

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078884.D
 Acq On : 15 Aug 2023 12:13
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 02:18:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:16:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	177566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	315322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	288409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136847	49.527	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.060%		
35) Dibromofluoromethane	8.171	113	108030	50.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.570	98	411083	52.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.320%		
62) 4-Bromofluorobenzene	12.853	95	137622	53.423	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	119201	48.381	ug/l	99
3) Chloromethane	2.365	50	165394	48.080	ug/l	93
4) Vinyl Chloride	2.512	62	148027	49.067	ug/l	100
5) Bromomethane	2.936	94	80778	46.637	ug/l	98
6) Chloroethane	3.112	64	99554	47.683	ug/l	92
7) Trichlorofluoromethane	3.489	101	182193	49.584	ug/l	96
8) Diethyl Ether	3.959	74	67232	48.264	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	4.371	101	96794	49.461	ug/l	98
10) Methyl Iodide	4.589	142	116161	53.052	ug/l	95
11) Tert butyl alcohol	5.536	59	113696	245.220	ug/l	99
12) 1,1-Dichloroethene	4.347	96	94822	49.741	ug/l	83
13) Acrolein	4.183	56	62959	252.738	ug/l	93
14) Allyl chloride	5.024	41	197316	52.006	ug/l #	88
15) Acrylonitrile	5.724	53	316377	251.882	ug/l	98
16) Acetone	4.436	43	292125	256.230	ug/l #	87
17) Carbon Disulfide	4.712	76	261178	48.945	ug/l	99
18) Methyl Acetate	5.024	43	236160	49.034	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	348601	50.765	ug/l	94
20) Methylene Chloride	5.277	84	116888	48.110	ug/l #	78
21) trans-1,2-Dichloroethene	5.788	96	107240	50.167	ug/l #	78
22) Diisopropyl ether	6.677	45	410114	51.095	ug/l #	89
23) Vinyl Acetate	6.612	43	1375678	260.300	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	217836	49.679	ug/l	98
25) 2-Butanone	7.488	43	463017	253.310	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	179114	50.535	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	127028	48.891	ug/l	85
28) Bromochloromethane	7.824	49	117586	50.552	ug/l #	72
29) Tetrahydrofuran	7.847	42	301401	249.121	ug/l #	72
30) Chloroform	7.971	83	220811	50.406	ug/l	94
31) Cyclohexane	8.265	56	176932	51.421	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	187141	50.101	ug/l #	94
36) 1,1-Dichloropropene	8.377	75	165170	51.730	ug/l	93
37) Ethyl Acetate	7.571	43	186644	52.246	ug/l #	88
38) Carbon Tetrachloride	8.365	117	163640	51.150	ug/l	96
39) Methylcyclohexane	9.606	83	152824	52.043	ug/l #	89
40) Benzene	8.612	78	480307	50.894	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	102388	52.624	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	177155	50.245	ug/l	97
43) Isopropyl Acetate	8.694	43	319047	50.528	ug/l #	86
44) Trichloroethene	9.359	130	113039	50.409	ug/l	98
45) 1,2-Dichloropropane	9.629	63	129238	51.434	ug/l	96
46) Dibromomethane	9.712	93	84823	49.217	ug/l	95
47) Bromodichloromethane	9.894	83	172453	50.674	ug/l	94
48) Methyl methacrylate	9.688	41	144182	50.391	ug/l #	77
49) 1,4-Dioxane	9.700	88	49790	1021.625	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	963652	257.319	ug/l #	86
52) Toluene	10.635	92	298311	51.484	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	193208	52.940	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	204247	51.386	ug/l #	85
55) 1,1,2-Trichloroethane	11.023	97	117590	50.614	ug/l	94
56) Ethyl methacrylate	10.882	69	191632	53.210	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	208806	50.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	445401	257.641	ug/l	89
59) 2-Hexanone	11.200	43	709881	261.709	ug/l	84
60) Dibromochloromethane	11.365	129	125175	51.200	ug/l	97
61) 1,2-Dibromoethane	11.476	107	119264	50.515	ug/l	99
64) Tetrachloroethene	11.112	164	87667	48.470	ug/l	95
65) Chlorobenzene	11.894	112	311296	50.706	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	119537	51.523	ug/l	98
67) Ethyl Benzene	11.970	91	564405	50.555	ug/l	98
68) m/p-Xylenes	12.076	106	431275	103.322	ug/l	97
69) o-Xylene	12.400	106	213067	52.474	ug/l	97
70) Styrene	12.417	104	359387	53.081	ug/l	99
71) Bromoform	12.582	173	87228	51.715	ug/l #	99
73) Isopropylbenzene	12.700	105	530941	48.592	ug/l	99
74) N-amyl acetate	12.500	43	273055	49.508	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	182990	46.382	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	148091m	30.458	ug/l	
77) Bromobenzene	12.982	156	127694	48.619	ug/l	96
78) n-propylbenzene	13.041	91	632813	49.944	ug/l	98
79) 2-Chlorotoluene	13.129	91	375061	47.720	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	426500	49.255	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	62223	50.341	ug/l #	77
82) 4-Chlorotoluene	13.223	91	383141	49.820	ug/l	98
83) tert-Butylbenzene	13.441	119	364855	50.150	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	429858	50.136	ug/l	98
85) sec-Butylbenzene	13.623	105	492908	49.230	ug/l	99
86) p-Isopropyltoluene	13.735	119	404359	50.549	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	227064	50.242	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	223082	49.316	ug/l	99
89) n-Butylbenzene	14.059	91	341763	51.915	ug/l	98
90) Hexachloroethane	14.341	117	74221	46.286	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	218866	48.697	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34247	52.728	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	83908	52.663	ug/l	96
94) Hexachlorobutadiene	15.505	225	40083	48.059	ug/l	98
95) Naphthalene	15.647	128	295348	48.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	89550	51.317	ug/l	98

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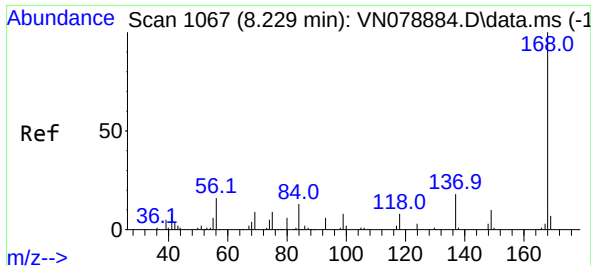
Manual Integrations
APPROVED

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Response via : Initial Calibration

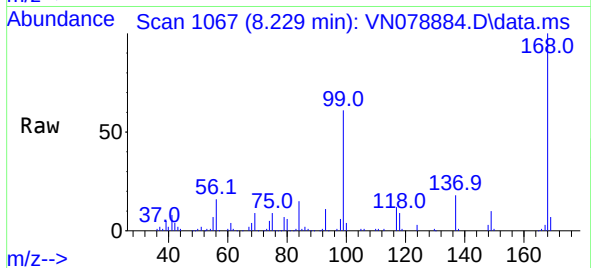
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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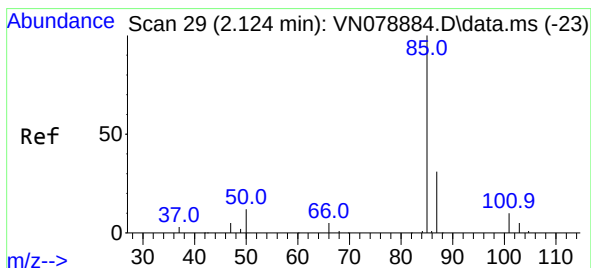
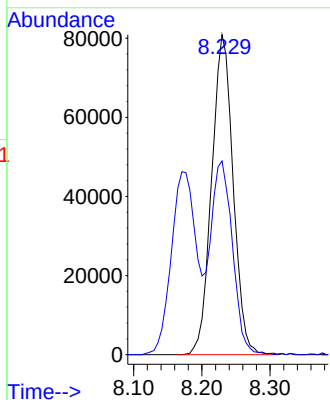
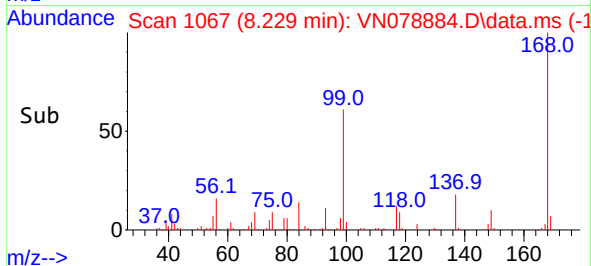
Instrument :
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ClientSampleId :
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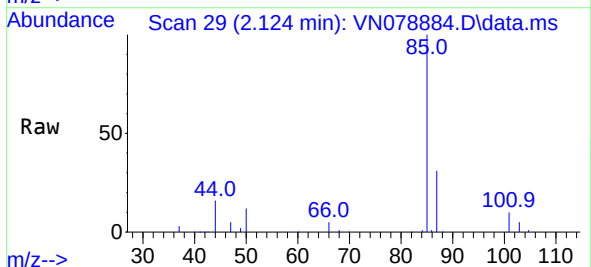
Tgt Ion:168 Resp: 177560
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6

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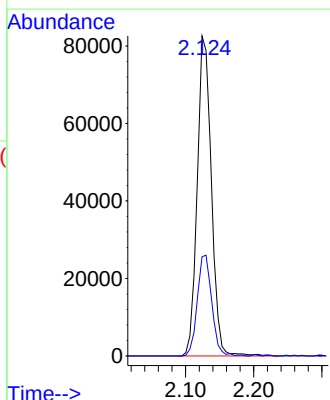
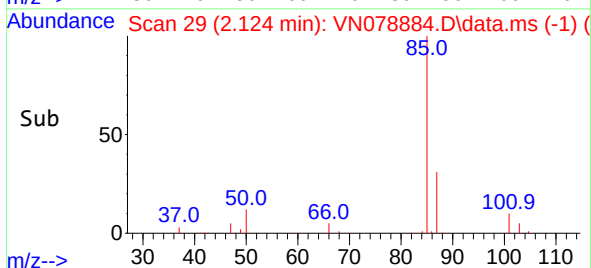
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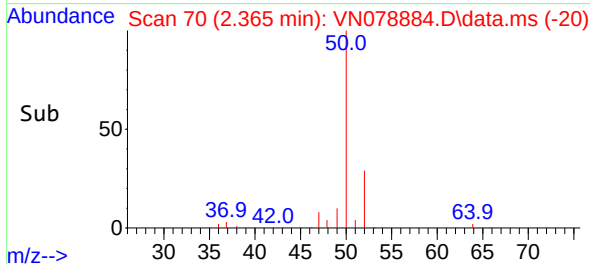
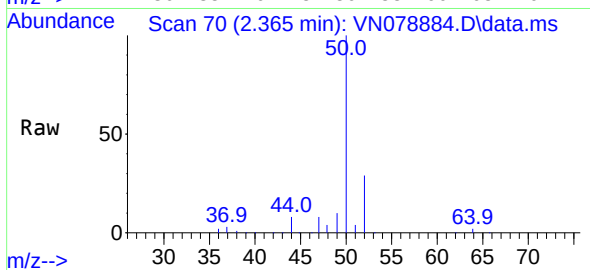
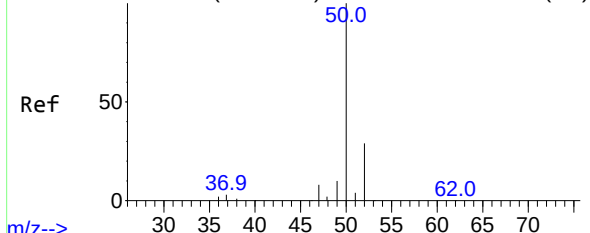
#2
Dichlorodifluoromethane
Concen: 48.381 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



Tgt Ion: 85 Resp: 119201
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4



Abundance Scan 70 (2.365 min): VN078884.D\data.ms (-62)



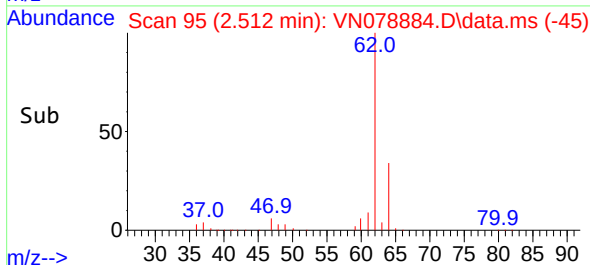
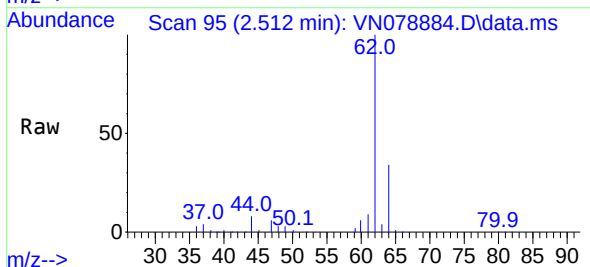
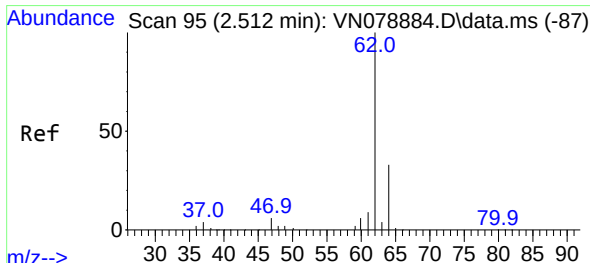
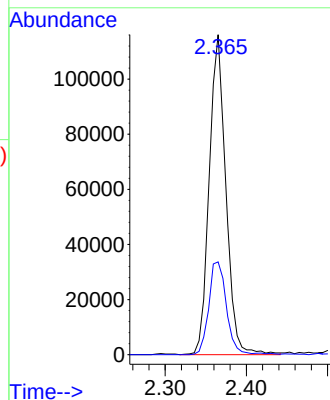
#3
Chloromethane
Concen: 48.080 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Instrument :
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Tgt Ion: 50 Resp: 165394
Ion Ratio Lower Upper
50 100
52 29.0 26.5 39.7

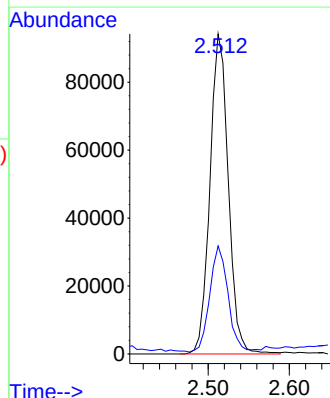
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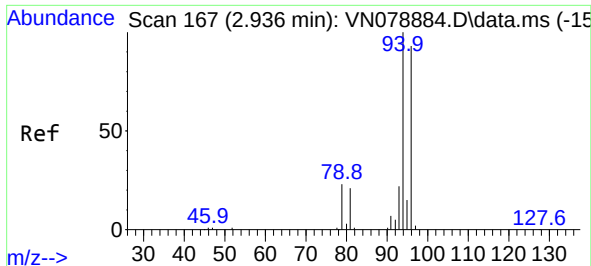
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#4
Vinyl Chloride
Concen: 49.067 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Tgt Ion: 62 Resp: 148027
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





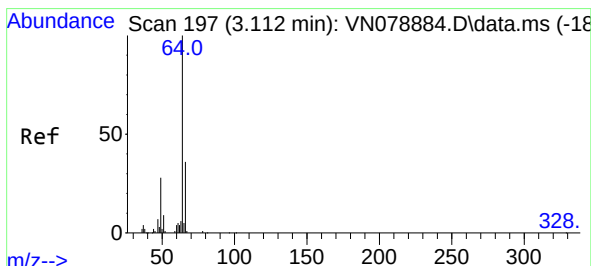
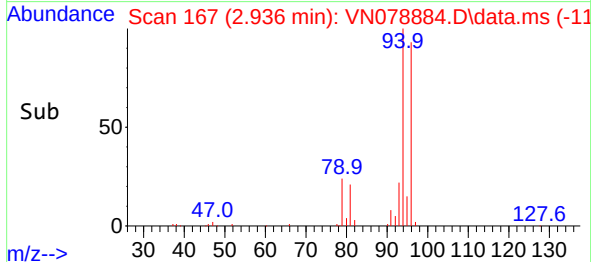
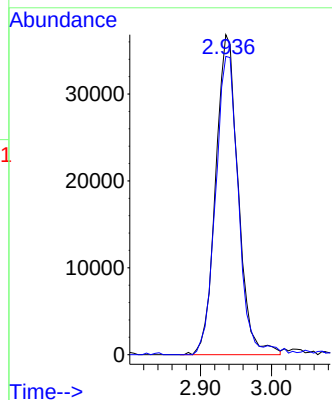
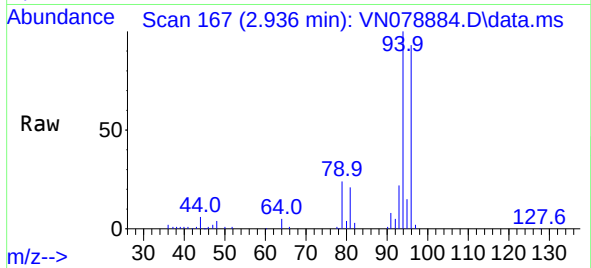
#5
Bromomethane
Concen: 46.637 ug/l
RT: 2.936 min Scan# 167
Delta R.T. -0.012 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 80778
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7

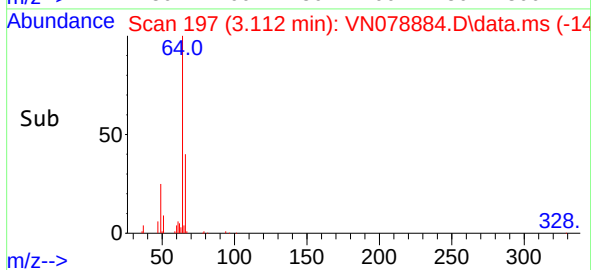
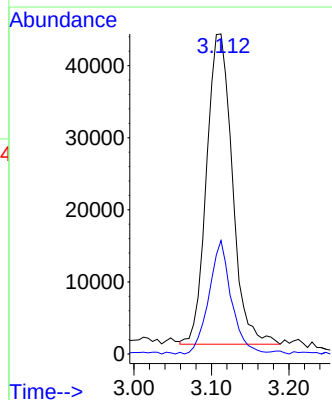
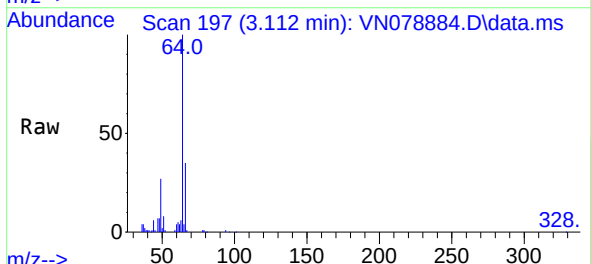
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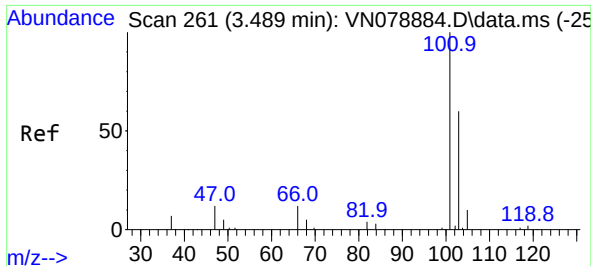
Reviewed By :John Carlone 08/16/2023
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#6
Chloroethane
Concen: 47.683 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078884.D
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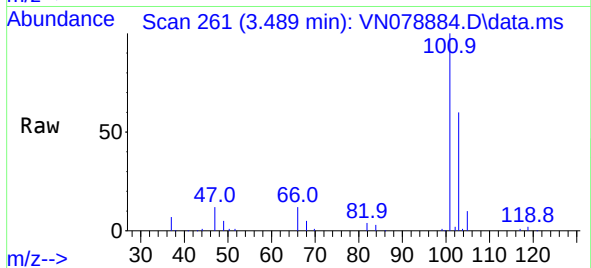
Tgt Ion: 64 Resp: 99554
Ion Ratio Lower Upper
64 100
66 36.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 49.584 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.012 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

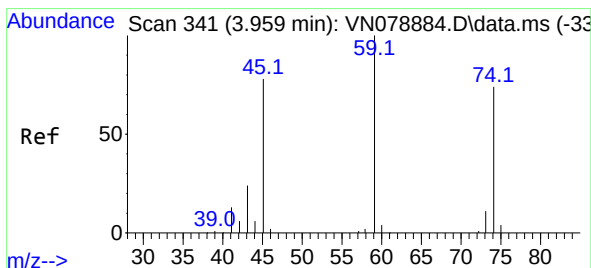
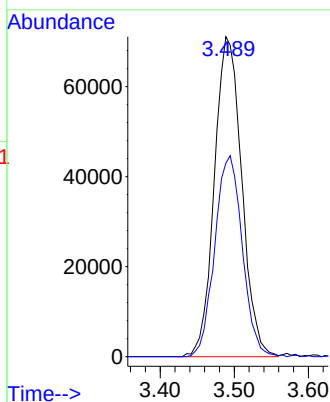
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 18219
Ion Ratio Lower Upper
101 100
103 60.5 50.7 76.1

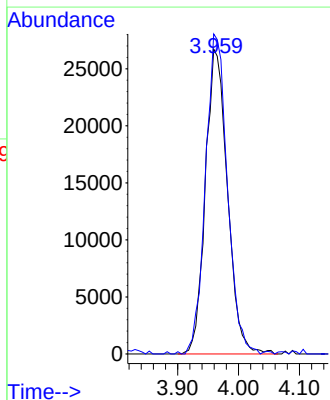
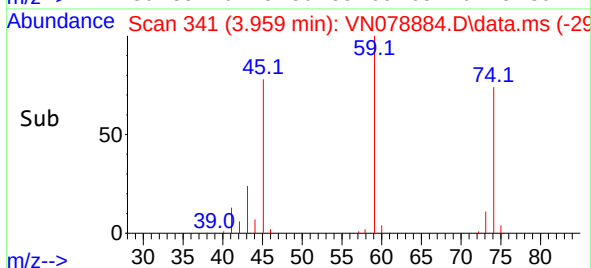
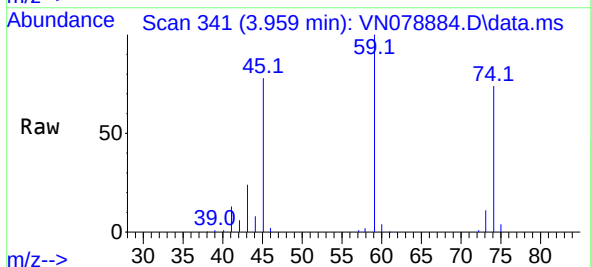
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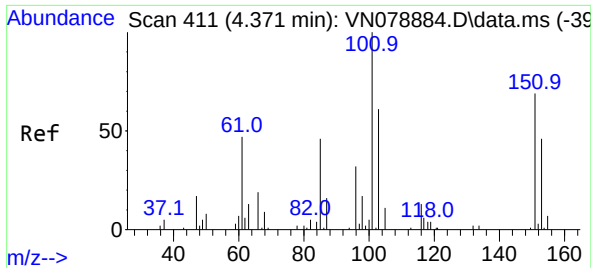
Reviewed By :John Carlone 08/16/2023
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#8
Diethyl Ether
Concen: 48.264 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN078884.D
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Tgt Ion: 74 Resp: 67232
Ion Ratio Lower Upper
74 100
45 104.4 34.4 103.3#





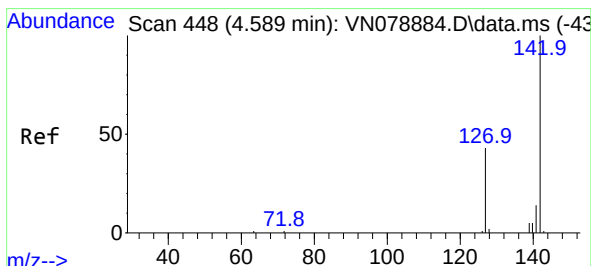
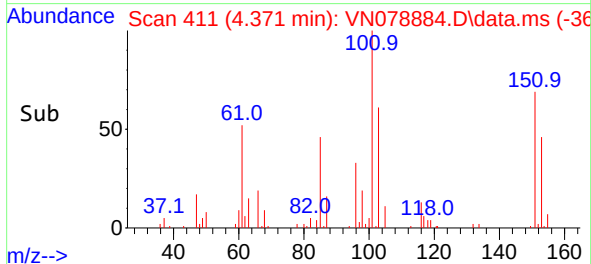
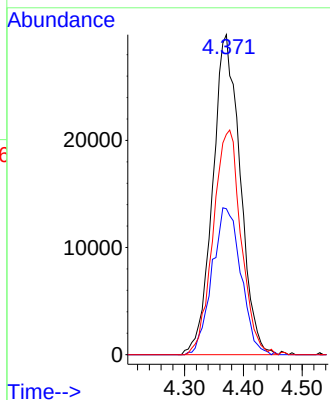
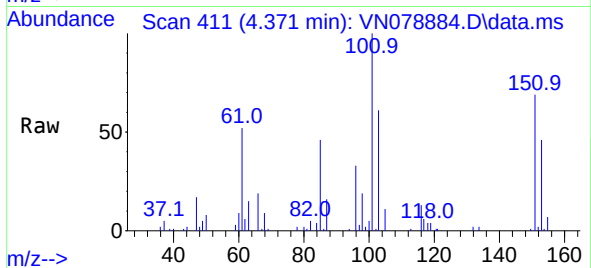
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.461 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078884.D
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ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 96794
Ion Ratio Lower Upper
101 100
85 48.3 36.6 55.0
151 71.6 57.6 86.4

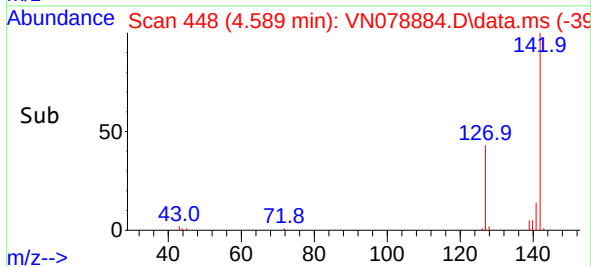
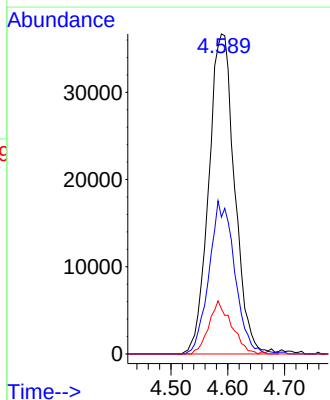
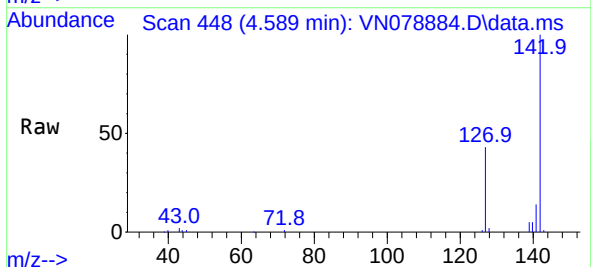
Manual Integrations
APPROVED

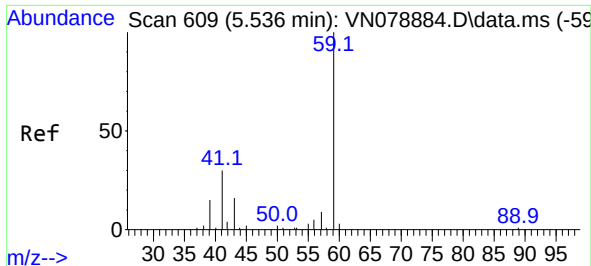
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#10
Methyl Iodide
Concen: 53.052 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

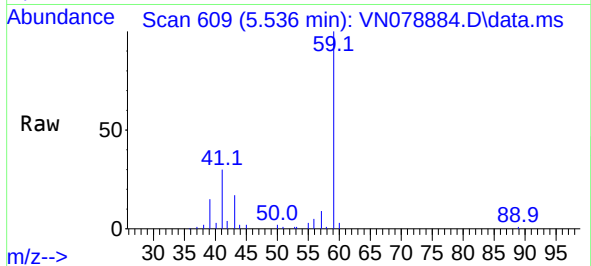
Tgt Ion:142 Resp: 116161
Ion Ratio Lower Upper
142 100
127 42.8 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 245.220 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

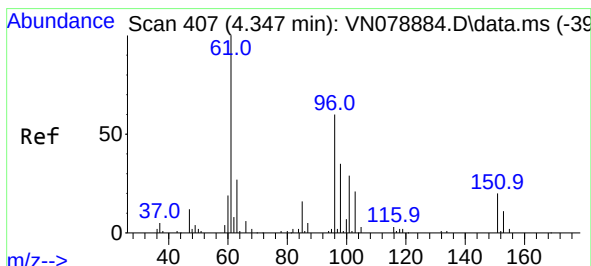
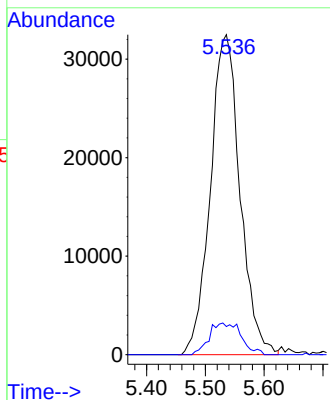
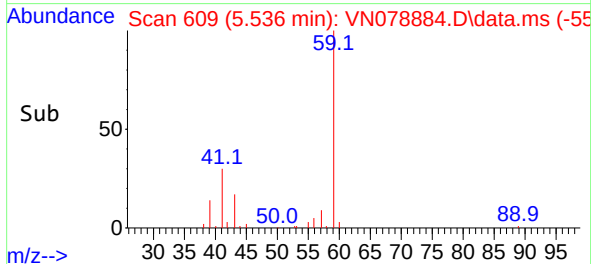
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 113690
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

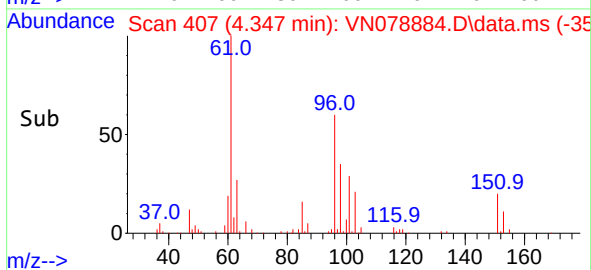
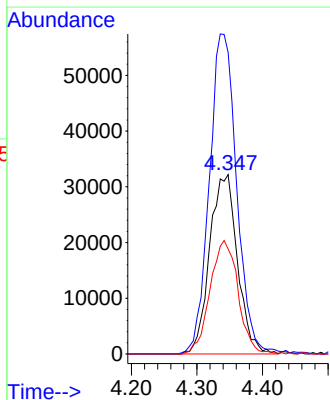
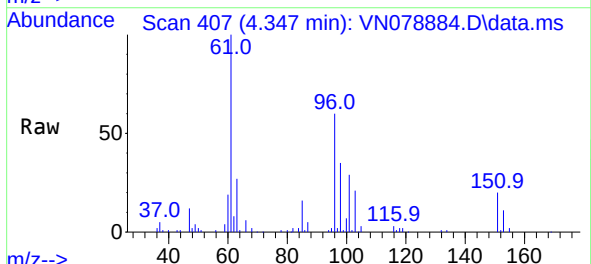
Manual Integrations
APPROVED

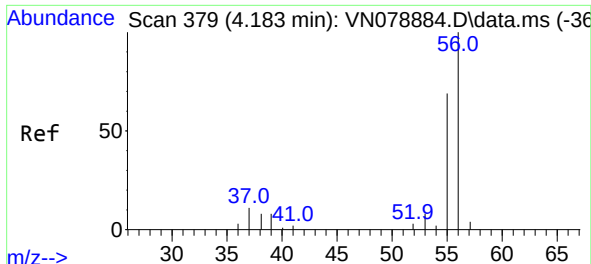
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#12
1,1-Dichloroethene
Concen: 49.741 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

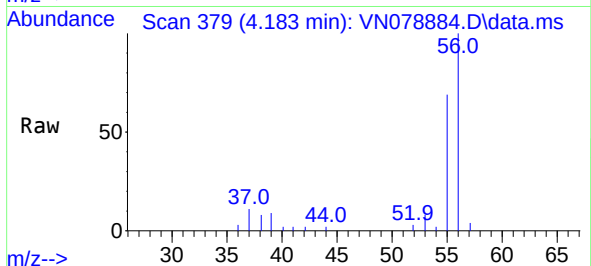
Tgt Ion: 96 Resp: 94822
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 58.5 51.2 76.8





#13
Acrolein
Concen: 252.738 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

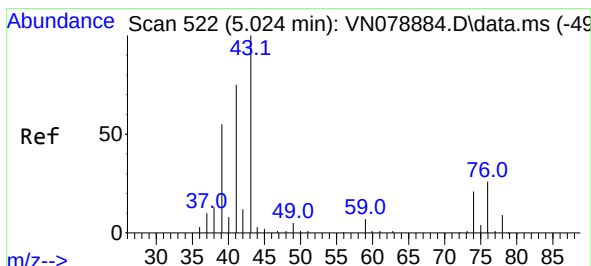
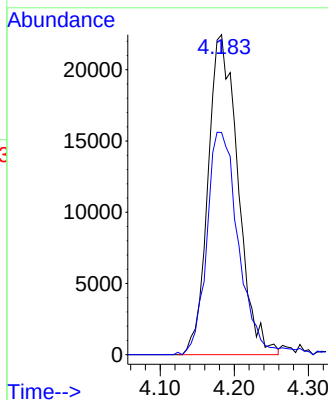
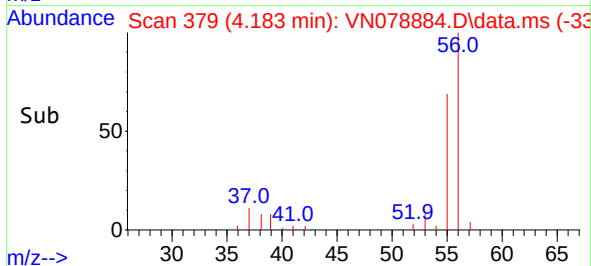
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



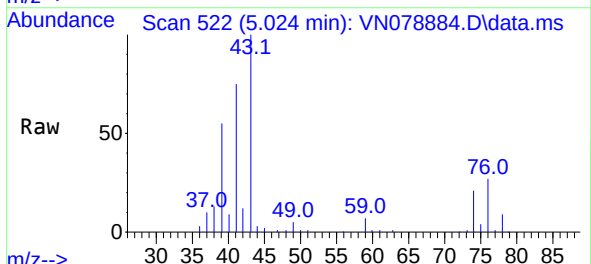
Tgt Ion: 56 Resp: 62959
Ion Ratio Lower Upper
56 100
55 74.0 54.5 81.7

Manual Integrations
APPROVED

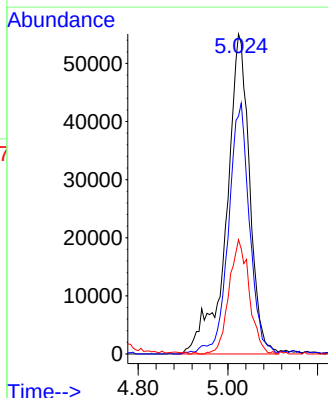
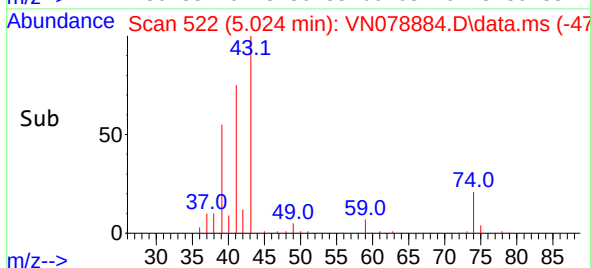
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

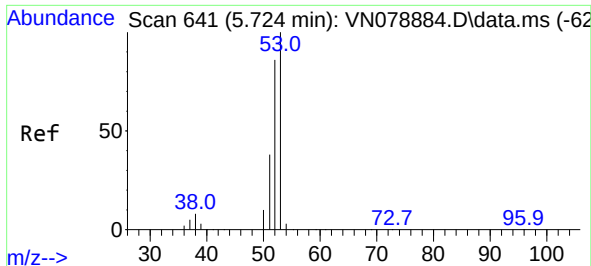


#14
Allyl chloride
Concen: 52.006 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



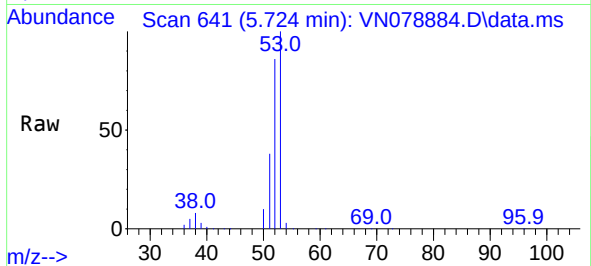
Tgt Ion: 41 Resp: 197316
Ion Ratio Lower Upper
41 100
39 71.3 58.8 88.2
76 31.3 39.1 58.7#





#15
Acrylonitrile
Concen: 251.882 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

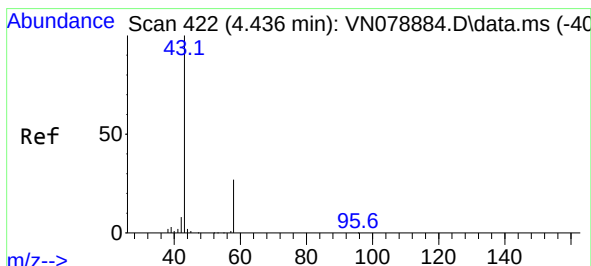
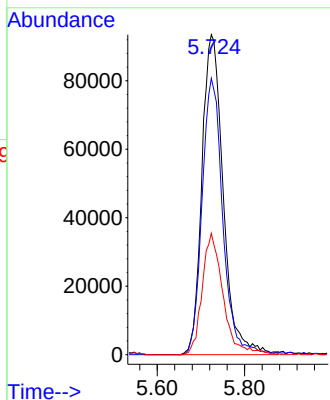
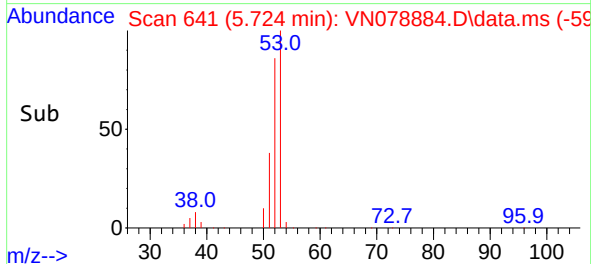
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



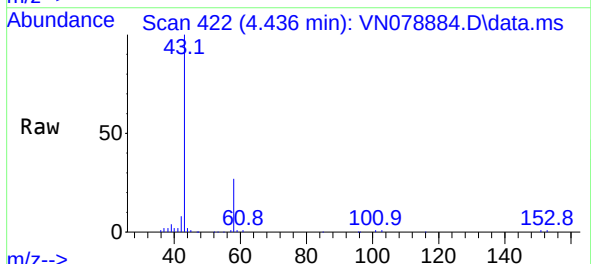
Tgt Ion: 53 Resp: 31637
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.3 28.9 43.3

Manual Integrations
APPROVED

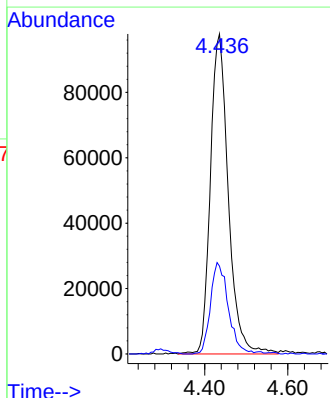
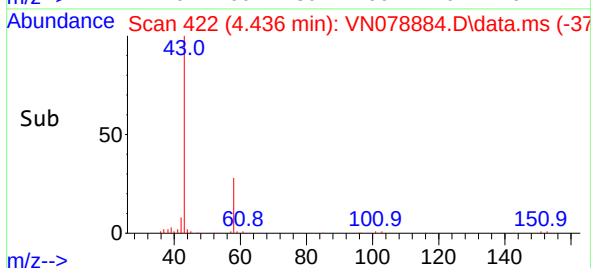
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

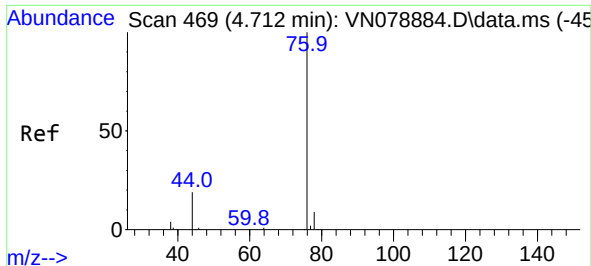


#16
Acetone
Concen: 256.230 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



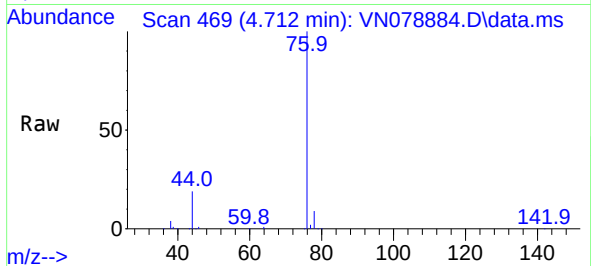
Tgt Ion: 43 Resp: 292125
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#





#17
Carbon Disulfide
Concen: 48.945 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

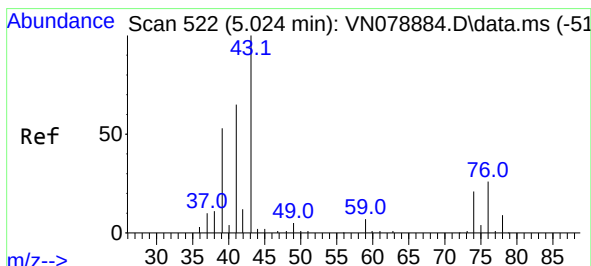
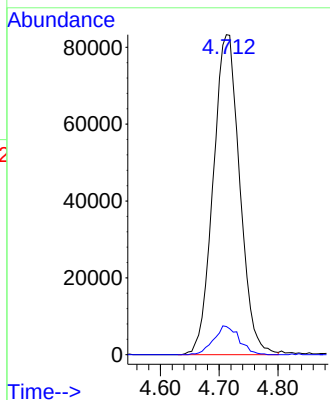
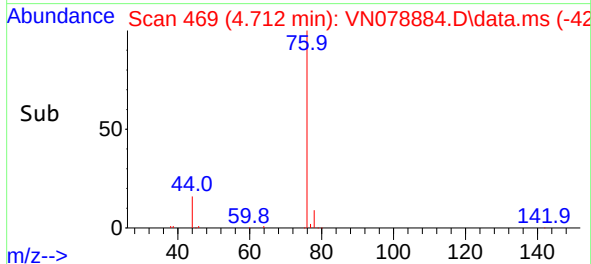
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



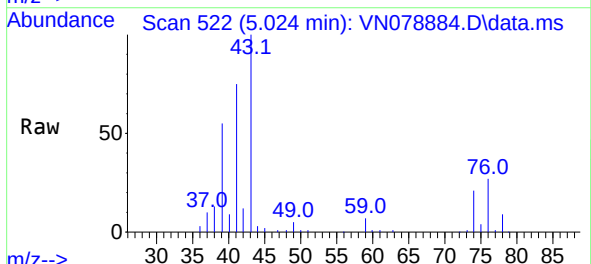
Tgt Ion: 76 Resp: 261178
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

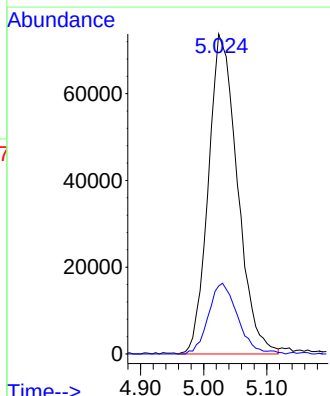
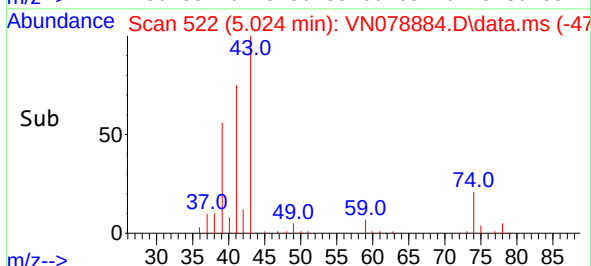
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

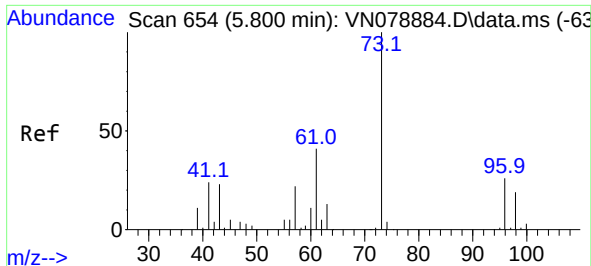


#18
Methyl Acetate
Concen: 49.034 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



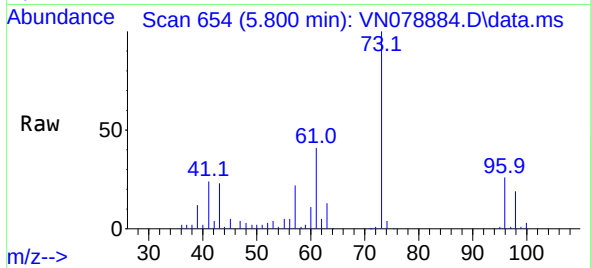
Tgt Ion: 43 Resp: 236160
Ion Ratio Lower Upper
43 100
74 22.2 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 50.765 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

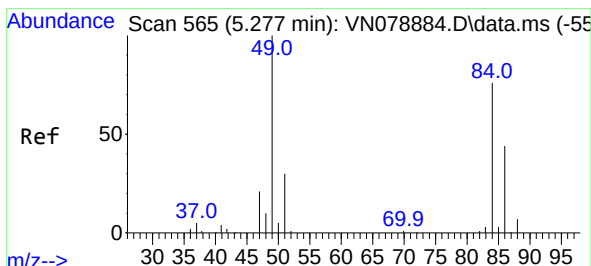
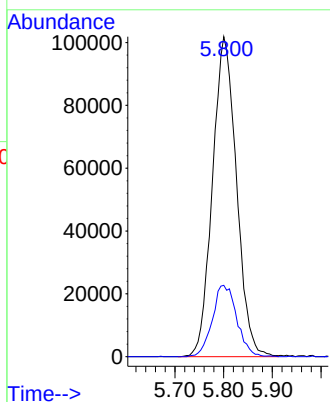
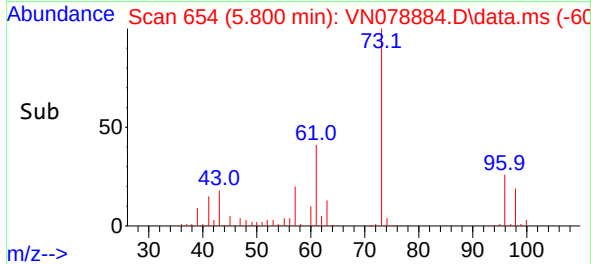
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



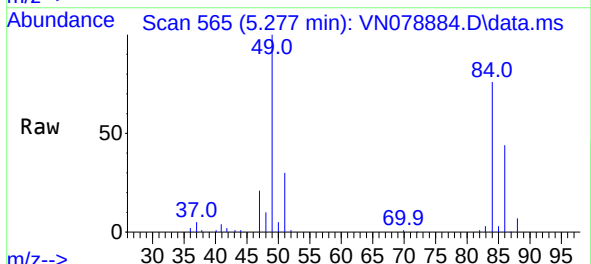
Tgt Ion: 73 Resp: 34860
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

Manual Integrations
APPROVED

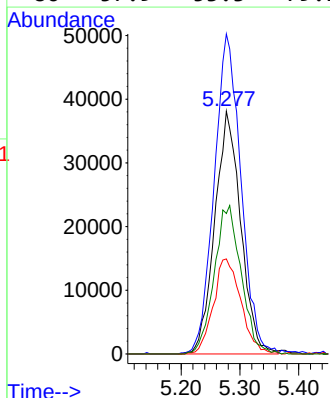
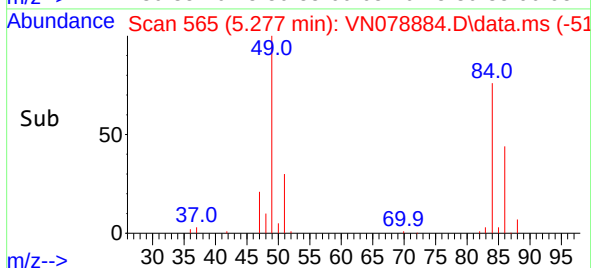
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

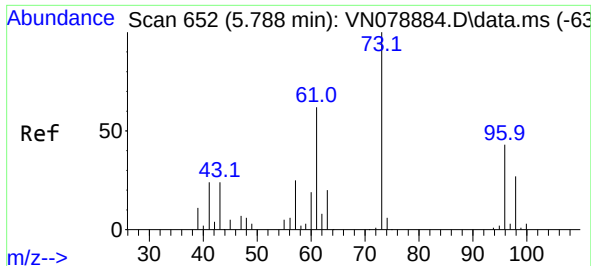


#20
Methylene Chloride
Concen: 48.110 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



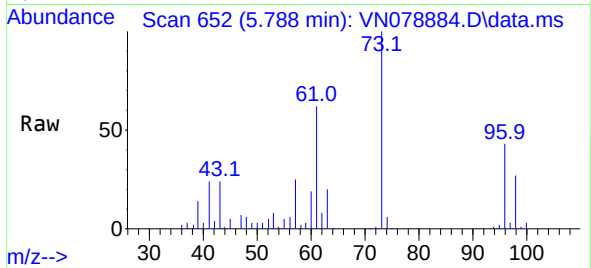
Tgt Ion: 84 Resp: 116888
Ion Ratio Lower Upper
84 100
49 131.8 79.7 119.5#
51 39.2 25.2 37.8#
86 57.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 50.167 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

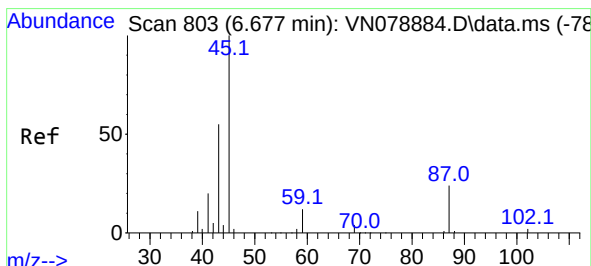
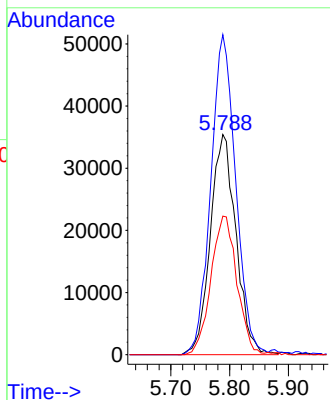
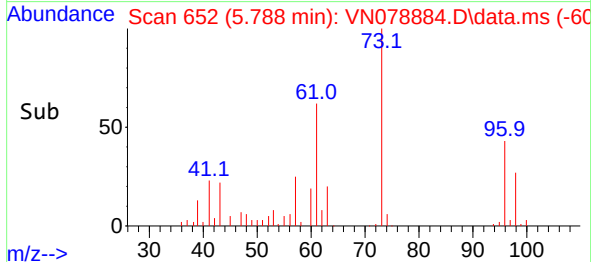
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



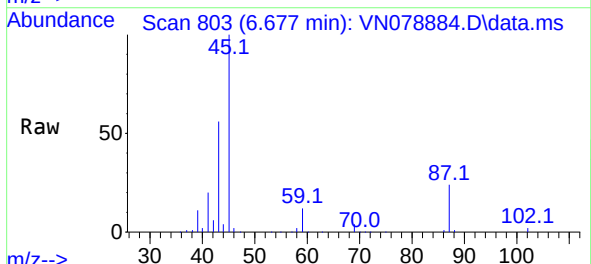
Tgt Ion: 96 Resp: 107240
Ion Ratio Lower Upper
96 100
61 145.3 90.1 135.1
98 62.9 46.4 69.6

Manual Integrations
APPROVED

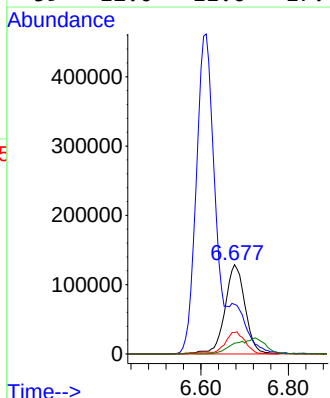
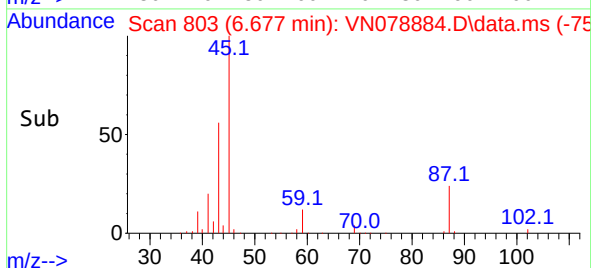
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

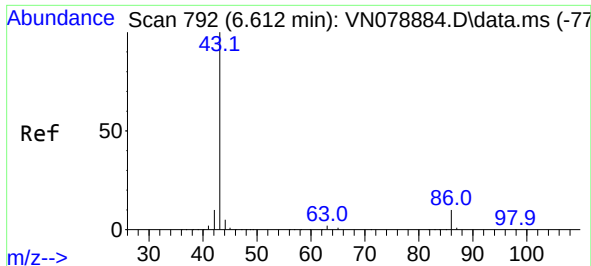


#22
Diisopropyl ether
Concen: 51.095 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



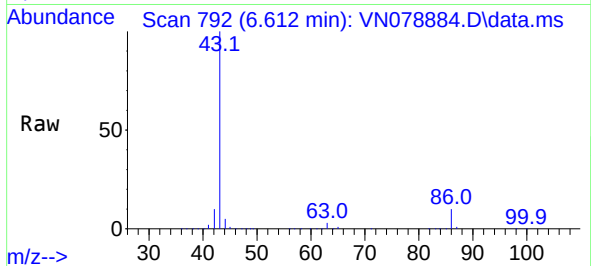
Tgt Ion: 45 Resp: 410114
Ion Ratio Lower Upper
45 100
43 54.7 45.5 68.3
87 24.0 31.8 47.8
59 12.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 260.300 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078884.D
 Acq: 15 Aug 2023 12:13

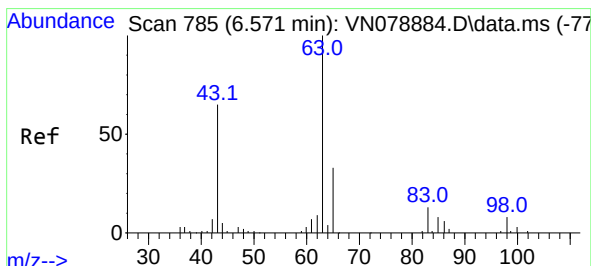
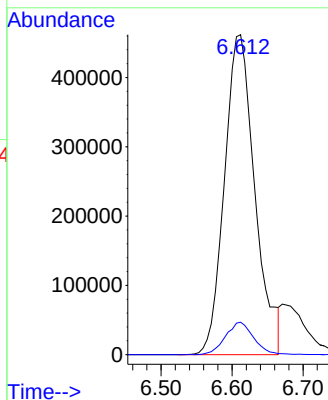
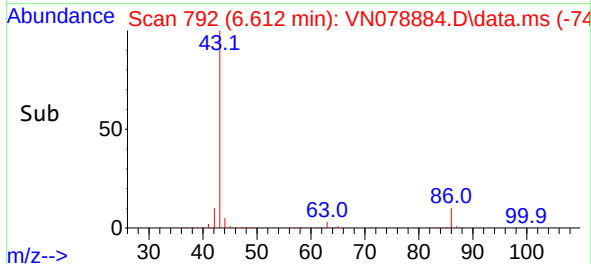
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



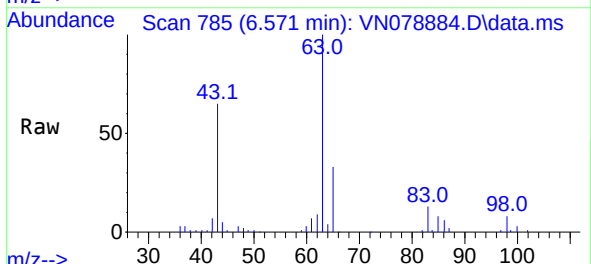
Tgt Ion: 43 Resp: 1375678
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6

Manual Integrations
 APPROVED

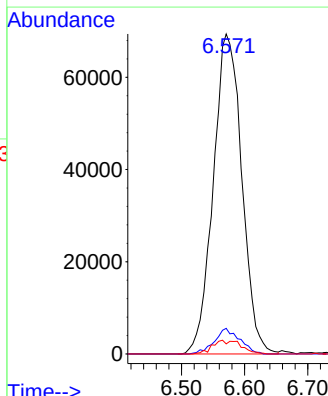
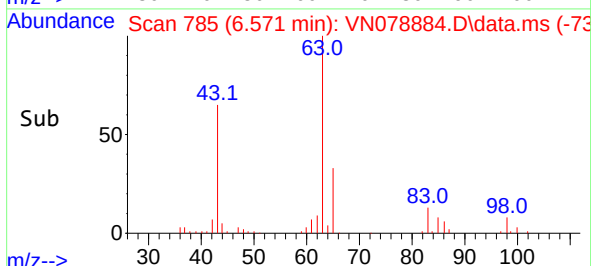
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

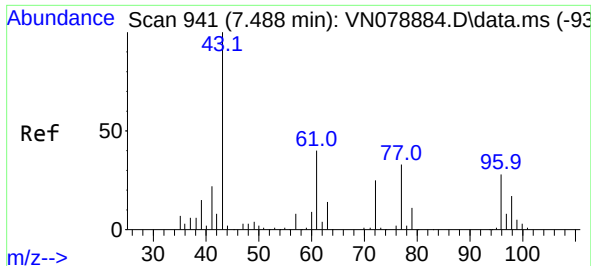


#24
 1,1-Dichloroethane
 Concen: 49.679 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078884.D
 Acq: 15 Aug 2023 12:13



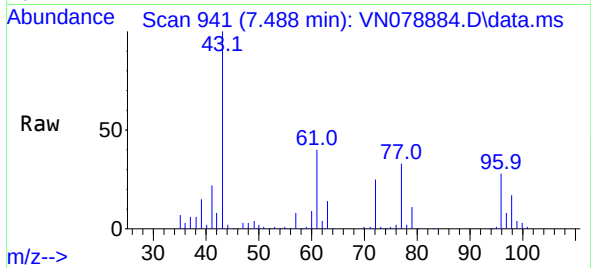
Tgt Ion: 63 Resp: 217836
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 3.2 2.5 7.4





#25
2-Butanone
Concen: 253.310 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

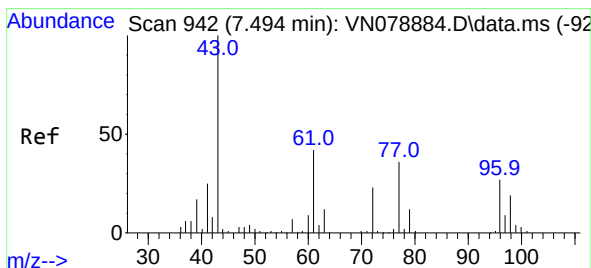
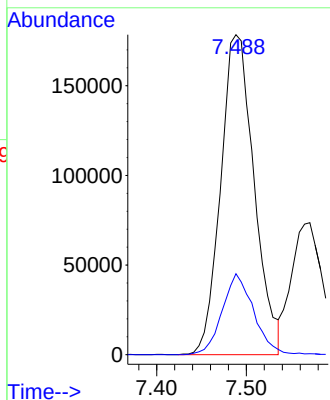
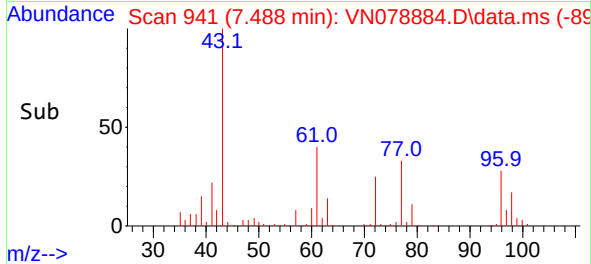
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



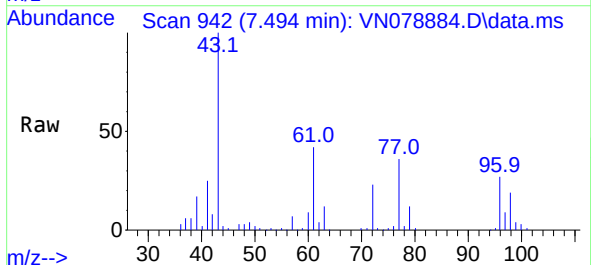
Tgt Ion: 43 Resp: 46301
Ion Ratio Lower Upper
43 100
72 25.3 30.2 45.2

Manual Integrations
APPROVED

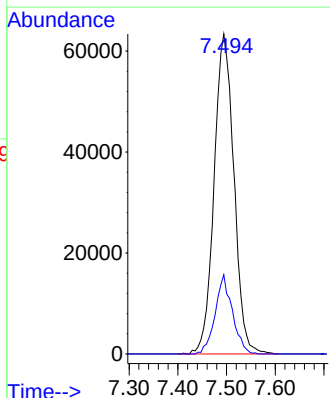
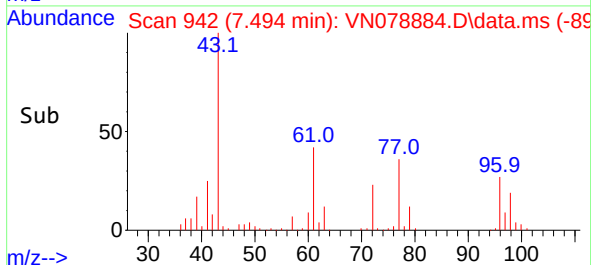
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

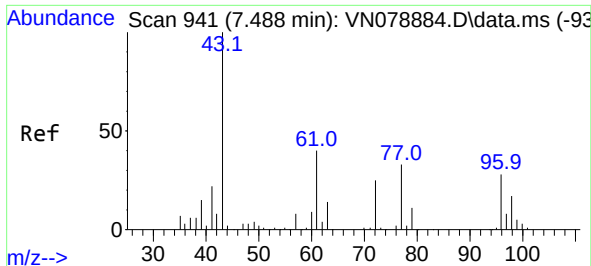


#26
2,2-Dichloropropane
Concen: 50.535 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



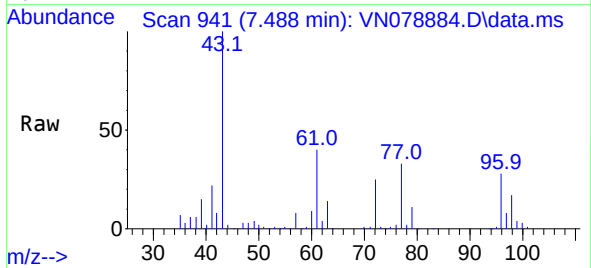
Tgt Ion: 77 Resp: 179114
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.891 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN078884.D
 Acq: 15 Aug 2023 12:13

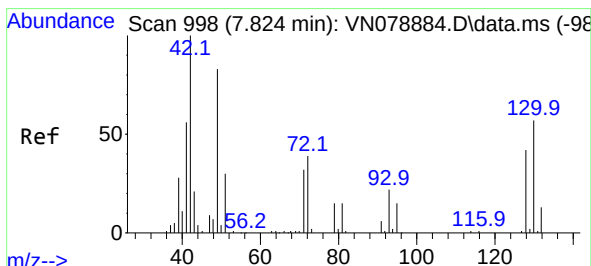
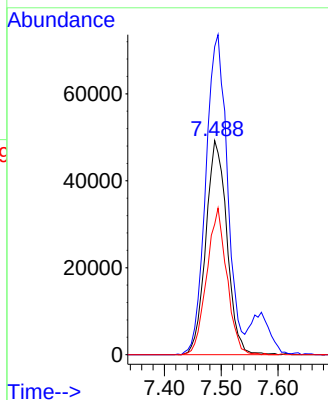
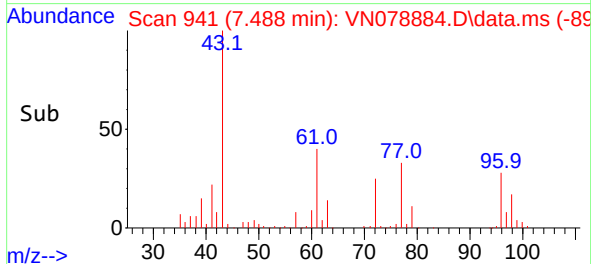
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



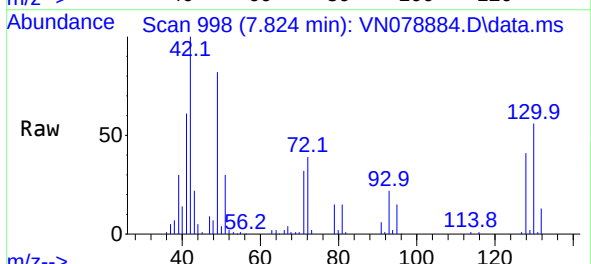
Tgt Ion: 96 Resp: 127028
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 255.2
 98 65.3 0.0 128.8

Manual Integrations
 APPROVED

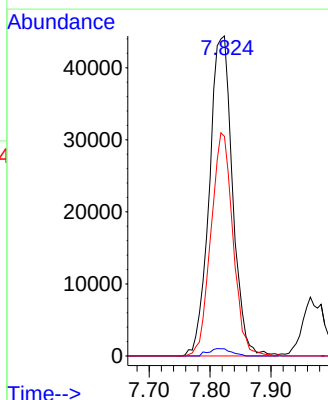
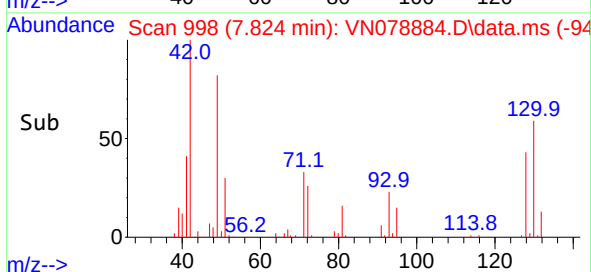
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

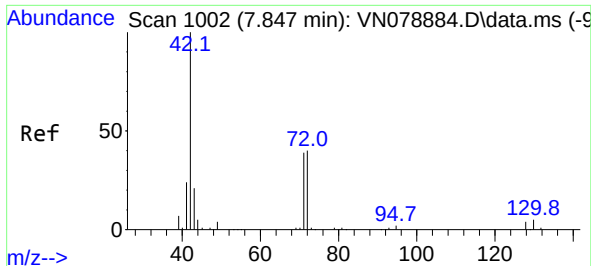


#28
 Bromochloromethane
 Concen: 50.552 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN078884.D
 Acq: 15 Aug 2023 12:13



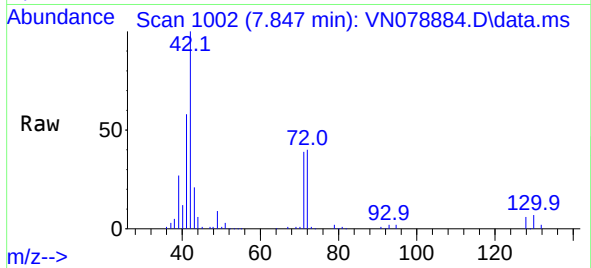
Tgt Ion: 49 Resp: 117586
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 66.1 75.3 112.9#





#29
Tetrahydrofuran
Concen: 249.121 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

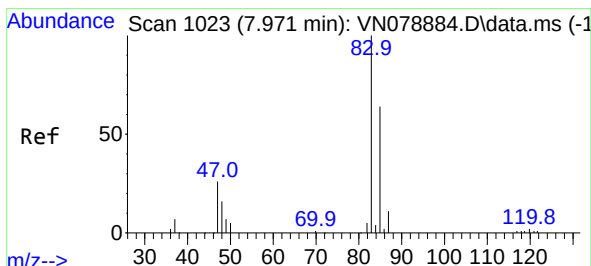
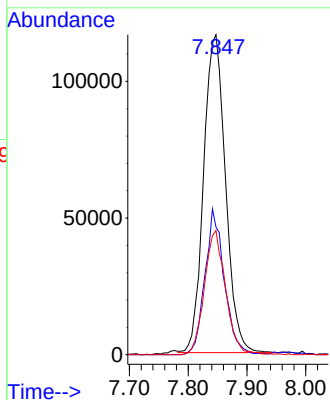
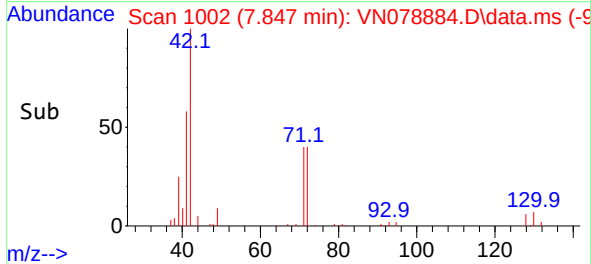
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



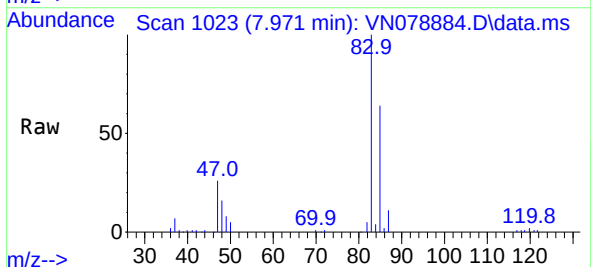
Tgt Ion: 42 Resp: 30140
Ion Ratio Lower Upper
42 100
72 40.4 49.8 74.6
71 37.7 47.4 71.2

Manual Integrations
APPROVED

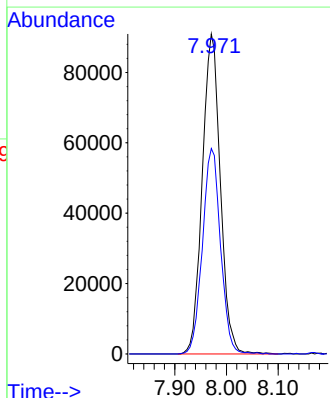
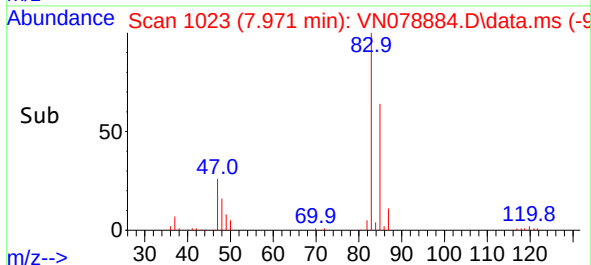
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

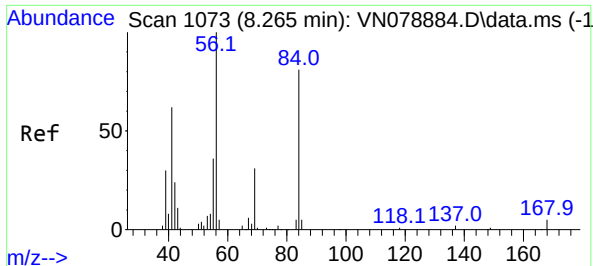


#30
Chloroform
Concen: 50.406 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



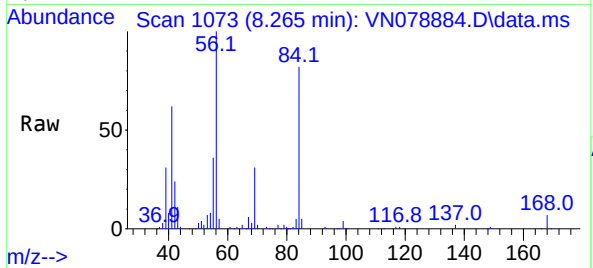
Tgt Ion: 83 Resp: 220811
Ion Ratio Lower Upper
83 100
85 64.2 55.4 83.0





#31
Cyclohexane
Concen: 51.421 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

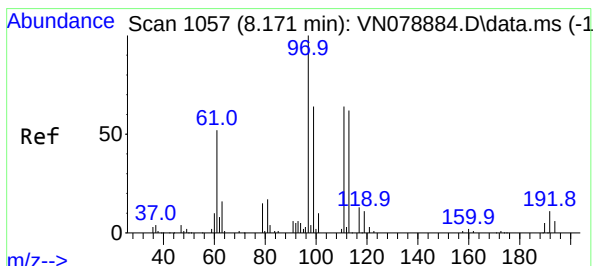
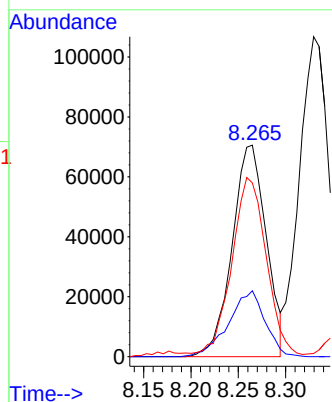
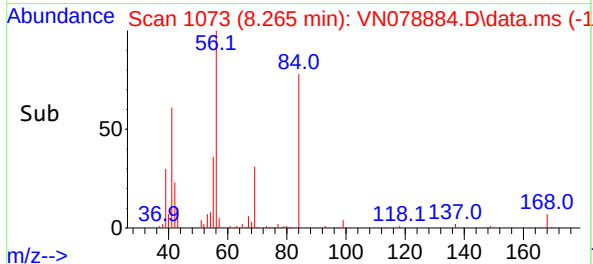
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



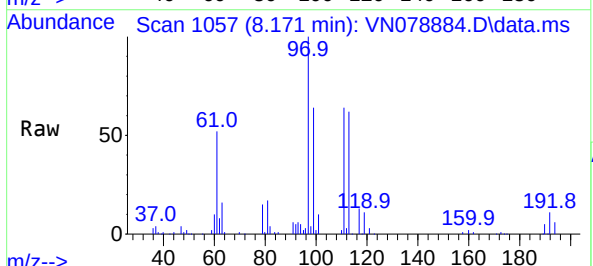
Tgt Ion: 56 Resp: 176932
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 80.7 81.8 122.6

Manual Integrations
APPROVED

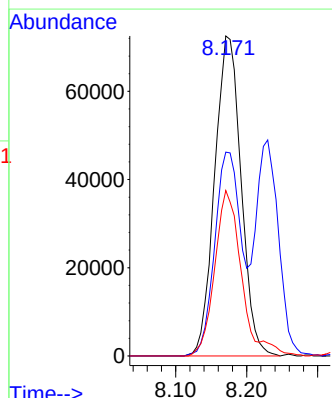
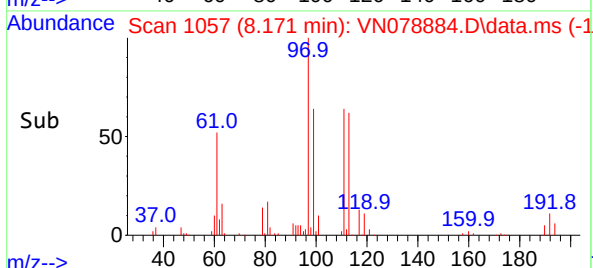
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

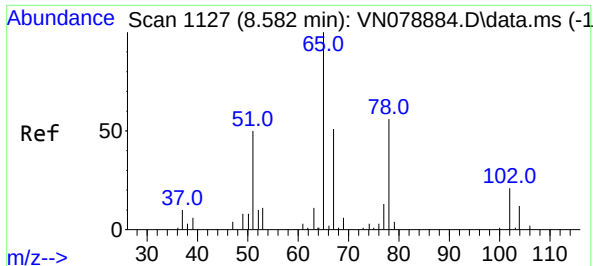


#32
1,1,1-Trichloroethane
Concen: 50.101 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



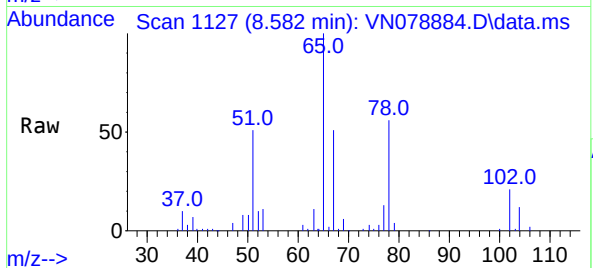
Tgt Ion: 97 Resp: 187141
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 52.4 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 49.527 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

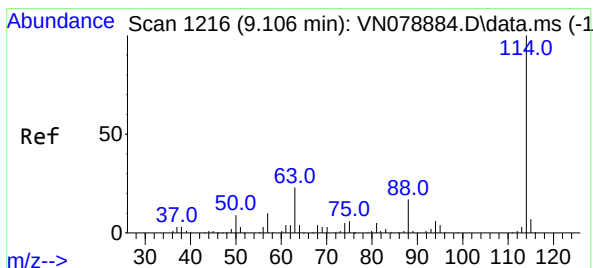
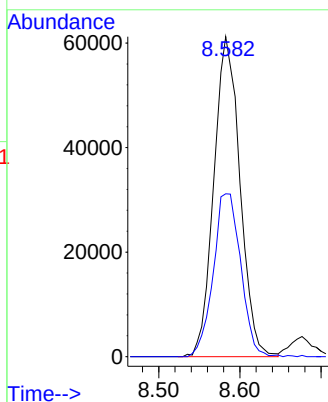
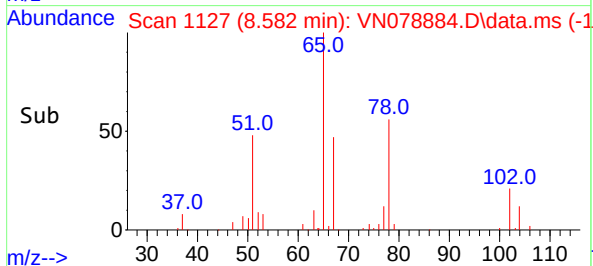
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



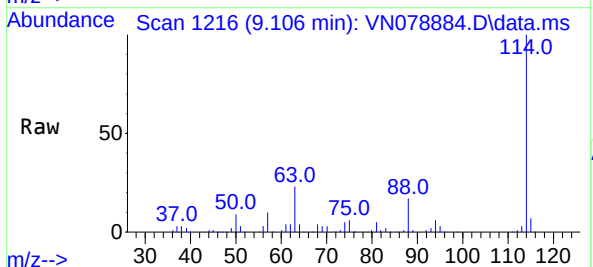
Tgt Ion: 65 Resp: 13684
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6

Manual Integrations
APPROVED

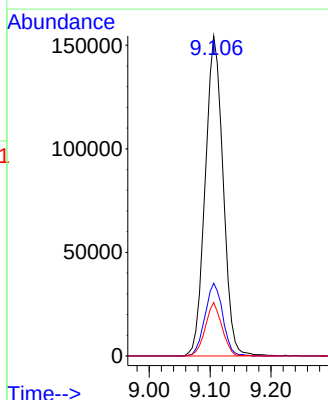
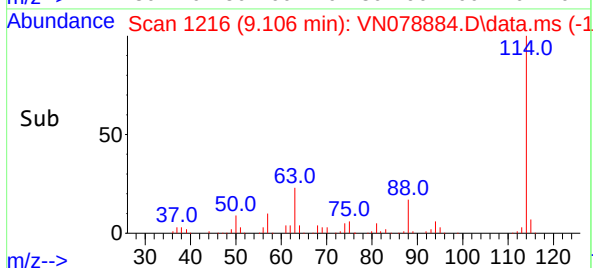
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

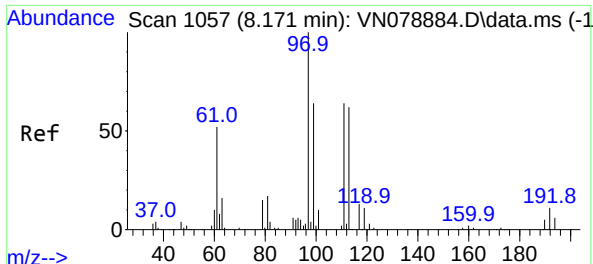


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



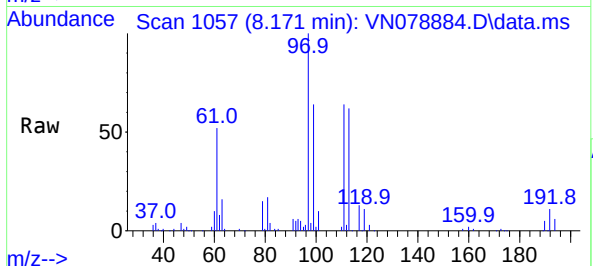
Tgt Ion:114 Resp: 315322
Ion Ratio Lower Upper
114 100
63 22.7 0.0 36.4
88 16.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.896 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

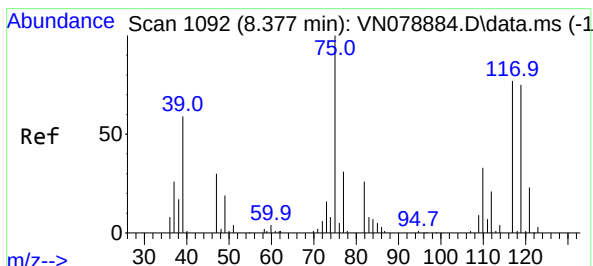
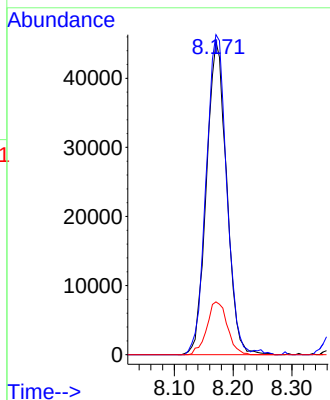
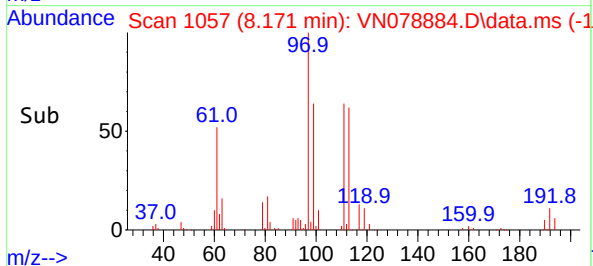
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



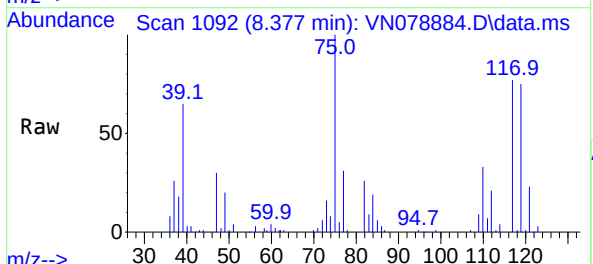
Tgt Ion: 113 Resp: 108030
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.1 12.7 19.1

Manual Integrations
APPROVED

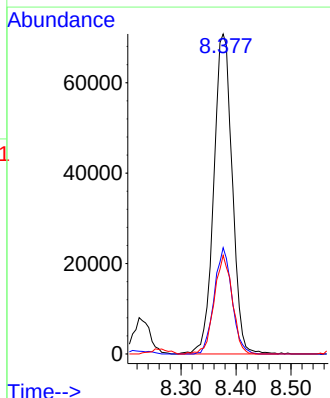
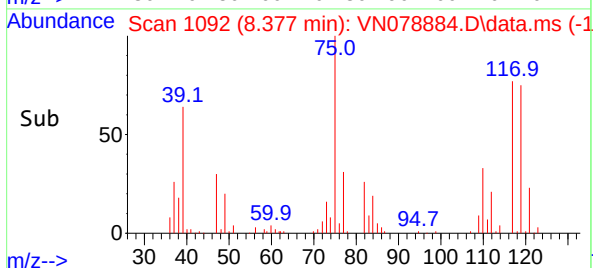
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

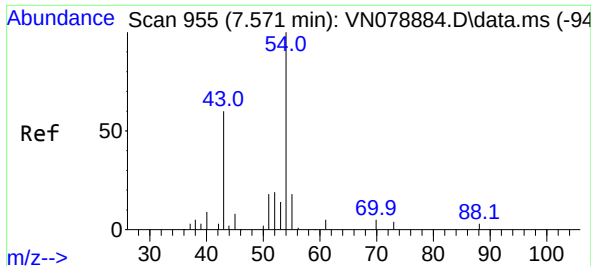


#36
1,1-Dichloropropene
Concen: 51.730 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



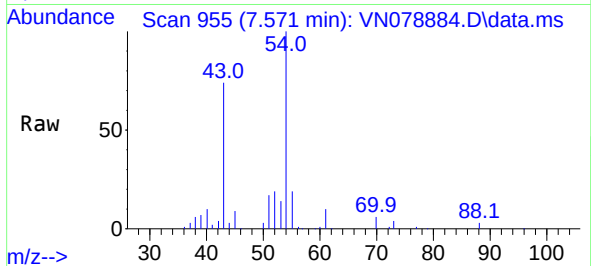
Tgt Ion: 75 Resp: 165170
Ion Ratio Lower Upper
75 100
110 31.9 19.1 57.3
77 30.1 25.0 37.4





#37
Ethyl Acetate
Concen: 52.246 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

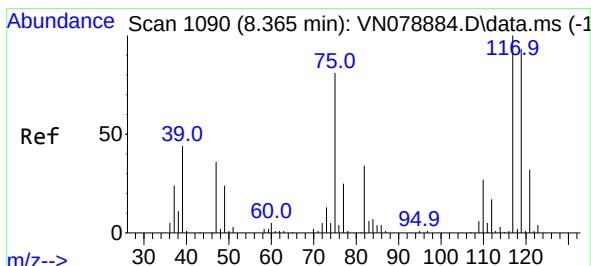
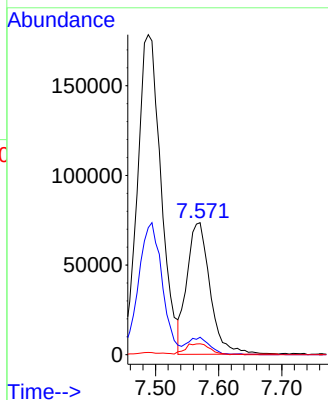
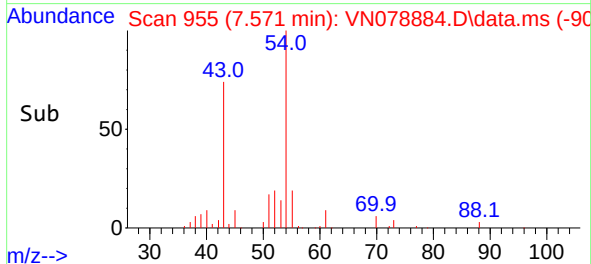
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 186644
Ion Ratio Lower Upper
43 100
61 11.9 13.2 19.8
70 8.8 11.3 16.9

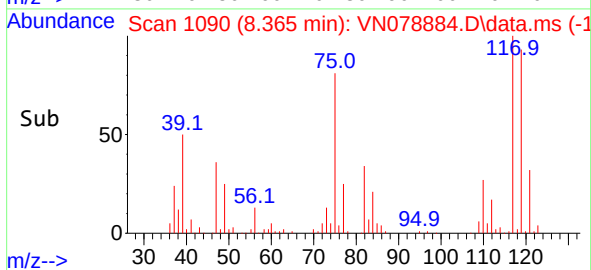
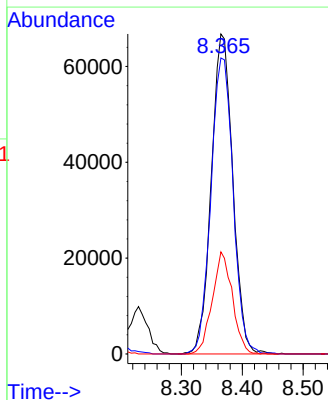
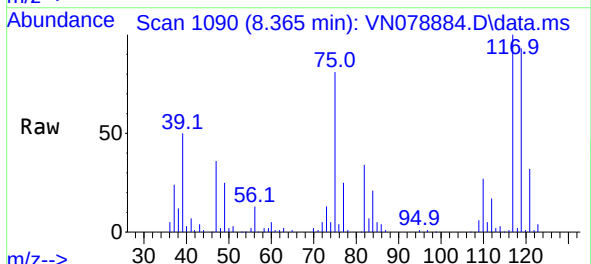
Manual Integrations
APPROVED

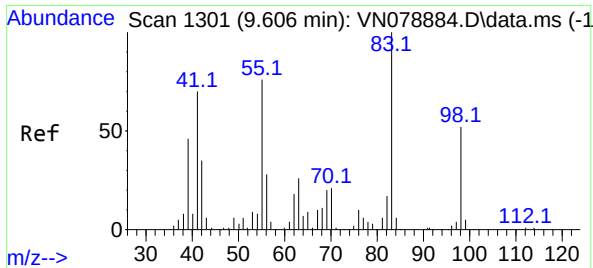
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#38
Carbon Tetrachloride
Concen: 51.150 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Tgt Ion:117 Resp: 163640
Ion Ratio Lower Upper
117 100
119 92.5 77.3 115.9
121 31.9 23.3 34.9





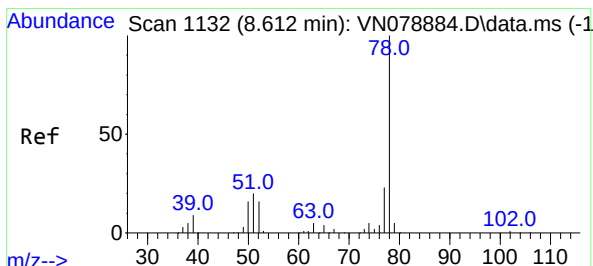
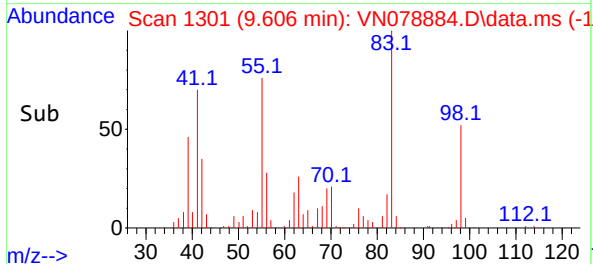
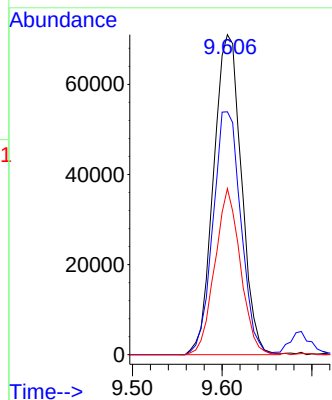
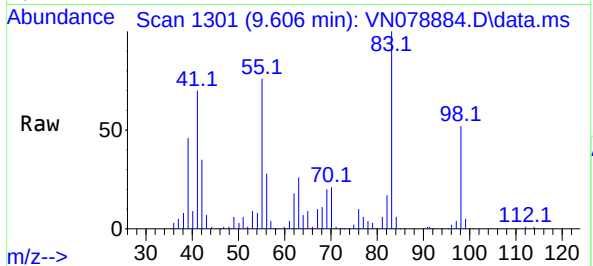
#39
Methylcyclohexane
Concen: 52.043 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 152824
Ion Ratio Lower Upper
83 100
55 75.9 49.1 73.7
98 51.9 40.6 61.0

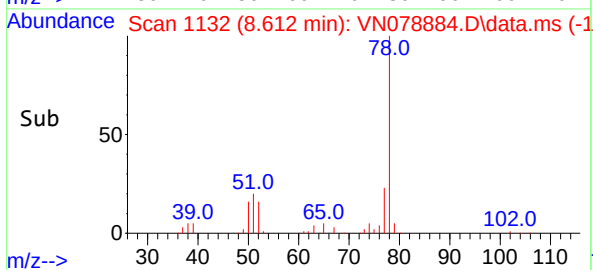
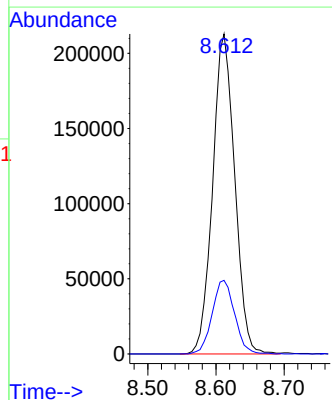
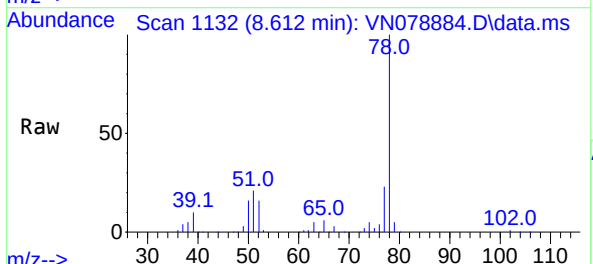
Manual Integrations
APPROVED

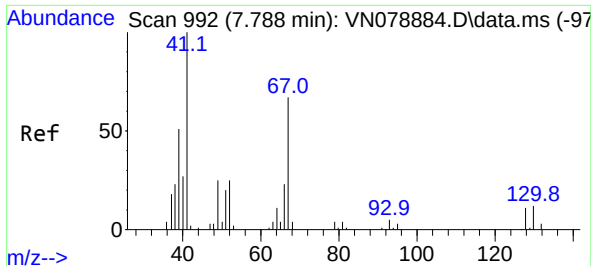
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#40
Benzene
Concen: 50.894 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

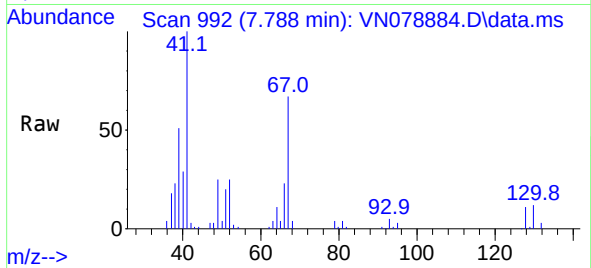
Tgt Ion: 78 Resp: 480307
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 52.624 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

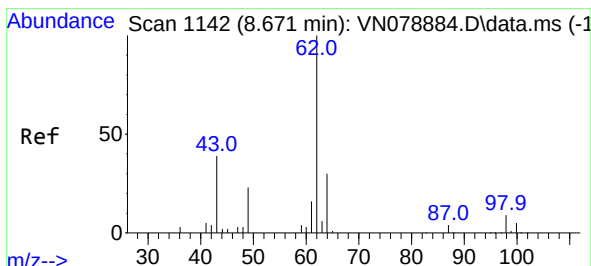
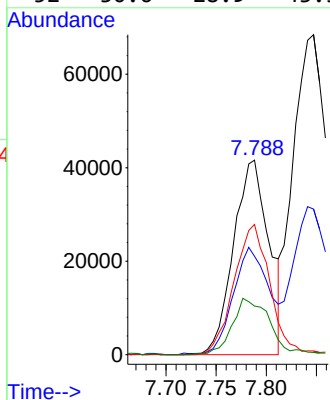
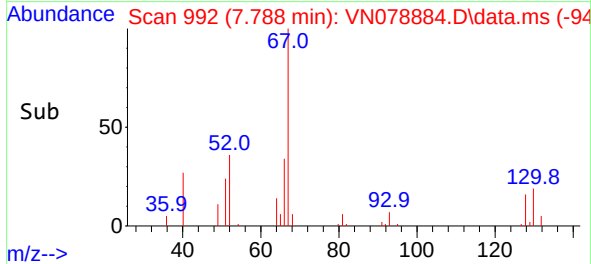
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



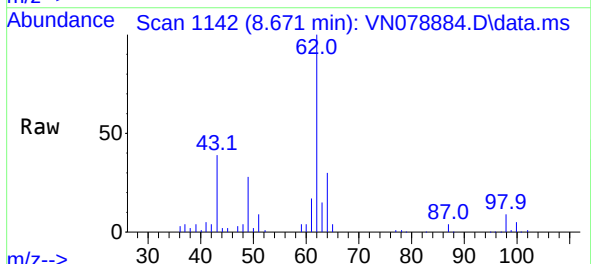
Tgt Ion: 41 Resp: 102388
Ion Ratio Lower Upper
41 100
39 55.7 42.6 64.0
67 68.4 77.5 116.3
52 30.6 28.9 43.3

Manual Integrations
APPROVED

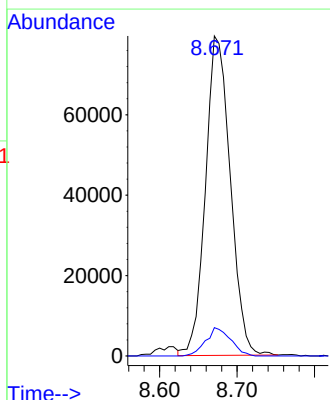
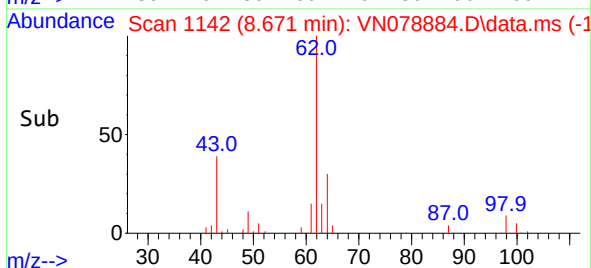
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

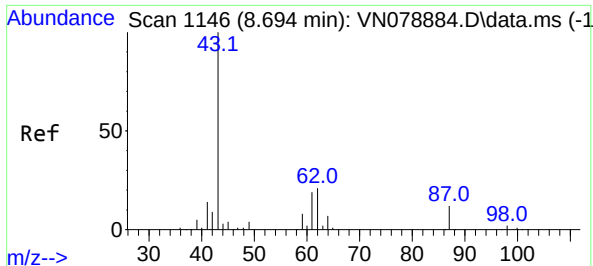


#42
1,2-Dichloroethane
Concen: 50.245 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



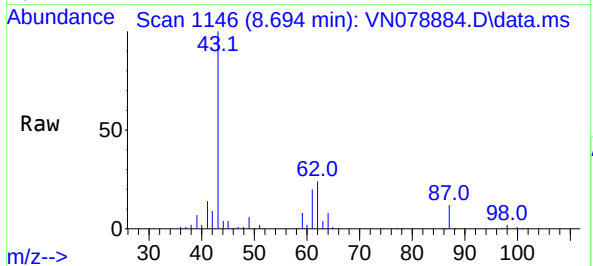
Tgt Ion: 62 Resp: 177155
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.528 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

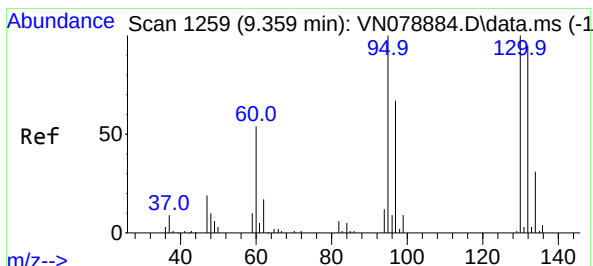
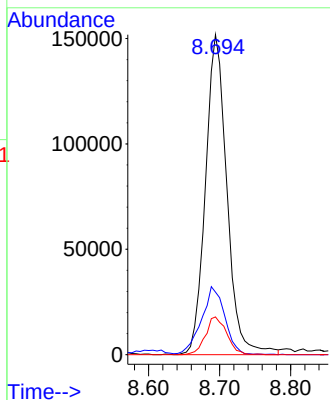
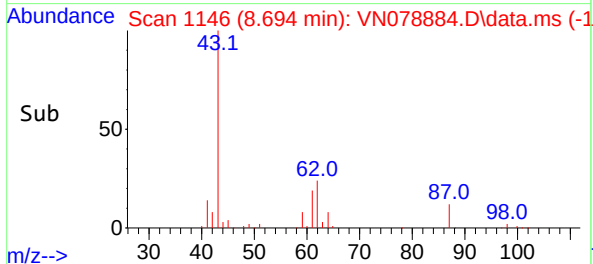
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 31904
Ion Ratio Lower Upper
43 100
61 23.0 24.7 37.1
87 11.7 14.6 21.8

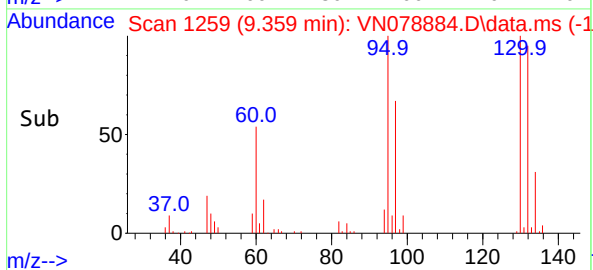
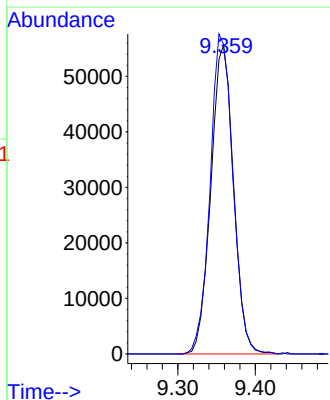
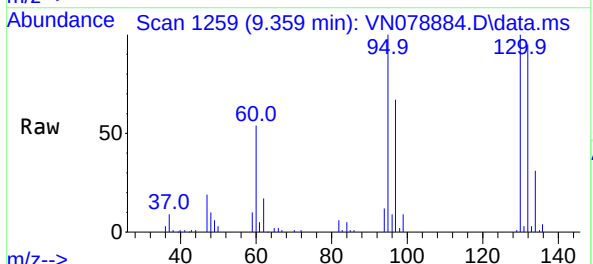
Manual Integrations
APPROVED

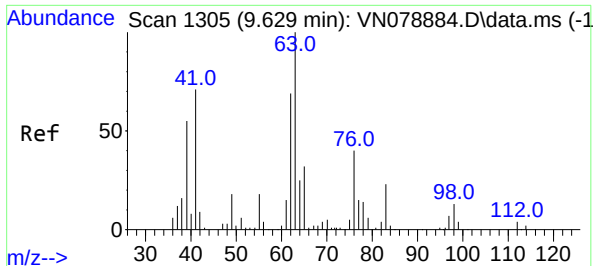
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#44
Trichloroethene
Concen: 50.409 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Tgt Ion:130 Resp: 113039
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.6





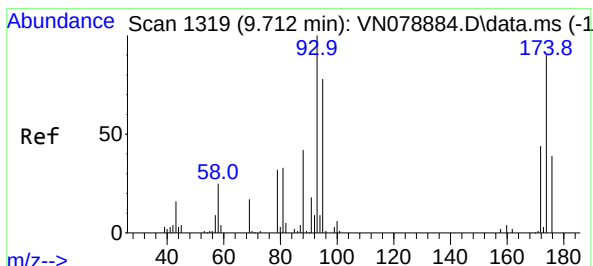
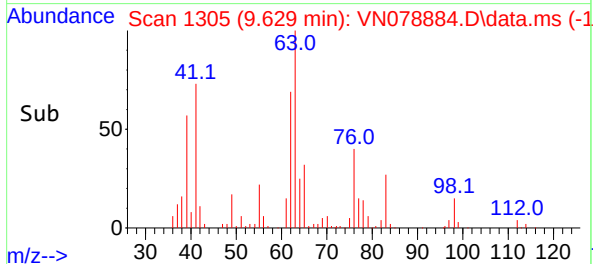
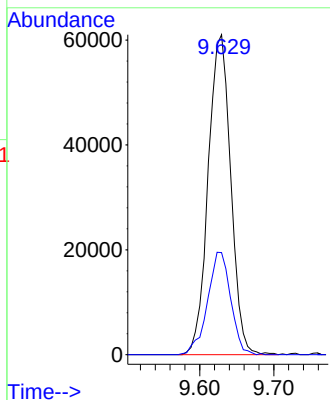
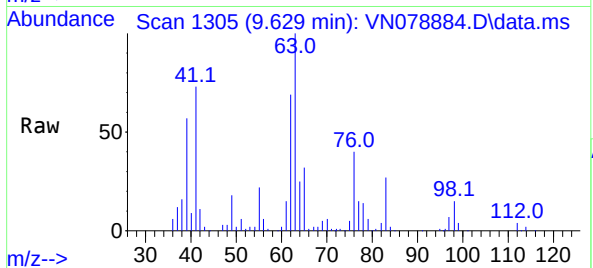
#45
1,2-Dichloropropane
Concen: 51.434 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 129238
Ion Ratio Lower Upper
63 100
65 31.9 23.9 35.9

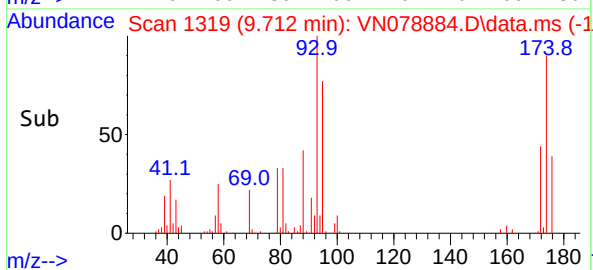
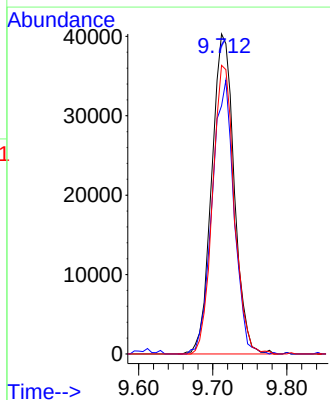
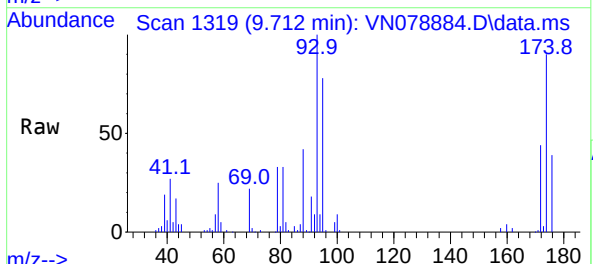
Manual Integrations
APPROVED

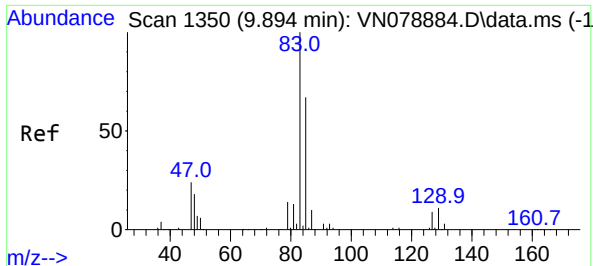
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#46
Dibromomethane
Concen: 49.217 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

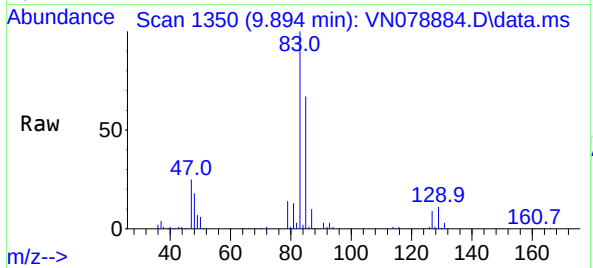
Tgt Ion: 93 Resp: 84823
Ion Ratio Lower Upper
93 100
95 83.4 63.8 95.8
174 87.1 65.6 98.4





#47
Bromodichloromethane
Concen: 50.674 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

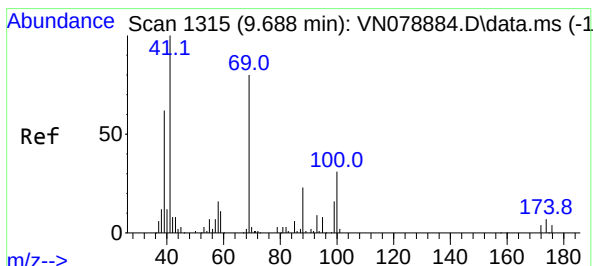
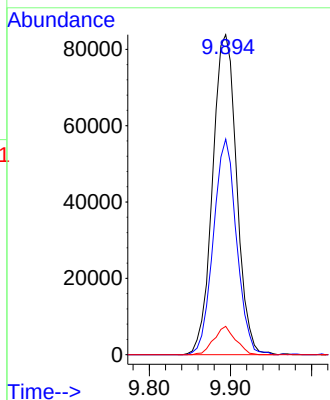
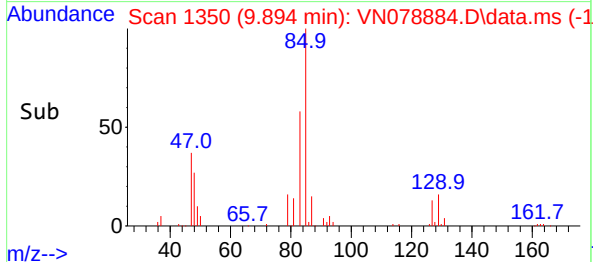
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



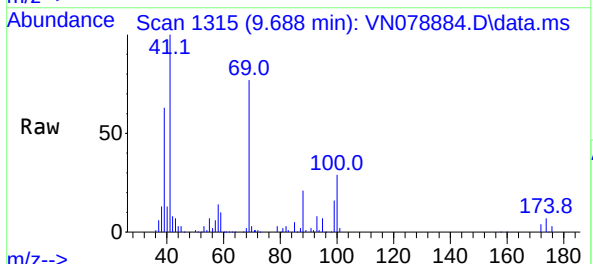
Tgt Ion: 83 Resp: 17245
Ion Ratio Lower Upper
83 100
85 67.4 49.6 74.4
127 8.9 7.0 10.6

Manual Integrations
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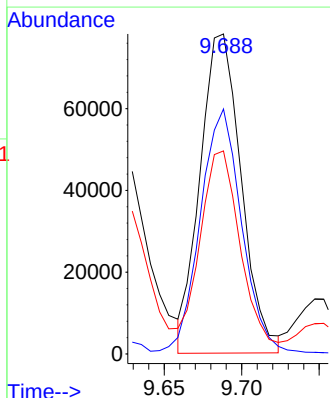
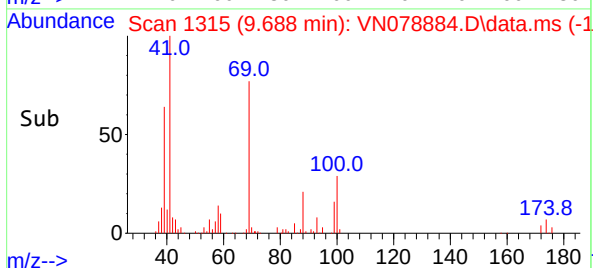
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

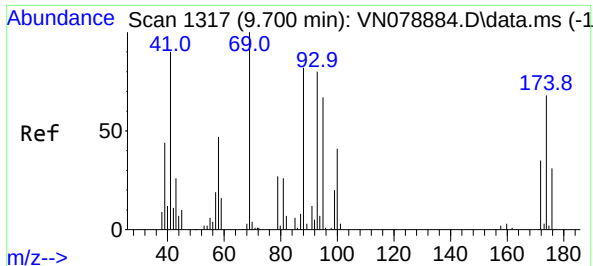


#48
Methyl methacrylate
Concen: 50.391 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



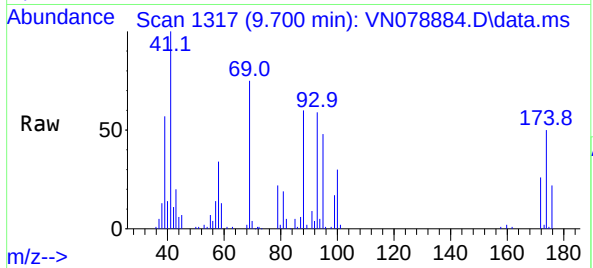
Tgt Ion: 41 Resp: 144182
Ion Ratio Lower Upper
41 100
69 77.2 90.4 135.6
39 64.0 54.6 81.8





#49
1,4-Dioxane
Concen: 1021.625 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

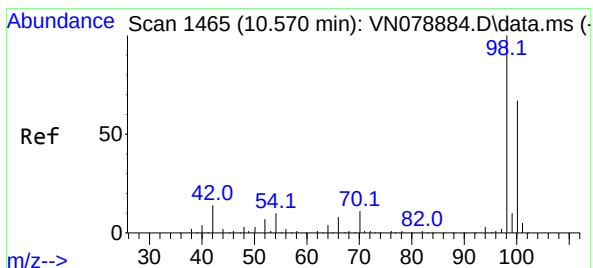
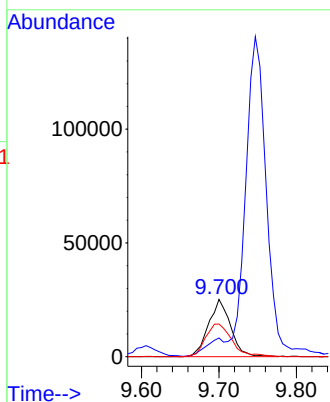
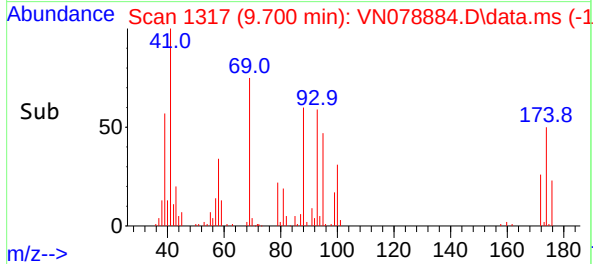
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



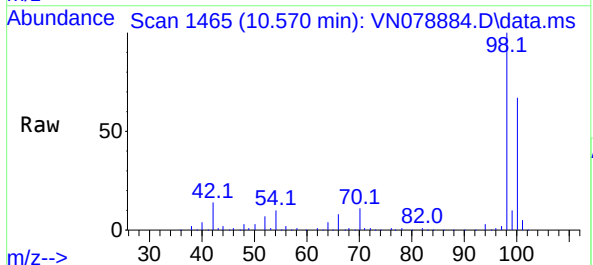
Tgt Ion: 88 Resp: 49790
Ion Ratio Lower Upper
88 100
43 25.4 17.0 25.6
58 68.4 47.0 70.4

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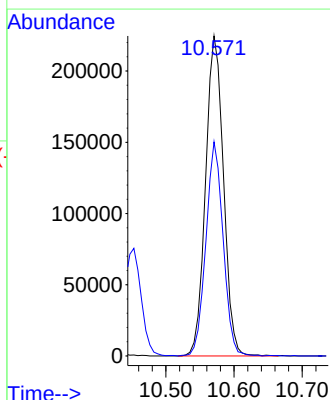
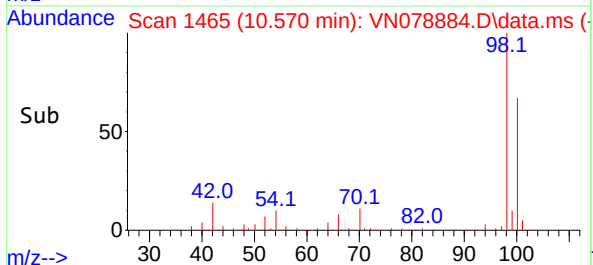
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

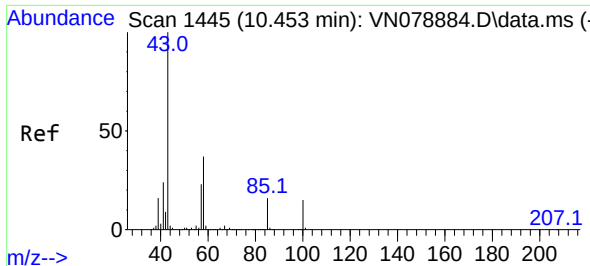


#50
Toluene-d8
Concen: 52.159 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



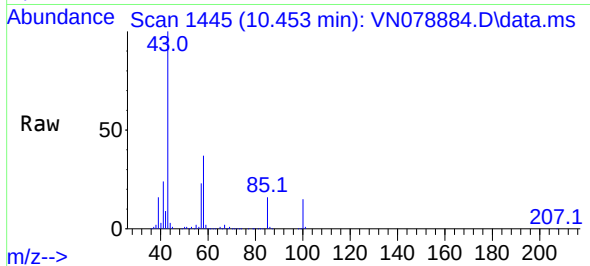
Tgt Ion: 98 Resp: 411083
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 257.319 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

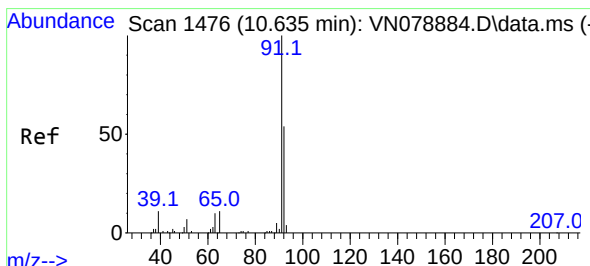
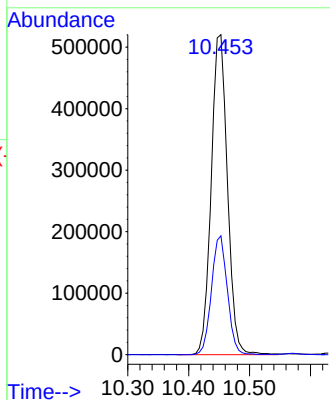
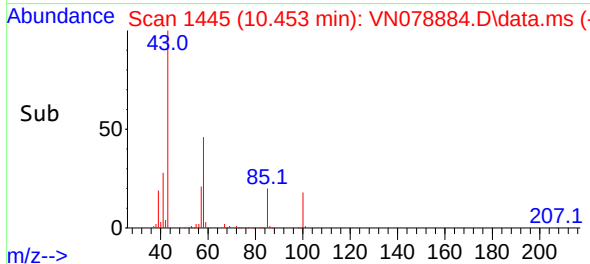
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



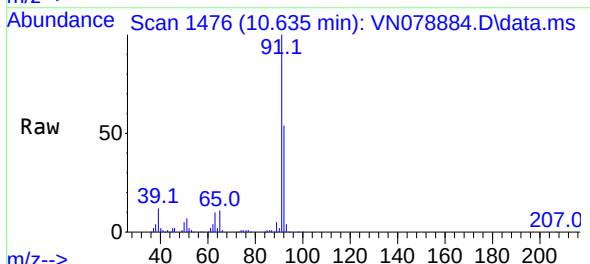
Tgt Ion: 43 Resp: 963652
Ion Ratio Lower Upper
43 100
58 36.3 36.6 54.8

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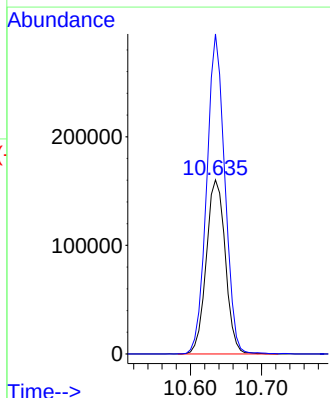
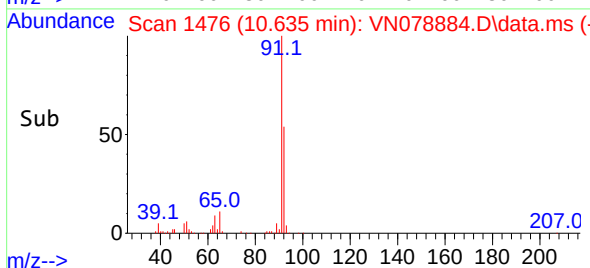
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

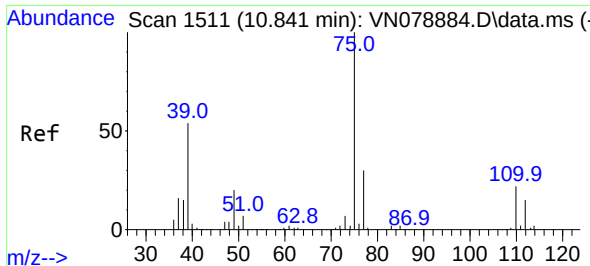


#52
Toluene
Concen: 51.484 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



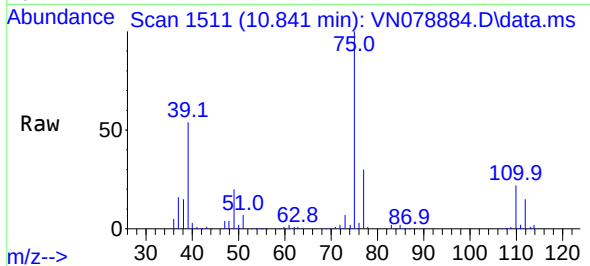
Tgt Ion: 92 Resp: 298311
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 52.940 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078884.D
 Acq: 15 Aug 2023 12:13

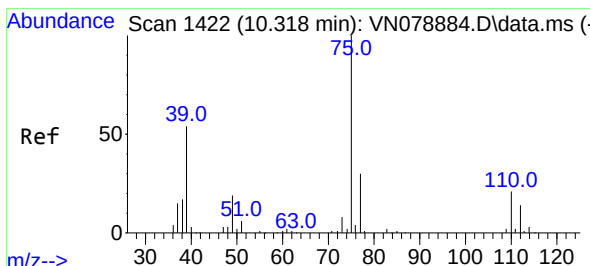
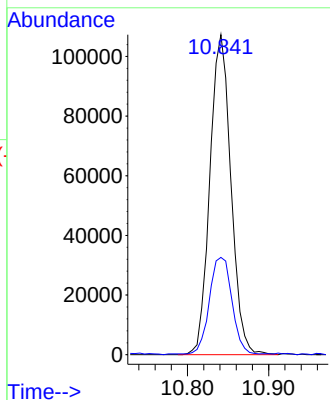
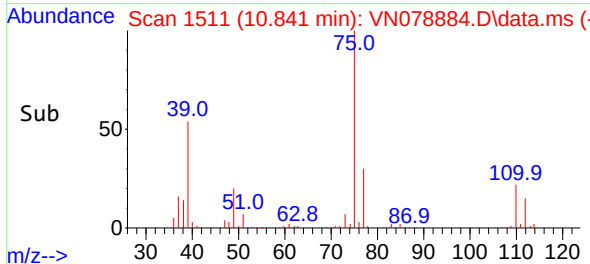
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



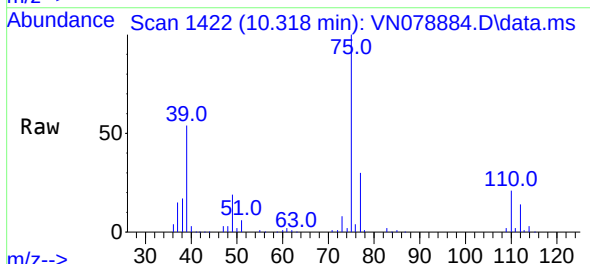
Tgt Ion: 75 Resp: 193208
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0

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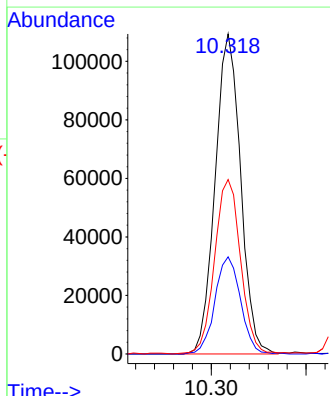
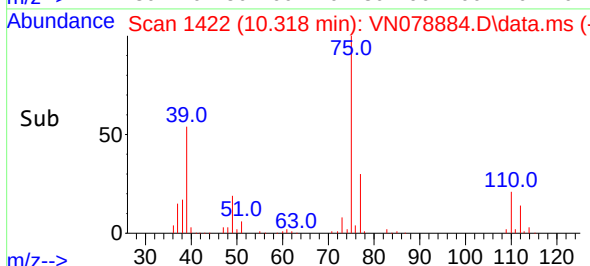
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

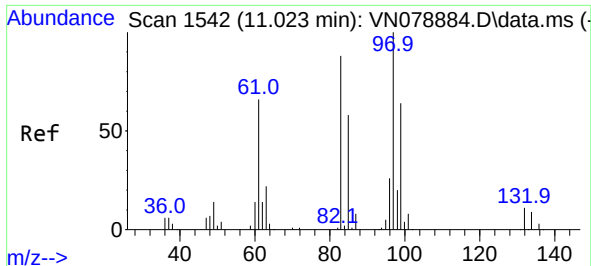


#54
 cis-1,3-Dichloropropene
 Concen: 51.386 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078884.D
 Acq: 15 Aug 2023 12:13



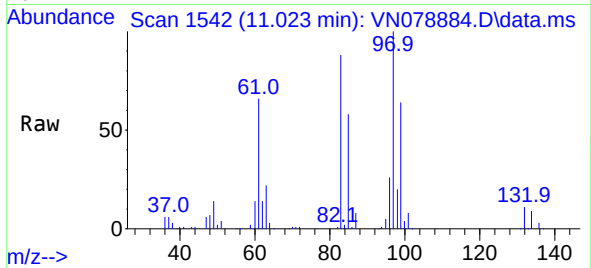
Tgt Ion: 75 Resp: 204247
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 54.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.614 ug/l
RT: 11.023 min Scan# 117590
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

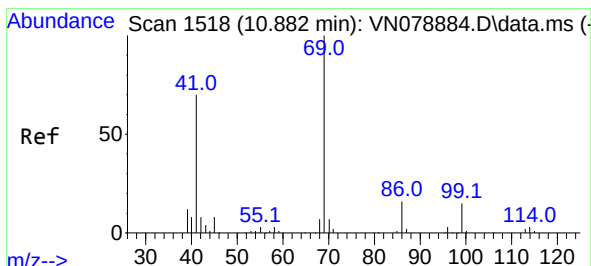
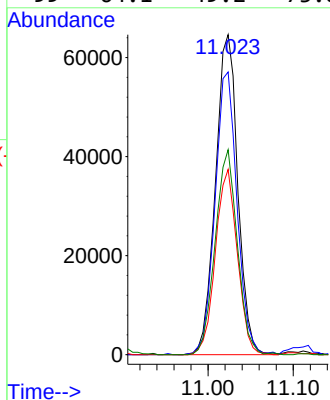
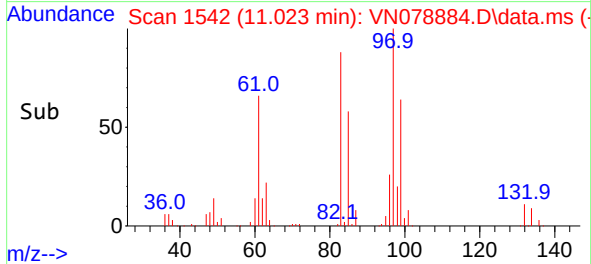


Tgt Ion: 97 Resp: 117590

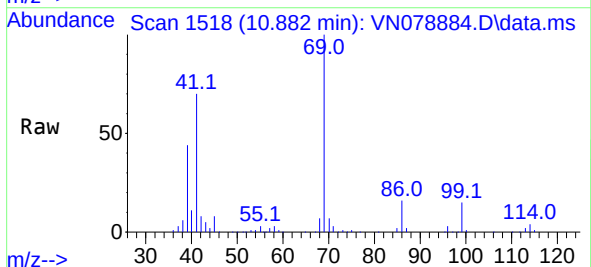
Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.1	97.7
85	57.9	43.4	65.2
99	64.1	49.2	73.8

Manual Integrations
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Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

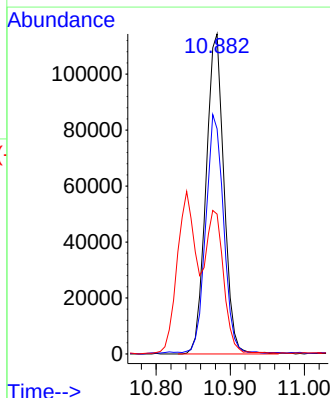
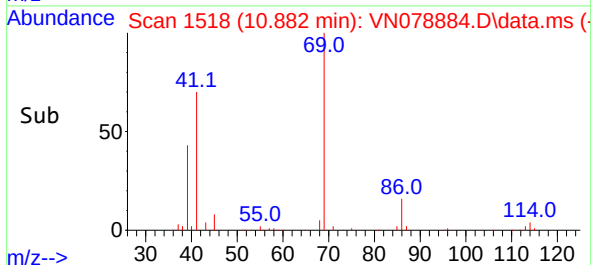


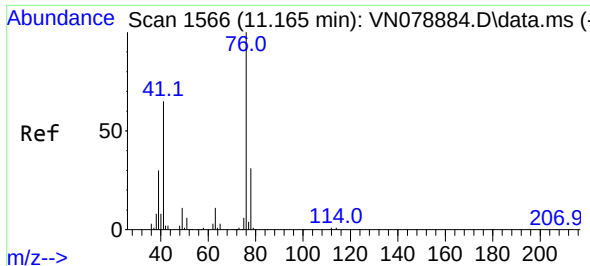
#56
Ethyl methacrylate
Concen: 53.210 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



Tgt Ion: 69 Resp: 191632

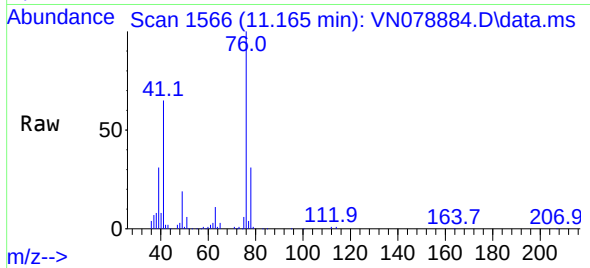
Ion	Ratio	Lower	Upper
69	100		
41	74.3	39.6	59.4#
39	45.4	28.6	43.0#





#57
1,3-Dichloropropane
Concen: 50.248 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

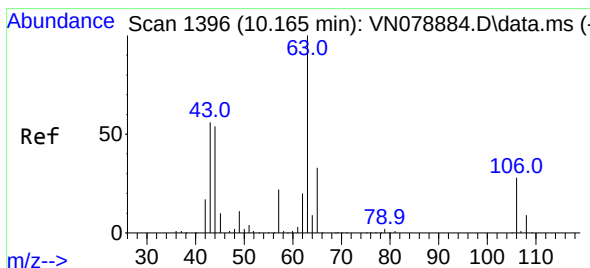
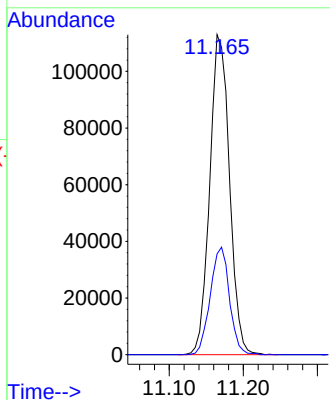
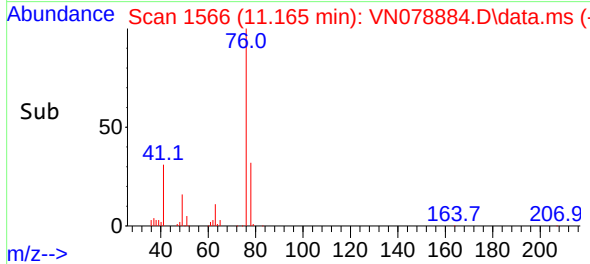
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 208800
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

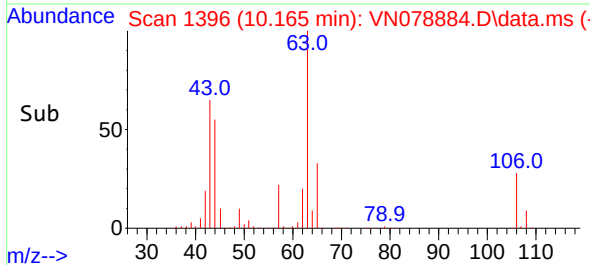
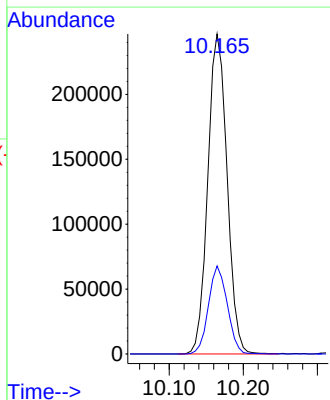
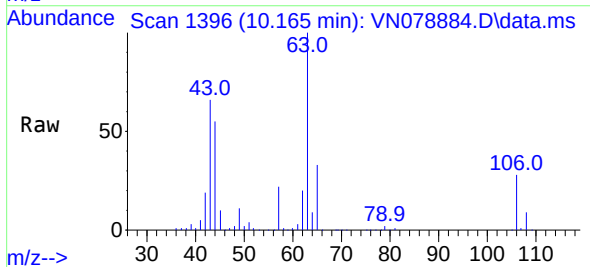
Manual Integrations
APPROVED

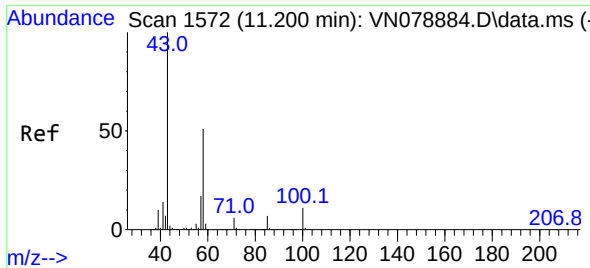
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#58
2-Chloroethyl Vinyl ether
Concen: 257.641 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

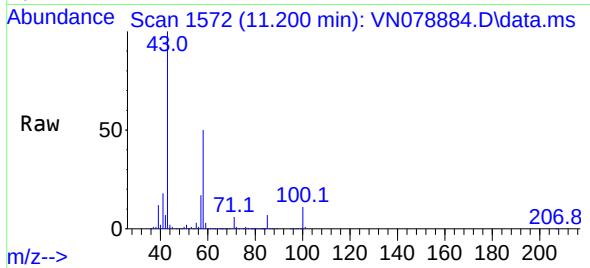
Tgt Ion: 63 Resp: 445401
Ion Ratio Lower Upper
63 100
106 26.9 26.2 39.4





#59
2-Hexanone
Concen: 261.709 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

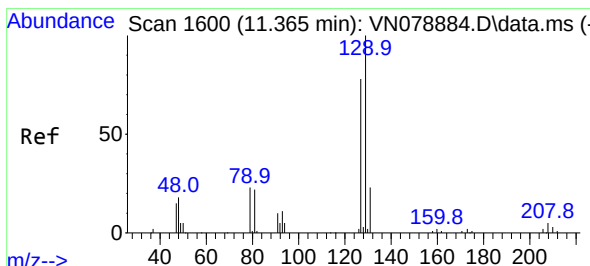
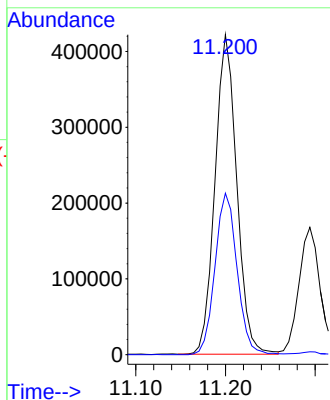
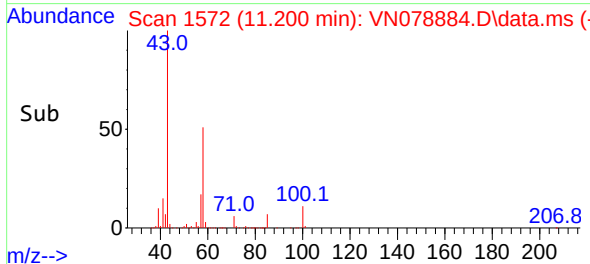
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



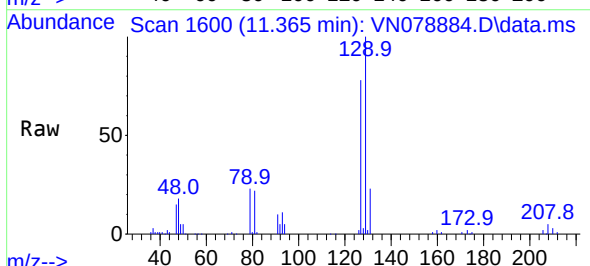
Tgt Ion: 43 Resp: 70988
Ion Ratio Lower Upper
43 100
58 51.3 31.7 95.1

Manual Integrations
APPROVED

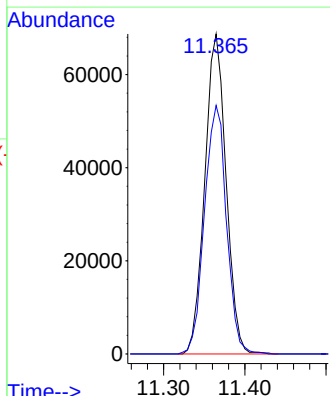
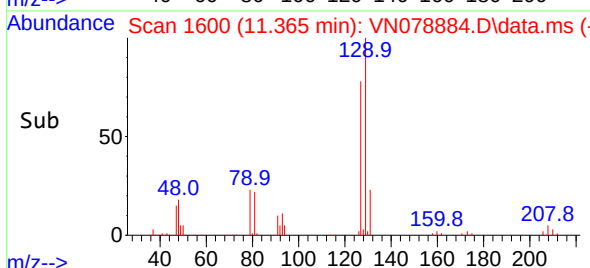
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

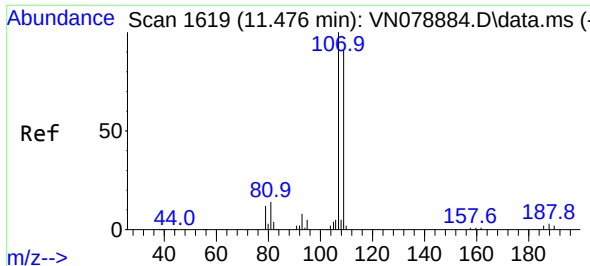


#60
Dibromochloromethane
Concen: 51.200 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



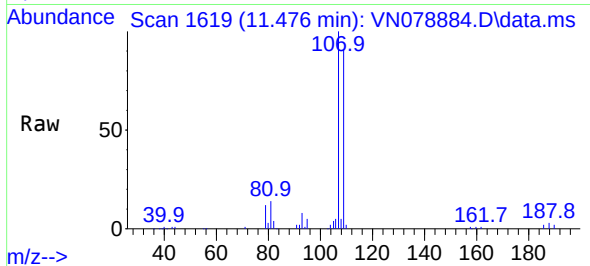
Tgt Ion:129 Resp: 125175
Ion Ratio Lower Upper
129 100
127 80.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.515 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

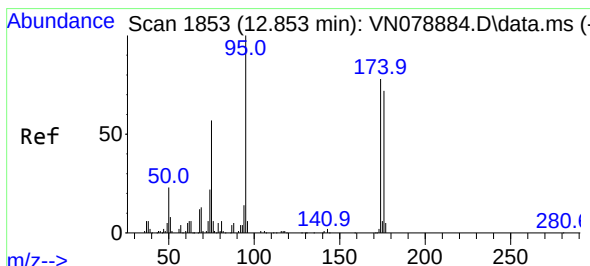
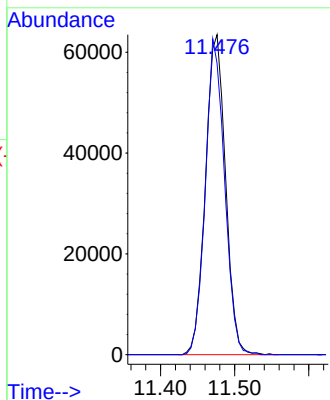
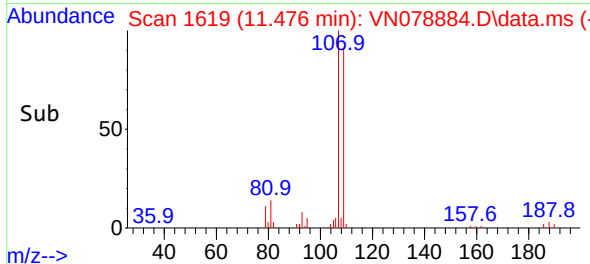
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



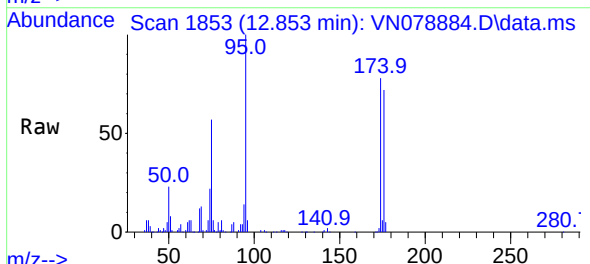
Tgt Ion:107 Resp: 119264
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

Manual Integrations
APPROVED

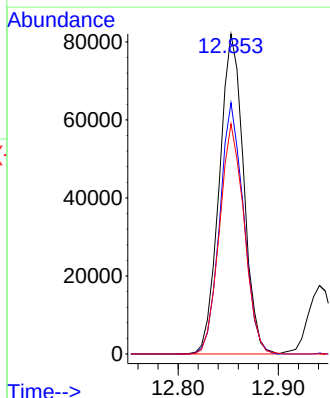
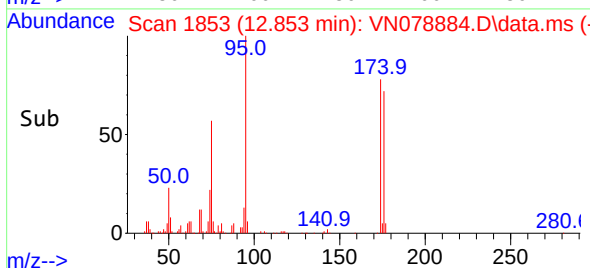
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

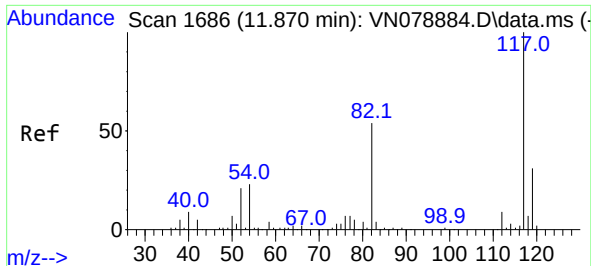


#62
4-Bromofluorobenzene
Concen: 53.423 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



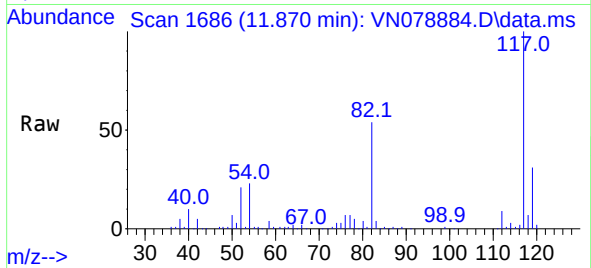
Tgt Ion: 95 Resp: 137622
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 72.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

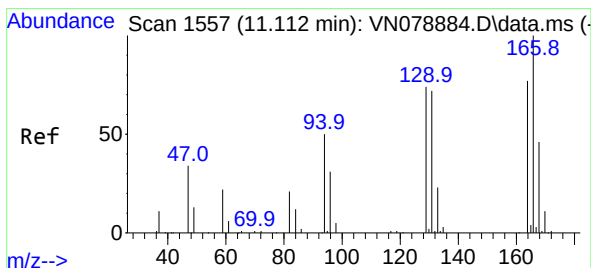
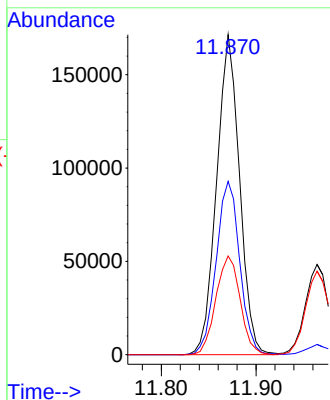
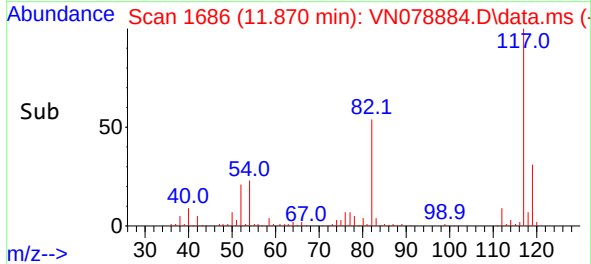
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 288409
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 30.9 25.6 38.4

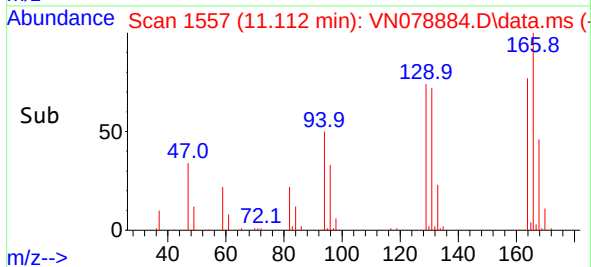
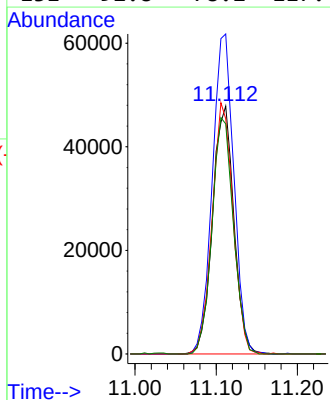
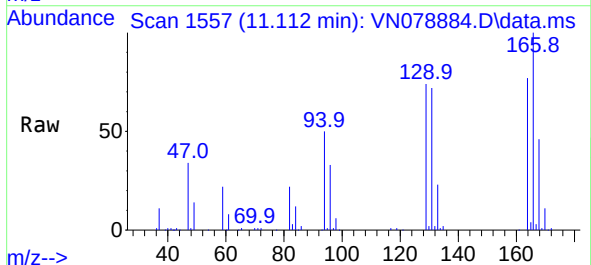
Manual Integrations
APPROVED

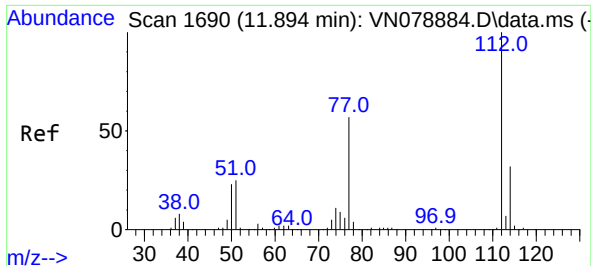
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#64
Tetrachloroethene
Concen: 48.470 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

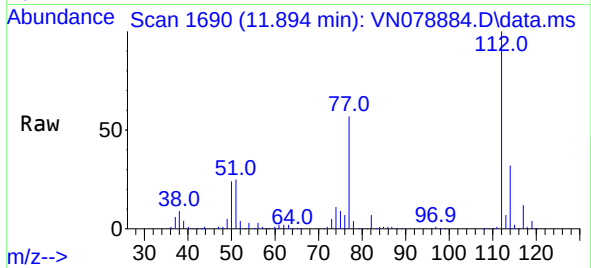
Tgt Ion:164 Resp: 87667
Ion Ratio Lower Upper
164 100
166 129.1 101.4 152.0
129 94.9 82.4 123.6
131 92.8 78.2 117.4





#65
Chlorobenzene
Concen: 50.706 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

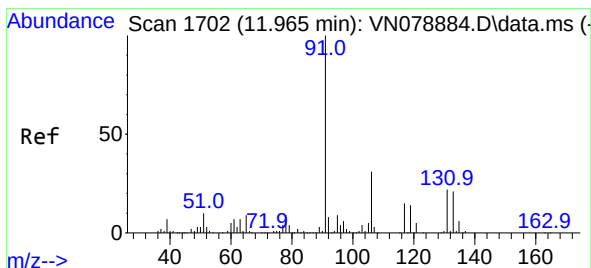
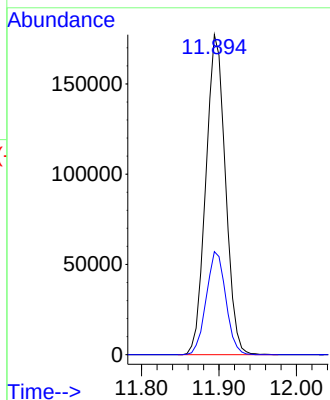
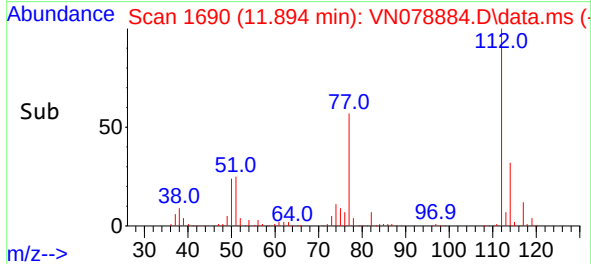
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 311290
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

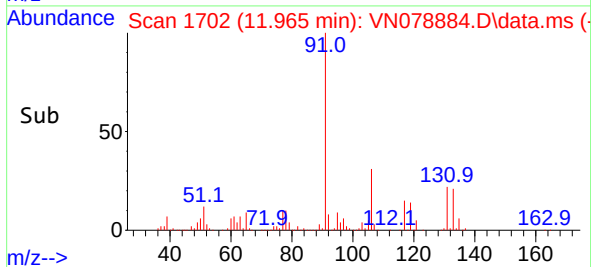
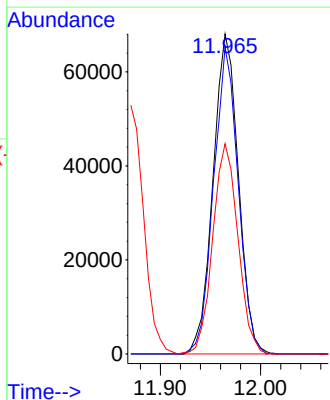
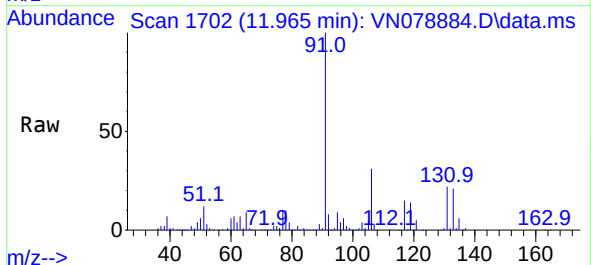
Manual Integrations
APPROVED

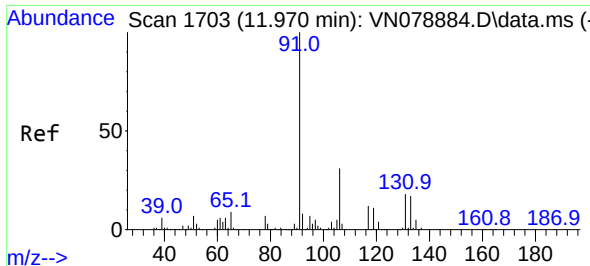
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.523 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

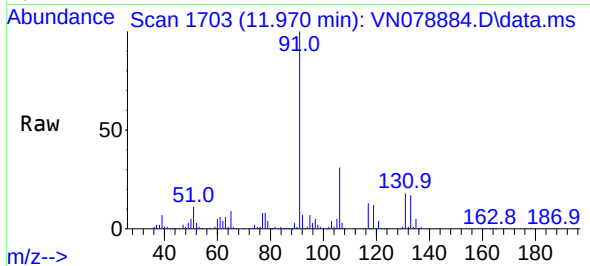
Tgt Ion:131 Resp: 119537
Ion Ratio Lower Upper
131 100
133 93.0 46.4 139.1
119 65.3 34.1 102.2





#67
Ethyl Benzene
Concen: 50.555 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

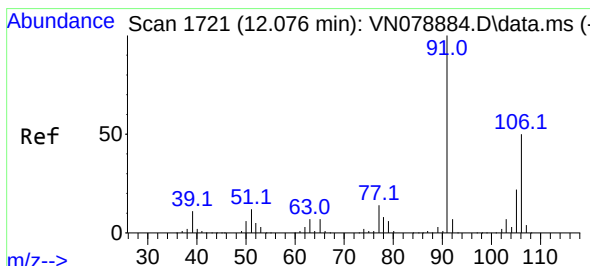
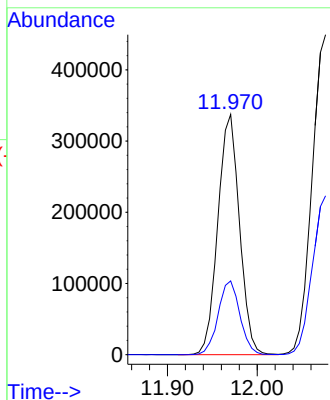
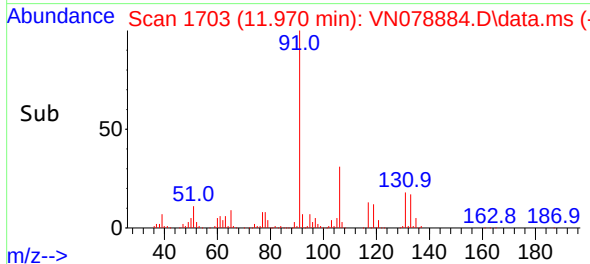
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



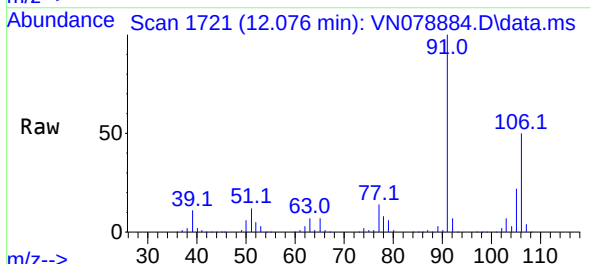
Tgt Ion: 91 Resp: 56440
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

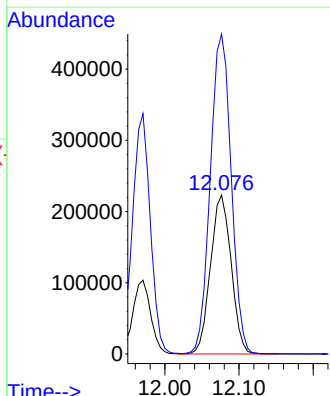
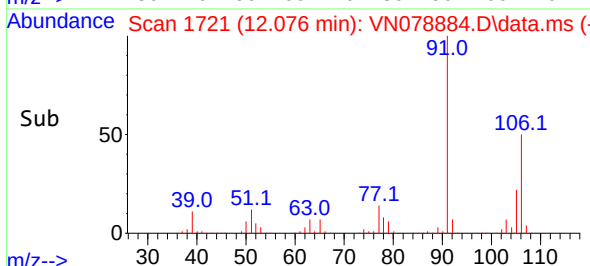
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

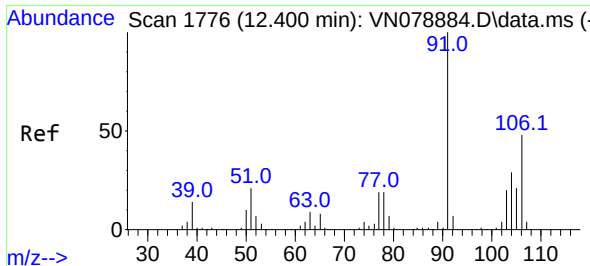


#68
m/p-Xylenes
Concen: 103.322 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



Tgt Ion:106 Resp: 431275
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4





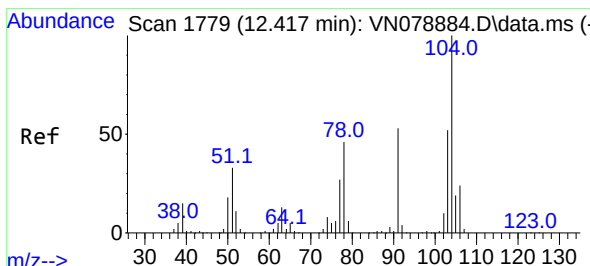
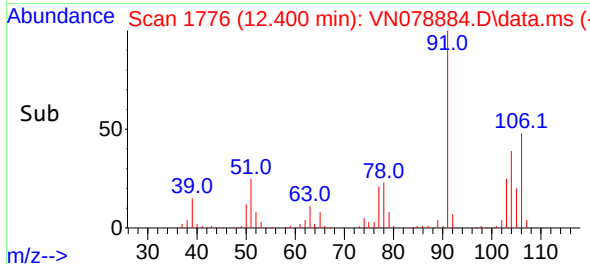
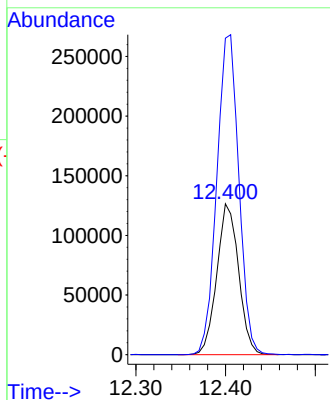
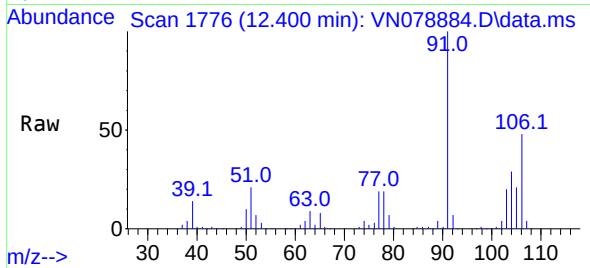
#69
o-Xylene
Concen: 52.474 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 21306
Ion Ratio Lower Upper
106 100
91 214.5 105.2 315.5

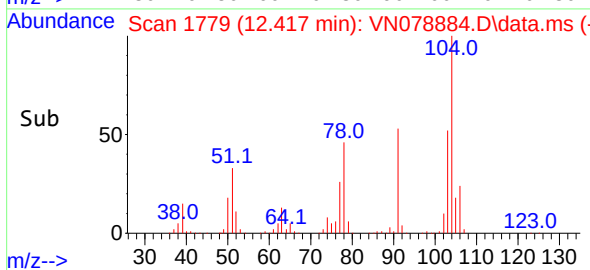
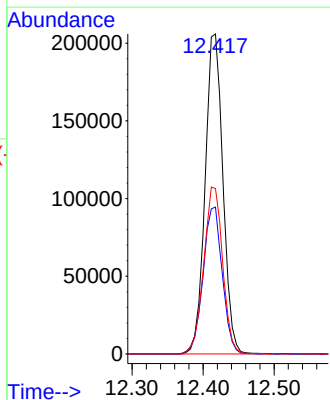
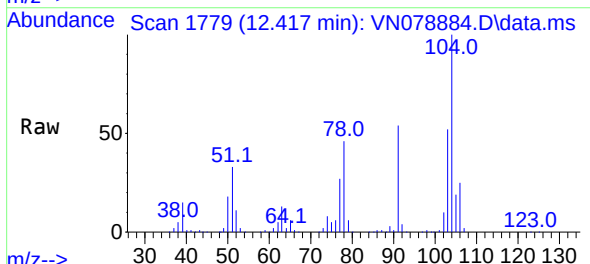
Manual Integrations
APPROVED

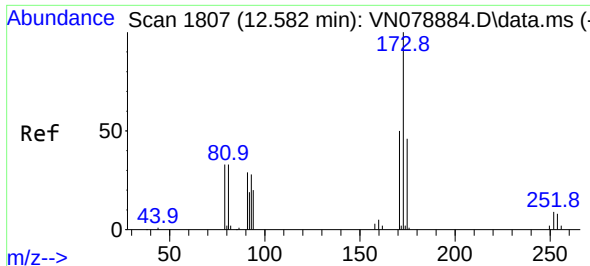
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#70
Styrene
Concen: 53.081 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

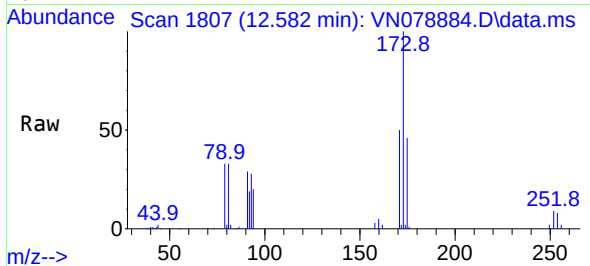
Tgt Ion:104 Resp: 359387
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 51.715 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

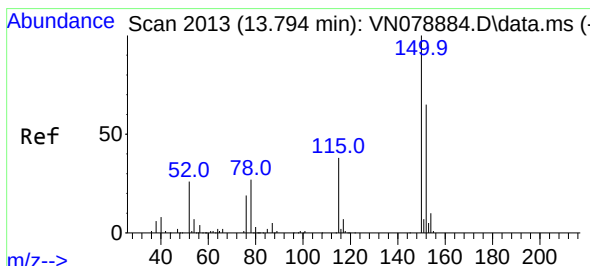
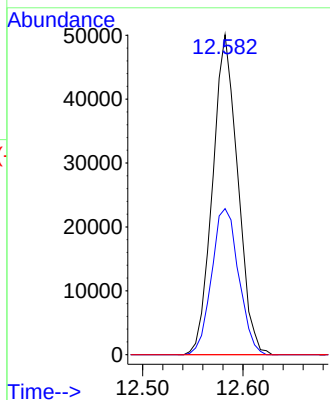
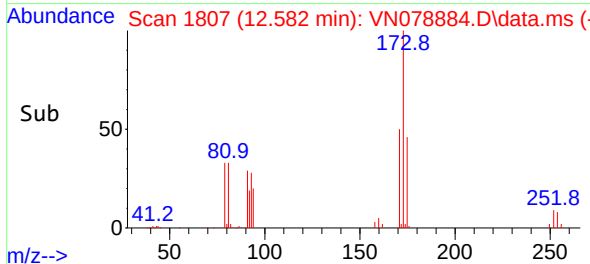
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



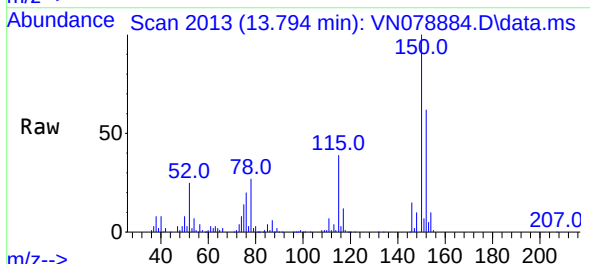
Tgt Ion:173 Resp: 87228
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

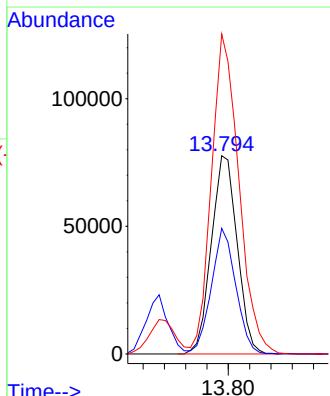
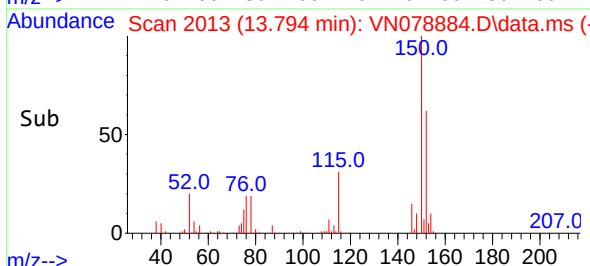
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

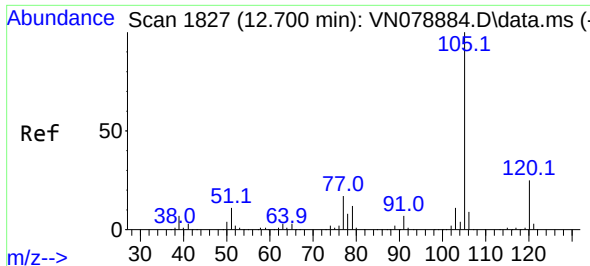


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



Tgt Ion:152 Resp: 131043
Ion Ratio Lower Upper
152 100
115 59.7 32.3 96.8
150 170.6 0.0 355.8





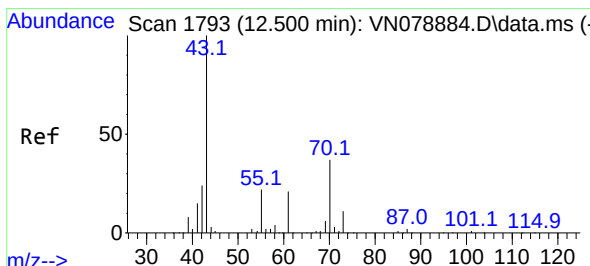
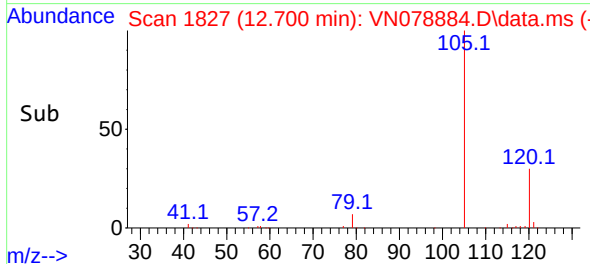
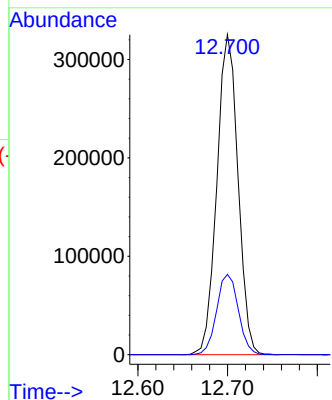
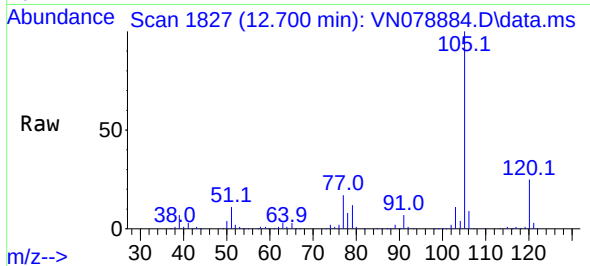
#73
Isopropylbenzene
Concen: 48.592 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 53094
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

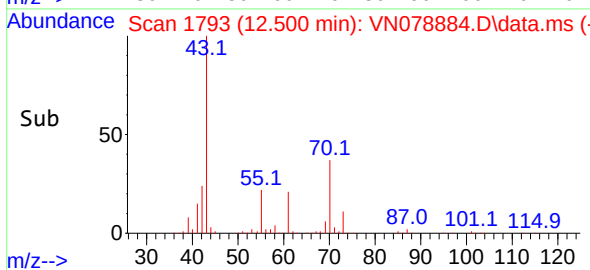
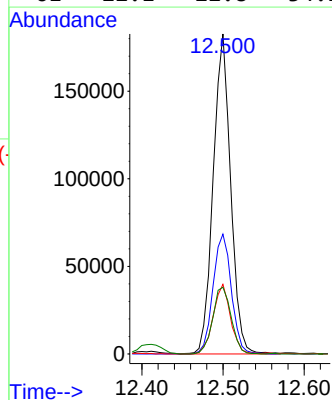
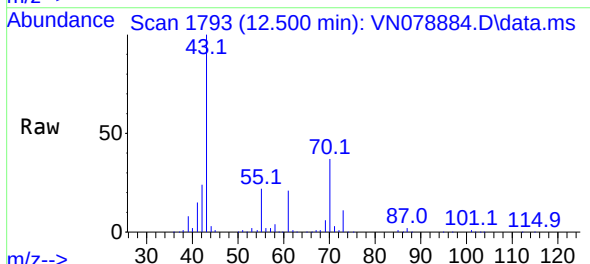
Manual Integrations
APPROVED

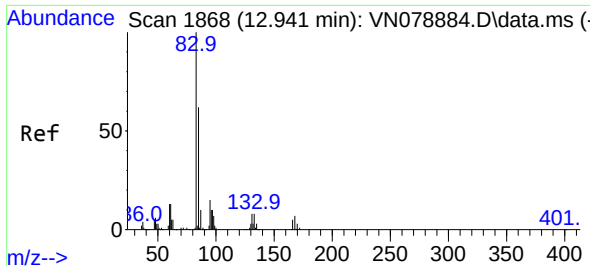
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#74
N-ethyl acetate
Concen: 49.508 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

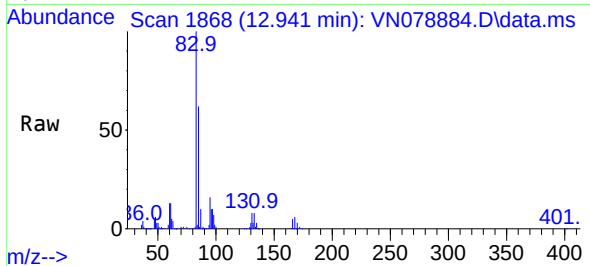
Tgt Ion: 43 Resp: 273055
Ion Ratio Lower Upper
43 100
70 39.3 43.4 65.2#
55 21.7 21.4 32.0
61 22.1 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 46.382 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

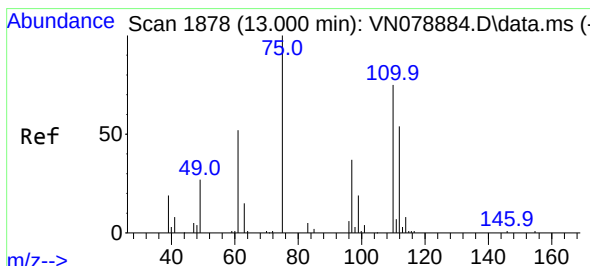
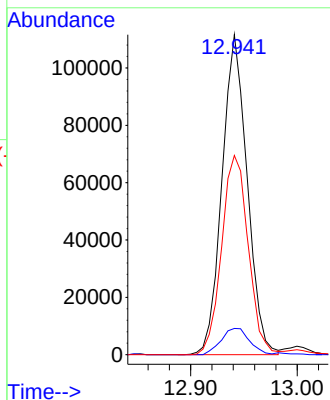
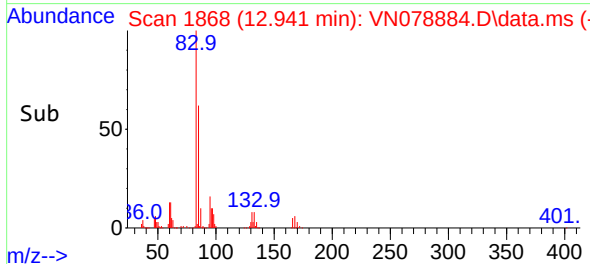
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 182990
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 65.7 31.9 95.7

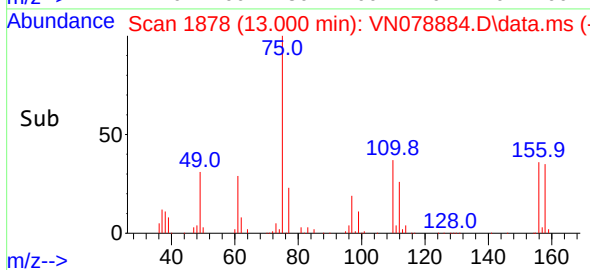
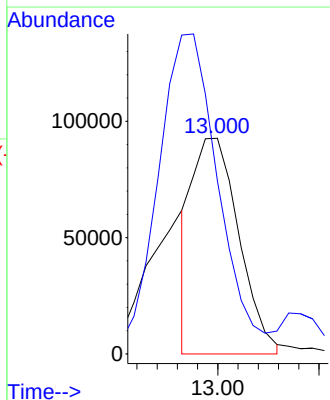
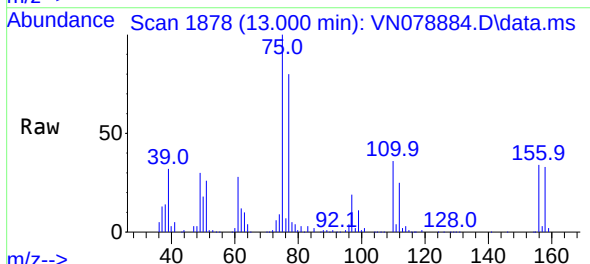
Manual Integrations
APPROVED

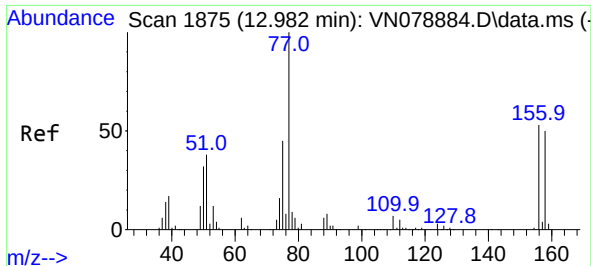
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#76
1,2,3-Trichloropropane
Concen: 30.458 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

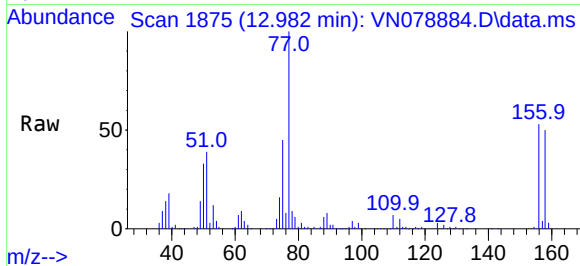
Tgt Ion: 75 Resp: 148091
Ion Ratio Lower Upper
75 100
77 192.0 84.5 253.5





#77
Bromobenzene
Concen: 48.619 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

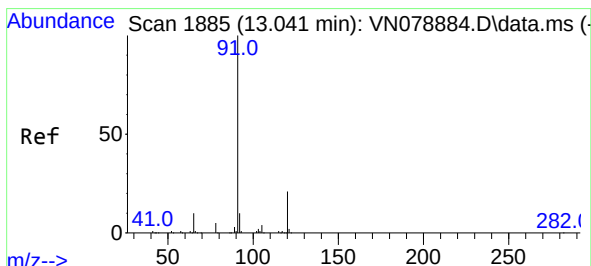
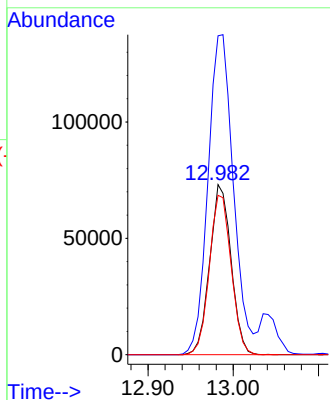
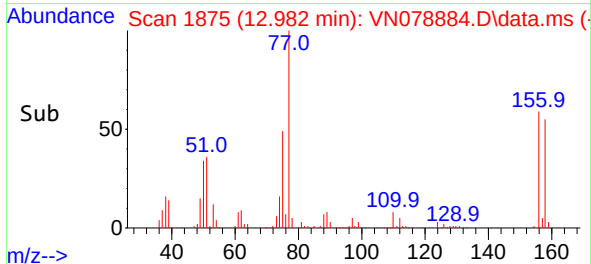
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



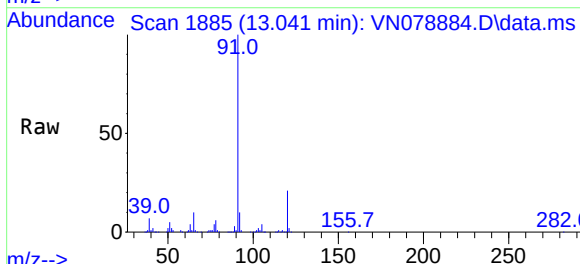
Tgt Ion:156 Resp: 127694
Ion Ratio Lower Upper
156 100
77 222.7 107.7 323.3
158 95.6 48.4 145.3

Manual Integrations
APPROVED

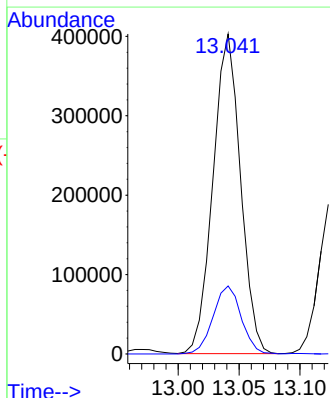
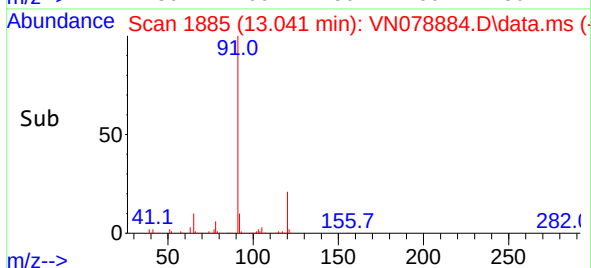
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

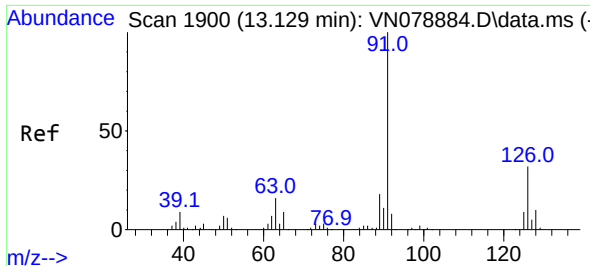


#78
n-propylbenzene
Concen: 49.944 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



Tgt Ion: 91 Resp: 632813
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





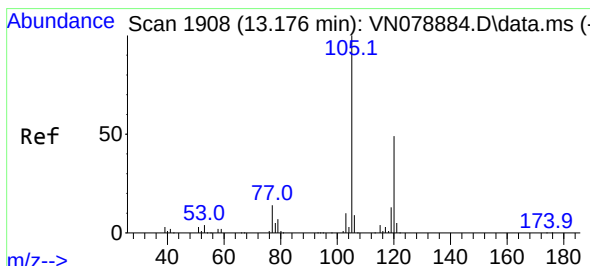
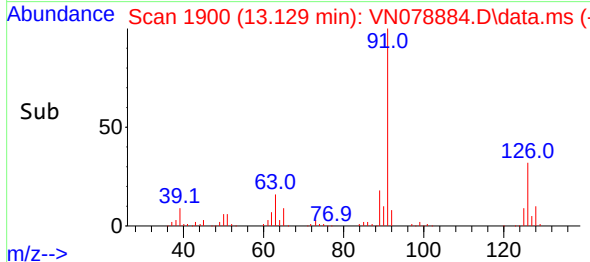
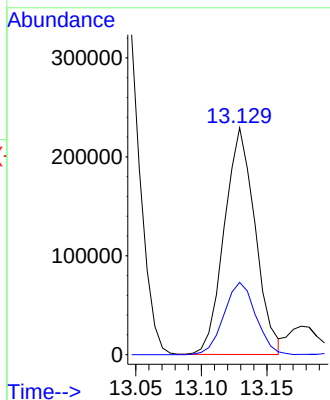
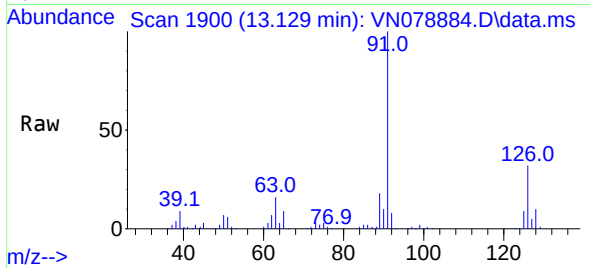
#79
2-Chlorotoluene
Concen: 47.720 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 37506
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

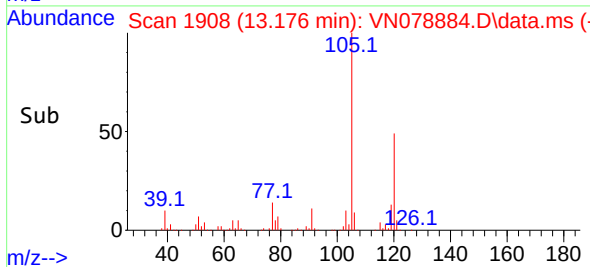
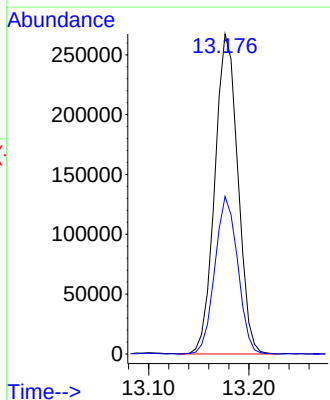
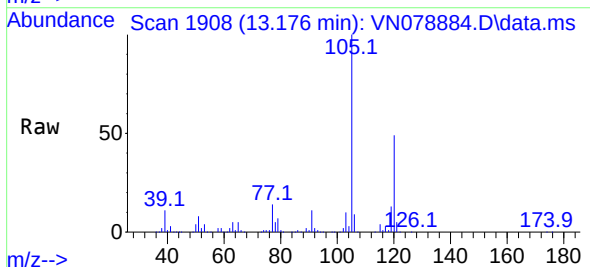
Manual Integrations
APPROVED

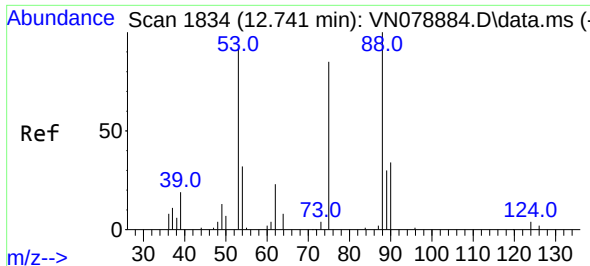
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.255 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

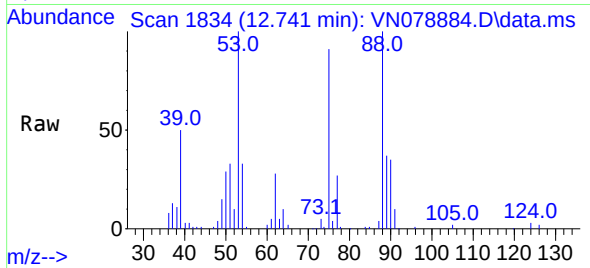
Tgt Ion:105 Resp: 426500
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.341 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

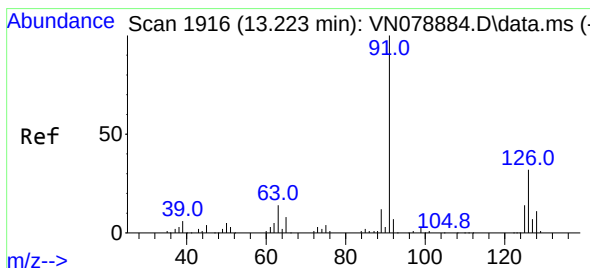
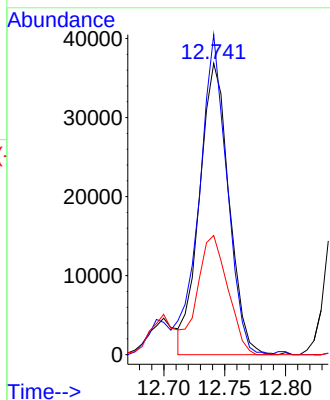
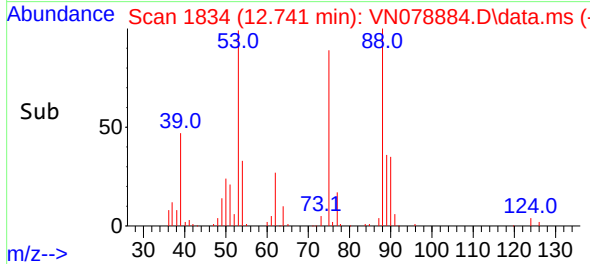
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



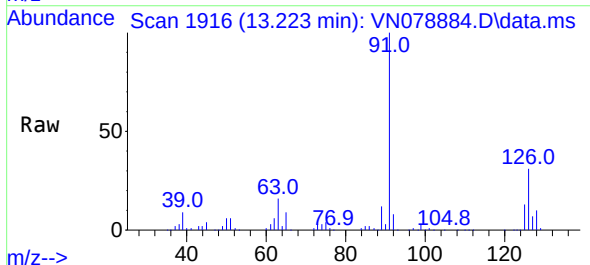
Tgt Ion: 75 Resp: 6222
Ion Ratio Lower Upper
75 100
53 112.4 67.4 101.2
89 42.3 38.8 58.2

Manual Integrations
APPROVED

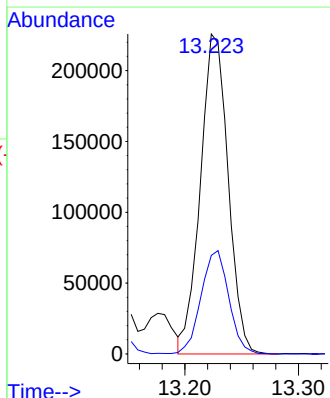
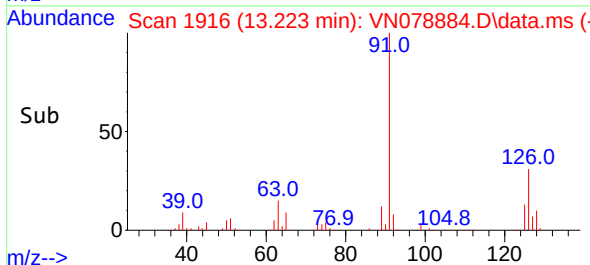
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

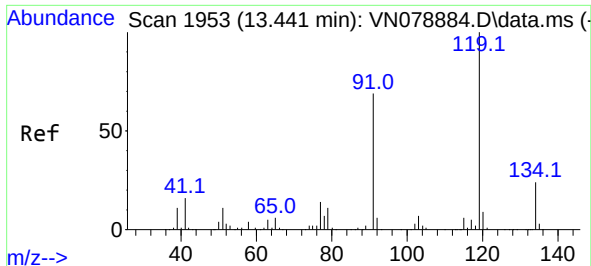


#82
4-Chlorotoluene
Concen: 49.820 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



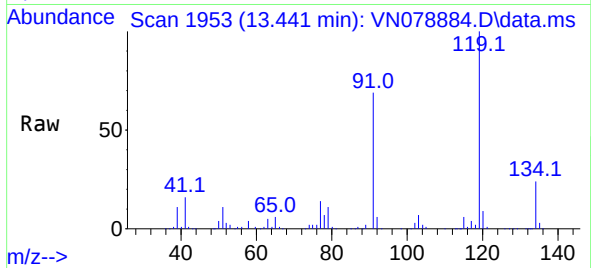
Tgt Ion: 91 Resp: 383141
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 50.150 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

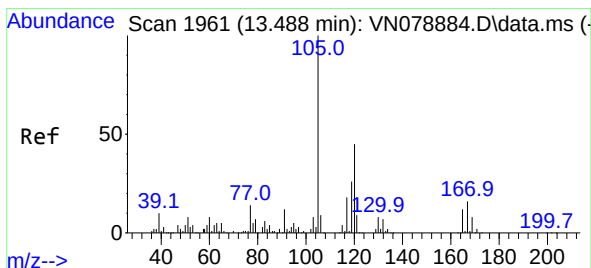
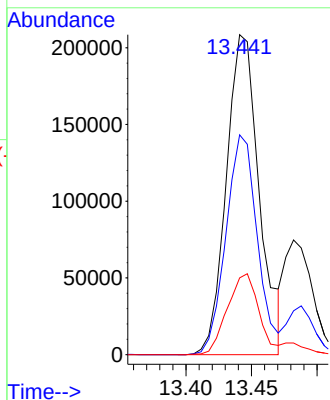
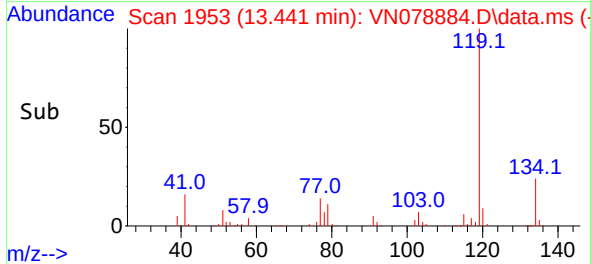
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



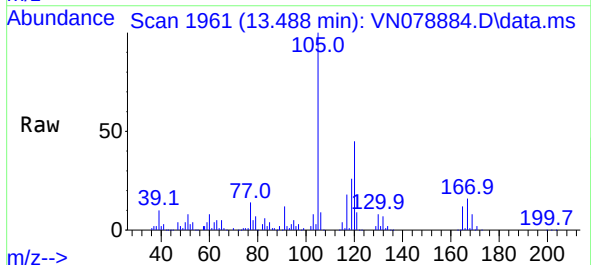
Tgt Ion:119 Resp: 36485
Ion Ratio Lower Upper
119 100
91 65.5 33.9 101.7
134 24.2 13.2 39.6

Manual Integrations
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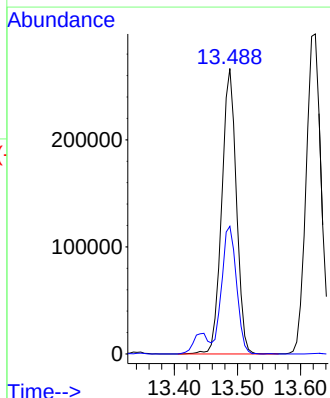
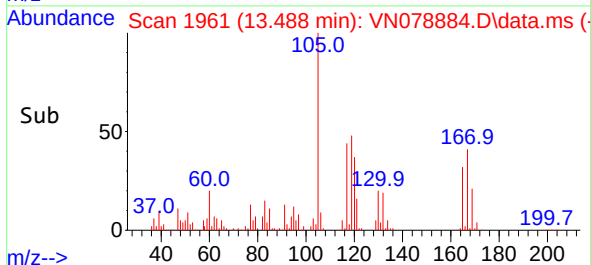
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

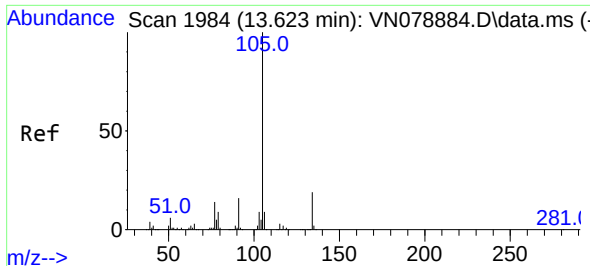


#84
1,2,4-Trimethylbenzene
Concen: 50.136 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



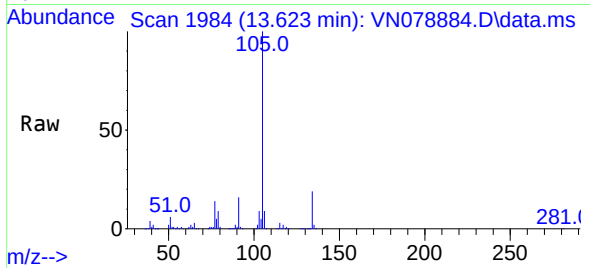
Tgt Ion:105 Resp: 429858
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.230 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078884.D
 Acq: 15 Aug 2023 12:13

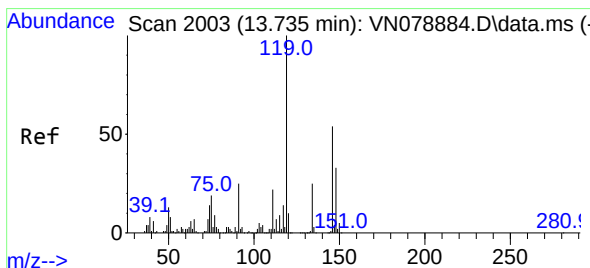
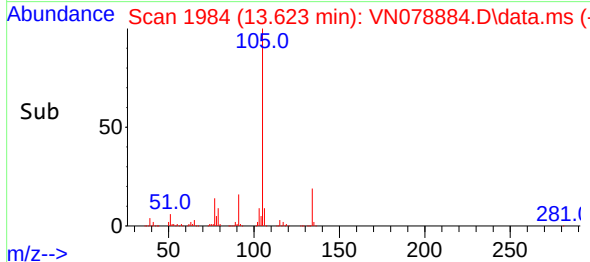
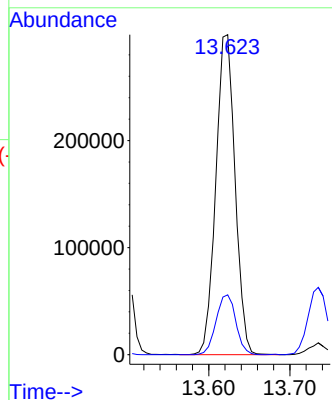
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 492908
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

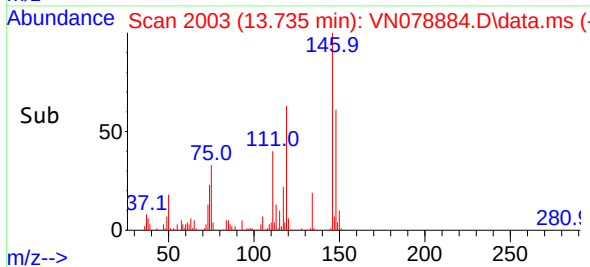
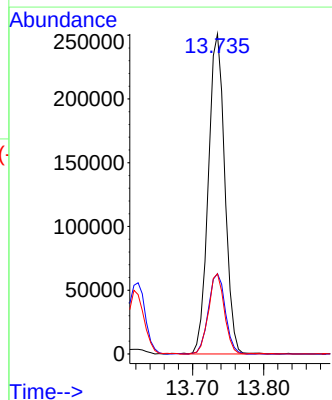
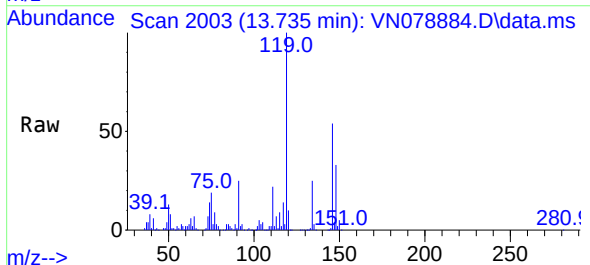
Manual Integrations
 APPROVED

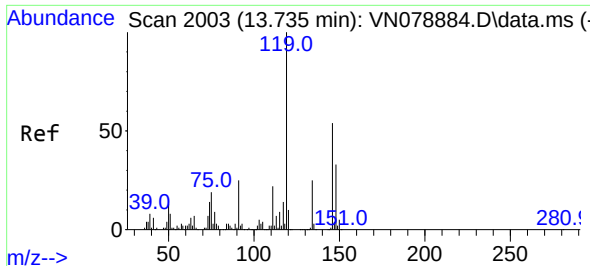
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#86
 p-Isopropyltoluene
 Concen: 50.549 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078884.D
 Acq: 15 Aug 2023 12:13

Tgt Ion:119 Resp: 404359
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.242 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN078884.D

Acq: 15 Aug 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 227064

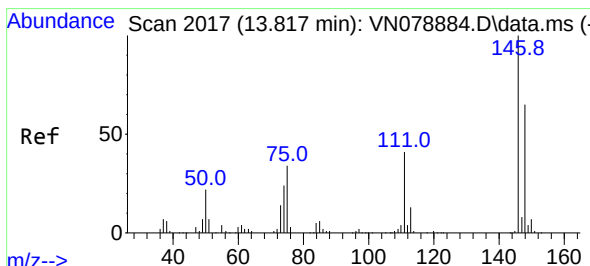
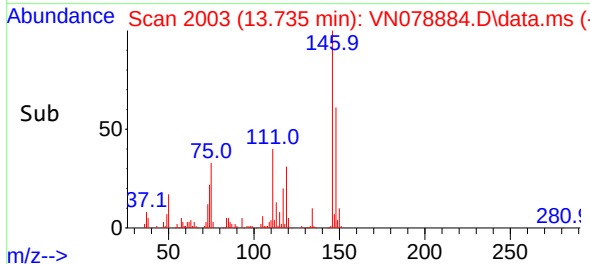
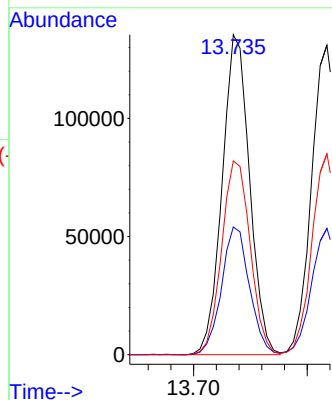
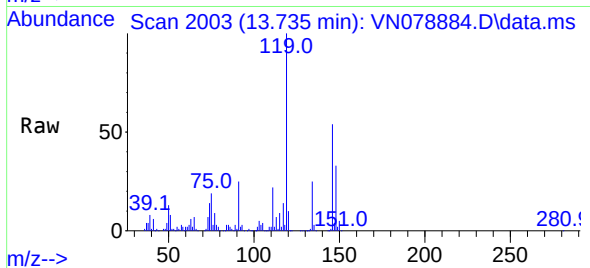
Ion	Ratio	Lower	Upper
146	100		
111	40.7	22.1	66.3
148	63.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#88

1,4-Dichlorobenzene

Concen: 49.316 ug/l

RT: 13.817 min Scan# 2017

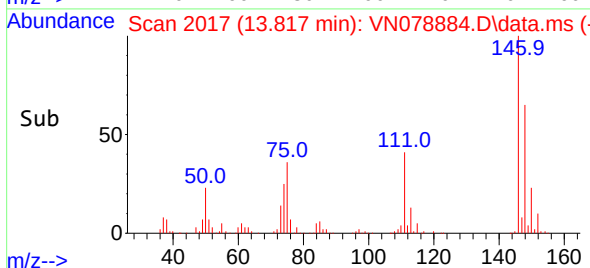
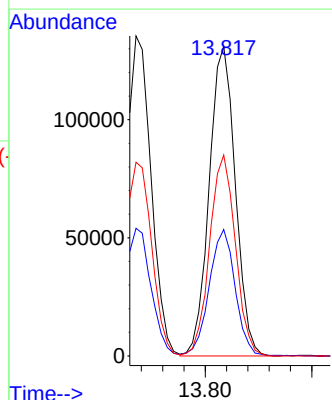
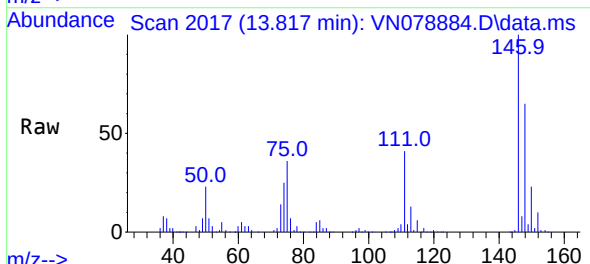
Delta R.T. -0.001 min

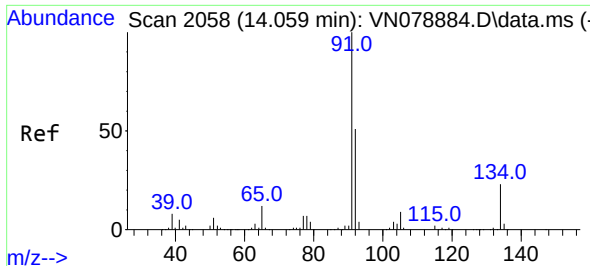
Lab File: VN078884.D

Acq: 15 Aug 2023 12:13

Tgt Ion:146 Resp: 223082

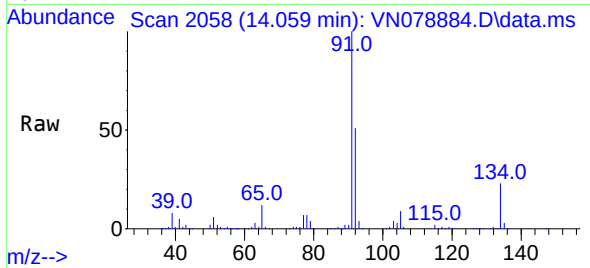
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	63.9	31.6	94.8





#89
n-Butylbenzene
Concen: 51.915 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

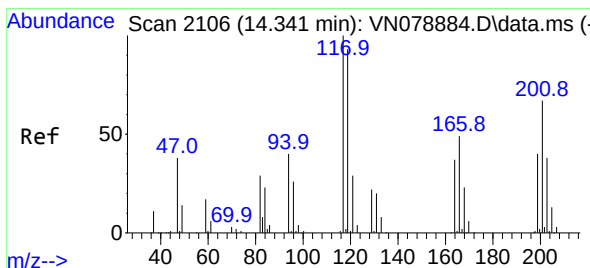
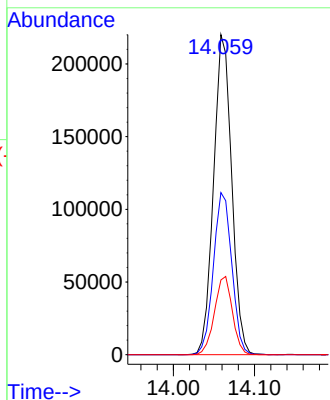
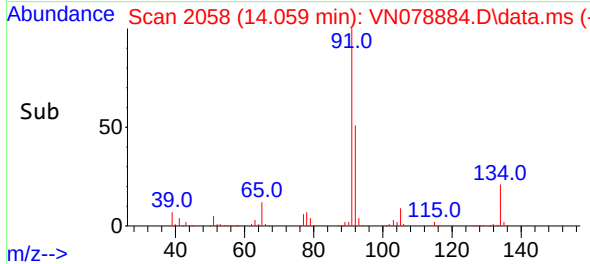
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 34176
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 24.2 12.6 37.6

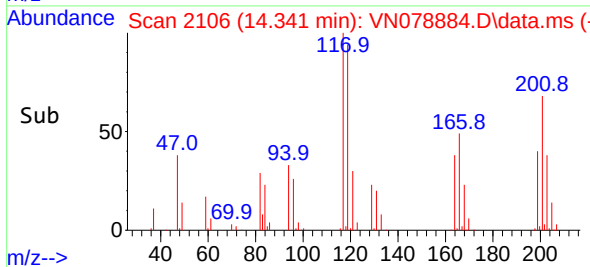
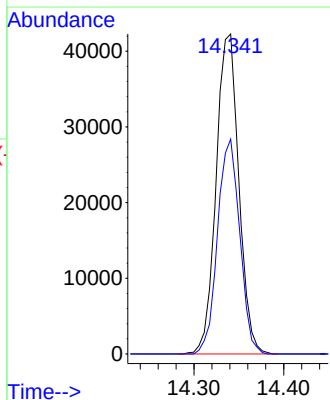
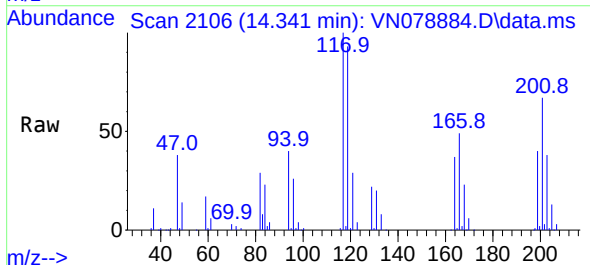
Manual Integrations
APPROVED

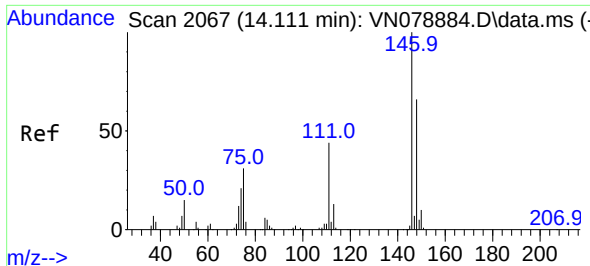
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#90
Hexachloroethane
Concen: 46.286 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

Tgt Ion:117 Resp: 74221
Ion Ratio Lower Upper
117 100
201 65.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 48.697 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078884.D

Acq: 15 Aug 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 21886

Ion Ratio Lower Upper

146 100

111 42.3 22.0 66.0

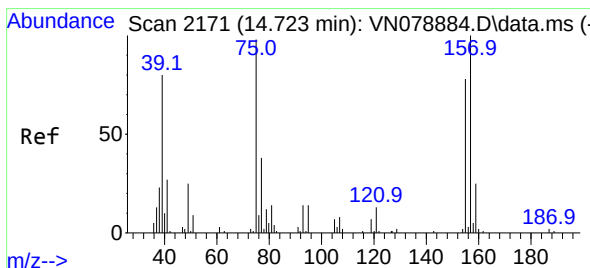
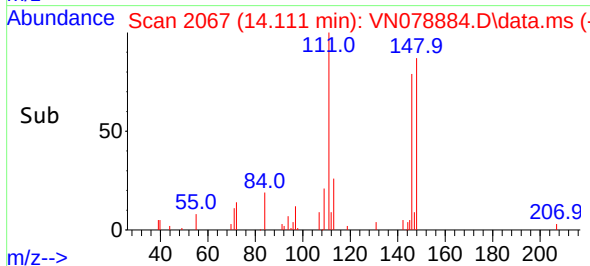
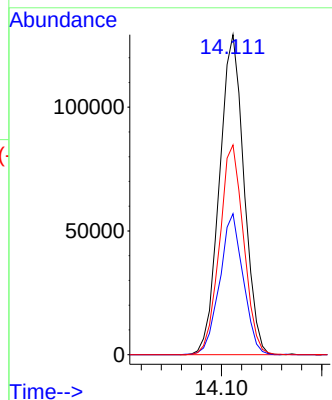
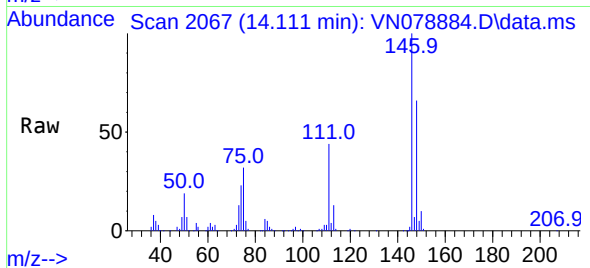
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.728 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078884.D

Acq: 15 Aug 2023 12:13

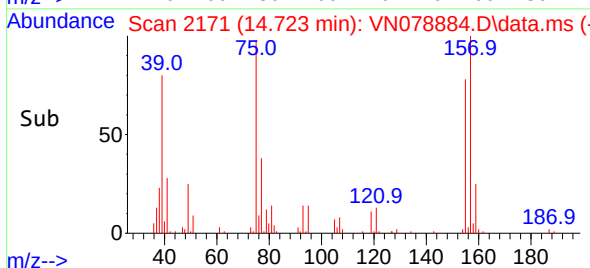
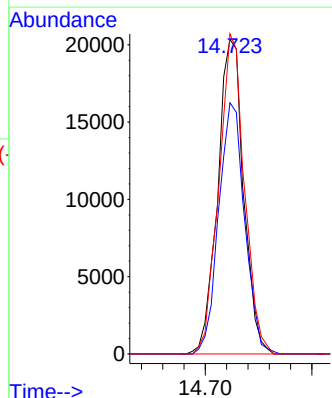
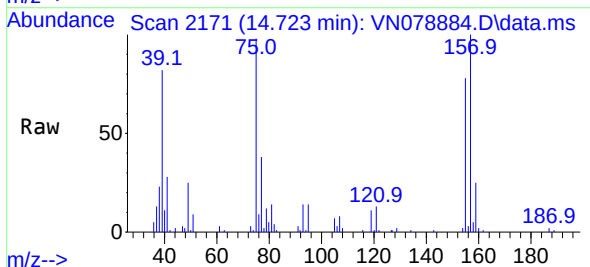
Tgt Ion: 75 Resp: 34247

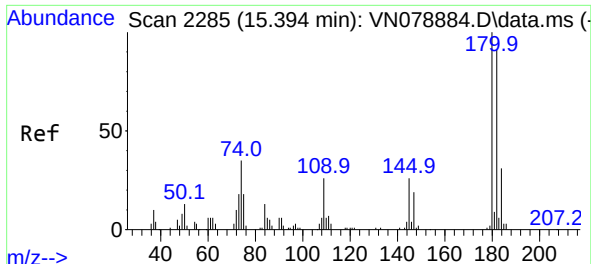
Ion Ratio Lower Upper

75 100

155 80.2 39.1 117.2

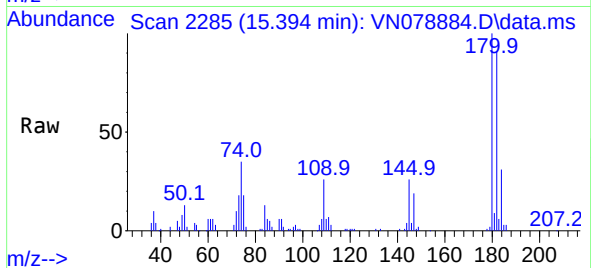
157 100.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 52.663 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

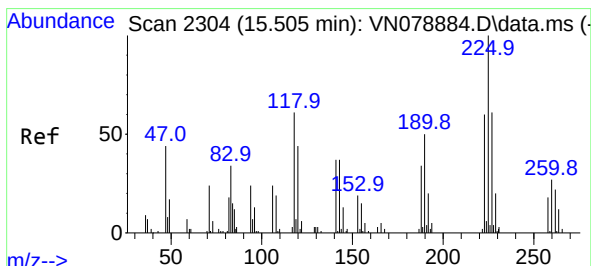
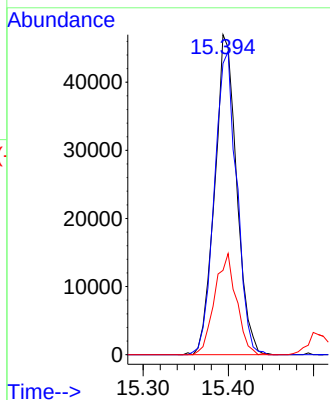
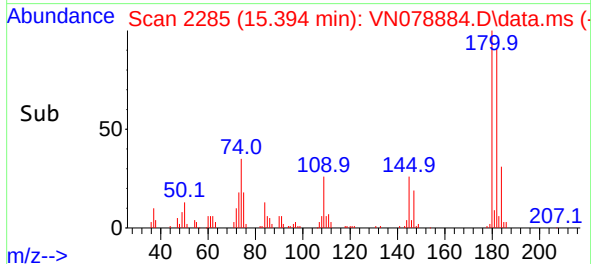
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



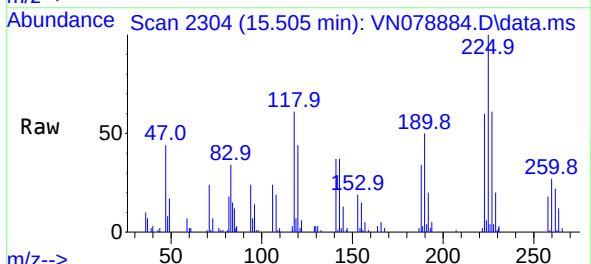
Tgt Ion:180 Resp: 83908
Ion Ratio Lower Upper
180 100
182 96.3 46.1 138.2
145 31.3 16.6 49.8

Manual Integrations
APPROVED

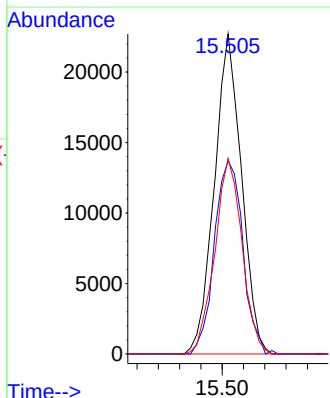
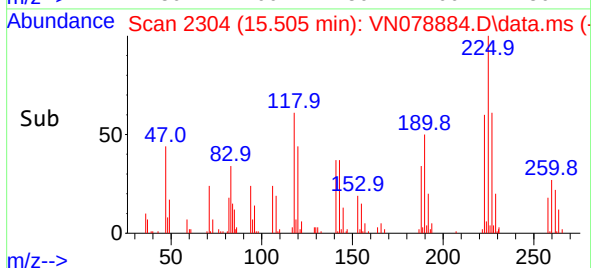
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

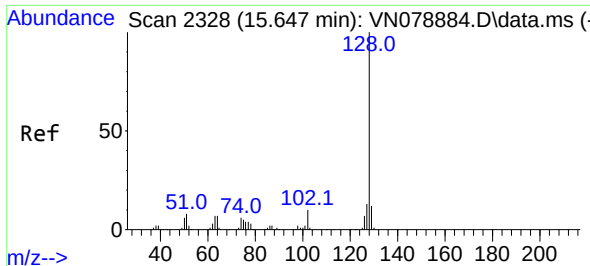


#94
Hexachlorobutadiene
Concen: 48.059 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



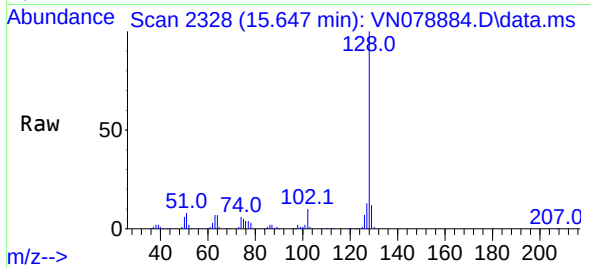
Tgt Ion:225 Resp: 40083
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.8
227 61.5 31.9 95.9





#95
Naphthalene
Concen: 48.964 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13

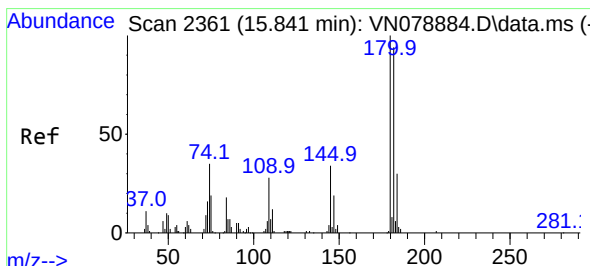
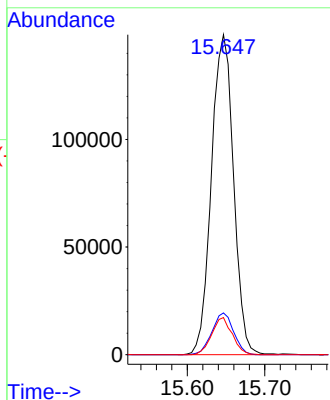
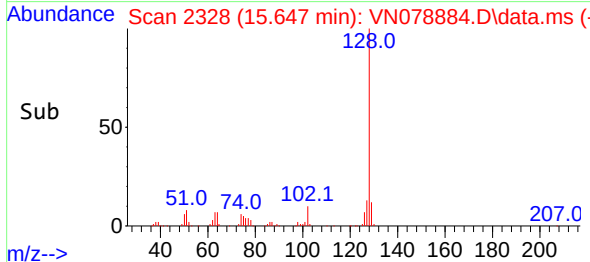
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



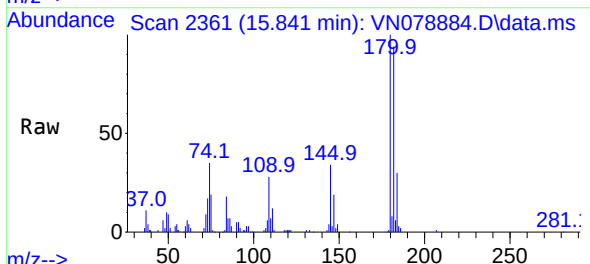
Tgt Ion:128 Resp: 295348
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.317 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078884.D
Acq: 15 Aug 2023 12:13



Tgt Ion:180 Resp: 89550
Ion Ratio Lower Upper
180 100
182 93.6 46.2 138.6
145 33.5 17.5 52.6

