6 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 50.571 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

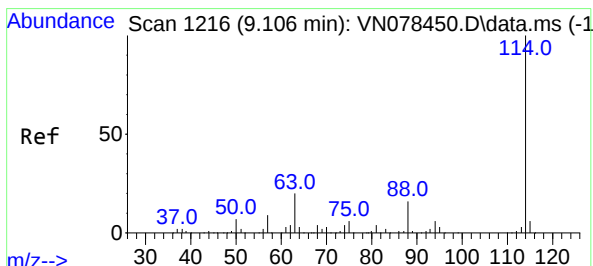
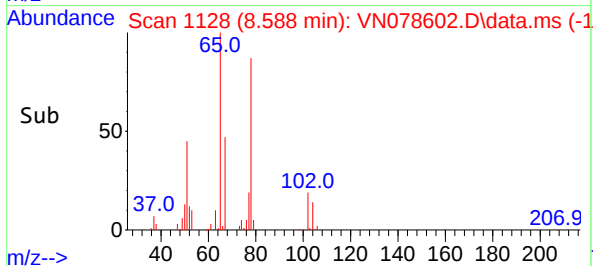
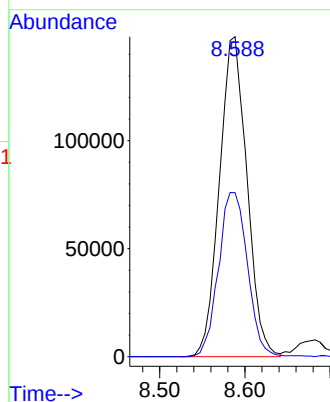
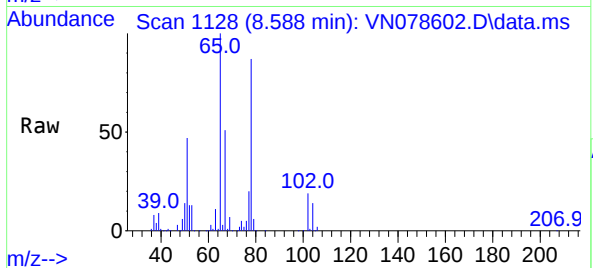
Tgt Ion: 65 Resp: 332024
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.6

Manual Integrations

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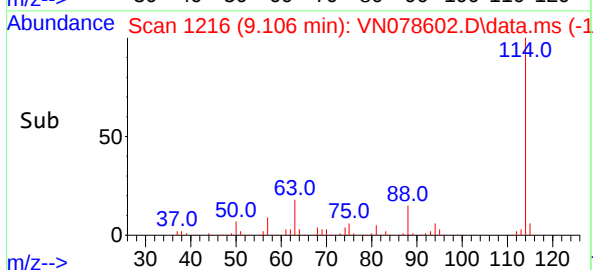
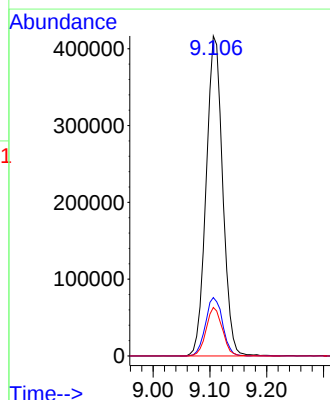
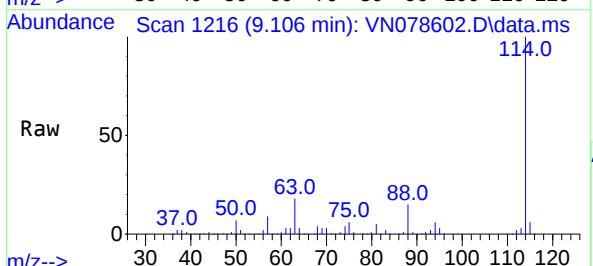
Reviewed By :John Carlone 07/21/2023

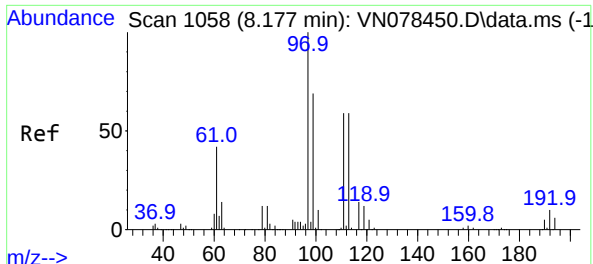
Supervised By :Mahesh Dadoda 07/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

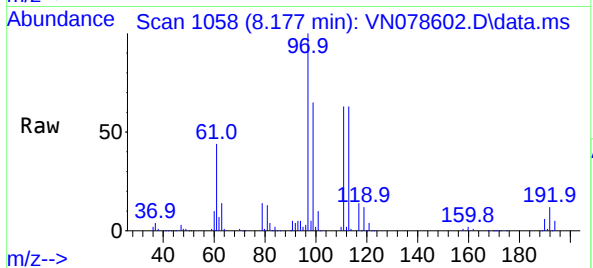
Tgt Ion:114 Resp: 838169
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.4
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.471 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

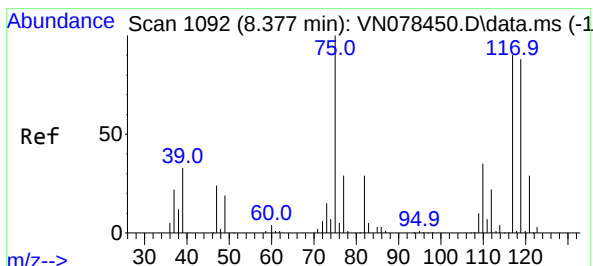
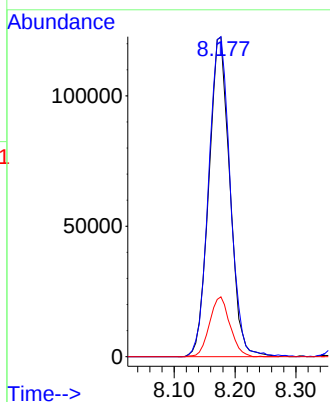
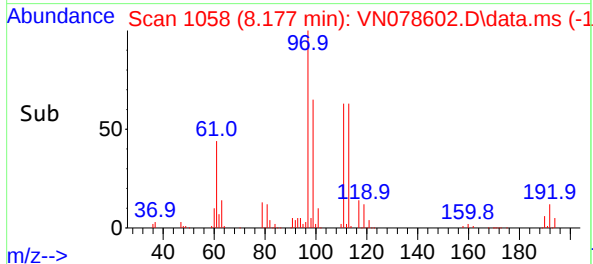
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



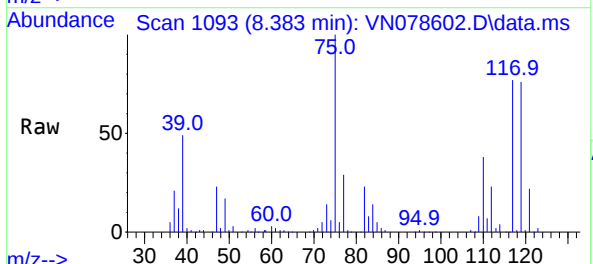
Tgt Ion:113 Resp: 292858
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.2 12.7 19.1

Manual Integrations
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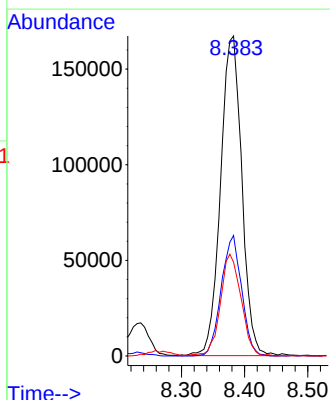
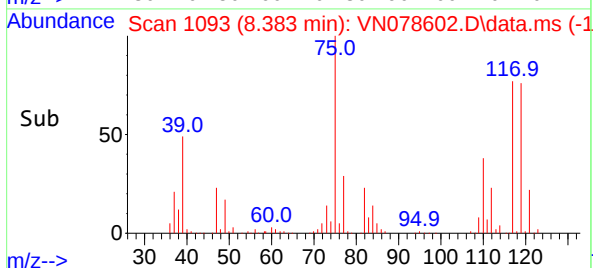
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

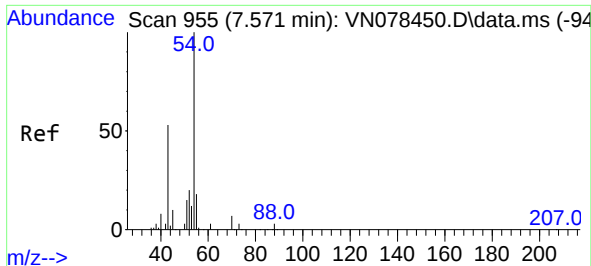


#36
1,1-Dichloropropene
Concen: 47.620 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



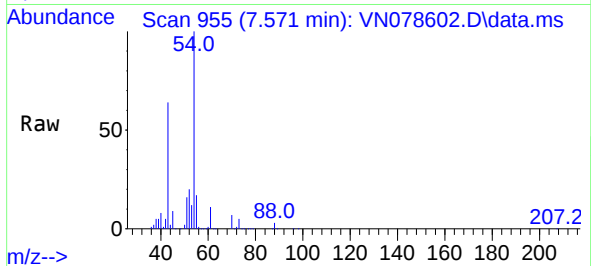
Tgt Ion: 75 Resp: 391224
Ion Ratio Lower Upper
75 100
110 36.1 19.1 57.3
77 31.1 25.0 37.4





#37
Ethyl Acetate
Concen: 51.526 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

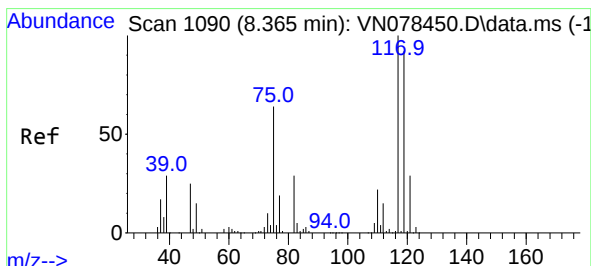
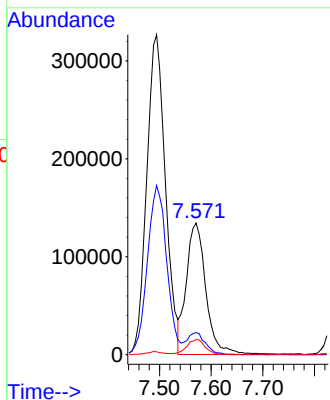
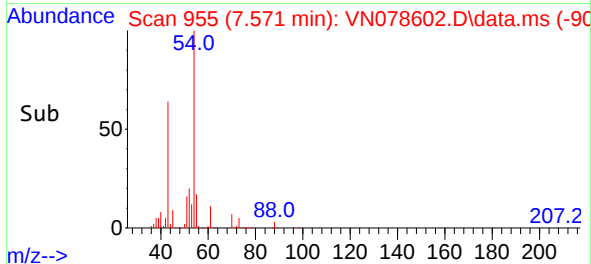
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 35287
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.0 11.3 16.9

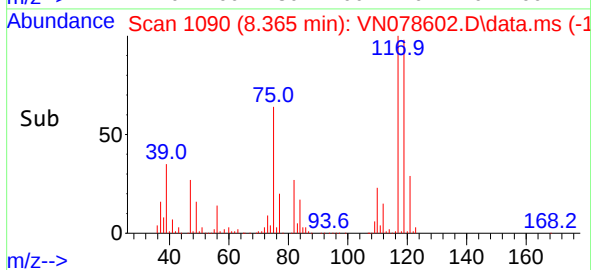
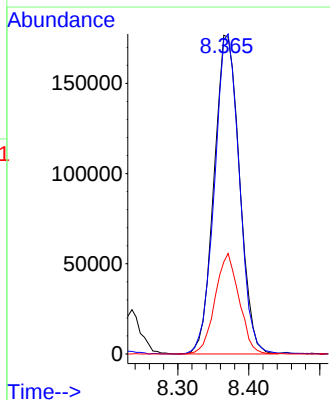
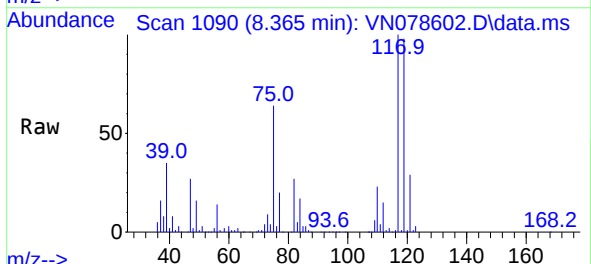
Manual Integrations
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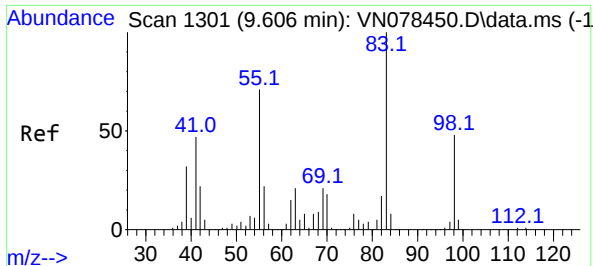
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#38
Carbon Tetrachloride
Concen: 49.153 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Tgt Ion:117 Resp: 438882
Ion Ratio Lower Upper
117 100
119 98.5 77.3 115.9
121 28.8 23.3 34.9





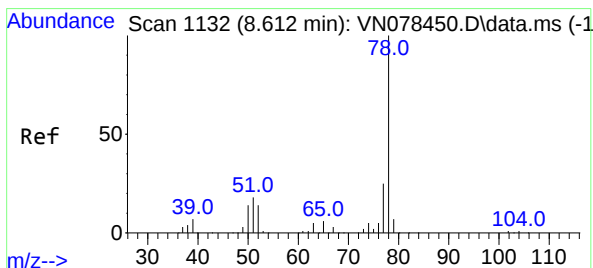
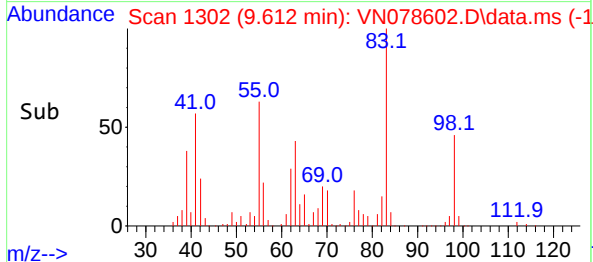
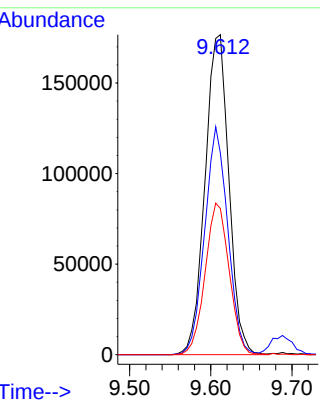
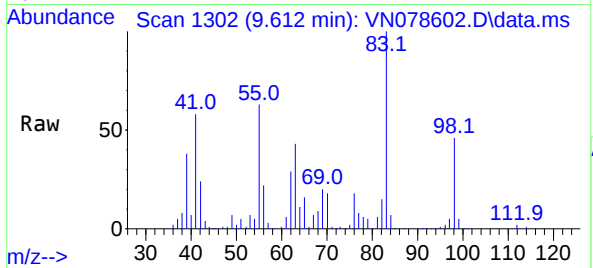
#39
Methylcyclohexane
Concen: 48.231 ug/l
RT: 9.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 36168
Ion Ratio Lower Upper
83 100
55 63.0 49.1 73.7
98 45.7 40.6 61.0

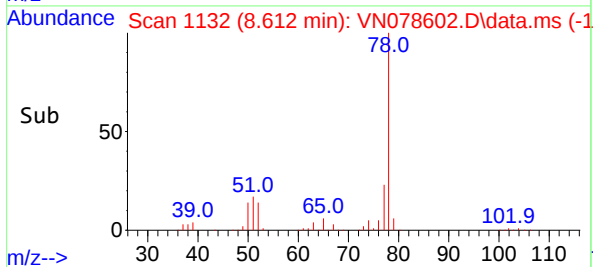
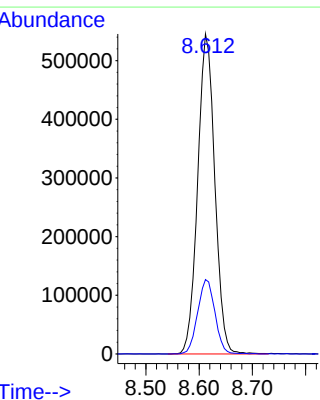
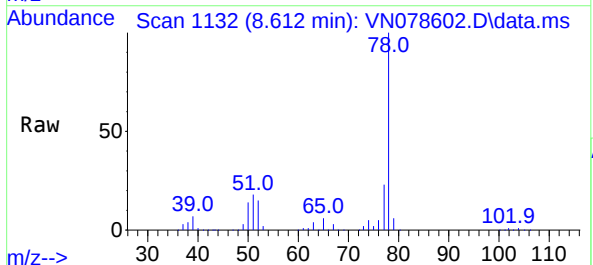
Manual Integrations
APPROVED

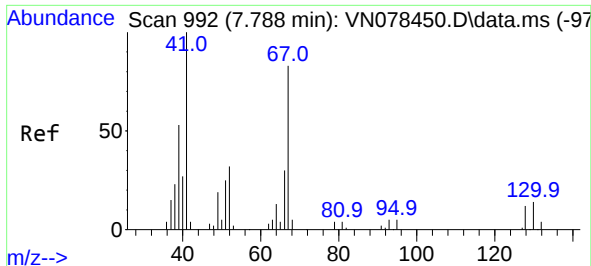
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#40
Benzene
Concen: 50.031 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

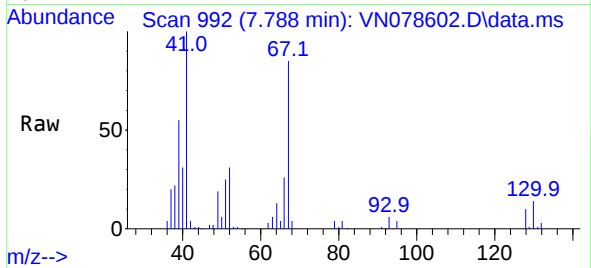
Tgt Ion: 78 Resp: 1217698
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 54.551 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

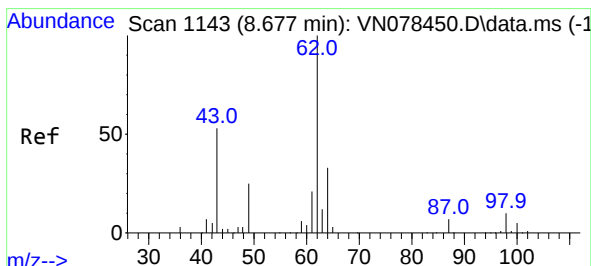
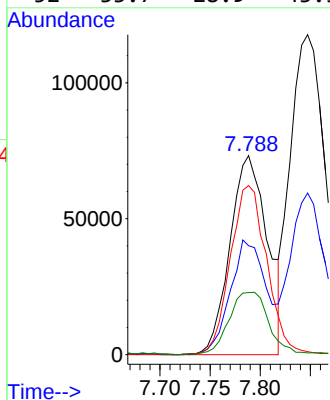
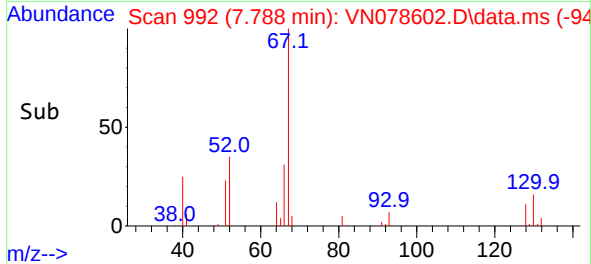
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



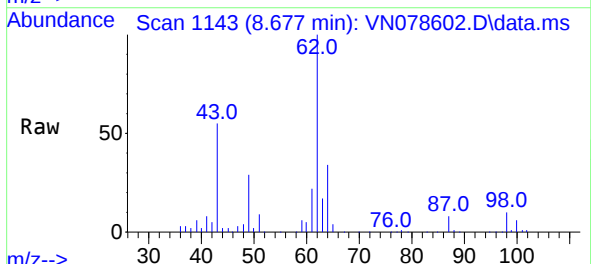
Tgt Ion: 41 Resp: 190458
Ion Ratio Lower Upper
41 100
39 52.9 42.6 64.0
67 83.4 77.5 116.3
52 33.7 28.9 43.3

Manual Integrations
APPROVED

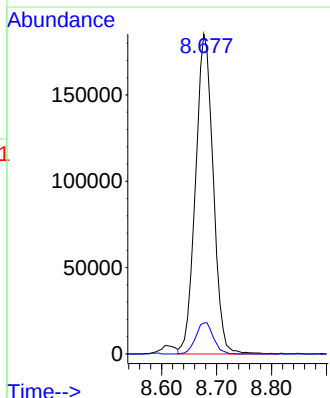
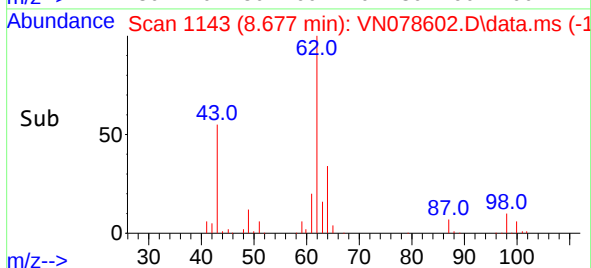
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

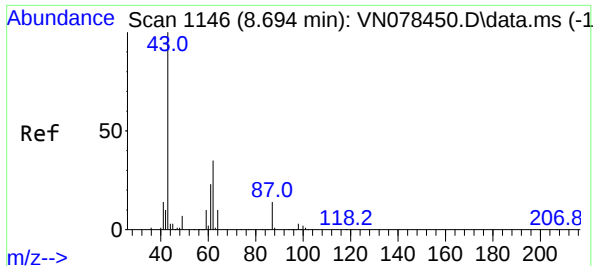


#42
1,2-Dichloroethane
Concen: 49.986 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



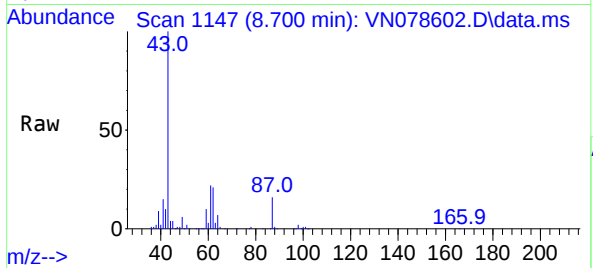
Tgt Ion: 62 Resp: 413814
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 53.409 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

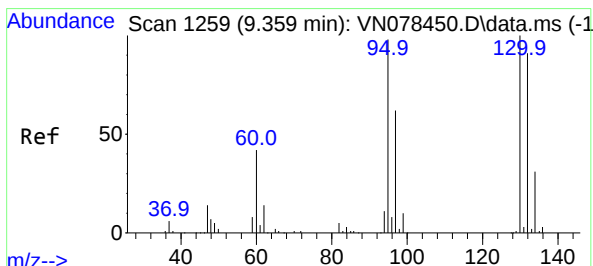
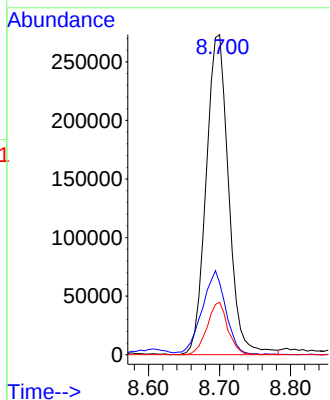
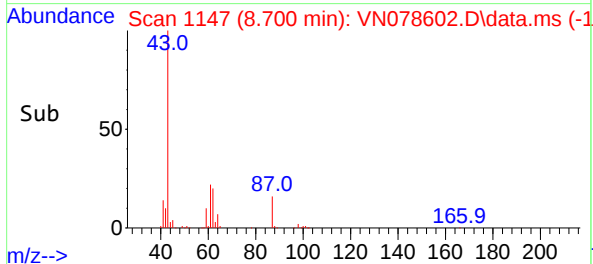
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 60220
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 15.0 14.6 21.8

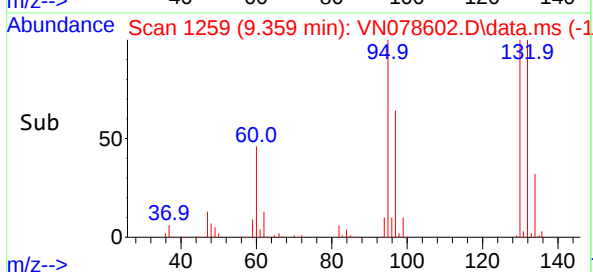
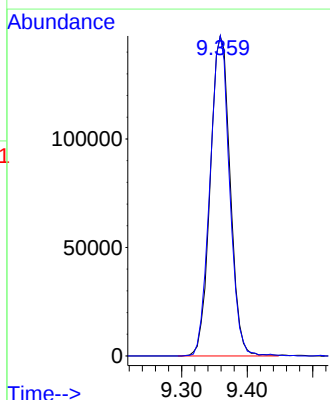
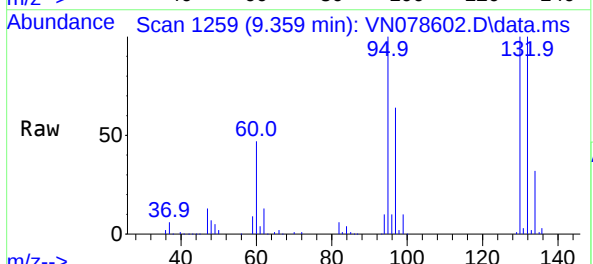
Manual Integrations
APPROVED

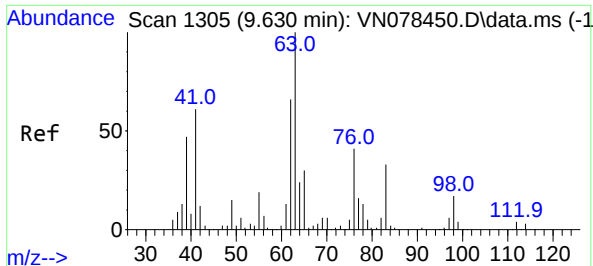
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#44
Trichloroethene
Concen: 47.206 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Tgt Ion:130 Resp: 309664
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.6





#45
1,2-Dichloropropane
Concen: 51.765 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

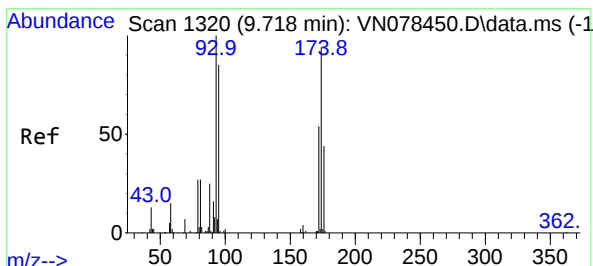
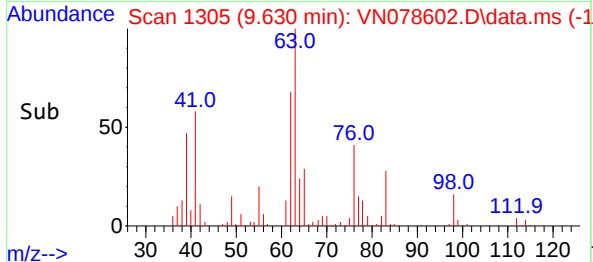
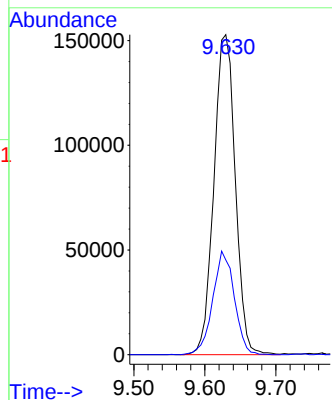
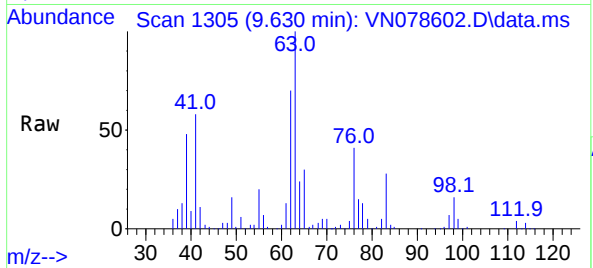
VSTDCCC050EC

Tgt Ion: 63 Resp: 31910
Ion Ratio Lower Upper
63 100
65 29.6 23.9 35.9

Manual Integrations

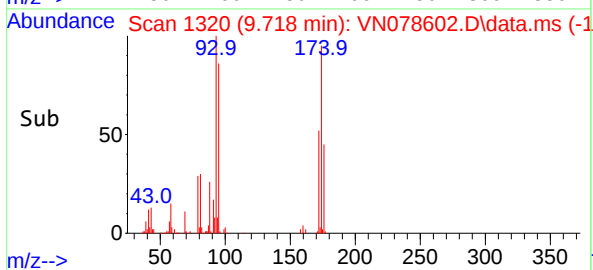
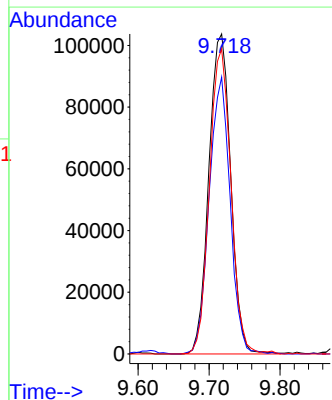
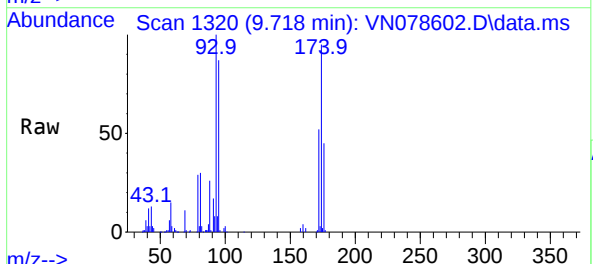
APPROVED

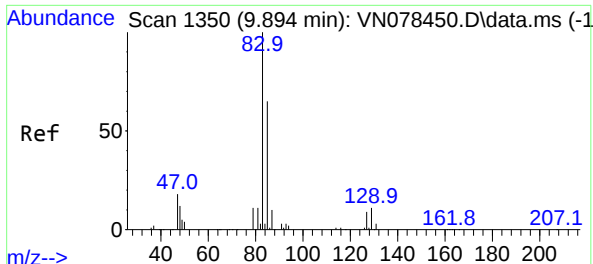
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#46
Dibromomethane
Concen: 51.009 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

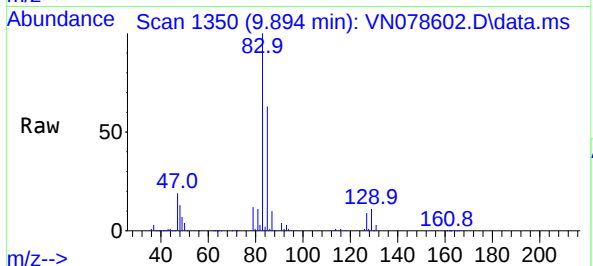
Tgt Ion: 93 Resp: 221315
Ion Ratio Lower Upper
93 100
95 83.1 63.8 95.8
174 93.7 65.6 98.4





#47
Bromodichloromethane
Concen: 52.502 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

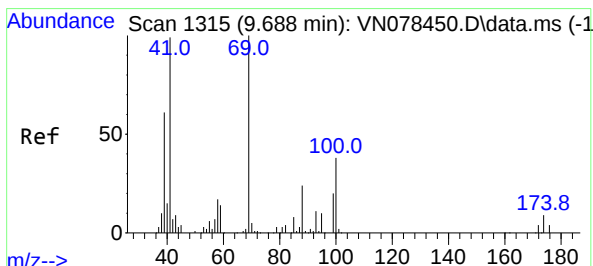
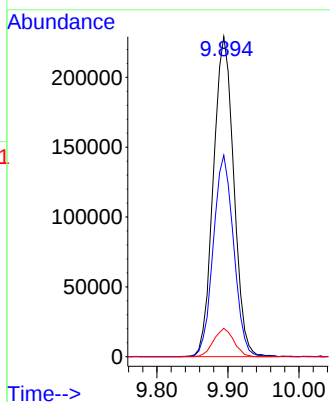
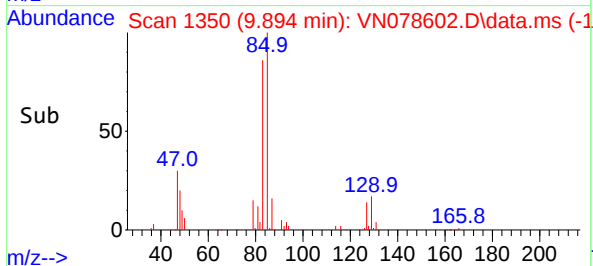
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



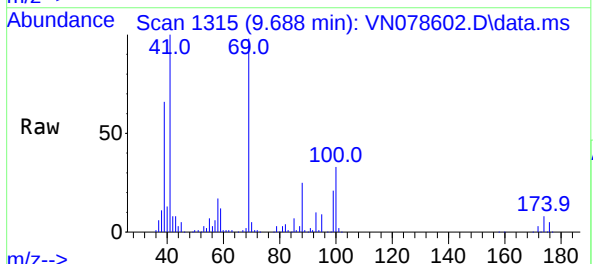
Tgt Ion: 83 Resp: 45662
Ion Ratio Lower Upper
83 100
85 63.0 49.6 74.4
127 8.9 7.0 10.6

Manual Integrations
APPROVED

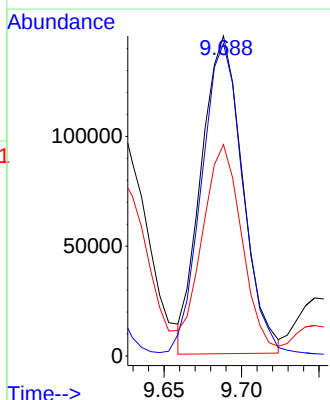
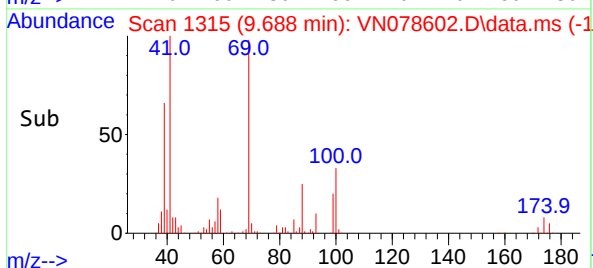
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

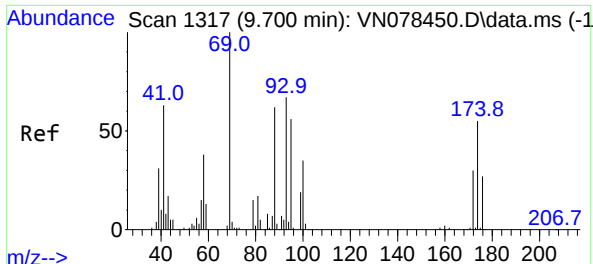


#48
Methyl methacrylate
Concen: 51.499 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



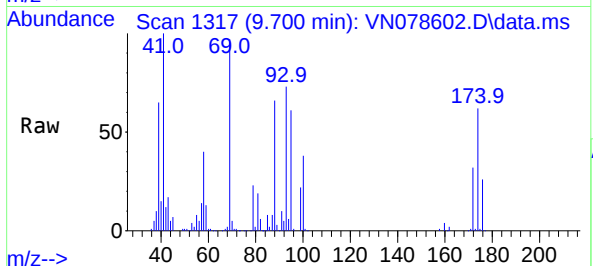
Tgt Ion: 41 Resp: 269018
Ion Ratio Lower Upper
41 100
69 99.4 90.4 135.6
39 65.6 54.6 81.8





#49
1,4-Dioxane
Concen: 1053.118 ug/l
RT: 9.700 min Scan# 11997
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

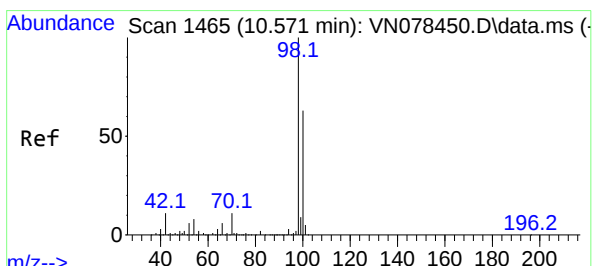
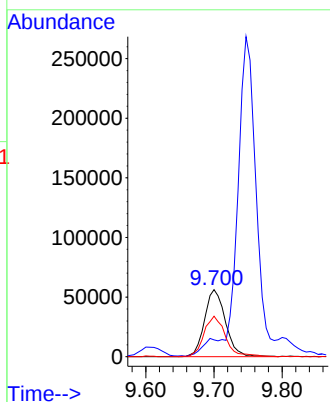
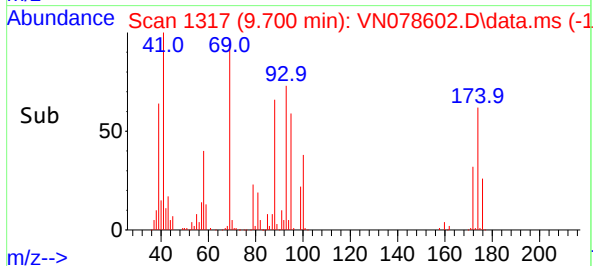
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 11997
Ion Ratio Lower Upper
88 100
43 20.0 17.0 25.6
58 62.2 47.0 70.4

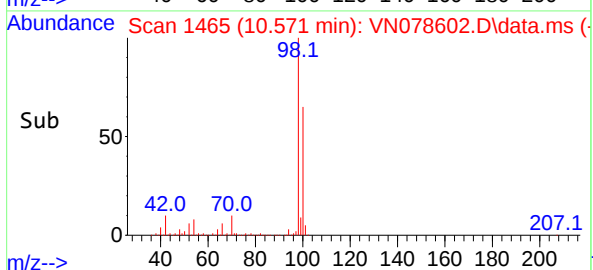
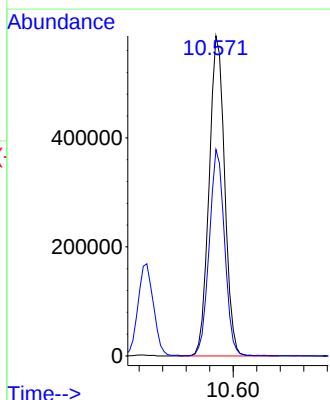
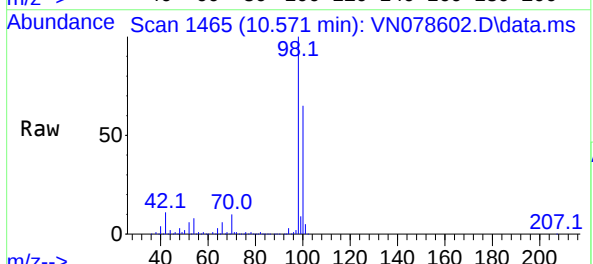
Manual Integrations
APPROVED

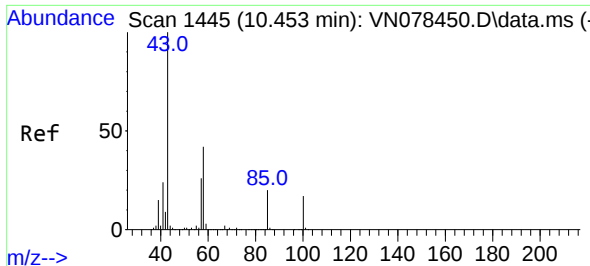
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Tgt Ion: 98 Resp: 1078035
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0





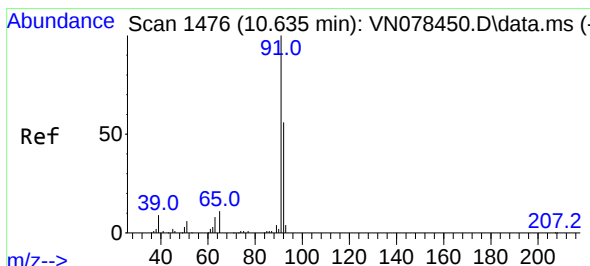
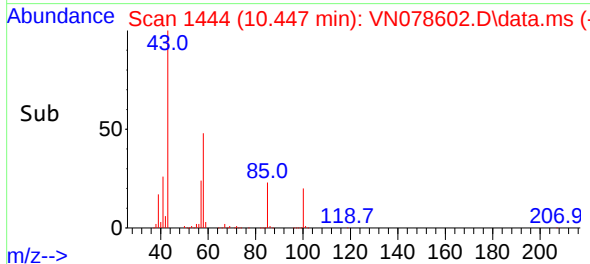
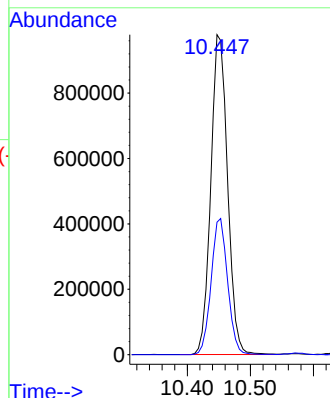
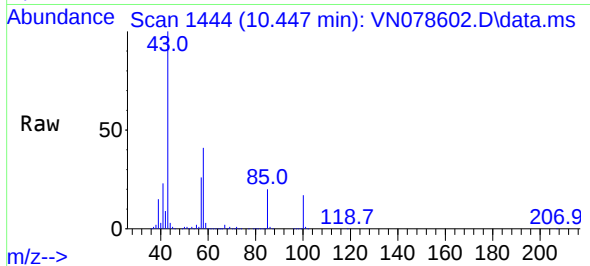
#51
4-Methyl-2-Pentanone
Concen: 269.066 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1804538
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8

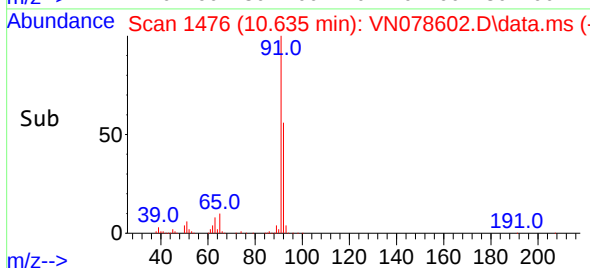
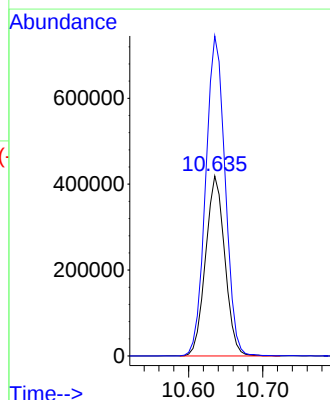
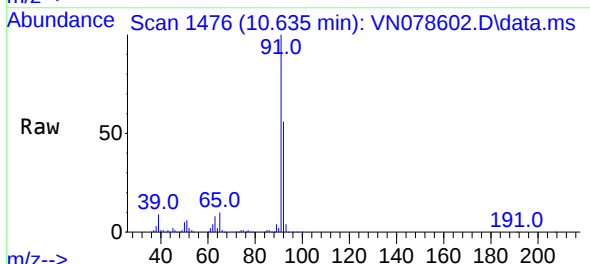
Manual Integrations
APPROVED

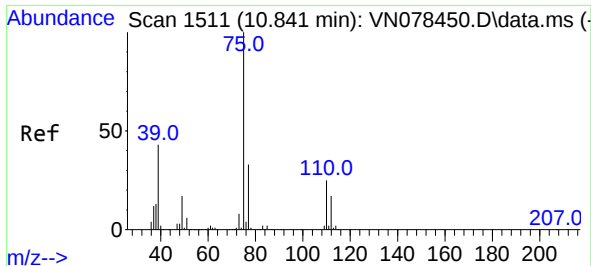
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#52
Toluene
Concen: 50.141 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

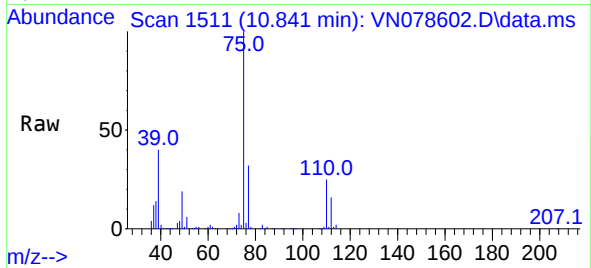
Tgt Ion: 92 Resp: 756363
Ion Ratio Lower Upper
92 100
91 179.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.722 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

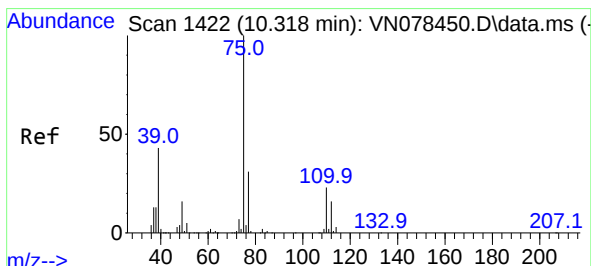
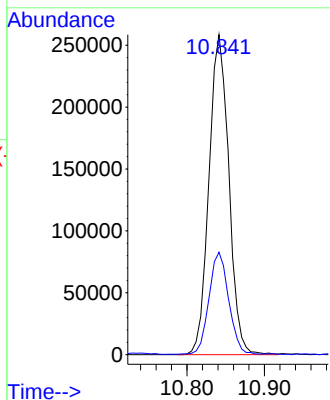
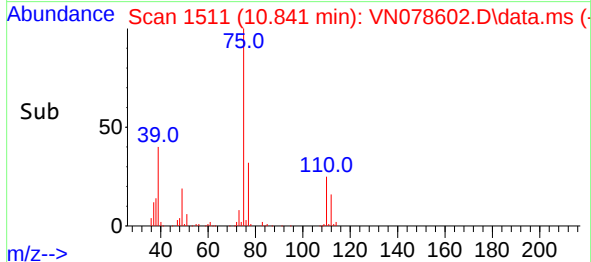
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



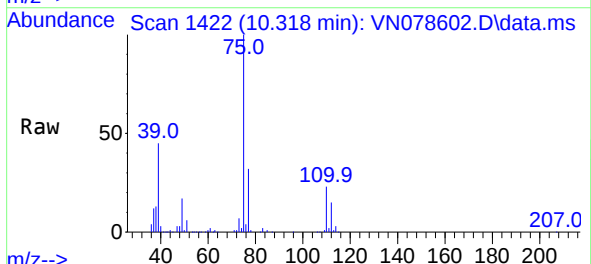
Tgt Ion: 75 Resp: 46084
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

Manual Integrations
APPROVED

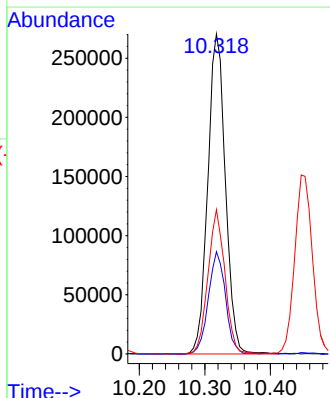
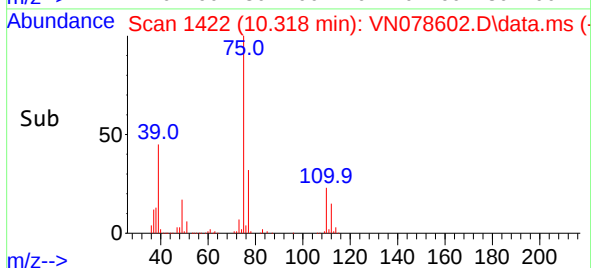
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

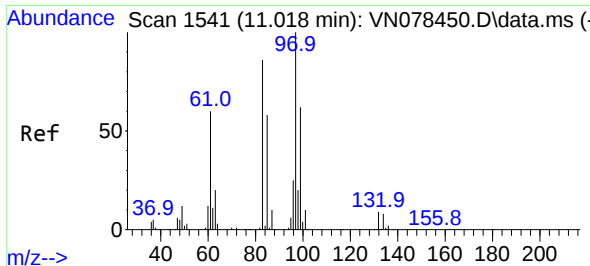


#54
cis-1,3-Dichloropropene
Concen: 53.170 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



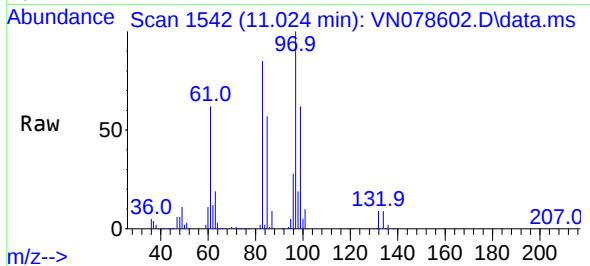
Tgt Ion: 75 Resp: 504983
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 45.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.631 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

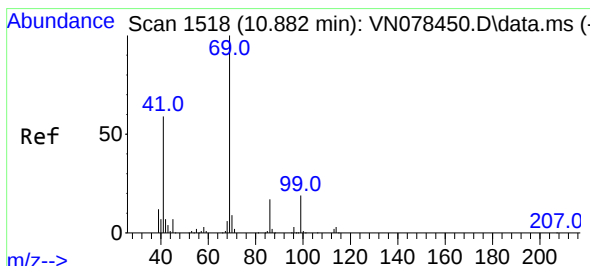
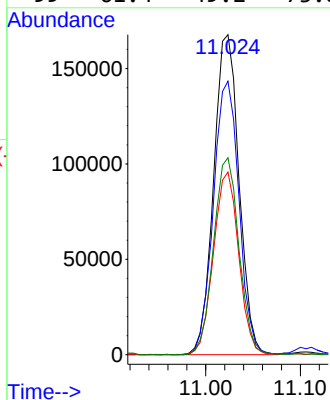
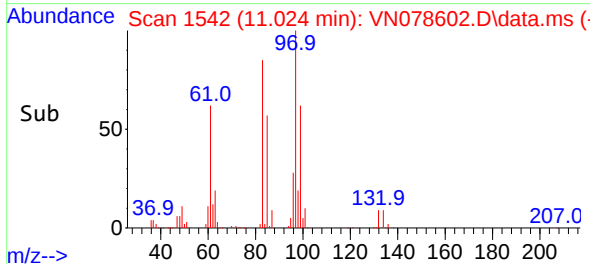
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



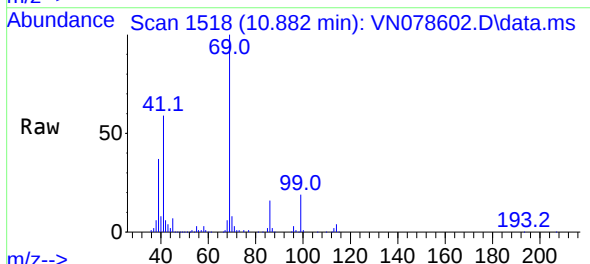
Tgt Ion: 97 Resp: 31280
Ion Ratio Lower Upper
97 100
83 85.5 65.1 97.7
85 57.1 43.4 65.2
99 61.4 49.2 73.8

Manual Integrations
APPROVED

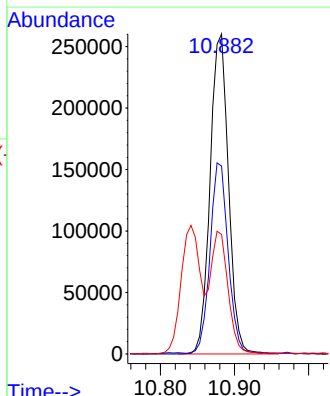
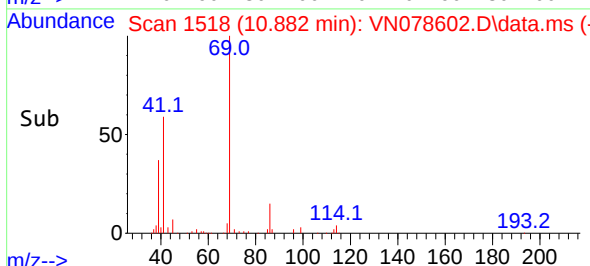
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

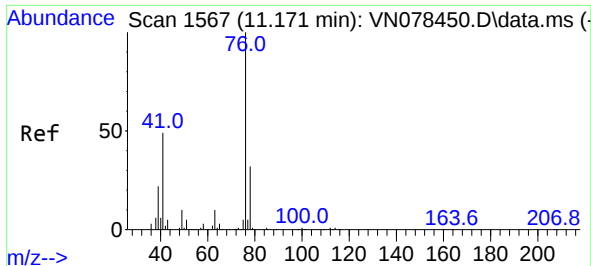


#56
Ethyl methacrylate
Concen: 53.945 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



Tgt Ion: 69 Resp: 448177
Ion Ratio Lower Upper
69 100
41 58.4 39.6 59.4
39 36.6 28.6 43.0





#57
1,3-Dichloropropane
Concen: 51.200 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

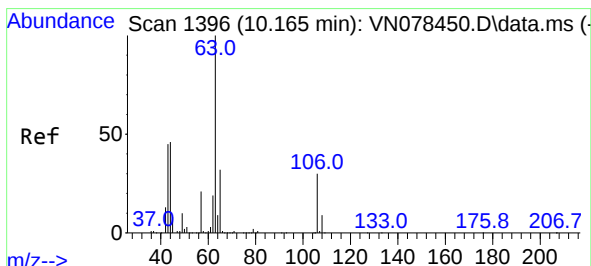
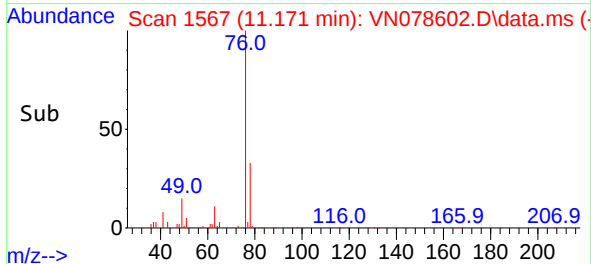
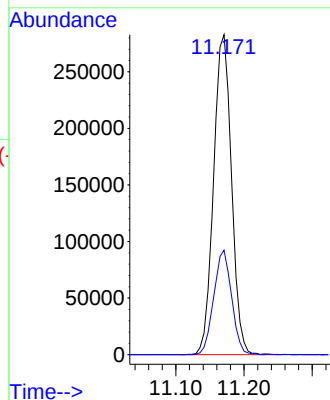
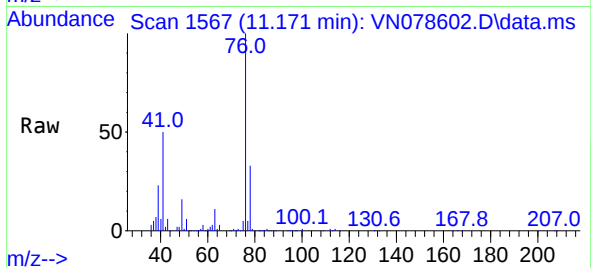
VSTDCCC050EC

Tgt Ion: 76 Resp: 51739
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations

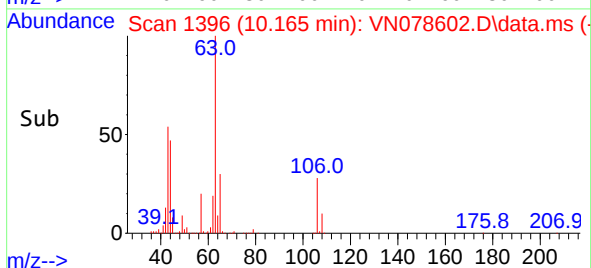
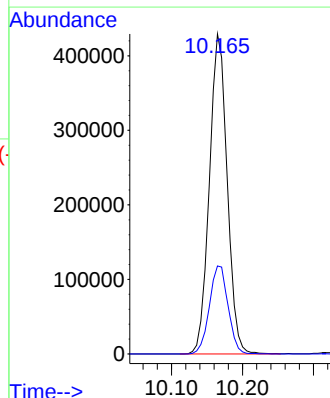
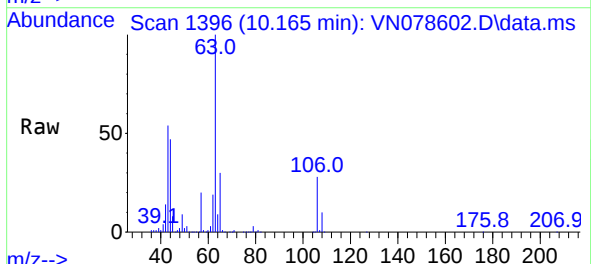
APPROVED

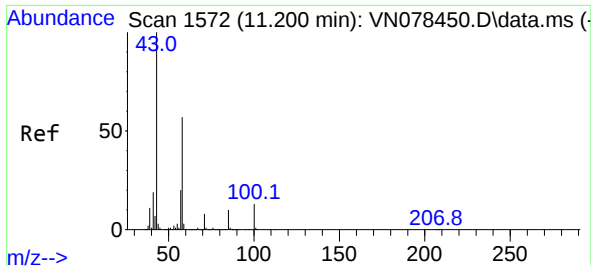
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 252.410 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

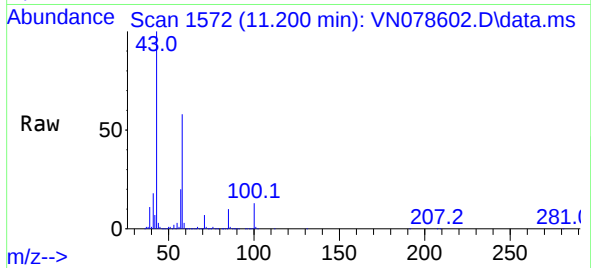
Tgt Ion: 63 Resp: 747331
Ion Ratio Lower Upper
63 100
106 28.8 26.2 39.4





#59
2-Hexanone
Concen: 267.979 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

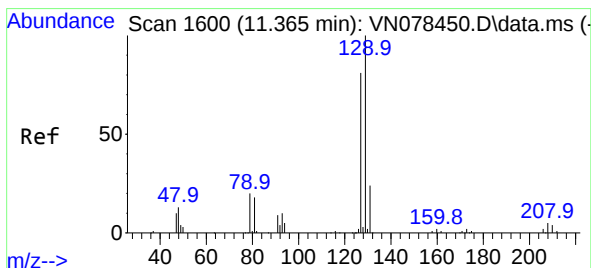
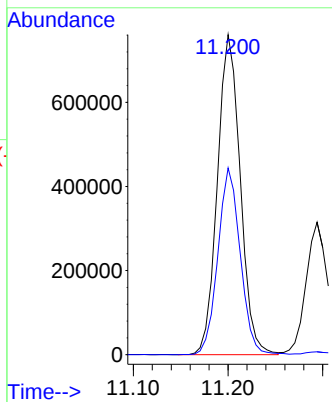
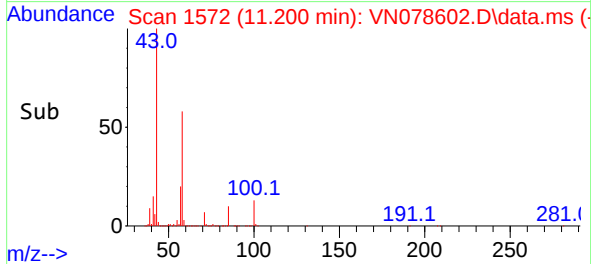
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1277329
Ion Ratio Lower Upper
43 100
58 57.1 31.7 95.1

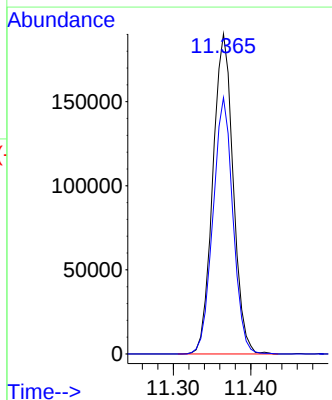
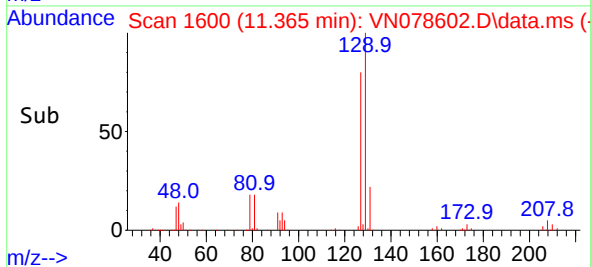
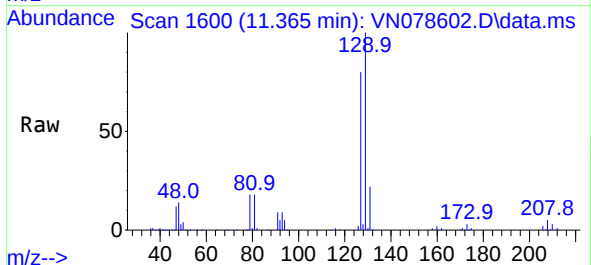
Manual Integrations
APPROVED

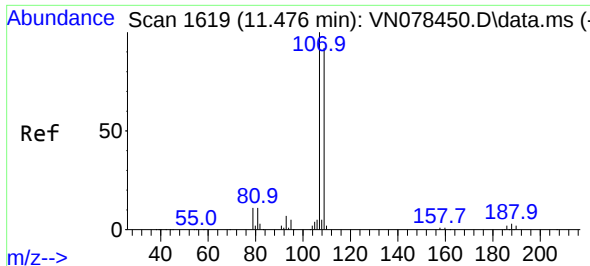
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 52.891 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

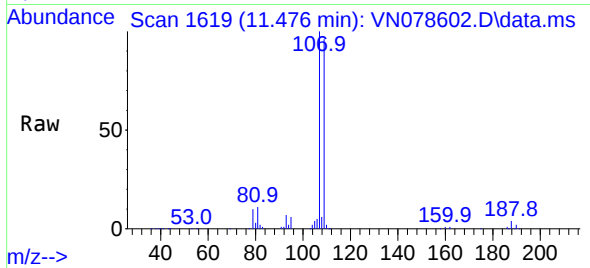
Tgt Ion:129 Resp: 347035
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.188 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

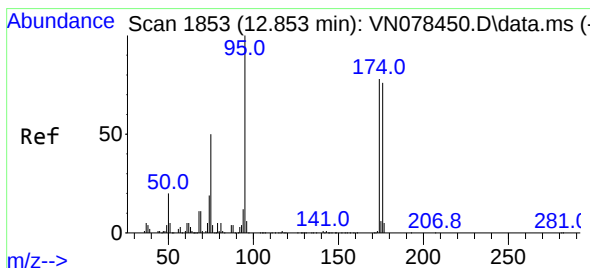
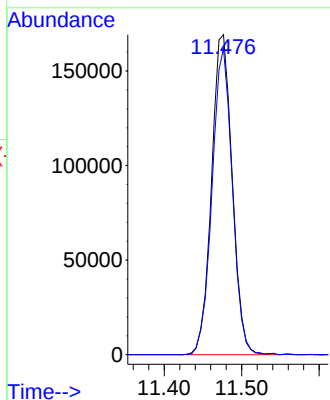
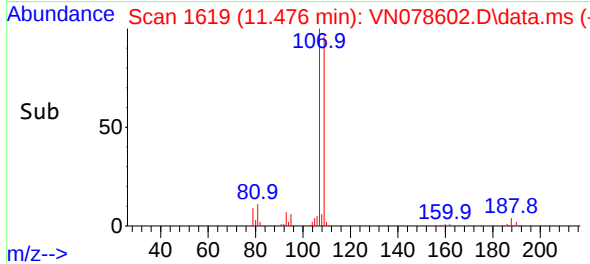
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



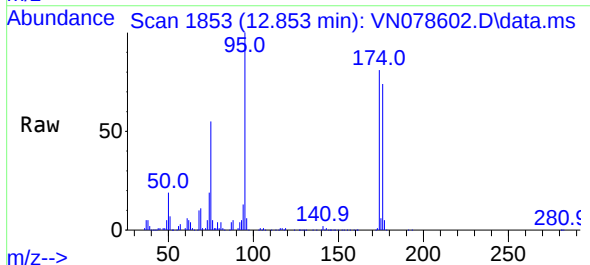
Tgt Ion:107 Resp: 31339
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

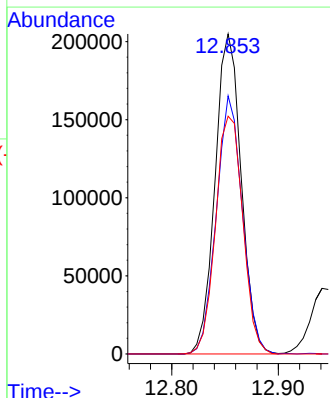
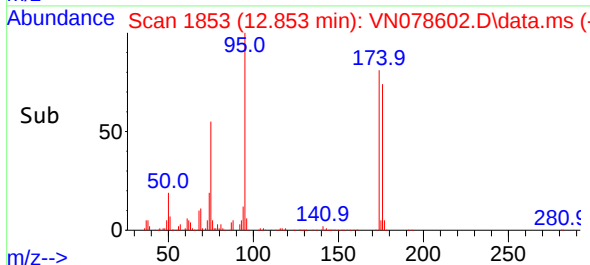
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

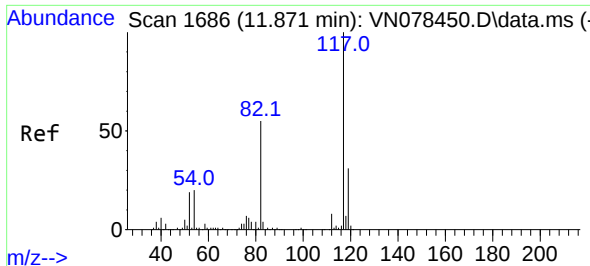


#62
4-Bromofluorobenzene
Concen: 52.699 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



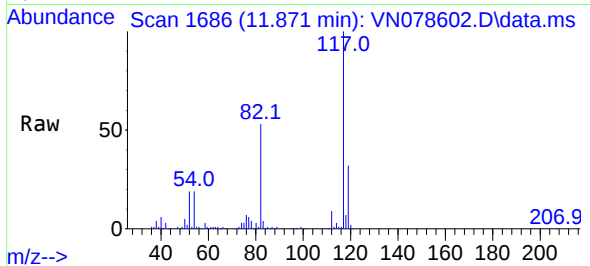
Tgt Ion: 95 Resp: 348899
Ion Ratio Lower Upper
95 100
174 80.4 0.0 143.8
176 77.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

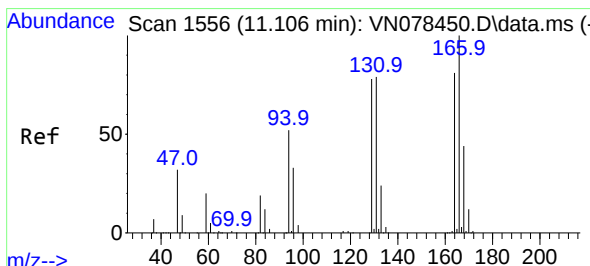
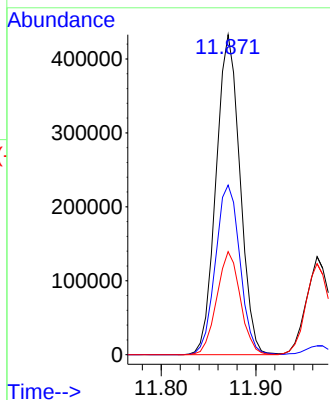
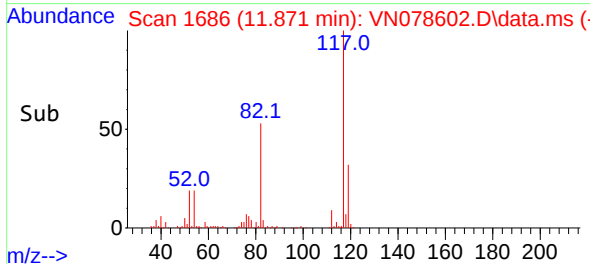
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



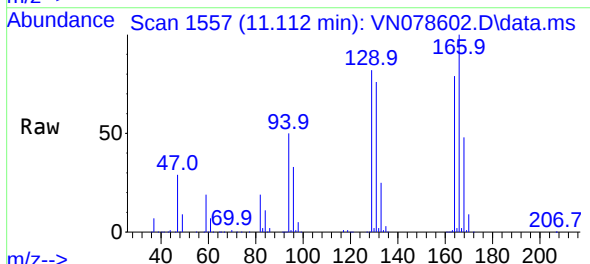
Tgt Ion:117 Resp: 761310
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 32.2 25.6 38.4

Manual Integrations
APPROVED

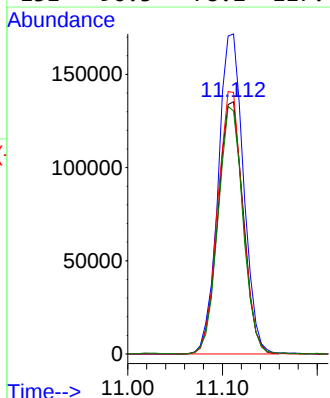
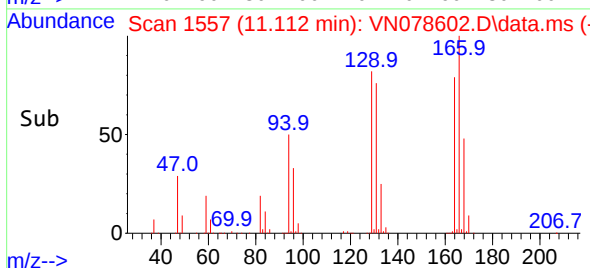
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

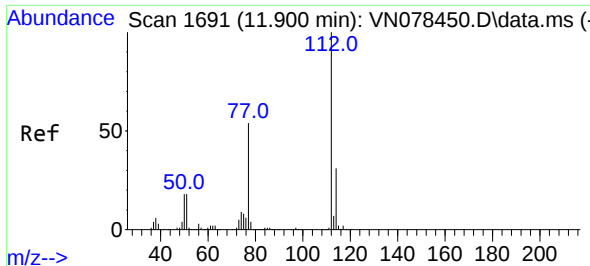


#64
Tetrachloroethene
Concen: 43.999 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



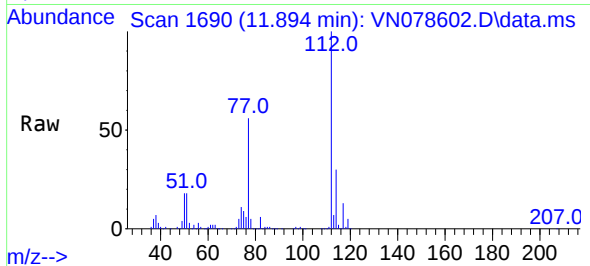
Tgt Ion:164 Resp: 251840
Ion Ratio Lower Upper
164 100
166 126.9 101.4 152.0
129 103.7 82.4 123.6
131 96.3 78.2 117.4





#65
Chlorobenzene
Concen: 48.496 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

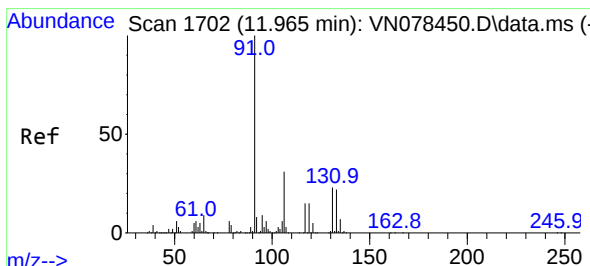
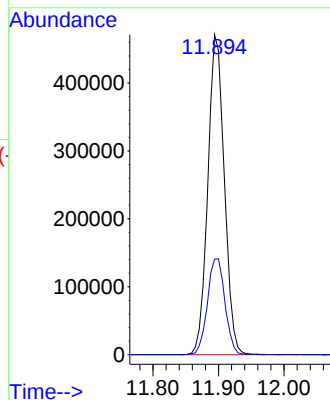
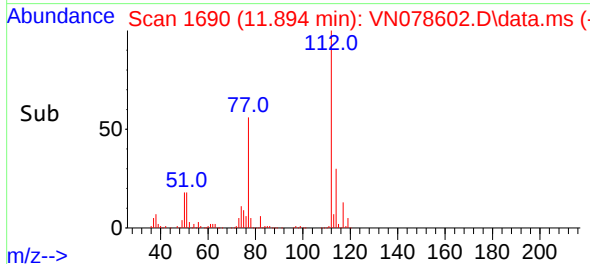
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



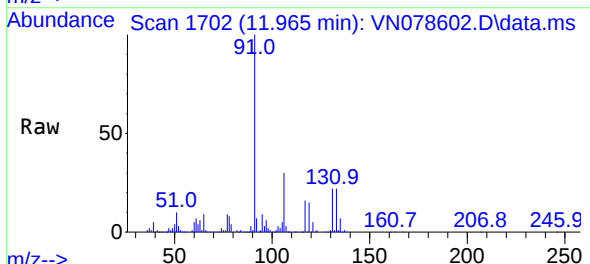
Tgt Ion:112 Resp: 82526
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4

Manual Integrations
APPROVED

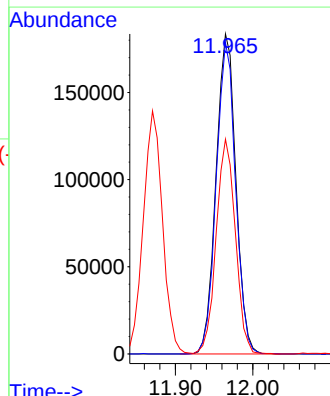
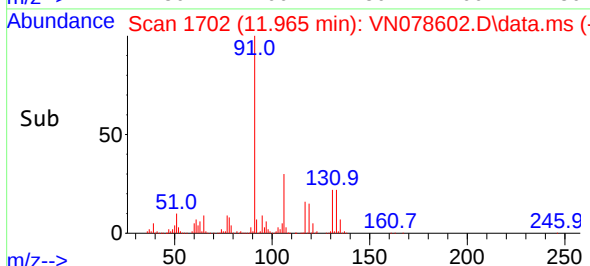
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

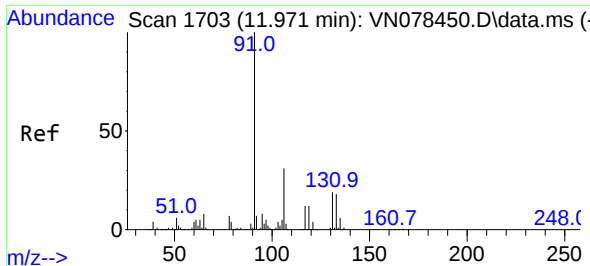


#66
1,1,1,2-Tetrachloroethane
Concen: 49.801 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



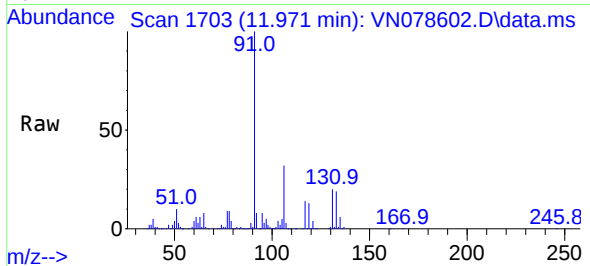
Tgt Ion:131 Resp: 326022
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 65.1 34.1 102.2





#67
Ethyl Benzene
Concen: 50.576 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

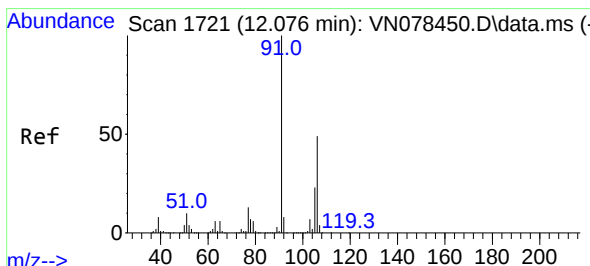
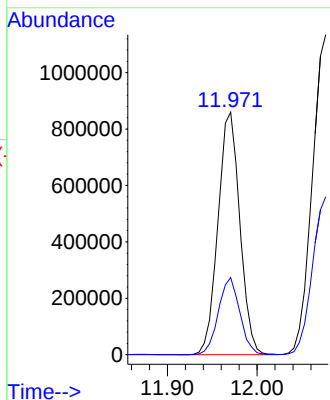
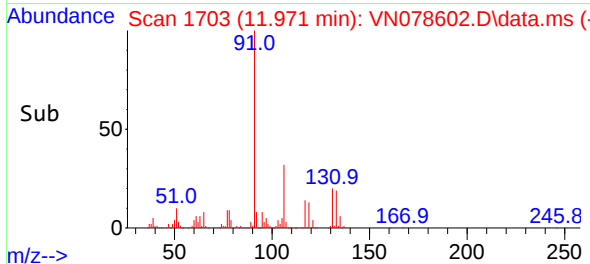
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



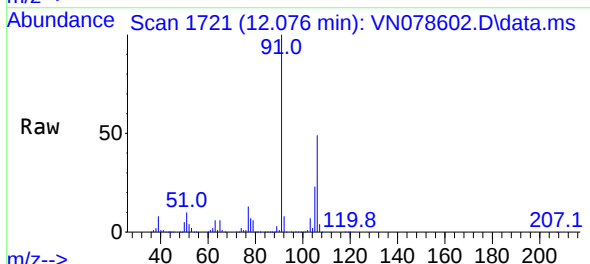
Tgt Ion: 91 Resp: 1454780
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

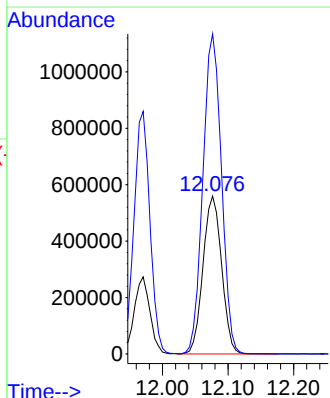
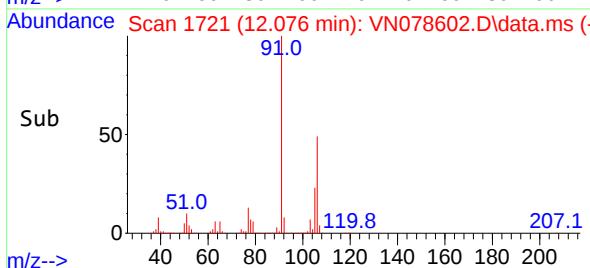
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

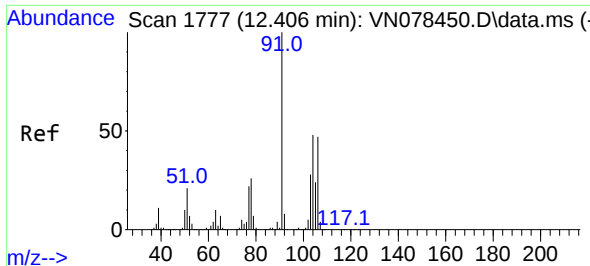


#68
m/p-Xylenes
Concen: 103.816 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



Tgt Ion:106 Resp: 1104098
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4





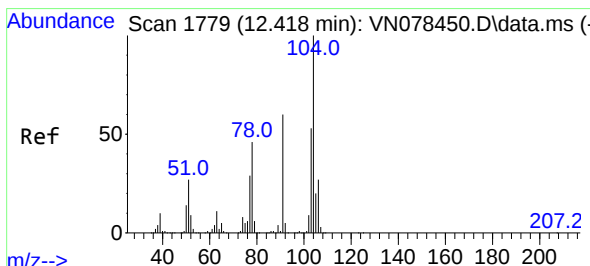
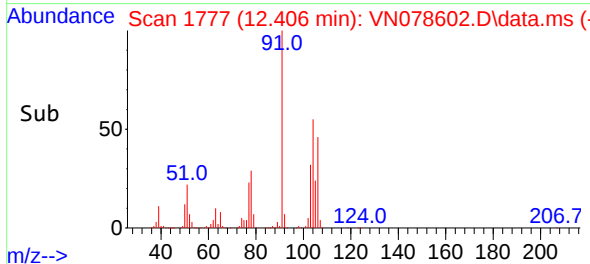
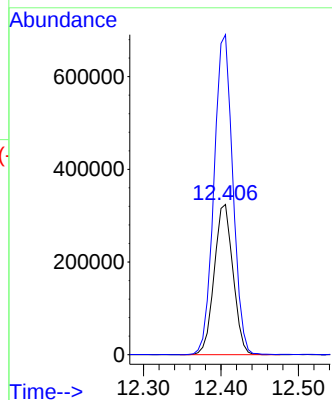
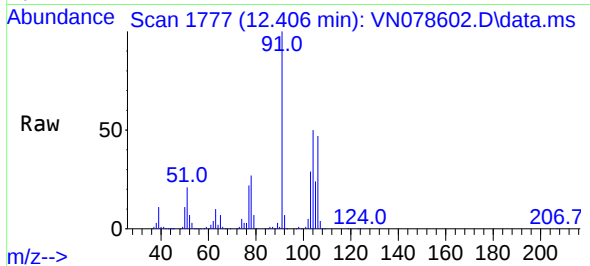
#69
o-Xylene
Concen: 50.694 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 544552
Ion Ratio Lower Upper
106 100
91 213.7 105.2 315.5

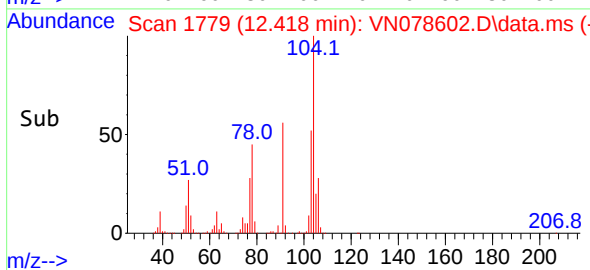
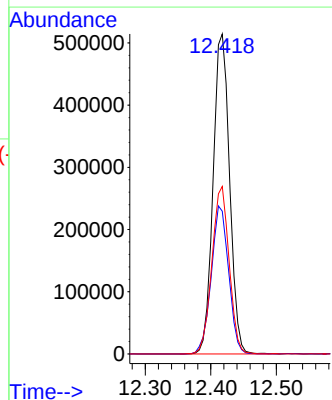
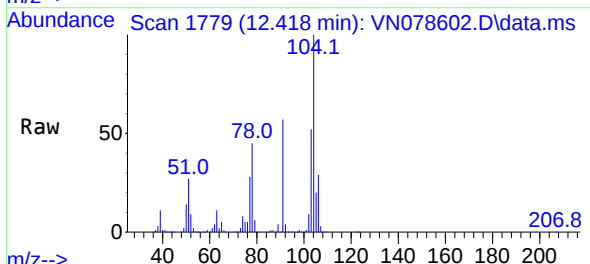
Manual Integrations
APPROVED

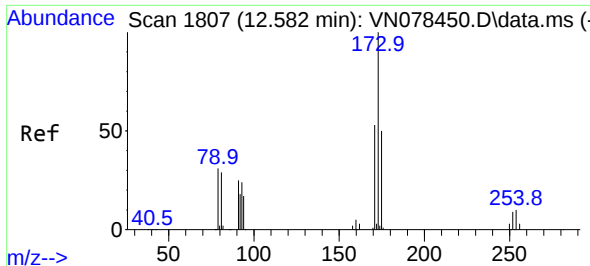
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#70
Styrene
Concen: 53.355 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

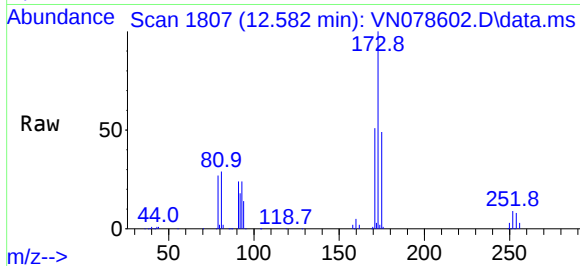
Tgt Ion:104 Resp: 896651
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 54.8 43.2 64.8





#71
Bromoform
Concen: 51.671 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

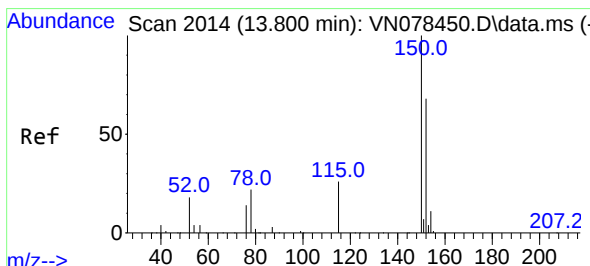
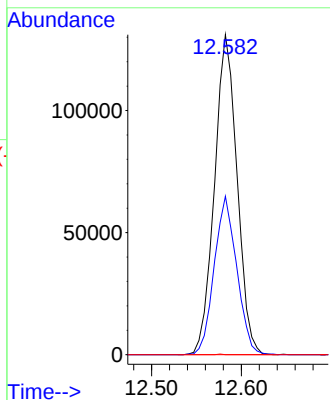
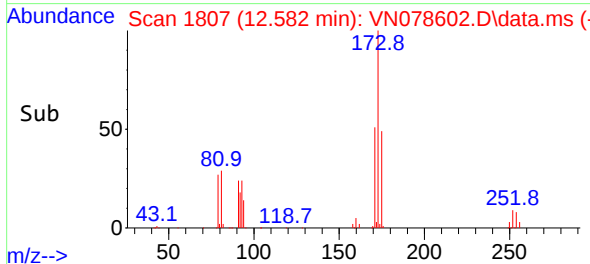
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



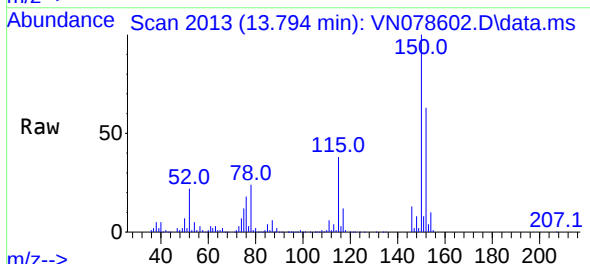
Tgt Ion:173 Resp: 229088
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

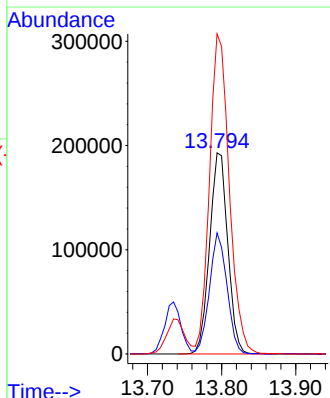
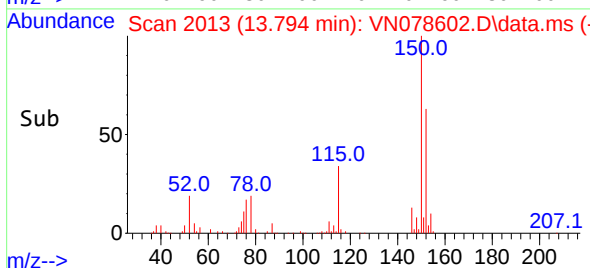
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

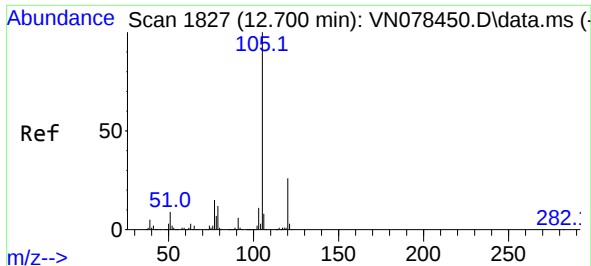


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



Tgt Ion:152 Resp: 328655
Ion Ratio Lower Upper
152 100
115 57.9 32.3 96.8
150 172.3 0.0 355.8





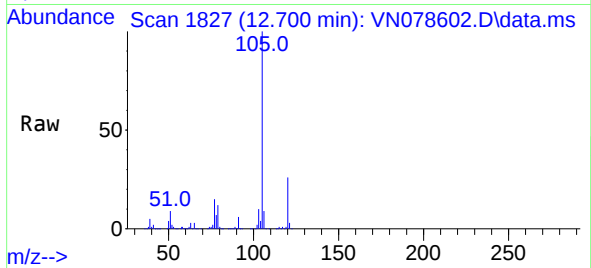
#73
Isopropylbenzene
Concen: 44.164 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



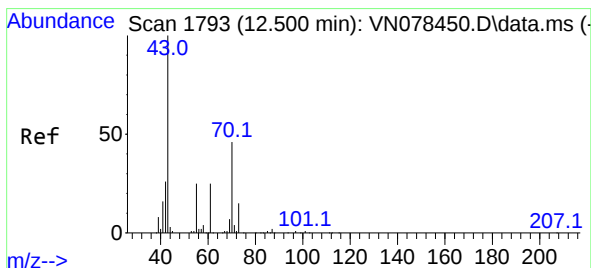
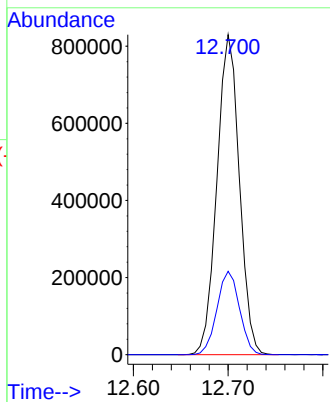
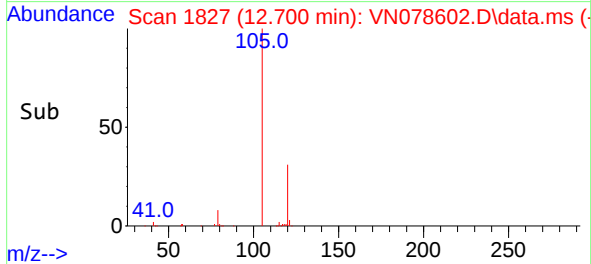
Tgt Ion:105 Resp: 136387
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations

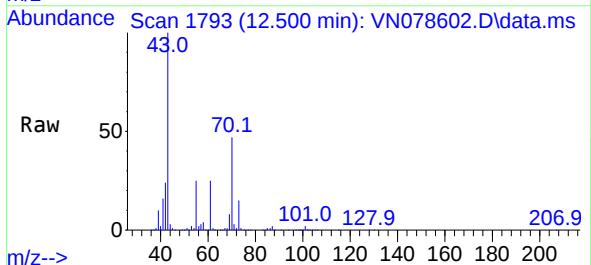
APPROVED

Reviewed By :John Carlone 07/21/2023

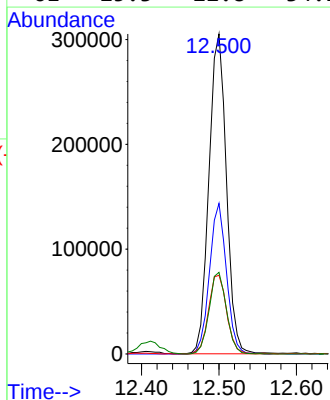
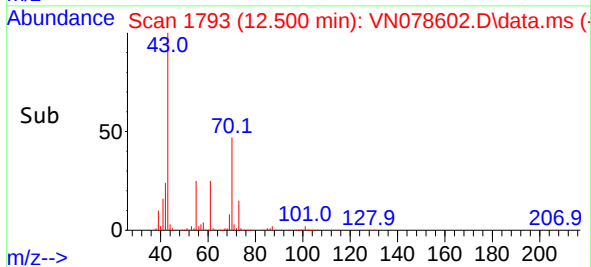
Supervised By :Mahesh Dadoda 07/21/2023

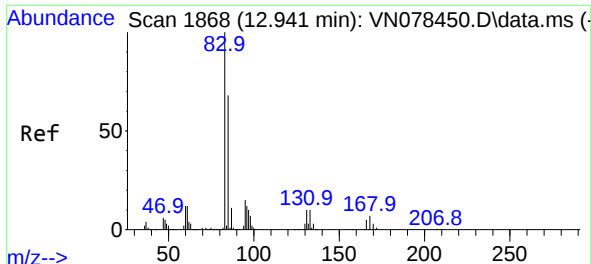


#74
N-ethyl acetate
Concen: 44.844 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



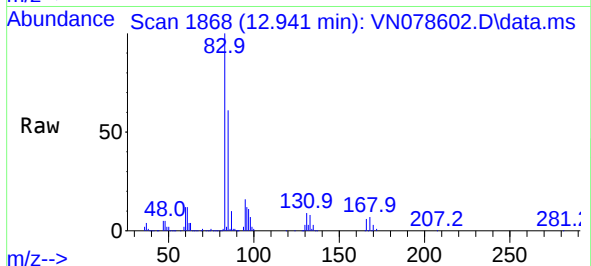
Tgt Ion: 43 Resp: 477254
Ion Ratio Lower Upper
43 100
70 45.9 43.4 65.2
55 25.5 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.765 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

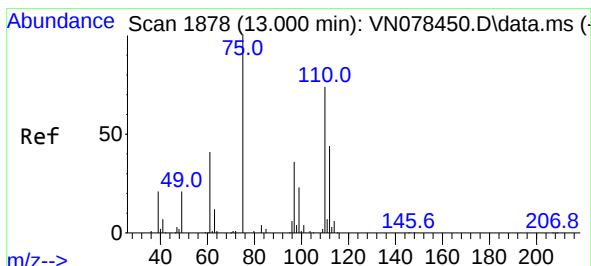
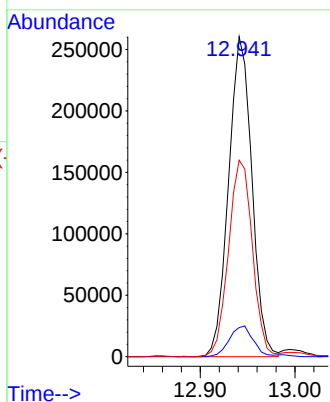
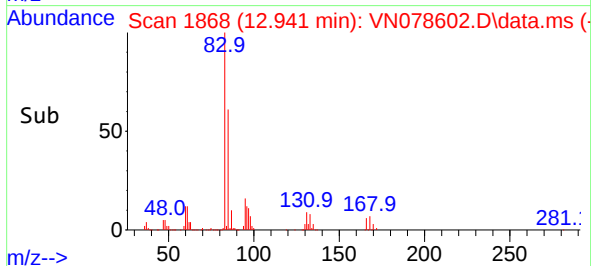
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



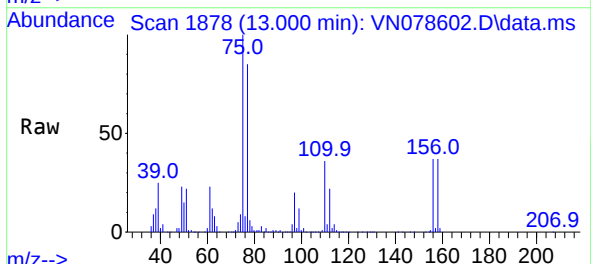
Tgt Ion: 83 Resp: 44555
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 62.9 31.9 95.7

Manual Integrations
APPROVED

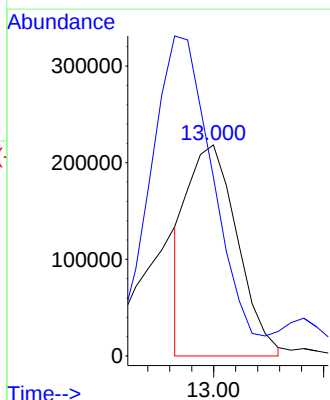
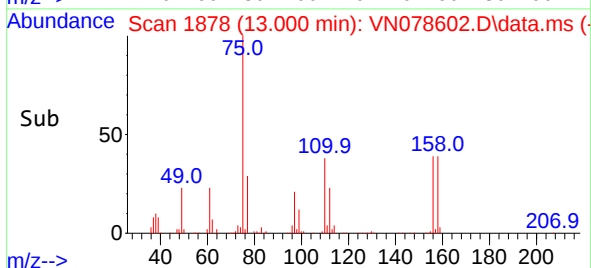
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

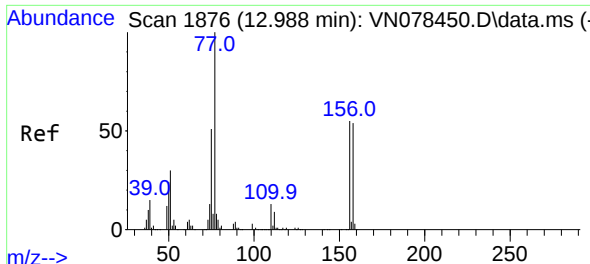


#76
1,2,3-Trichloropropane
Concen: 43.340 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



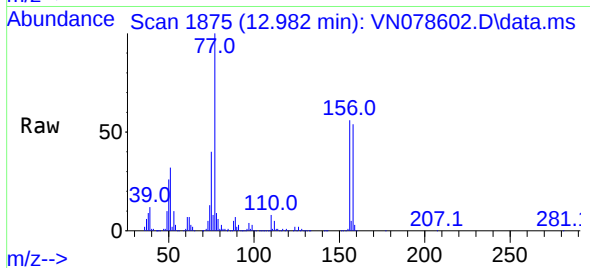
Tgt Ion: 75 Resp: 344293
Ion Ratio Lower Upper
75 100
77 194.8 84.5 253.5





#77
Bromobenzene
Concen: 48.122 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

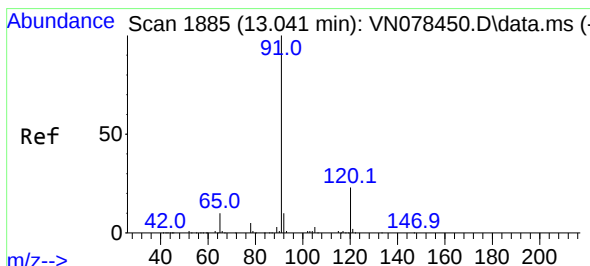
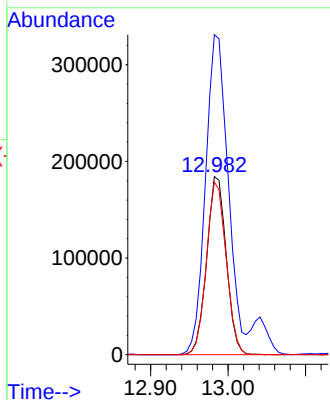
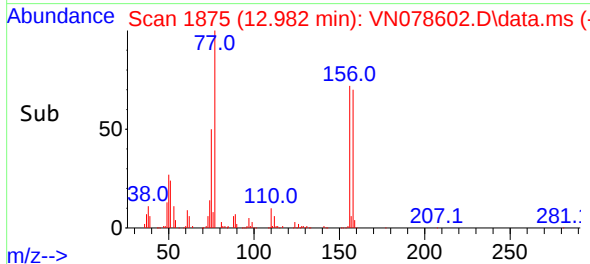
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



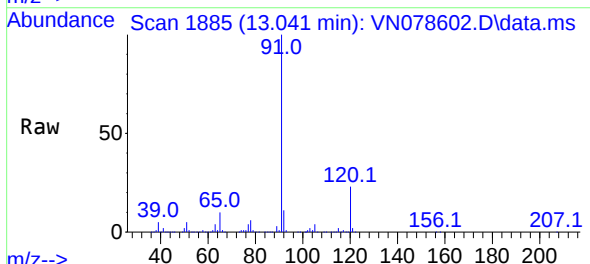
Tgt Ion:156 Resp: 32356
Ion Ratio Lower Upper
156 100
77 207.3 107.7 323.3
158 97.5 48.4 145.3

Manual Integrations
APPROVED

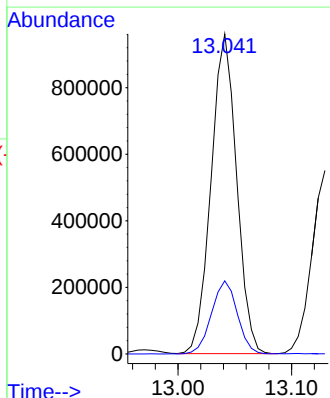
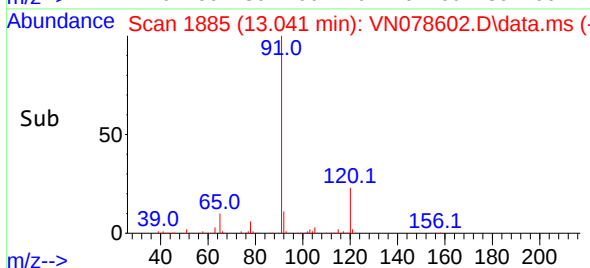
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

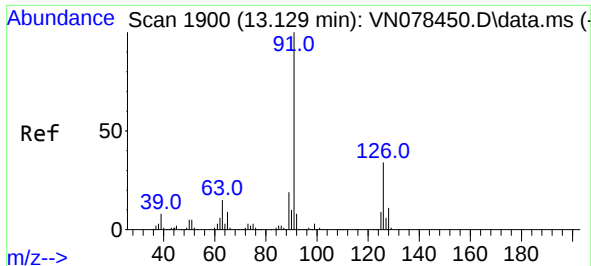


#78
n-propylbenzene
Concen: 45.369 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



Tgt Ion: 91 Resp: 1498359
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 43.296 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078602.D

Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 93661

Ion Ratio Lower Upper

91 100

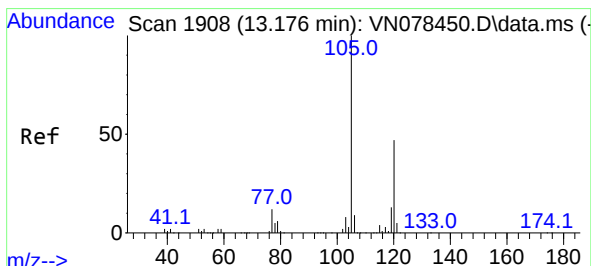
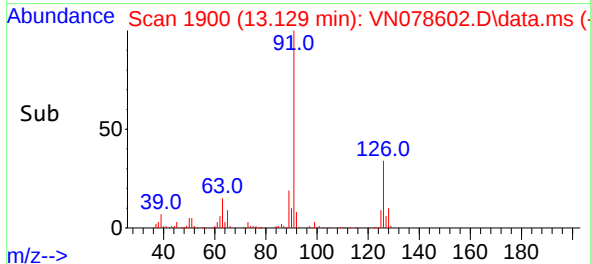
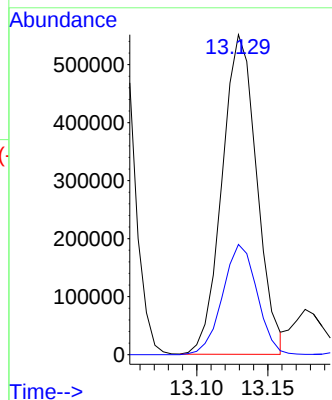
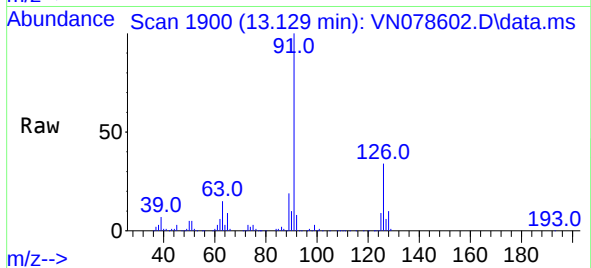
126 34.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#80

1,3,5-Trimethylbenzene

Concen: 45.207 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078602.D

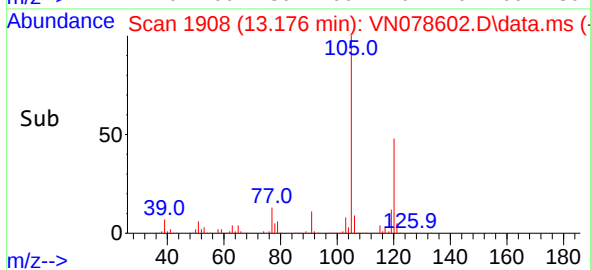
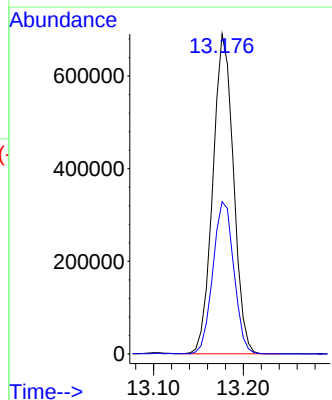
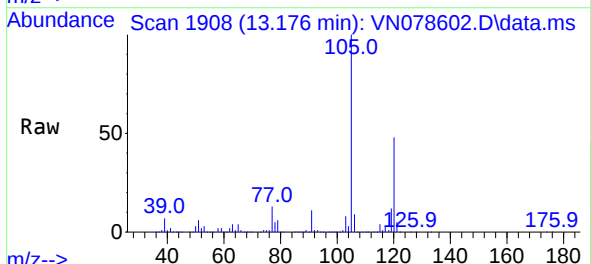
Acq: 20 Jul 2023 18:46

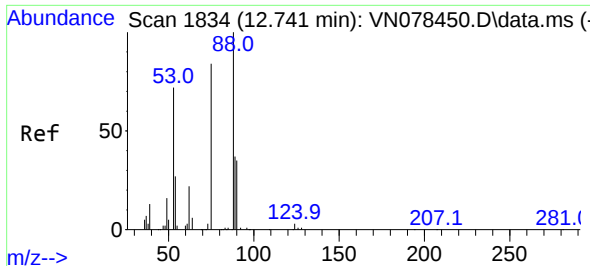
Tgt Ion:105 Resp: 1103070

Ion Ratio Lower Upper

105 100

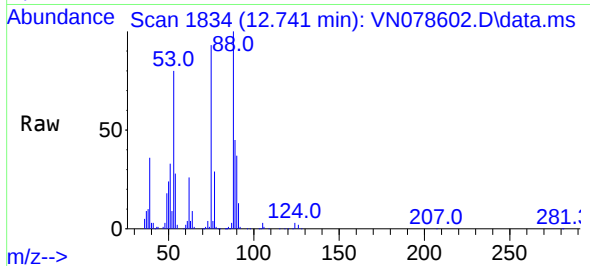
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.747 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

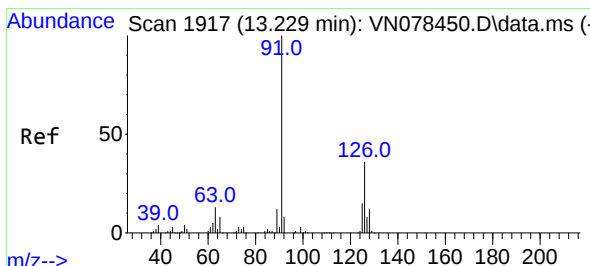
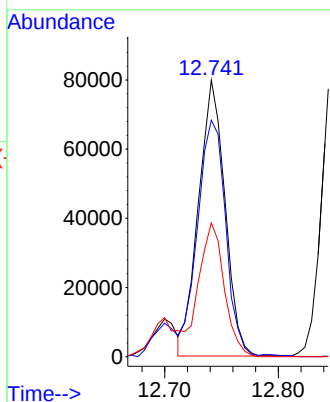
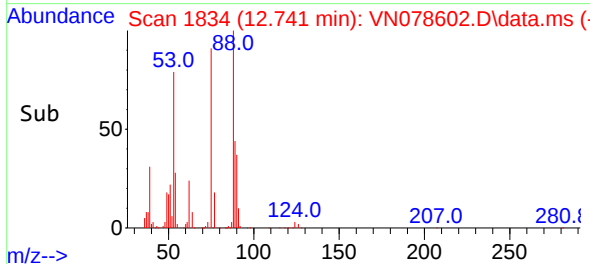
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 129225
Ion Ratio Lower Upper
75 100
53 91.7 67.4 101.2
89 45.9 38.8 58.2

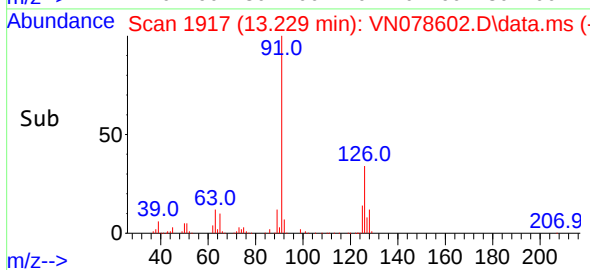
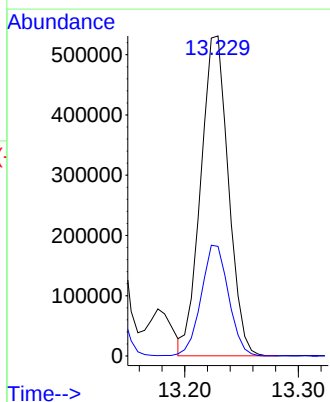
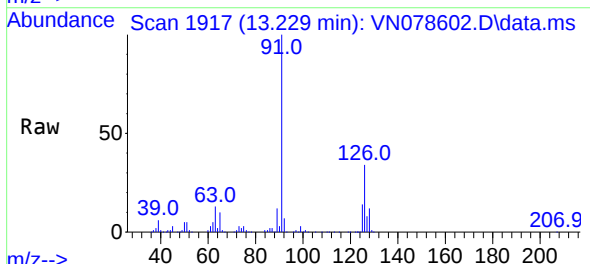
Manual Integrations
APPROVED

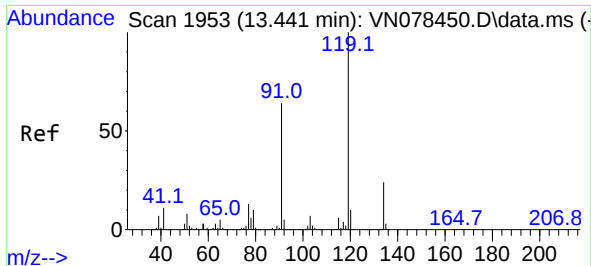
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#82
4-Chlorotoluene
Concen: 44.567 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

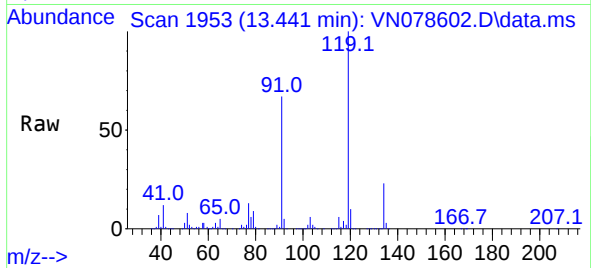
Tgt Ion: 91 Resp: 899384
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.177 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

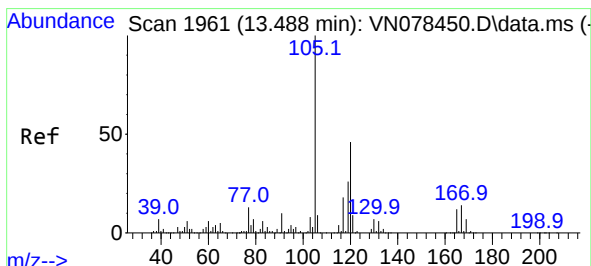
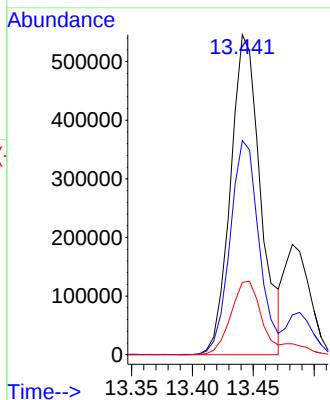
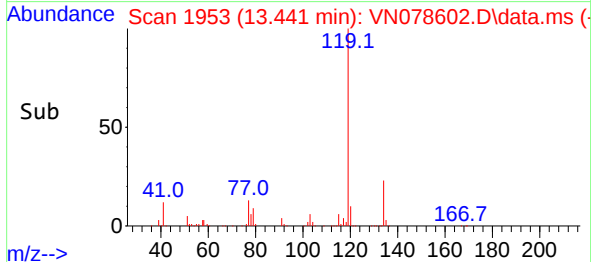
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



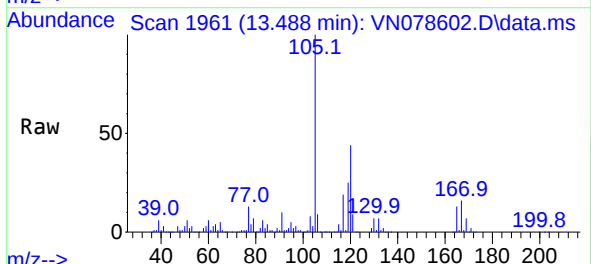
Tgt Ion:119 Resp: 935900
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.9 13.2 39.6

Manual Integrations
APPROVED

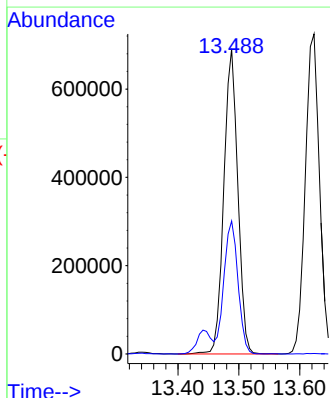
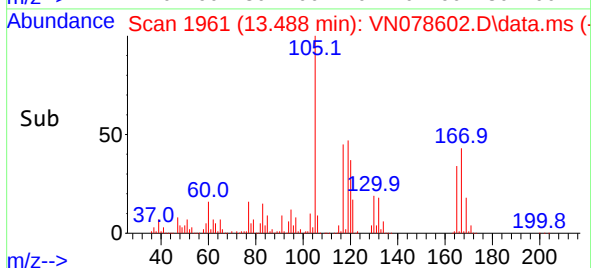
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

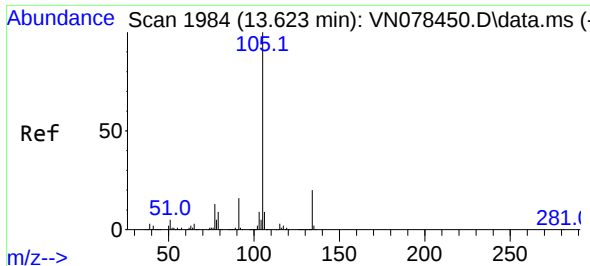


#84
1,2,4-Trimethylbenzene
Concen: 46.492 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



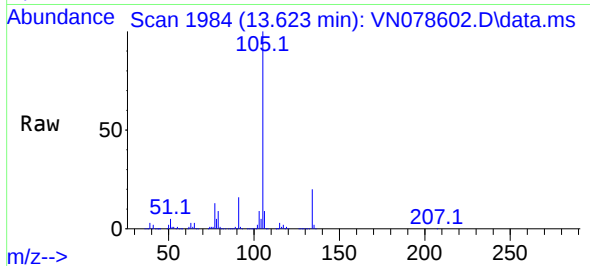
Tgt Ion:105 Resp: 1101898
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
sec-Butylbenzene
Concen: 44.716 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

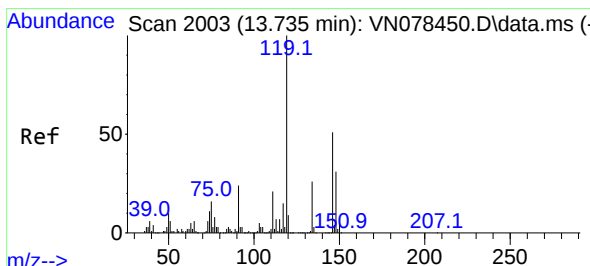
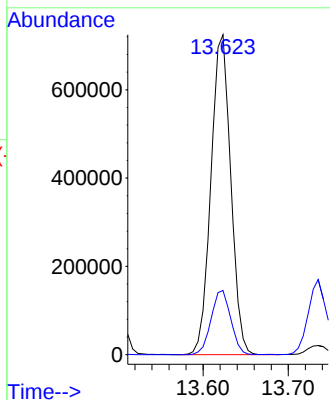
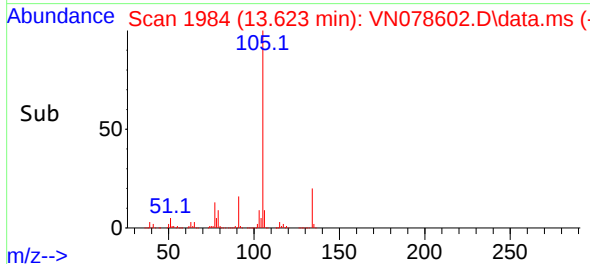
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



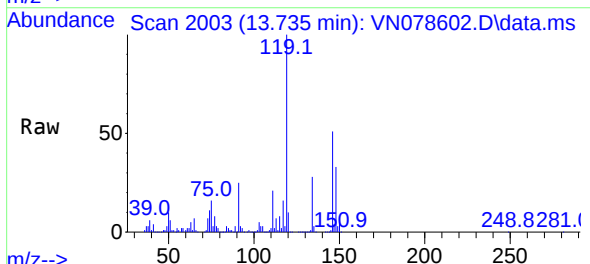
Tgt Ion:105 Resp: 1170894
Ion Ratio Lower Upper
105 100
134 20.0 9.8 29.3

Manual Integrations
APPROVED

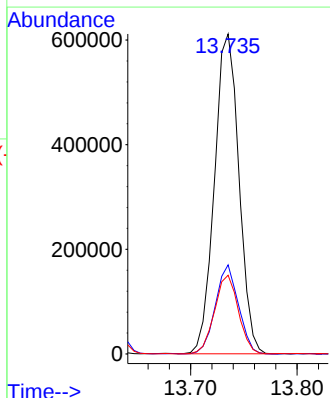
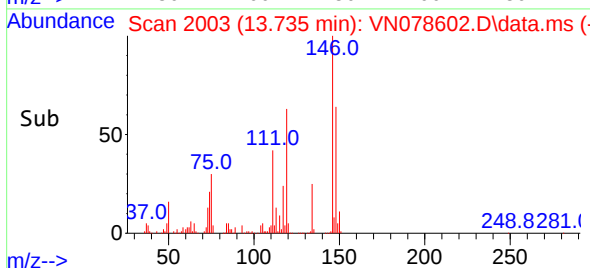
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

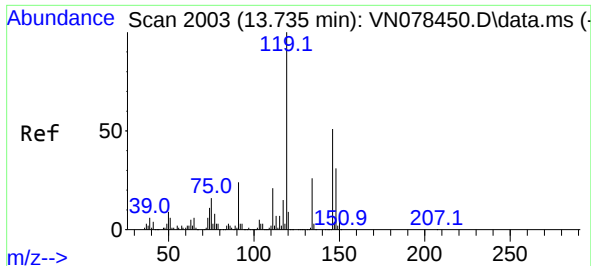


#86
p-Isopropyltoluene
Concen: 46.346 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



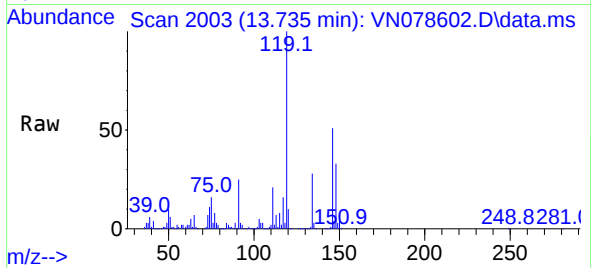
Tgt Ion:119 Resp: 974451
Ion Ratio Lower Upper
119 100
134 26.3 12.6 37.8
91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 45.187 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

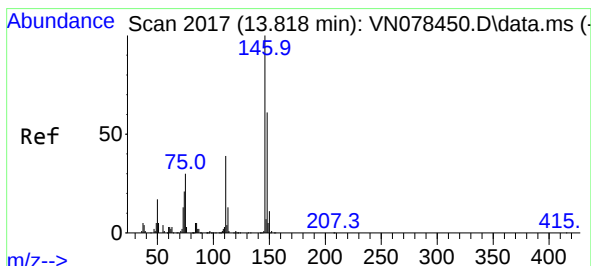
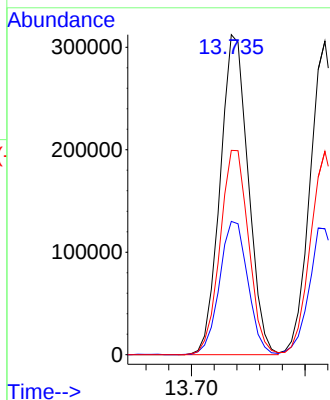
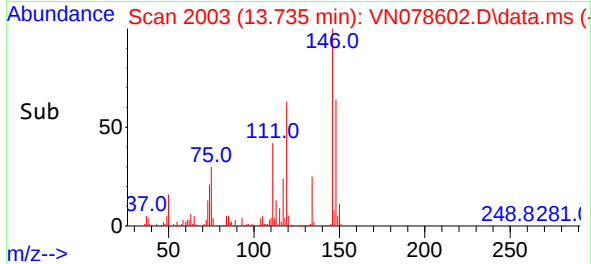
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 535712
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 65.0 32.0 96.0

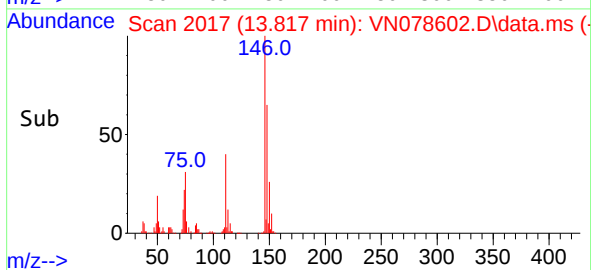
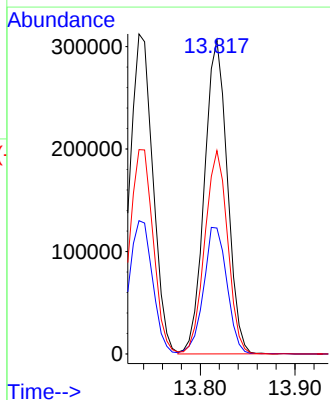
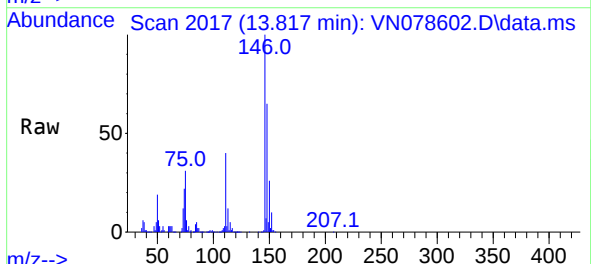
Manual Integrations
APPROVED

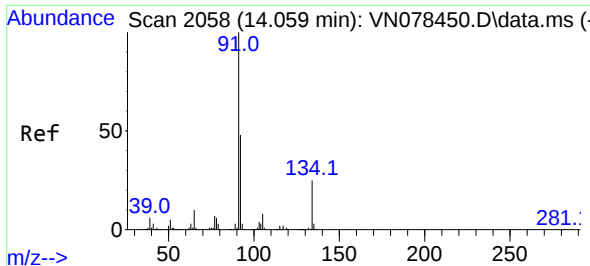
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#88
1,4-Dichlorobenzene
Concen: 43.195 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Tgt Ion:146 Resp: 515808
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 64.8 31.6 94.8





#89
n-Butylbenzene
Concen: 49.060 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

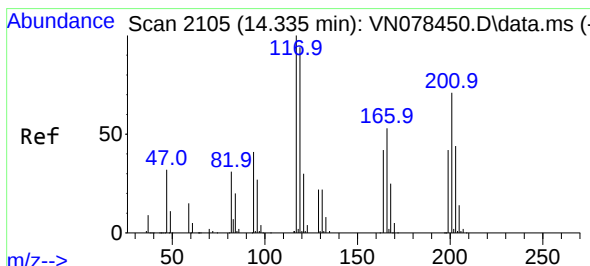
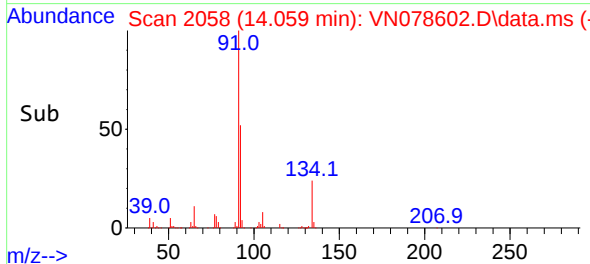
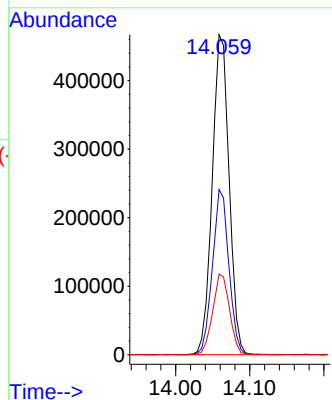
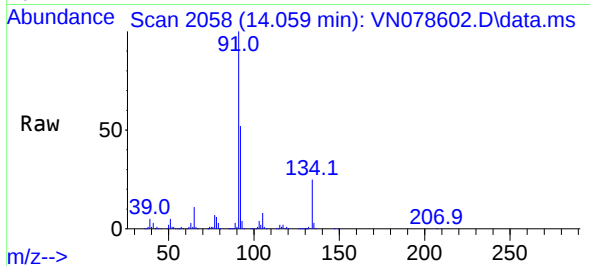
VSTDCCC050EC

Tgt Ion: 91 Resp: 73806
Ion Ratio Lower Upper
91 100
92 50.2 26.4 79.0
134 25.1 12.6 37.6

Manual Integrations

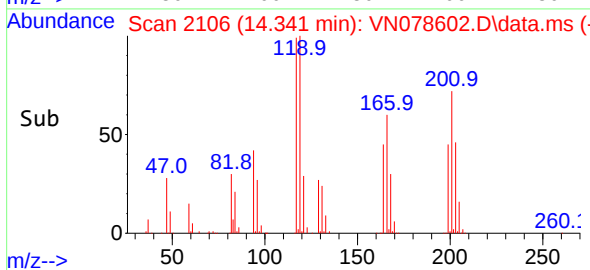
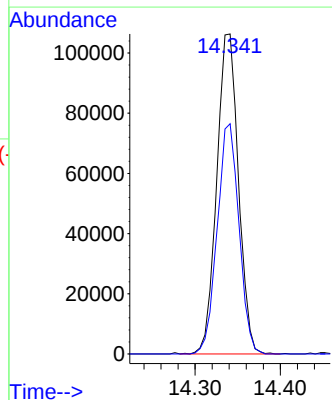
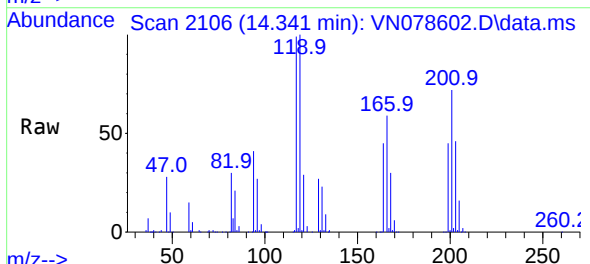
APPROVED

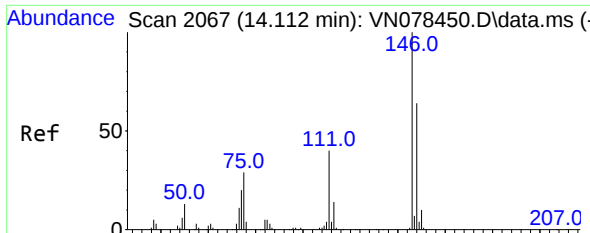
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#90
Hexachloroethane
Concen: 48.632 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

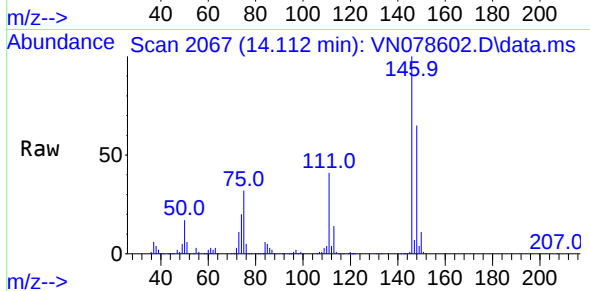
Tgt Ion:117 Resp: 188024
Ion Ratio Lower Upper
117 100
201 72.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 45.149 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

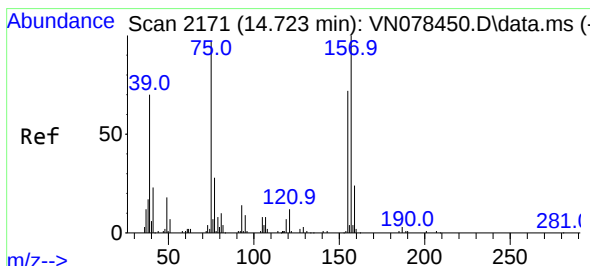
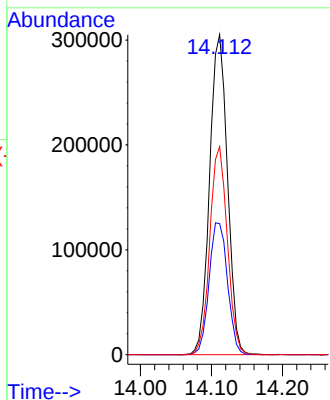
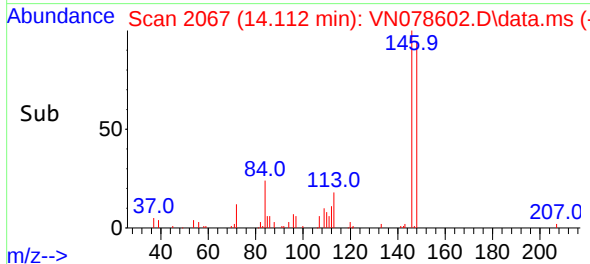
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



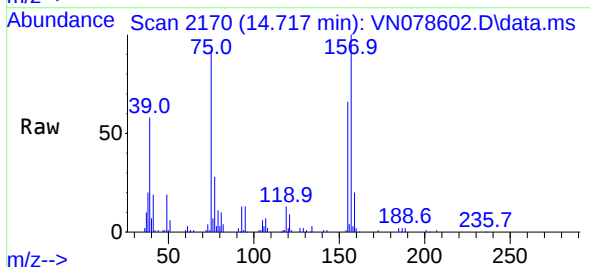
Tgt Ion:146 Resp: 53268
Ion Ratio Lower Upper
146 100
111 42.5 22.0 66.0
148 63.8 31.8 95.3

Manual Integrations
APPROVED

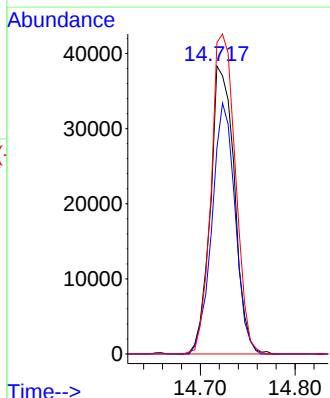
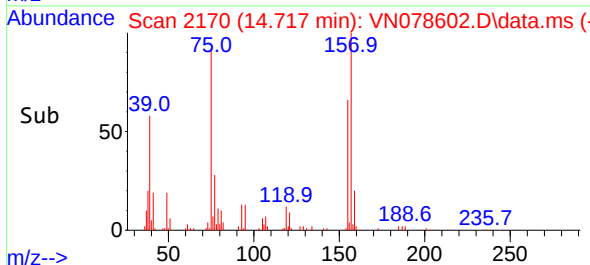
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

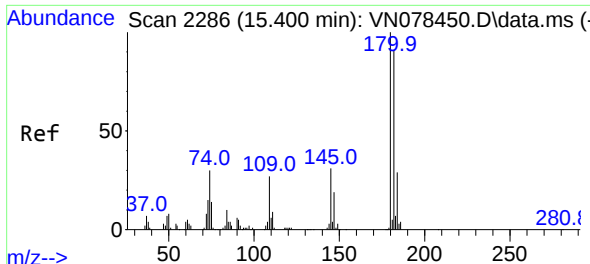


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.553 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



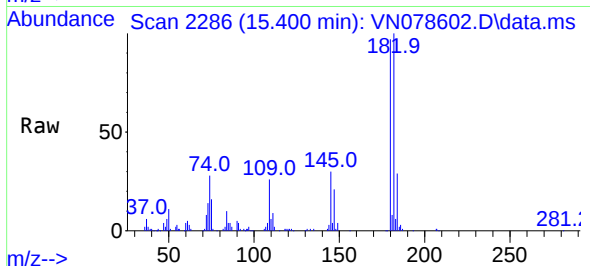
Tgt Ion: 75 Resp: 67599
Ion Ratio Lower Upper
75 100
155 83.9 39.1 117.2
157 112.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 44.441 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

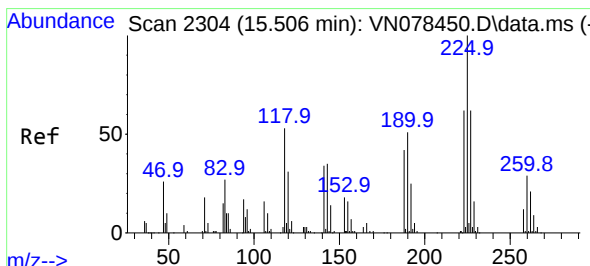
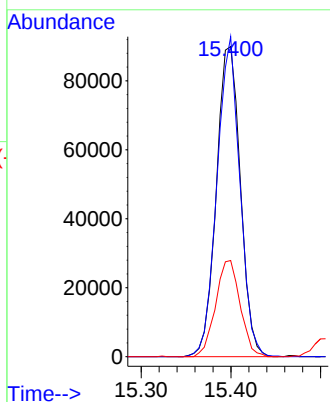
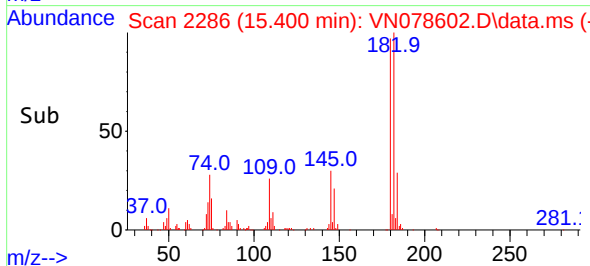
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



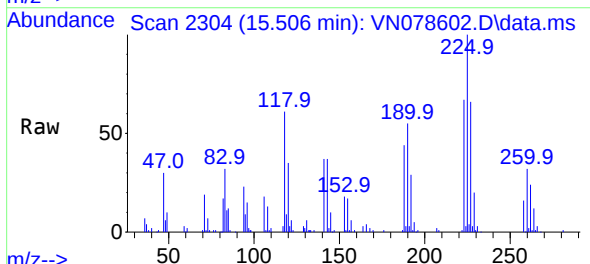
Tgt Ion:180 Resp: 167339
Ion Ratio Lower Upper
180 100
182 97.9 46.1 138.2
145 31.7 16.6 49.8

Manual Integrations
APPROVED

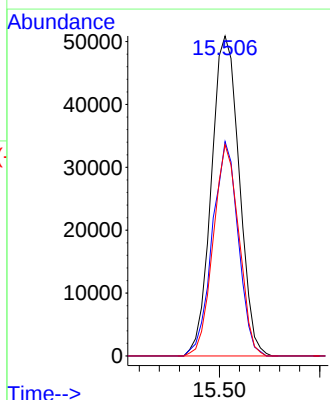
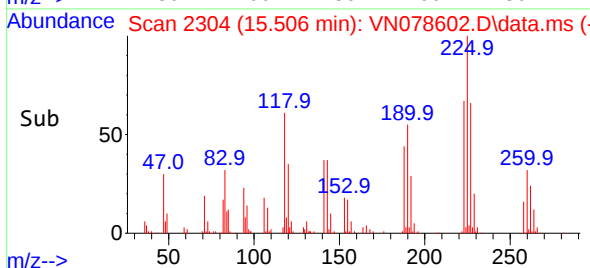
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

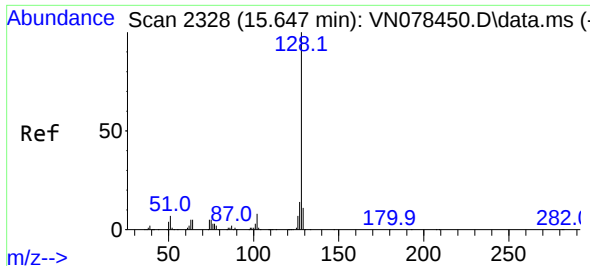


#94
Hexachlorobutadiene
Concen: 50.291 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



Tgt Ion:225 Resp: 97917
Ion Ratio Lower Upper
225 100
223 62.3 31.3 93.8
227 60.9 31.9 95.9





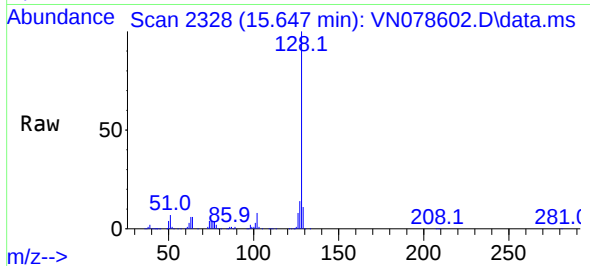
#95
Naphthalene
Concen: 39.771 ug/l
RT: 15.647 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



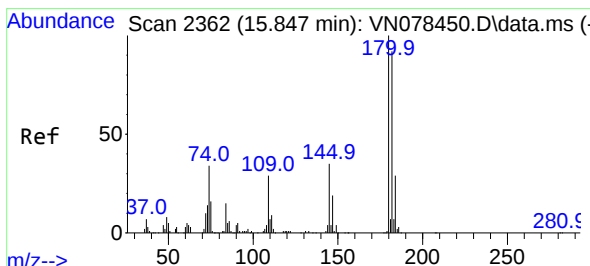
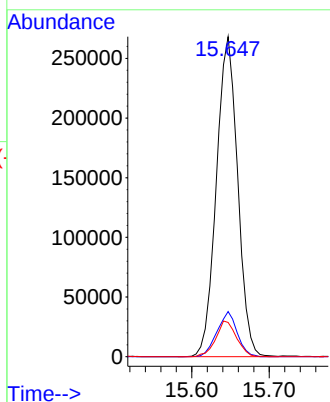
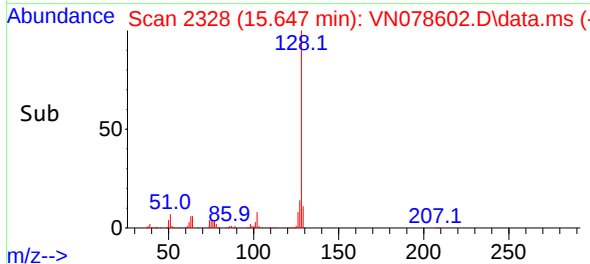
Tgt Ion:128 Resp: 51195
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations

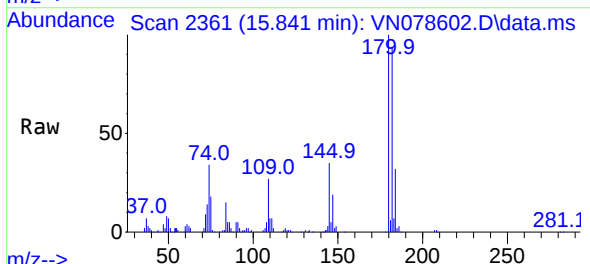
APPROVED

Reviewed By :John Carlone 07/21/2023

Supervised By :Mahesh Dadoda 07/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 43.218 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078602.D
Acq: 20 Jul 2023 18:46



Tgt Ion:180 Resp: 187121
Ion Ratio Lower Upper
180 100
182 95.2 46.2 138.6
145 35.0 17.5 52.6

