

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079082.D
 Acq On : 29 Aug 2023 09:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 29 23:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	190075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	298195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132015	44.634	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.260%		
35) Dibromofluoromethane	8.171	113	108381	50.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.500%		
50) Toluene-d8	10.571	98	377897	47.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.360%		
62) 4-Bromofluorobenzene	12.853	95	132455	50.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	121067	45.904	ug/l	96
3) Chloromethane	2.365	50	146440	39.769	ug/l	99
4) Vinyl Chloride	2.518	62	146448	45.349	ug/l	98
5) Bromomethane	2.942	94	91943	49.589	ug/l	92
6) Chloroethane	3.112	64	98676	43.709	ug/l	99
7) Trichlorofluoromethane	3.495	101	189945	48.292	ug/l	99
8) Diethyl Ether	3.965	74	68899	46.206	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	4.371	101	102295	48.832	ug/l	100
10) Methyl Iodide	4.589	142	133041	56.762	ug/l	98
11) Tert butyl alcohol	5.518	59	96702	194.841	ug/l	98
12) 1,1-Dichloroethene	4.342	96	100935	49.463	ug/l	85
13) Acrolein	4.177	56	61013	222.085	ug/l	97
14) Allyl chloride	5.030	41	179529	44.204	ug/l #	88
15) Acrylonitrile	5.718	53	299681	222.888	ug/l	99
16) Acetone	4.430	43	310759	254.636	ug/l	90
17) Carbon Disulfide	4.712	76	278041	48.676	ug/l	99
18) Methyl Acetate	5.024	43	217744	42.235	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	354293	48.199	ug/l	93
20) Methylene Chloride	5.277	84	122366	47.050	ug/l #	74
21) trans-1,2-Dichloroethene	5.789	96	113186	49.464	ug/l #	72
22) Diisopropyl ether	6.677	45	422941	49.225	ug/l #	90
23) Vinyl Acetate	6.606	43	1364181	241.137	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	226145	48.180	ug/l	98
25) 2-Butanone	7.488	43	443007	226.412	ug/l #	78
26) 2,2-Dichloropropane	7.488	77	183882	48.466	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	135077	48.567	ug/l	87
28) Bromochloromethane	7.818	49	116278	46.700	ug/l #	74
29) Tetrahydrofuran	7.841	42	285231	220.240	ug/l #	71
30) Chloroform	7.965	83	231061	49.274	ug/l	91
31) Cyclohexane	8.259	56	180279	48.812	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	193803	48.470	ug/l #	92
36) 1,1-Dichloropropene	8.377	75	170012	52.396	ug/l	95
37) Ethyl Acetate	7.565	43	171096	47.129	ug/l #	88
38) Carbon Tetrachloride	8.365	117	168730	51.899	ug/l	98
39) Methylcyclohexane	9.606	83	158226	53.022	ug/l #	87
40) Benzene	8.612	78	506592	52.821	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	93108	47.090	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	184244	51.421	ug/l	97
43) Isopropyl Acetate	8.694	43	296398	46.192	ug/l #	88
44) Trichloroethene	9.353	130	123969	54.400	ug/l	93
45) 1,2-Dichloropropane	9.629	63	130004	50.913	ug/l	99
46) Dibromomethane	9.718	93	92857	53.019	ug/l	96
47) Bromodichloromethane	9.888	83	180886	52.303	ug/l	96
48) Methyl methacrylate	9.688	41	140161	48.203	ug/l #	75
49) 1,4-Dioxane	9.700	88	47214	953.299	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	891762	234.320	ug/l #	86
52) Toluene	10.635	92	311551	52.910	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	194668	52.488	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	214401	53.079	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	124303	52.649	ug/l	96
56) Ethyl methacrylate	10.876	69	184785	50.490	ug/l #	72
57) 1,3-Dichloropropane	11.171	76	214524	50.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	356742	203.061	ug/l	90
59) 2-Hexanone	11.200	43	656412	238.133	ug/l	83
60) Dibromochloromethane	11.365	129	133018	53.539	ug/l	97
61) 1,2-Dibromoethane	11.471	107	123864	51.626	ug/l	98
64) Tetrachloroethene	11.112	164	98138	52.479	ug/l	91
65) Chlorobenzene	11.894	112	326344	51.413	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	124721	51.993	ug/l	98
67) Ethyl Benzene	11.970	91	575265	49.836	ug/l	99
68) m/p-Xylenes	12.076	106	444459	102.986	ug/l	98
69) o-Xylene	12.400	106	217415	51.787	ug/l	98
70) Styrene	12.418	104	360370	51.479	ug/l	98
71) Bromoform	12.582	173	92012	52.761	ug/l #	100
73) Isopropylbenzene	12.700	105	532681	47.862	ug/l	99
74) N-amyl acetate	12.500	43	246140	43.815	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	179191	44.591	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	143786m	44.708	ug/l	
77) Bromobenzene	12.982	156	130292	48.704	ug/l	100
78) n-propylbenzene	13.041	91	623780	48.334	ug/l	99
79) 2-Chlorotoluene	13.129	91	375730	46.933	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	442895	50.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	56722	45.054	ug/l #	75
82) 4-Chlorotoluene	13.223	91	373299	47.655	ug/l	97
83) tert-Butylbenzene	13.441	119	366556	49.465	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	436922	50.031	ug/l	97
85) sec-Butylbenzene	13.623	105	498428	48.874	ug/l	99
86) p-Isopropyltoluene	13.735	119	417180	51.201	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	232596	50.528	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	224858	48.803	ug/l	99
89) n-Butylbenzene	14.059	91	333638	49.757	ug/l	99
90) Hexachloroethane	14.335	117	78737	48.208	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	223463	48.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31452	47.075	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	83711	51.582	ug/l	95
94) Hexachlorobutadiene	15.506	225	45152	54.272	ug/l	99
95) Naphthalene	15.647	128	238380	39.334	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	85558	48.135	ug/l	97

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QLast Update : Wed Aug 16 02:42:02 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

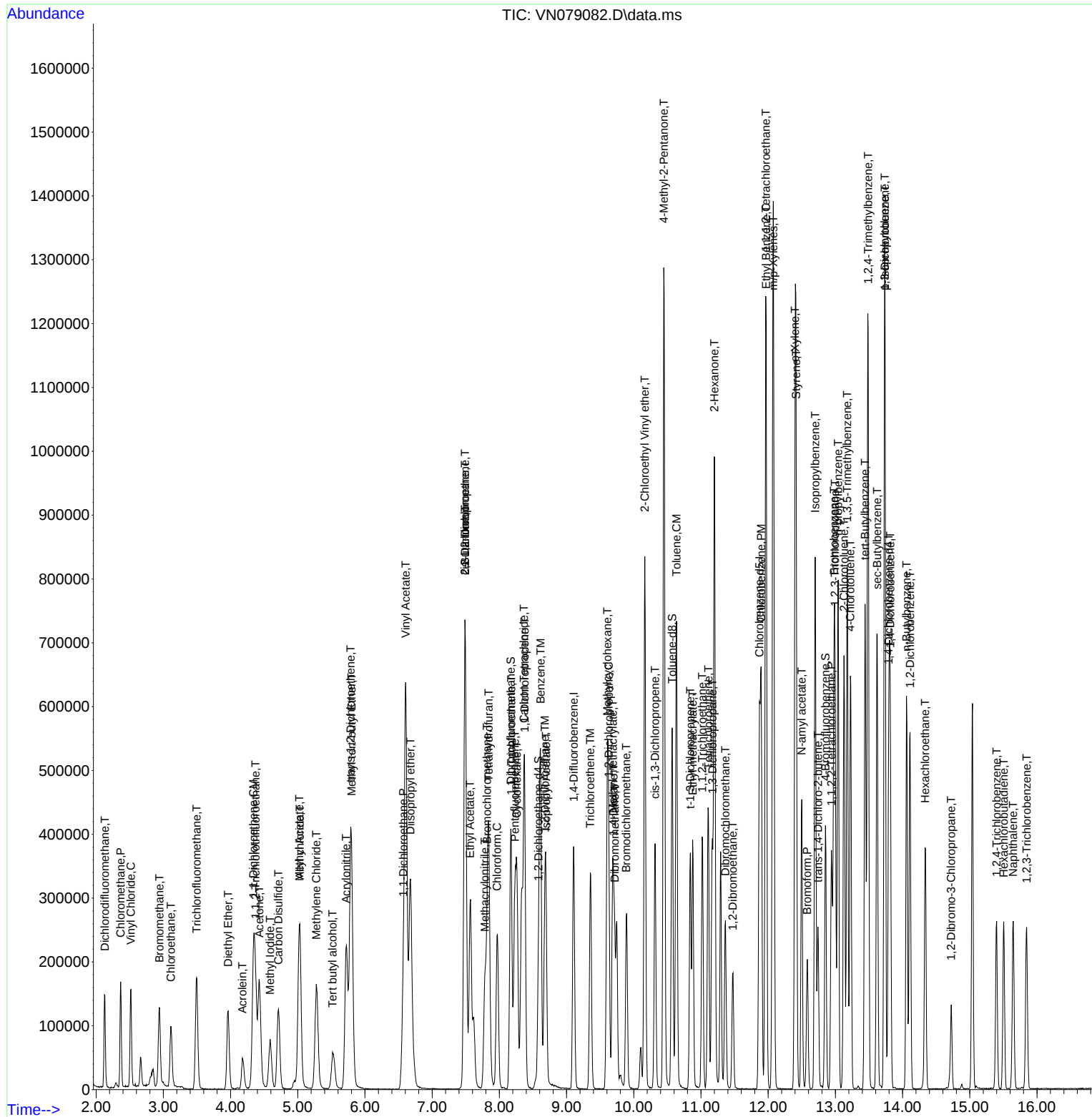
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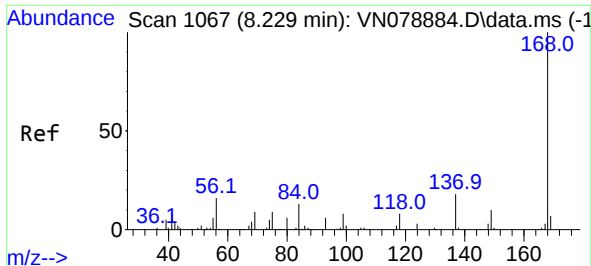
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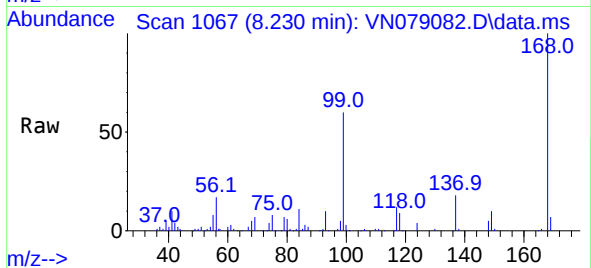
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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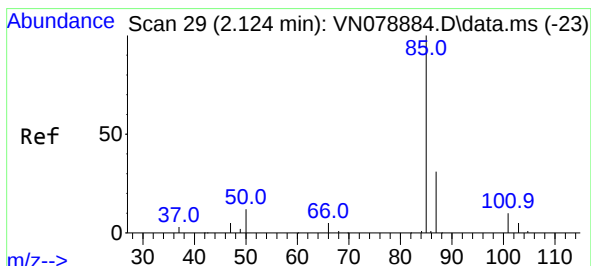
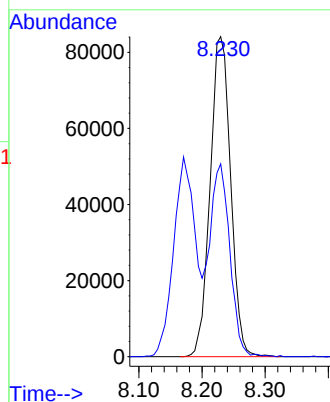
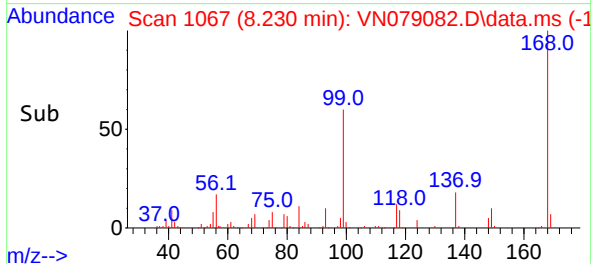
Instrument :
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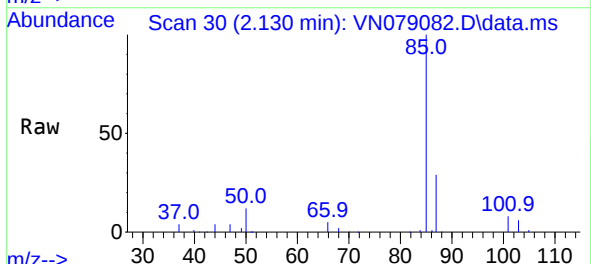
Tgt Ion:168 Resp: 190075
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6

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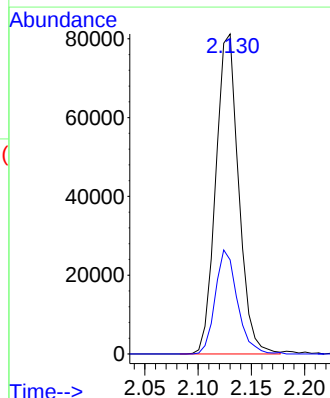
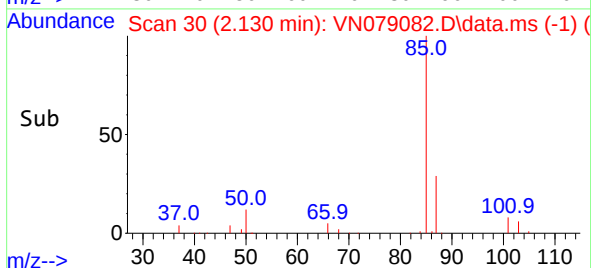
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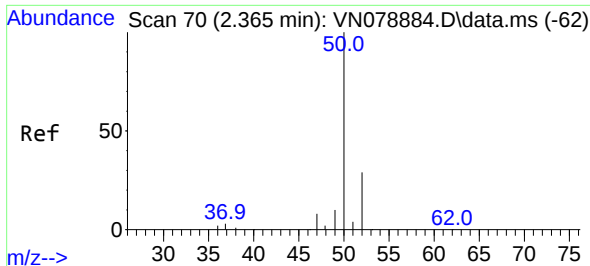


#2
Dichlorodifluoromethane
Concen: 45.904 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



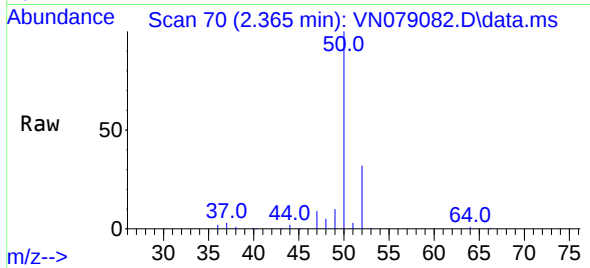
Tgt Ion: 85 Resp: 121067
Ion Ratio Lower Upper
85 100
87 29.4 15.8 47.4





#3
Chloromethane
Concen: 39.769 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

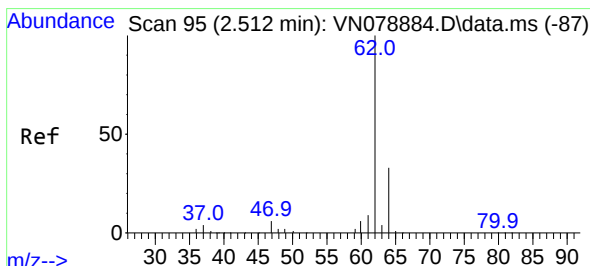
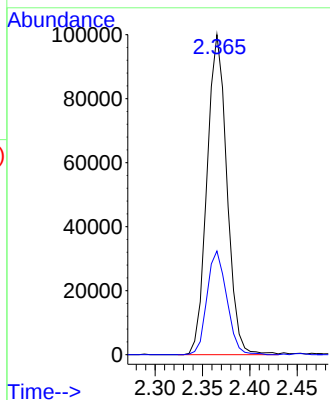
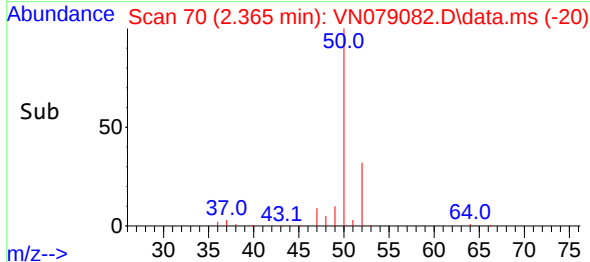
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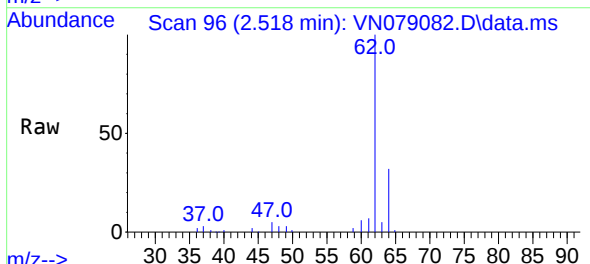
Tgt Ion: 50 Resp: 146440
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

Manual Integrations
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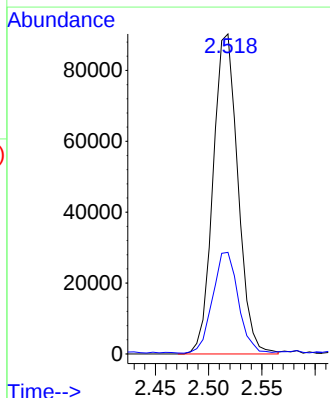
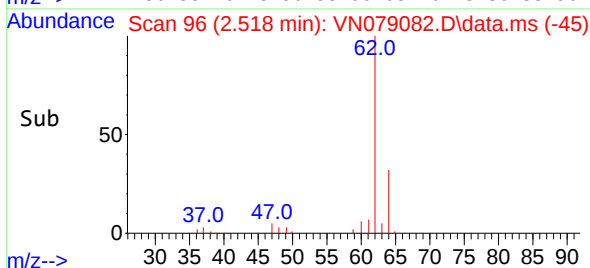
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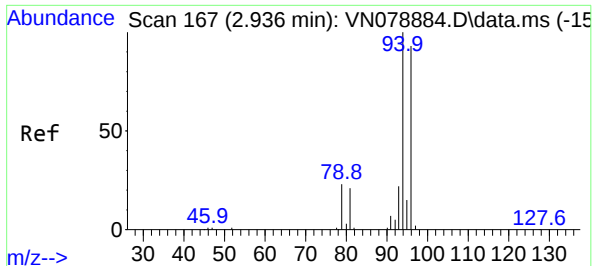


#4
Vinyl Chloride
Concen: 45.349 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion: 62 Resp: 146448
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





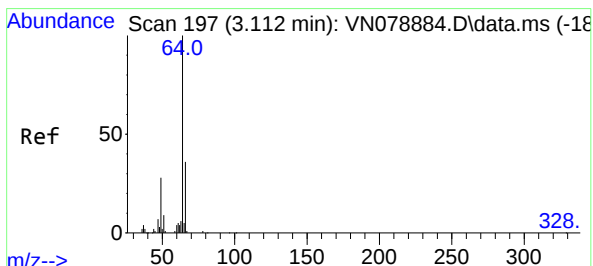
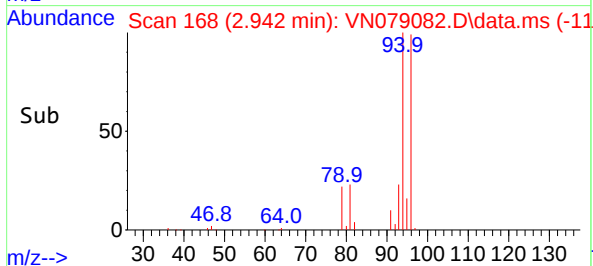
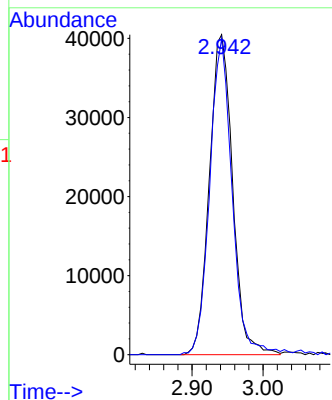
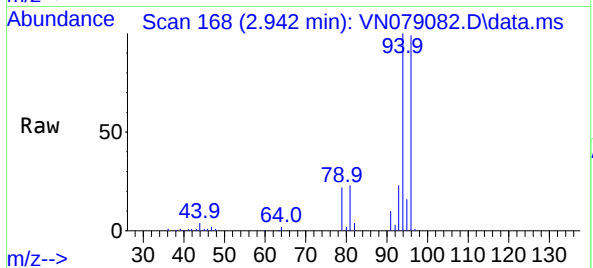
#5
Bromomethane
Concen: 49.589 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN079082.D
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Instrument :
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Tgt Ion: 94 Resp: 9194
Ion Ratio Lower Upper
94 100
96 98.7 73.1 109.7

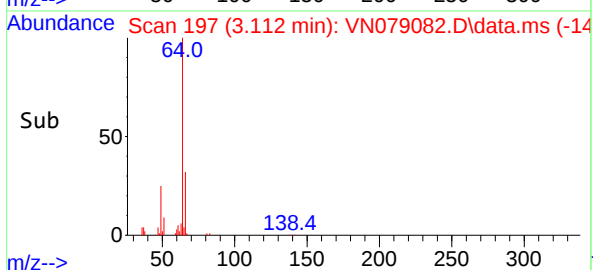
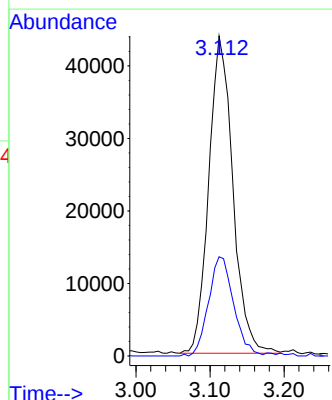
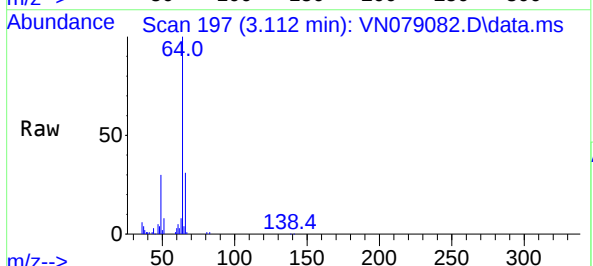
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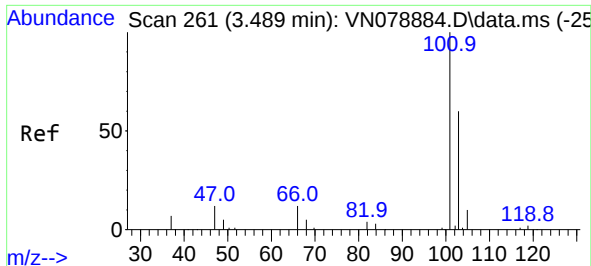
Reviewed By :John Carlone 08/30/2023
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#6
Chloroethane
Concen: 43.709 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Tgt Ion: 64 Resp: 98676
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.292 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

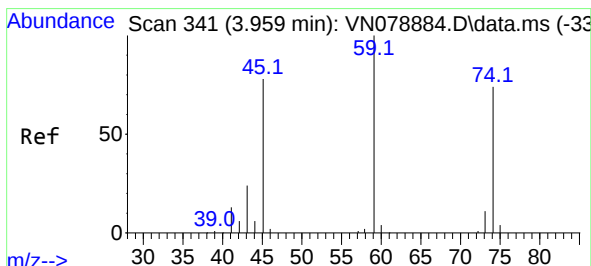
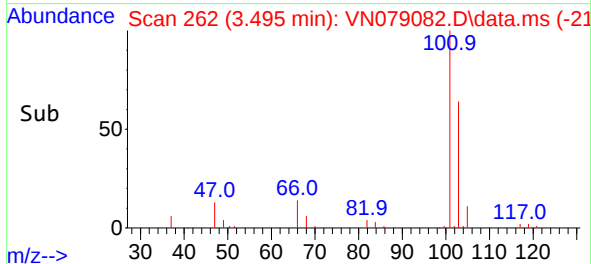
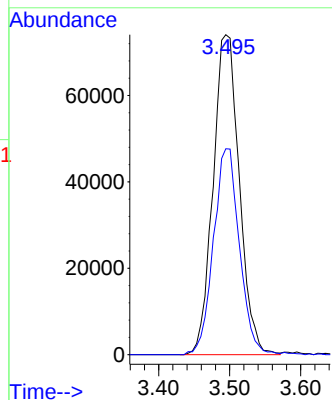
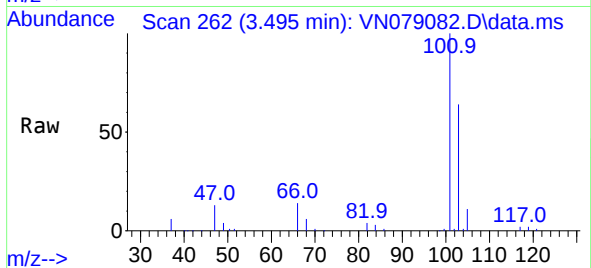
VSTDCCC050

Tgt Ion:101 Resp: 18994
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

Manual Integrations

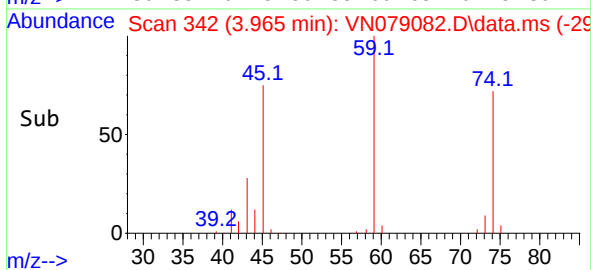
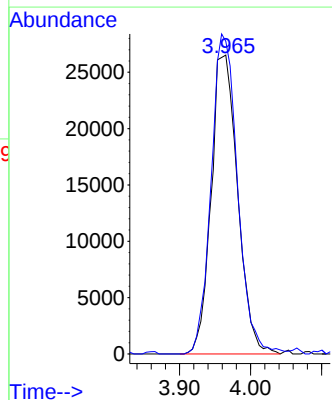
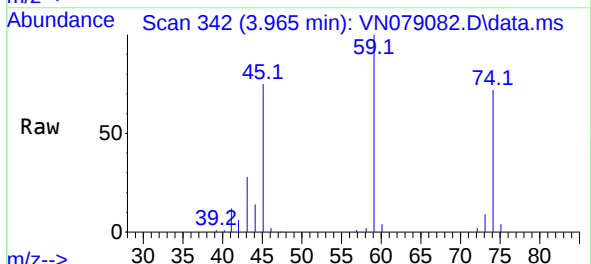
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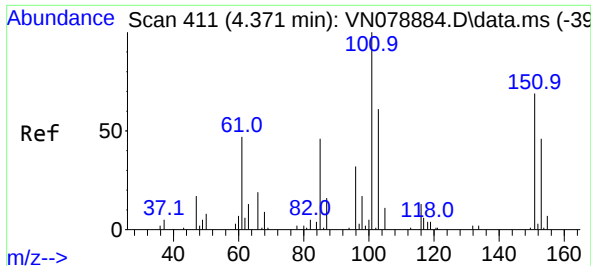
Reviewed By :John Carlone 08/30/2023
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#8
Diethyl Ether
Concen: 46.206 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Tgt Ion: 74 Resp: 68899
Ion Ratio Lower Upper
74 100
45 106.5 34.4 103.3#





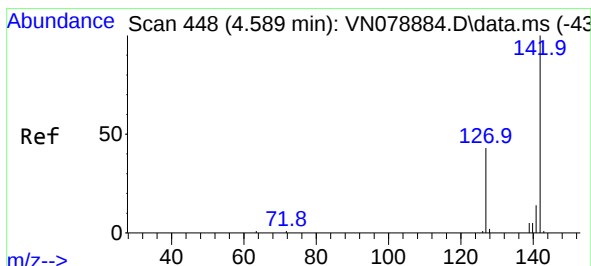
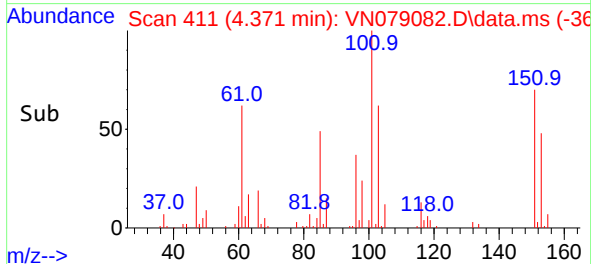
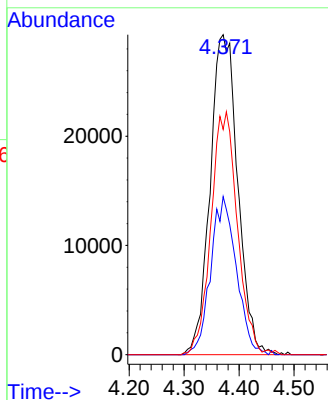
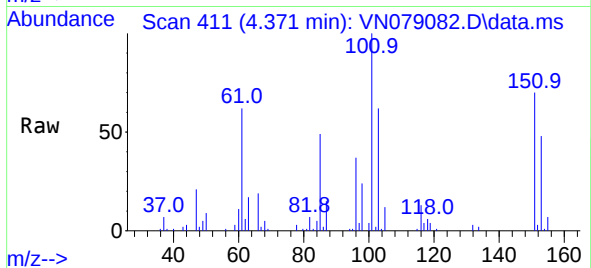
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.832 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 102295
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 72.4 57.6 86.4

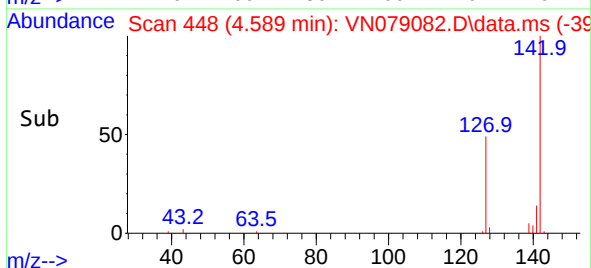
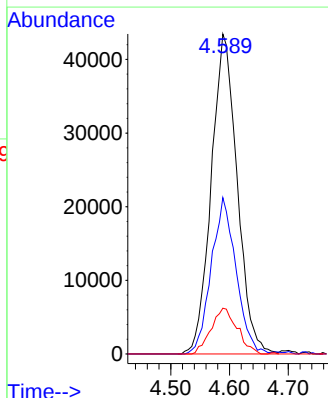
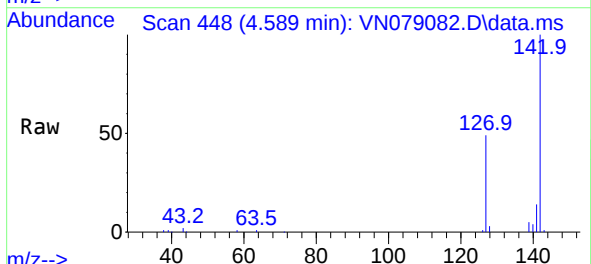
Manual Integrations
APPROVED

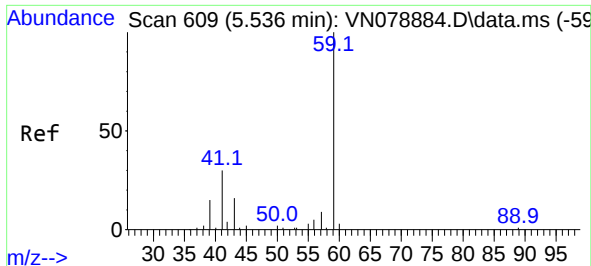
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#10
Methyl Iodide
Concen: 56.762 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Tgt Ion:142 Resp: 133041
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 14.3 11.4 17.0





#11

Tert butyl alcohol

Concen: 194.841 ug/l

RT: 5.518 min Scan# 609

Delta R.T. -0.024 min

Lab File: VN079082.D

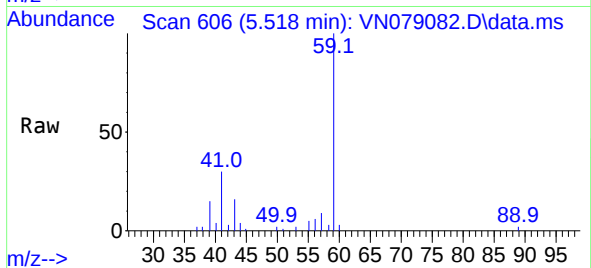
Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 59 Resp: 96702

Ion Ratio Lower Upper

59 100

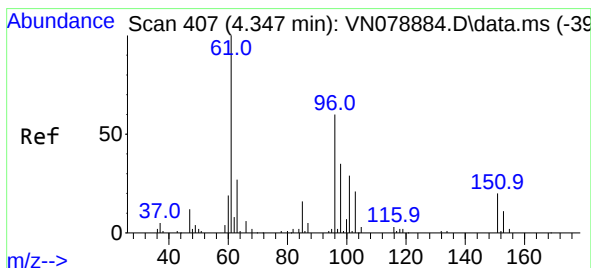
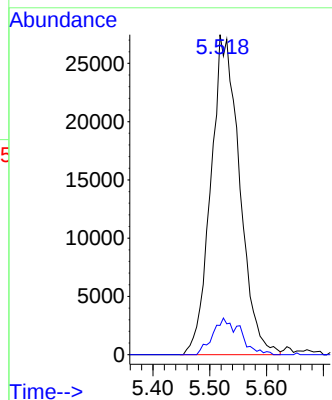
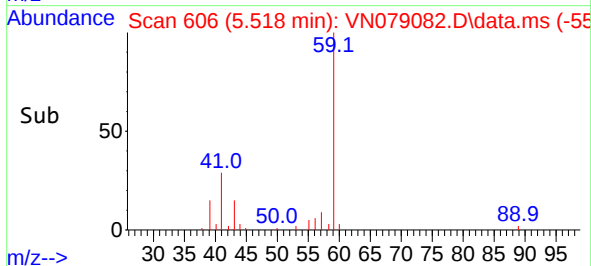
57 11.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#12

1,1-Dichloroethene

Concen: 49.463 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN079082.D

Acq: 29 Aug 2023 09:57

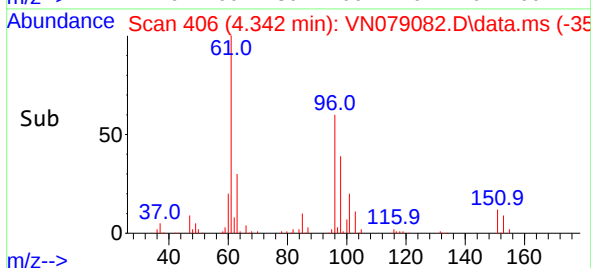
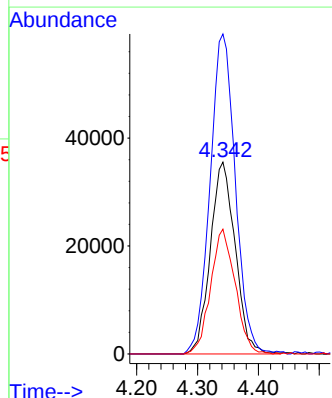
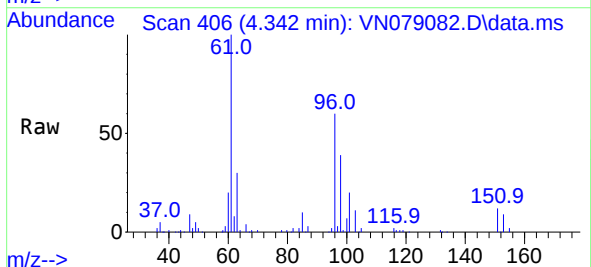
Tgt Ion: 96 Resp: 100935

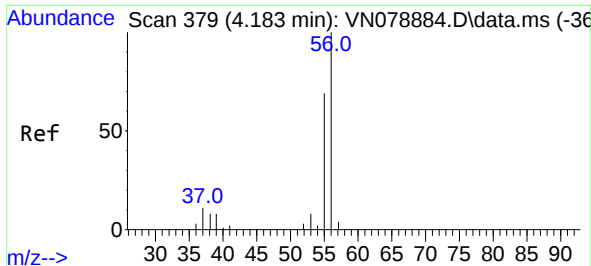
Ion Ratio Lower Upper

96 100

61 166.8 112.7 169.1

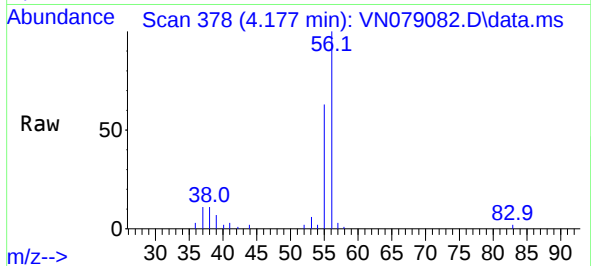
98 65.1 51.2 76.8





#13
Acrolein
Concen: 222.085 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

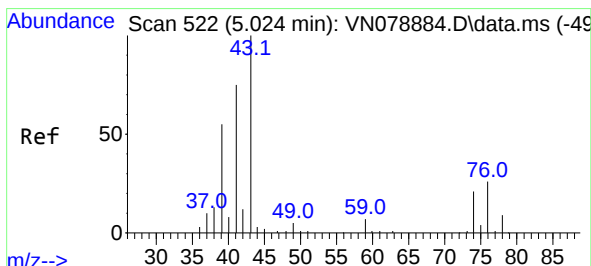
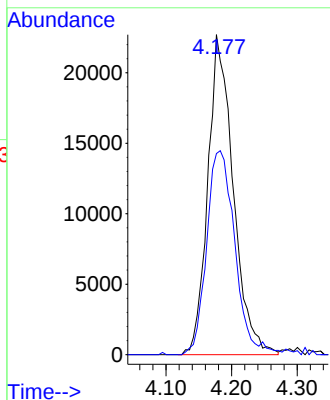
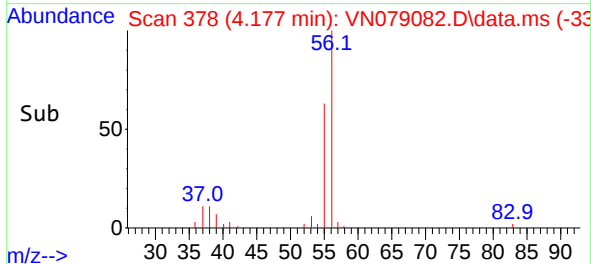
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6101
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7

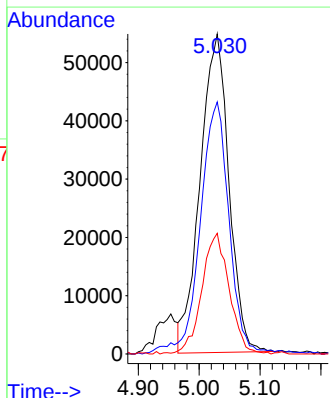
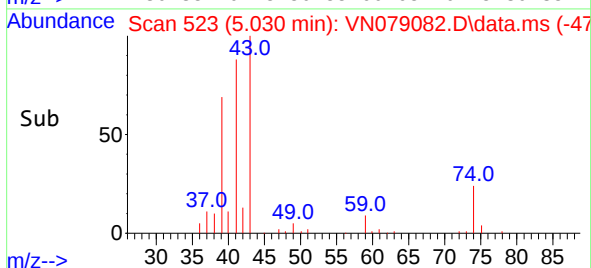
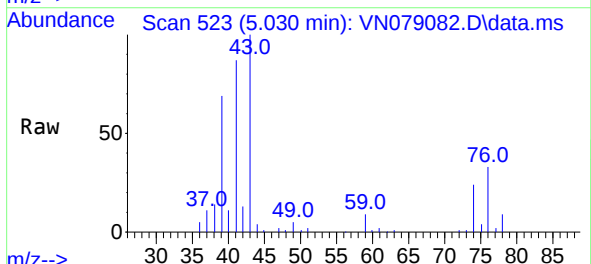
Manual Integrations
APPROVED

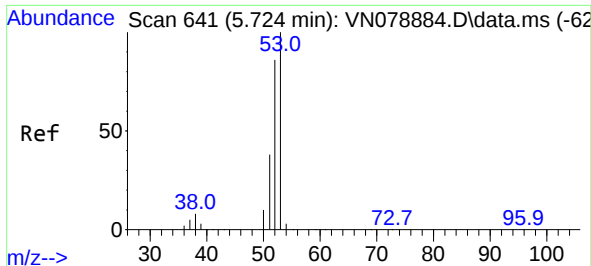
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#14
Allyl chloride
Concen: 44.204 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

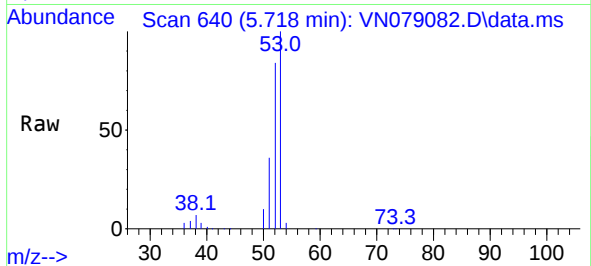
Tgt Ion: 41 Resp: 179529
Ion Ratio Lower Upper
41 100
39 79.4 58.8 88.2
76 36.1 39.1 58.7#





#15
Acrylonitrile
Concen: 222.888 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

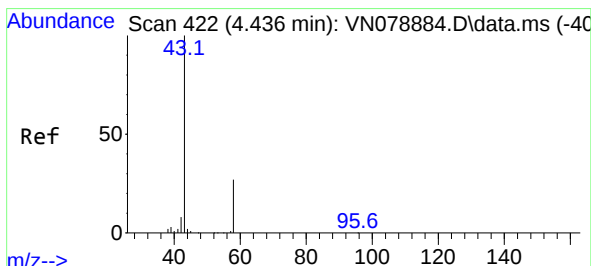
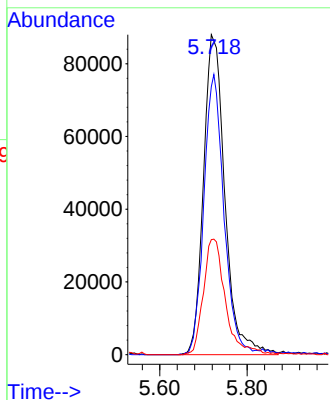
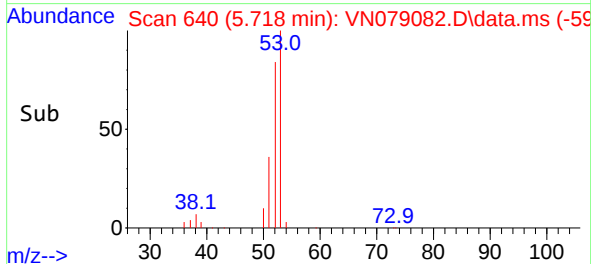
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



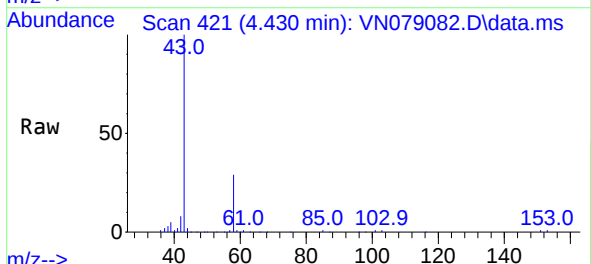
Tgt Ion: 53 Resp: 29968
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
APPROVED

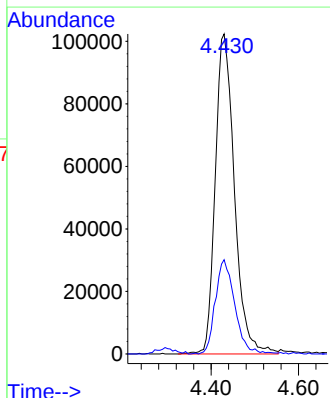
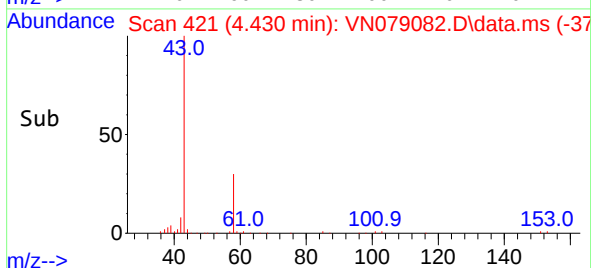
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

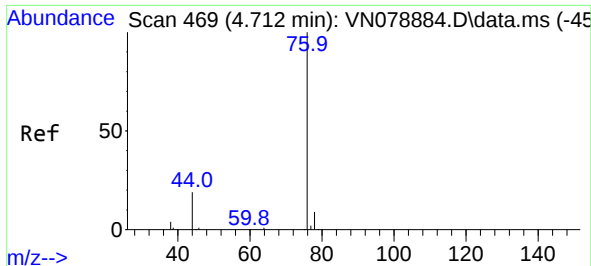


#16
Acetone
Concen: 254.636 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



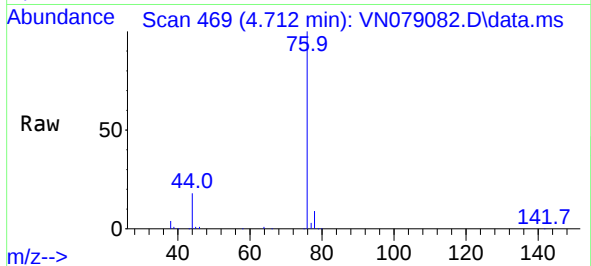
Tgt Ion: 43 Resp: 310759
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0





#17
Carbon Disulfide
Concen: 48.676 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

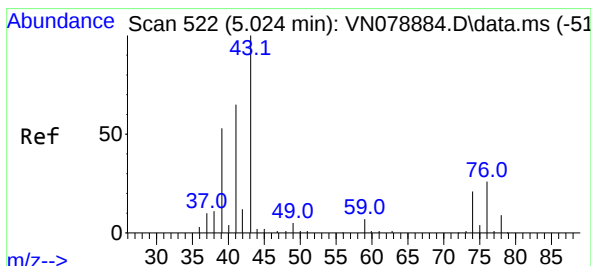
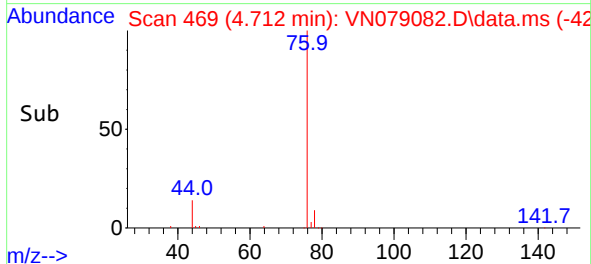
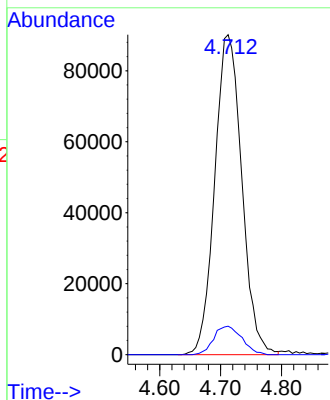
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 27804
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

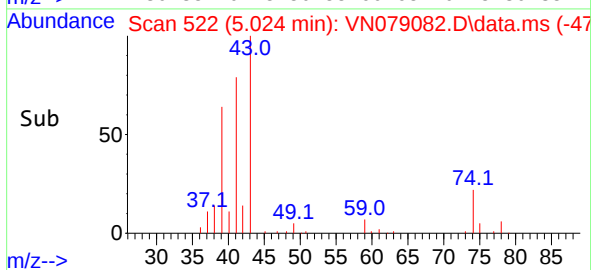
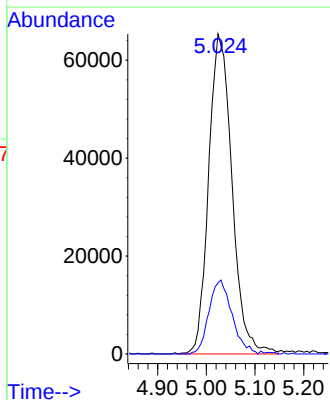
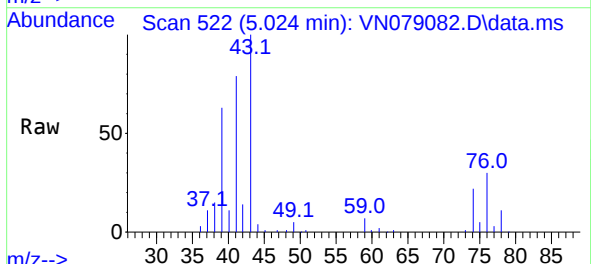
Manual Integrations
APPROVED

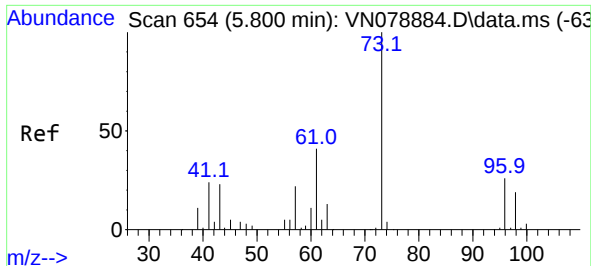
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#18
Methyl Acetate
Concen: 42.235 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Tgt Ion: 43 Resp: 217744
Ion Ratio Lower Upper
43 100
74 22.7 26.2 39.4#





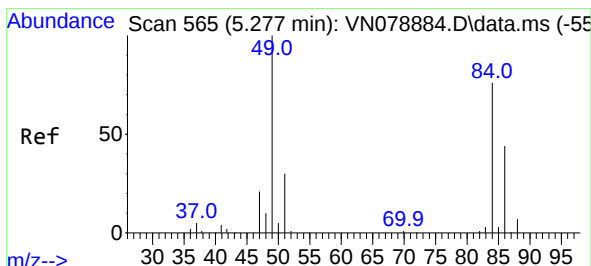
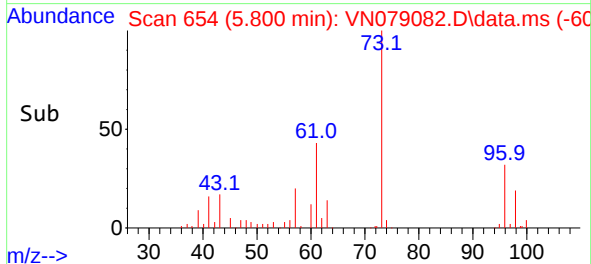
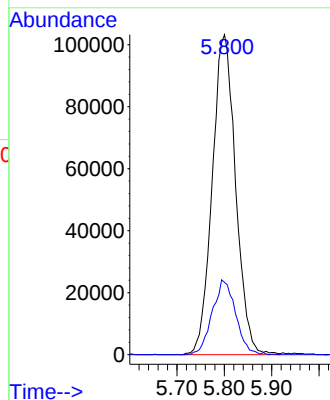
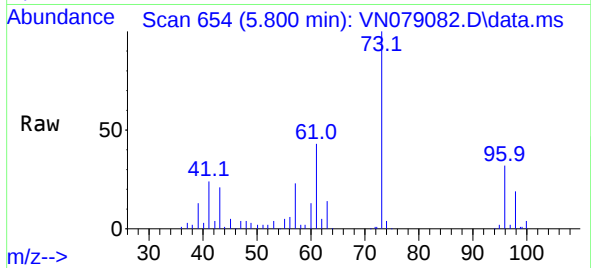
#19
Methyl tert-butyl Ether
Concen: 48.199 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 35429
Ion Ratio Lower Upper
73 100
57 22.6 15.6 23.4

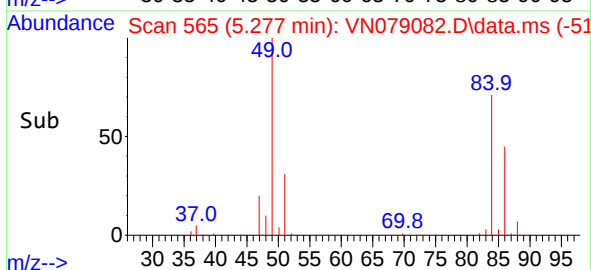
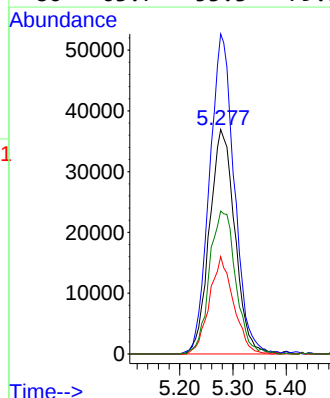
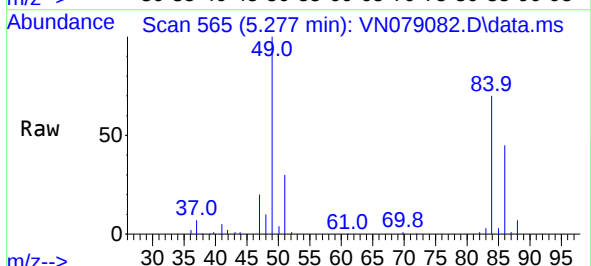
Manual Integrations
APPROVED

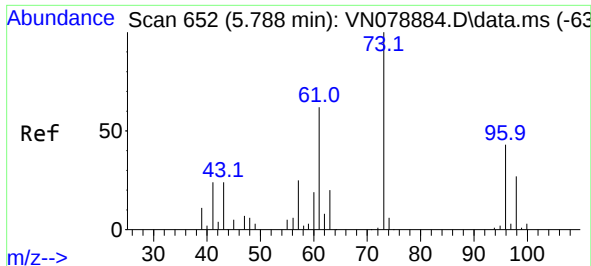
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#20
Methylene Chloride
Concen: 47.050 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

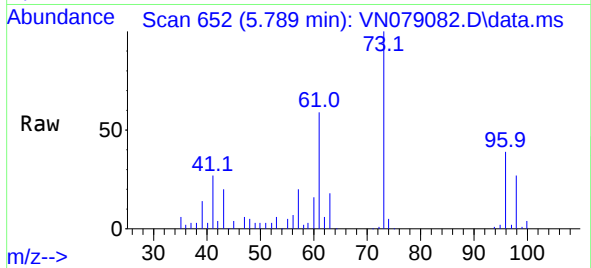
Tgt Ion: 84 Resp: 122366
Ion Ratio Lower Upper
84 100
49 142.6 79.7 119.5#
51 43.4 25.2 37.8#
86 63.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.464 ug/l
RT: 5.789 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

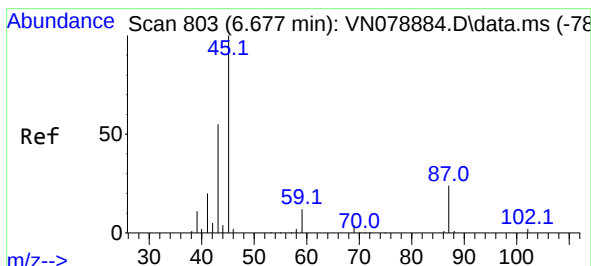
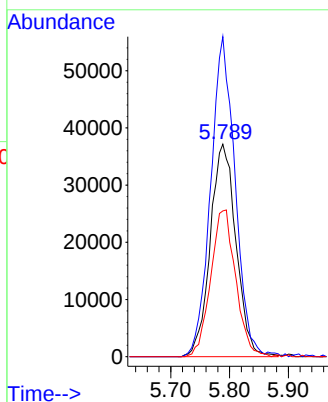
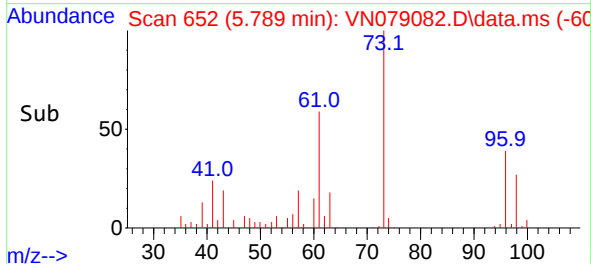
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



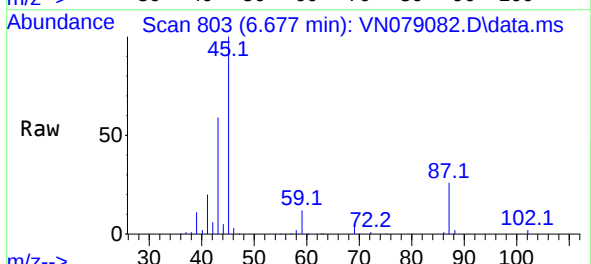
Tgt Ion: 96 Resp: 113180
Ion Ratio Lower Upper
96 100
61 150.6 90.1 135.1#
98 68.6 46.4 69.6

Manual Integrations
APPROVED

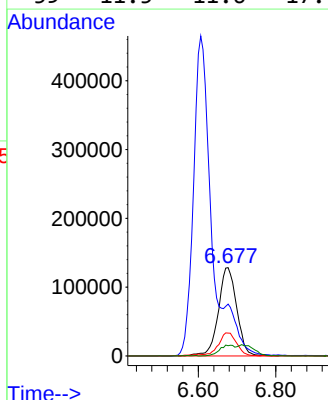
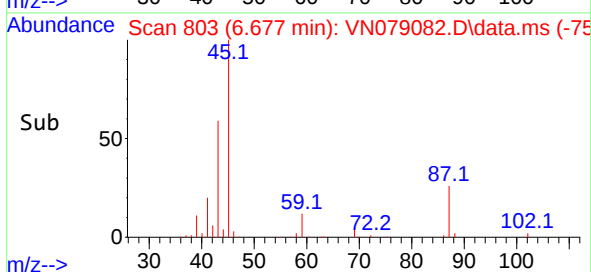
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

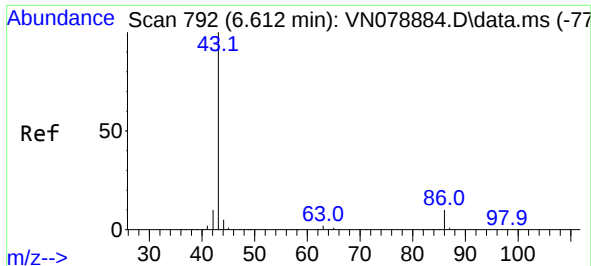


#22
Diisopropyl ether
Concen: 49.225 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



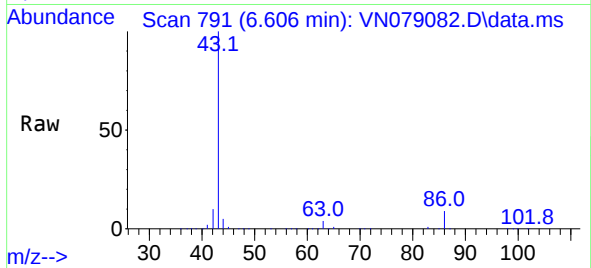
Tgt Ion: 45 Resp: 422941
Ion Ratio Lower Upper
45 100
43 57.8 45.5 68.3
87 25.9 31.8 47.8#
59 11.5 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 241.137 ug/l
 RT: 6.606 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: VN079082.D
 Acq: 29 Aug 2023 09:57

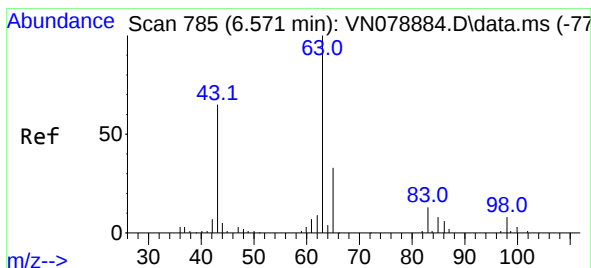
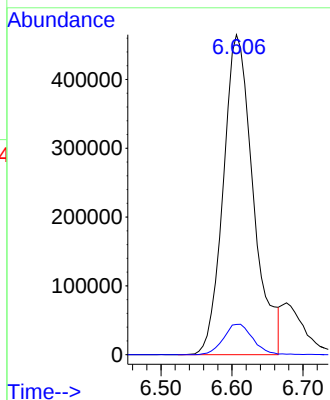
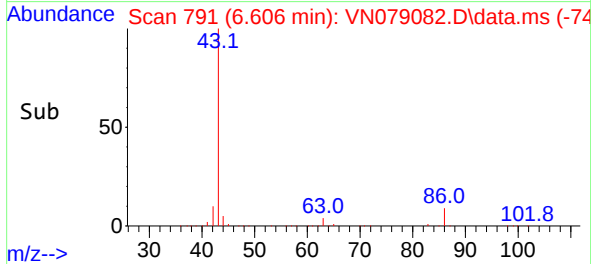
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



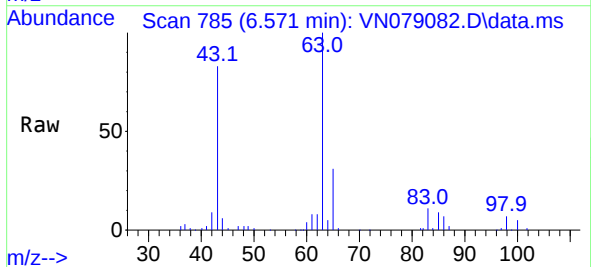
Tgt Ion: 43 Resp: 136418
 Ion Ratio Lower Upper
 43 100
 86 9.5 13.0 19.6

Manual Integrations
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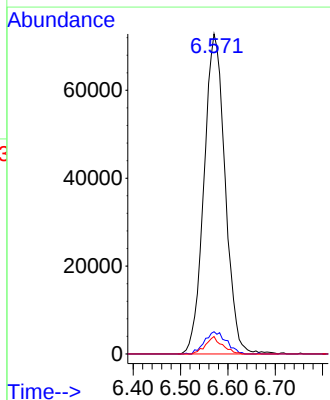
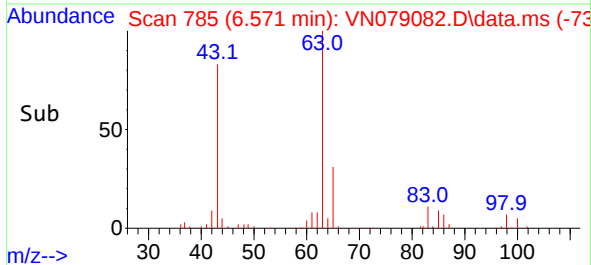
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023

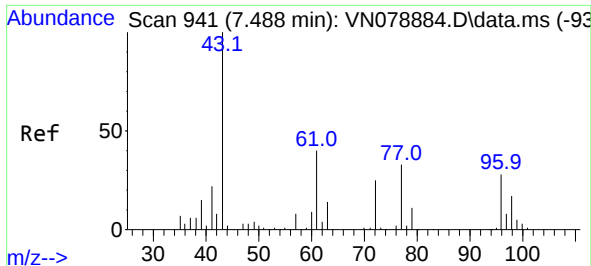


#24
 1,1-Dichloroethane
 Concen: 48.180 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079082.D
 Acq: 29 Aug 2023 09:57



Tgt Ion: 63 Resp: 226145
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 5.5 2.5 7.4





#25

2-Butanone

Concen: 226.412 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079082.D

Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 44300

Ion Ratio Lower Upper

43 100

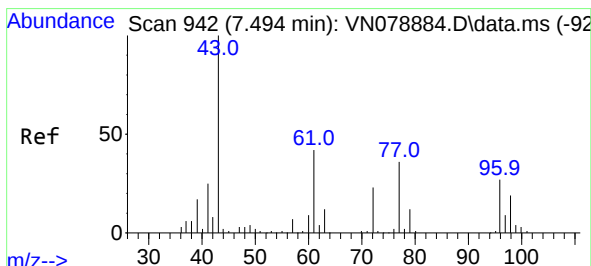
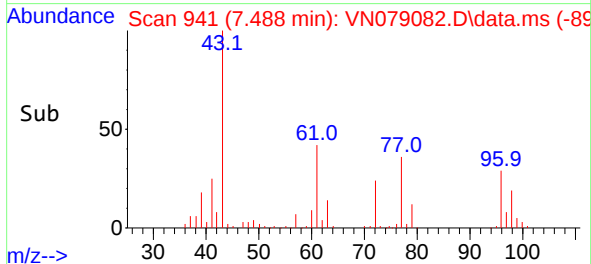
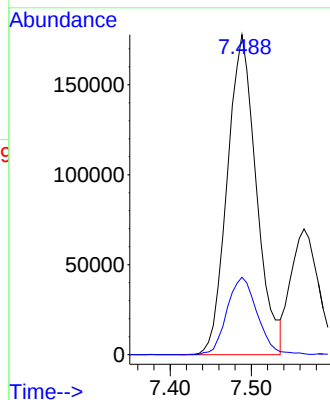
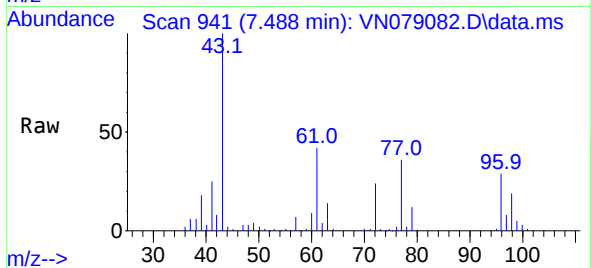
72 24.2 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#26

2,2-Dichloropropane

Concen: 48.466 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.012 min

Lab File: VN079082.D

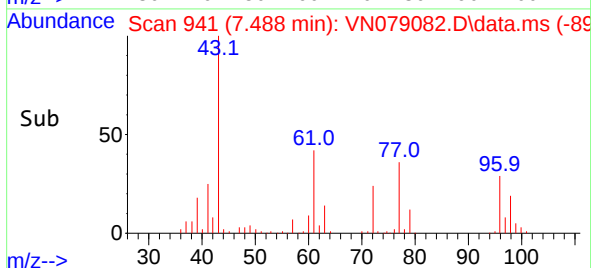
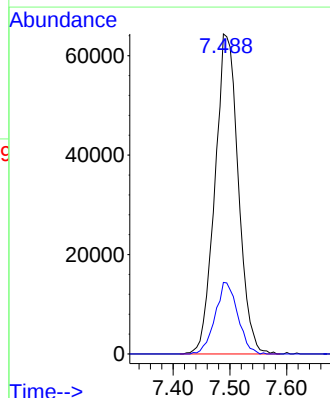
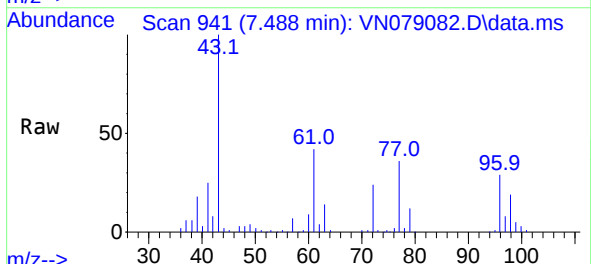
Acq: 29 Aug 2023 09:57

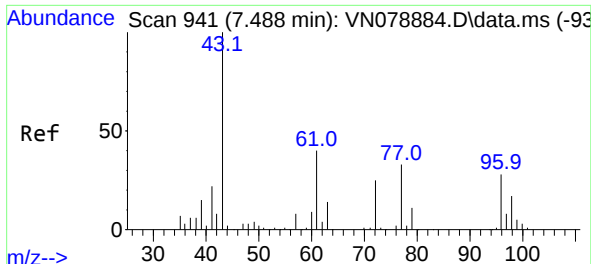
Tgt Ion: 77 Resp: 183882

Ion Ratio Lower Upper

77 100

97 21.6 11.2 33.6





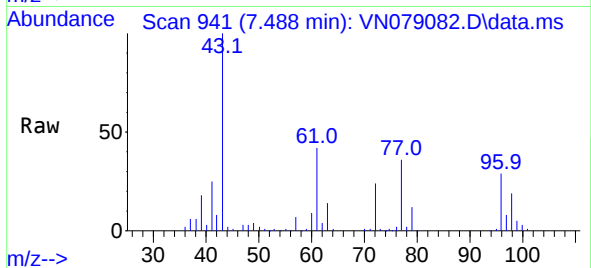
#27
cis-1,2-Dichloroethene
Concen: 48.567 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

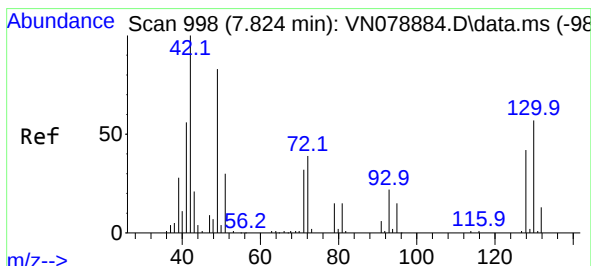
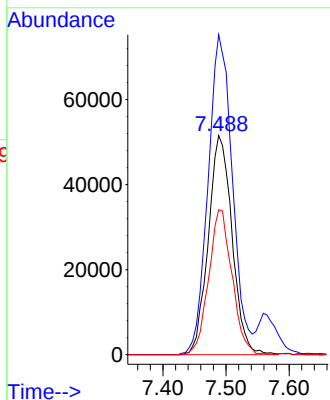
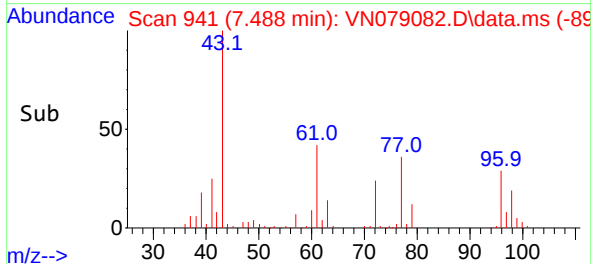


Tgt Ion: 96 Resp: 13507
Ion Ratio Lower Upper
96 100
61 149.2 0.0 255.2
98 64.8 0.0 128.8

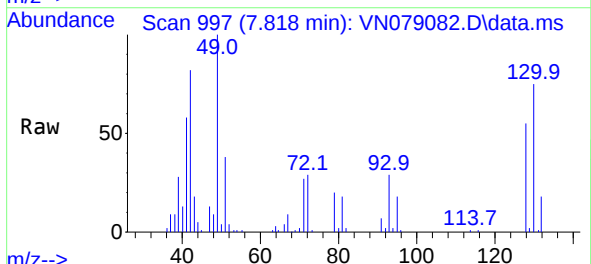
Manual Integrations

APPROVED

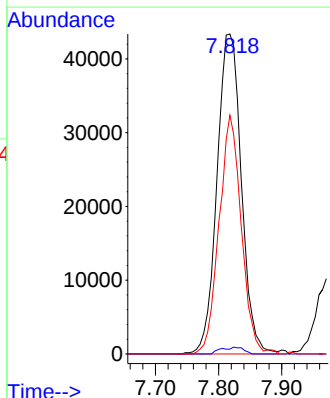
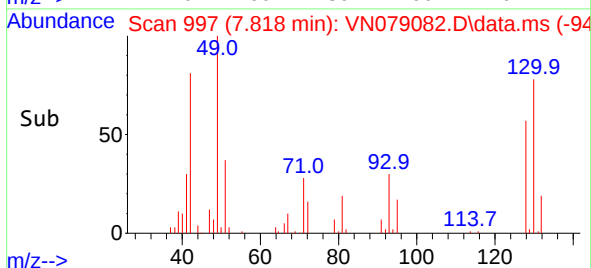
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

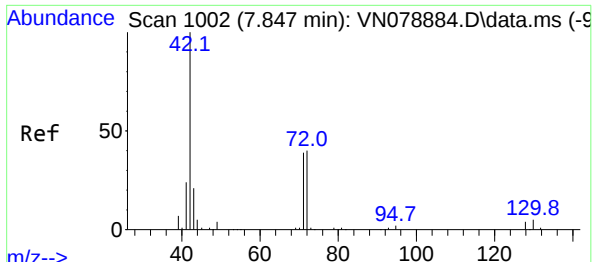


#28
Bromochloromethane
Concen: 46.700 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



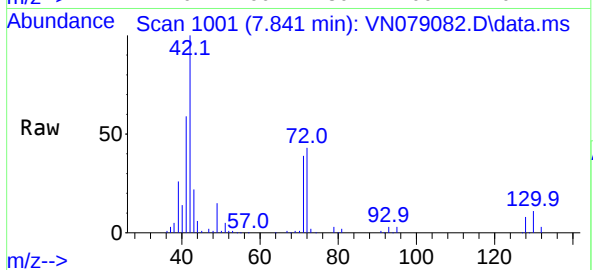
Tgt Ion: 49 Resp: 116278
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 67.9 75.3 112.9#





#29
Tetrahydrofuran
Concen: 220.240 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

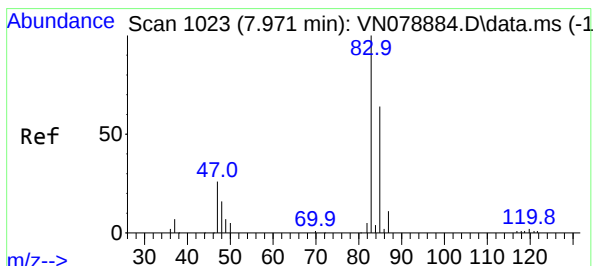
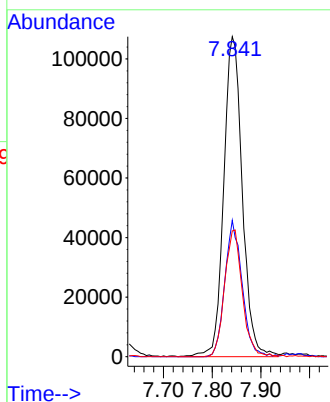
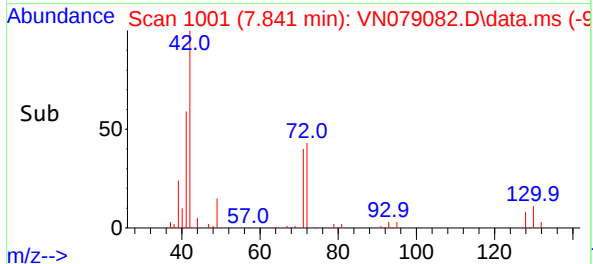
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



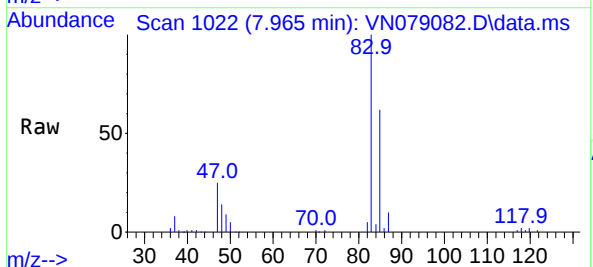
Tgt Ion: 42 Resp: 28523
Ion Ratio Lower Upper
42 100
72 39.6 49.8 74.6
71 37.8 47.4 71.2

Manual Integrations
APPROVED

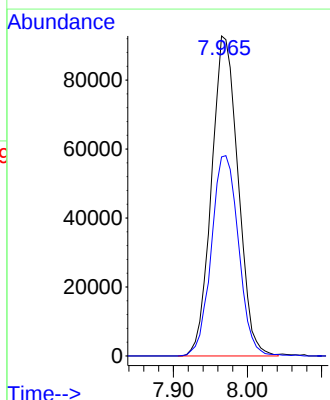
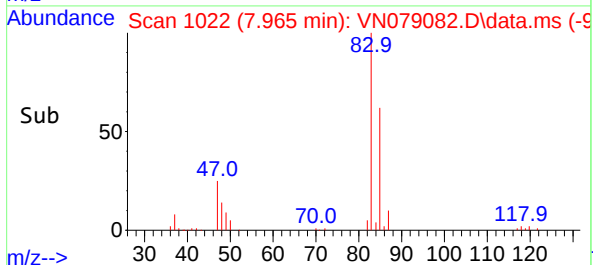
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

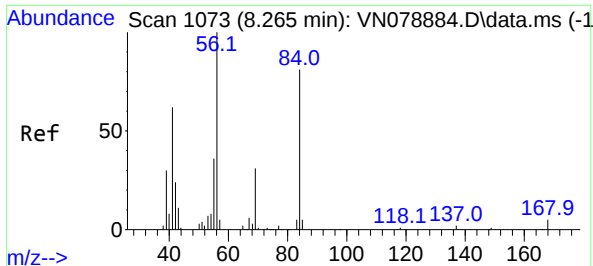


#30
Chloroform
Concen: 49.274 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.012 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



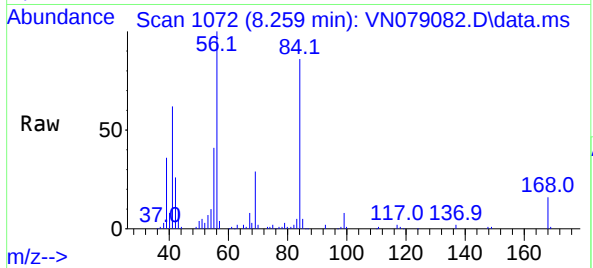
Tgt Ion: 83 Resp: 231061
Ion Ratio Lower Upper
83 100
85 62.2 55.4 83.0





#31
Cyclohexane
Concen: 48.812 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

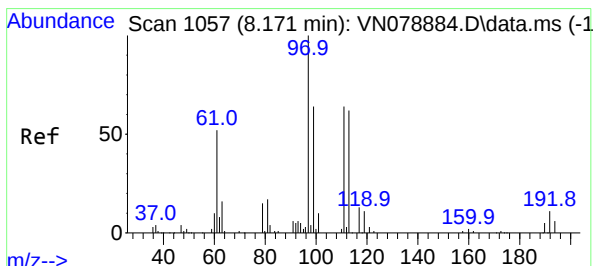
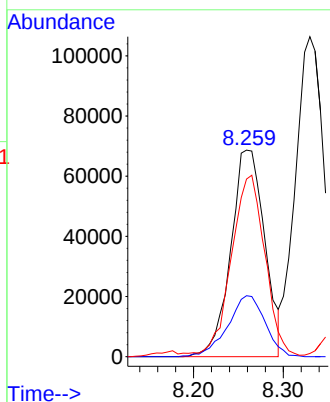
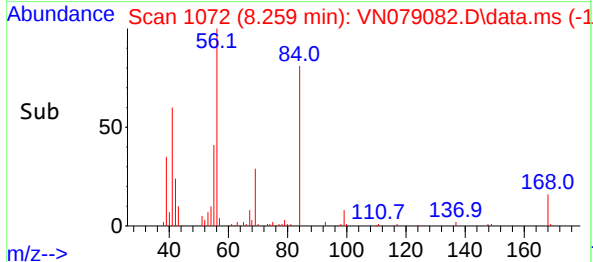
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



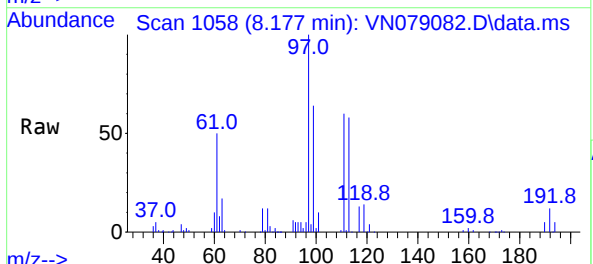
Tgt Ion: 56 Resp: 180279
Ion Ratio Lower Upper
56 100
69 29.5 26.8 40.2
84 84.7 81.8 122.6

Manual Integrations
APPROVED

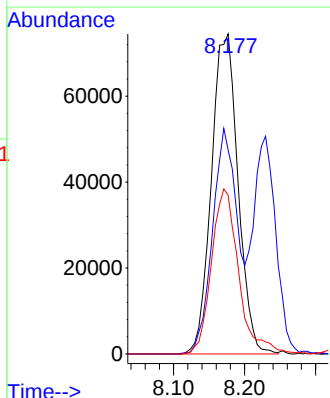
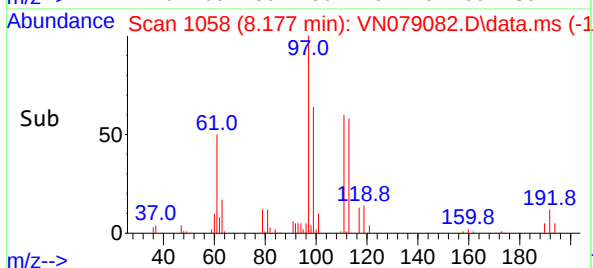
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

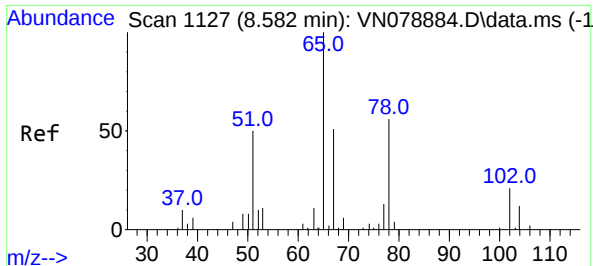


#32
1,1,1-Trichloroethane
Concen: 48.470 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion: 97 Resp: 193803
Ion Ratio Lower Upper
97 100
99 65.6 50.3 75.5
61 52.9 34.7 52.1#





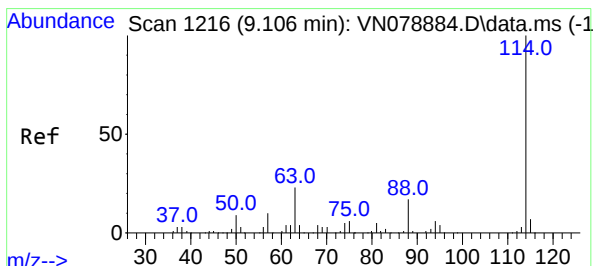
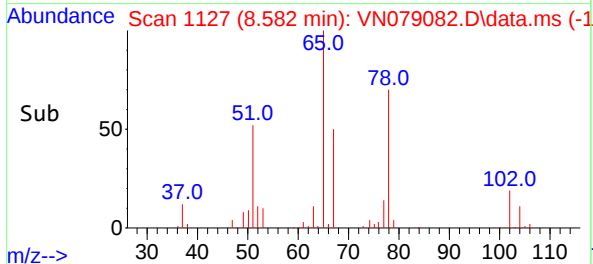
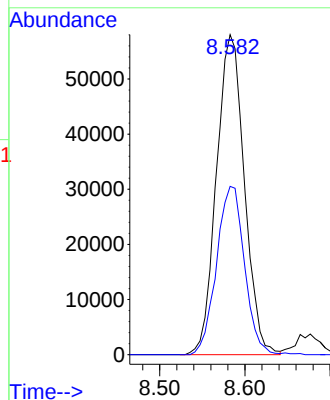
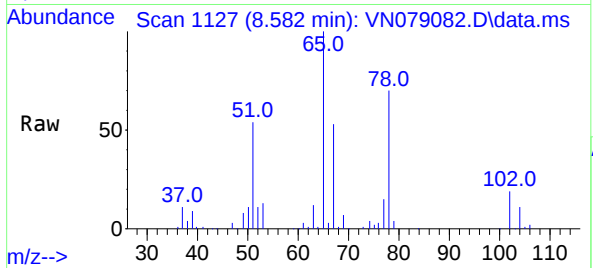
#33
1,2-Dichloroethane-d4
Concen: 44.634 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 132015
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

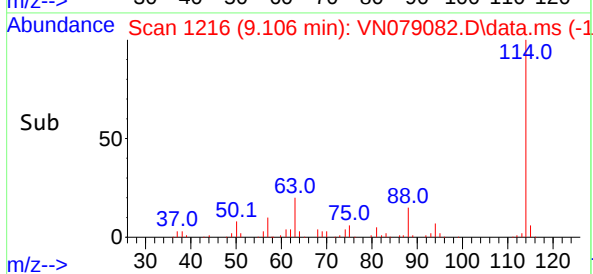
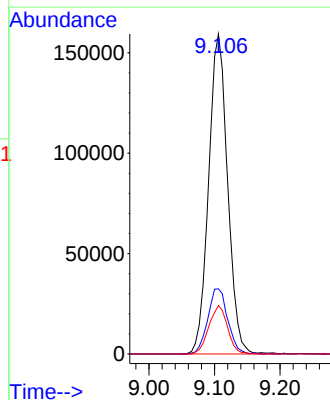
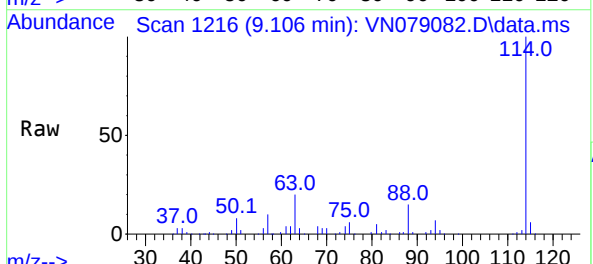
Manual Integrations
APPROVED

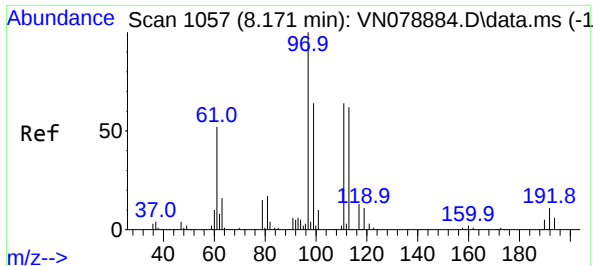
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

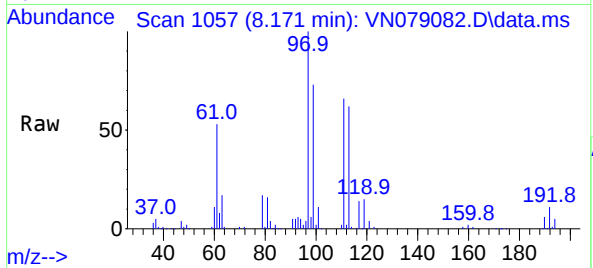
Tgt Ion:114 Resp: 320439
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.246 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

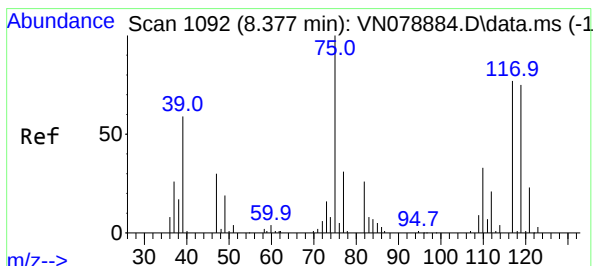
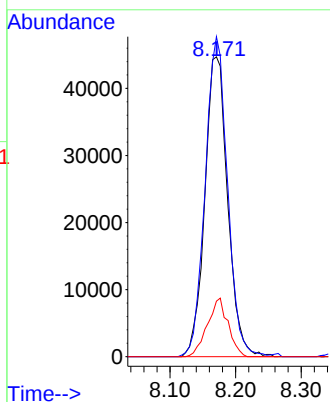
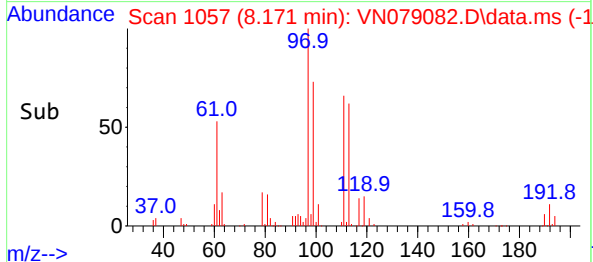
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



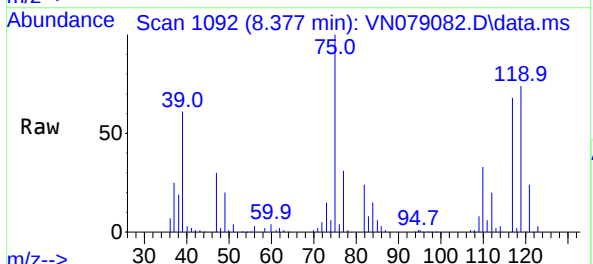
Tgt Ion: 113 Resp: 10838
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 17.6 12.7 19.1

Manual Integrations
APPROVED

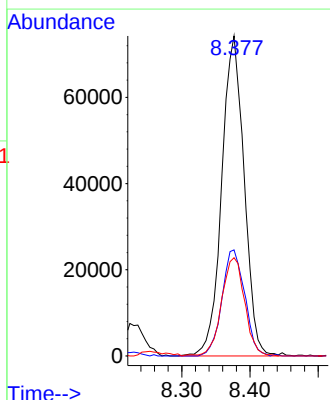
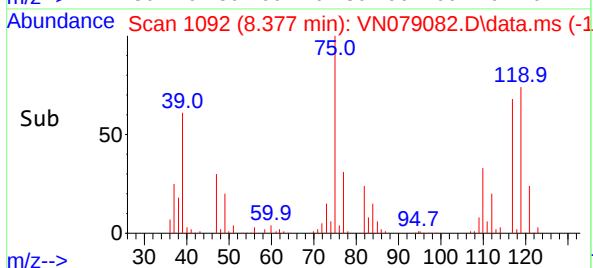
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

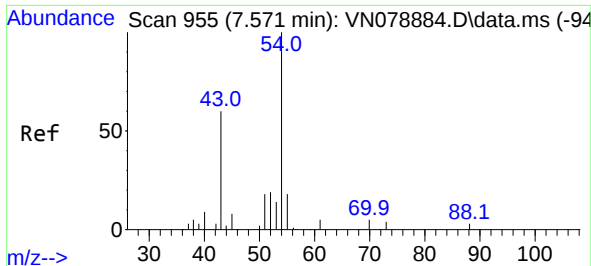


#36
1,1-Dichloropropene
Concen: 52.396 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion: 75 Resp: 170012
Ion Ratio Lower Upper
75 100
110 33.6 19.1 57.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 47.129 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079082.D

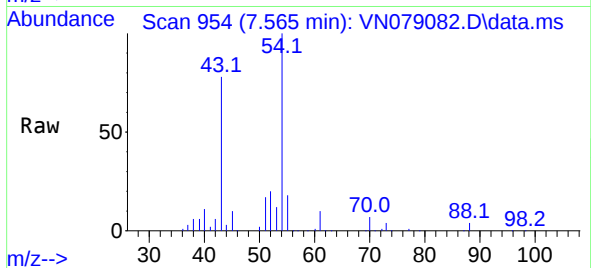
Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 171090

Ion Ratio Lower Upper

43 100

61 11.8 13.2 19.8

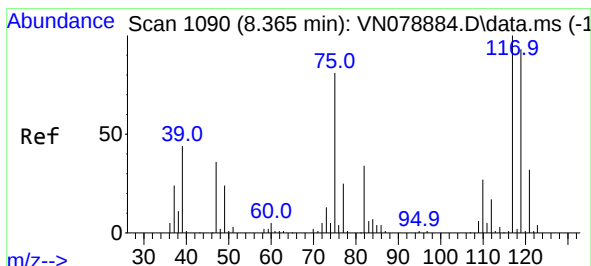
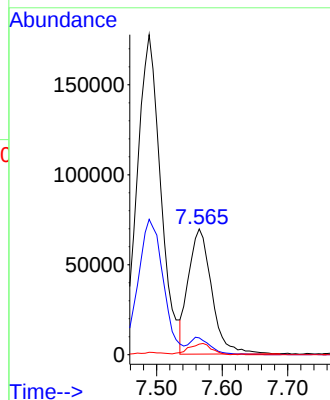
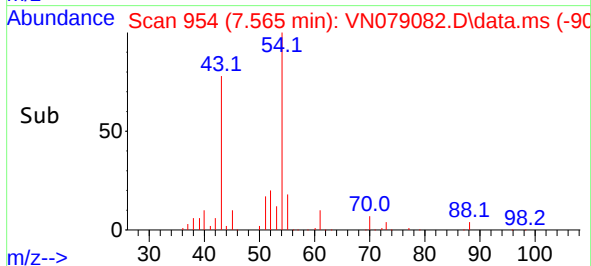
70 8.8 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#38

Carbon Tetrachloride

Concen: 51.899 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079082.D

Acq: 29 Aug 2023 09:57

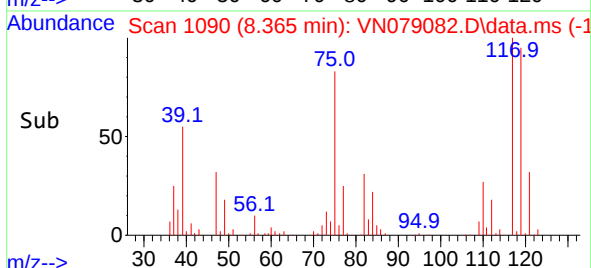
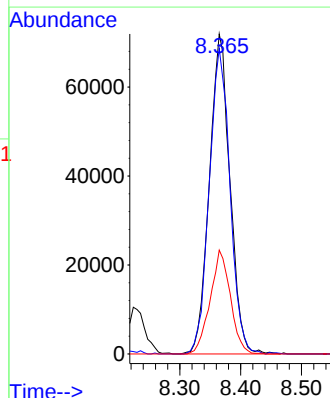
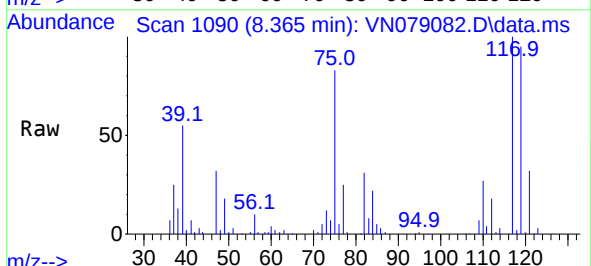
Tgt Ion:117 Resp: 168730

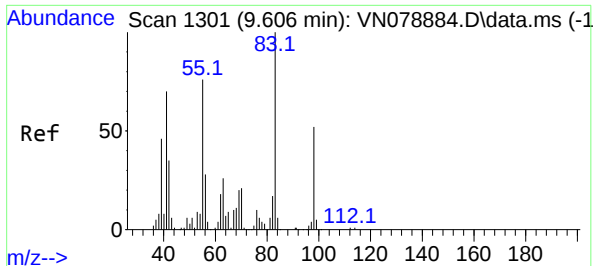
Ion Ratio Lower Upper

117 100

119 95.5 77.3 115.9

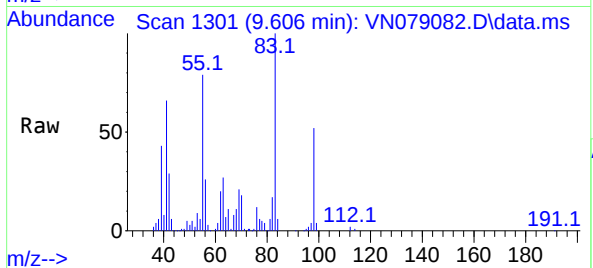
121 32.4 23.3 34.9





#39
Methylcyclohexane
Concen: 53.022 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

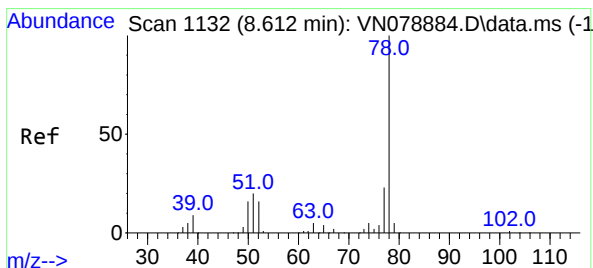
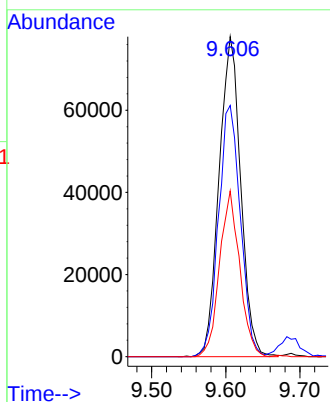
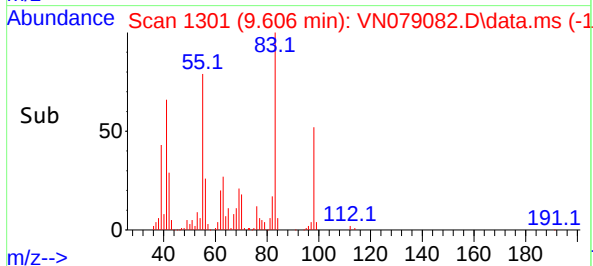
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 158220
Ion Ratio Lower Upper
83 100
55 78.5 49.1 73.7
98 51.8 40.6 61.0

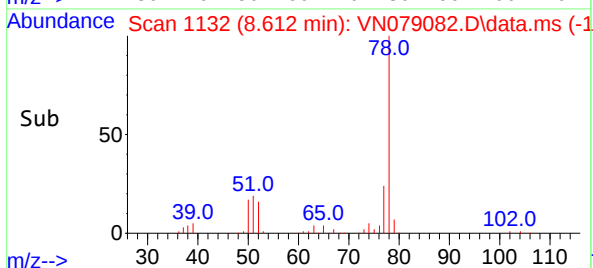
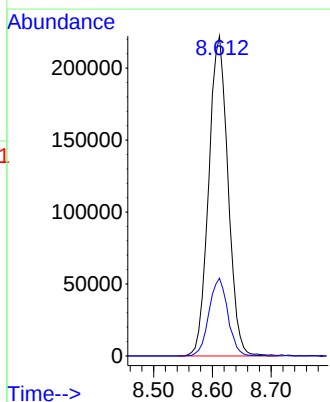
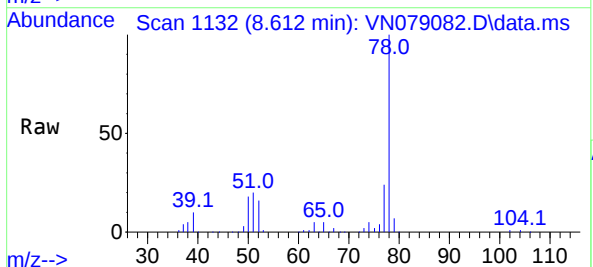
Manual Integrations
APPROVED

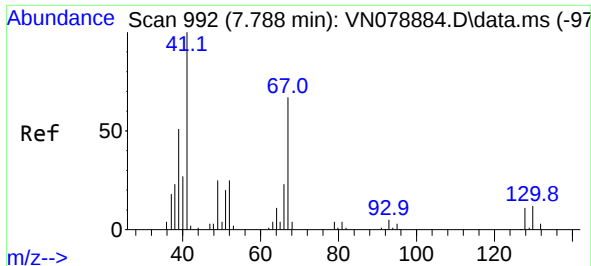
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#40
Benzene
Concen: 52.821 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

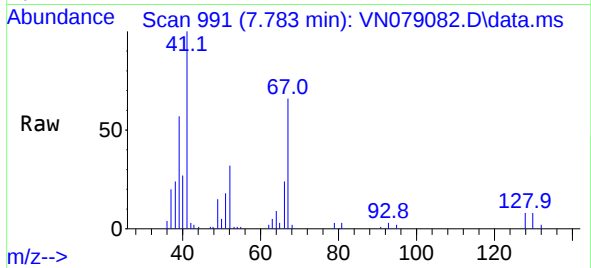
Tgt Ion: 78 Resp: 506592
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 47.090 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

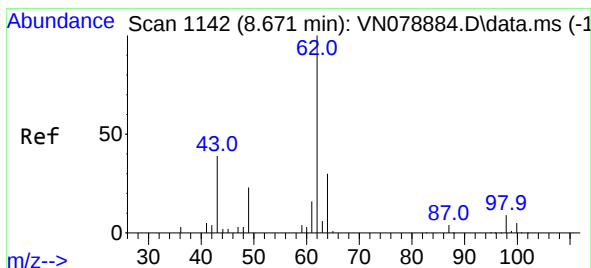
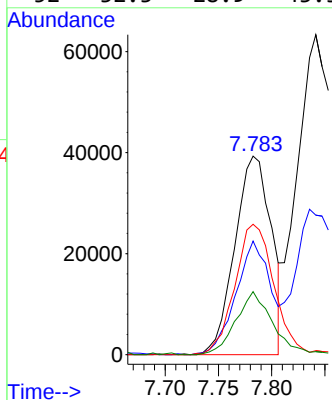
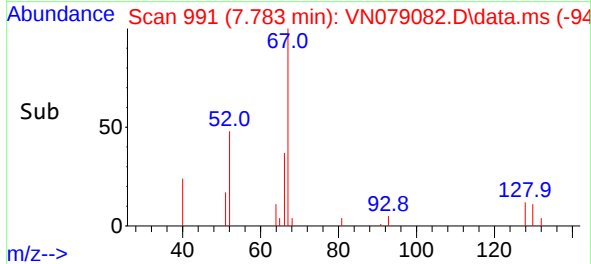
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 93108
Ion Ratio Lower Upper
41 100
39 54.2 42.6 64.0
67 71.4 77.5 116.3
52 32.3 28.9 43.3

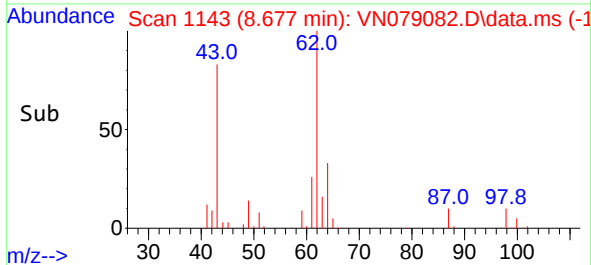
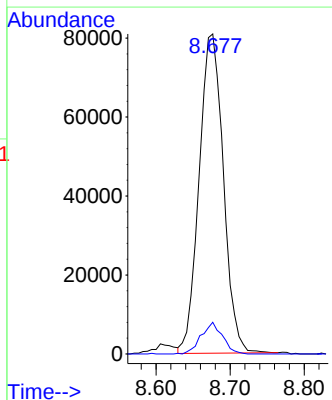
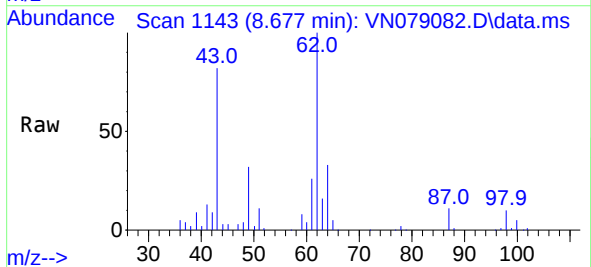
Manual Integrations
APPROVED

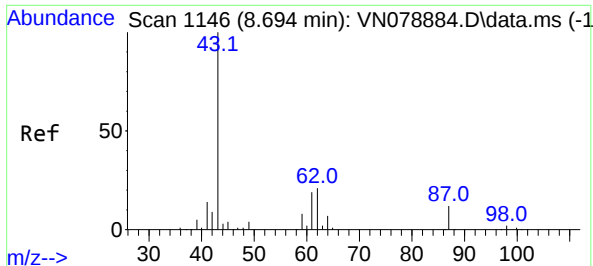
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#42
1,2-Dichloroethane
Concen: 51.421 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

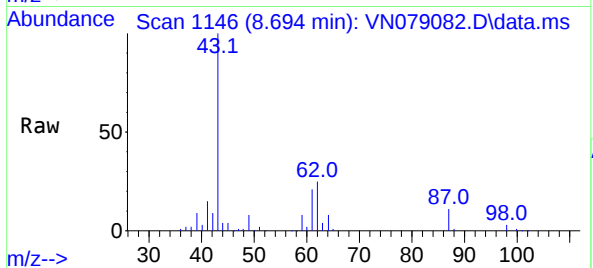
Tgt Ion: 62 Resp: 184244
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 46.192 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

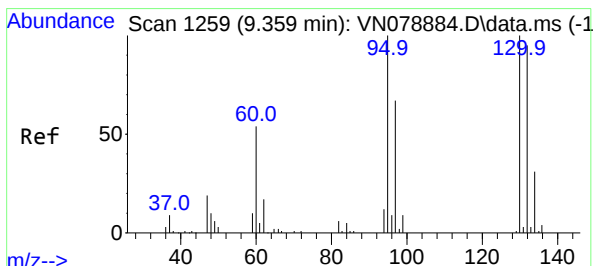
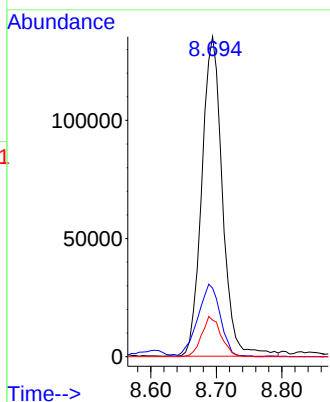
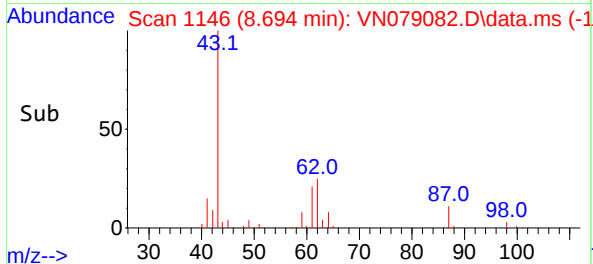
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



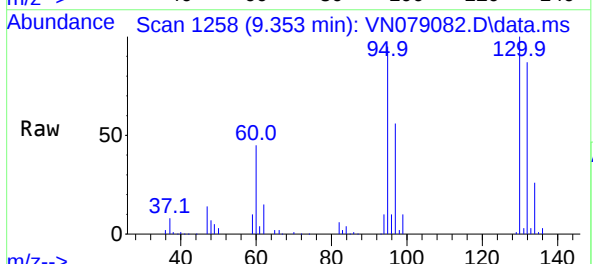
Tgt Ion: 43 Resp: 296398
Ion Ratio Lower Upper
43 100
61 24.8 24.7 37.1
87 11.8 14.6 21.8

Manual Integrations
APPROVED

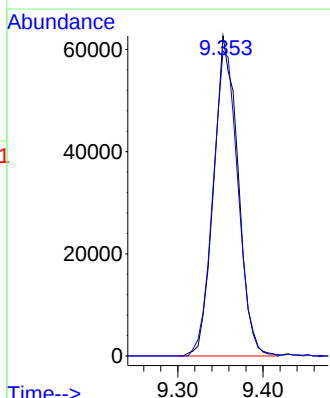
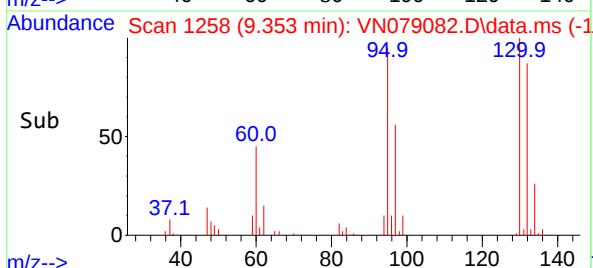
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

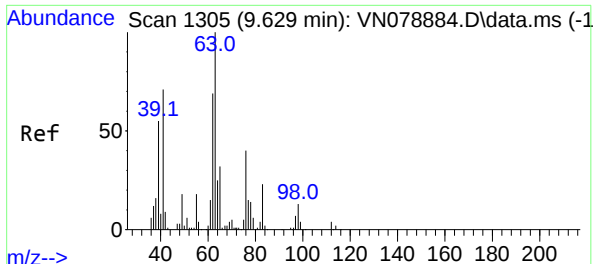


#44
Trichloroethene
Concen: 54.400 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion:130 Resp: 123969
Ion Ratio Lower Upper
130 100
95 95.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 50.913 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

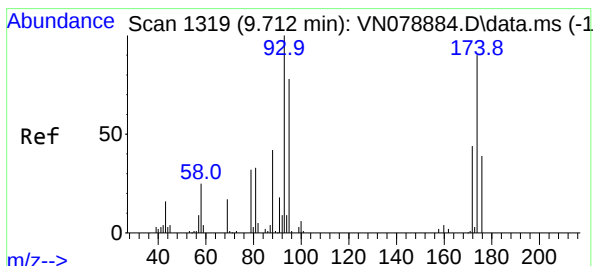
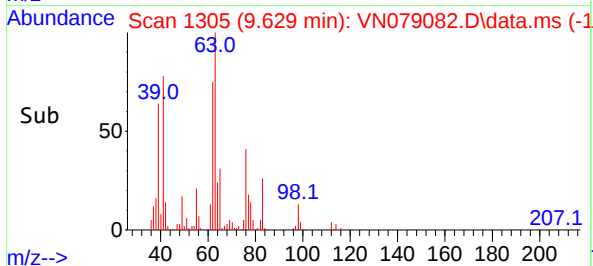
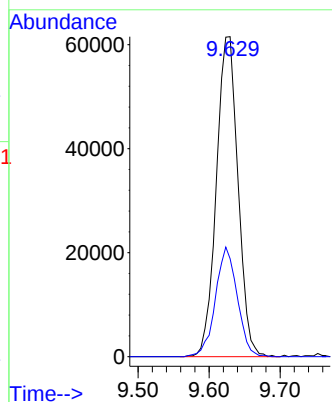
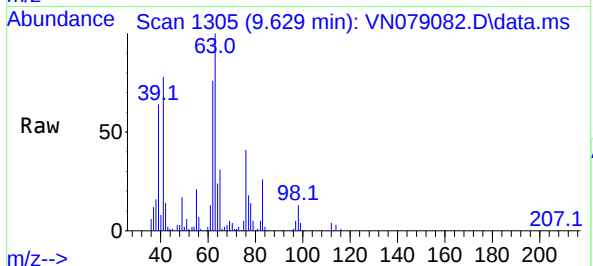
VSTDCCC050

Tgt Ion: 63 Resp: 130004
Ion Ratio Lower Upper
63 100
65 30.6 23.9 35.9

Manual Integrations

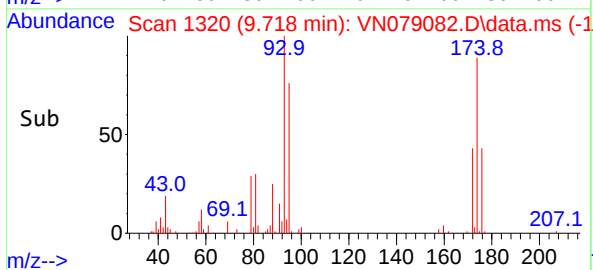
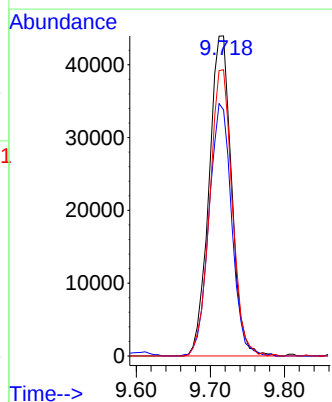
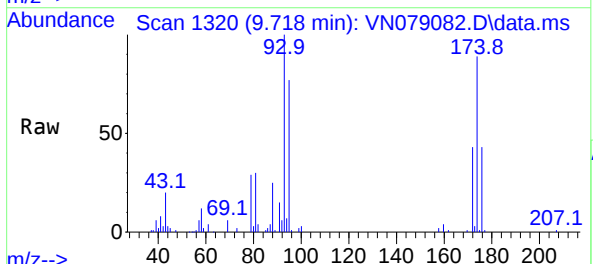
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#46
Dibromomethane
Concen: 53.019 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Tgt Ion: 93 Resp: 92857
Ion Ratio Lower Upper
93 100
95 79.3 63.8 95.8
174 89.2 65.6 98.4





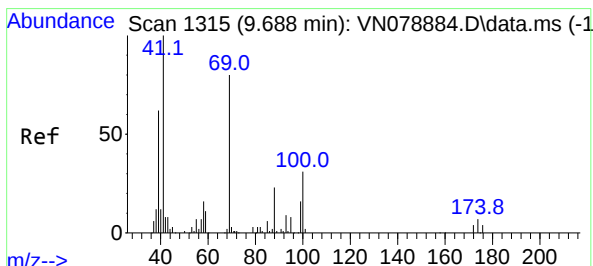
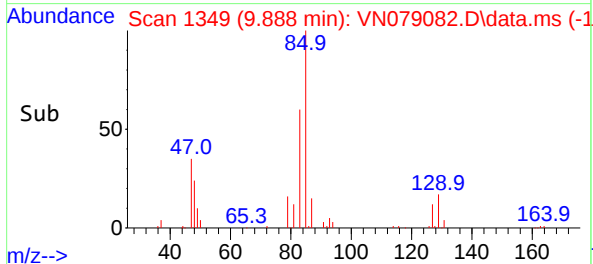
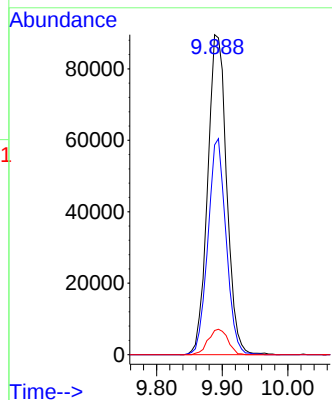
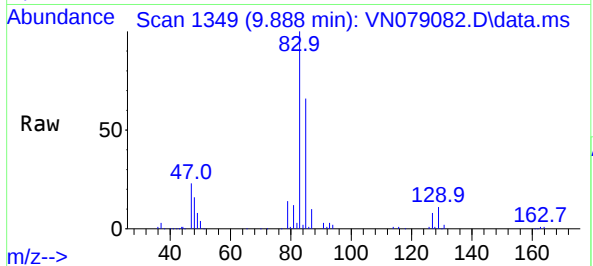
#47
Bromodichloromethane
Concen: 52.303 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 180886
Ion Ratio Lower Upper
83 100
85 65.5 49.6 74.4
127 7.6 7.0 10.6

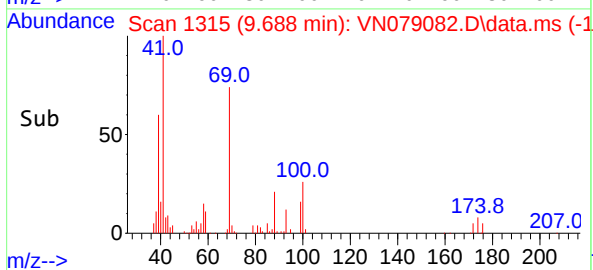
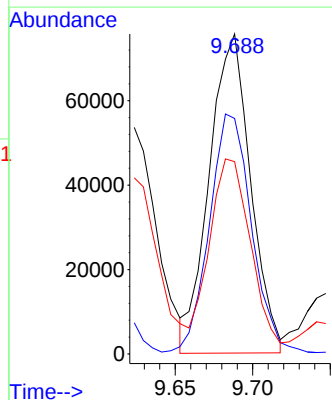
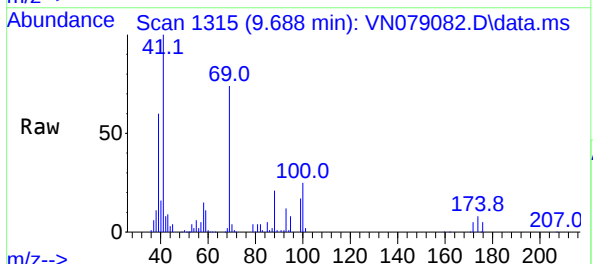
Manual Integrations
APPROVED

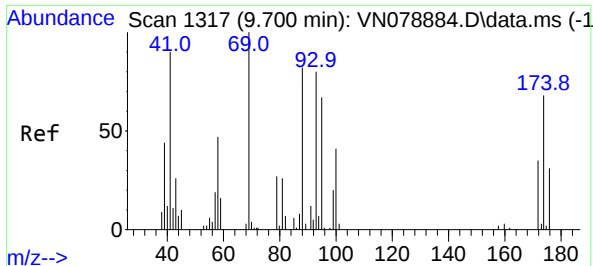
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#48
Methyl methacrylate
Concen: 48.203 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

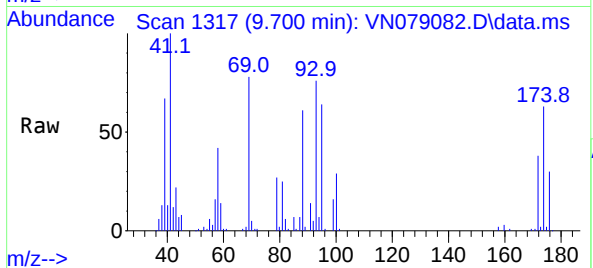
Tgt Ion: 41 Resp: 140161
Ion Ratio Lower Upper
41 100
69 76.4 90.4 135.6#
39 61.2 54.6 81.8





#49
1,4-Dioxane
Concen: 953.299 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

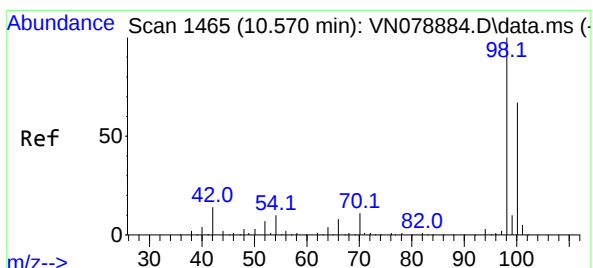
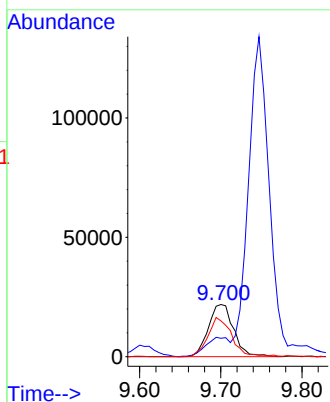
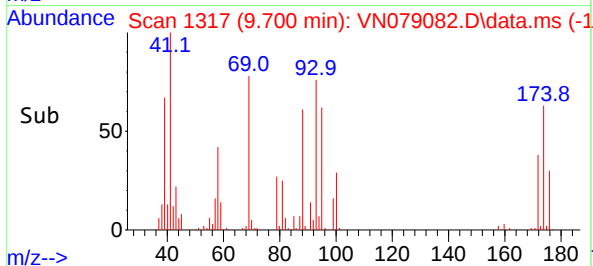
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



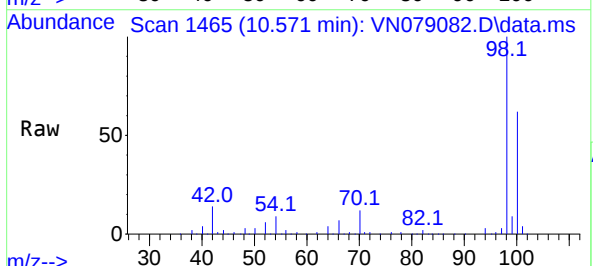
Tgt Ion: 88 Resp: 47214
Ion Ratio Lower Upper
88 100
43 35.1 17.0 25.6
58 71.5 47.0 70.4

Manual Integrations
APPROVED

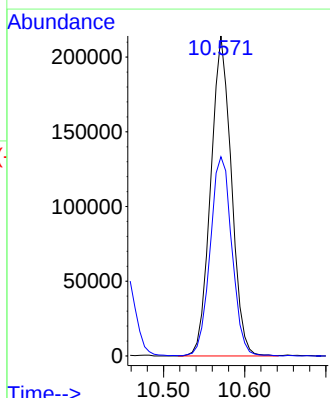
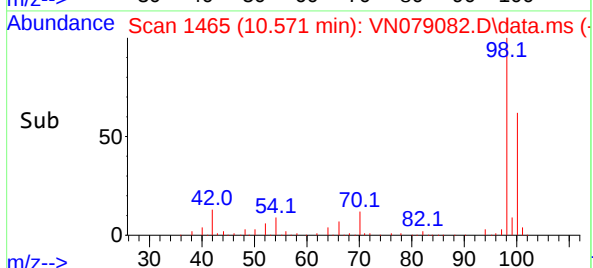
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

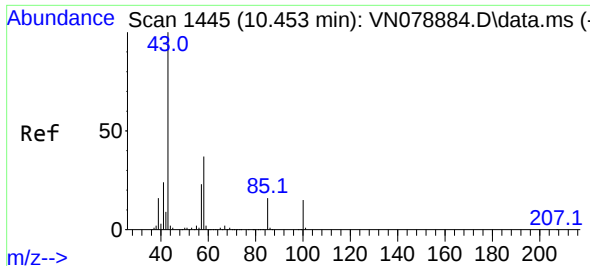


#50
Toluene-d8
Concen: 47.183 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



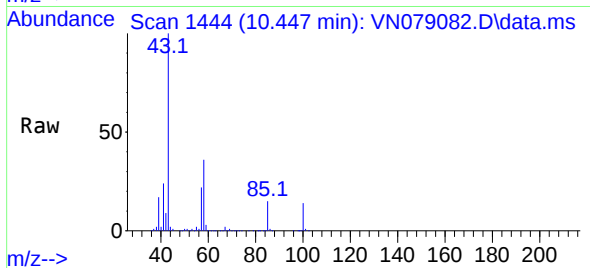
Tgt Ion: 98 Resp: 377897
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 234.320 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

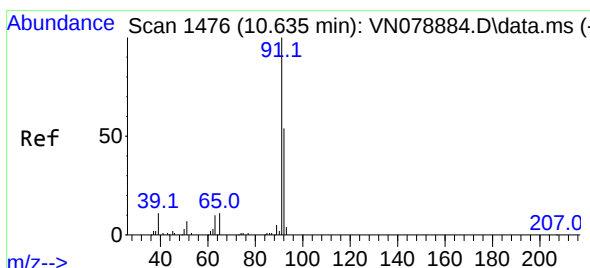
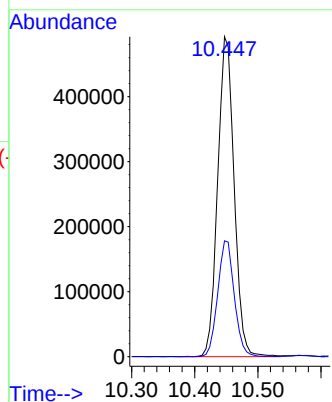
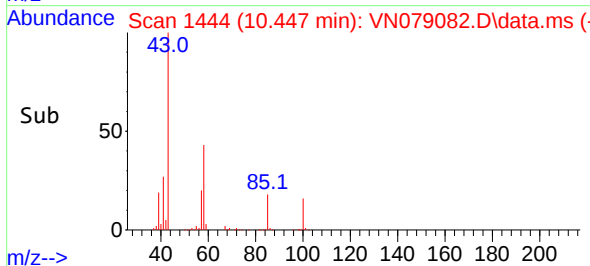
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



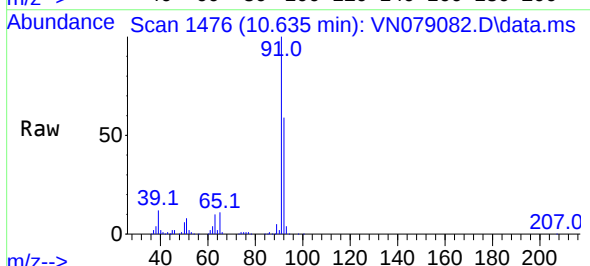
Tgt Ion: 43 Resp: 891762
Ion Ratio Lower Upper
43 100
58 36.5 36.6 54.8

Manual Integrations
APPROVED

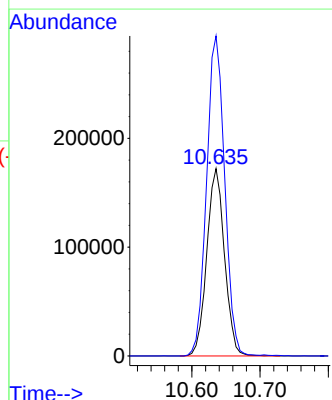
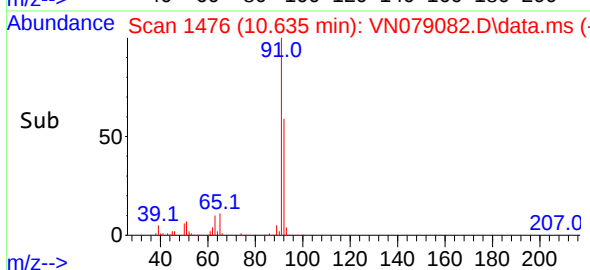
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

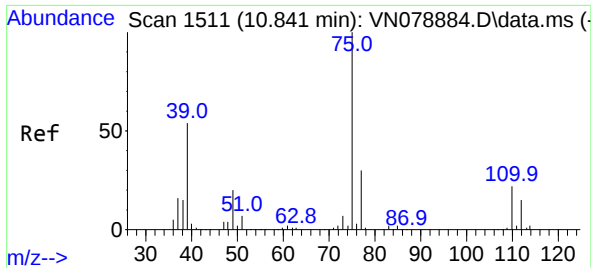


#52
Toluene
Concen: 52.910 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



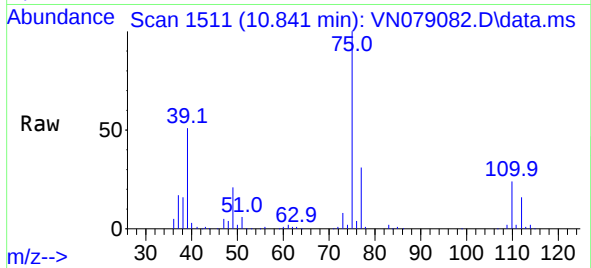
Tgt Ion: 92 Resp: 311551
Ion Ratio Lower Upper
92 100
91 174.3 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 52.488 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079082.D
 Acq: 29 Aug 2023 09:57

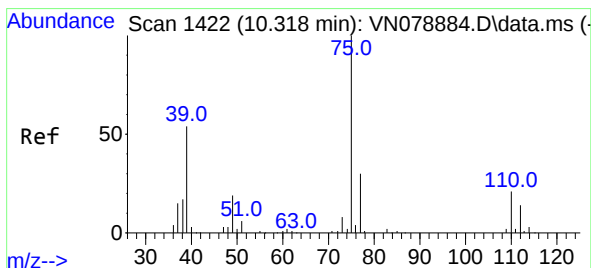
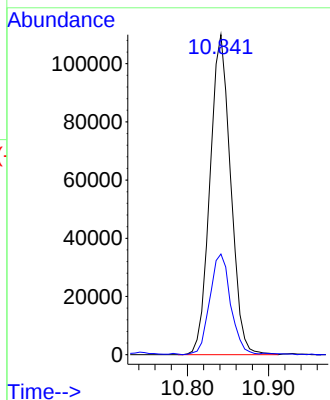
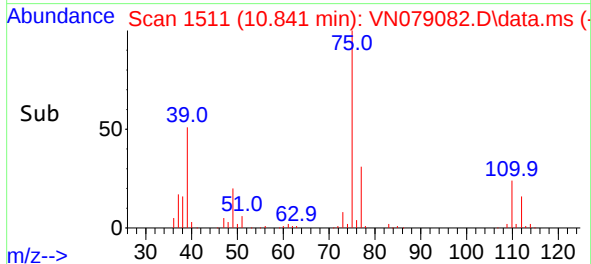
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



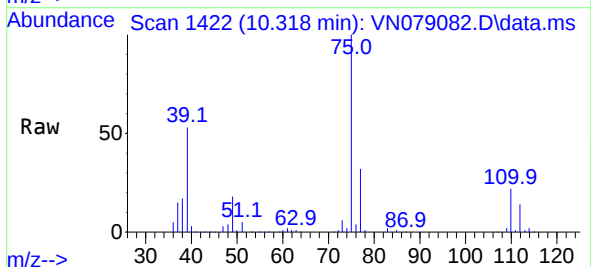
Tgt Ion: 75 Resp: 194668
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0

Manual Integrations
 APPROVED

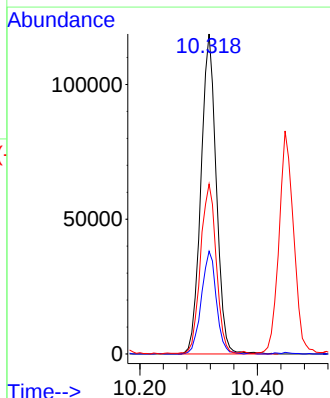
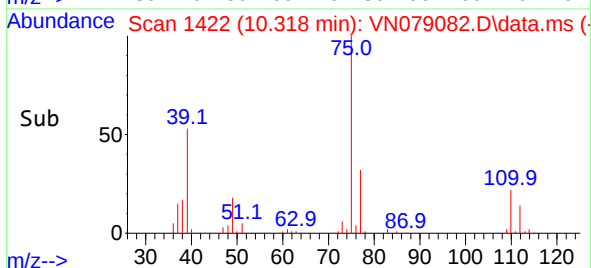
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023

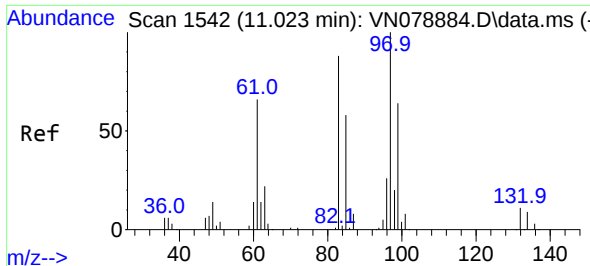


#54
 cis-1,3-Dichloropropene
 Concen: 53.079 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079082.D
 Acq: 29 Aug 2023 09:57



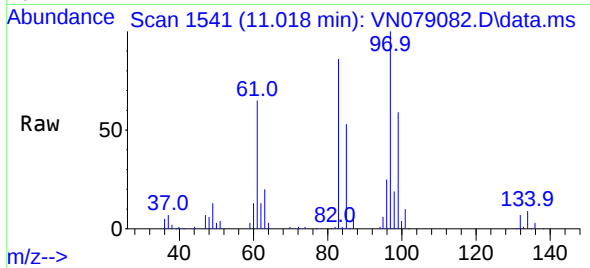
Tgt Ion: 75 Resp: 214401
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 52.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 52.649 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

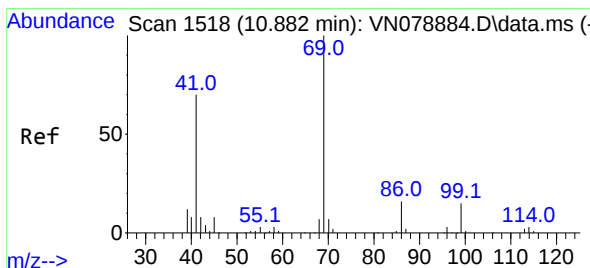
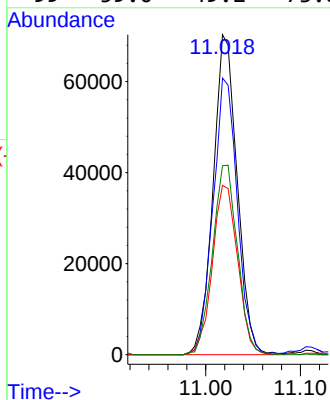
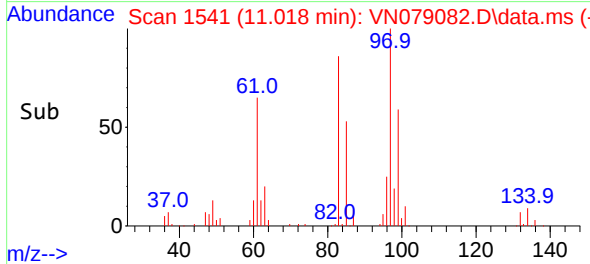
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



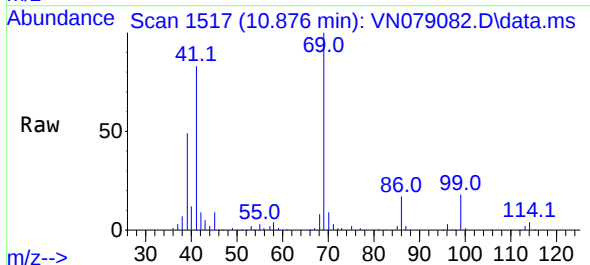
Tgt Ion: 97 Resp: 12430
Ion Ratio Lower Upper
97 100
83 86.4 65.1 97.7
85 52.9 43.4 65.2
99 59.0 49.2 73.8

Manual Integrations
APPROVED

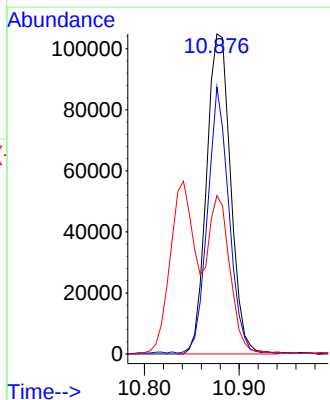
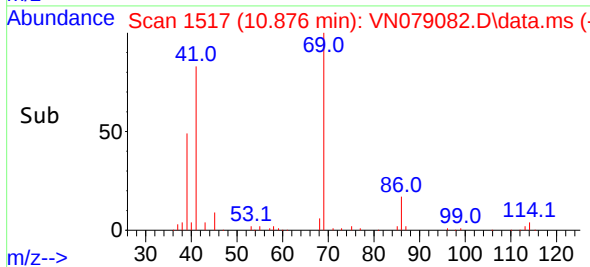
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

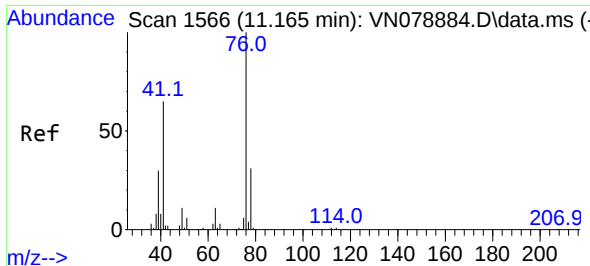


#56
Ethyl methacrylate
Concen: 50.490 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion: 69 Resp: 184785
Ion Ratio Lower Upper
69 100
41 74.0 39.6 59.4#
39 45.9 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 50.800 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079082.D

Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 214524

Ion Ratio Lower Upper

76 100

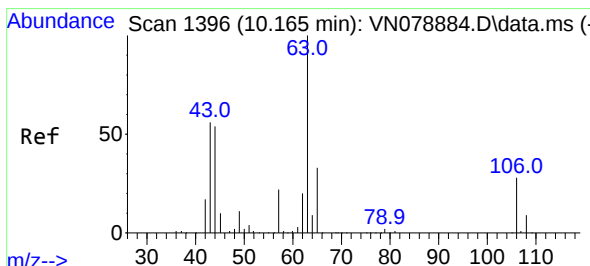
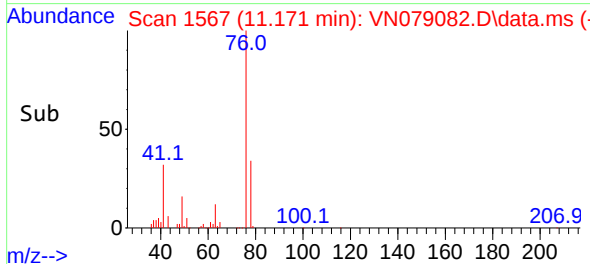
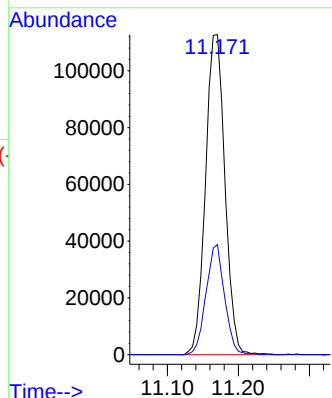
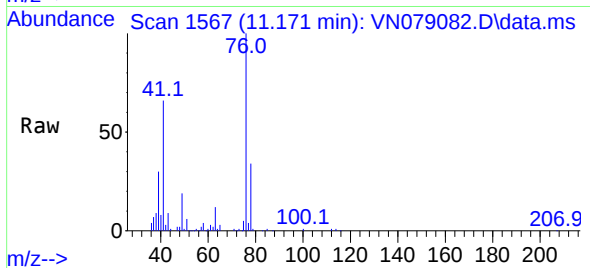
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 203.061 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079082.D

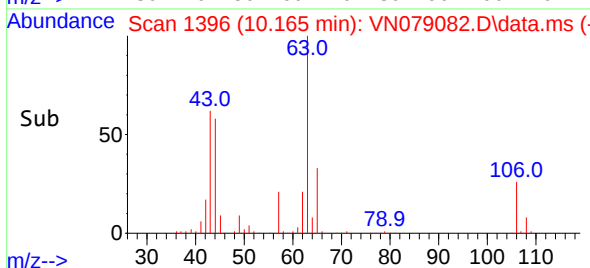
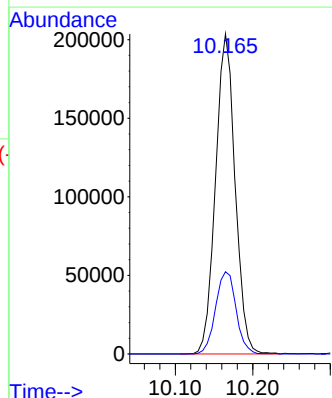
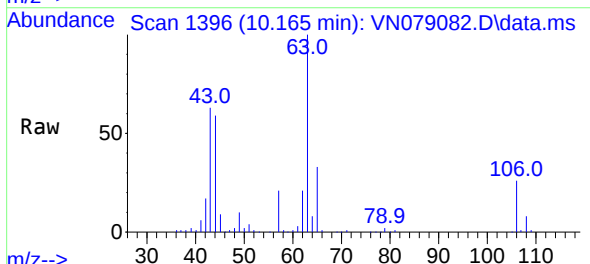
Acq: 29 Aug 2023 09:57

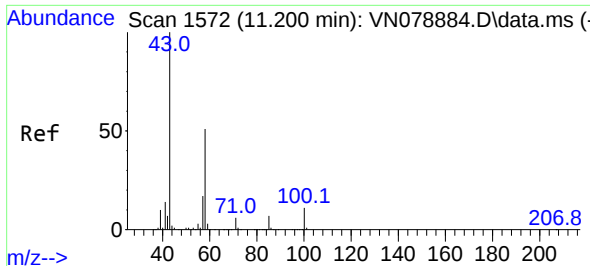
Tgt Ion: 63 Resp: 356742

Ion Ratio Lower Upper

63 100

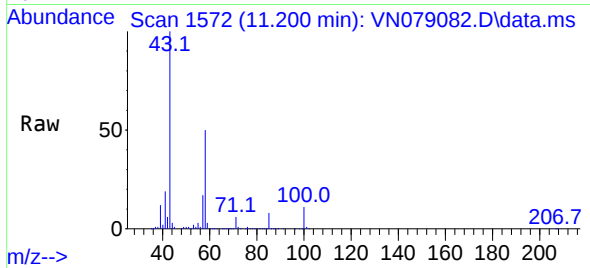
106 27.0 26.2 39.4





#59
2-Hexanone
Concen: 238.133 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

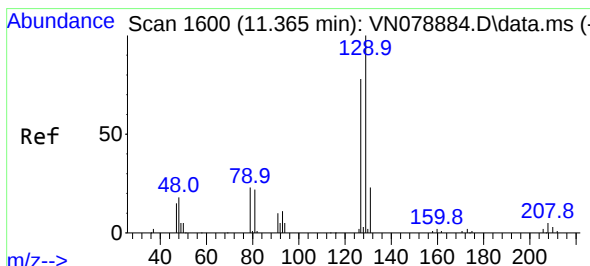
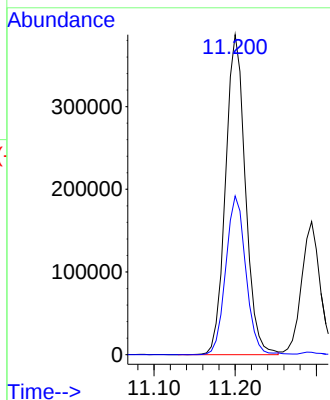
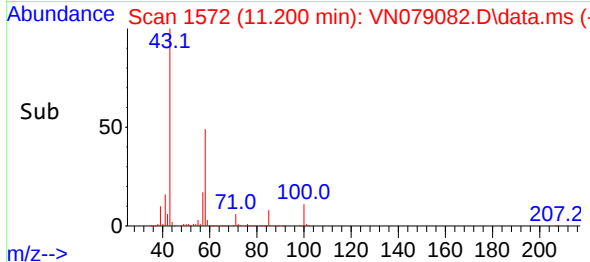
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 656412
Ion Ratio Lower Upper
43 100
58 50.2 31.7 95.1

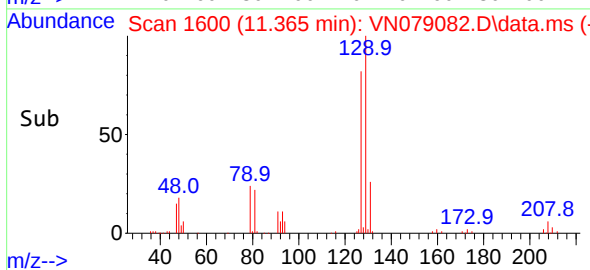
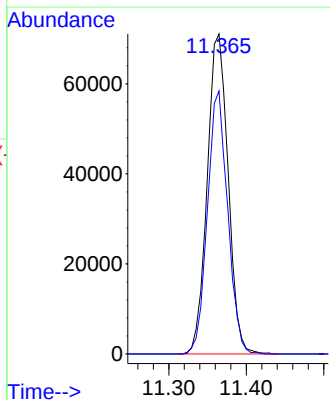
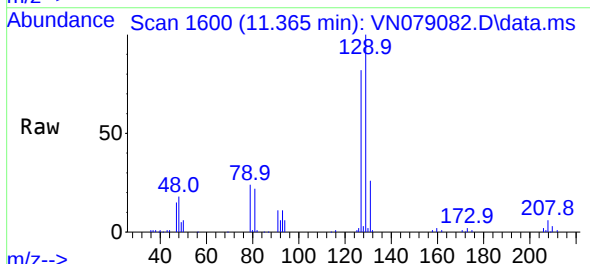
Manual Integrations
APPROVED

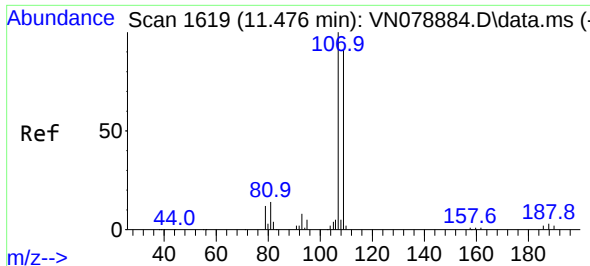
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#60
Dibromochloromethane
Concen: 53.539 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

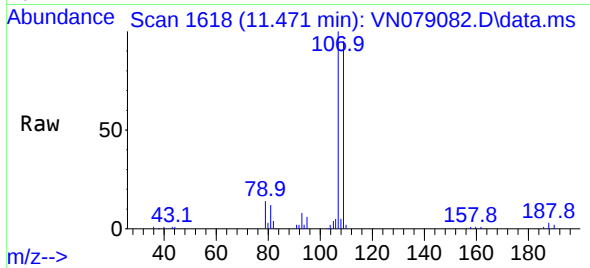
Tgt Ion:129 Resp: 133018
Ion Ratio Lower Upper
129 100
127 79.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.626 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

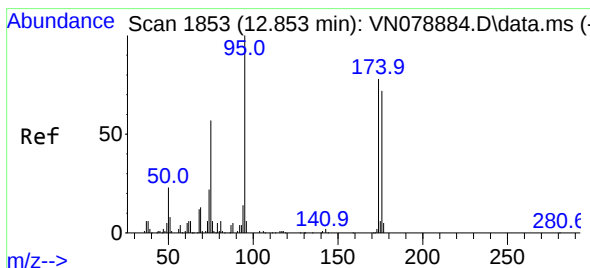
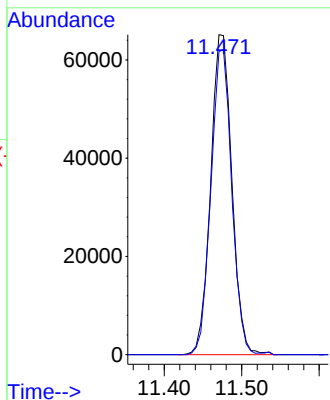
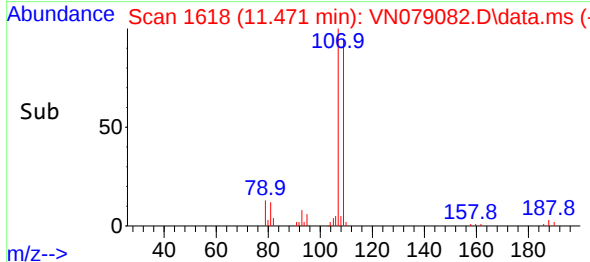
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



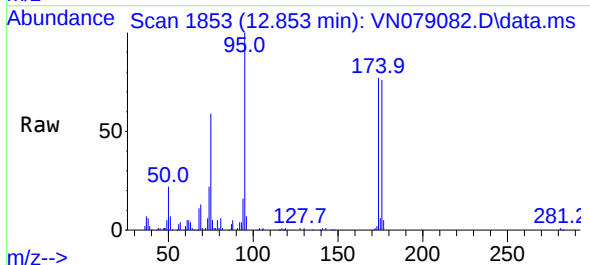
Tgt Ion:107 Resp: 123864
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

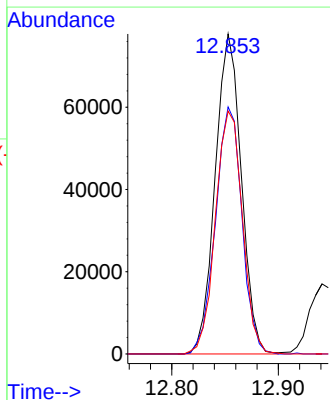
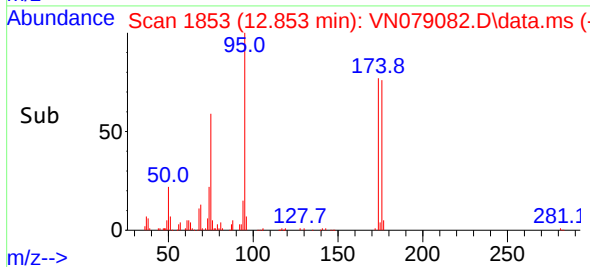
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

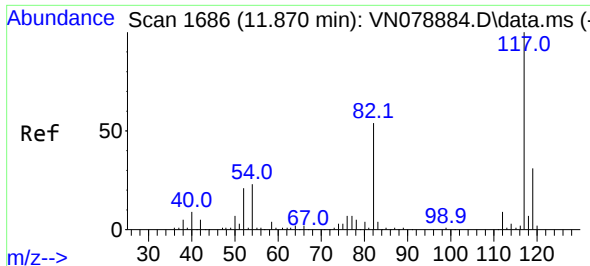


#62
4-Bromofluorobenzene
Concen: 50.596 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



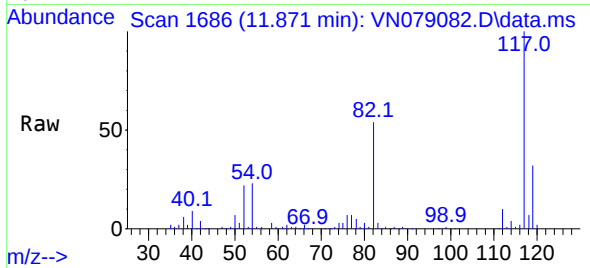
Tgt Ion: 95 Resp: 132455
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 78.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

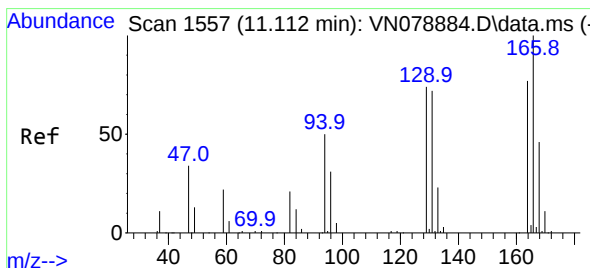
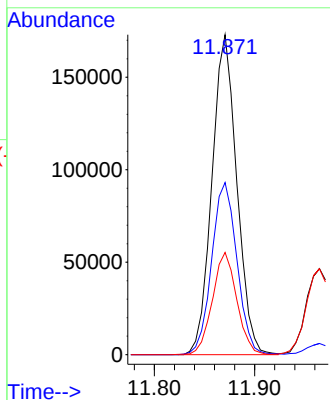
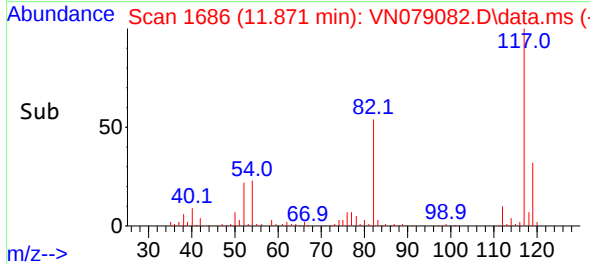
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



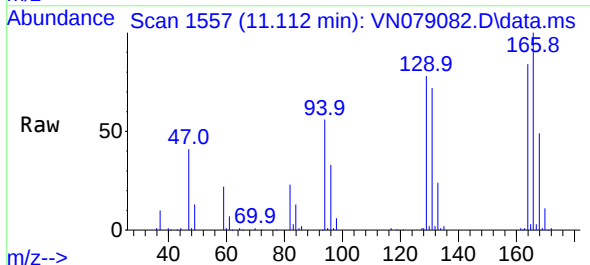
Tgt Ion:117 Resp: 29819
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

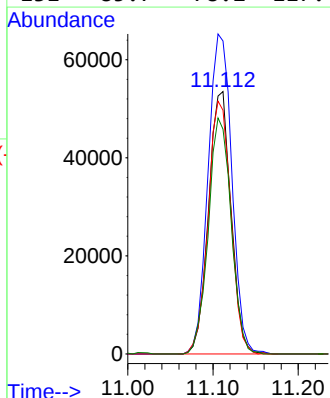
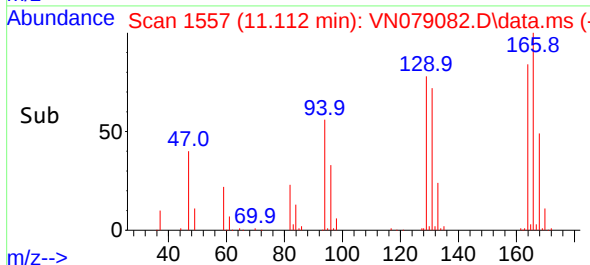
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

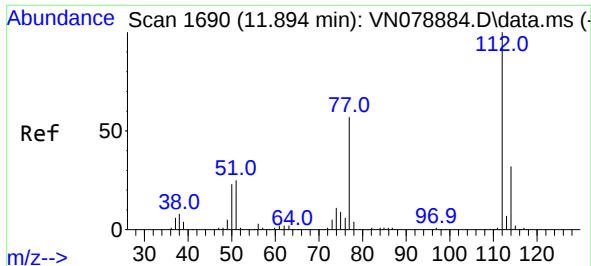


#64
Tetrachloroethene
Concen: 52.479 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



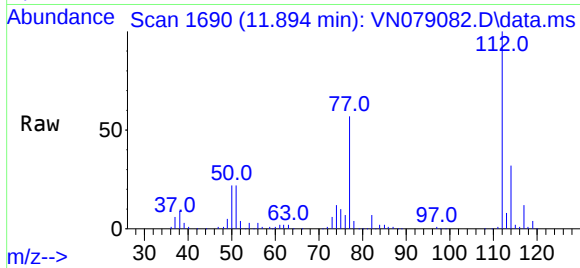
Tgt Ion:164 Resp: 98138
Ion Ratio Lower Upper
164 100
166 119.3 101.4 152.0
129 92.9 82.4 123.6
131 85.7 78.2 117.4





#65
Chlorobenzene
Concen: 51.413 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

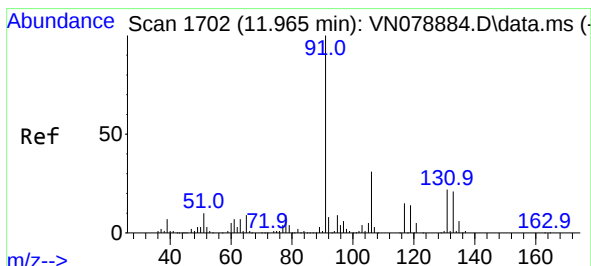
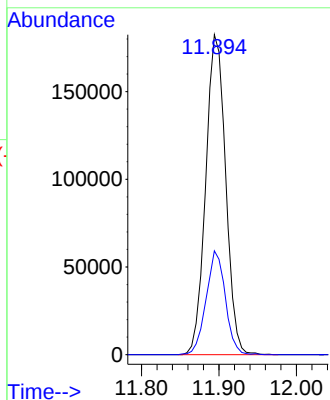
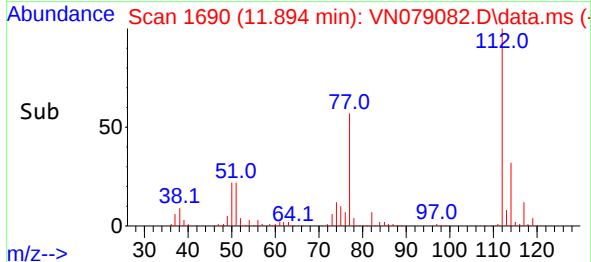
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



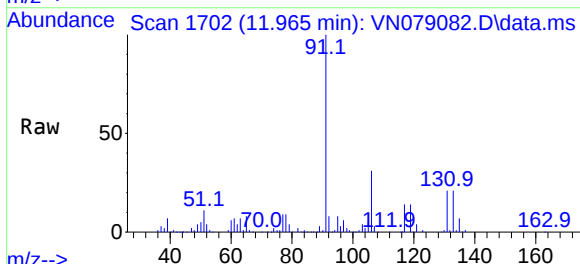
Tgt Ion:112 Resp: 326344
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

Manual Integrations
APPROVED

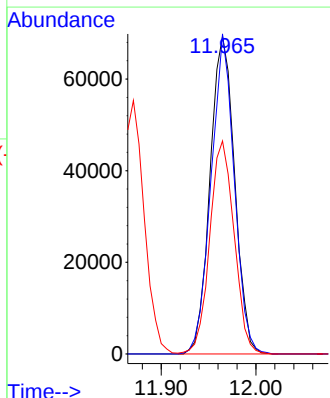
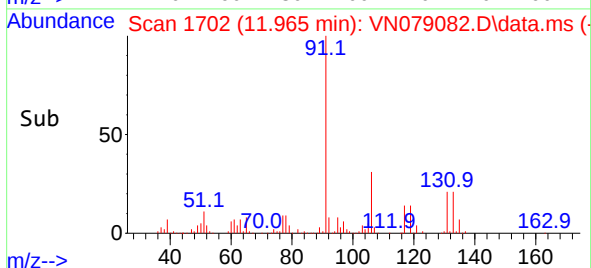
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

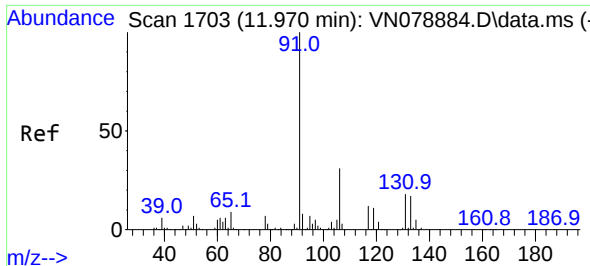


#66
1,1,1,2-Tetrachloroethane
Concen: 51.993 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



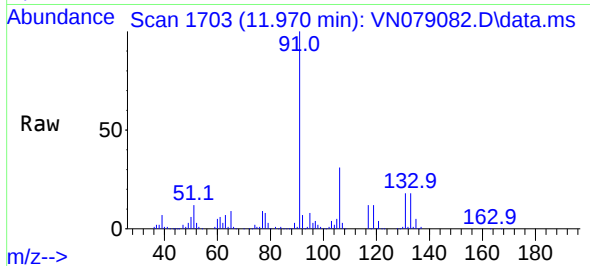
Tgt Ion:131 Resp: 124721
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 66.6 34.1 102.2





#67
Ethyl Benzene
Concen: 49.836 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

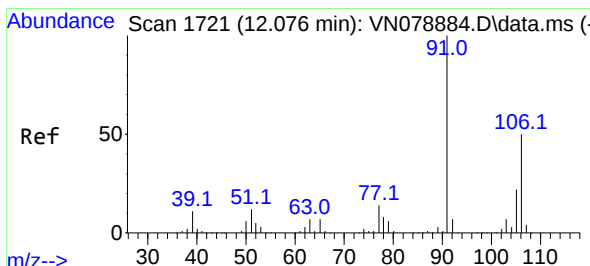
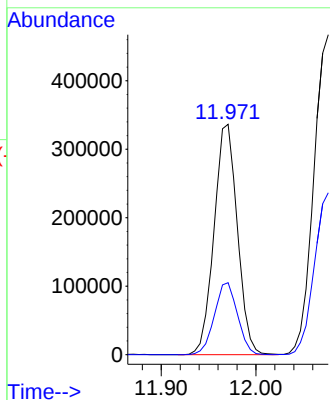
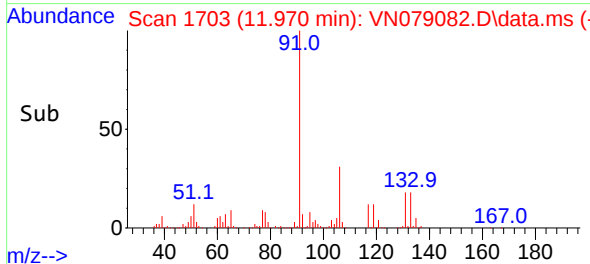
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



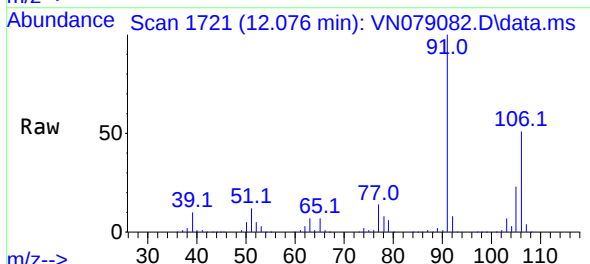
Tgt Ion: 91 Resp: 57526
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

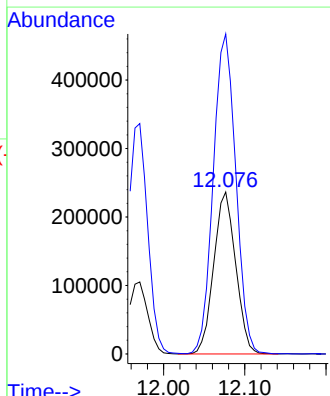
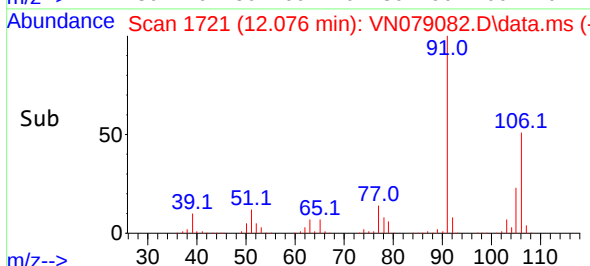
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

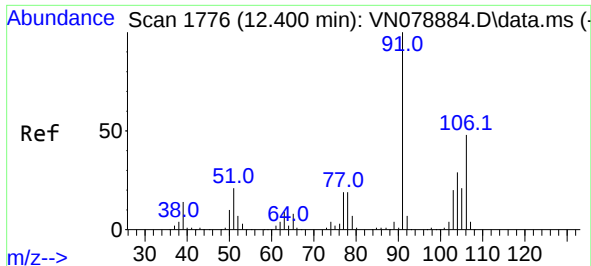


#68
m/p-Xylenes
Concen: 102.986 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion:106 Resp: 444459
Ion Ratio Lower Upper
106 100
91 203.3 159.6 239.4





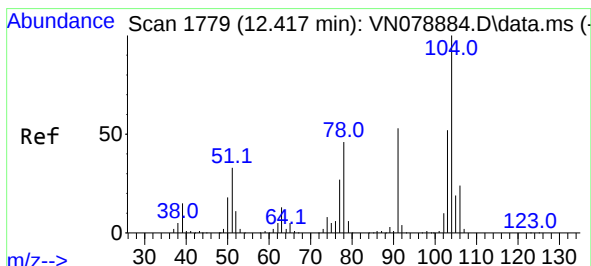
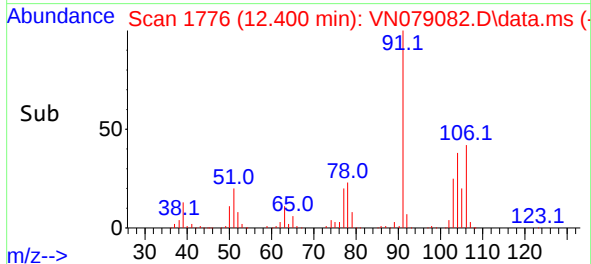
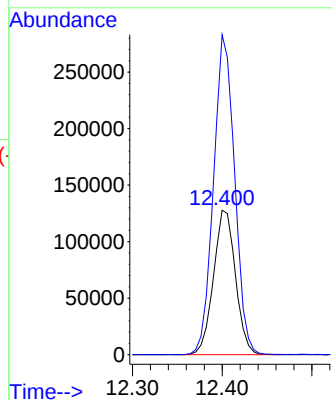
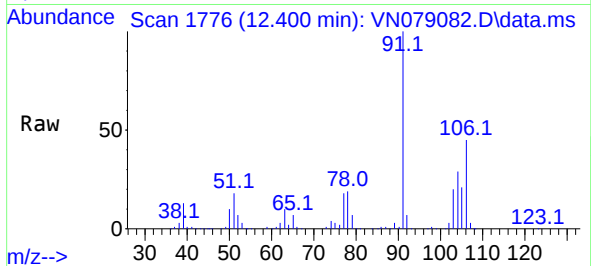
#69
o-Xylene
Concen: 51.787 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 217415
Ion Ratio Lower Upper
106 100
91 212.9 105.2 315.5

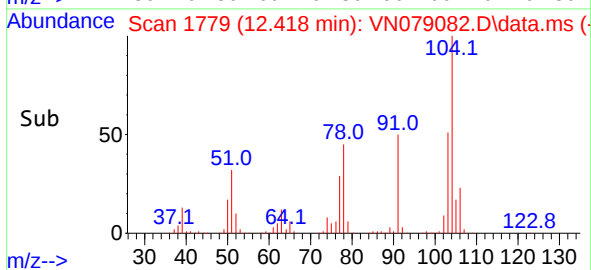
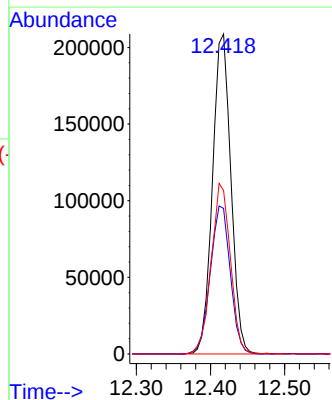
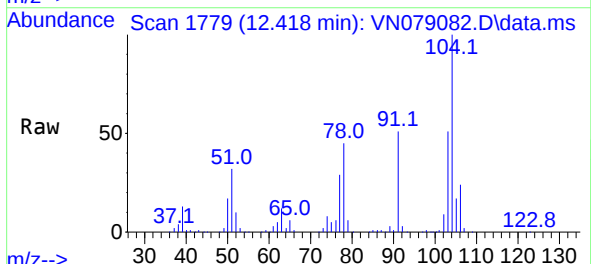
Manual Integrations
APPROVED

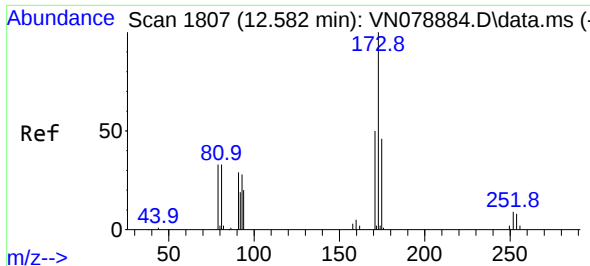
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#70
Styrene
Concen: 51.479 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

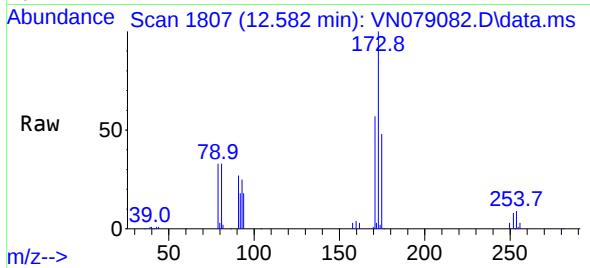
Tgt Ion:104 Resp: 360370
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 52.761 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

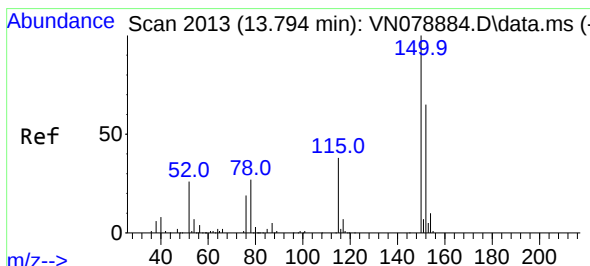
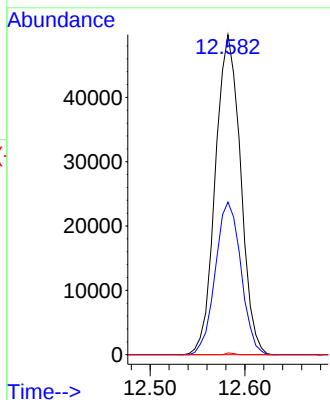
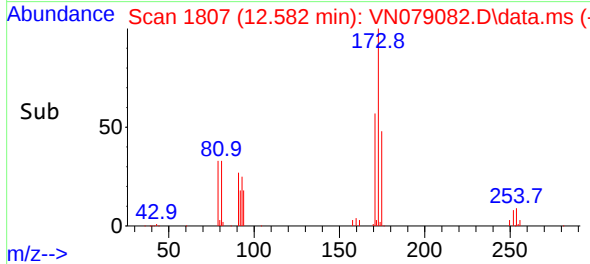
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



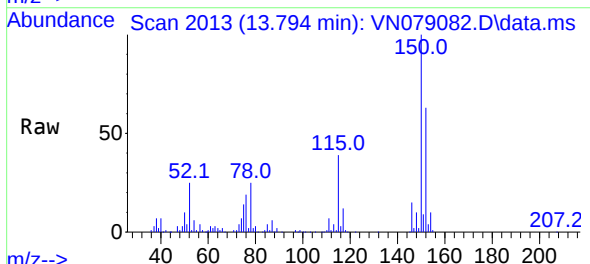
Tgt Ion:173 Resp: 92012
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.2 0.0 0.0

Manual Integrations
APPROVED

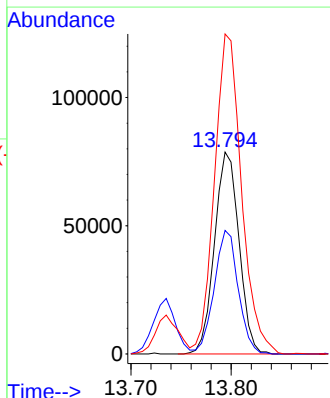
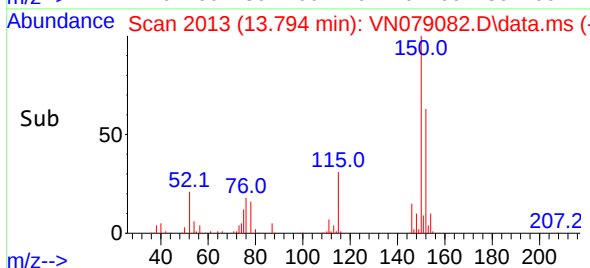
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

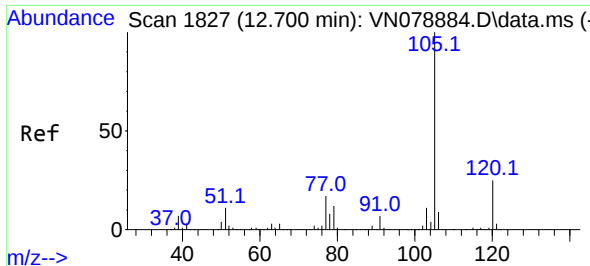


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion:152 Resp: 133476
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 175.3 0.0 355.8





#73
Isopropylbenzene
Concen: 47.862 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

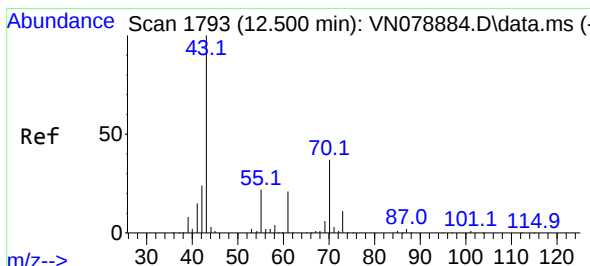
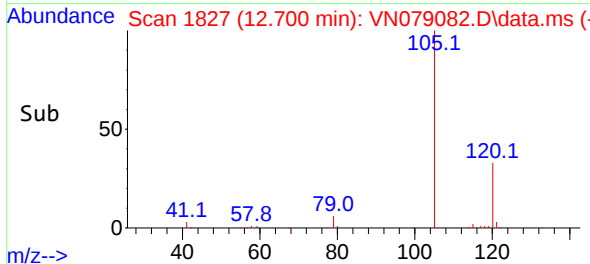
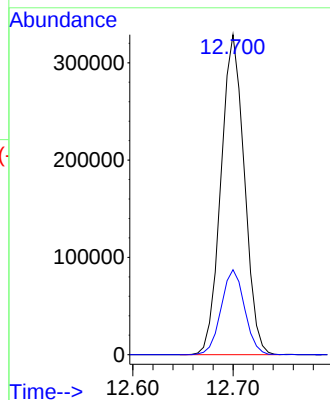
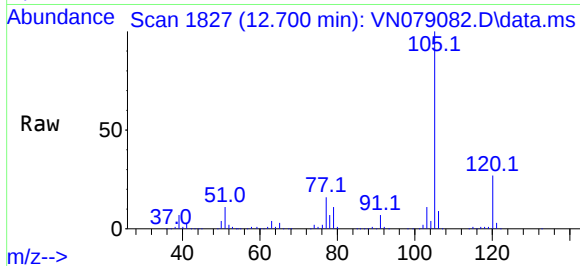
VSTDCCC050

Tgt Ion:105 Resp: 53268
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations

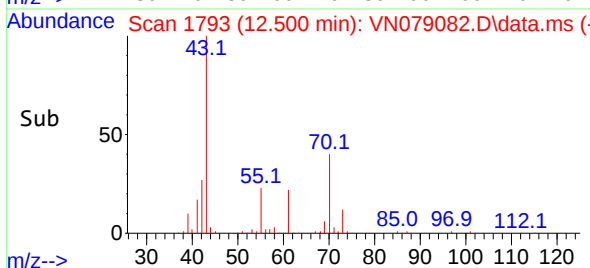
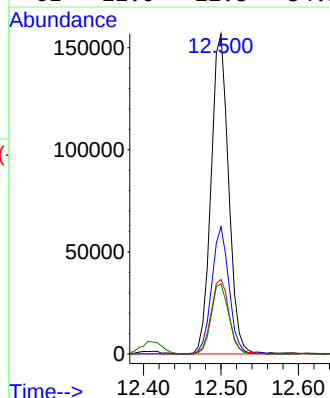
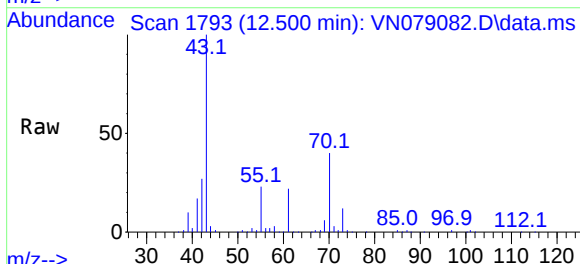
APPROVED

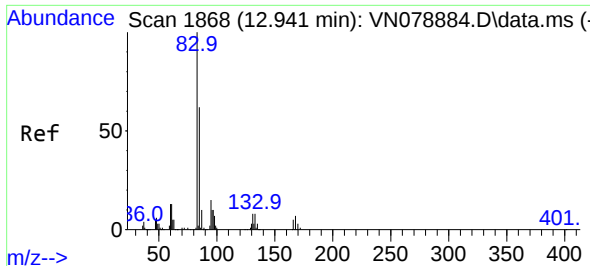
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#74
N-ethyl acetate
Concen: 43.815 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

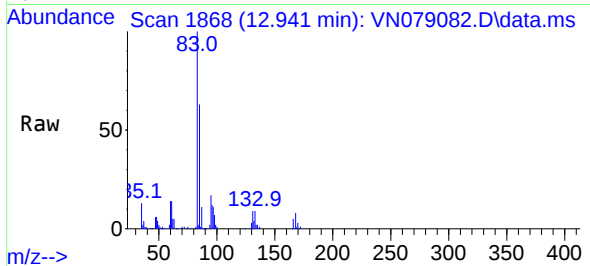
Tgt Ion: 43 Resp: 246140
Ion Ratio Lower Upper
43 100
70 39.0 43.4 65.2#
55 24.0 21.4 32.0
61 22.0 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 44.591 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

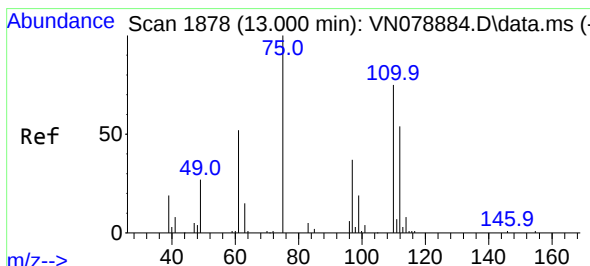
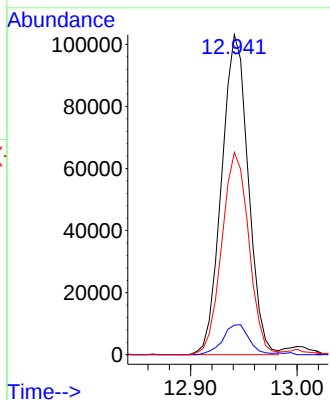
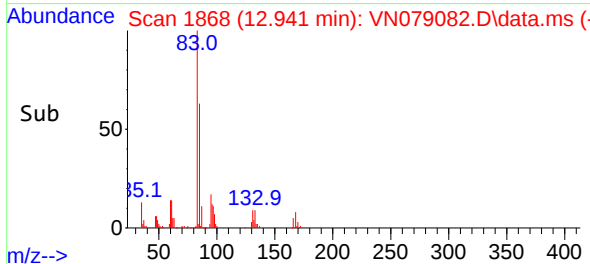
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 17919
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 64.0 31.9 95.7

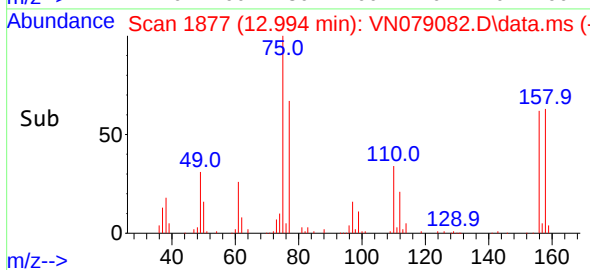
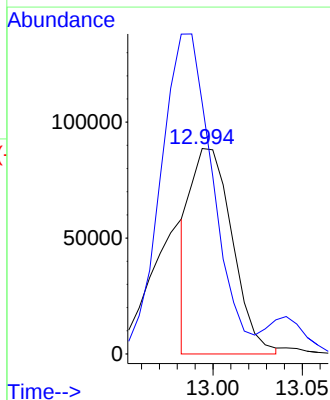
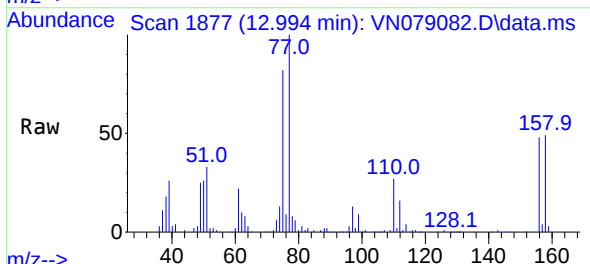
Manual Integrations
APPROVED

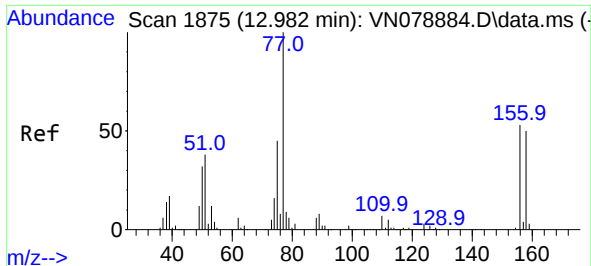
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#76
1,2,3-Trichloropropane
Concen: 44.708 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Tgt Ion: 75 Resp: 143786
Ion Ratio Lower Upper
75 100
77 194.6 84.5 253.5





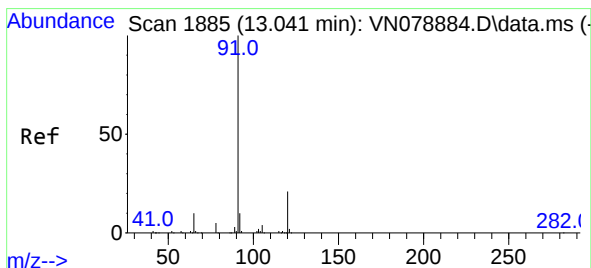
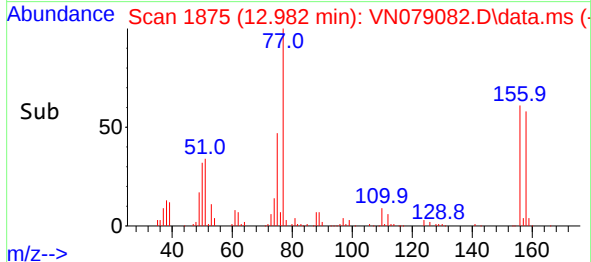
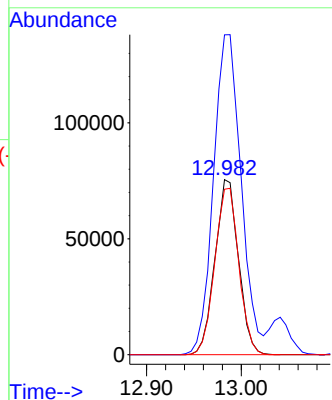
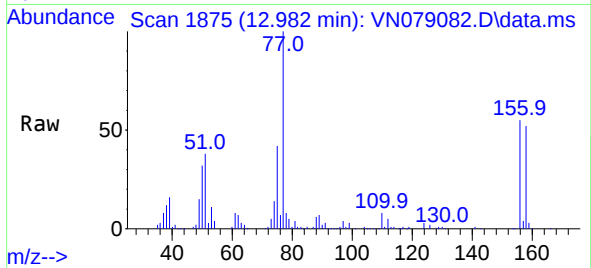
#77
Bromobenzene
Concen: 48.704 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 130292
Ion Ratio Lower Upper
156 100
77 214.8 107.7 323.3
158 97.4 48.4 145.3

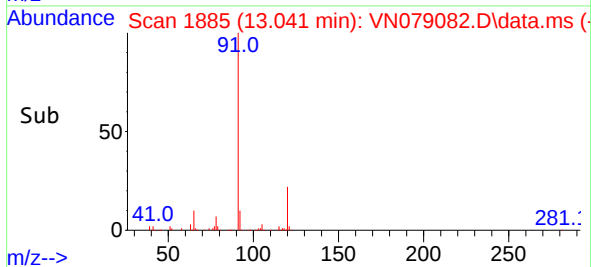
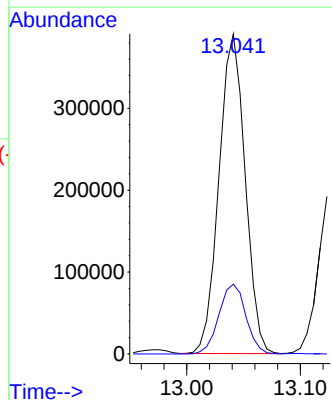
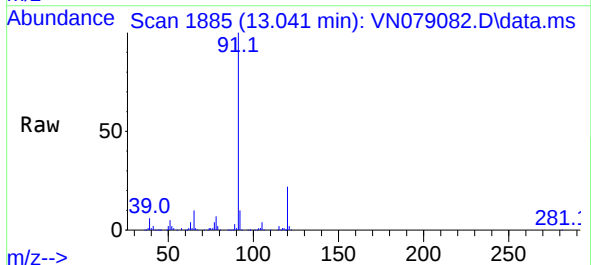
Manual Integrations
APPROVED

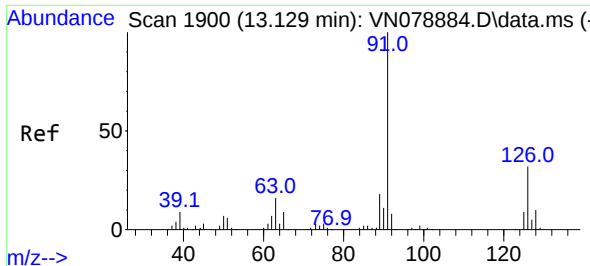
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#78
n-propylbenzene
Concen: 48.334 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Tgt Ion: 91 Resp: 623780
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





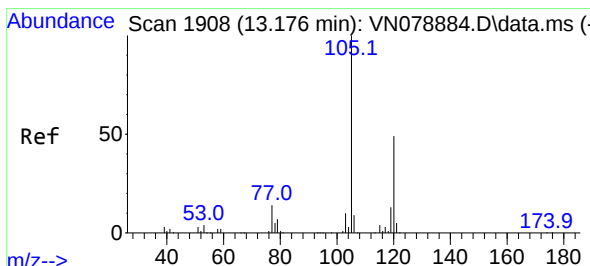
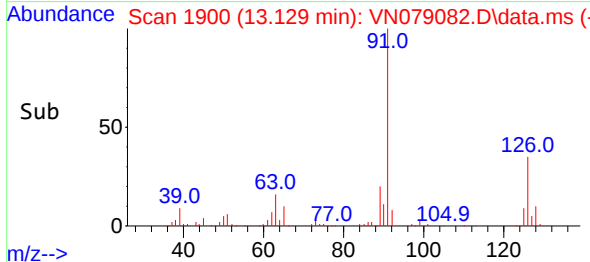
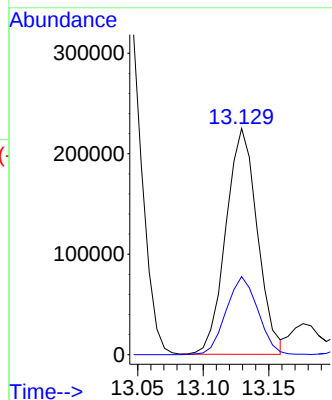
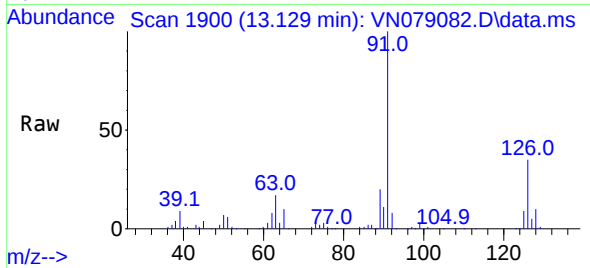
#79
2-Chlorotoluene
Concen: 46.933 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 375730
Ion Ratio Lower Upper
91 100
126 34.9 16.3 48.8

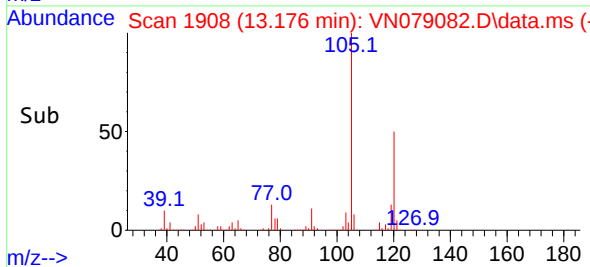
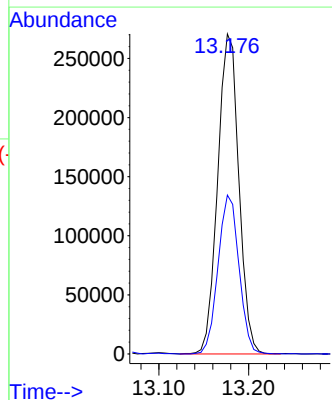
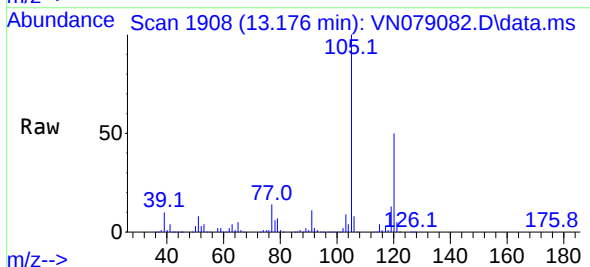
Manual Integrations
APPROVED

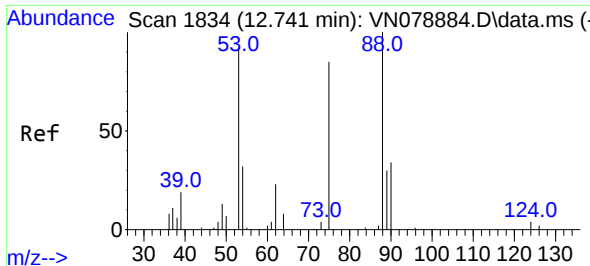
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.217 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

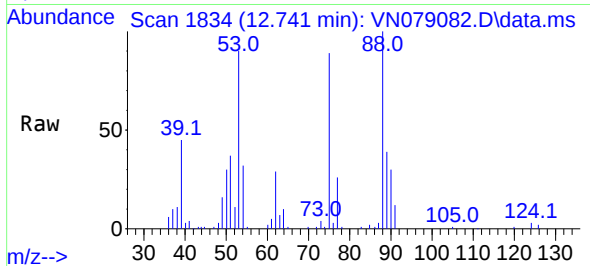
Tgt Ion:105 Resp: 442895
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.054 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

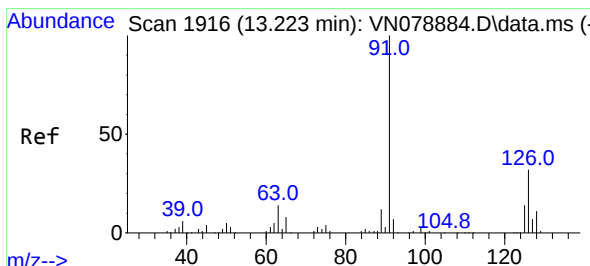
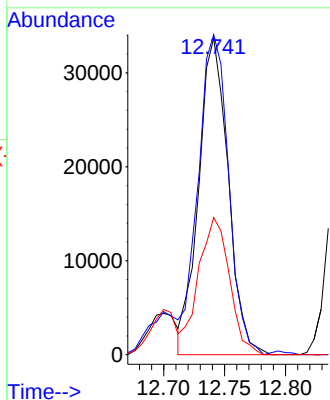
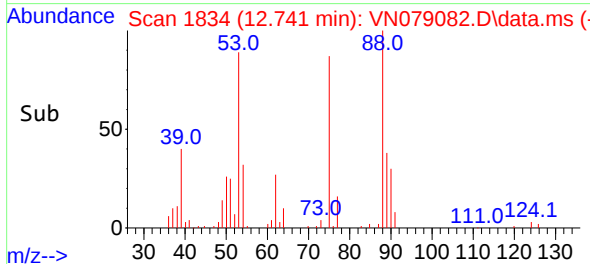
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



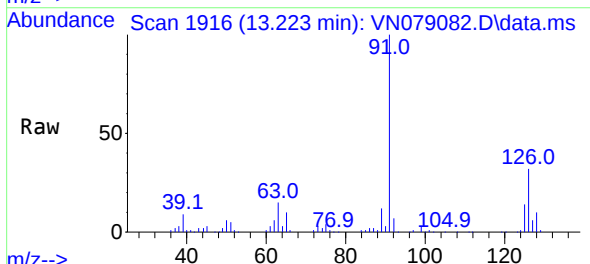
Tgt Ion: 75 Resp: 5672
Ion Ratio Lower Upper
75 100
53 117.9 67.4 101.2
89 45.8 38.8 58.2

Manual Integrations
APPROVED

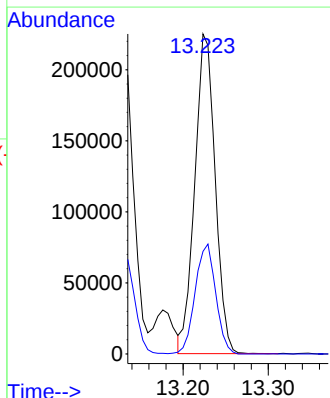
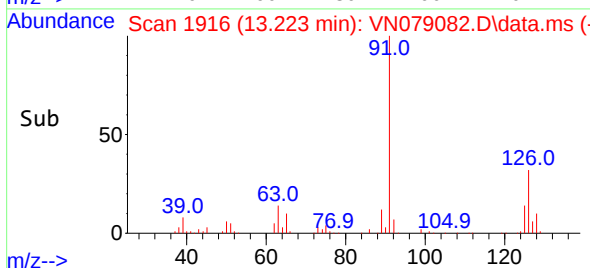
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

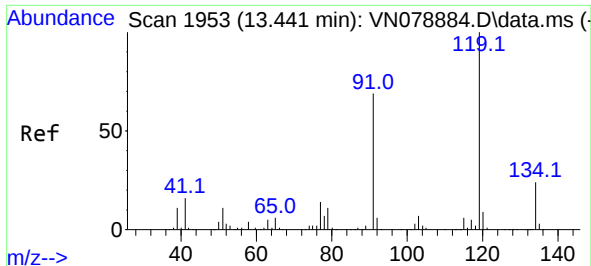


#82
4-Chlorotoluene
Concen: 47.655 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion: 91 Resp: 373299
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.465 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

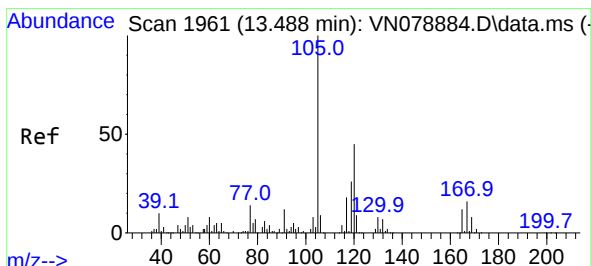
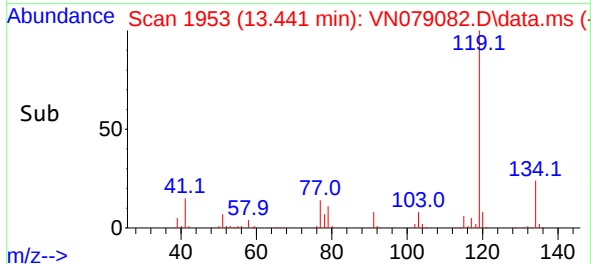
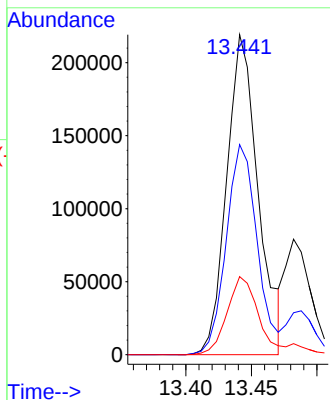
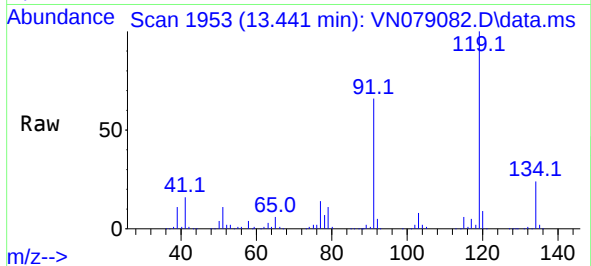
VSTDCCC050

Tgt Ion:119 Resp: 366550
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 24.2 13.2 39.6

Manual Integrations

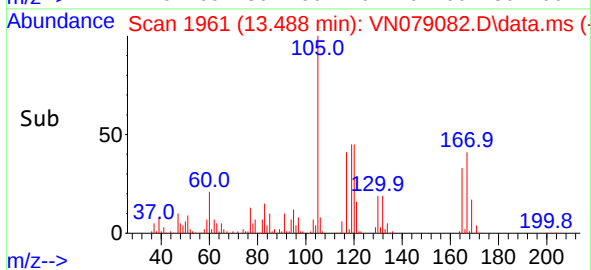
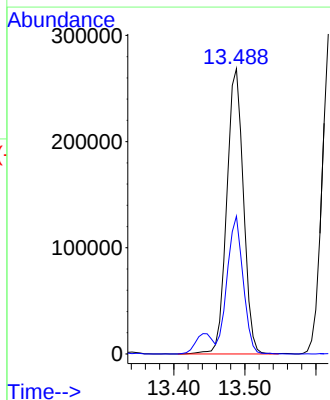
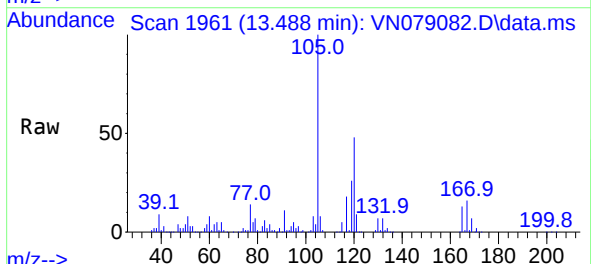
APPROVED

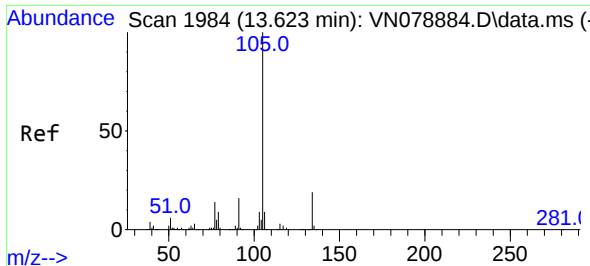
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.031 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

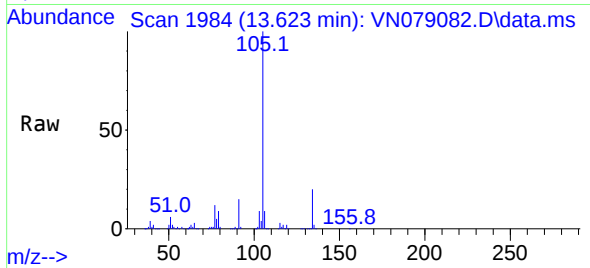
Tgt Ion:105 Resp: 436922
Ion Ratio Lower Upper
105 100
120 46.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.874 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079082.D
 Acq: 29 Aug 2023 09:57

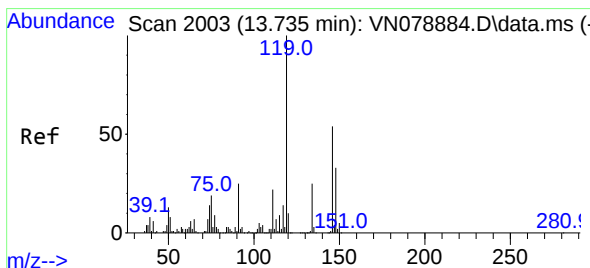
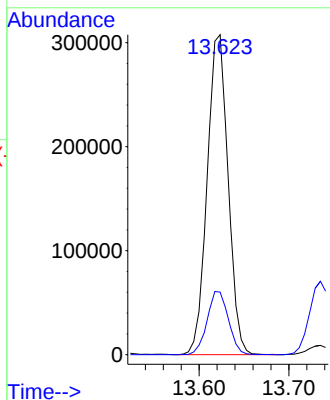
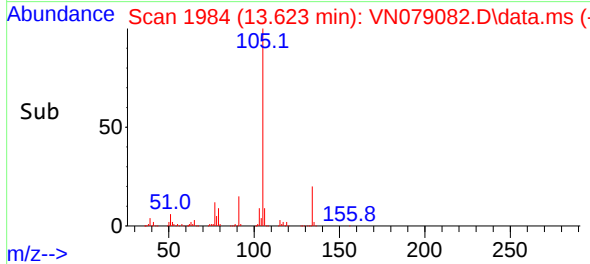
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



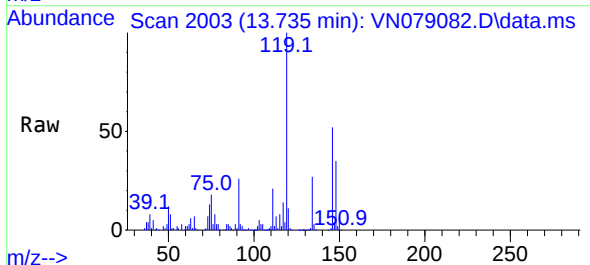
Tgt Ion:105 Resp: 498428
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

Manual Integrations
 APPROVED

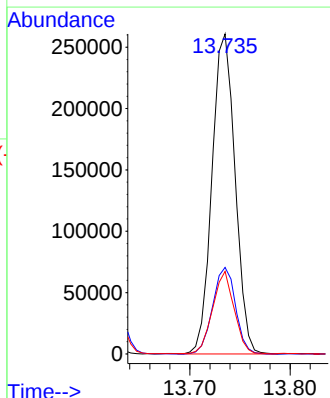
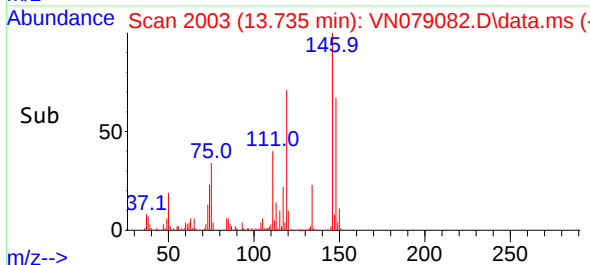
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023

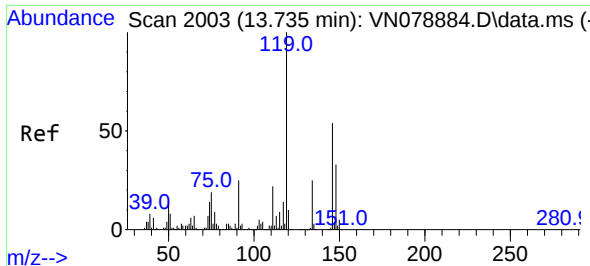


#86
 p-Isopropyltoluene
 Concen: 51.201 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079082.D
 Acq: 29 Aug 2023 09:57



Tgt Ion:119 Resp: 417180
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.528 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079082.D

Acq: 29 Aug 2023 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 232590

Ion Ratio Lower Upper

146 100

111 38.9 22.1 66.3

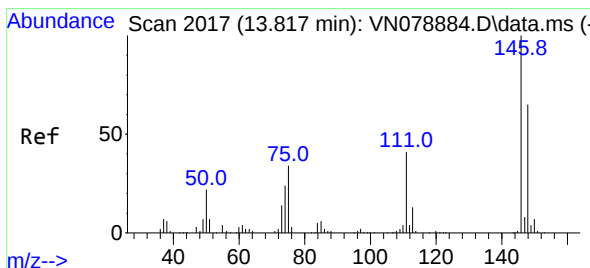
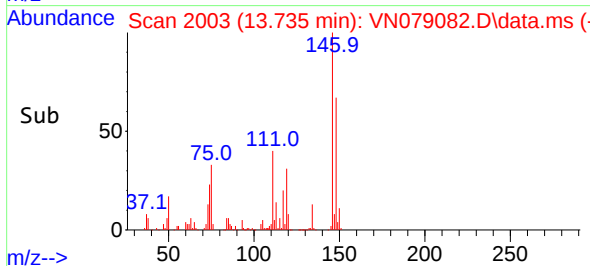
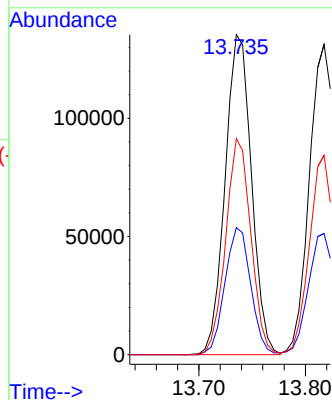
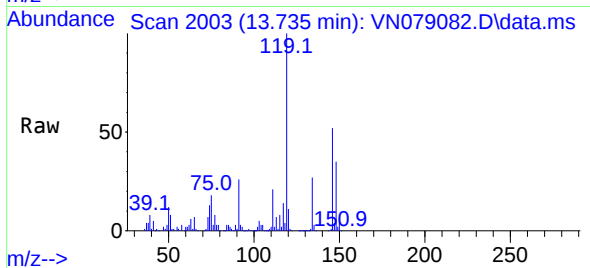
148 64.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#88

1,4-Dichlorobenzene

Concen: 48.803 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079082.D

Acq: 29 Aug 2023 09:57

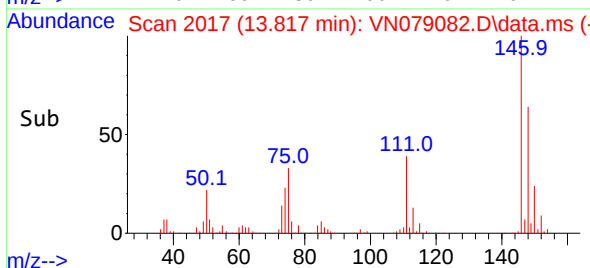
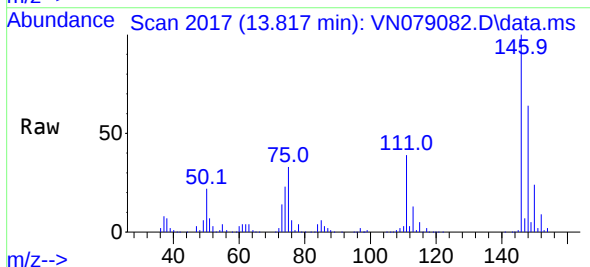
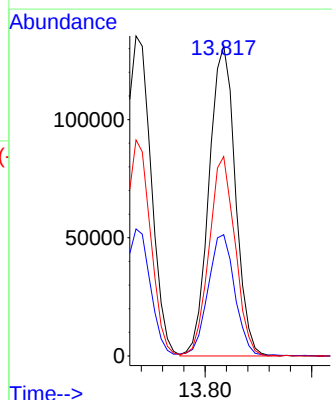
Tgt Ion:146 Resp: 224858

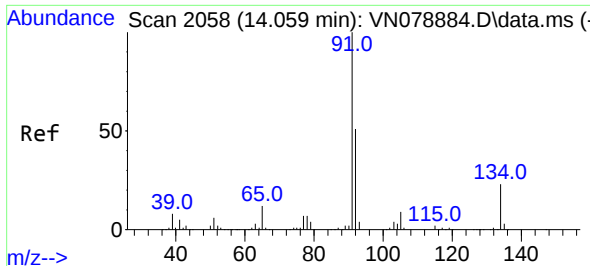
Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.8

148 63.5 31.6 94.8





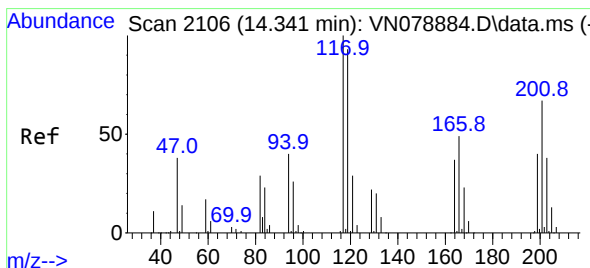
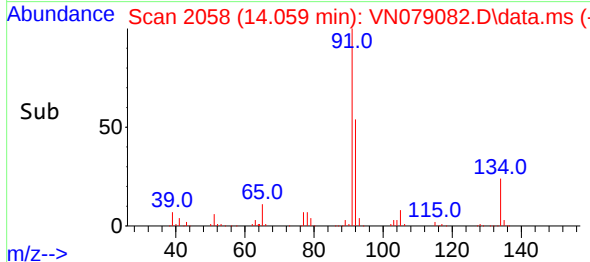
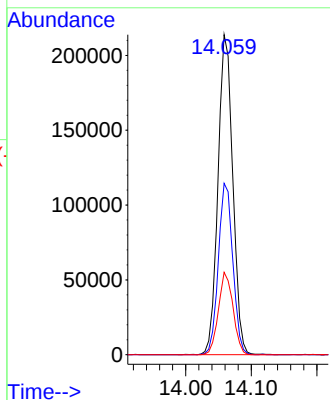
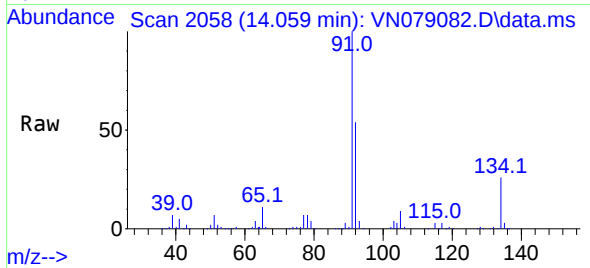
#89
n-Butylbenzene
Concen: 49.757 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 333638
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 25.4 12.6 37.6

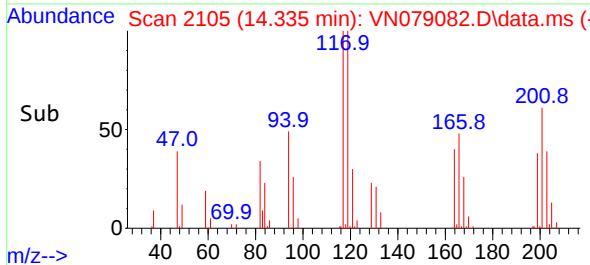
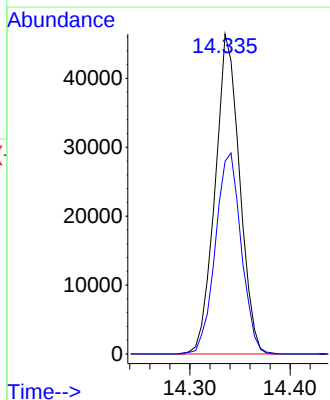
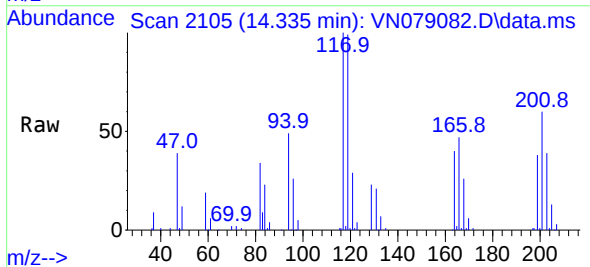
Manual Integrations
APPROVED

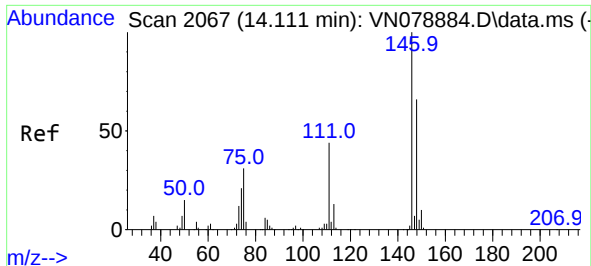
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#90
Hexachloroethane
Concen: 48.208 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Tgt Ion:117 Resp: 78737
Ion Ratio Lower Upper
117 100
201 66.3 29.3 88.0





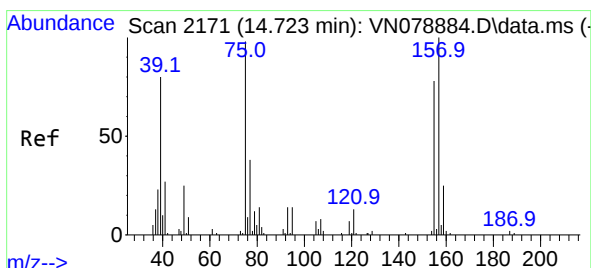
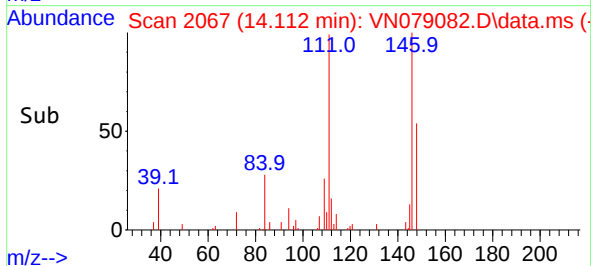
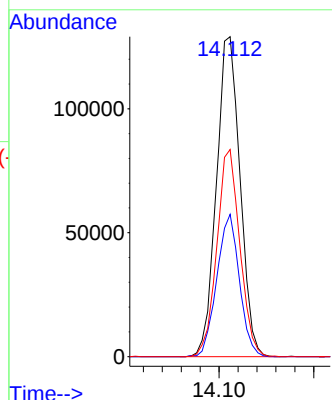
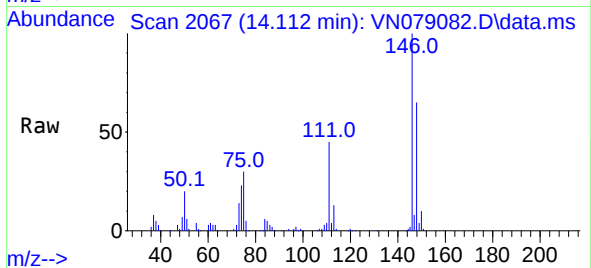
#91
1,2-Dichlorobenzene
Concen: 48.814 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 22346
Ion Ratio Lower Upper
146 100
111 42.5 22.0 66.0
148 63.2 31.8 95.3

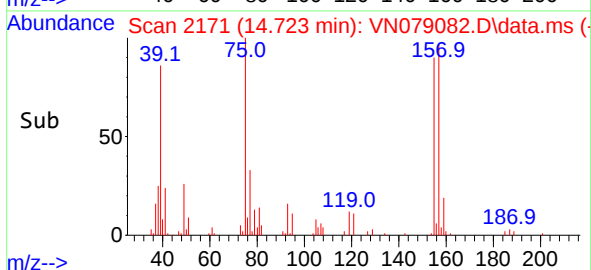
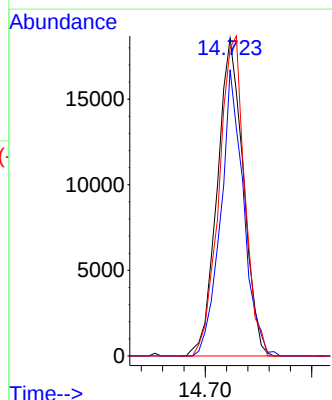
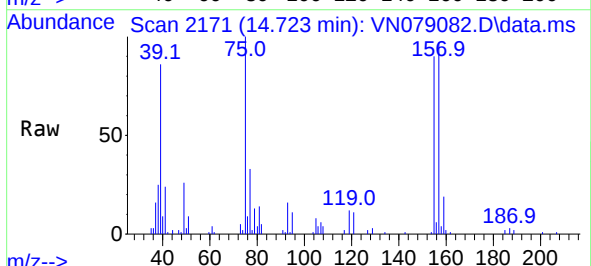
Manual Integrations
APPROVED

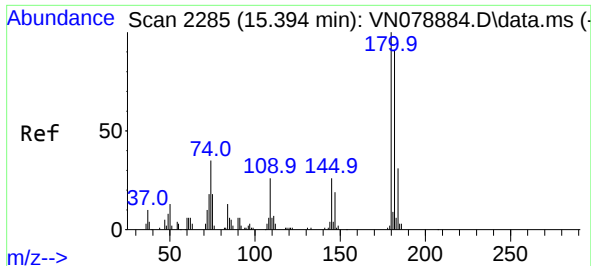
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.075 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

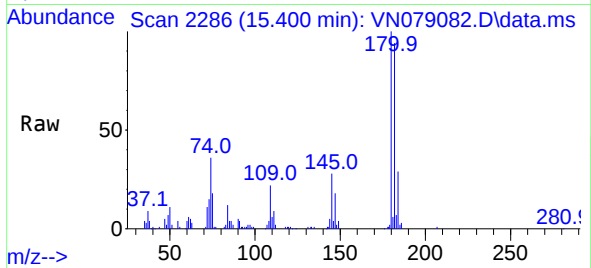
Tgt Ion: 75 Resp: 31452
Ion Ratio Lower Upper
75 100
155 79.0 39.1 117.2
157 98.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 51.582 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

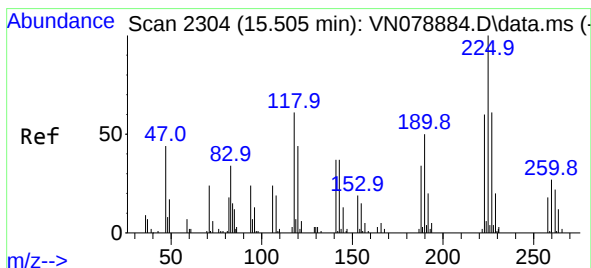
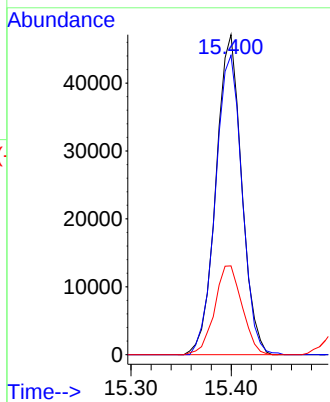
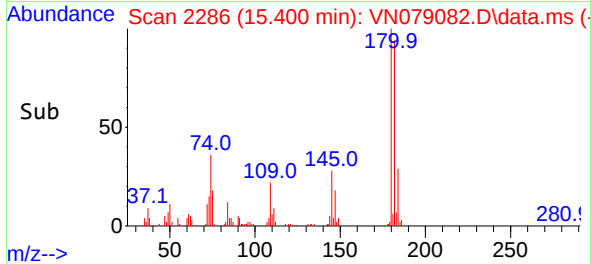
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



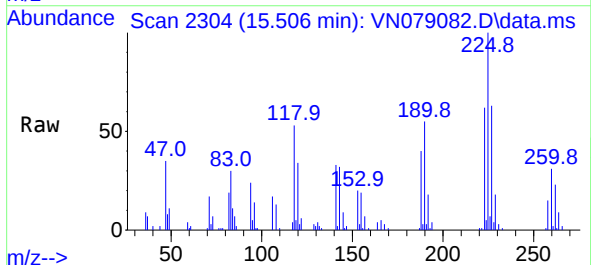
Tgt Ion:180 Resp: 8371
Ion Ratio Lower Upper
180 100
182 96.6 46.1 138.2
145 29.7 16.6 49.8

Manual Integrations
APPROVED

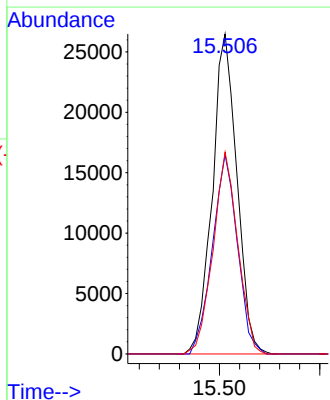
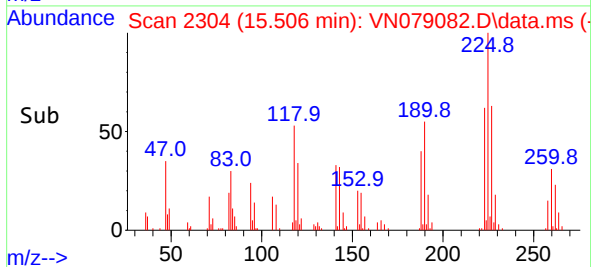
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

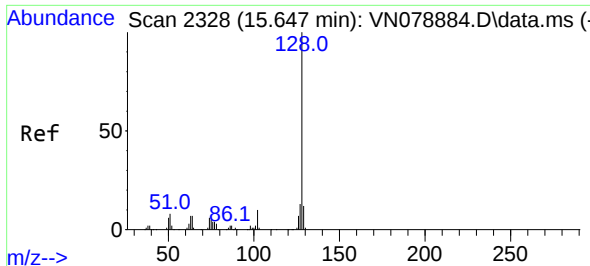


#94
Hexachlorobutadiene
Concen: 54.272 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



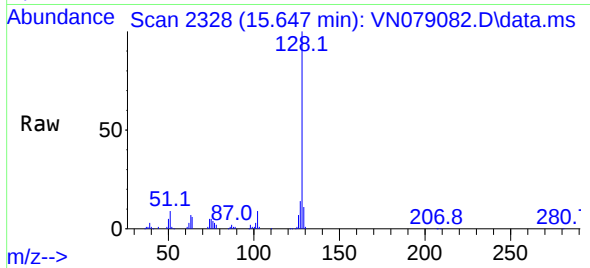
Tgt Ion:225 Resp: 45152
Ion Ratio Lower Upper
225 100
223 63.1 31.3 93.8
227 63.4 31.9 95.9





#95
Naphthalene
Concen: 39.334 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57

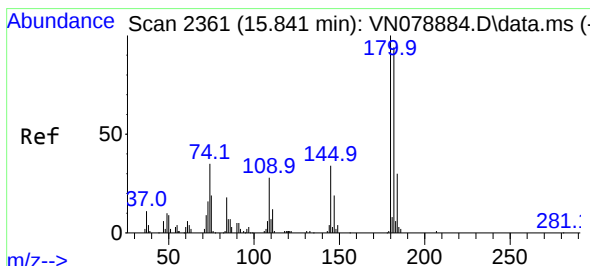
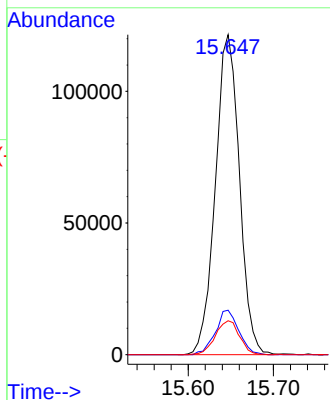
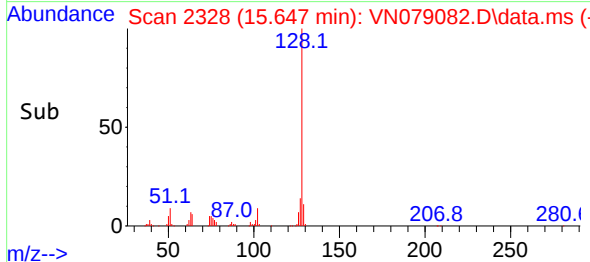
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



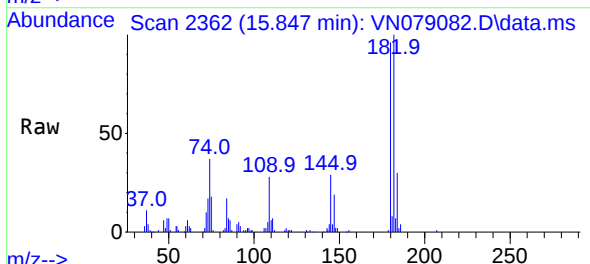
Tgt Ion:128 Resp: 238380
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.135 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079082.D
Acq: 29 Aug 2023 09:57



Tgt Ion:180 Resp: 85558
Ion Ratio Lower Upper
180 100
182 95.2 46.2 138.6
145 32.8 17.5 52.6

