

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078584.D
 Acq On : 20 Jul 2023 10:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 06:07:16 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	8.235	168	467743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	798550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	707659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	297242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	322692	51.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.920%			
35) Dibromofluoromethane	8.171	113	295439	54.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.000%			
50) Toluene-d8	10.571	98	1077520	52.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.853	95	343393	54.440	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	250126	43.616	ug/l	97
3) Chloromethane	2.371	50	287687	46.154	ug/l	97
4) Vinyl Chloride	2.524	62	441422	54.745	ug/l	99
5) Bromomethane	2.953	94	251179	49.167	ug/l	95
6) Chloroethane	3.124	64	238224	48.794	ug/l	98
7) Trichlorofluoromethane	3.500	101	562327	58.340	ug/l	98
8) Diethyl Ether	3.971	74	155188	48.325	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	252120	49.413	ug/l	97
10) Methyl Iodide	4.600	142	340080	48.504	ug/l	98
11) Tert butyl alcohol	5.536	59	214467	221.799	ug/l	99
12) 1,1-Dichloroethene	4.353	96	242189	49.071	ug/l	95
13) Acrolein	4.189	56	219614	230.846	ug/l	94
14) Allyl chloride	5.030	41	311567	46.198	ug/l	93
15) Acrylonitrile	5.730	53	592754	242.624	ug/l	100
16) Acetone	4.436	43	480076	245.778	ug/l	97
17) Carbon Disulfide	4.724	76	585215	41.005	ug/l	97
18) Methyl Acetate	5.030	43	401530	48.560	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	814905	50.112	ug/l	94
20) Methylene Chloride	5.289	84	289222	51.662	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	261092	46.944	ug/l #	82
22) Diisopropyl ether	6.683	45	812175	53.783	ug/l #	94
23) Vinyl Acetate	6.612	43	2439211	254.077	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	504831	49.612	ug/l	97
25) 2-Butanone	7.488	43	745060	242.316	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	434756	52.238	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	324377	50.416	ug/l	93
28) Bromochloromethane	7.818	49	223115	46.553	ug/l	93
29) Tetrahydrofuran	7.847	42	477797	236.821	ug/l	85
30) Chloroform	7.977	83	551887	52.095	ug/l	94
31) Cyclohexane	8.265	56	385169	45.451	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	493634	51.972	ug/l	97
36) 1,1-Dichloropropene	8.377	75	397606	50.798	ug/l	97
37) Ethyl Acetate	7.571	43	317328	48.634	ug/l #	93
38) Carbon Tetrachloride	8.371	117	433983	51.016	ug/l	99
39) Methylcyclohexane	9.606	83	369856	51.767	ug/l	93
40) Benzene	8.612	78	1183508	51.038	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	164263	49.383	ug/l	93
42) 1,2-Dichloroethane	8.677	62	395727	50.173	ug/l	100
43) Isopropyl Acetate	8.694	43	547629	50.978	ug/l	95
44) Trichloroethene	9.359	130	311009	49.763	ug/l	98
45) 1,2-Dichloropropane	9.624	63	304898	51.915	ug/l	96
46) Dibromomethane	9.712	93	213772	51.715	ug/l	94
47) Bromodichloromethane	9.894	83	444480	53.641	ug/l	99
48) Methyl methacrylate	9.688	41	253589	50.954	ug/l	90
49) 1,4-Dioxane	9.700	88	99731	918.883	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	1630736	255.214	ug/l	93
52) Toluene	10.635	92	751305	52.277	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	455943	53.711	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	489414	54.087	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	296823	52.420	ug/l	99
56) Ethyl methacrylate	10.876	69	426798	53.920	ug/l	93
57) 1,3-Dichloropropane	11.171	76	489521	50.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	740836	262.630	ug/l	92
59) 2-Hexanone	11.200	43	1141438	251.351	ug/l	91
60) Dibromochloromethane	11.365	129	339978	54.386	ug/l	99
61) 1,2-Dibromoethane	11.476	107	296296	50.796	ug/l	99
64) Tetrachloroethene	11.106	164	261542	49.159	ug/l	97
65) Chlorobenzene	11.894	112	809661	51.187	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	318654	52.366	ug/l	97
67) Ethyl Benzene	11.970	91	1404209	52.519	ug/l	100
68) m/p-Xylenes	12.076	106	1089692	110.230	ug/l	98
69) o-Xylene	12.400	106	526540	52.733	ug/l	96
70) Styrene	12.418	104	871408	55.784	ug/l	98
71) Bromoform	12.582	173	217065	52.671	ug/l #	98
73) Isopropylbenzene	12.700	105	1331799	47.683	ug/l	99
74) N-amyl acetate	12.500	43	427752	44.441	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	411549	52.938	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	311360m	43.337	ug/l	
77) Bromobenzene	12.982	156	316633	52.198	ug/l	97
78) n-propylbenzene	13.041	91	1512323	50.631	ug/l	100
79) 2-Chlorotoluene	13.129	91	925155	47.286	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1085677	49.196	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	121460	44.424	ug/l	93
82) 4-Chlorotoluene	13.223	91	883601	48.412	ug/l	97
83) tert-Butylbenzene	13.441	119	920948	49.153	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1064333	49.653	ug/l	99
85) sec-Butylbenzene	13.623	105	1184440	50.014	ug/l	98
86) p-Isopropyltoluene	13.735	119	954663	50.203	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	539088	50.278	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	525769	48.682	ug/l	99
89) n-Butylbenzene	14.059	91	724816	53.271	ug/l	96
90) Hexachloroethane	14.335	117	190527	54.587	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	523232	49.035	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63473	47.369	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	161987	47.566	ug/l	95
94) Hexachlorobutadiene	15.506	225	96637	55.291	ug/l	97
95) Naphthalene	15.647	128	460537	39.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	180316	46.048	ug/l	97

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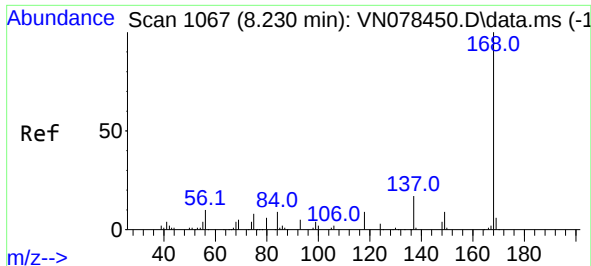
Manual Integrations
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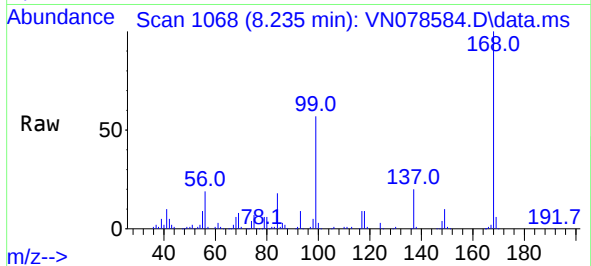
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
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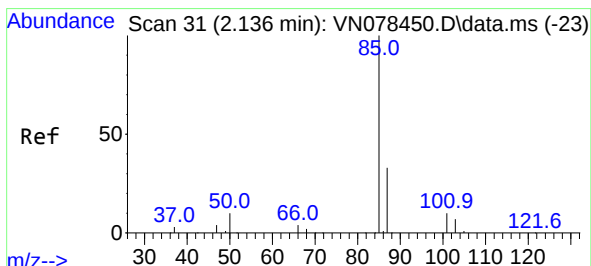
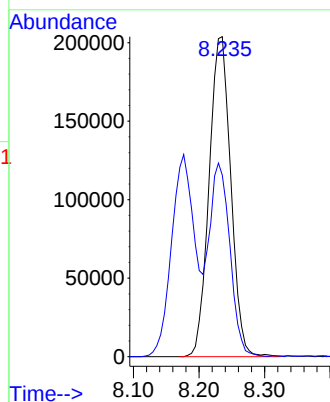
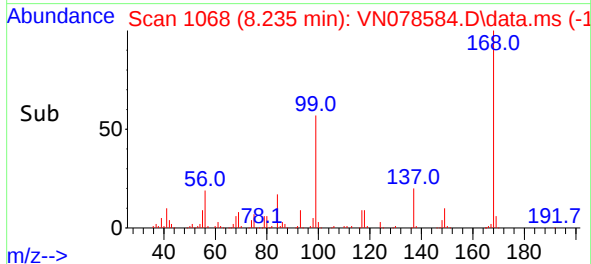
Instrument :
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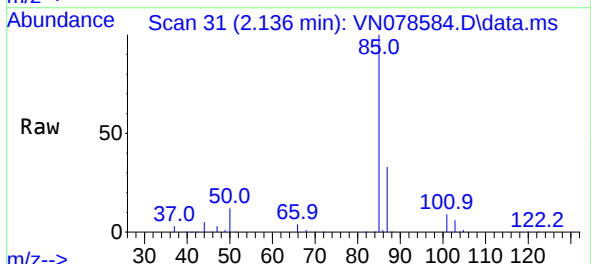
Tgt Ion:168 Resp: 46774
Ion Ratio Lower Upper
168 100
99 56.5 53.0 79.6

Manual Integrations
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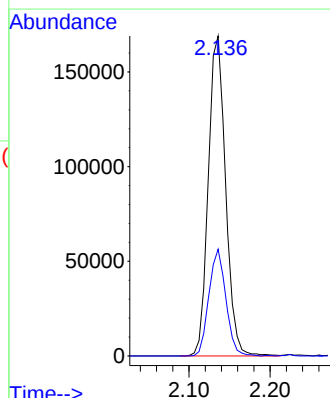
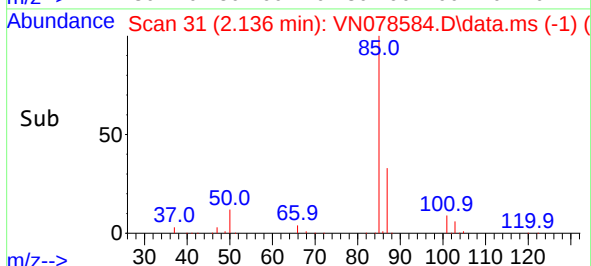
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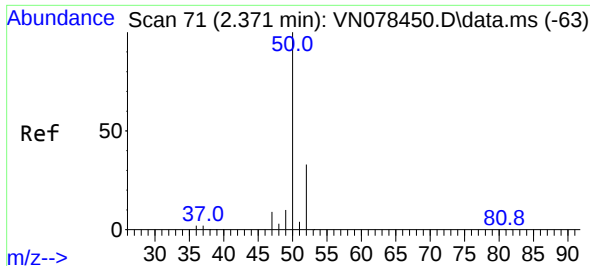


#2
Dichlorodifluoromethane
Concen: 43.616 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



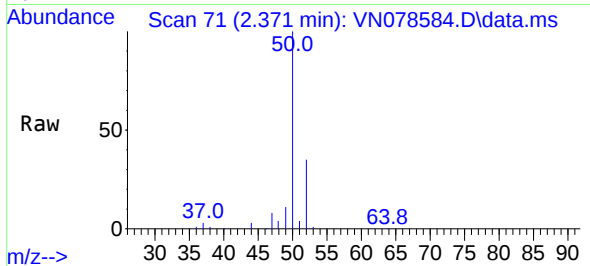
Tgt Ion: 85 Resp: 250126
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3
Chloromethane
Concen: 46.154 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

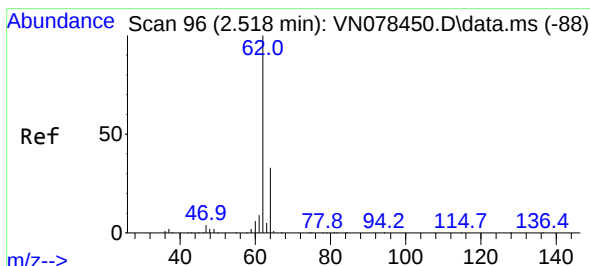
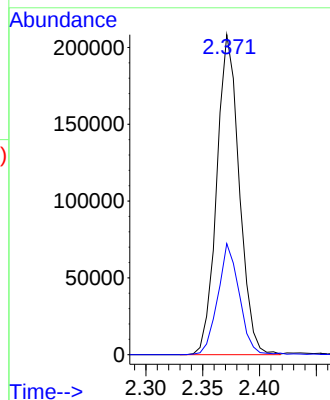
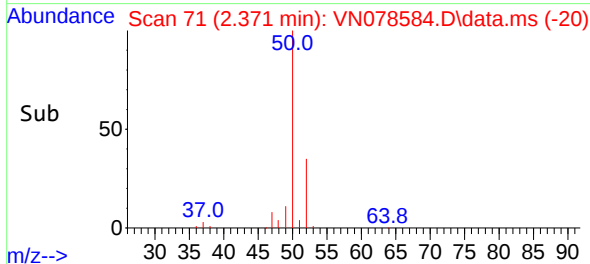
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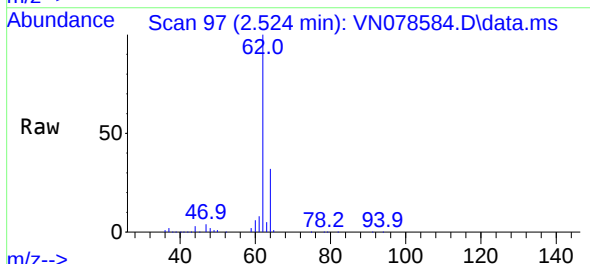
Tgt Ion: 50 Resp: 28768
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

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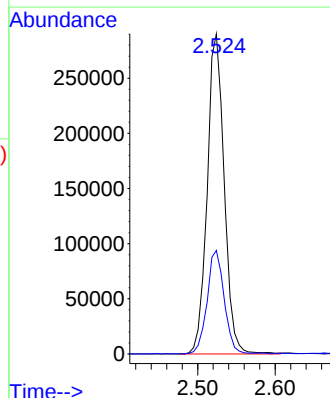
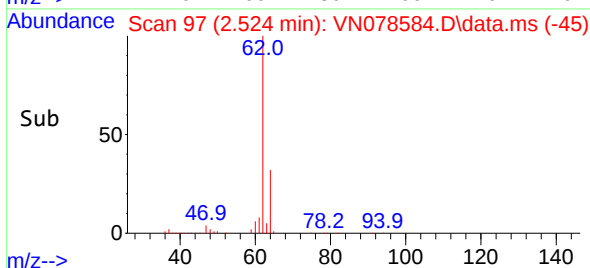
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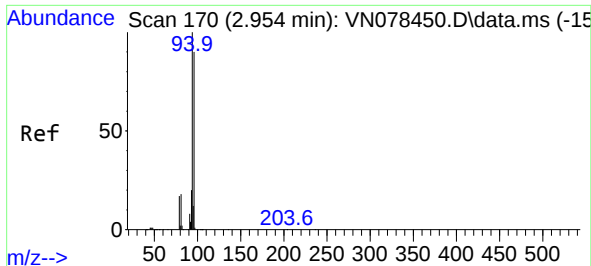


#4
Vinyl Chloride
Concen: 54.745 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



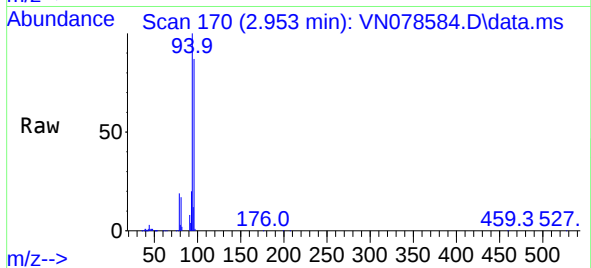
Tgt Ion: 62 Resp: 441422
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5
Bromomethane
Concen: 49.167 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

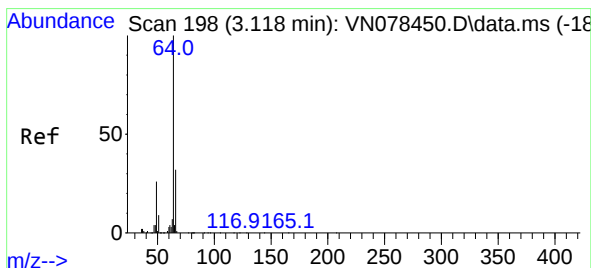
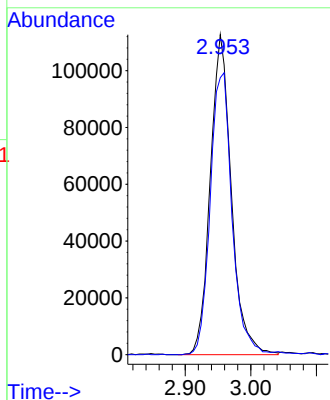
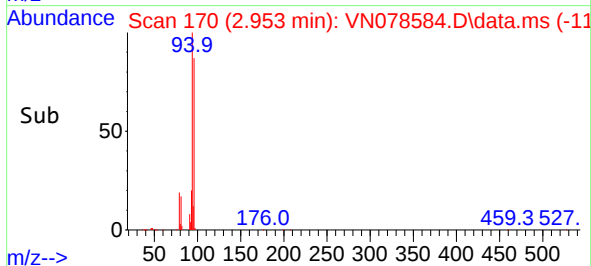
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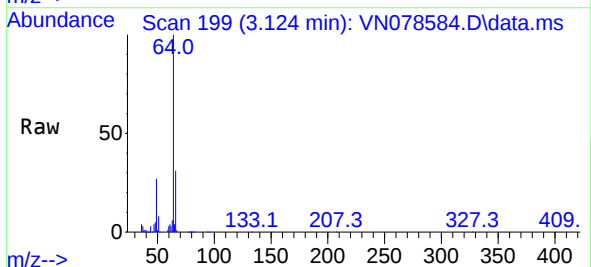
Tgt Ion: 94 Resp: 251179
Ion Ratio Lower Upper
94 100
96 86.6 73.1 109.7

Manual Integrations
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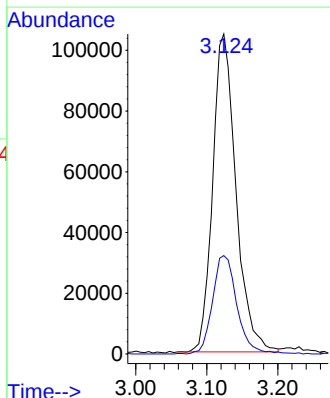
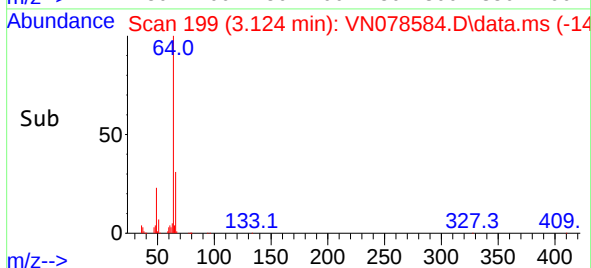
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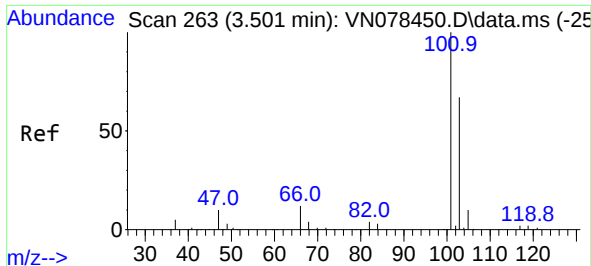


#6
Chloroethane
Concen: 48.794 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078584.D
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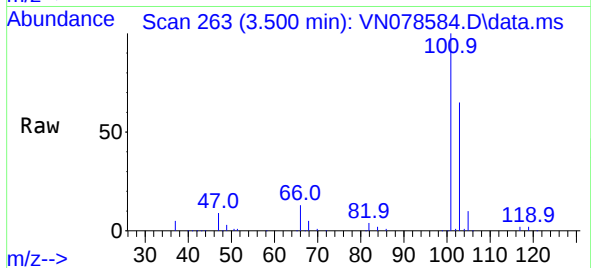
Tgt Ion: 64 Resp: 238224
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 58.340 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.001 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

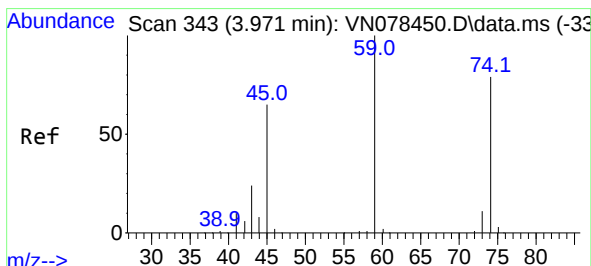
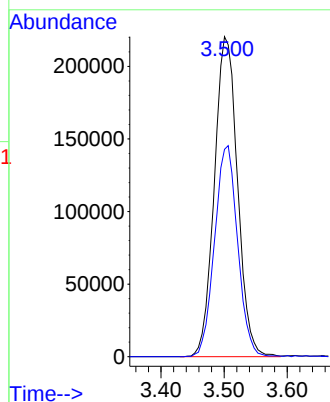
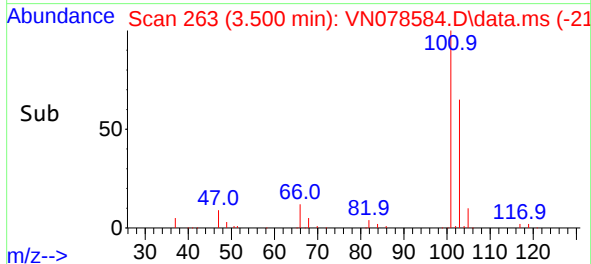
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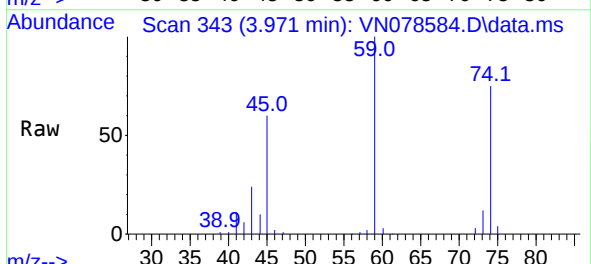
Tgt Ion:101 Resp: 56232
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

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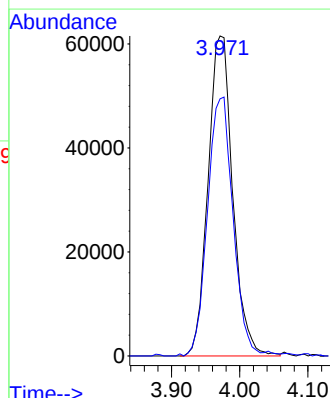
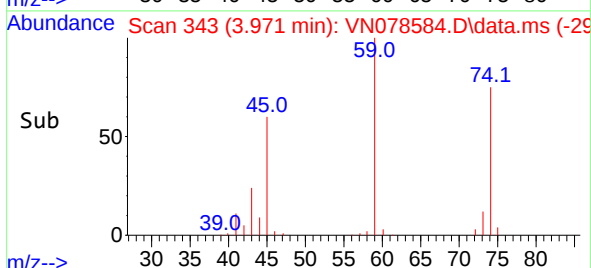
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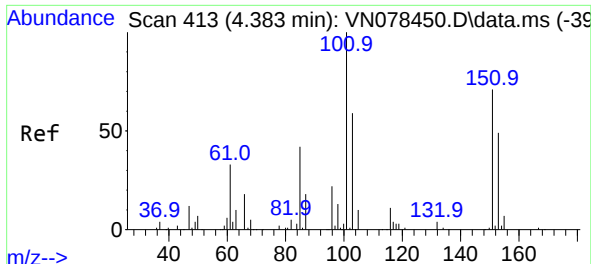


#8
Diethyl Ether
Concen: 48.325 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078584.D
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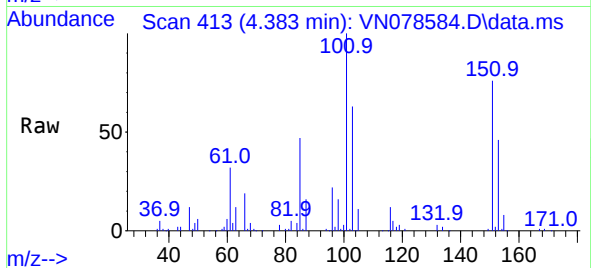
Tgt Ion: 74 Resp: 155188
Ion Ratio Lower Upper
74 100
45 83.5 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.413 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

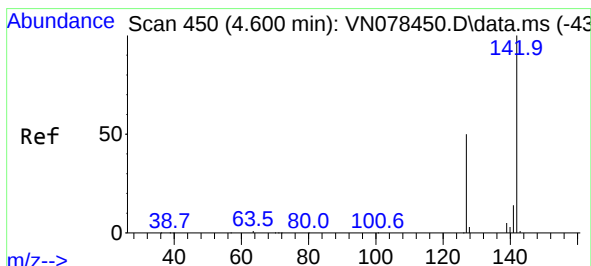
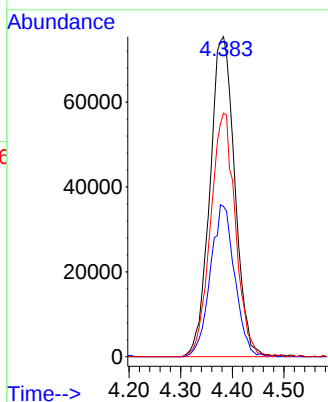
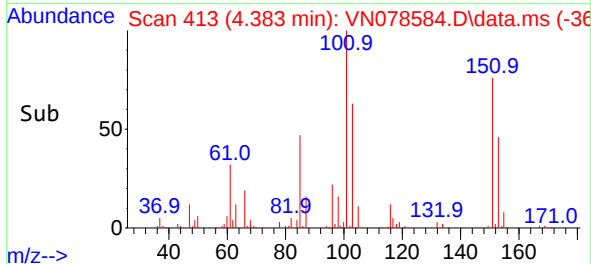
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



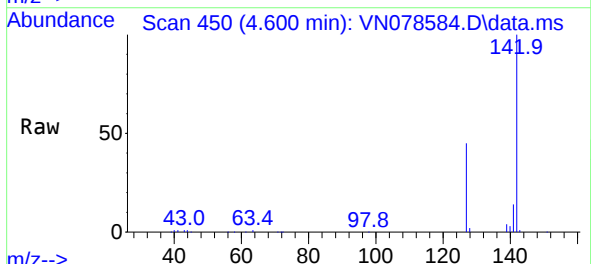
Tgt Ion:101 Resp: 252120
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 76.0 57.6 86.4

Manual Integrations
APPROVED

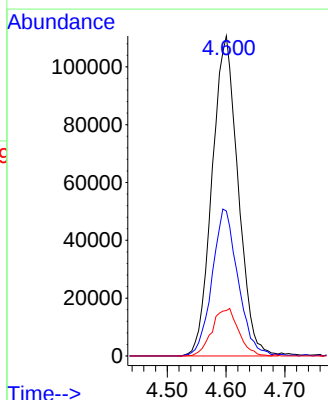
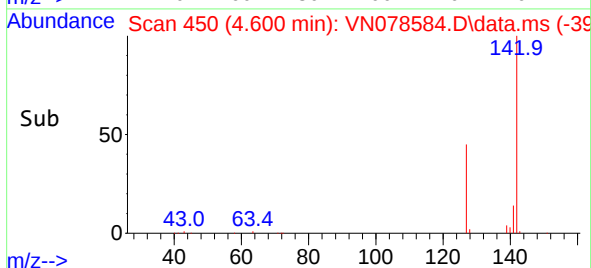
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

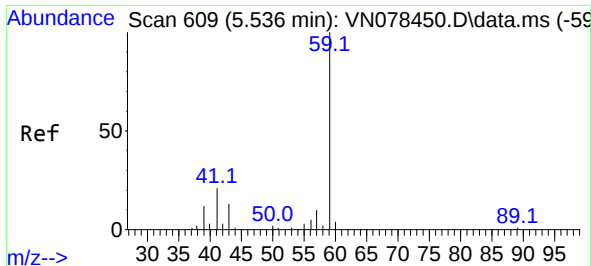


#10
Methyl Iodide
Concen: 48.504 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



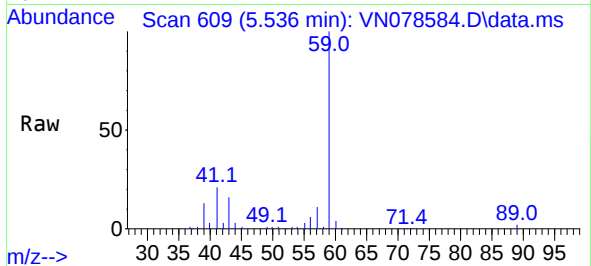
Tgt Ion:142 Resp: 340080
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 221.799 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

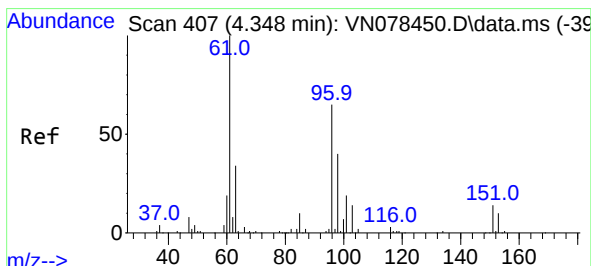
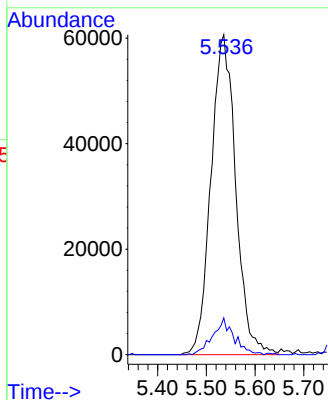
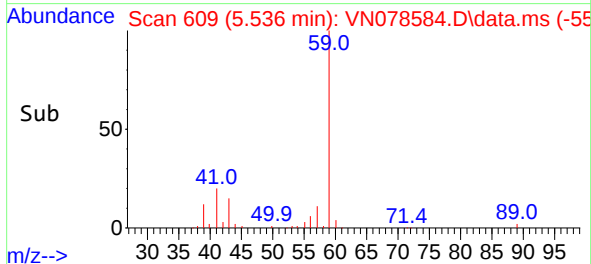
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



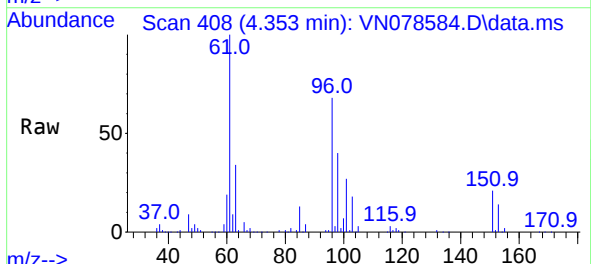
Tgt Ion: 59 Resp: 21446
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

Manual Integrations
APPROVED

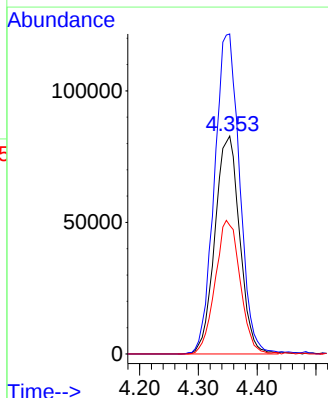
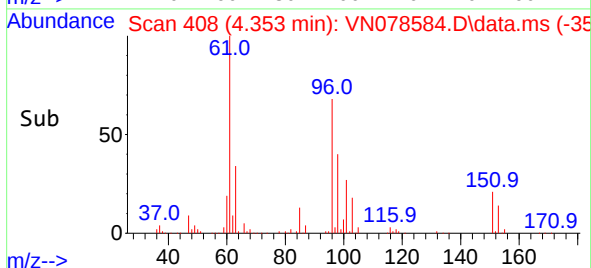
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

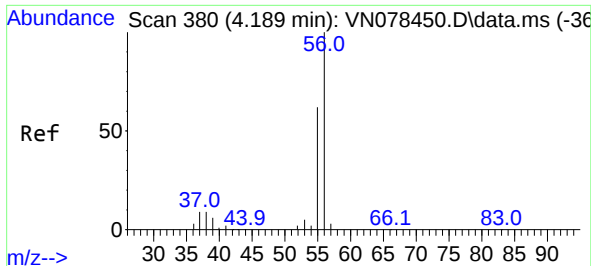


#12
1,1-Dichloroethene
Concen: 49.071 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



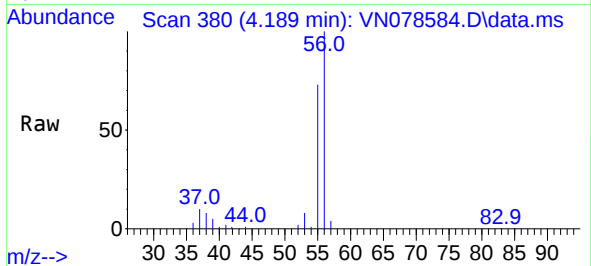
Tgt Ion: 96 Resp: 242189
Ion Ratio Lower Upper
96 100
61 146.9 112.7 169.1
98 59.1 51.2 76.8





#13
Acrolein
Concen: 230.846 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

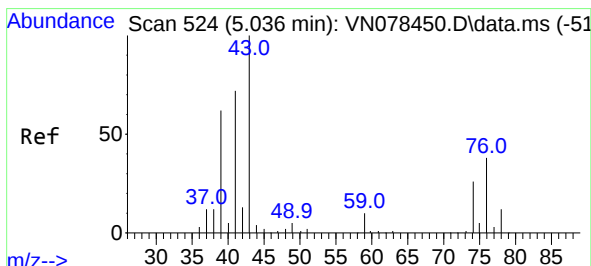
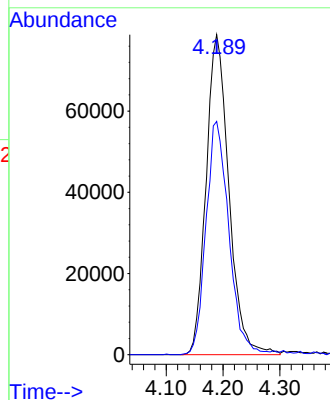
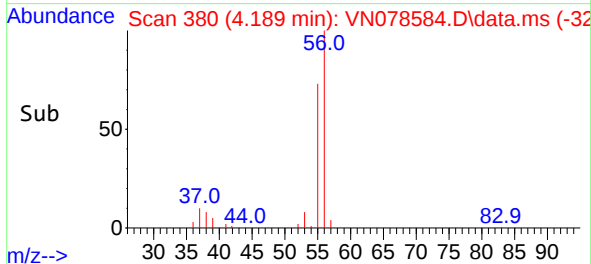
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 219614
Ion Ratio Lower Upper
56 100
55 73.0 54.5 81.7

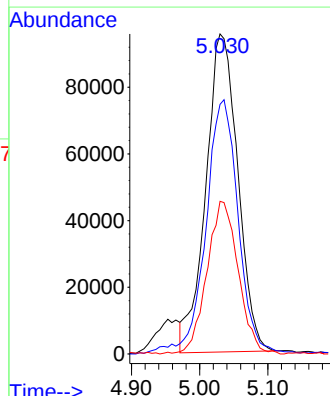
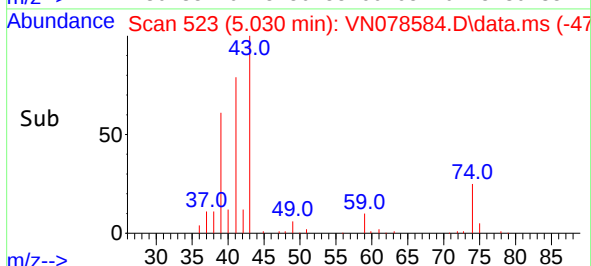
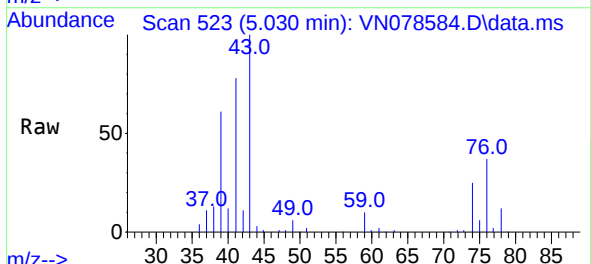
Manual Integrations
APPROVED

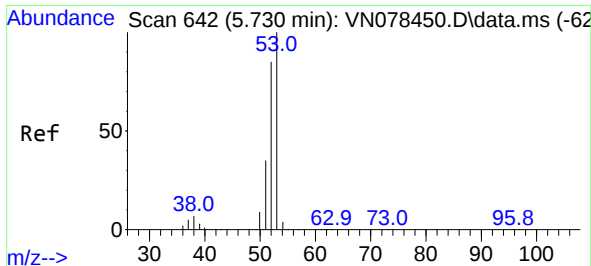
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#14
Allyl chloride
Concen: 46.198 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

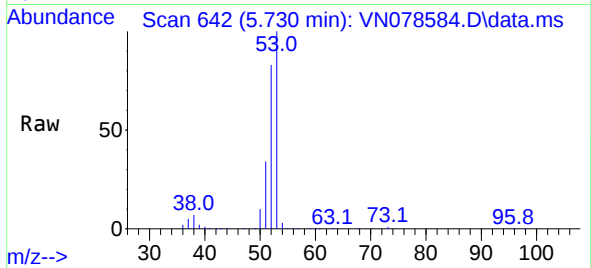
Tgt Ion: 41 Resp: 311567
Ion Ratio Lower Upper
41 100
39 81.3 58.8 88.2
76 46.9 39.1 58.7





#15
Acrylonitrile
Concen: 242.624 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

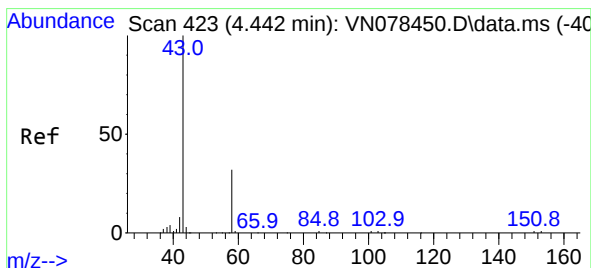
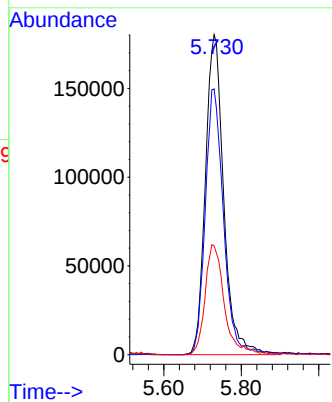
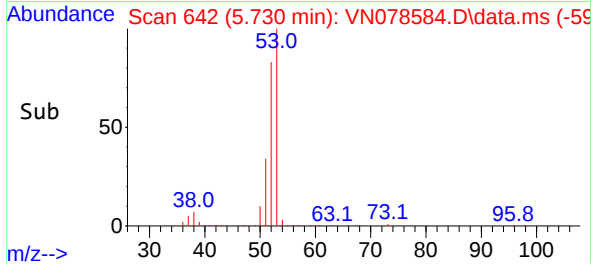
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



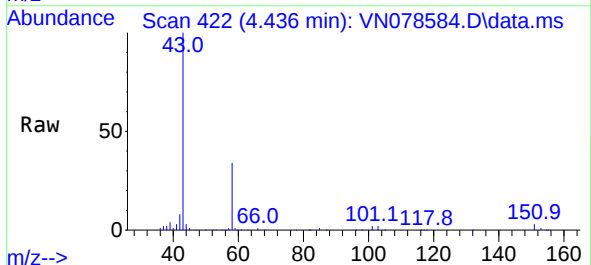
Tgt Ion: 53 Resp: 592754
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.0 28.9 43.3

Manual Integrations
APPROVED

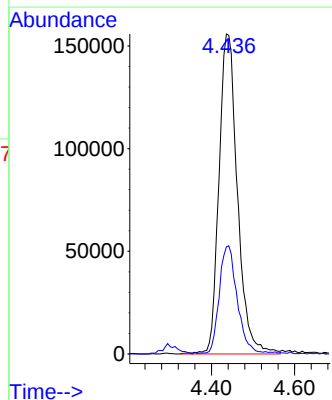
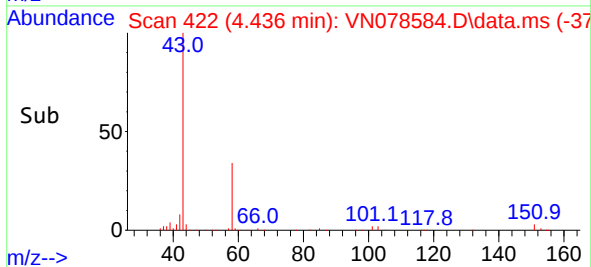
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

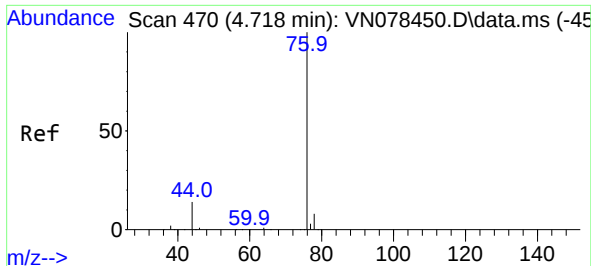


#16
Acetone
Concen: 245.778 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



Tgt Ion: 43 Resp: 480076
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





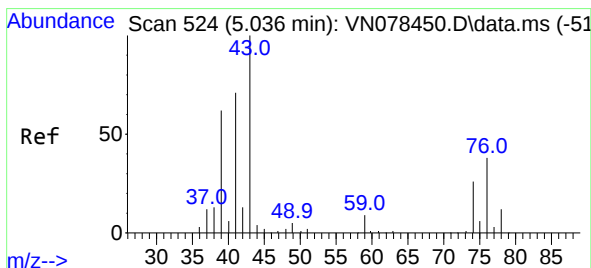
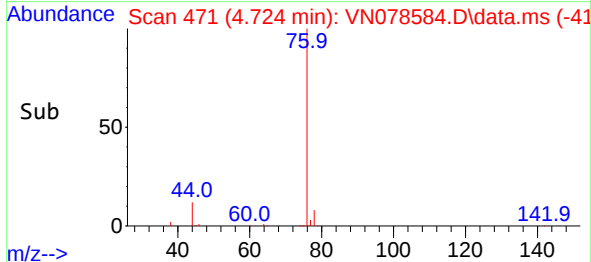
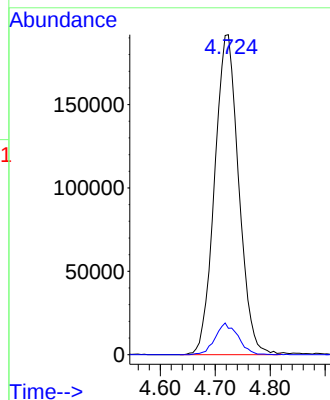
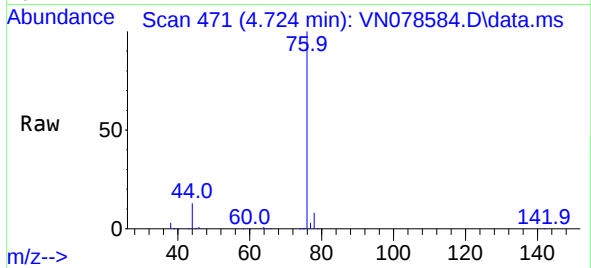
#17
Carbon Disulfide
Concen: 41.005 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 58521
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

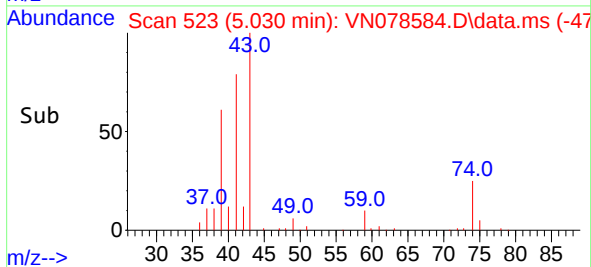
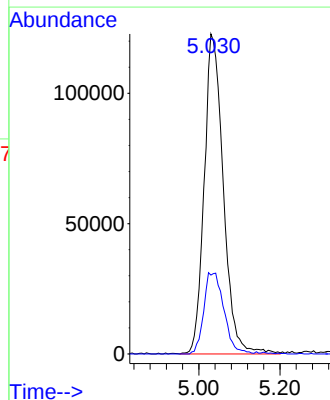
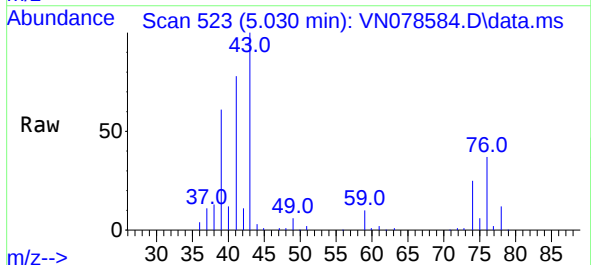
Manual Integrations
APPROVED

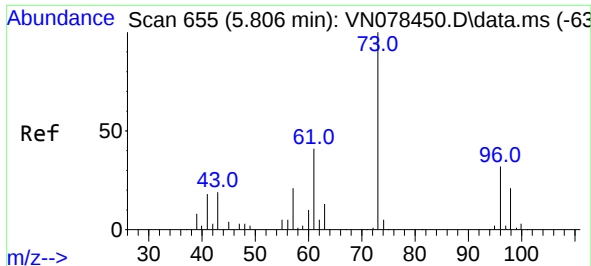
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#18
Methyl Acetate
Concen: 48.560 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Tgt Ion: 43 Resp: 401530
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4





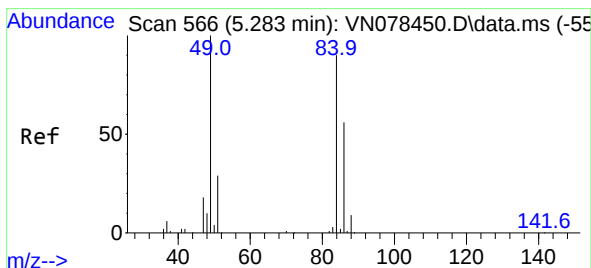
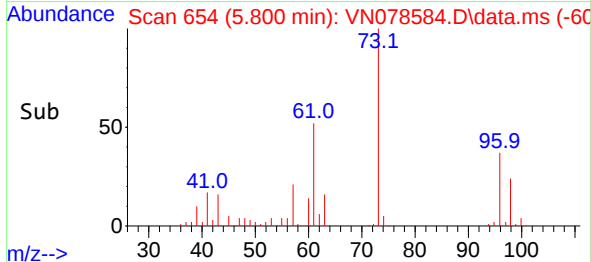
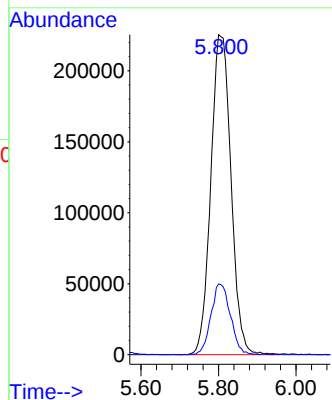
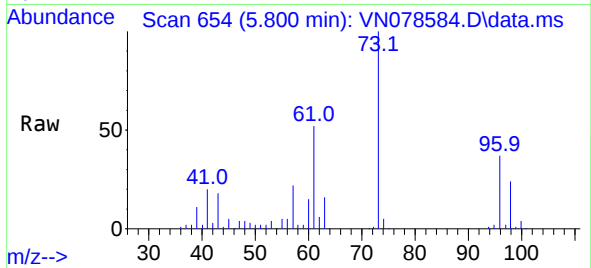
#19
Methyl tert-butyl Ether
Concen: 50.112 ug/l
RT: 5.800 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 81490
Ion Ratio Lower Upper
73 100
57 22.1 15.6 23.4

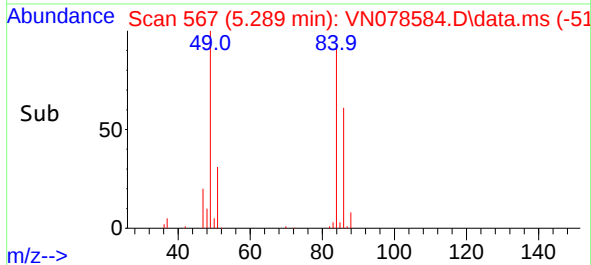
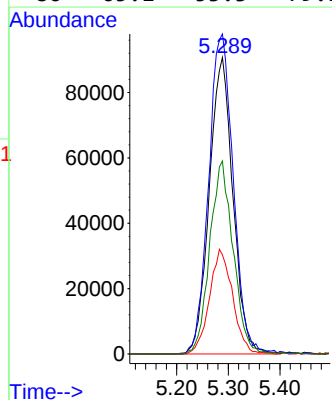
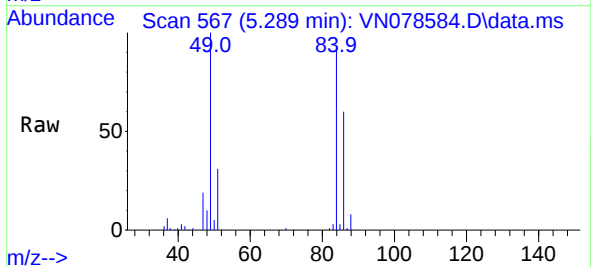
Manual Integrations
APPROVED

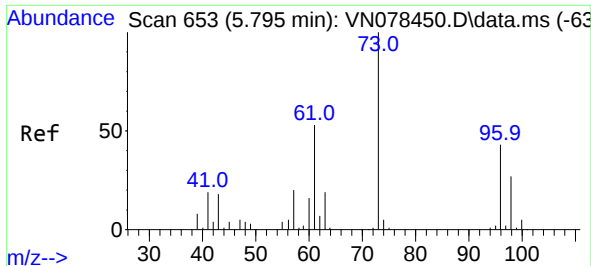
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#20
Methylene Chloride
Concen: 51.662 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

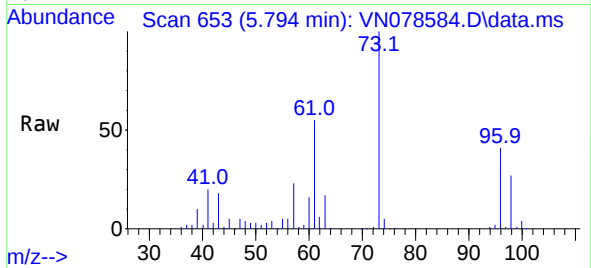
Tgt Ion: 84 Resp: 289222
Ion Ratio Lower Upper
84 100
49 107.7 79.7 119.5
51 33.4 25.2 37.8
86 65.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.944 ug/l
RT: 5.794 min Scan# 610
Delta R.T. -0.001 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

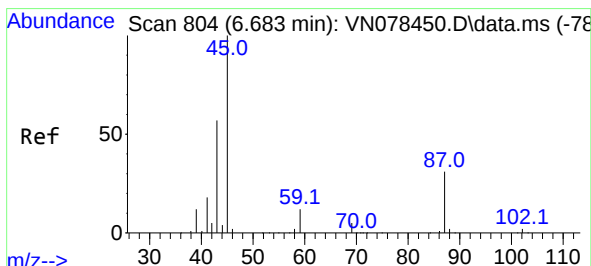
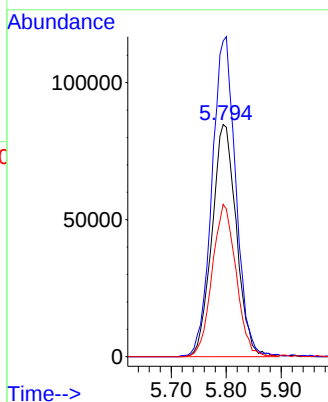
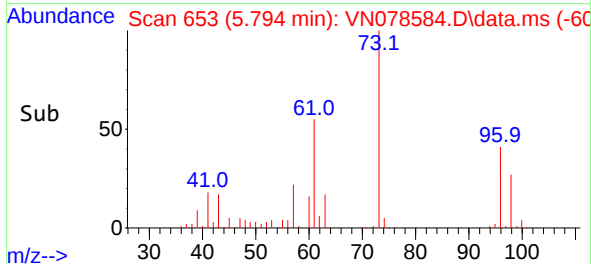
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



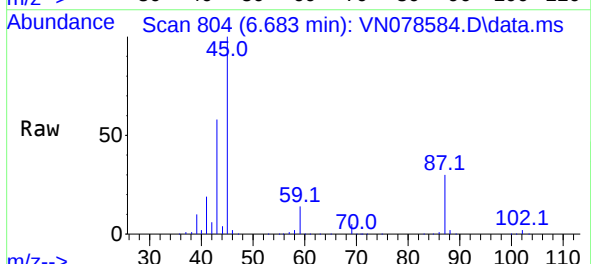
Tgt Ion: 96 Resp: 261092
Ion Ratio Lower Upper
96 100
61 135.9 90.1 135.1
98 65.6 46.4 69.6

Manual Integrations
APPROVED

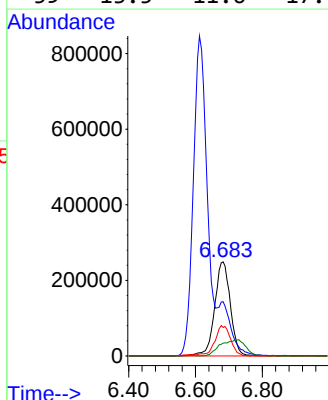
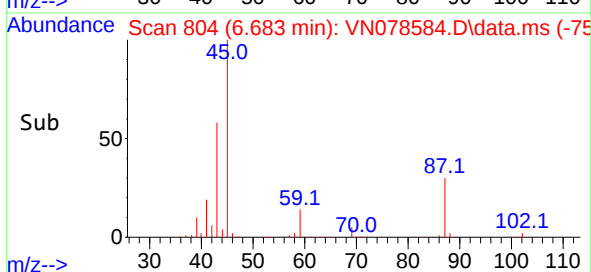
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

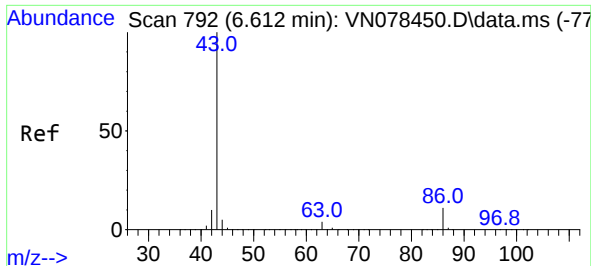


#22
Diisopropyl ether
Concen: 53.783 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



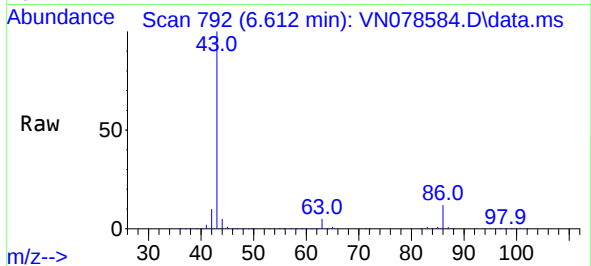
Tgt Ion: 45 Resp: 812175
Ion Ratio Lower Upper
45 100
43 57.2 45.5 68.3
87 30.3 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 254.077 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078584.D
 Acq: 20 Jul 2023 10:36

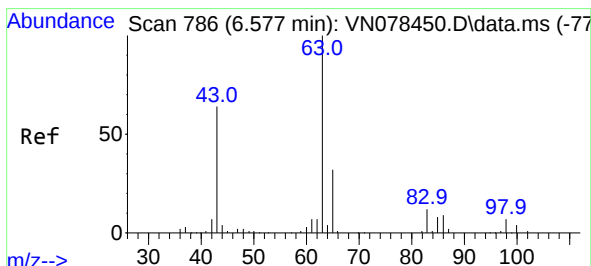
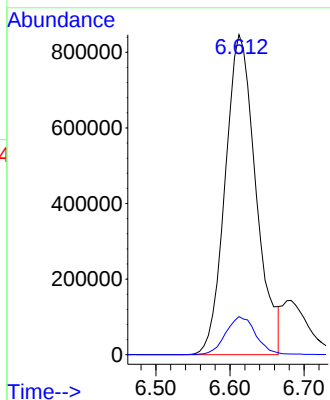
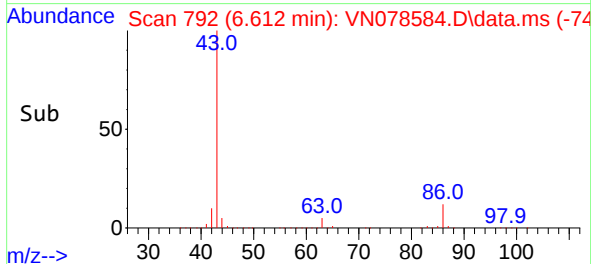
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



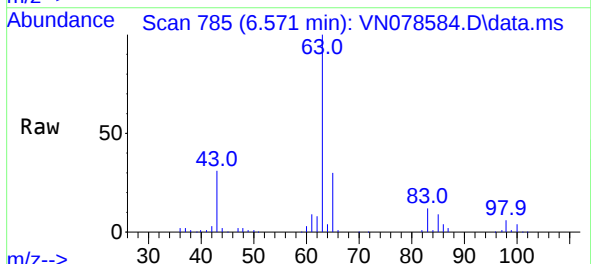
Tgt Ion: 43 Resp: 243921
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

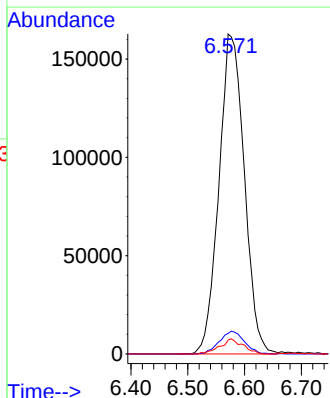
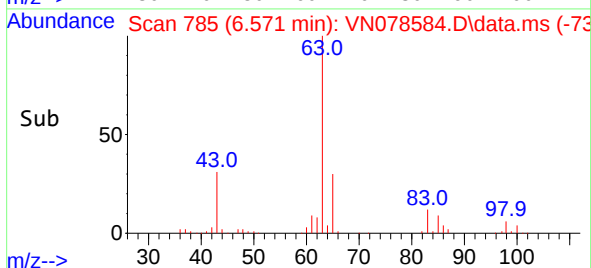
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

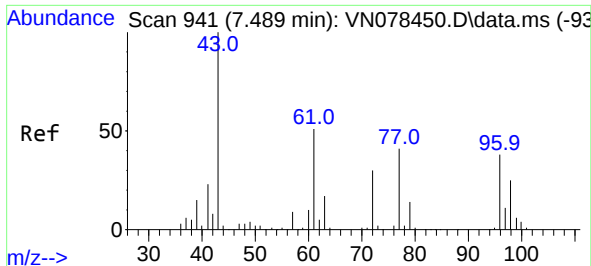


#24
 1,1-Dichloroethane
 Concen: 49.612 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078584.D
 Acq: 20 Jul 2023 10:36



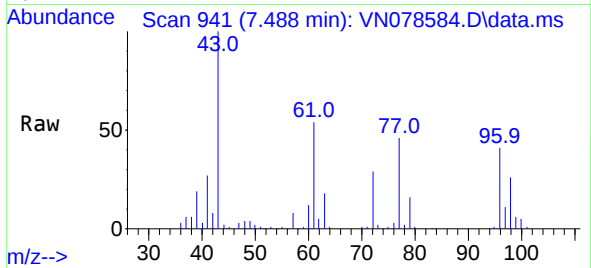
Tgt Ion: 63 Resp: 504831
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 242.316 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

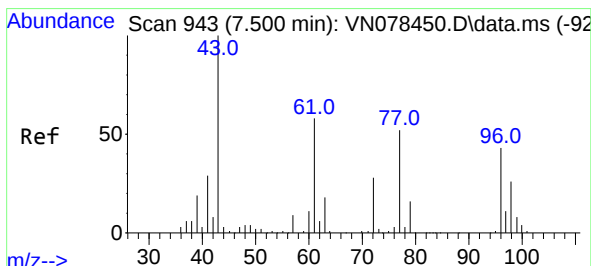
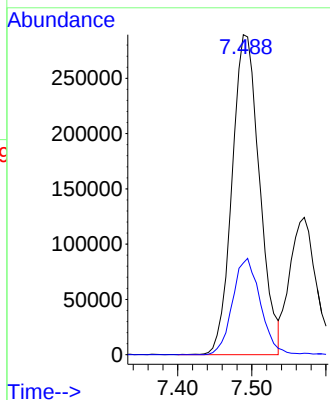
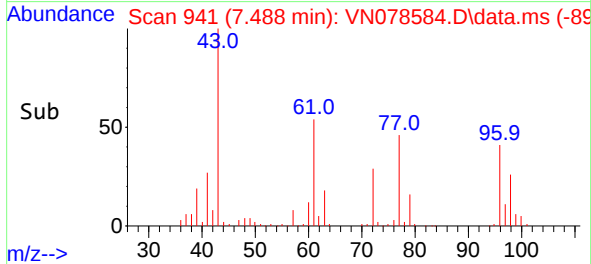
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



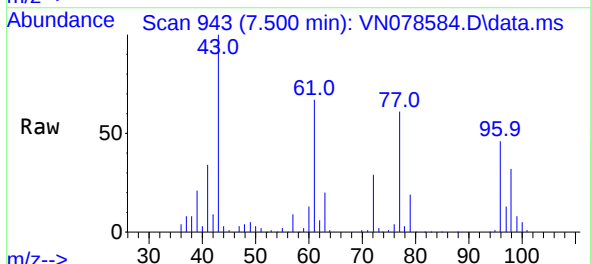
Tgt Ion: 43 Resp: 745060
Ion Ratio Lower Upper
43 100
72 28.7 30.2 45.2

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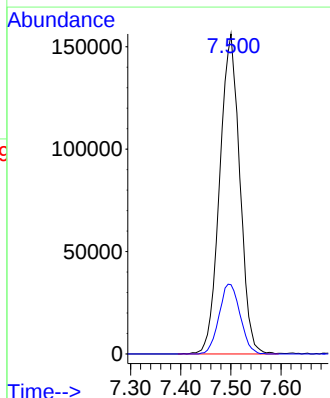
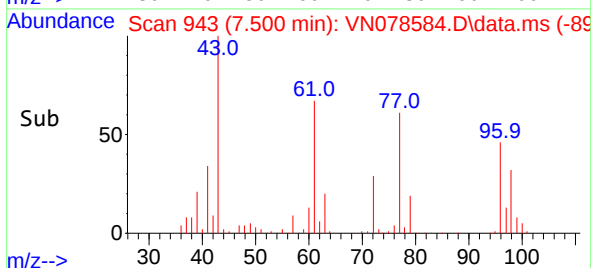
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

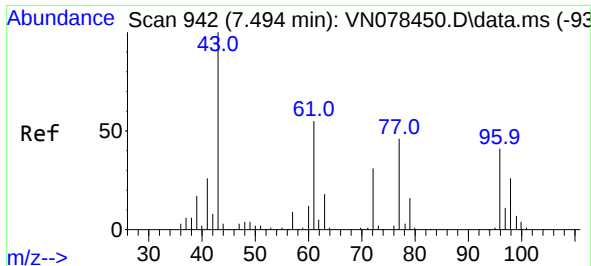


#26
2,2-Dichloropropane
Concen: 52.238 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



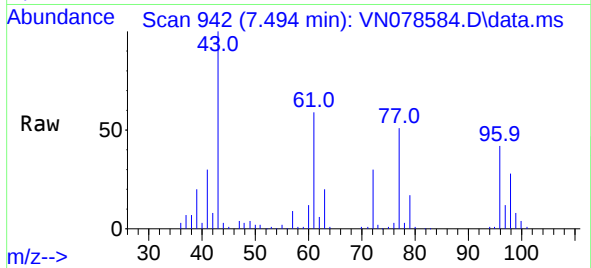
Tgt Ion: 77 Resp: 434756
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.416 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078584.D
 Acq: 20 Jul 2023 10:36

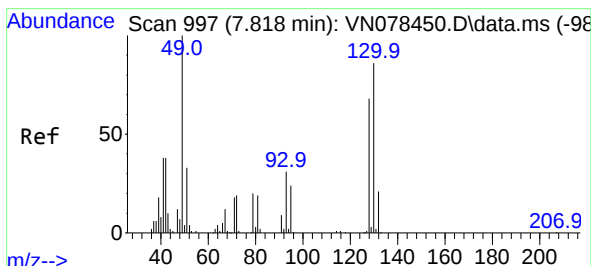
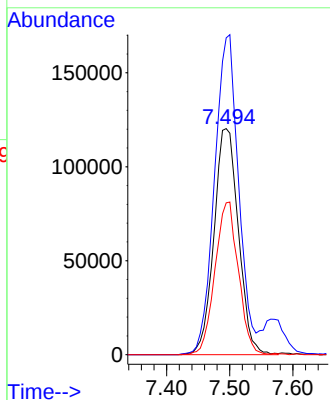
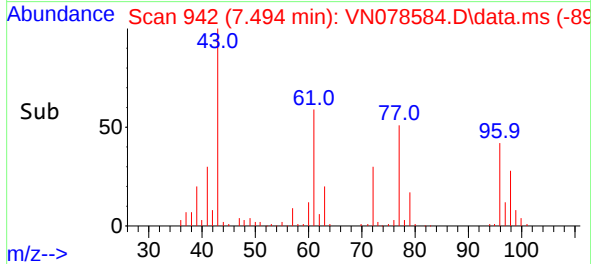
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



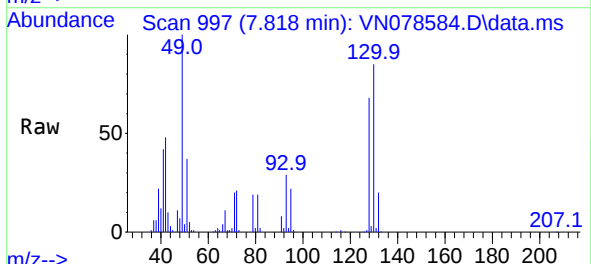
Tgt Ion: 96 Resp: 32437
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 255.2
 98 64.6 0.0 128.8

Manual Integrations
 APPROVED

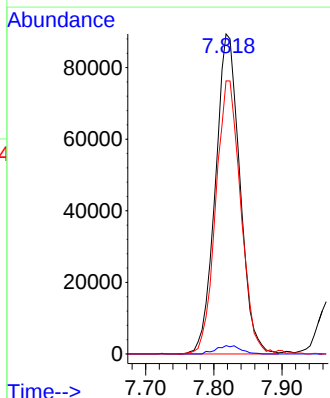
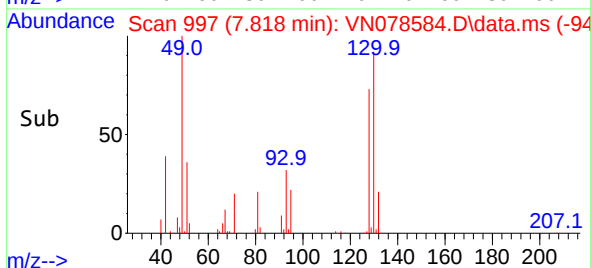
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

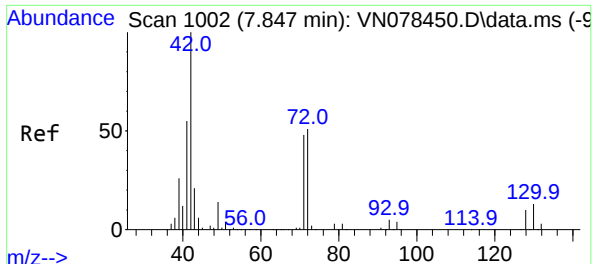


#28
 Bromochloromethane
 Concen: 46.553 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078584.D
 Acq: 20 Jul 2023 10:36



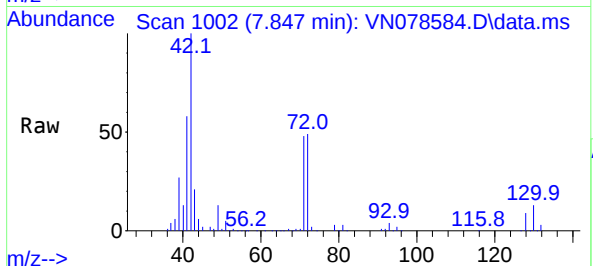
Tgt Ion: 49 Resp: 223115
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 86.9 75.3 112.9





#29
Tetrahydrofuran
Concen: 236.821 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

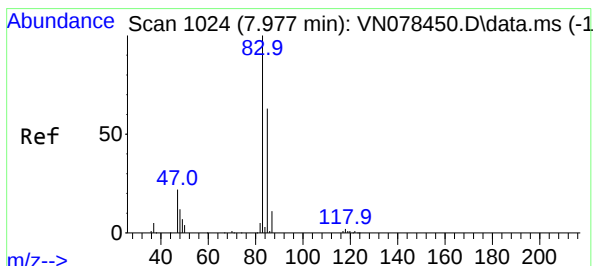
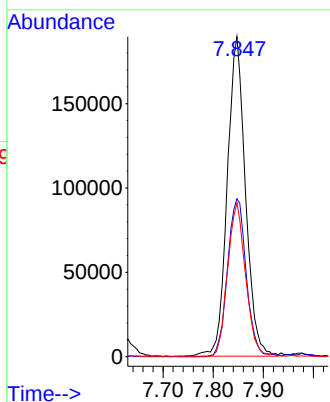
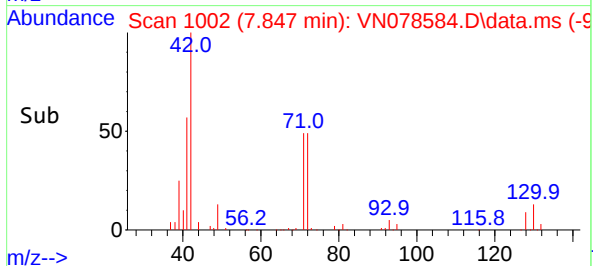
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



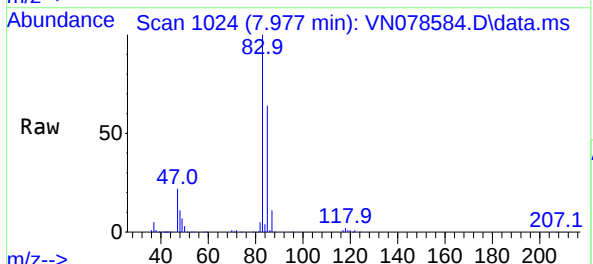
Tgt Ion: 42 Resp: 47779
Ion Ratio Lower Upper
42 100
72 51.0 49.8 74.6
71 47.6 47.4 71.2

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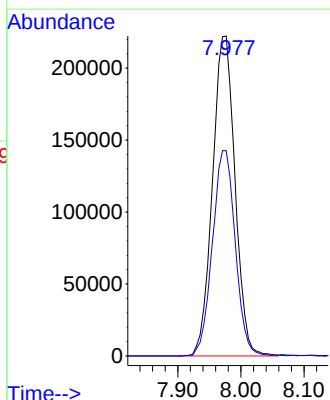
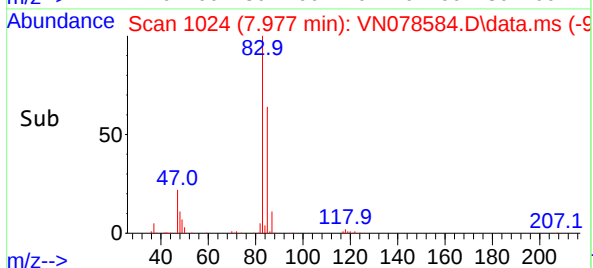
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

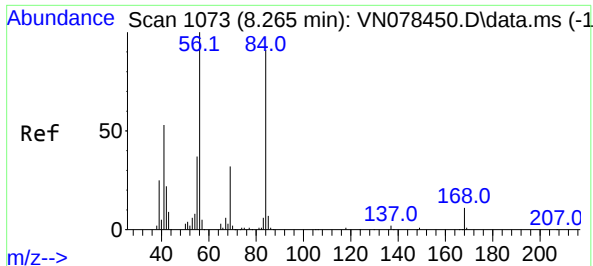


#30
Chloroform
Concen: 52.095 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



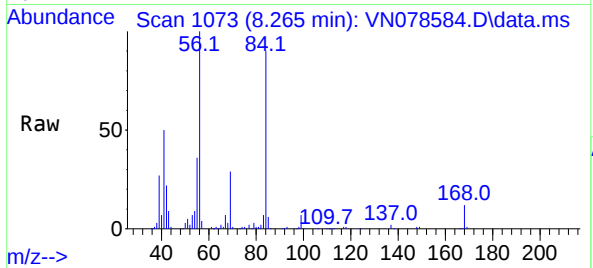
Tgt Ion: 83 Resp: 551887
Ion Ratio Lower Upper
83 100
85 64.2 55.4 83.0





#31
Cyclohexane
Concen: 45.451 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

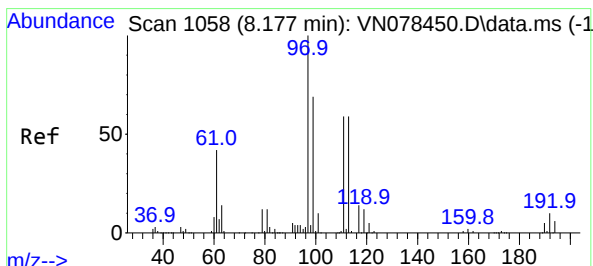
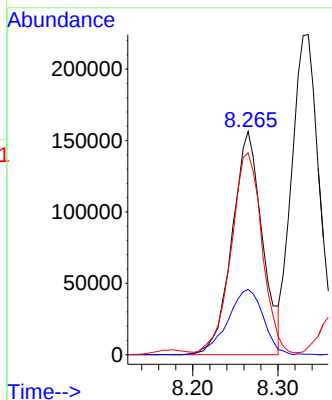
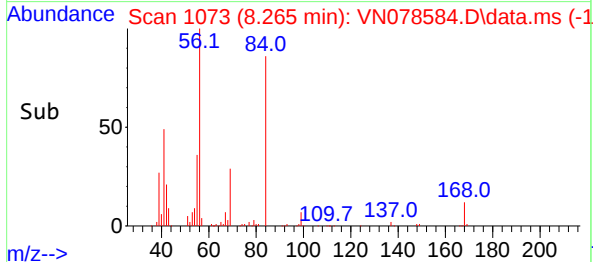
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



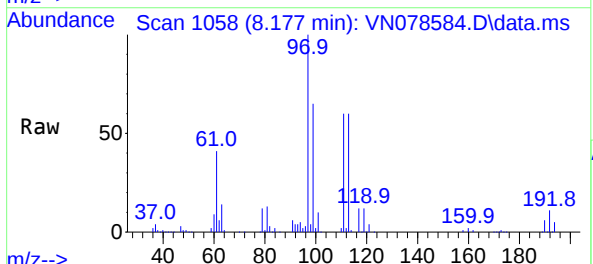
Tgt Ion: 56 Resp: 385169
Ion Ratio Lower Upper
56 100
69 29.3 26.8 40.2
84 88.6 81.8 122.6

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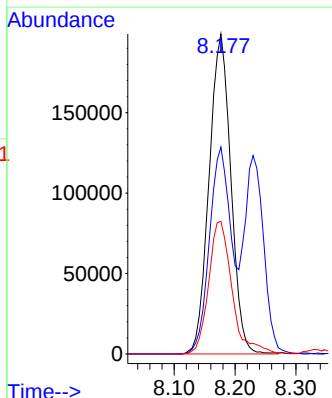
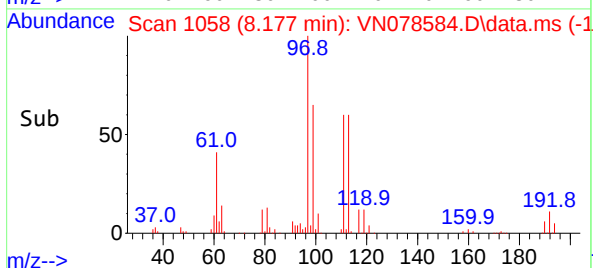
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

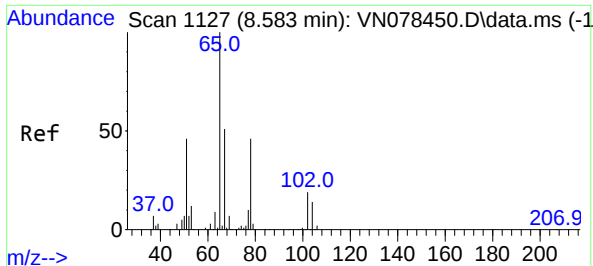


#32
1,1,1-Trichloroethane
Concen: 51.972 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



Tgt Ion: 97 Resp: 493634
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 44.7 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 51.461 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

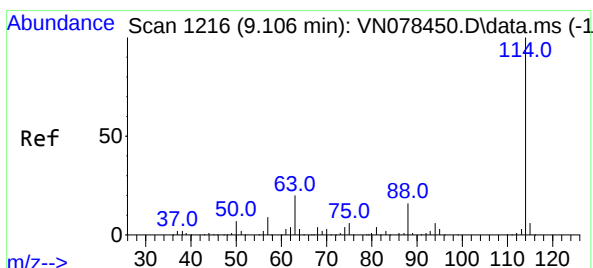
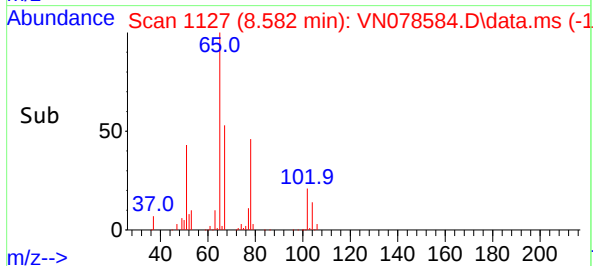
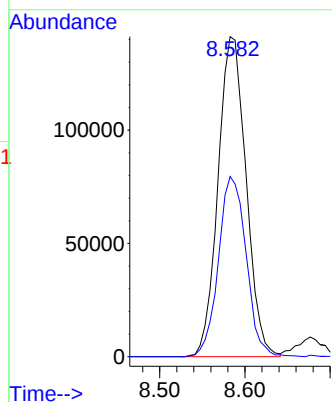
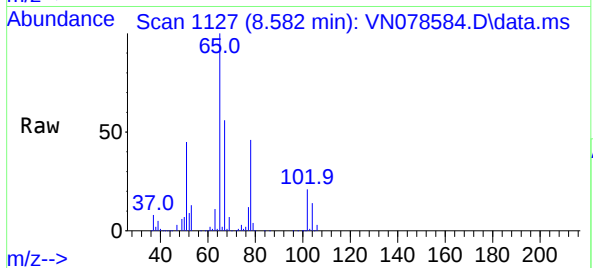
Tgt Ion: 65 Resp: 322692
Ion Ratio Lower Upper
65 100
67 55.7 0.0 106.6

Manual Integrations

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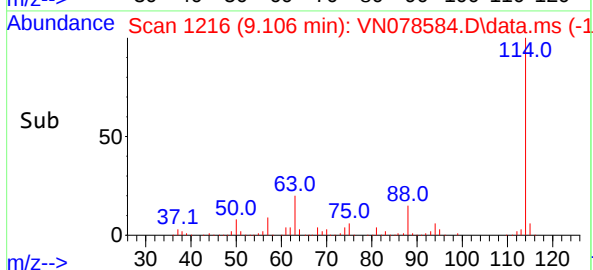
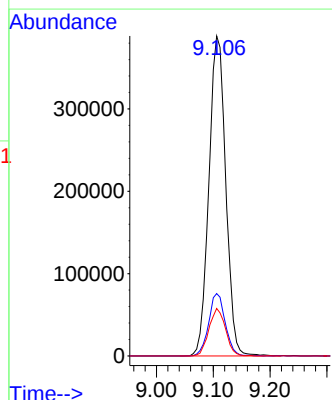
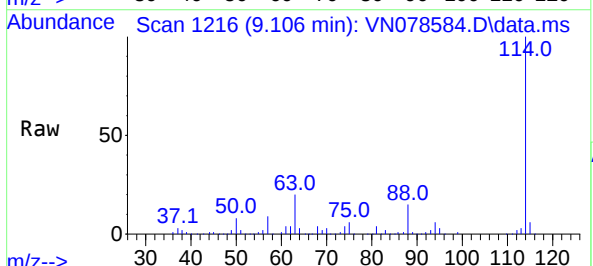
Reviewed By :John Carlone 07/21/2023

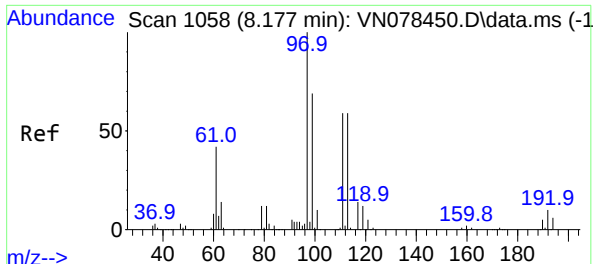
Supervised By :Mahesh Dadoda 07/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

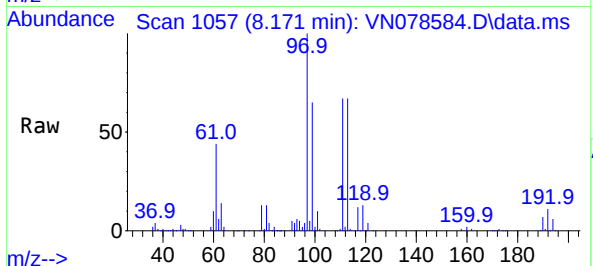
Tgt Ion:114 Resp: 798550
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.501 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

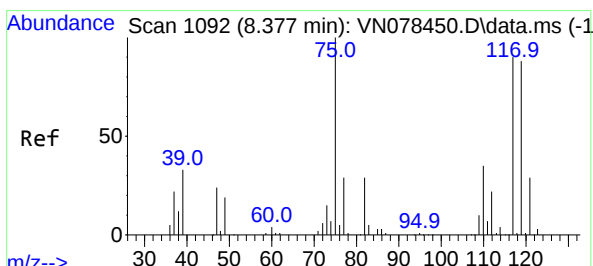
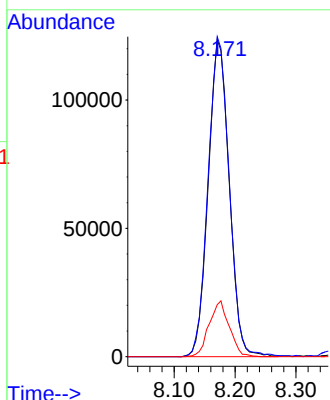
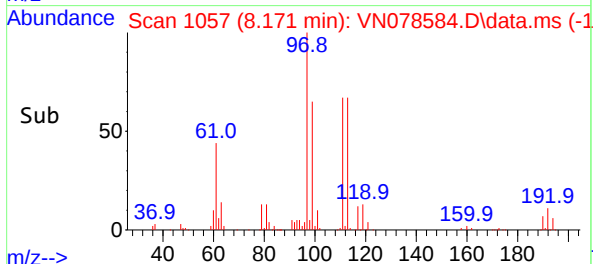
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



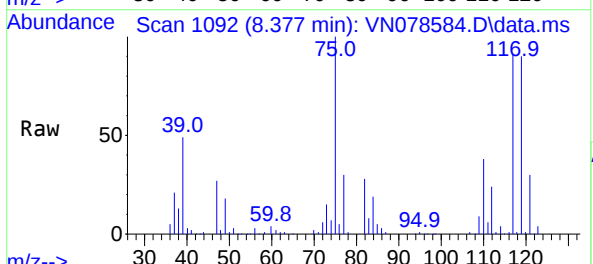
Tgt Ion:113 Resp: 295439
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 16.9 12.7 19.1

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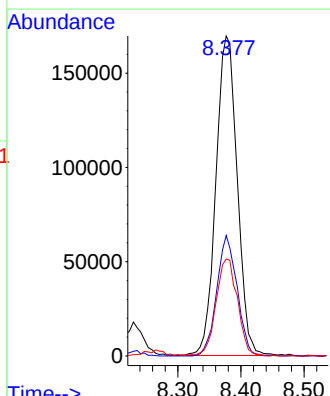
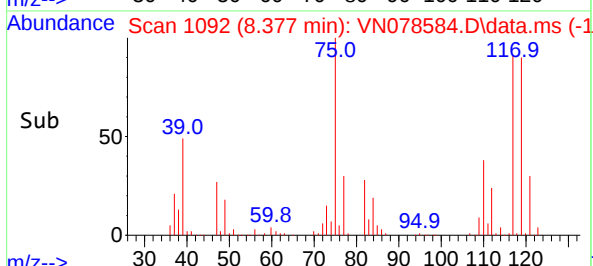
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

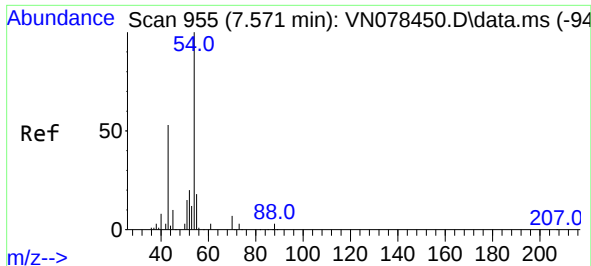


#36
1,1-Dichloropropene
Concen: 50.798 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



Tgt Ion: 75 Resp: 397606
Ion Ratio Lower Upper
75 100
110 36.0 19.1 57.3
77 30.5 25.0 37.4





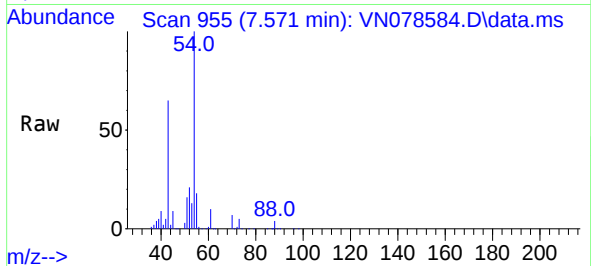
#37
Ethyl Acetate
Concen: 48.634 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



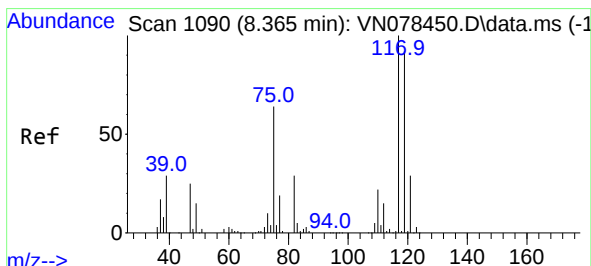
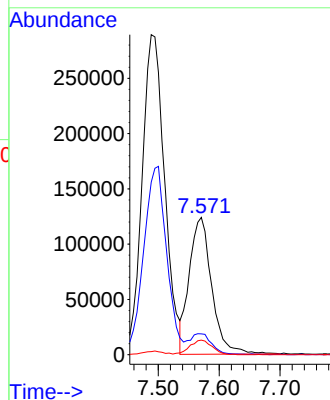
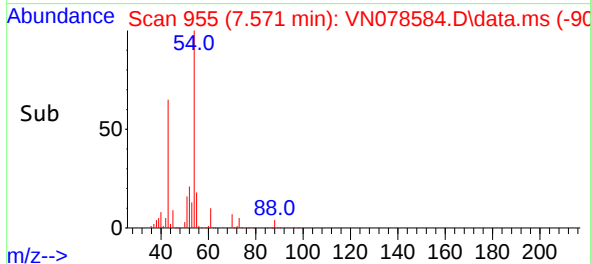
Tgt Ion: 43 Resp: 317328
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 10.6 11.3 16.9

Manual Integrations

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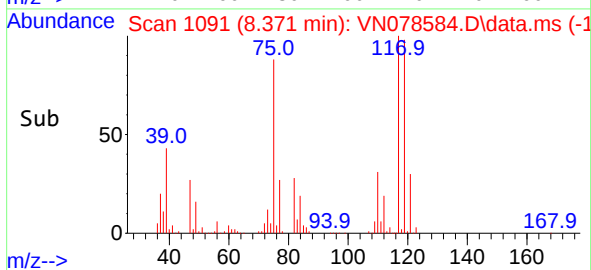
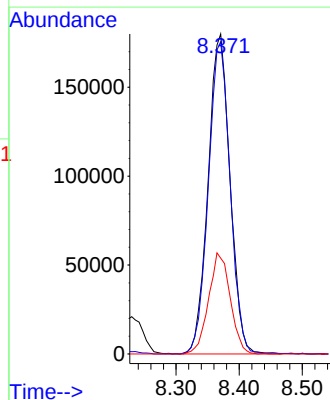
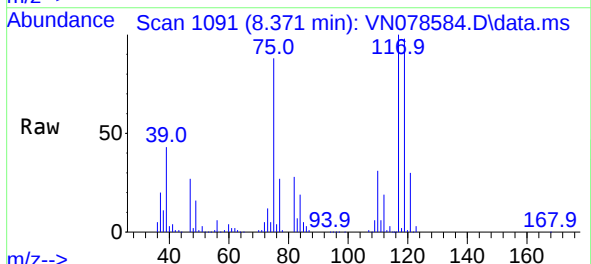
Reviewed By :John Carlone 07/21/2023

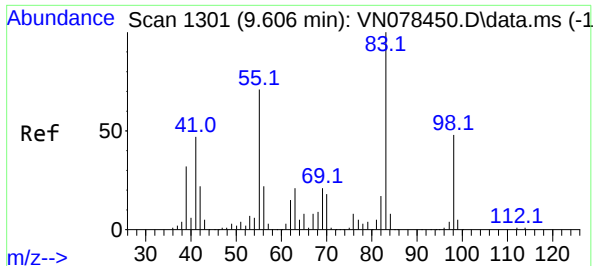
Supervised By :Mahesh Dadoda 07/21/2023



#38
Carbon Tetrachloride
Concen: 51.016 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Tgt Ion:117 Resp: 433983
Ion Ratio Lower Upper
117 100
119 97.5 77.3 115.9
121 30.0 23.3 34.9





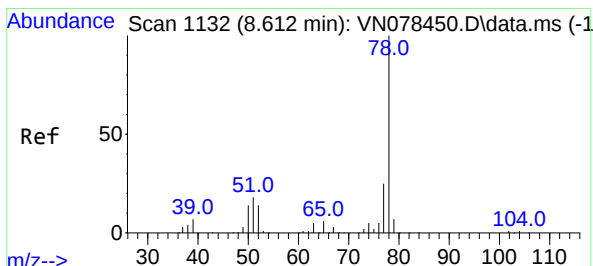
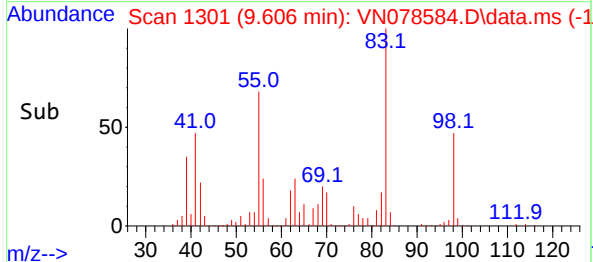
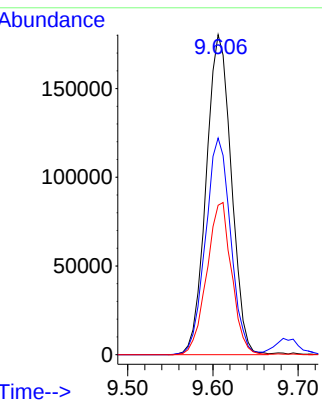
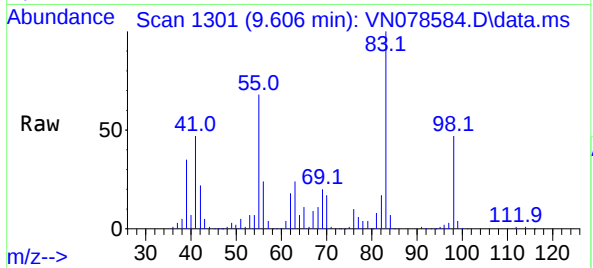
#39
Methylcyclohexane
Concen: 51.767 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 369850
Ion Ratio Lower Upper
83 100
55 67.7 49.1 73.7
98 46.7 40.6 61.0

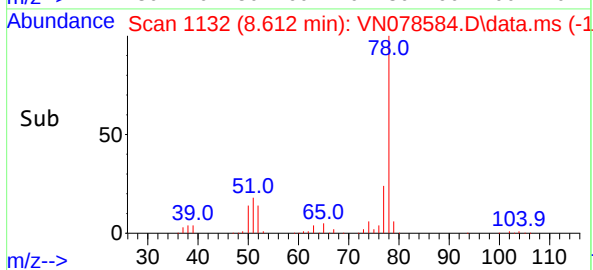
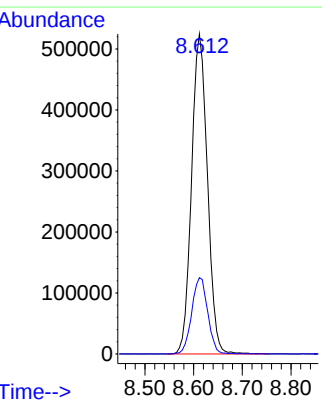
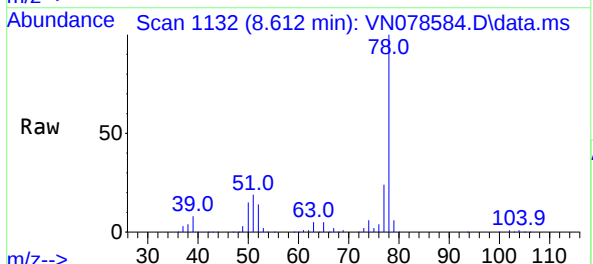
Manual Integrations
APPROVED

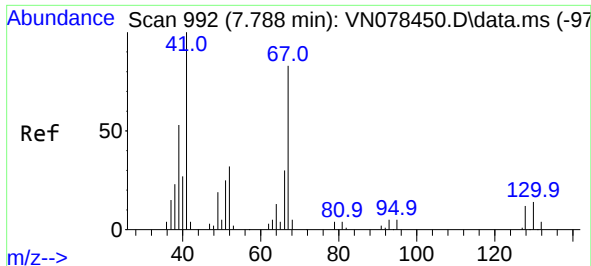
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#40
Benzene
Concen: 51.038 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Tgt Ion: 78 Resp: 1183508
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





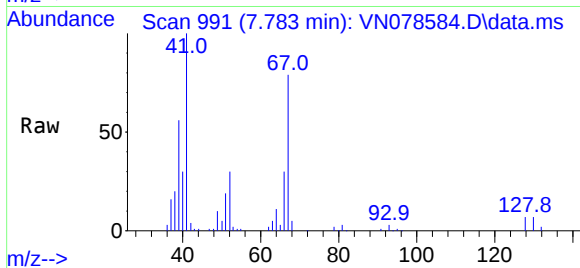
#41
Methacrylonitrile
Concen: 49.383 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

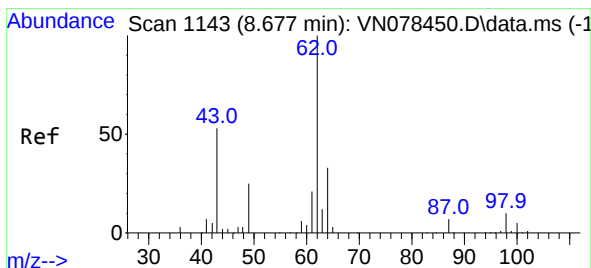
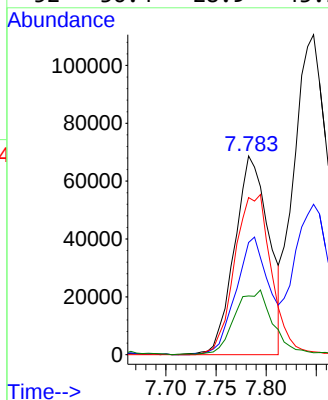
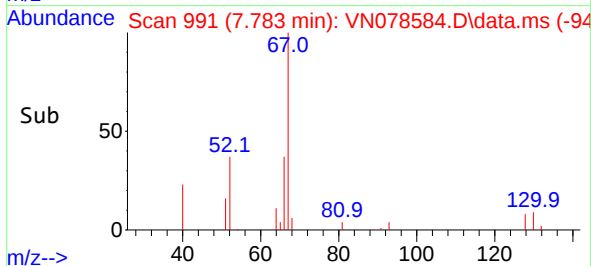


Tgt Ion: 41 Resp: 16426
Ion Ratio Lower Upper
41 100
39 57.0 42.6 64.0
67 86.8 77.5 116.3
52 36.4 28.9 43.3

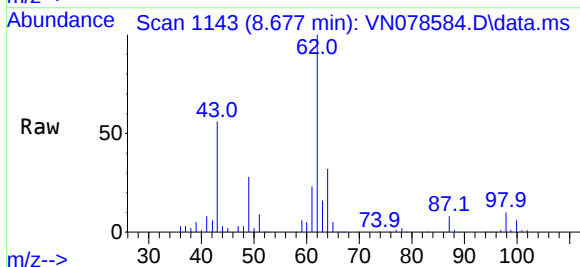
Manual Integrations

APPROVED

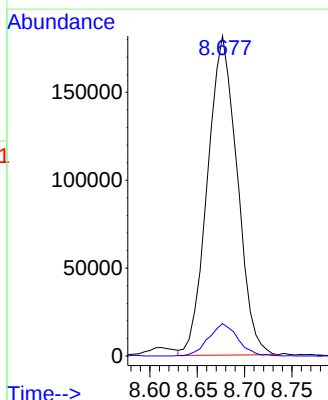
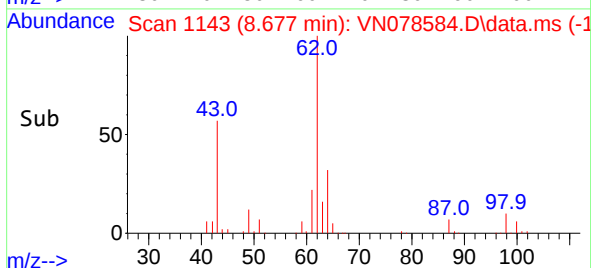
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

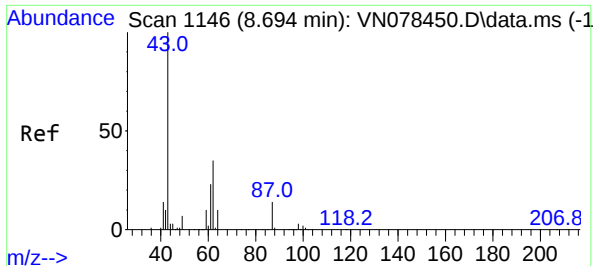


#42
1,2-Dichloroethane
Concen: 50.173 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



Tgt Ion: 62 Resp: 395727
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





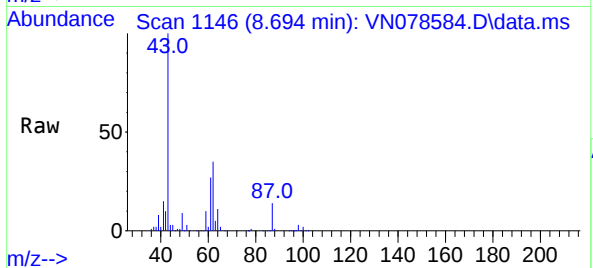
#43
Isopropyl Acetate
Concen: 50.978 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



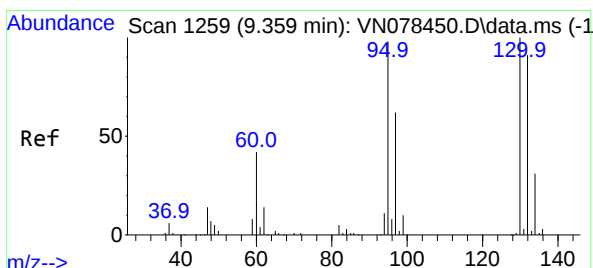
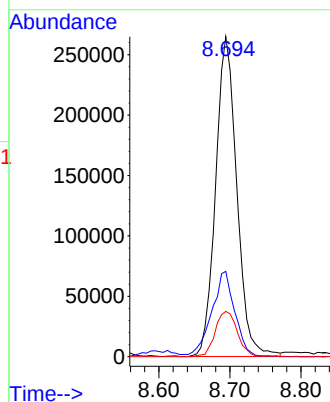
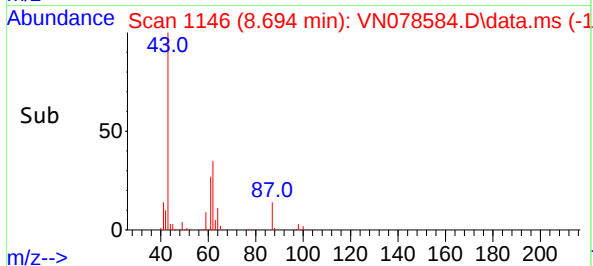
Tgt Ion: 43 Resp: 547629
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 14.7 14.6 21.8

Manual Integrations

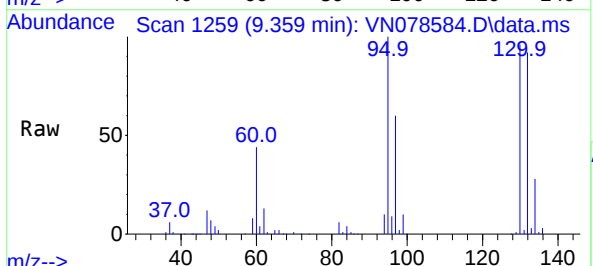
APPROVED

Reviewed By :John Carlone 07/21/2023

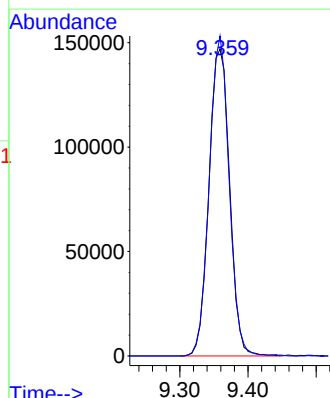
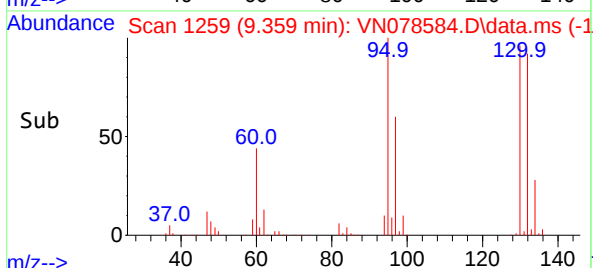
Supervised By :Mahesh Dadoda 07/21/2023

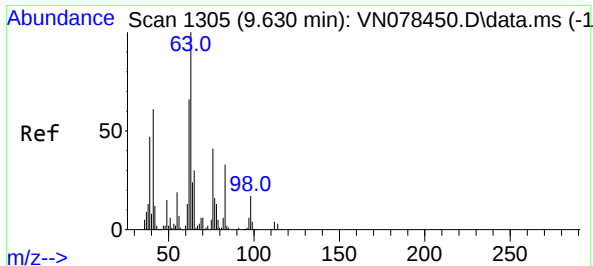


#44
Trichloroethene
Concen: 49.763 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



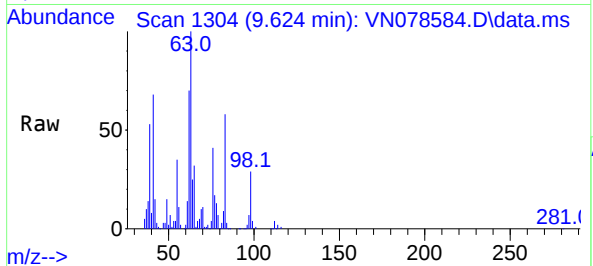
Tgt Ion:130 Resp: 311009
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.6





#45
1,2-Dichloropropane
Concen: 51.915 ug/l
RT: 9.624 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

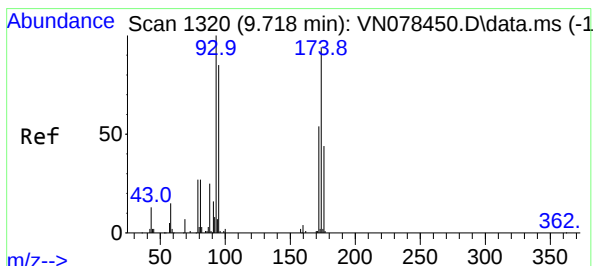
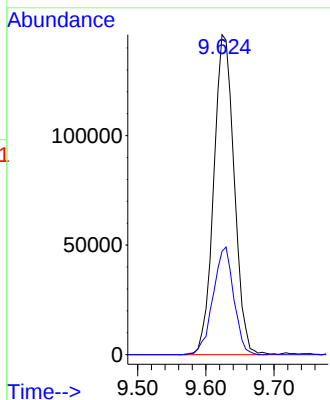
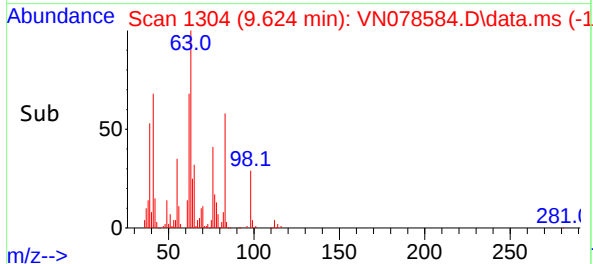
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 304898
Ion Ratio Lower Upper
63 100
65 32.3 23.9 35.9

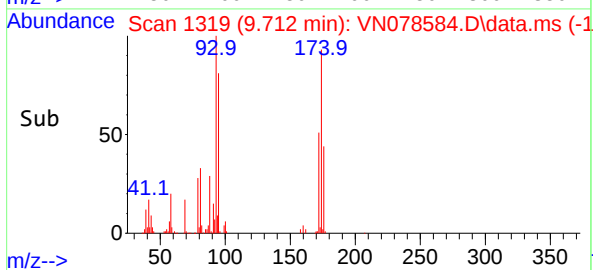
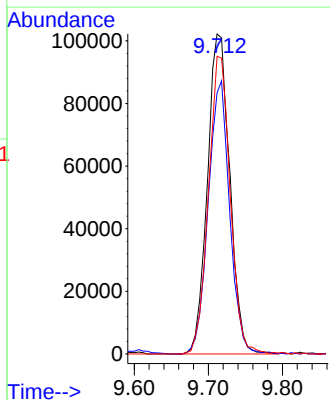
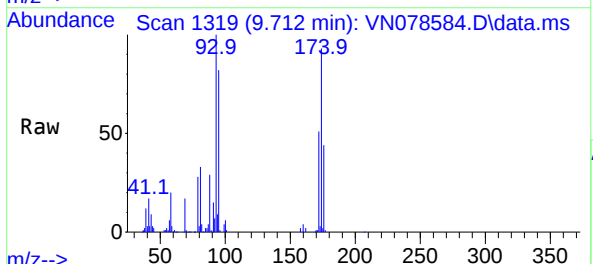
Manual Integrations
APPROVED

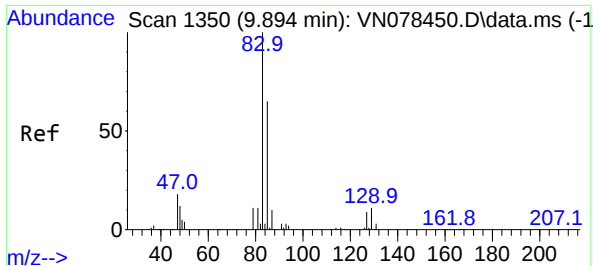
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#46
Dibromomethane
Concen: 51.715 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

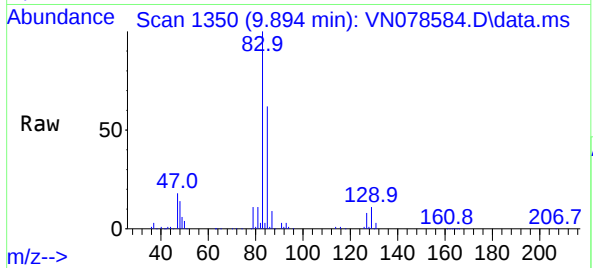
Tgt Ion: 93 Resp: 213772
Ion Ratio Lower Upper
93 100
95 81.8 63.8 95.8
174 90.7 65.6 98.4





#47
Bromodichloromethane
Concen: 53.641 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

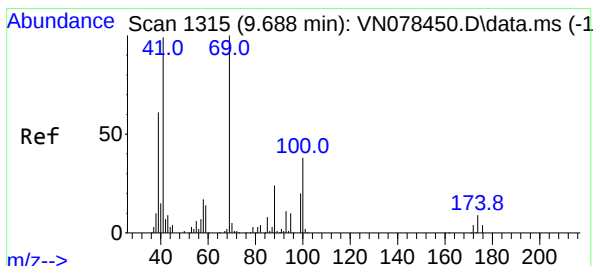
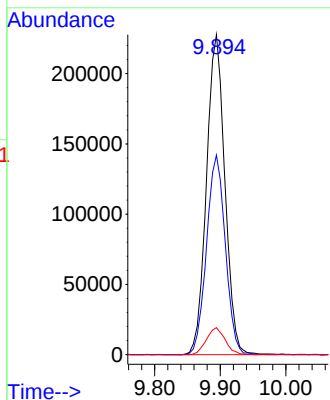
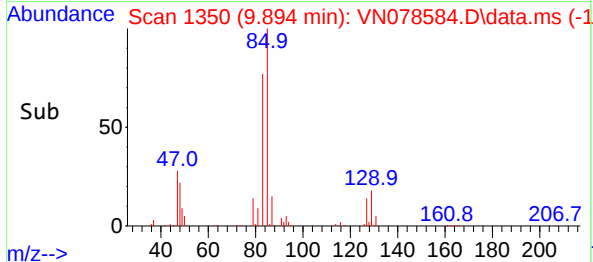
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



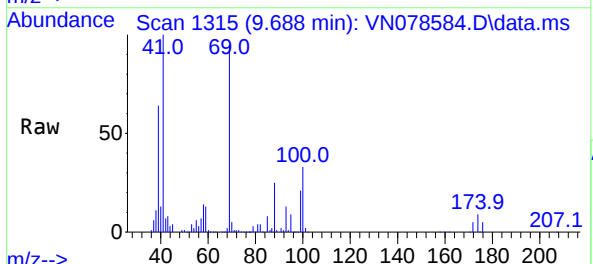
Tgt Ion: 83 Resp: 444480
Ion Ratio Lower Upper
83 100
85 62.4 49.6 74.4
127 8.4 7.0 10.6

Manual Integrations
APPROVED

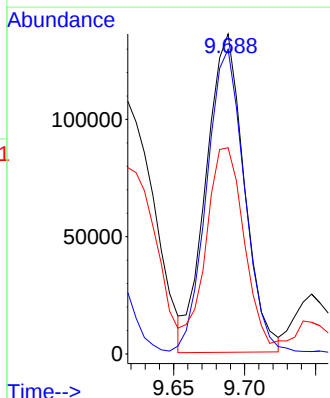
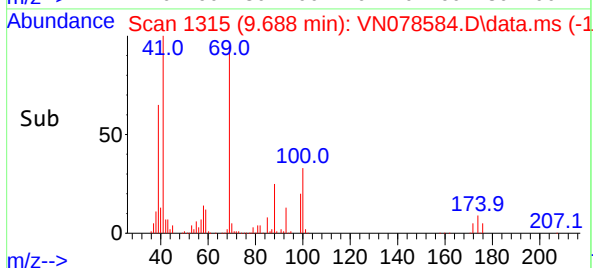
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

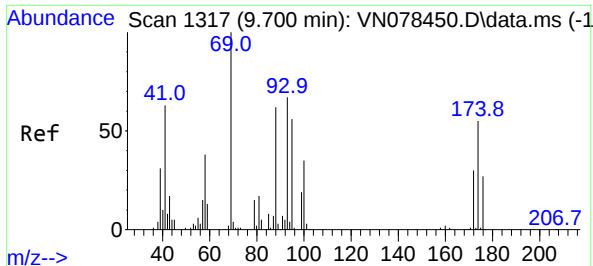


#48
Methyl methacrylate
Concen: 50.954 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



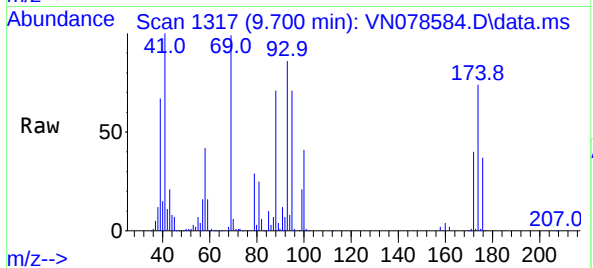
Tgt Ion: 41 Resp: 253589
Ion Ratio Lower Upper
41 100
69 96.4 90.4 135.6
39 66.8 54.6 81.8





#49
1,4-Dioxane
Concen: 918.883 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

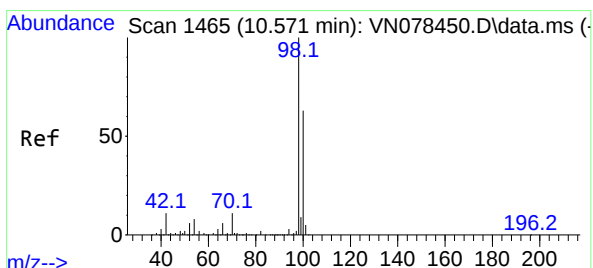
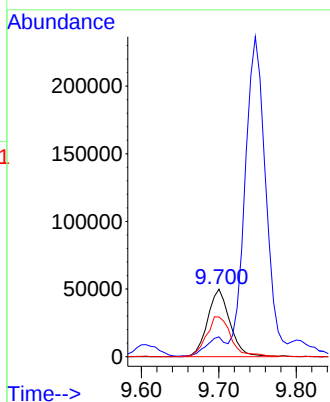
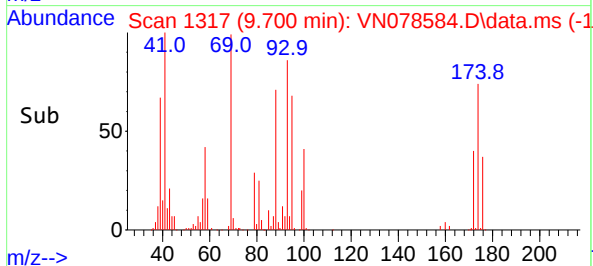
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 9973
Ion Ratio Lower Upper
88 100
43 25.4 17.0 25.6
58 65.9 47.0 70.4

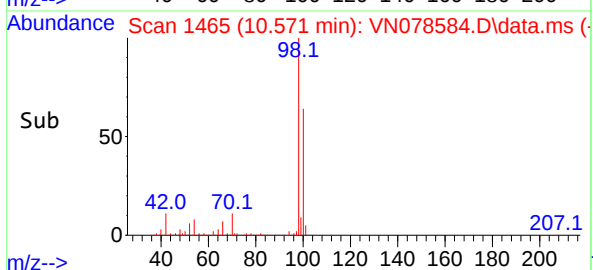
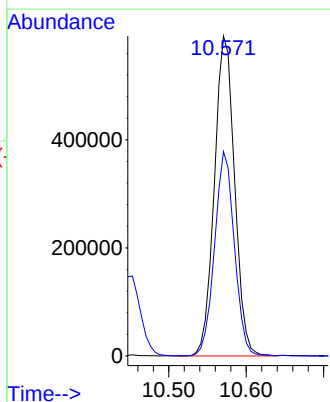
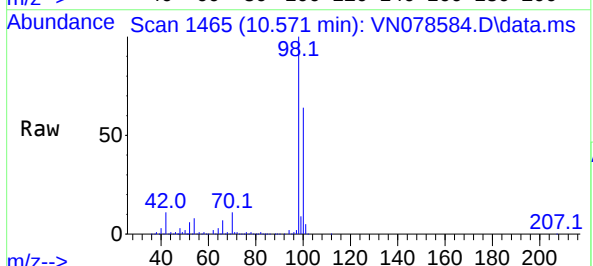
Manual Integrations
APPROVED

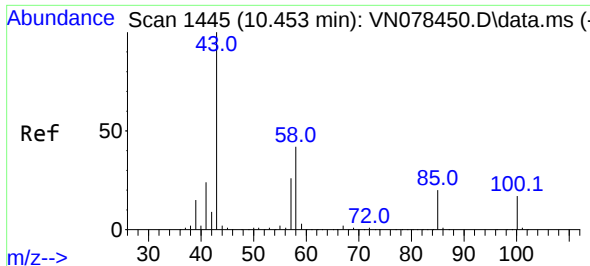
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#50
Toluene-d8
Concen: 52.618 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Tgt Ion: 98 Resp: 1077520
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0





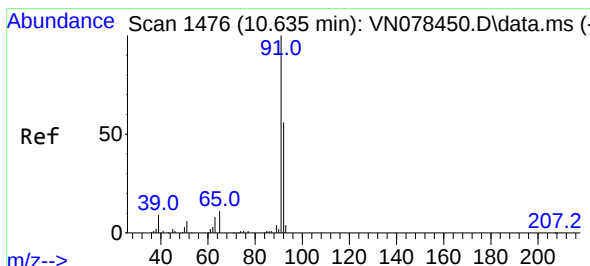
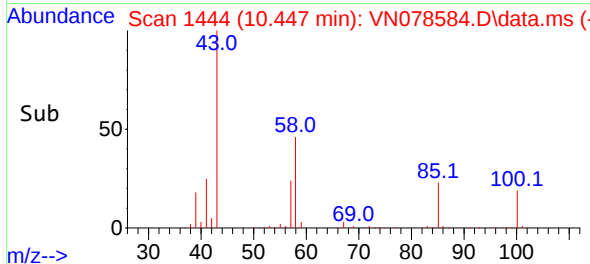
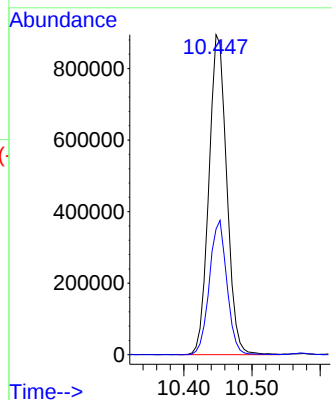
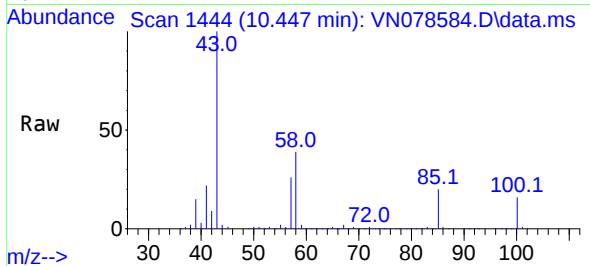
#51
4-Methyl-2-Pentanone
Concen: 255.214 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1630730
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

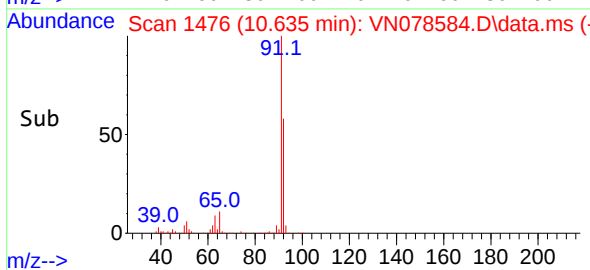
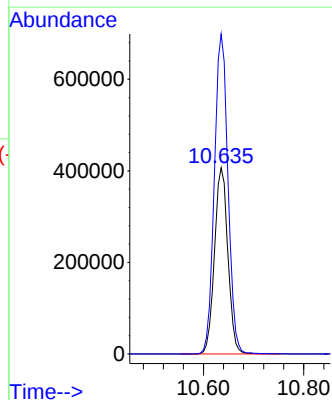
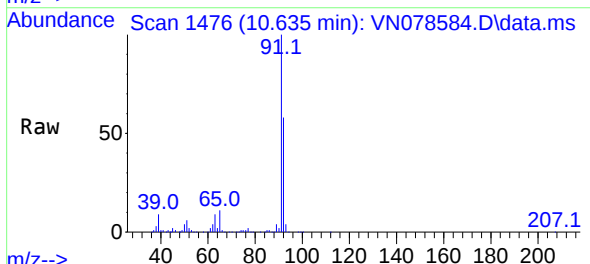
Manual Integrations
APPROVED

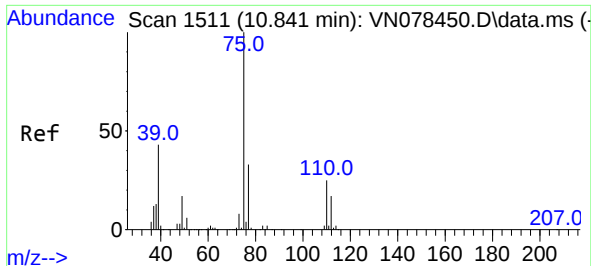
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#52
Toluene
Concen: 52.277 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

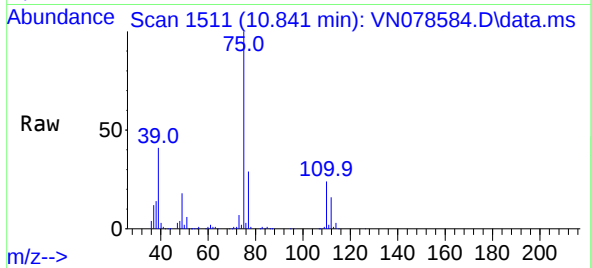
Tgt Ion: 92 Resp: 751305
Ion Ratio Lower Upper
92 100
91 174.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.711 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

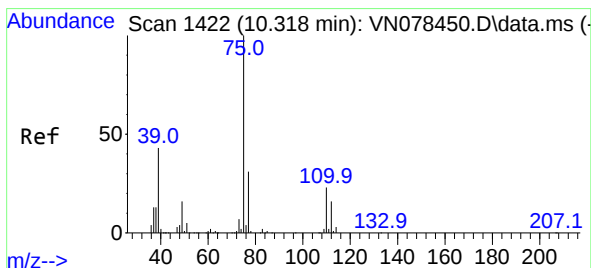
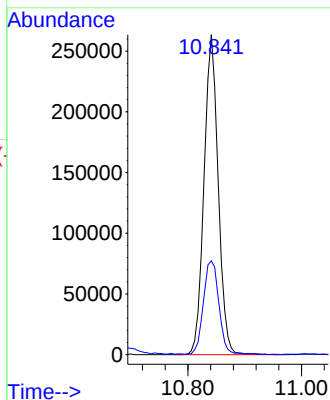
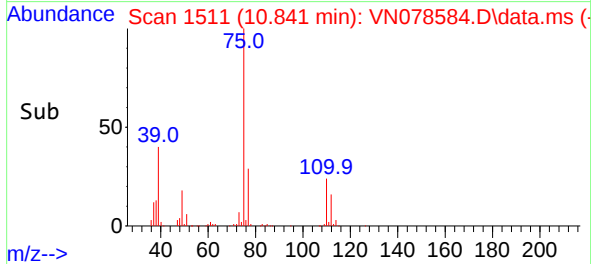
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



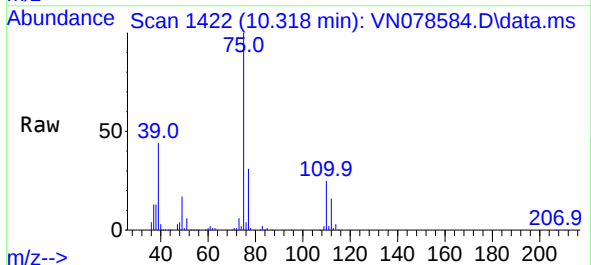
Tgt Ion: 75 Resp: 45594
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.0

Manual Integrations
APPROVED

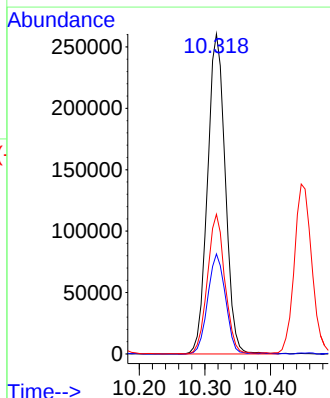
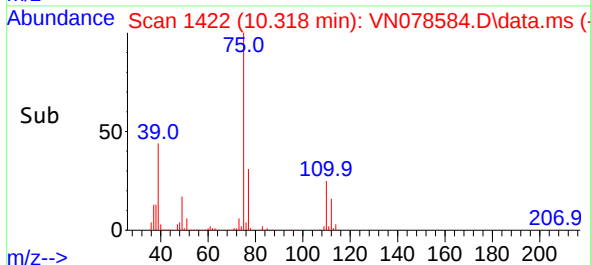
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

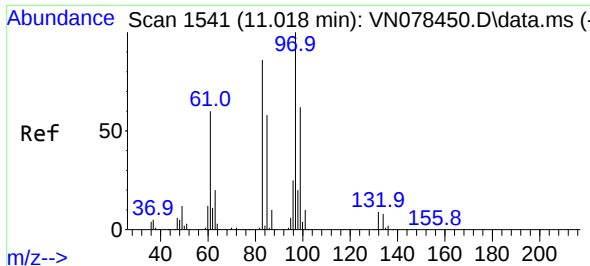


#54
cis-1,3-Dichloropropene
Concen: 54.087 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



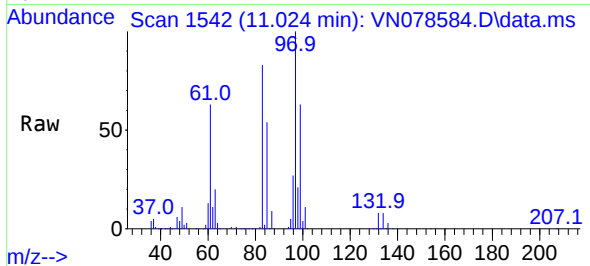
Tgt Ion: 75 Resp: 489414
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 43.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.420 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

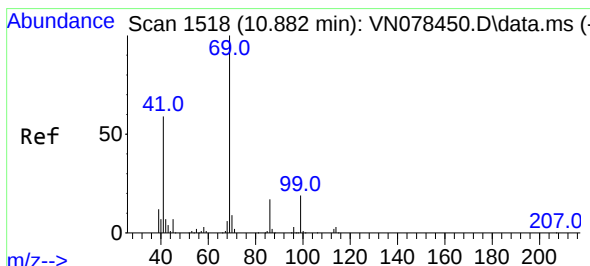
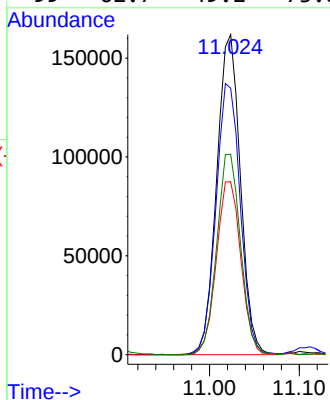
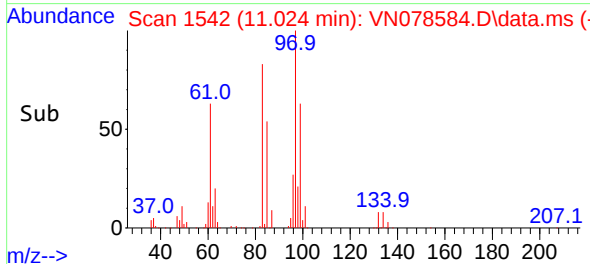
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



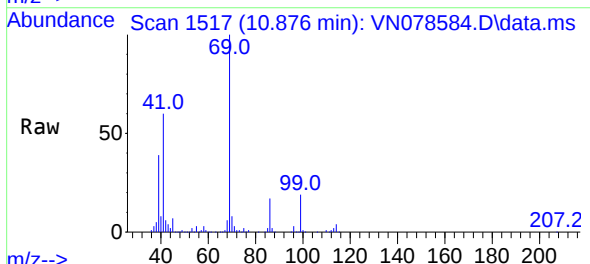
Tgt Ion: 97 Resp: 296823
Ion Ratio Lower Upper
97 100
83 83.2 65.1 97.7
85 54.1 43.4 65.2
99 62.7 49.2 73.8

Manual Integrations
APPROVED

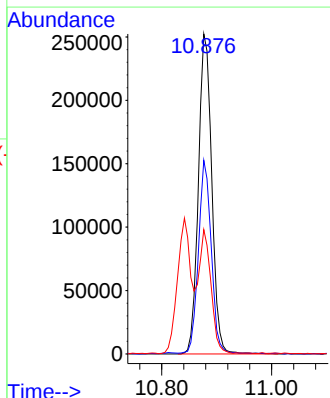
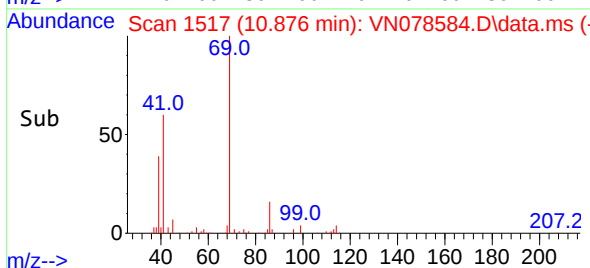
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

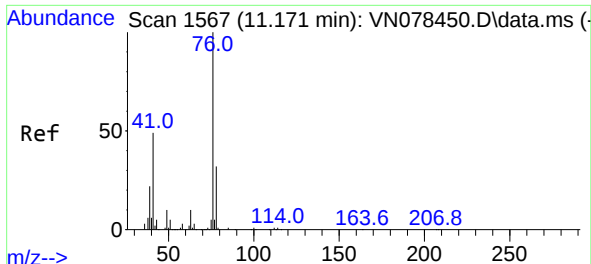


#56
Ethyl methacrylate
Concen: 53.920 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



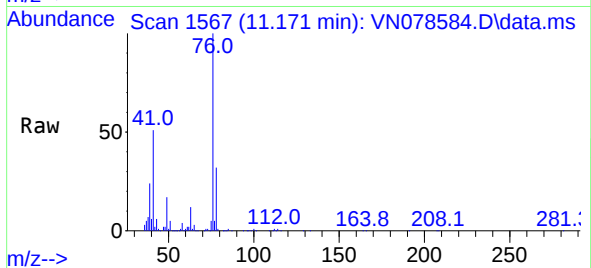
Tgt Ion: 69 Resp: 426798
Ion Ratio Lower Upper
69 100
41 58.0 39.6 59.4
39 35.5 28.6 43.0





#57
1,3-Dichloropropane
Concen: 50.845 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

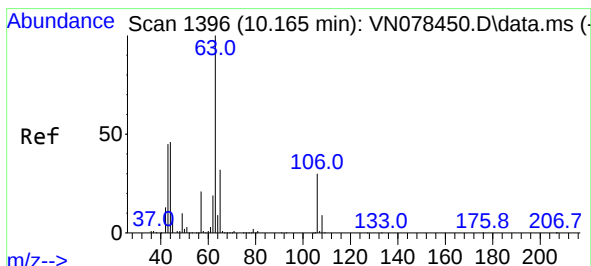
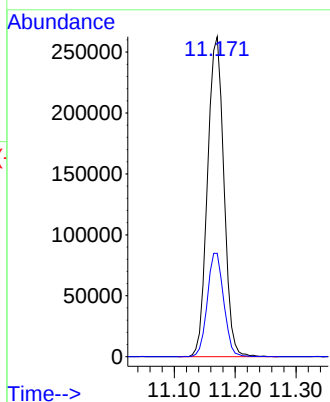
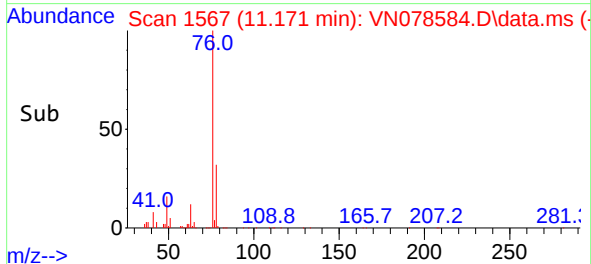
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



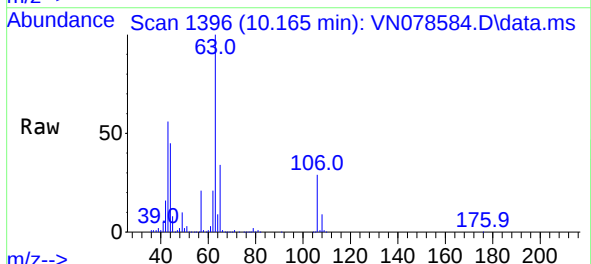
Tgt Ion: 76 Resp: 48952
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations
APPROVED

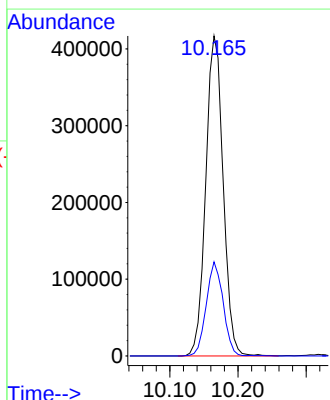
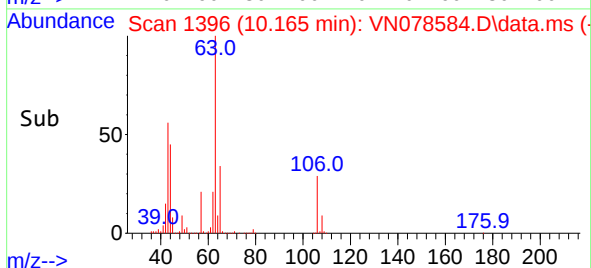
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

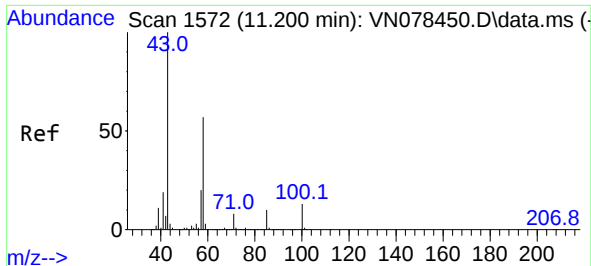


#58
2-Chloroethyl Vinyl ether
Concen: 262.630 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



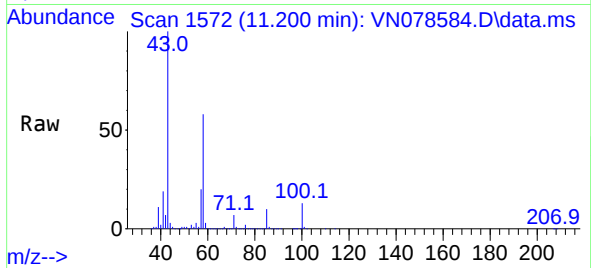
Tgt Ion: 63 Resp: 740836
Ion Ratio Lower Upper
63 100
106 28.4 26.2 39.4





#59
2-Hexanone
Concen: 251.351 ug/l
RT: 11.200 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

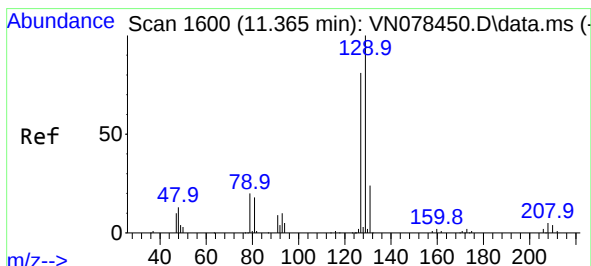
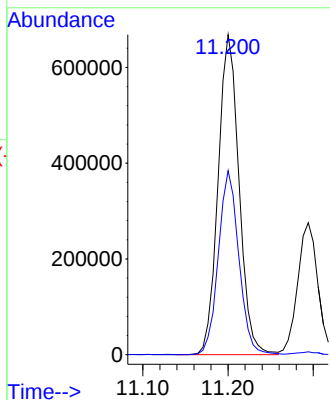
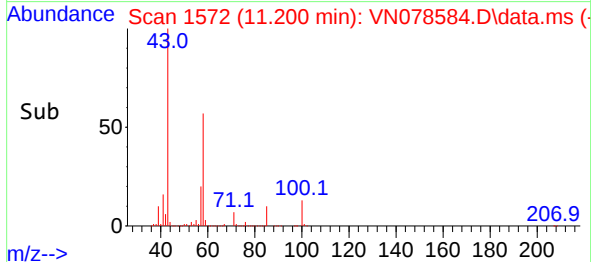
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1141438
Ion Ratio Lower Upper
43 100
58 56.2 31.7 95.1

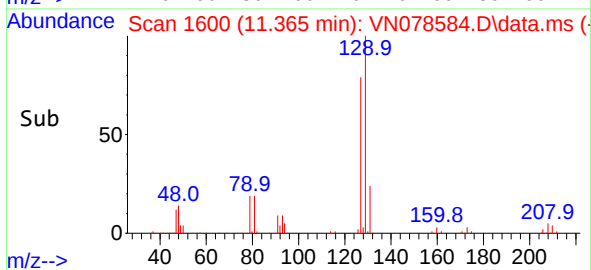
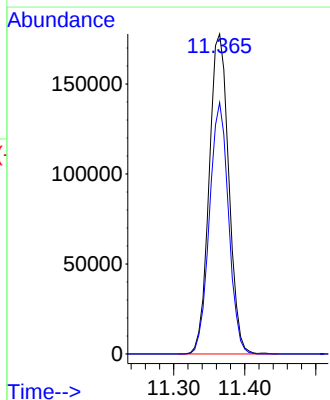
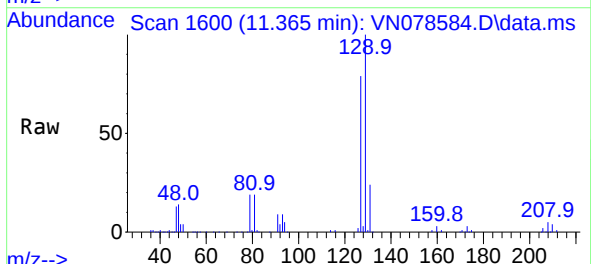
Manual Integrations
APPROVED

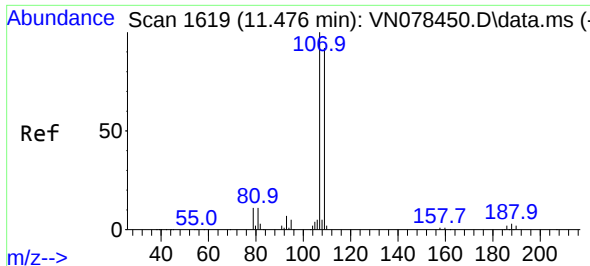
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#60
Dibromochloromethane
Concen: 54.386 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

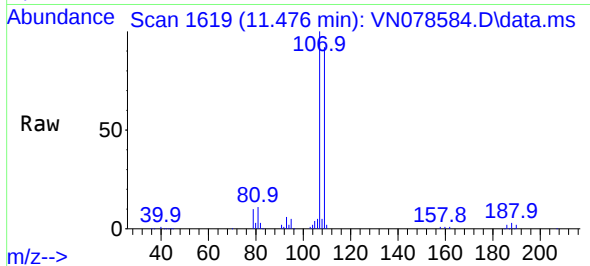
Tgt Ion:129 Resp: 339978
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.796 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

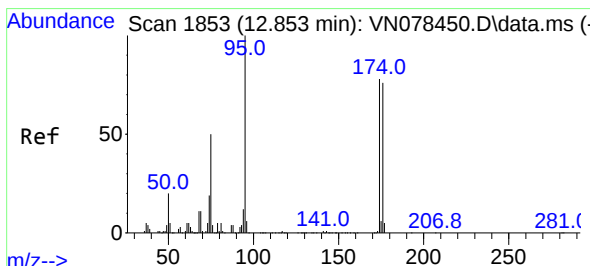
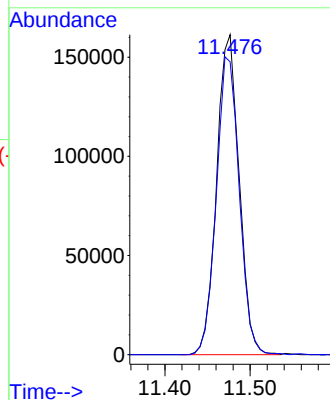
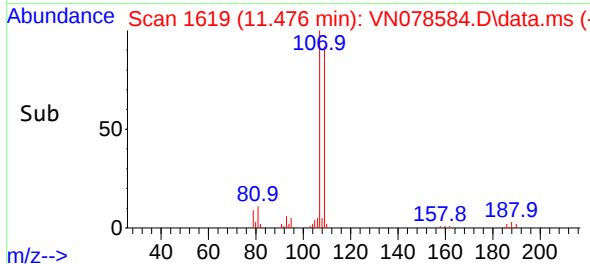
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



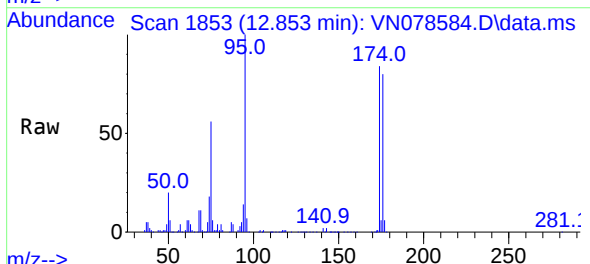
Tgt Ion:107 Resp: 296290
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8

Manual Integrations
APPROVED

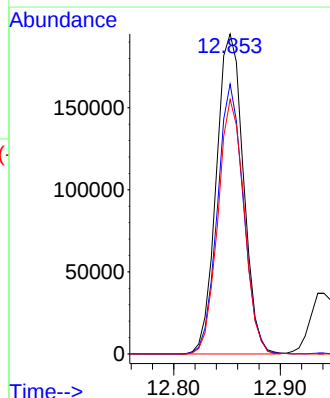
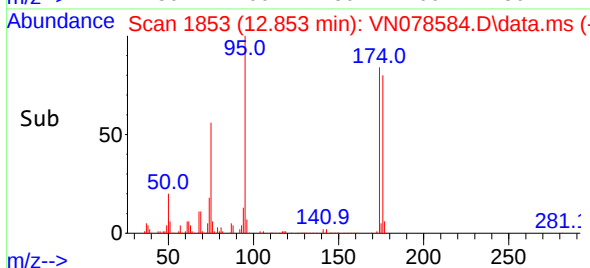
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

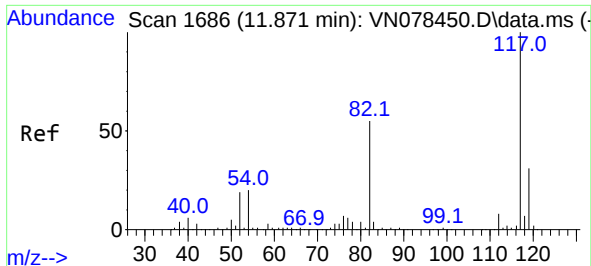


#62
4-Bromofluorobenzene
Concen: 54.440 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



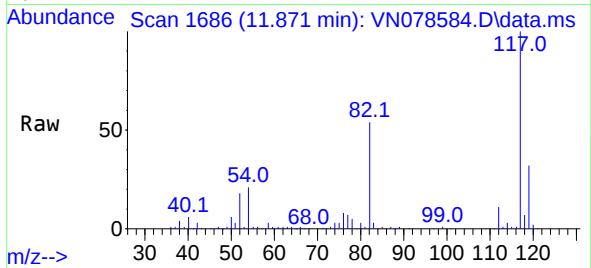
Tgt Ion: 95 Resp: 343393
Ion Ratio Lower Upper
95 100
174 80.9 0.0 143.8
176 76.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

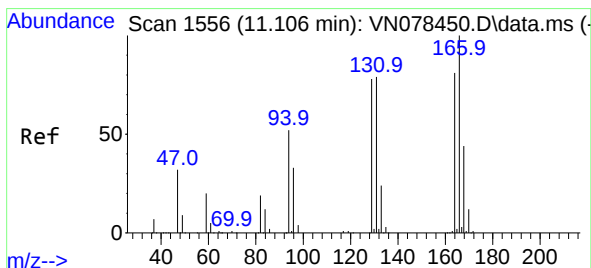
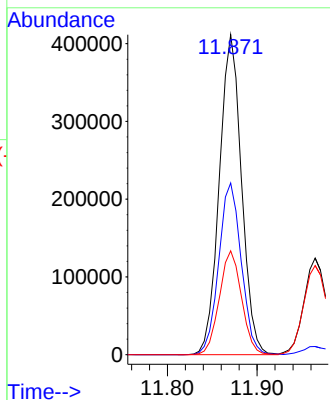
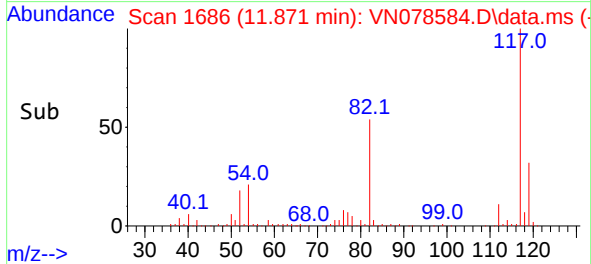
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



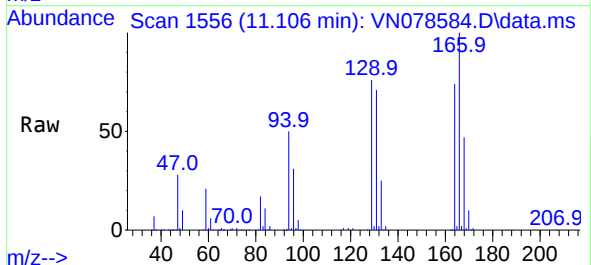
Tgt Ion:117 Resp: 707659
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 32.5 25.6 38.4

Manual Integrations
APPROVED

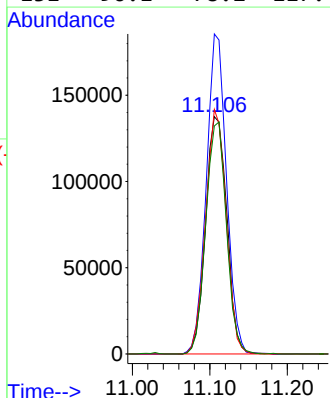
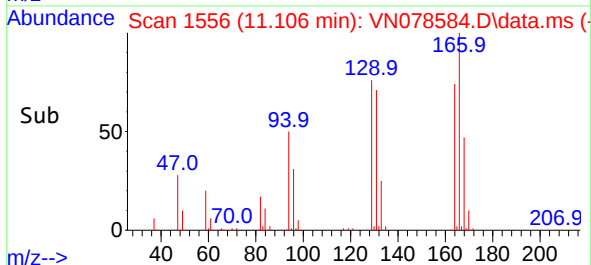
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

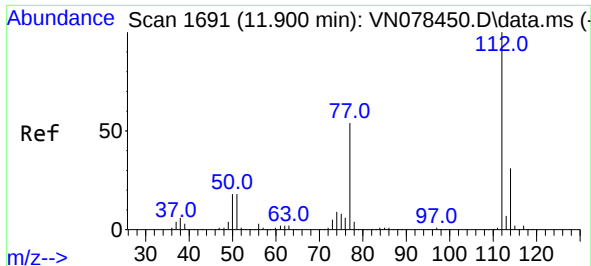


#64
Tetrachloroethene
Concen: 49.159 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



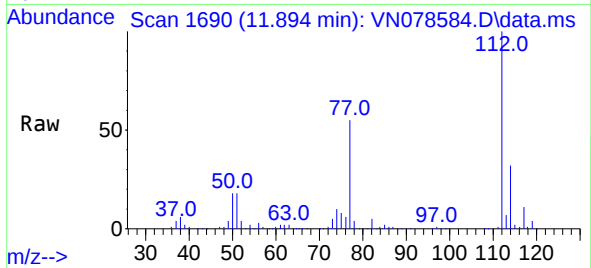
Tgt Ion:164 Resp: 261542
Ion Ratio Lower Upper
164 100
166 134.9 101.4 152.0
129 103.1 82.4 123.6
131 96.1 78.2 117.4





#65
Chlorobenzene
Concen: 51.187 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

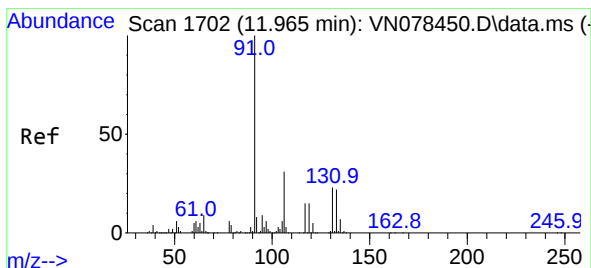
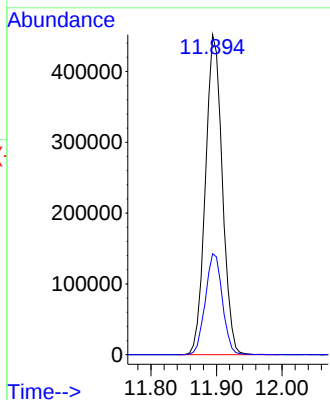
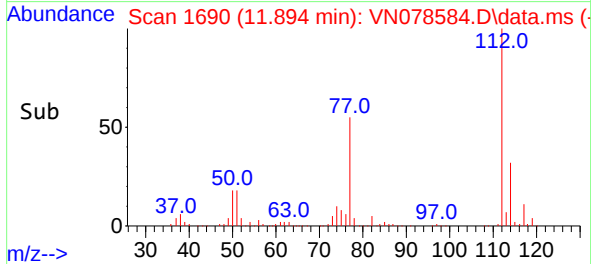
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 80966
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

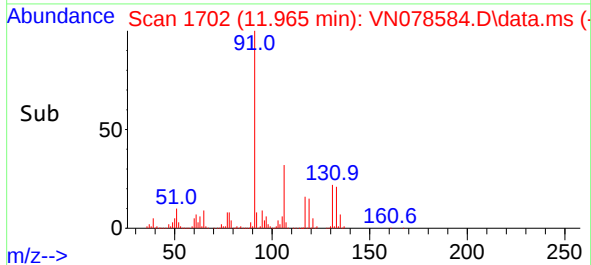
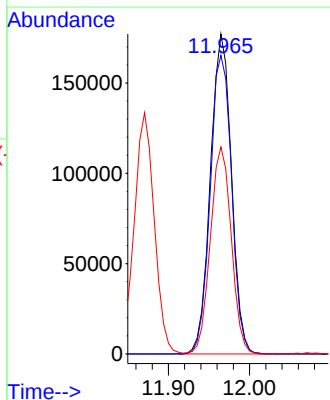
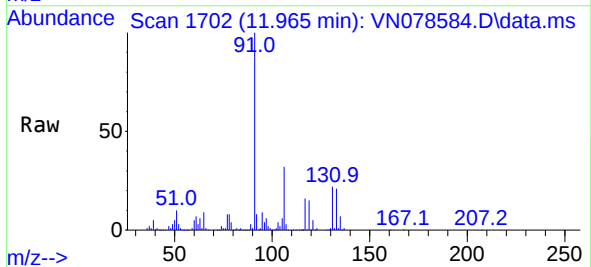
Manual Integrations
APPROVED

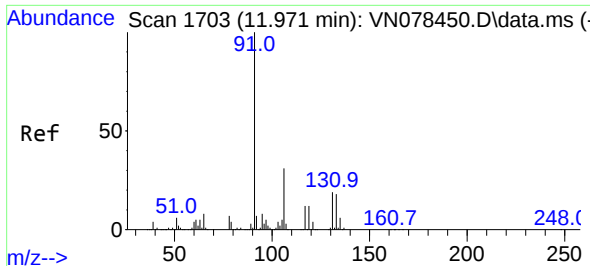
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.366 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

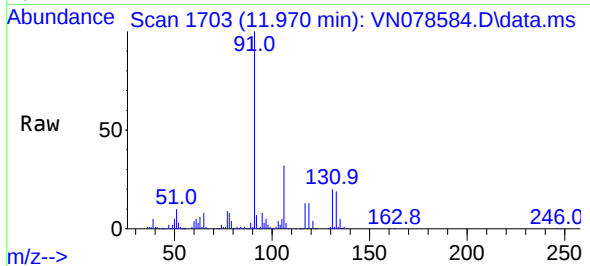
Tgt Ion:131 Resp: 318654
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 64.4 34.1 102.2





#67
Ethyl Benzene
Concen: 52.519 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

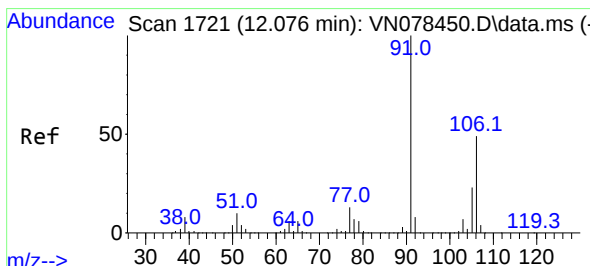
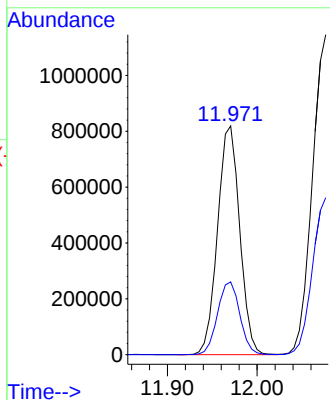
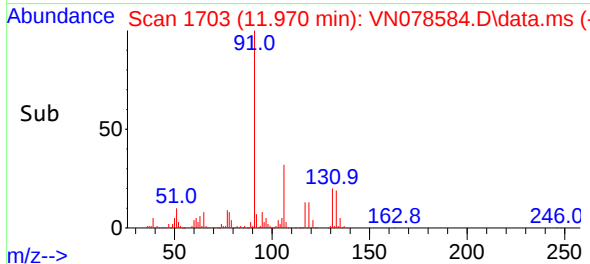
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



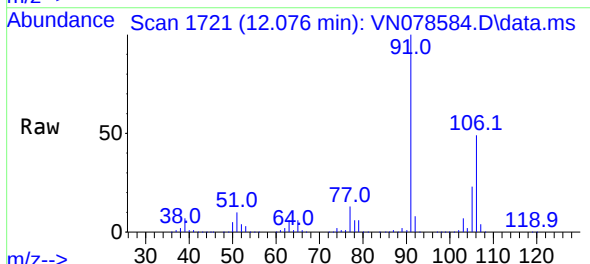
Tgt Ion: 91 Resp: 1404209
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

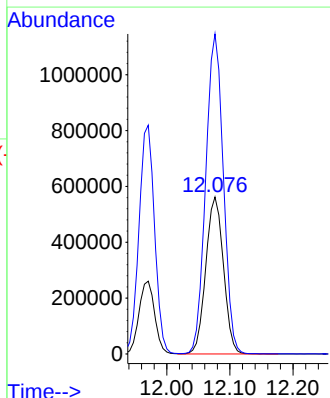
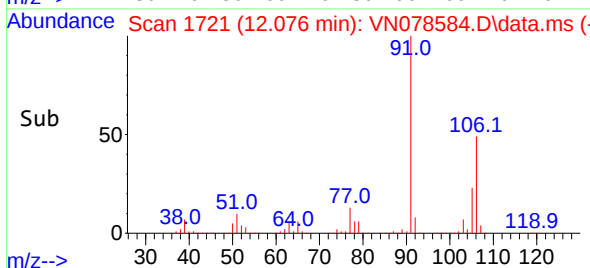
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

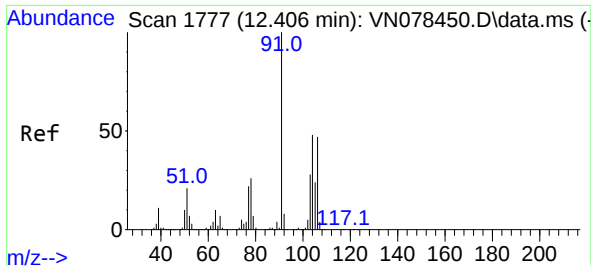


#68
m/p-Xylenes
Concen: 110.230 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



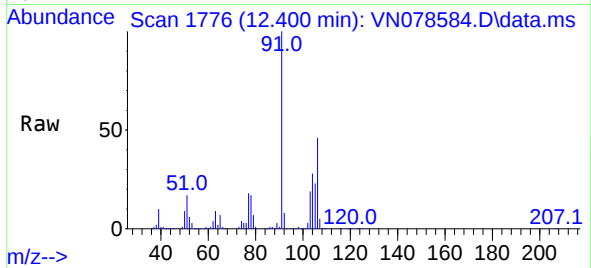
Tgt Ion:106 Resp: 1089692
Ion Ratio Lower Upper
106 100
91 203.1 159.6 239.4





#69
o-Xylene
Concen: 52.733 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

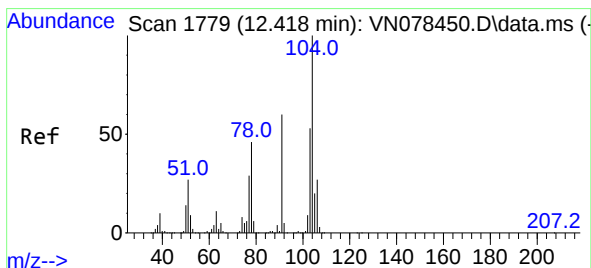
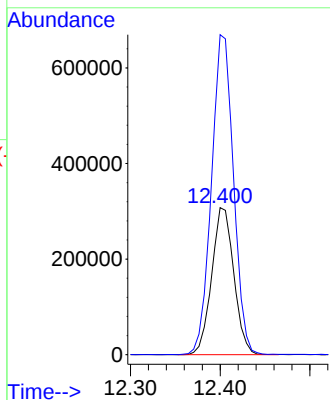
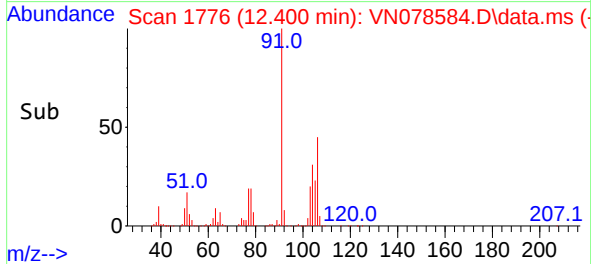
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 526540
Ion Ratio Lower Upper
106 100
91 217.0 105.2 315.5

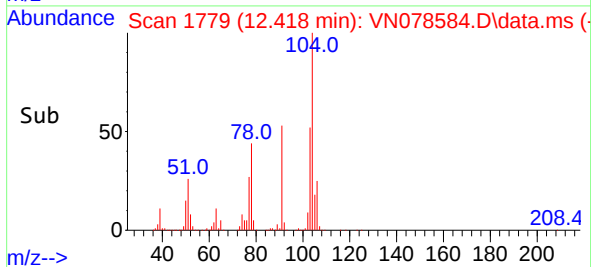
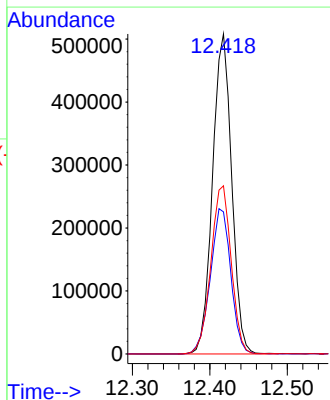
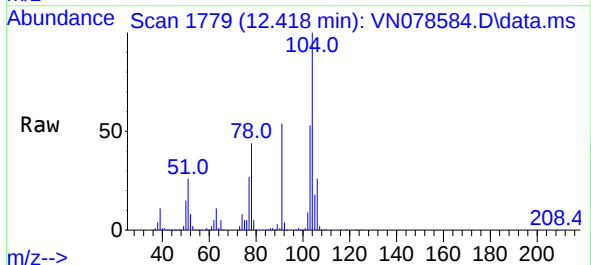
Manual Integrations
APPROVED

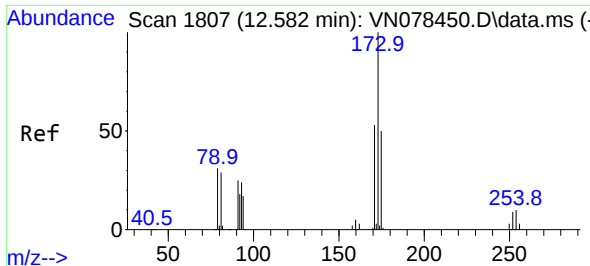
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#70
Styrene
Concen: 55.784 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

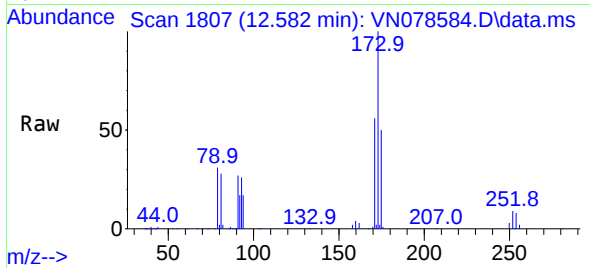
Tgt Ion:104 Resp: 871408
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 52.671 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

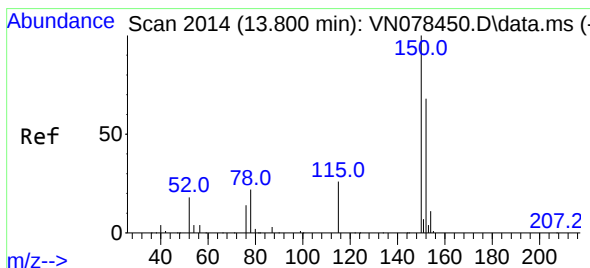
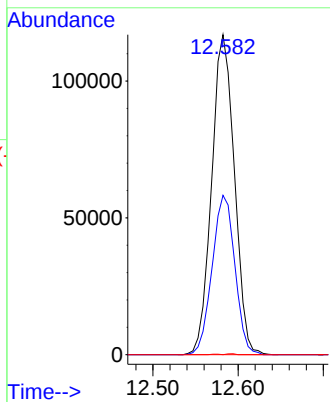
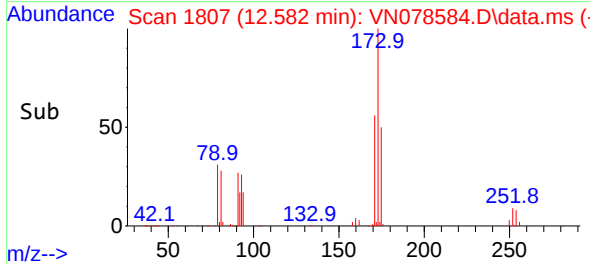
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



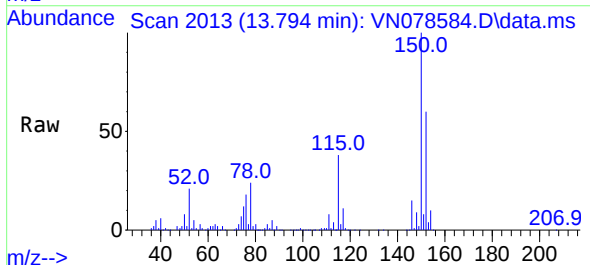
Tgt Ion:173 Resp: 217065
Ion Ratio Lower Upper
173 100
175 49.8 24.3 73.0
254 0.2 0.0 0.0

Manual Integrations
APPROVED

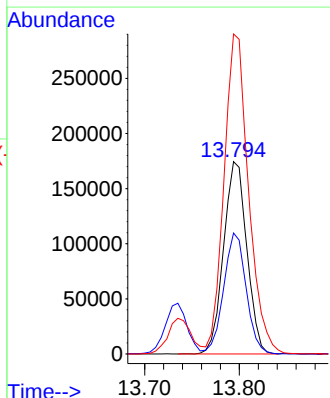
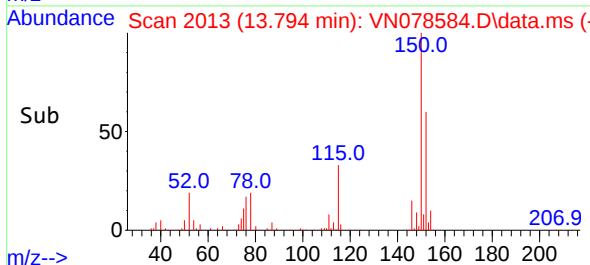
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

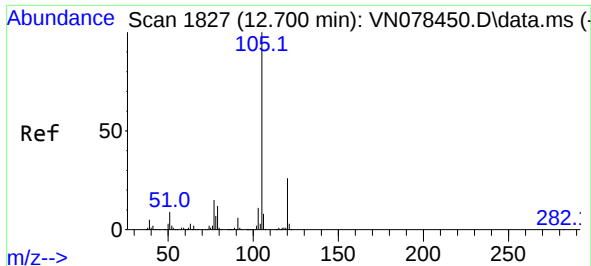


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



Tgt Ion:152 Resp: 297242
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 175.7 0.0 355.8





#73
Isopropylbenzene
Concen: 47.683 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

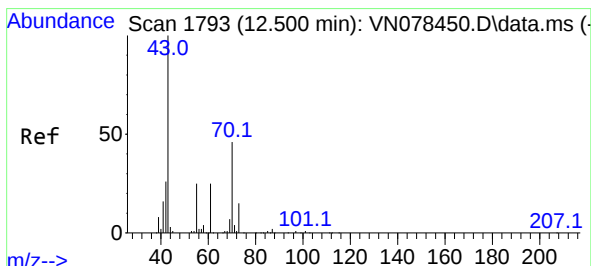
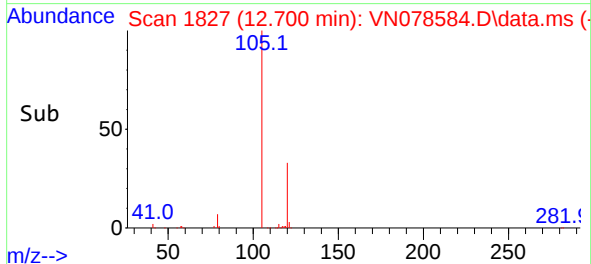
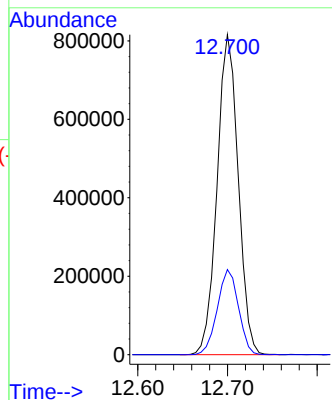
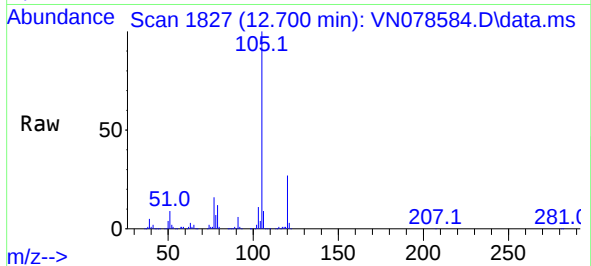
VSTDCCC050

Tgt Ion:105 Resp: 1331799
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations

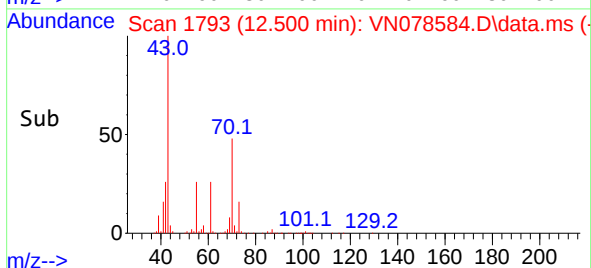
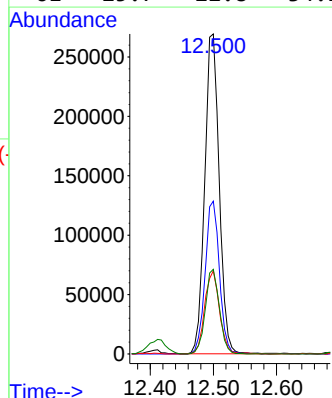
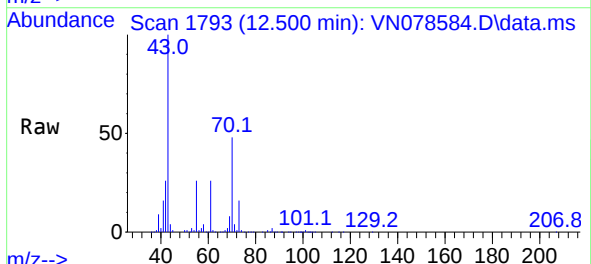
APPROVED

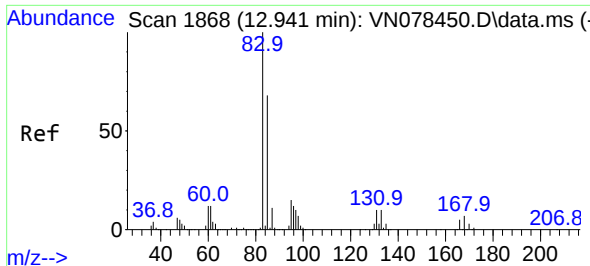
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#74
N-ethyl acetate
Concen: 44.441 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

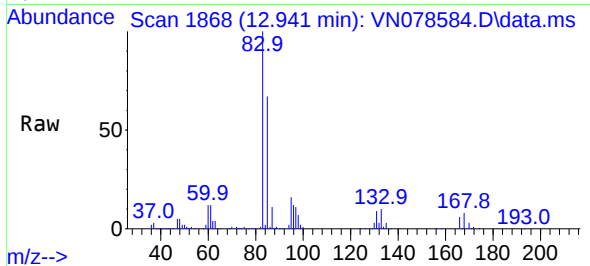
Tgt Ion: 43 Resp: 427752
Ion Ratio Lower Upper
43 100
70 47.0 43.4 65.2
55 26.4 21.4 32.0
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.938 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

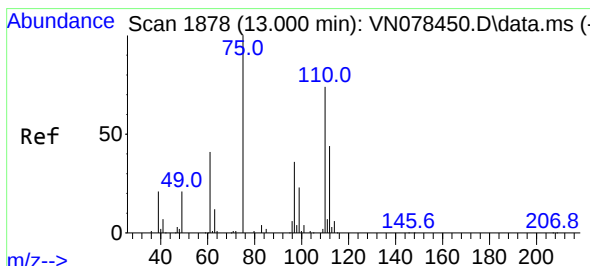
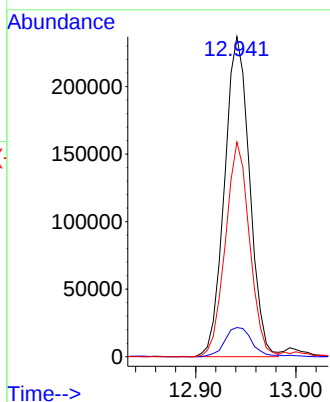
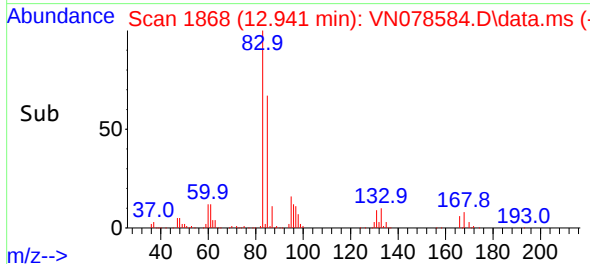
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



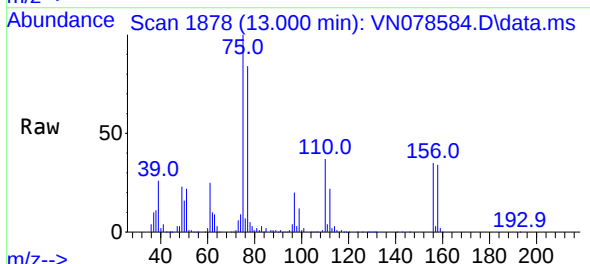
Tgt Ion: 83 Resp: 411549
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.6 31.9 95.7

Manual Integrations
APPROVED

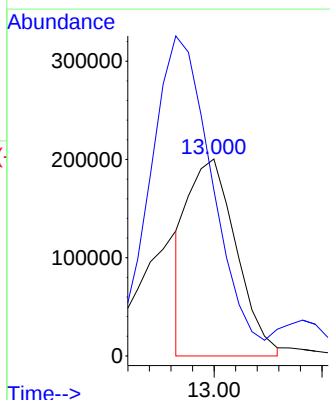
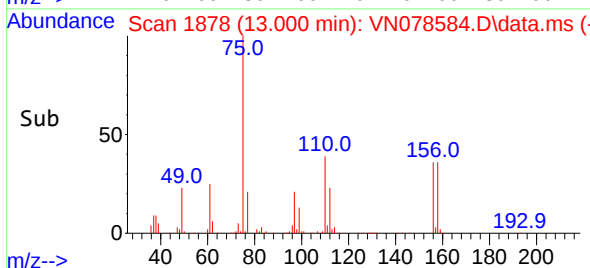
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

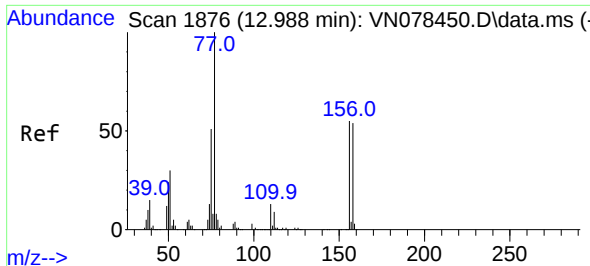


#76
1,2,3-Trichloropropane
Concen: 43.337 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



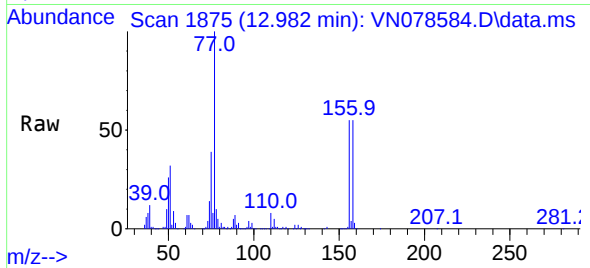
Tgt Ion: 75 Resp: 311360
Ion Ratio Lower Upper
75 100
77 211.1 84.5 253.5





#77
Bromobenzene
Concen: 52.198 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

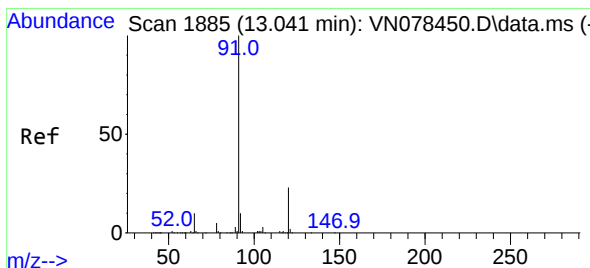
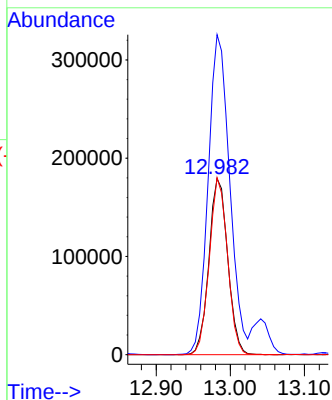
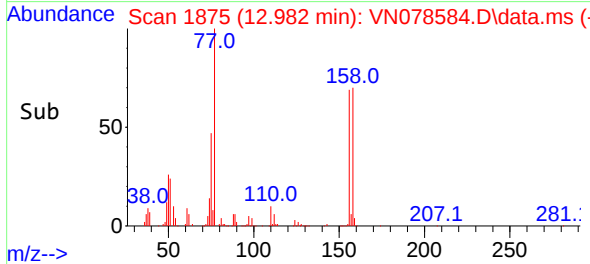
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



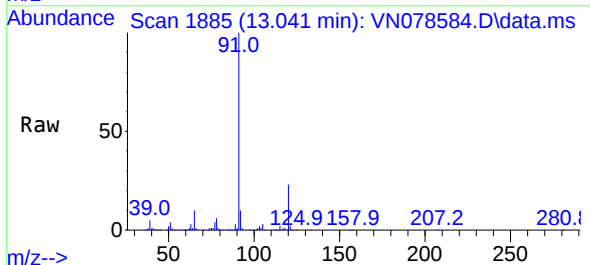
Tgt Ion:156 Resp: 31663
Ion Ratio Lower Upper
156 100
77 207.5 107.7 323.3
158 97.0 48.4 145.3

Manual Integrations
APPROVED

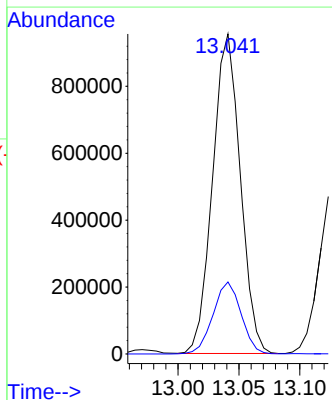
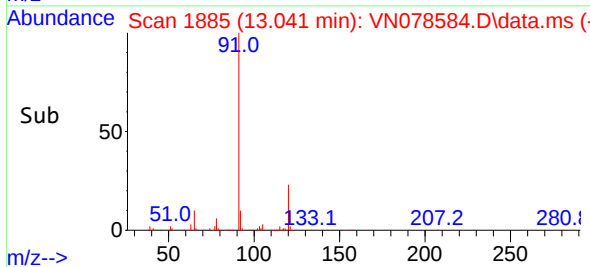
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

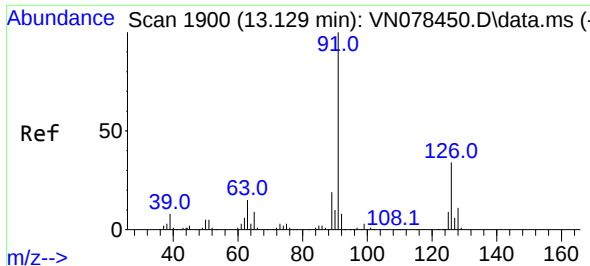


#78
n-propylbenzene
Concen: 50.631 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



Tgt Ion: 91 Resp: 1512323
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





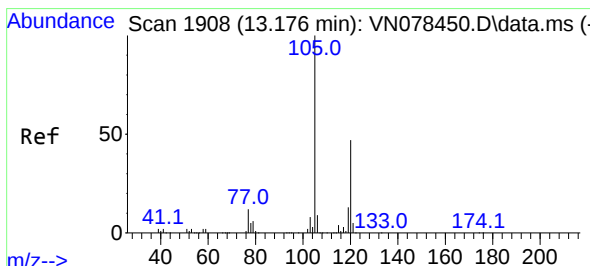
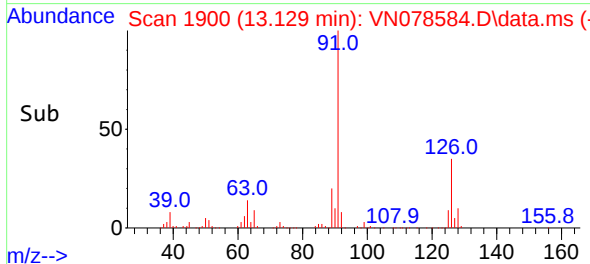
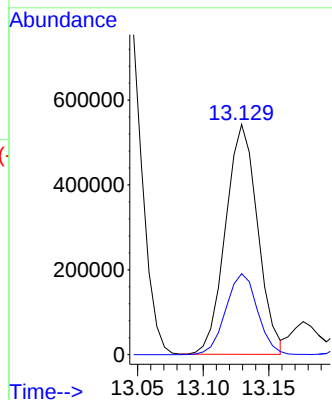
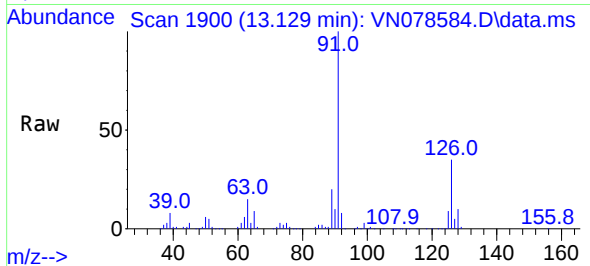
#79
2-Chlorotoluene
Concen: 47.286 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 92515
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

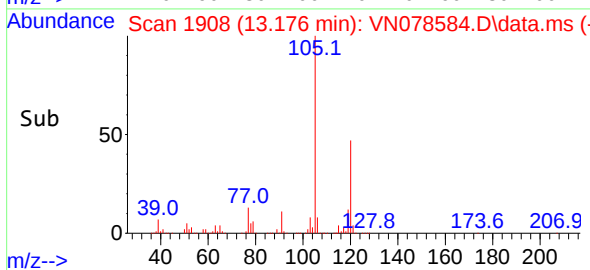
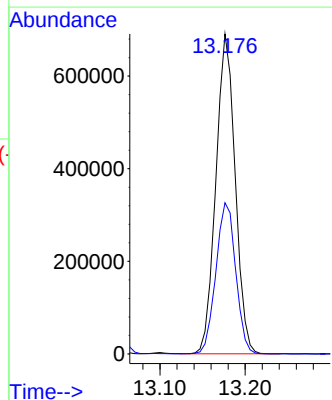
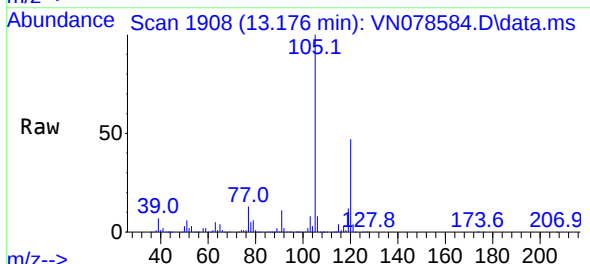
Manual Integrations
APPROVED

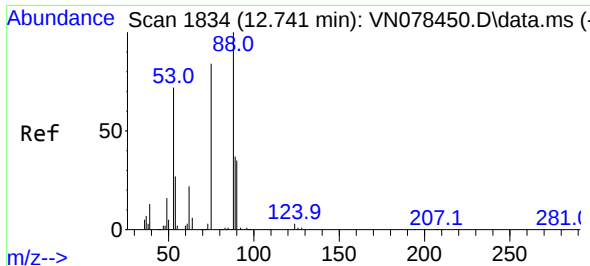
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.196 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

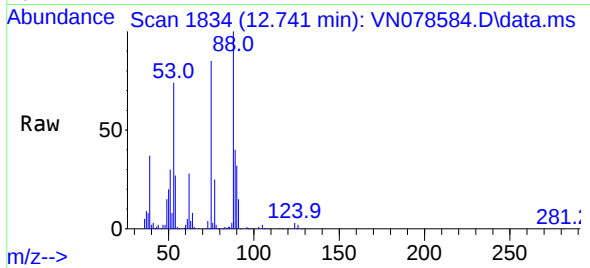
Tgt Ion:105 Resp: 1085677
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.424 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

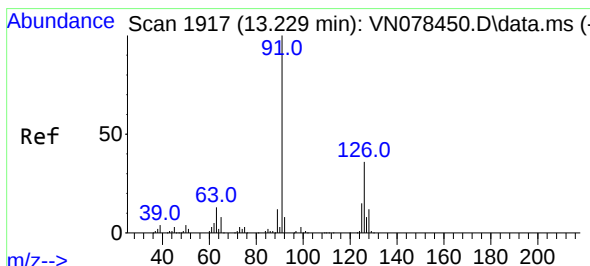
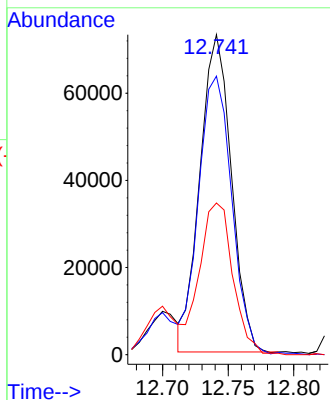
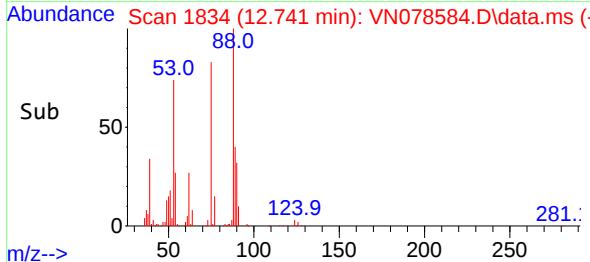
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 121460
Ion Ratio Lower Upper
75 100
53 93.8 67.4 101.2
89 49.7 38.8 58.2

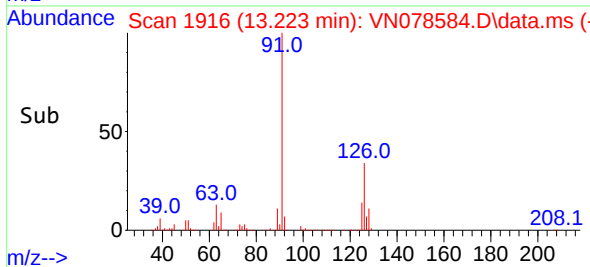
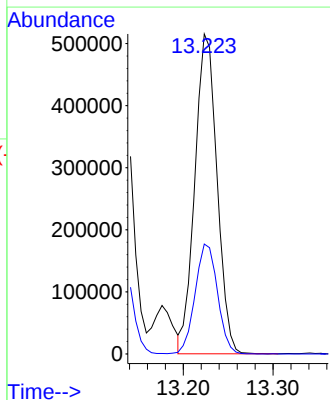
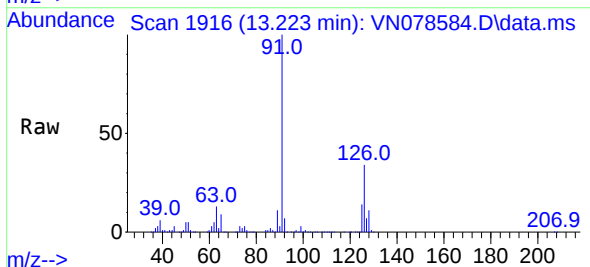
Manual Integrations
APPROVED

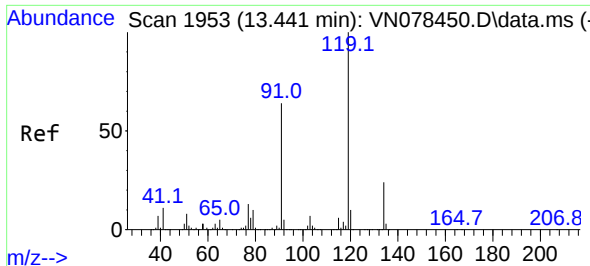
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#82
4-Chlorotoluene
Concen: 48.412 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Tgt Ion: 91 Resp: 883601
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





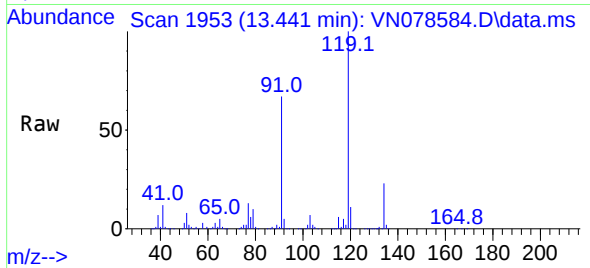
#83
tert-Butylbenzene
Concen: 49.153 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



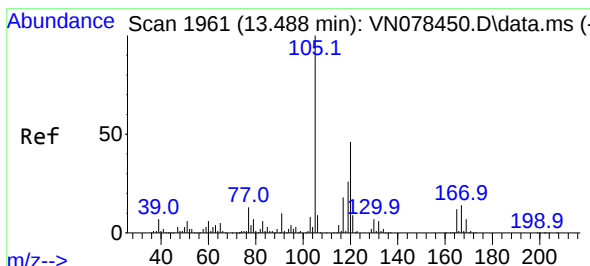
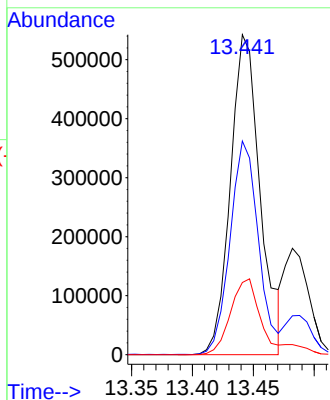
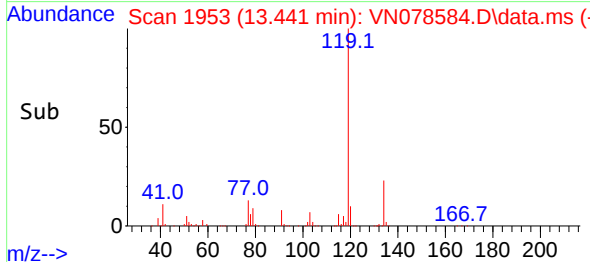
Tgt Ion:119 Resp: 920948
Ion Ratio Lower Upper
119 100
91 63.9 33.9 101.7
134 25.7 13.2 39.6

Manual Integrations

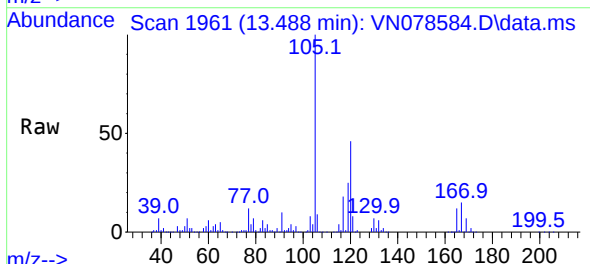
APPROVED

Reviewed By :John Carlone 07/21/2023

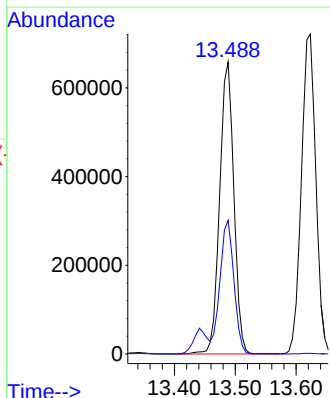
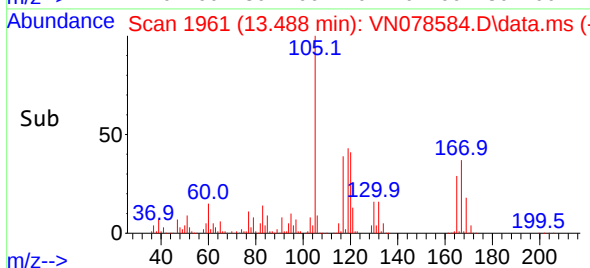
Supervised By :Mahesh Dadoda 07/21/2023

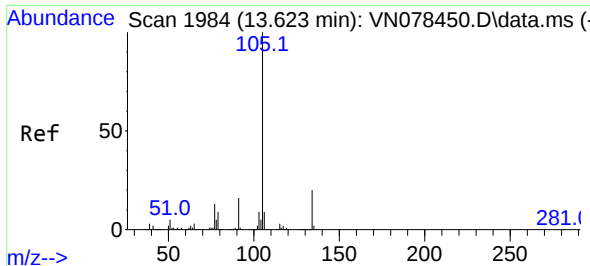


#84
1,2,4-Trimethylbenzene
Concen: 49.653 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



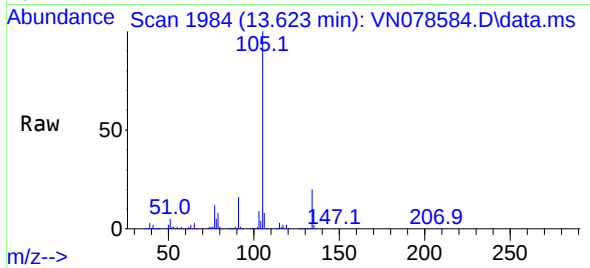
Tgt Ion:105 Resp: 1064333
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.014 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078584.D
 Acq: 20 Jul 2023 10:36

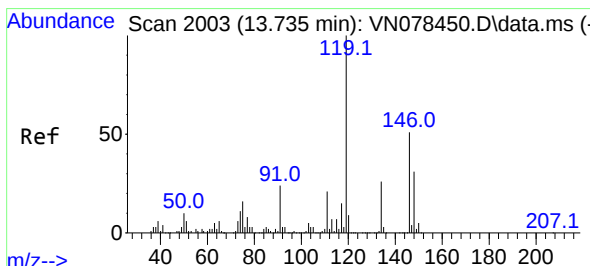
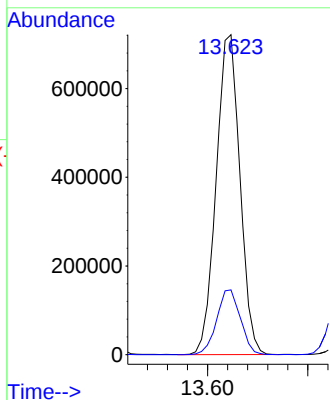
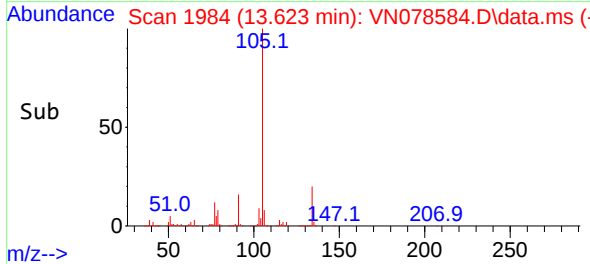
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



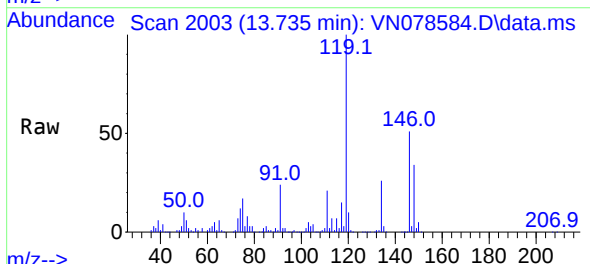
Tgt Ion:105 Resp: 1184440
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

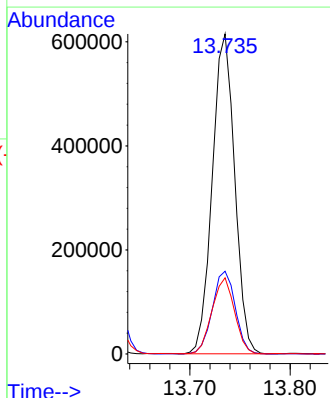
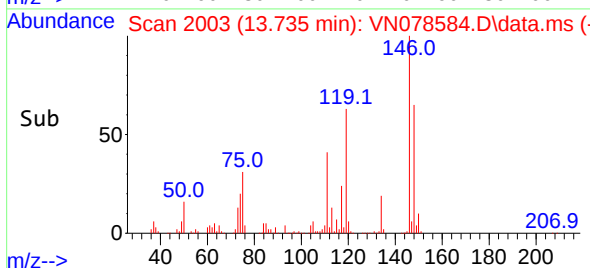
Reviewed By :John Carlone 07/21/2023
 Supervised By :Mahesh Dadoda 07/21/2023

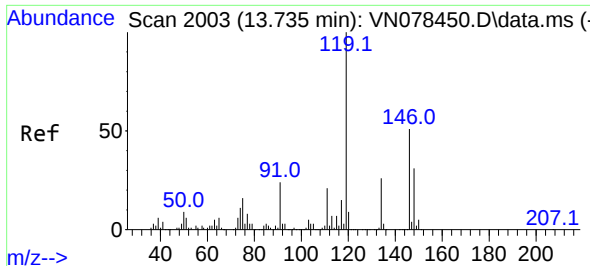


#86
 p-Isopropyltoluene
 Concen: 50.203 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078584.D
 Acq: 20 Jul 2023 10:36



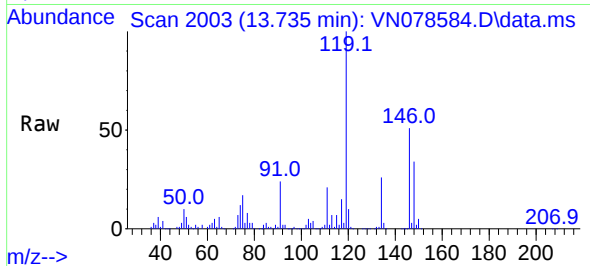
Tgt Ion:119 Resp: 954663
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 23.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.278 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

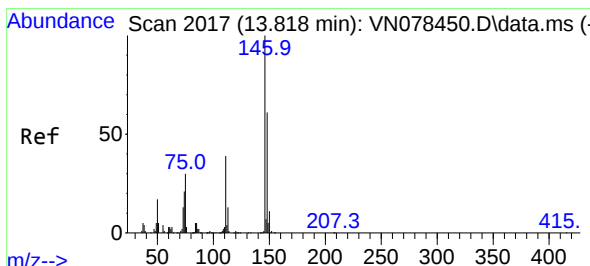
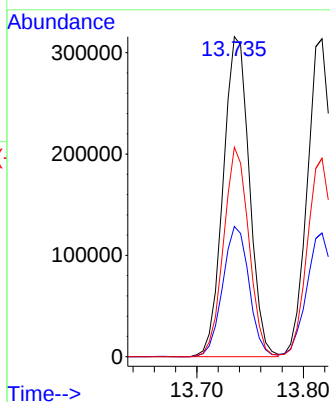
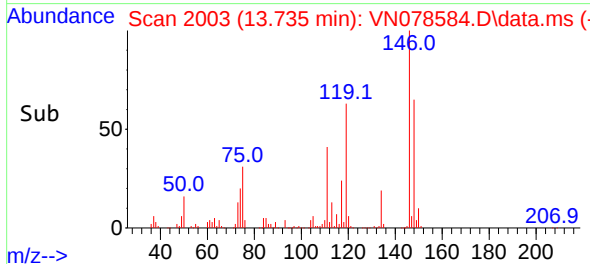
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



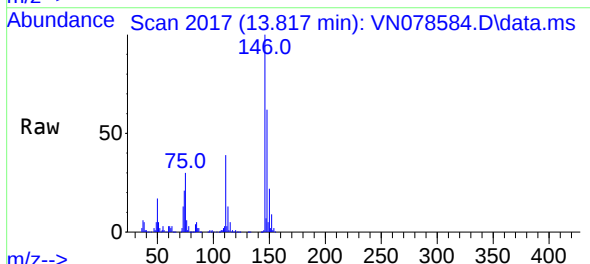
Tgt Ion:146 Resp: 539088
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 63.2 32.0 96.0

Manual Integrations
APPROVED

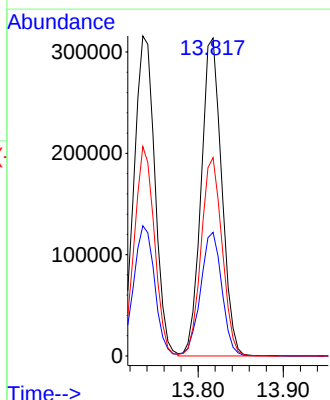
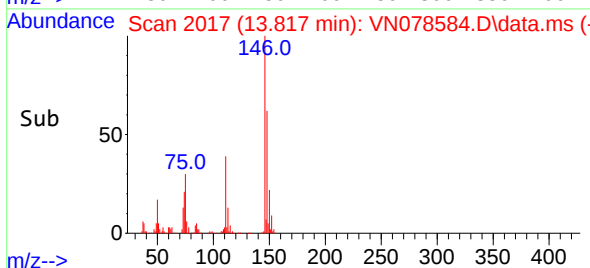
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

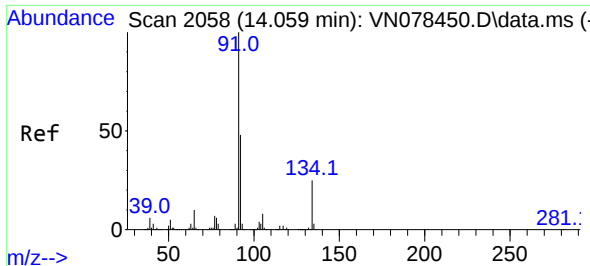


#88
1,4-Dichlorobenzene
Concen: 48.682 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



Tgt Ion:146 Resp: 525769
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.8
148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 53.271 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

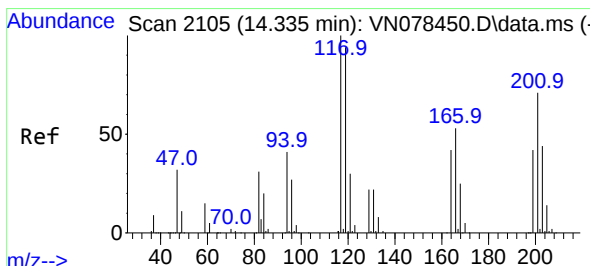
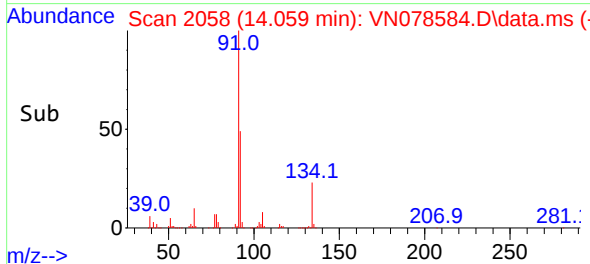
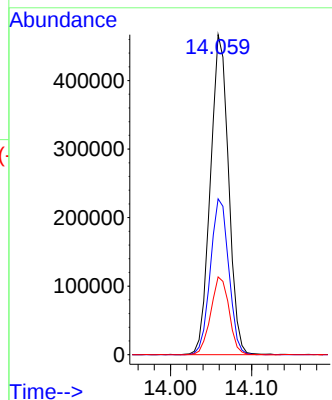
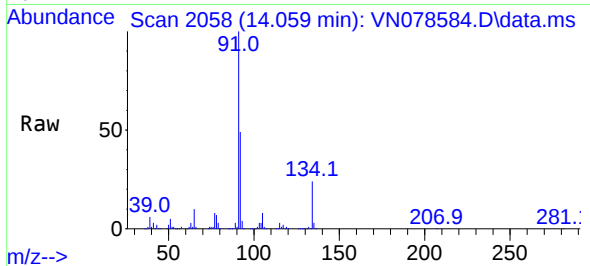
VSTDCCC050

Tgt Ion: 91 Resp: 724810
Ion Ratio Lower Upper
91 100
92 49.3 26.4 79.0
134 24.5 12.6 37.6

Manual Integrations

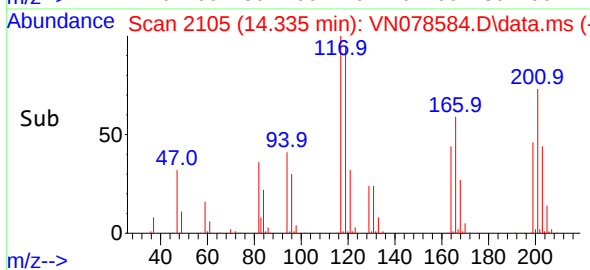
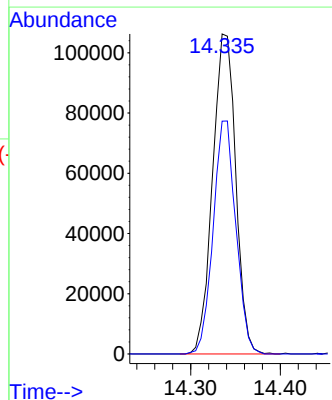
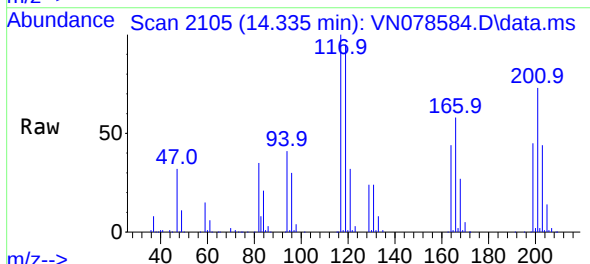
APPROVED

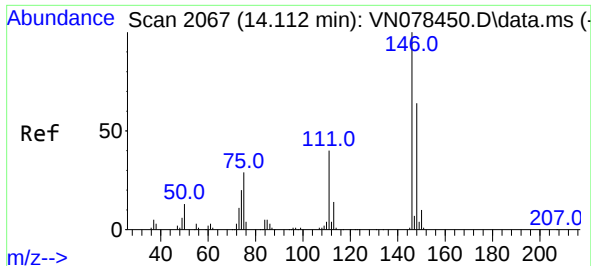
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#90
Hexachloroethane
Concen: 54.587 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

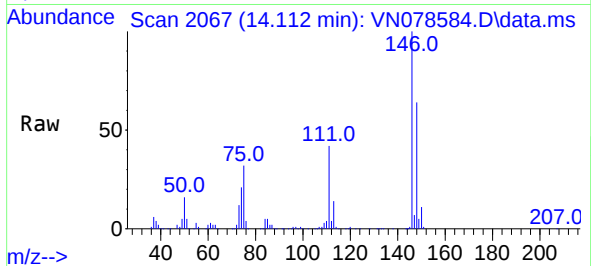
Tgt Ion:117 Resp: 190527
Ion Ratio Lower Upper
117 100
201 71.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.035 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

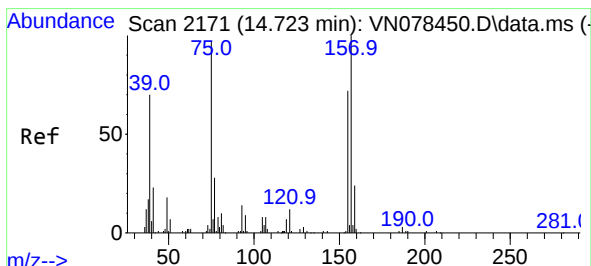
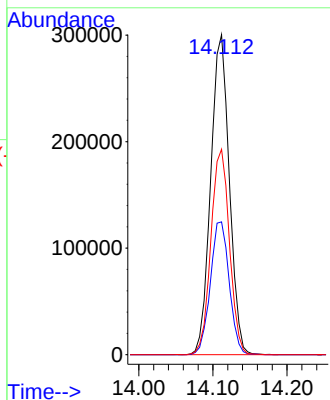
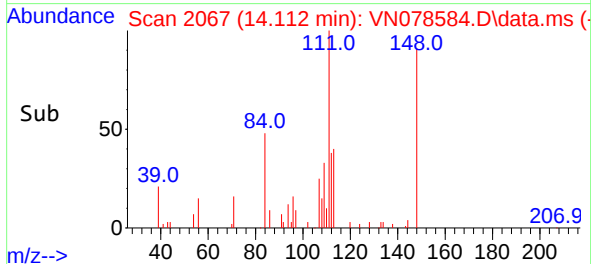
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



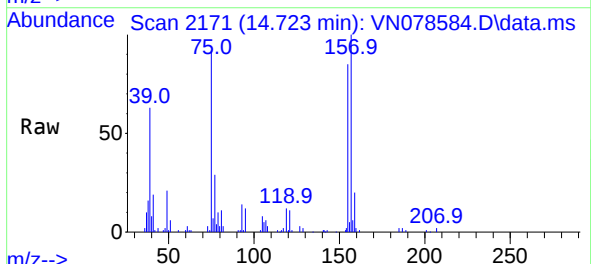
Tgt Ion:146 Resp: 52323
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 64.0 31.8 95.3

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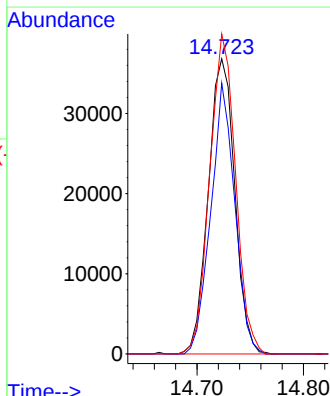
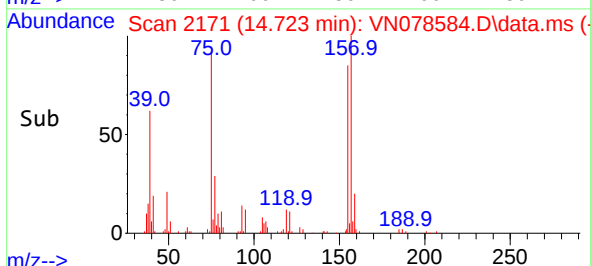
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

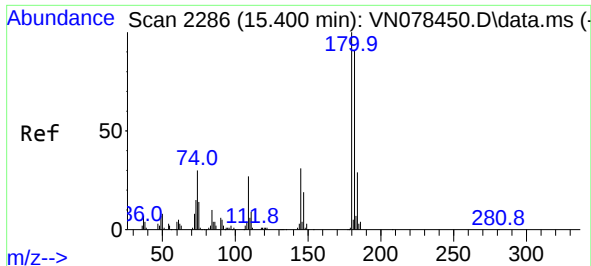


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.369 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



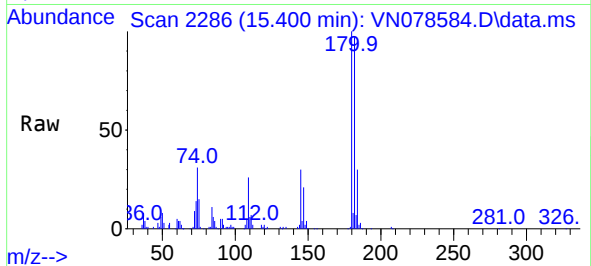
Tgt Ion: 75 Resp: 63473
Ion Ratio Lower Upper
75 100
155 83.2 39.1 117.2
157 106.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 47.566 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

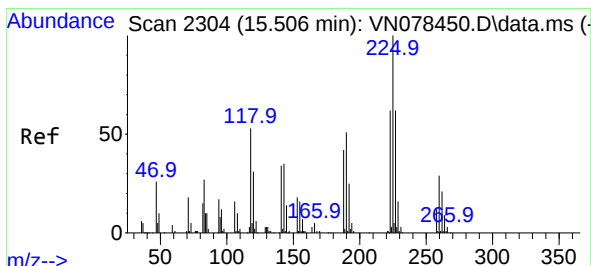
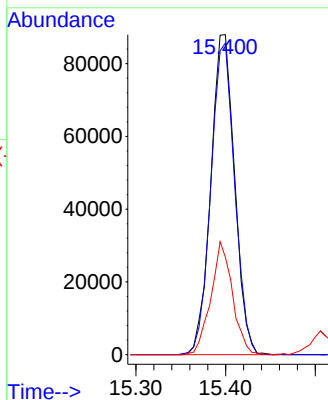
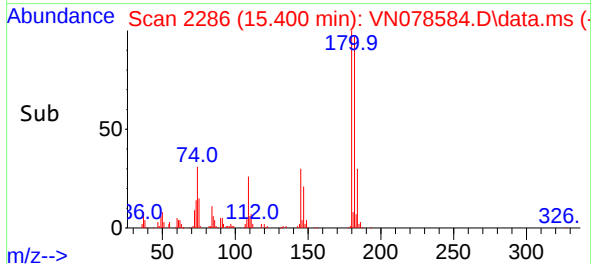
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 16198
Ion Ratio Lower Upper
180 100
182 97.3 46.1 138.2
145 32.1 16.6 49.8

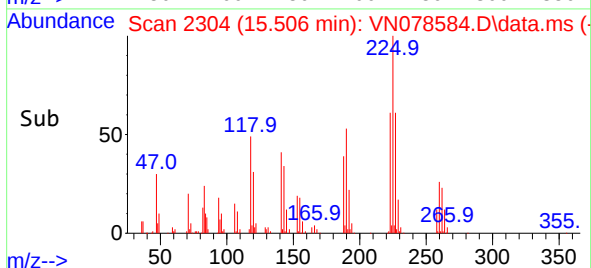
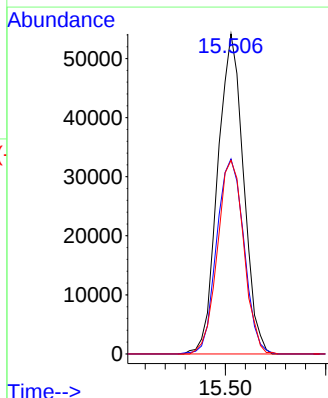
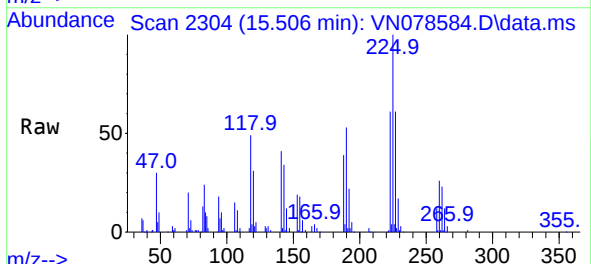
Manual Integrations
APPROVED

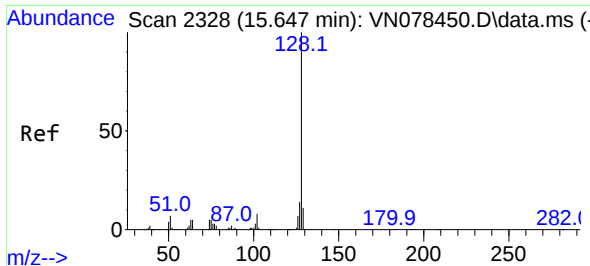
Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023



#94
Hexachlorobutadiene
Concen: 55.291 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

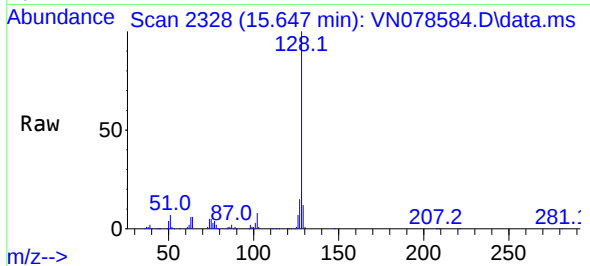
Tgt Ion:225 Resp: 96637
Ion Ratio Lower Upper
225 100
223 64.3 31.3 93.8
227 61.7 31.9 95.9





#95
Naphthalene
Concen: 39.557 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36

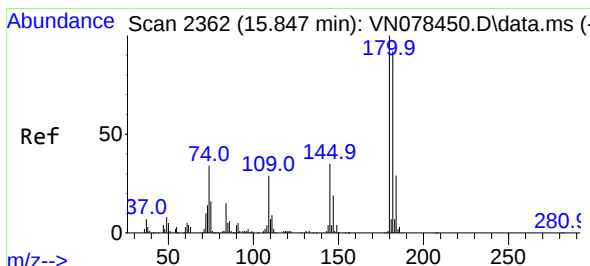
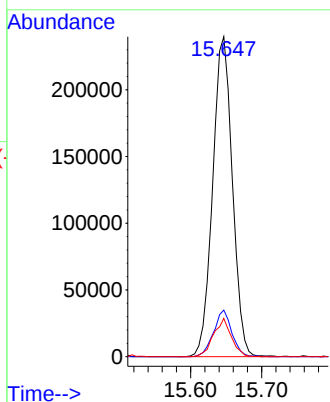
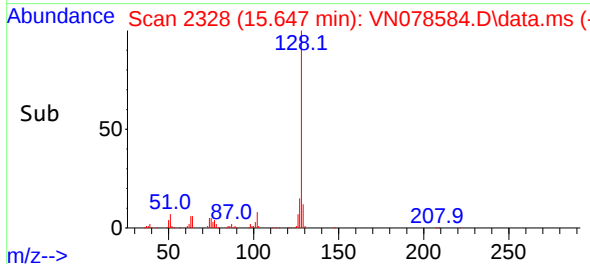
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



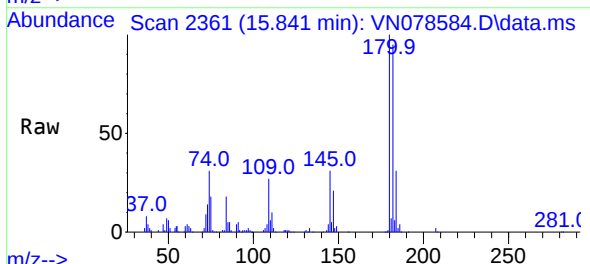
Tgt Ion:128 Resp: 46053
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 46.048 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078584.D
Acq: 20 Jul 2023 10:36



Tgt Ion:180 Resp: 180316
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 33.6 17.5 52.6

