

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111023\
 Data File : VN080044.D
 Acq On : 10 Nov 2023 10:58
 Operator : JC\MD
 Sample : VN1110WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 11 00:26:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	86439	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	456224	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	423951	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	216020	29.772	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.233%		
60) 4-Bromofluorobenzene	12.853	95	207378	30.588	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.967%		
63) Toluene-d8	10.570	98	615428	30.637	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.133%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	101869	18.075	ug/l	98
3) Chloromethane	2.359	50	97720	13.763	ug/l	99
4) Vinyl Chloride	2.512	62	100787	16.987	ug/l	96
5) Bromomethane	2.959	94	50819	15.644	ug/l	96
6) Chloroethane	3.124	64	62516	18.141	ug/l #	89
7) Trichlorofluoromethane	3.500	101	167225	18.780	ug/l	93
8) Diethyl Ether	3.959	74	54487	17.046	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	95727	19.029	ug/l	97
10) 1,1-Dichloroethene	4.347	96	87801	19.729	ug/l	85
11) Methyl Iodide	4.588	142	101526	17.247	ug/l	99
12) Methyl Acetate	5.024	43	200220	17.353	ug/l	98
13) Acrolein	4.177	56	81214	83.310	ug/l	100
14) Acrylonitrile	5.724	53	234366	85.519	ug/l	99
15) Acetone	4.424	58	71193	76.935	ug/l	83
16) Carbon Disulfide	4.712	76	260652	17.152	ug/l	98
17) Allyl chloride	5.030	41	134668	17.317	ug/l	94
18) Methylene Chloride	5.283	84	107922	18.083	ug/l	98
19) trans-1,2-Dichloroethene	5.794	96	97477	17.670	ug/l	96
20) Diisopropyl ether	6.677	45	320069	17.612	ug/l	97
21) 1,1-Dichloroethane	6.571	63	197631	18.219	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	111282	17.384	ug/l	99
23) tert-Butyl Alcohol	5.518	59	59126m	79.930	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	280968	17.146	ug/l	99
25) Chloroform	7.965	83	205051	18.312	ug/l	95
26) Cyclohexane	8.259	56	142843	16.739	ug/l #	96
29) 1,1-Dichloropropene	8.376	75	148650	18.985	ug/l	97
30) 2-Butanone	7.482	43	311322	83.254	ug/l	99
31) 2,2-Dichloropropane	7.488	77	162902	19.249	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	174954	19.573	ug/l	99
33) Carbon Tetrachloride	8.365	117	153259	19.507	ug/l	96
34) Benzene	8.612	78	440315	18.930	ug/l	96
35) Methacrylonitrile	7.782	41	67095	17.114	ug/l	95
36) 1,2-Dichloroethane	8.676	62	162241	19.273	ug/l	100
37) Trichloroethene	9.359	130	106795	19.092	ug/l	98
38) Methylcyclohexane	9.606	83	131583	17.897	ug/l	98
39) 1,2-Dichloropropane	9.623	63	116112	18.860	ug/l	97
40) Dibromomethane	9.712	93	75934	19.081	ug/l	97
41) Bromodichloromethane	9.888	83	159436	19.344	ug/l	99
42) Vinyl Acetate	6.606	43	817984	88.066	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	132870	18.915	ug/l	98
44) Isopropyl Acetate	8.694	43	206149	18.010	ug/l	96
45) 1,4-Dioxane	9.700	88	31397	355.939	ug/l	99
46) Methyl methacrylate	9.682	41	96919	17.615	ug/l	97
47) n-amyl Acetate	12.494	43	164654	17.909	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	155241	18.443	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	174242	18.725	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	105484	19.432	ug/l	97
51) Ethyl methacrylate	10.876	69	134127	17.190	ug/l	96
52) 1,3-Dichloropropane	11.165	76	185612	19.125	ug/l	99
53) Dibromochloromethane	11.359	129	109550	18.864	ug/l	100
54) 1,2-Dibromoethane	11.470	107	101479	18.617	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	354673	98.833	ug/l	99
56) Bromoform	12.582	173	70217	18.452	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	636534	89.871	ug/l	98
59) 2-Hexanone	11.200	43	469380	86.995	ug/l	99
61) Tetrachloroethene	11.106	164	93034	18.718	ug/l	95
62) Toluene	10.635	91	470510	19.189	ug/l	100
64) Chlorobenzene	11.894	112	273740	18.707	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.964	131	101805	18.966	ug/l	99
66) Ethyl Benzene	11.964	91	477862	18.546	ug/l	100
67) m/p-Xylenes	12.076	106	377301	39.332	ug/l	97
68) o-Xylene	12.400	106	170562	18.550	ug/l	98
69) Styrene	12.417	104	289735	19.035	ug/l	98
70) Isopropylbenzene	12.700	105	431977	18.835	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	143734	18.400	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	136878m	18.858	ug/l	
73) Bromobenzene	12.982	156	107926	19.141	ug/l	99
74) n-propylbenzene	13.041	91	520516	18.971	ug/l	99
75) 2-Chlorotoluene	13.129	91	330365	18.943	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	367071	19.350	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	43286	18.213	ug/l	97
78) 4-Chlorotoluene	13.223	91	331593	19.144	ug/l	99
79) tert-butylbenzene	13.441	119	274865	18.502	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	364041	19.571	ug/l	100
81) sec-Butylbenzene	13.617	105	401081	19.126	ug/l	100
82) p-Isopropyltoluene	13.735	119	324404	19.048	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	196957	19.170	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	192097	19.049	ug/l	97
85) n-Butylbenzene	14.058	91	259224	18.198	ug/l	97
86) Hexachloroethane	14.335	117	62337	18.823	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	186207	18.970	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	24152	16.907	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	97883	21.525	ug/l	98
90) Hexachlorobutadiene	15.505	225	45436	20.274	ug/l	98
91) Naphthalene	15.647	128	269951	18.498	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	97883	21.525	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

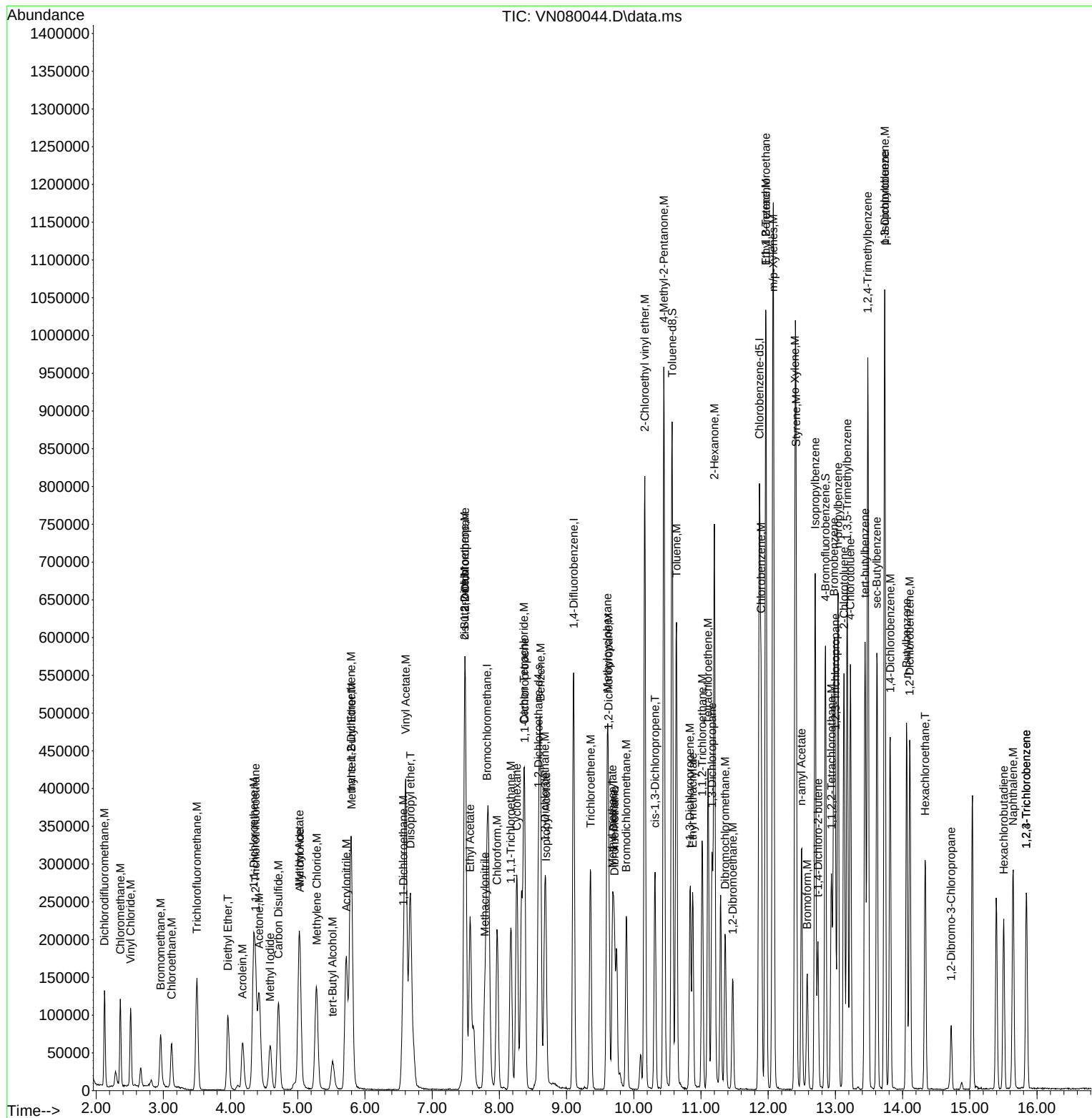
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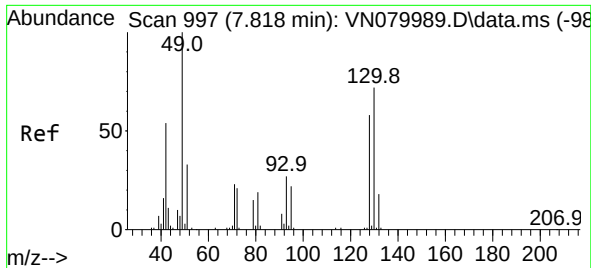
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ClientSampleId :
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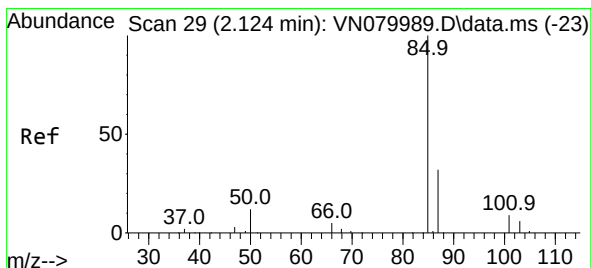
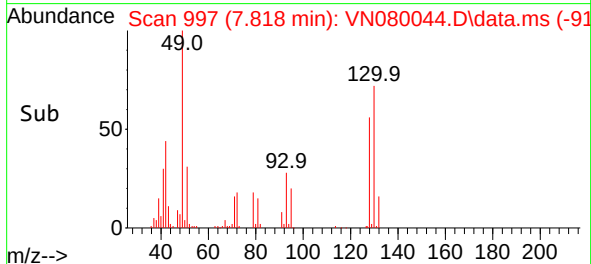
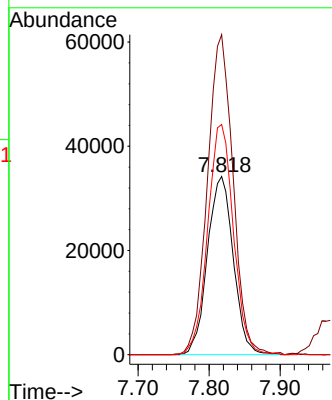
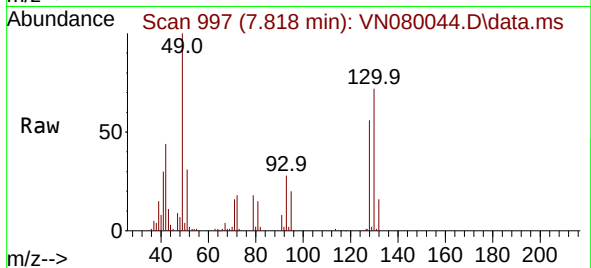
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

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MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 86439
Ion Ratio Lower Upper
128 100
49 177.6 0.0 468.5
130 128.7 0.0 320.7

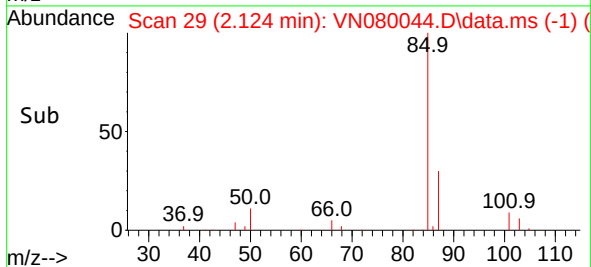
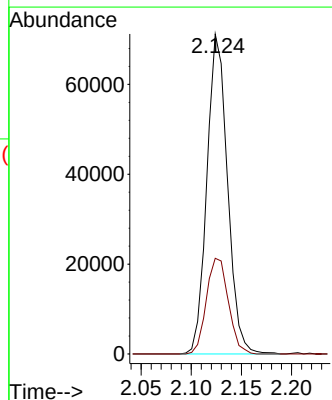
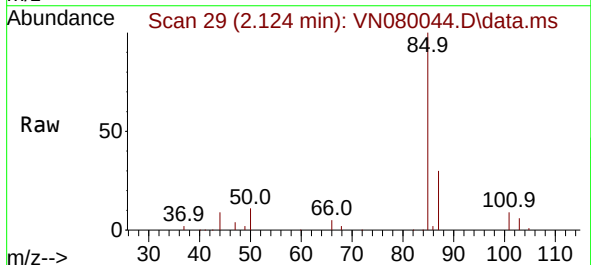
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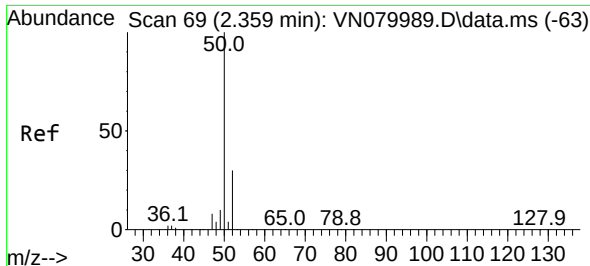
Reviewed By :John Carlone 11/13/2023
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#2
Dichlorodifluoromethane
Concen: 18.075 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 85 Resp: 101869
Ion Ratio Lower Upper
85 100
87 29.9 15.6 46.7





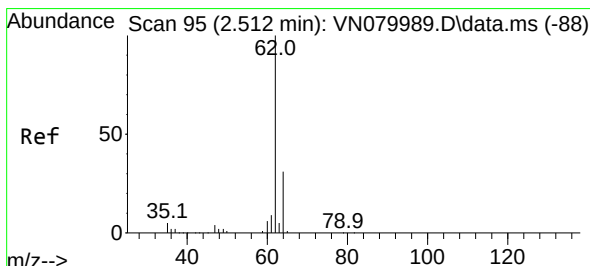
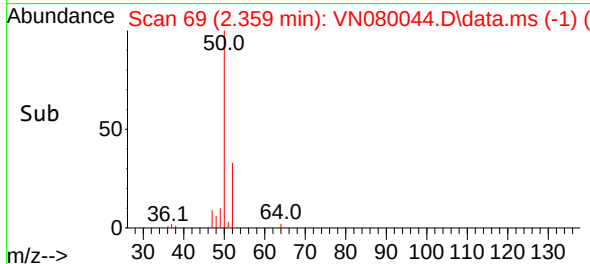
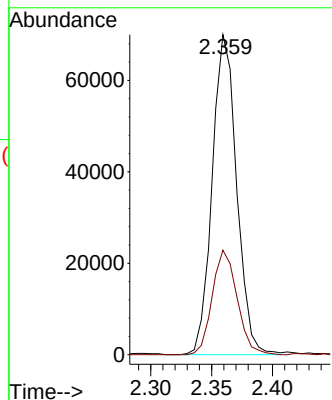
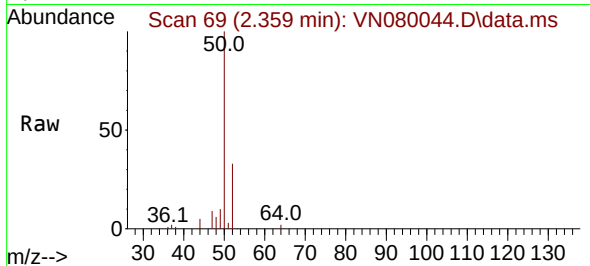
#3
Chloromethane
Concen: 13.763 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
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Tgt Ion: 50 Resp: 97720
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4

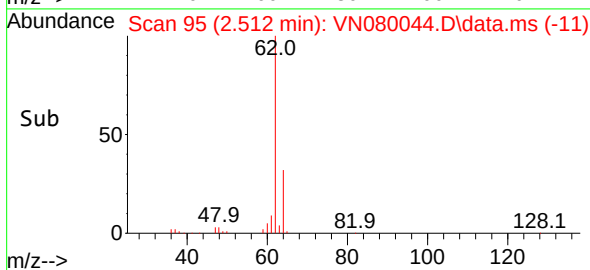
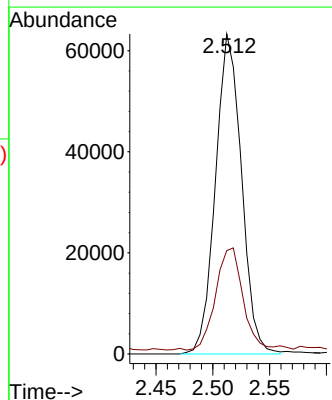
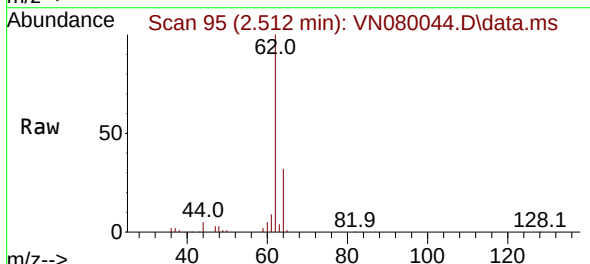
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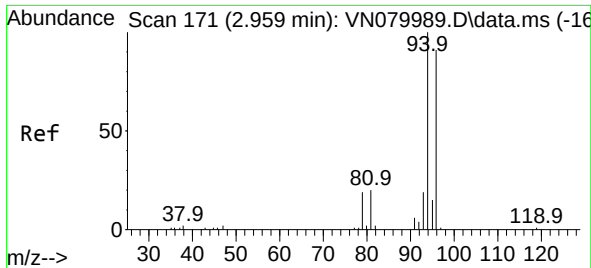
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#4
Vinyl Chloride
Concen: 16.987 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 62 Resp: 100787
Ion Ratio Lower Upper
62 100
64 30.5 26.4 39.6





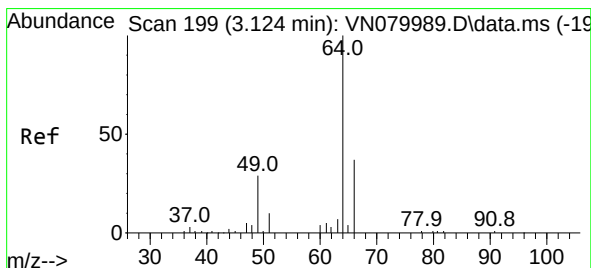
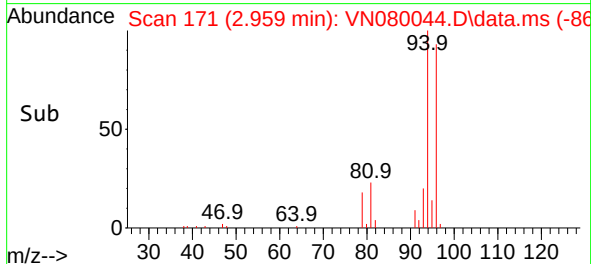
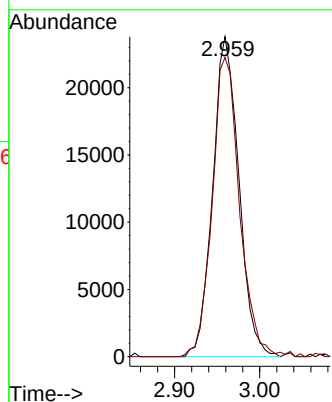
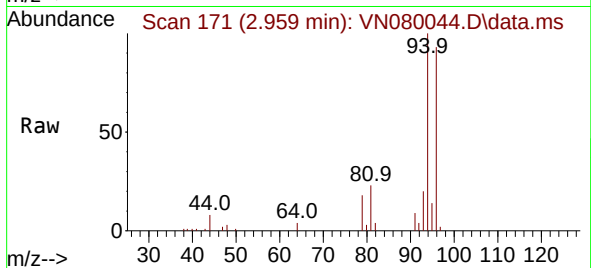
#5
Bromomethane
Concen: 15.644 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 50819
Ion Ratio Lower Upper
94 100
96 93.5 77.8 116.6

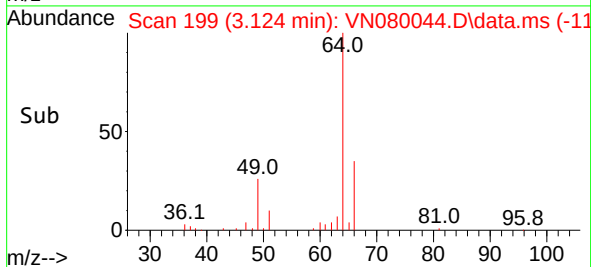
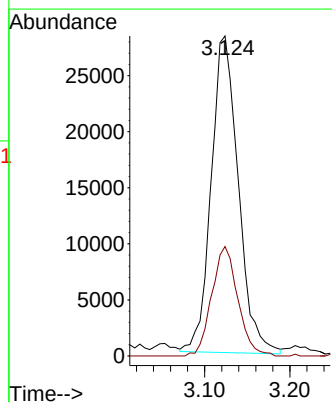
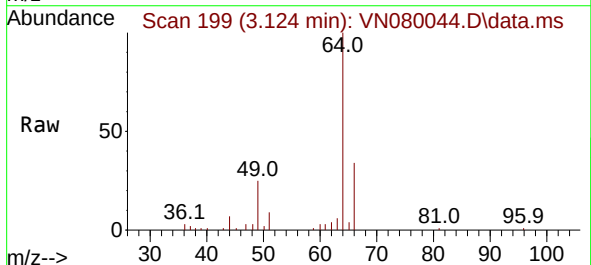
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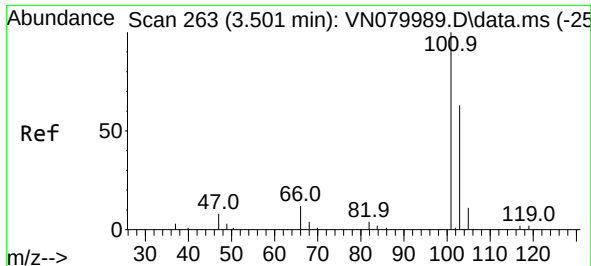
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#6
Chloroethane
Concen: 18.141 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

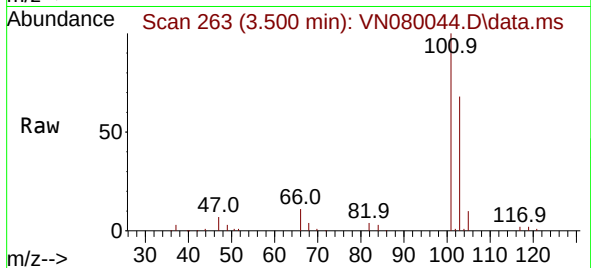
Tgt Ion: 64 Resp: 62516
Ion Ratio Lower Upper
64 100
66 34.9 23.3 34.9#





#7
 Trichlorofluoromethane
 Concen: 18.780 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
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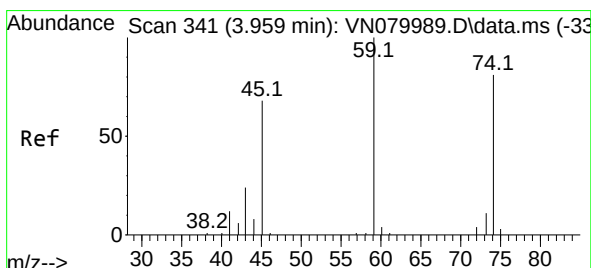
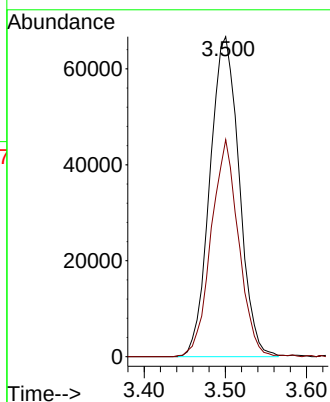
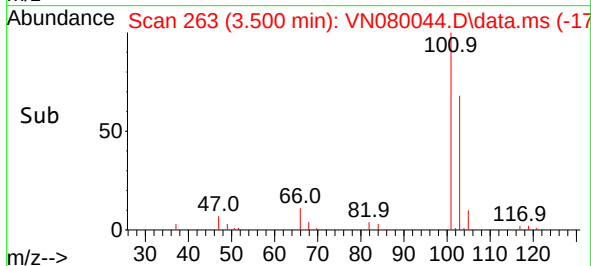
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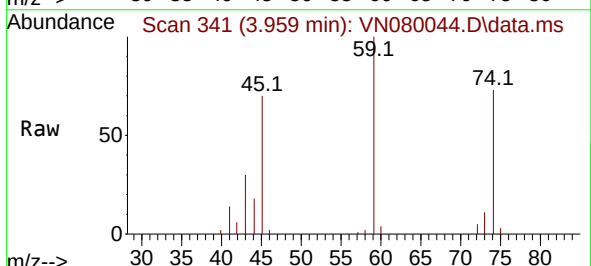
Tgt Ion:101 Resp: 167225
 Ion Ratio Lower Upper
 101 100
 103 67.4 49.9 74.9

Manual Integrations
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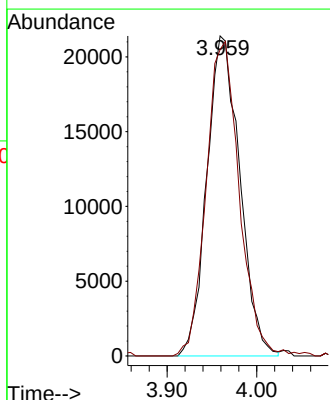
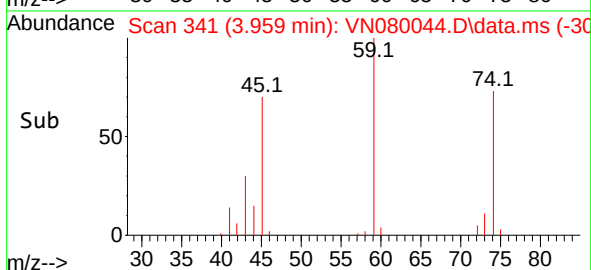
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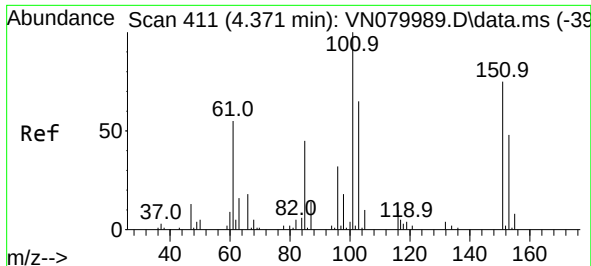


#8
 Diethyl Ether
 Concen: 17.046 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 54487
 Ion Ratio Lower Upper
 74 100
 45 98.3 19.0 171.0





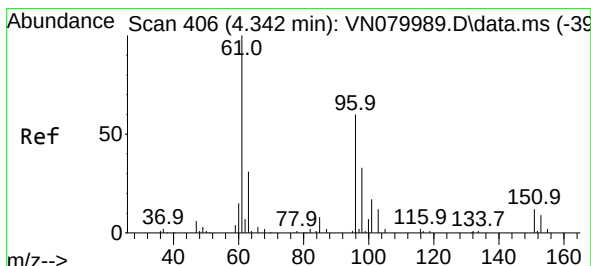
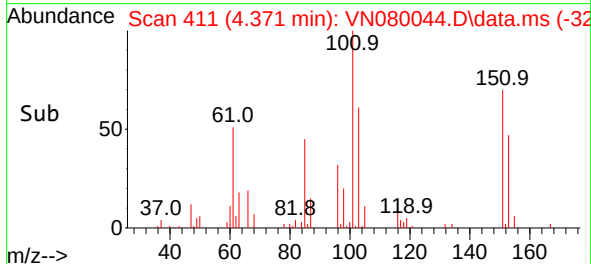
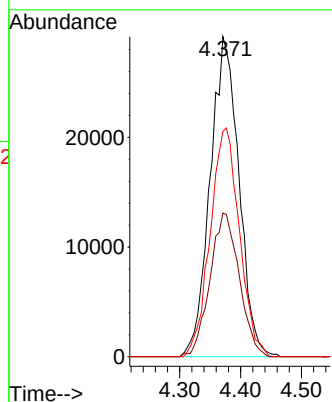
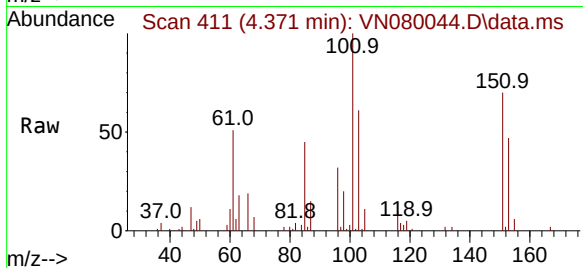
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.029 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN080044.D
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Tgt Ion:101 Resp: 9572
Ion Ratio Lower Upper
101 100
85 45.4 0.0 92.0
151 72.5 0.0 138.4

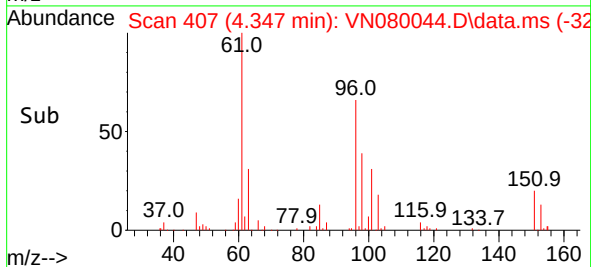
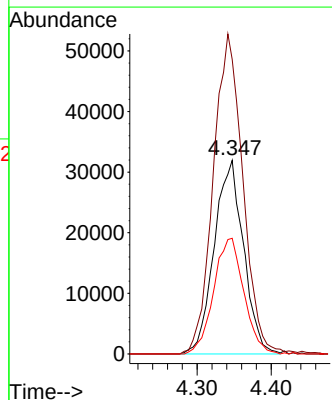
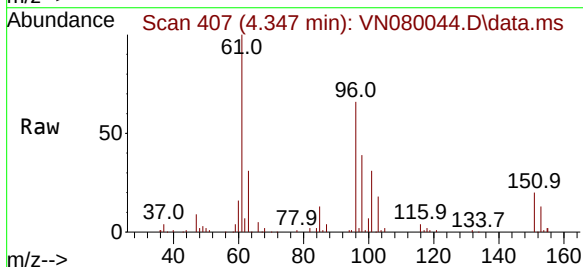
Manual Integrations
APPROVED

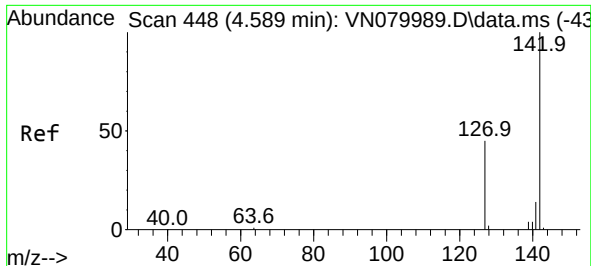
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#10
1,1-Dichloroethene
Concen: 19.729 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

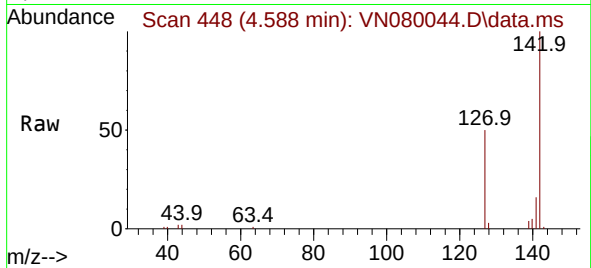
Tgt Ion: 96 Resp: 87801
Ion Ratio Lower Upper
96 100
61 152.2 141.3 211.9
98 59.7 53.2 79.8





#11
Methyl Iodide
Concen: 17.247 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

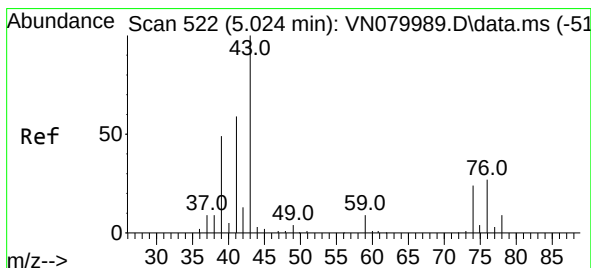
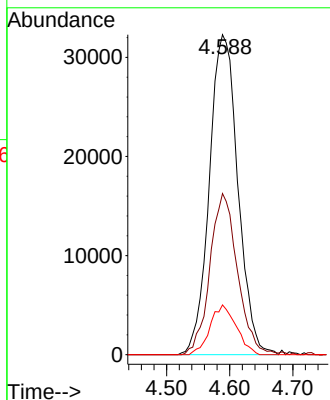
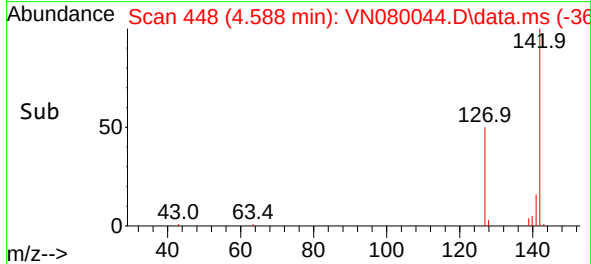
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion:142 Resp: 101520
Ion Ratio Lower Upper
142 100
127 50.1 24.6 73.8
141 15.5 7.7 23.1

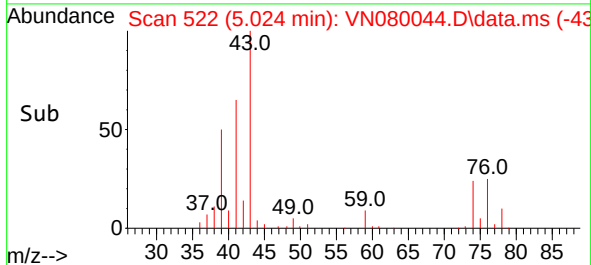
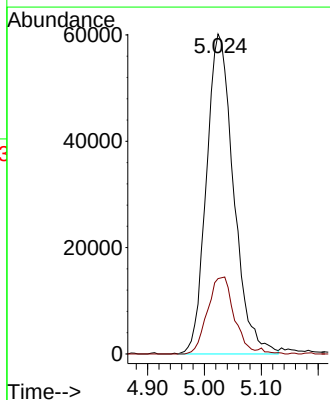
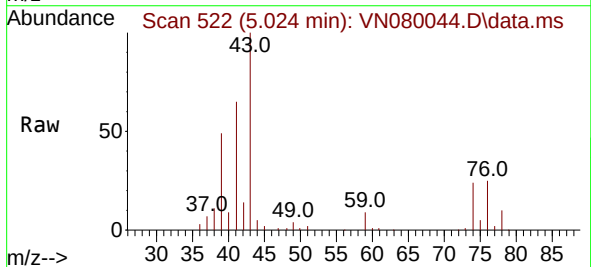
Manual Integrations
APPROVED

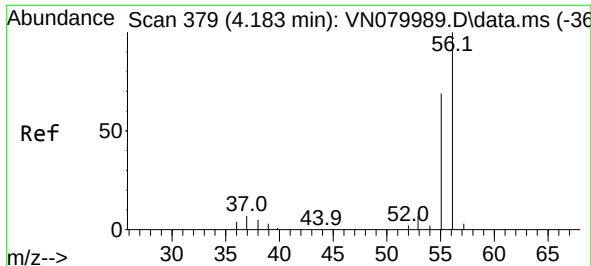
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#12
Methyl Acetate
Concen: 17.353 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 43 Resp: 200220
Ion Ratio Lower Upper
43 100
74 23.5 18.1 27.1





#13

Acrolein

Concen: 83.310 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 56 Resp: 81214

Ion Ratio Lower Upper

56 100

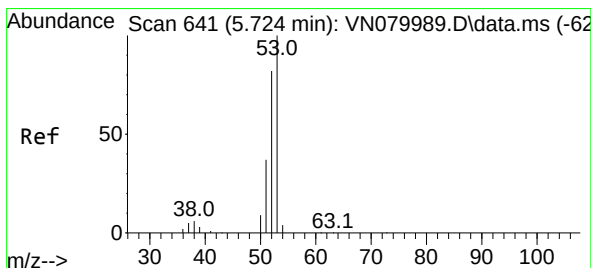
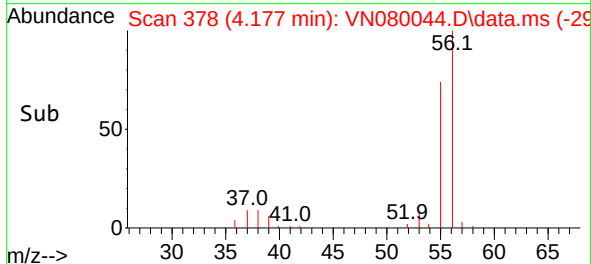
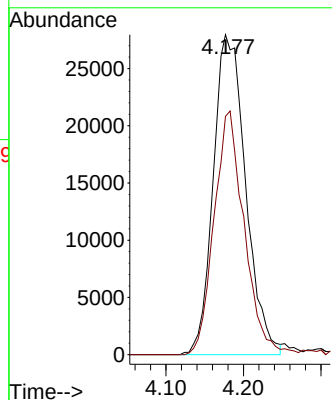
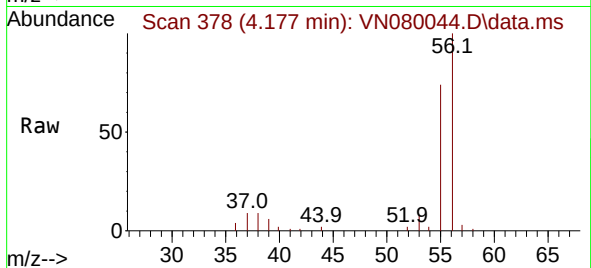
55 71.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#14

Acrylonitrile

Concen: 85.519 ug/l

RT: 5.724 min Scan# 641

Delta R.T. -0.000 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

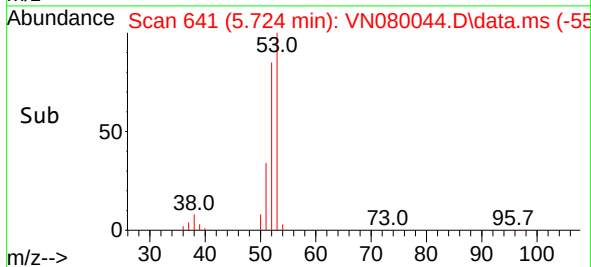
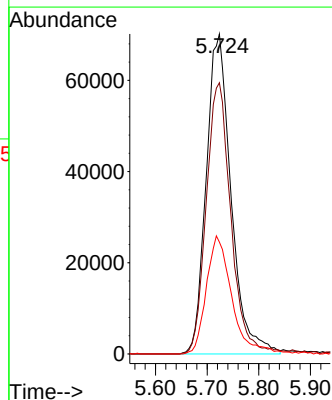
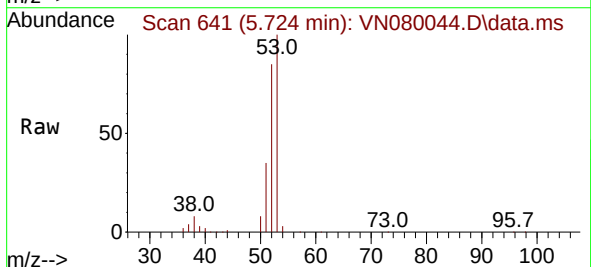
Tgt Ion: 53 Resp: 234366

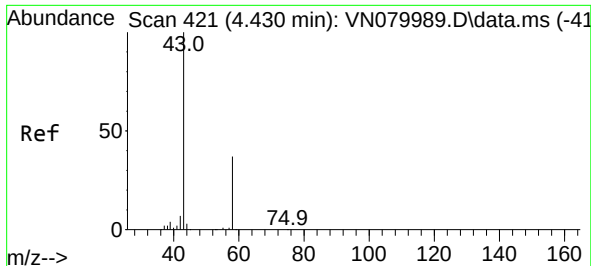
Ion Ratio Lower Upper

53 100

52 83.3 41.6 124.9

51 37.4 17.8 53.3





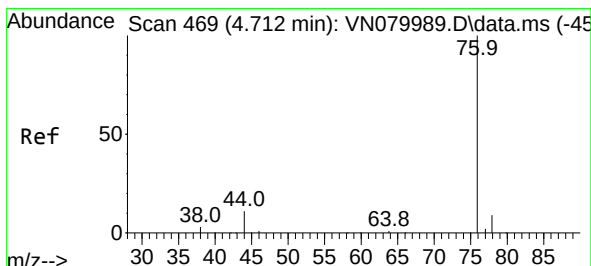
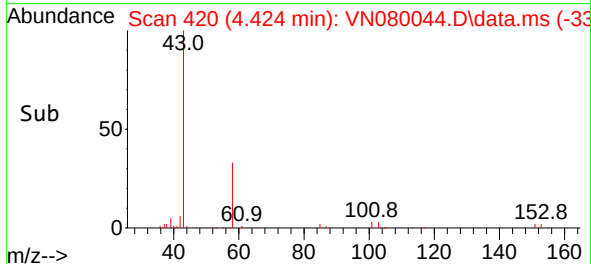
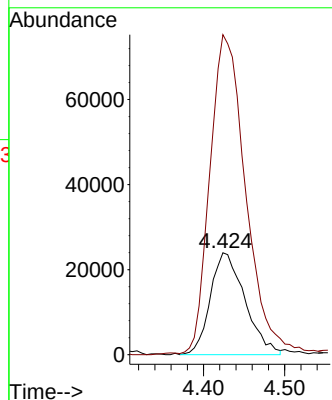
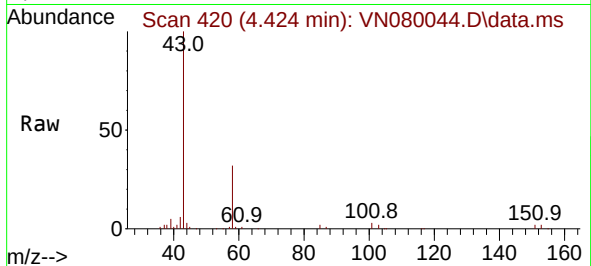
#15
Acetone
Concen: 76.935 ug/l
RT: 4.424 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 58 Resp: 7119
Ion Ratio Lower Upper
58 100
43 312.9 225.2 337.8

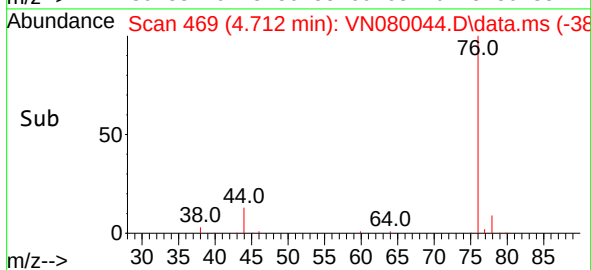
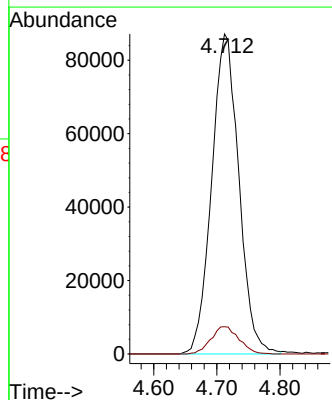
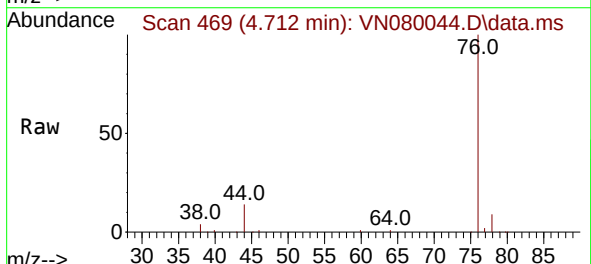
Manual Integrations
APPROVED

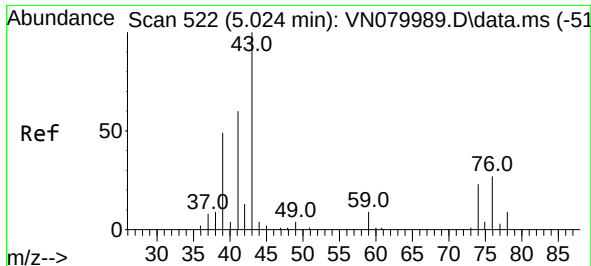
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
Carbon Disulfide
Concen: 17.152 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

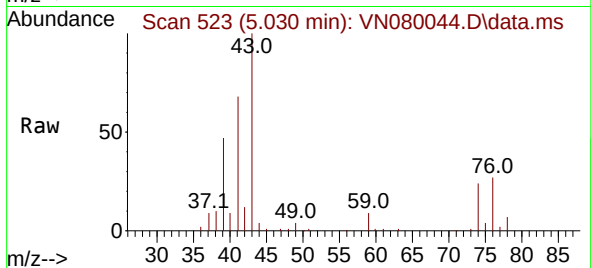
Tgt Ion: 76 Resp: 260652
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3





#17
 Allyl chloride
 Concen: 17.317 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN080044.D
 Acq: 10 Nov 2023 10:58

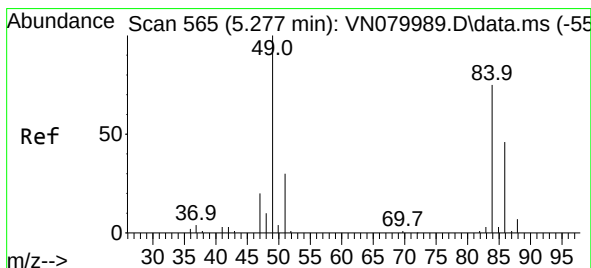
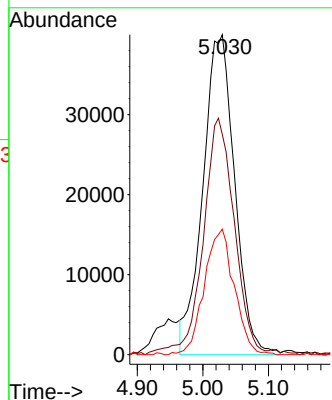
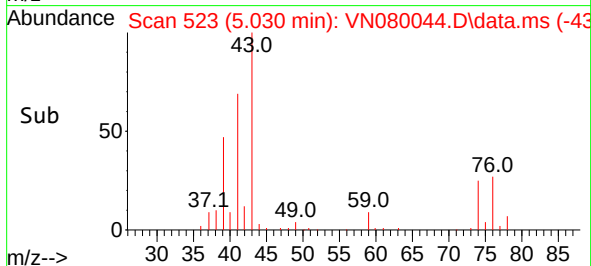
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01



Tgt Ion: 41 Resp: 13466
 Ion Ratio Lower Upper
 41 100
 39 68.7 38.4 115.2
 76 39.5 19.5 58.5

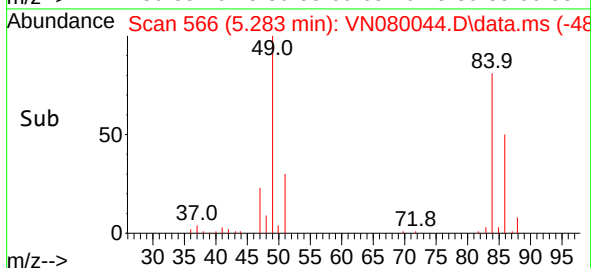
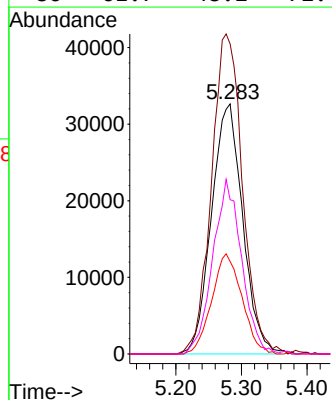
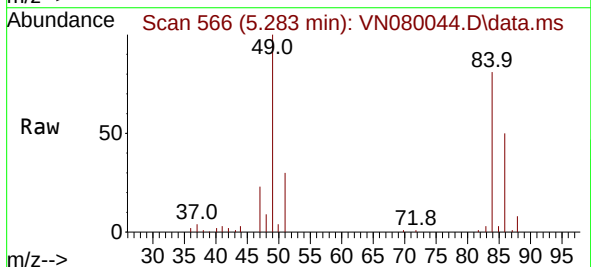
Manual Integrations
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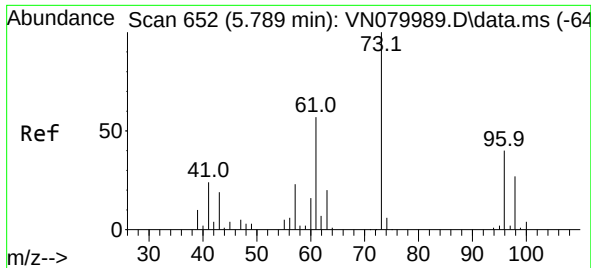
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#18
 Methylene Chloride
 Concen: 18.083 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN080044.D
 Acq: 10 Nov 2023 10:58

Tgt Ion: 84 Resp: 107922
 Ion Ratio Lower Upper
 84 100
 49 123.5 100.9 151.3
 51 37.0 29.4 44.2
 86 61.7 48.2 72.4





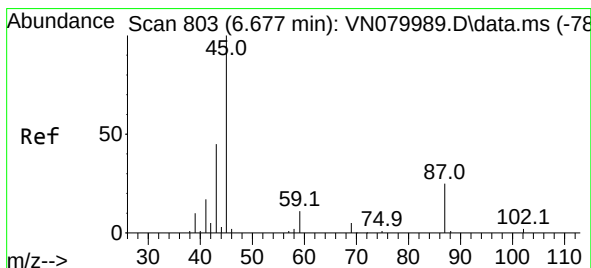
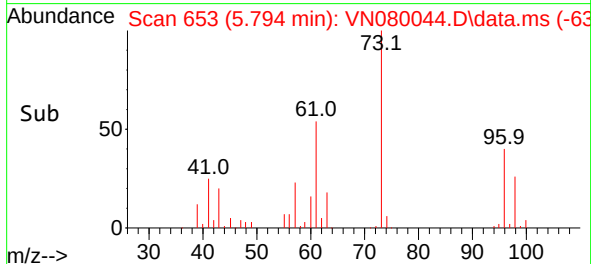
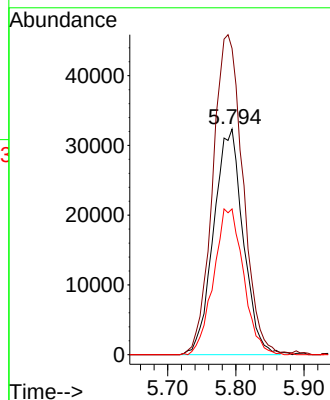
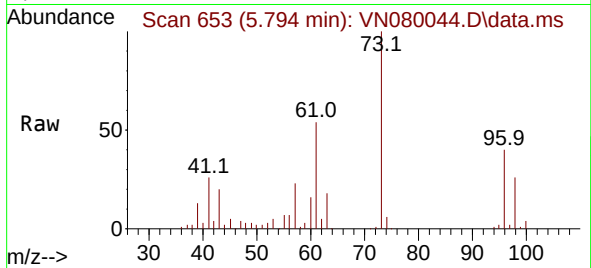
#19
trans-1,2-Dichloroethene
Concen: 17.670 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 96 Resp: 9747
Ion Ratio Lower Upper
96 100
61 135.7 113.4 170.0
98 64.6 50.4 75.6

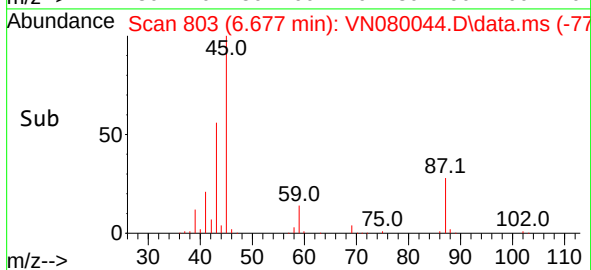
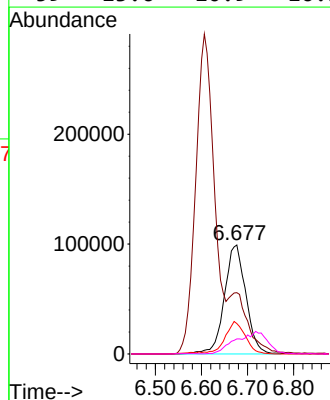
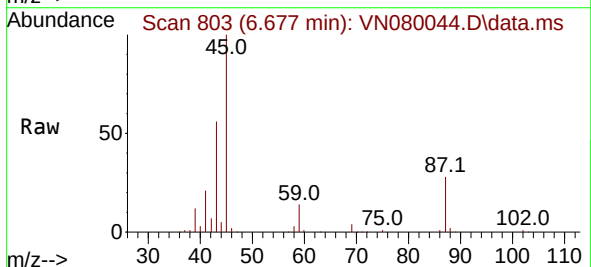
Manual Integrations
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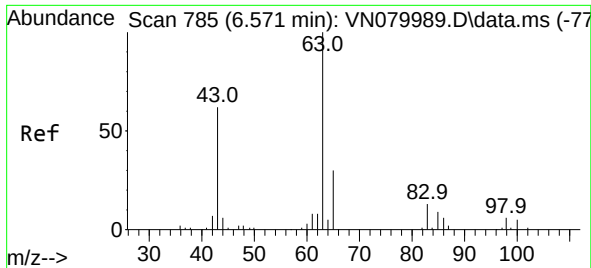
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Diisopropyl ether
Concen: 17.612 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 45 Resp: 320069
Ion Ratio Lower Upper
45 100
43 54.5 42.1 63.1
87 27.9 20.5 30.7
59 13.6 10.9 16.3





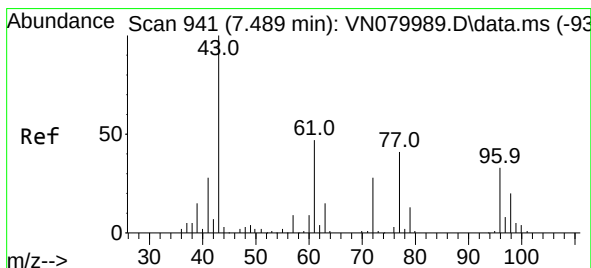
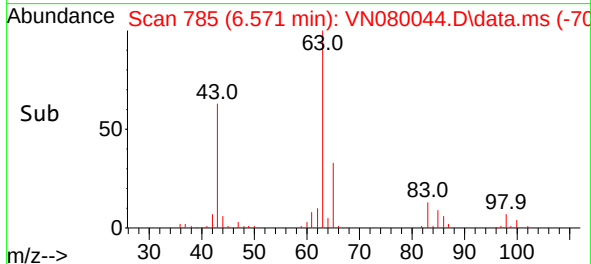
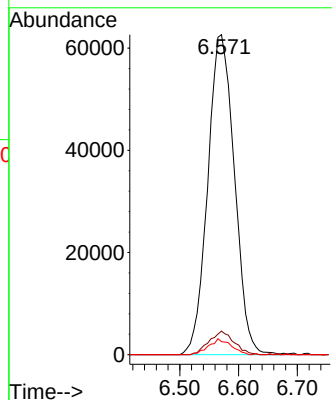
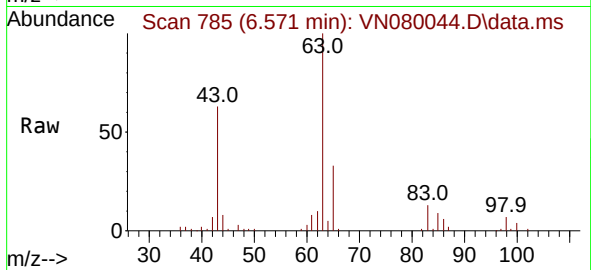
#21
1,1-Dichloroethane
Concen: 18.219 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 63 Resp: 19763
Ion Ratio Lower Upper
63 100
98 7.4 2.8 8.4
100 4.0 1.9 5.7

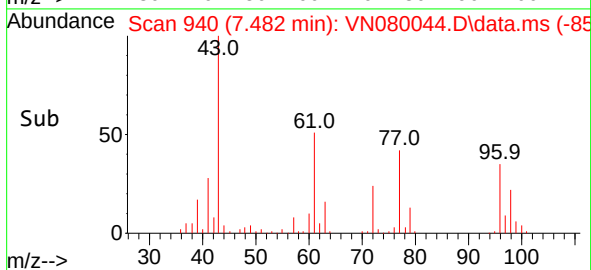
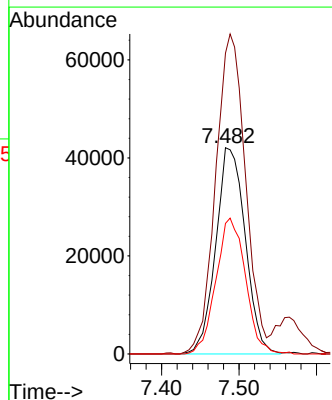
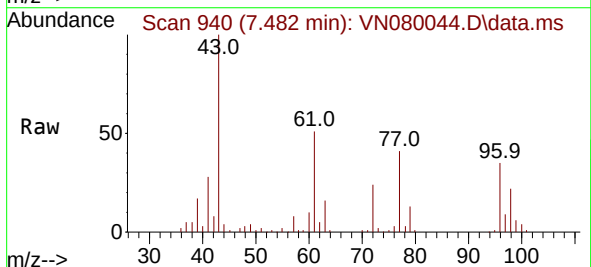
Manual Integrations
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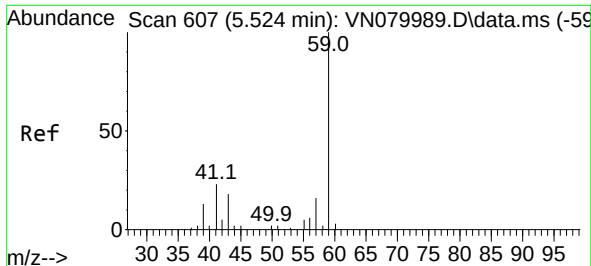
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#22
cis-1,2-Dichloroethene
Concen: 17.384 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 96 Resp: 111282
Ion Ratio Lower Upper
96 100
61 157.0 124.6 186.8
98 66.1 54.2 81.4





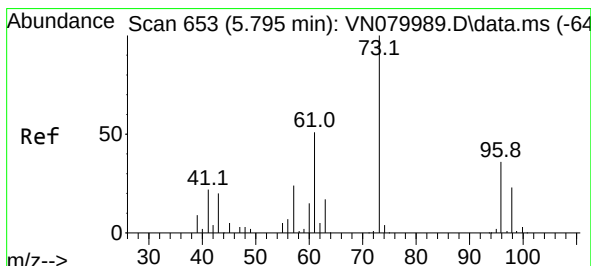
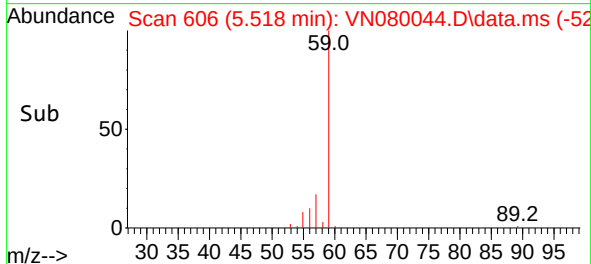
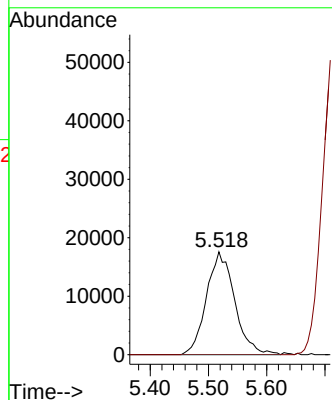
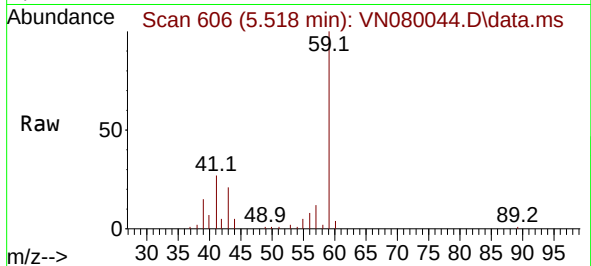
#23
tert-Butyl Alcohol
Concen: 79.930 ug/l m
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 59 Resp: 59120
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

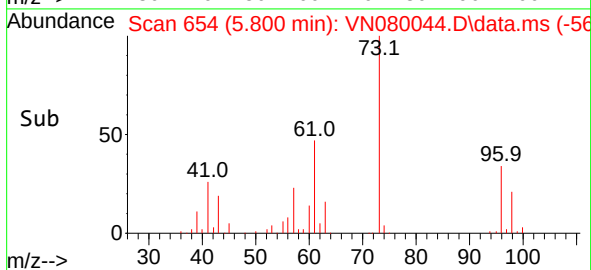
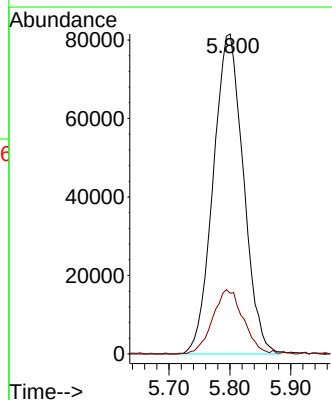
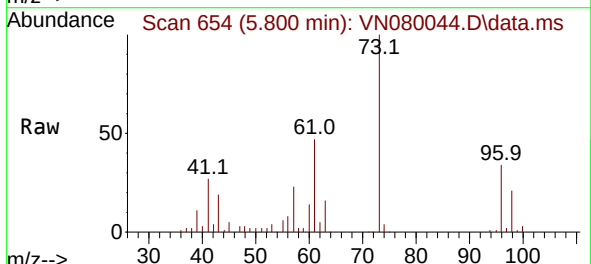
Manual Integrations
APPROVED

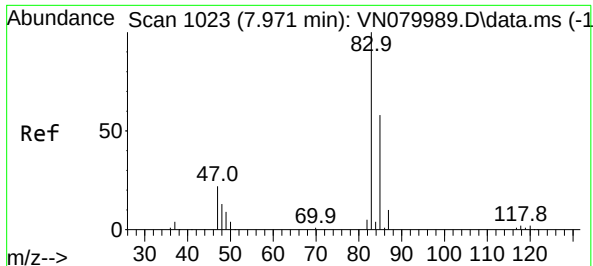
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#24
Methyl tert-Butyl Ether
Concen: 17.146 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 73 Resp: 280968
Ion Ratio Lower Upper
73 100
43 20.3 16.6 24.8





#25

Chloroform

Concen: 18.312 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 83 Resp: 20505

Ion Ratio Lower Upper

83 100

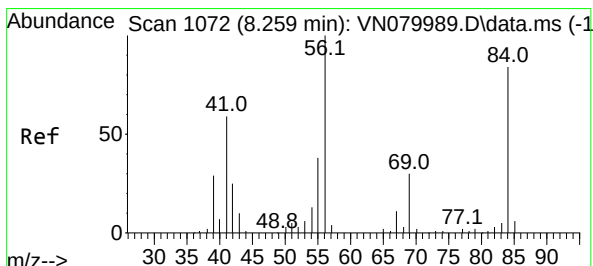
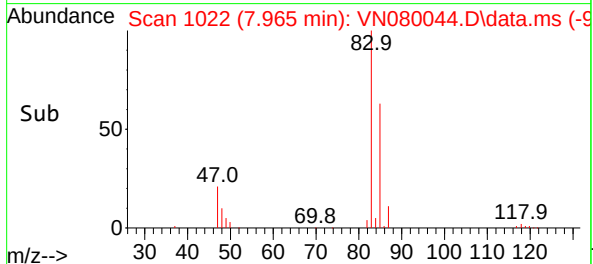
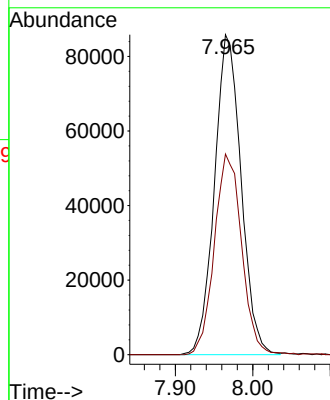
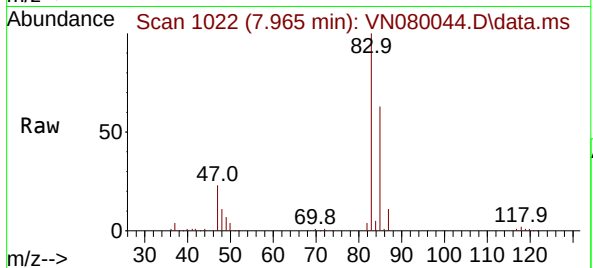
85 62.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#26

Cyclohexane

Concen: 16.739 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

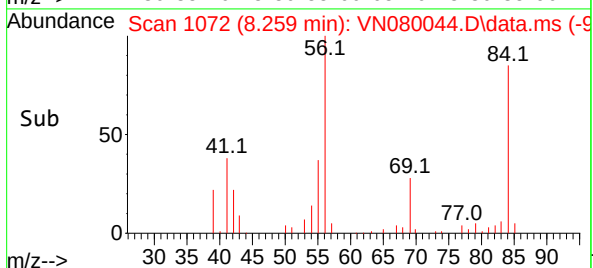
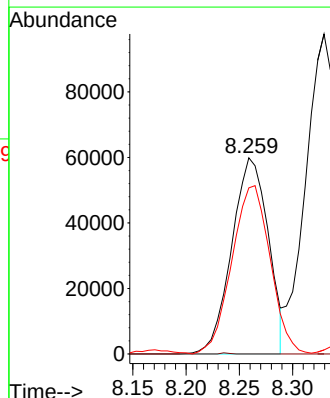
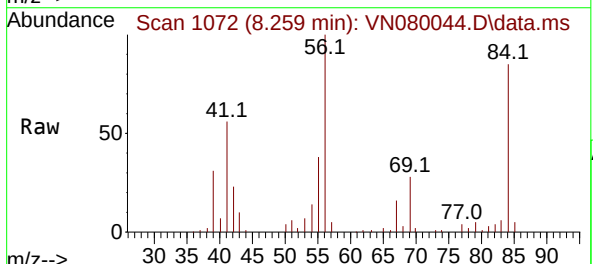
Tgt Ion: 56 Resp: 142843

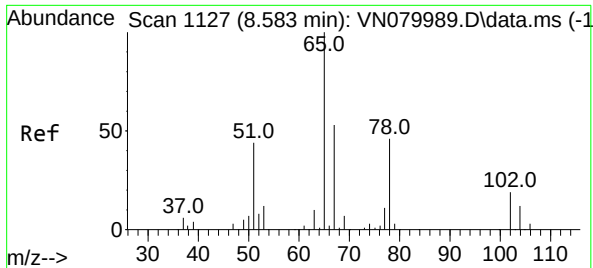
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

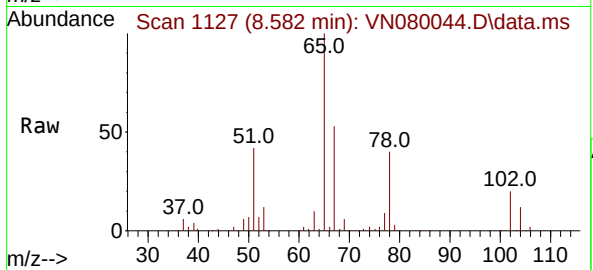
84 90.1 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.772 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

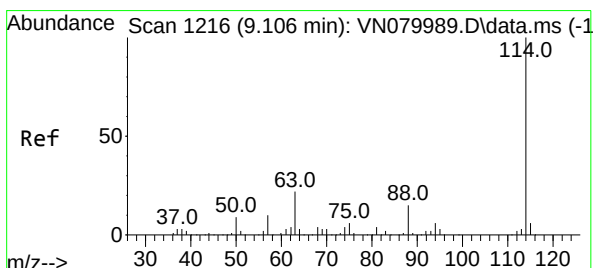
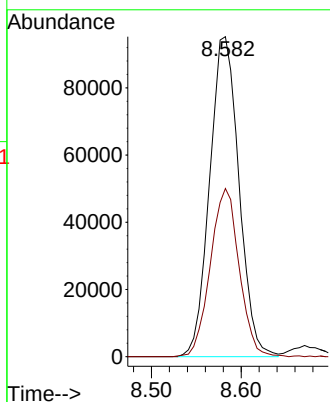
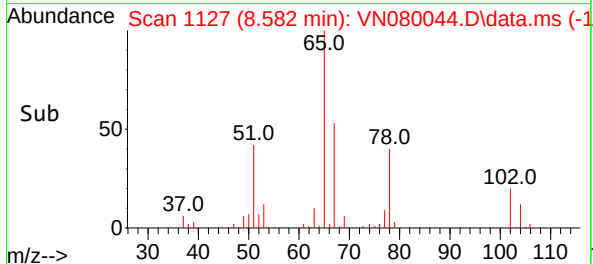
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



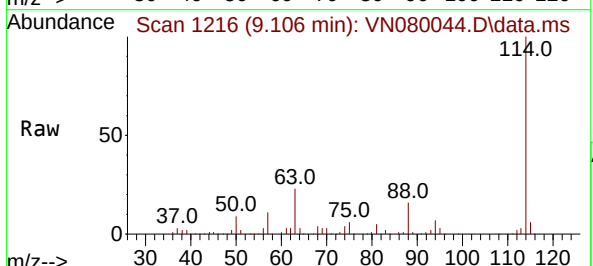
Tgt Ion: 65 Resp: 216020
Ion Ratio Lower Upper
65 100
67 51.6 42.1 63.1

Manual Integrations
APPROVED

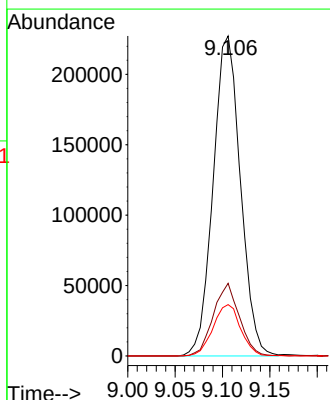
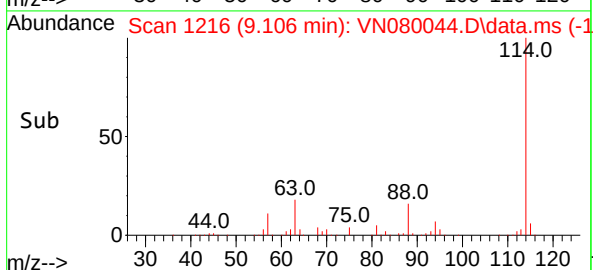
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

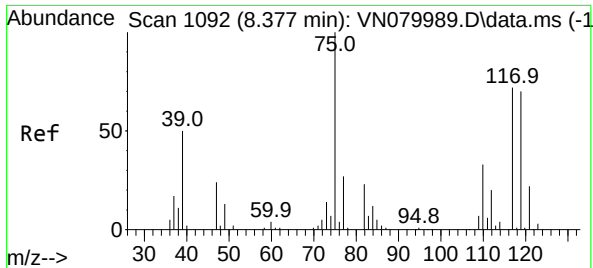


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58



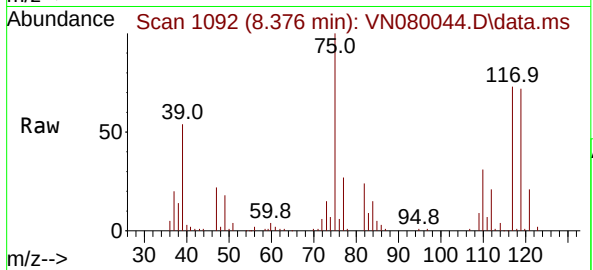
Tgt Ion:114 Resp: 456224
Ion Ratio Lower Upper
114 100
63 21.7 18.1 27.1
88 16.2 12.2 18.2





#29
1,1-Dichloropropene
Concen: 18.985 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

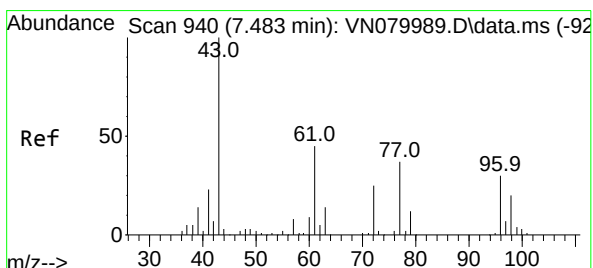
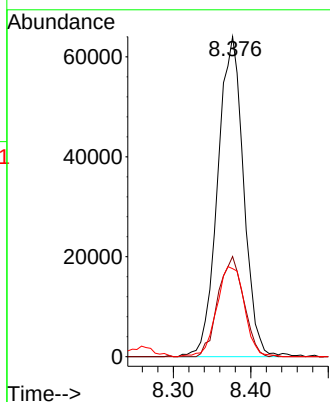
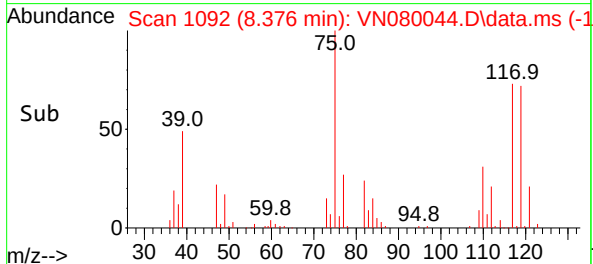
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 75 Resp: 148650
Ion Ratio Lower Upper
75 100
110 31.0 0.0 66.8
77 30.2 0.0 61.2

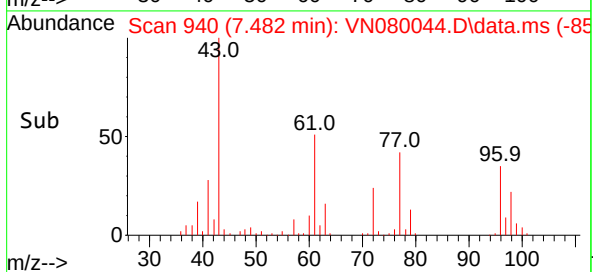
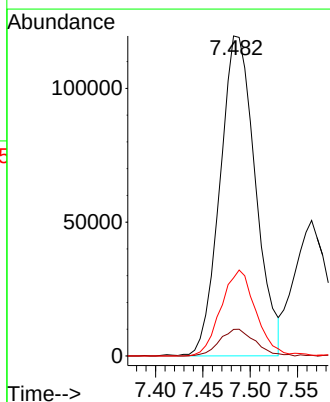
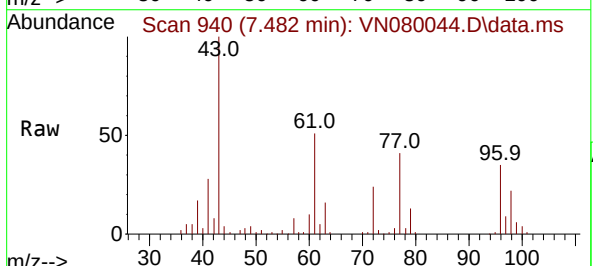
Manual Integrations
APPROVED

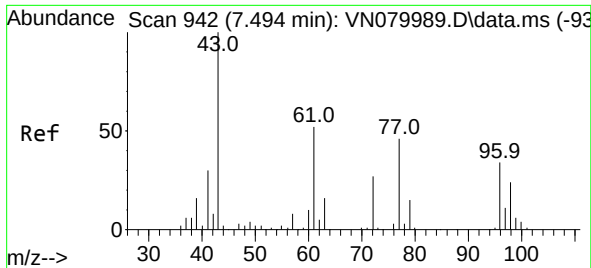
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#30
2-Butanone
Concen: 83.254 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 43 Resp: 311322
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 26.2 20.7 31.1





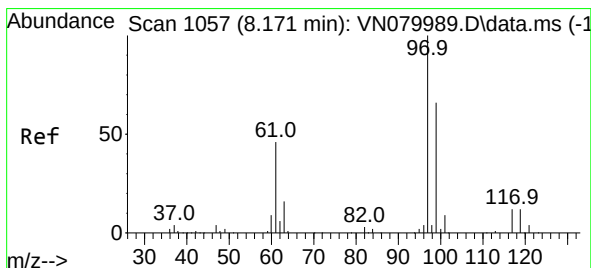
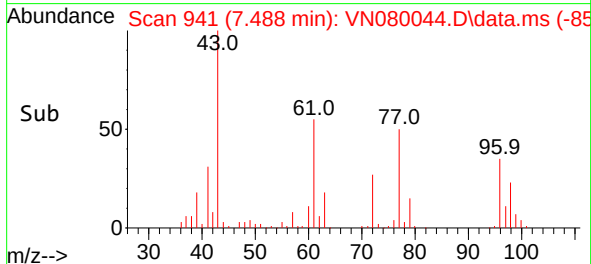
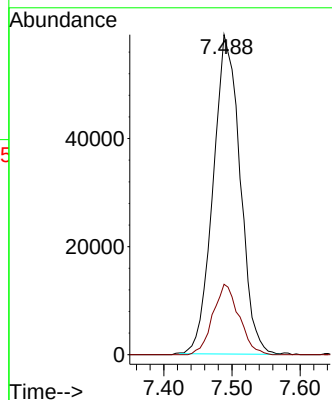
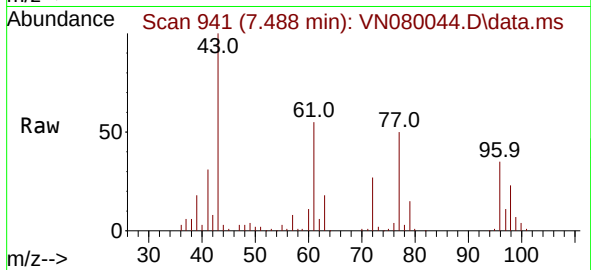
#31
2,2-Dichloropropane
Concen: 19.249 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 77 Resp: 16290
Ion Ratio Lower Upper
77 100
97 21.4 17.9 26.9

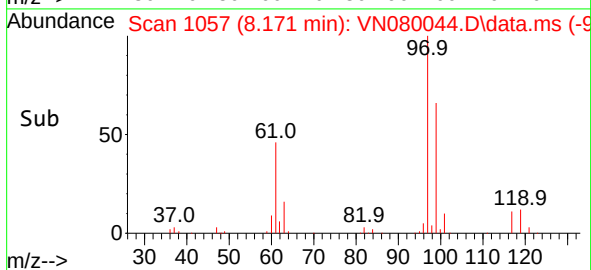
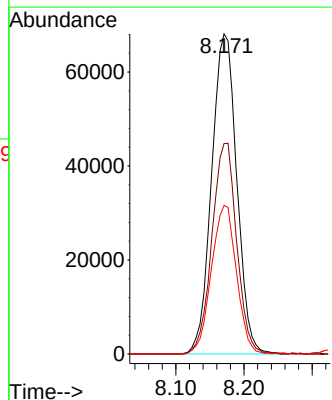
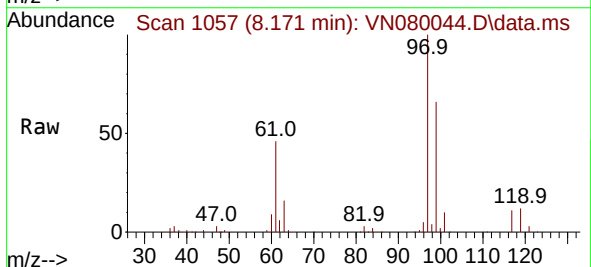
Manual Integrations
APPROVED

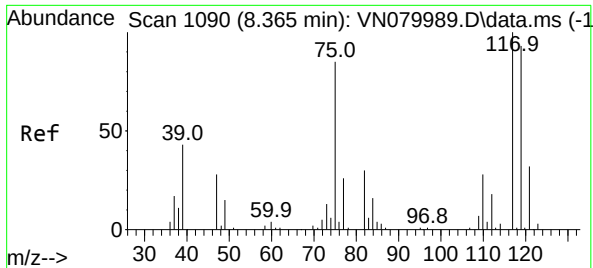
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#32
1,1,1-Trichloroethane
Concen: 19.573 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

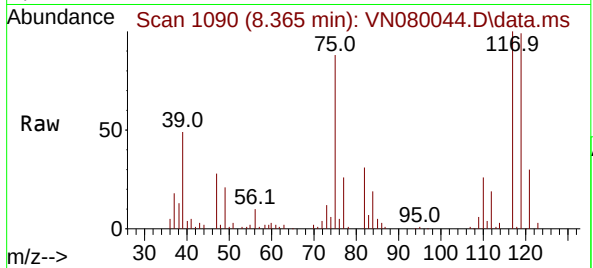
Tgt Ion: 97 Resp: 174954
Ion Ratio Lower Upper
97 100
99 64.6 51.9 77.9
61 46.3 37.6 56.4





#33
Carbon Tetrachloride
Concen: 19.507 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

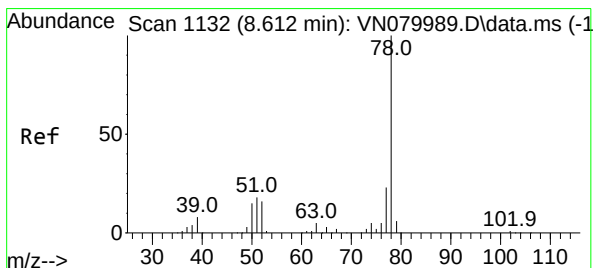
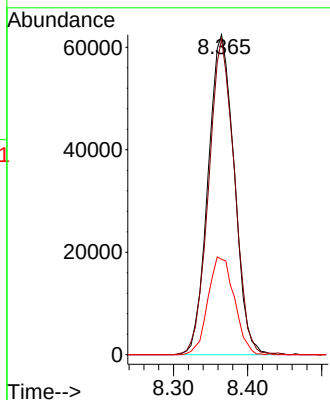
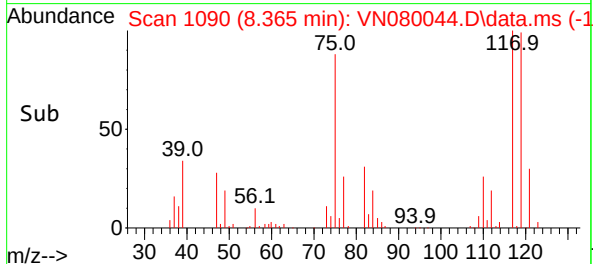
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion:117 Resp: 153259
Ion Ratio Lower Upper
117 100
119 98.4 75.0 112.6
121 29.8 24.3 36.5

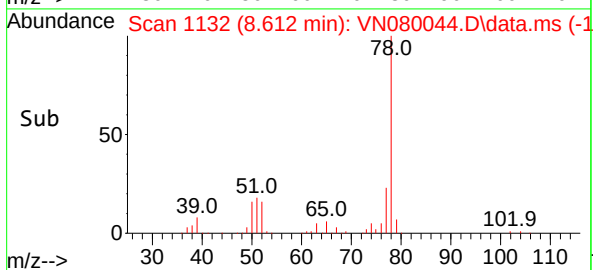
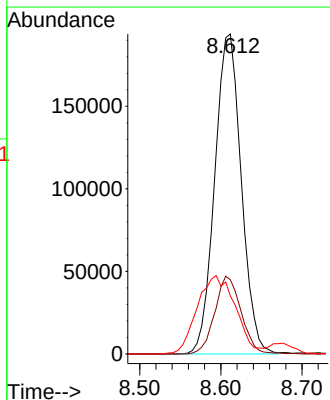
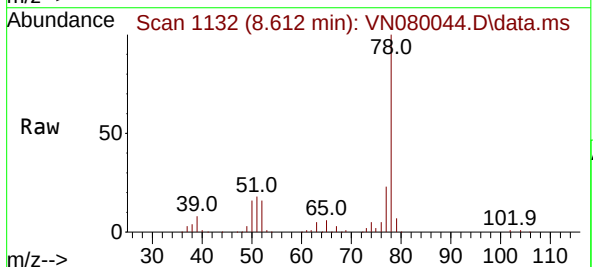
Manual Integrations
APPROVED

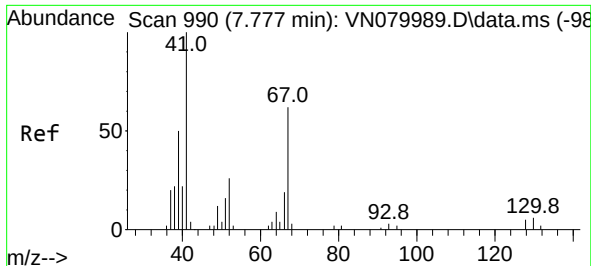
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#34
Benzene
Concen: 18.930 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

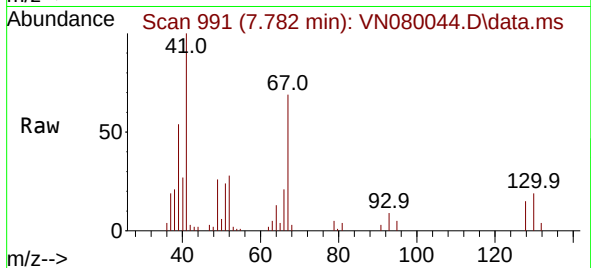
Tgt Ion: 78 Resp: 440315
Ion Ratio Lower Upper
78 100
77 23.2 19.7 29.5
51 17.0 15.8 23.6





#35
Methacrylonitrile
Concen: 17.114 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

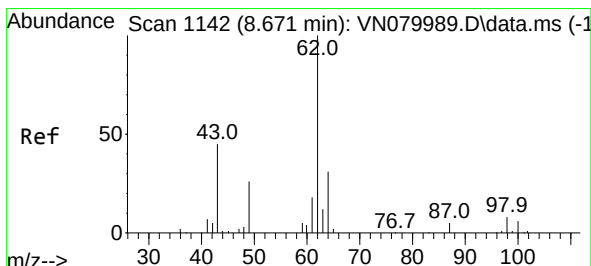
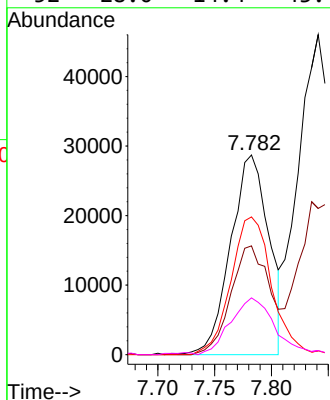
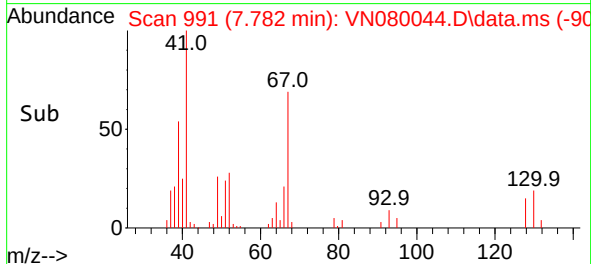
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 41 Resp: 67099
Ion Ratio Lower Upper
41 100
39 54.8 26.3 78.8
67 69.4 37.5 112.3
52 28.0 14.4 43.4

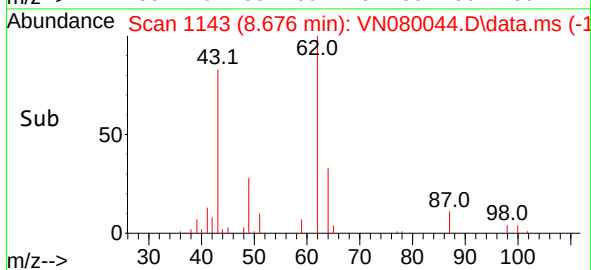
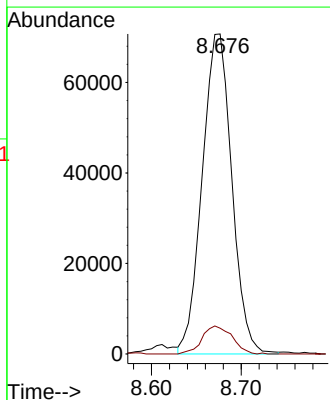
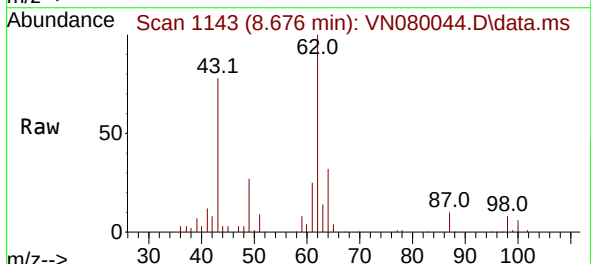
Manual Integrations
APPROVED

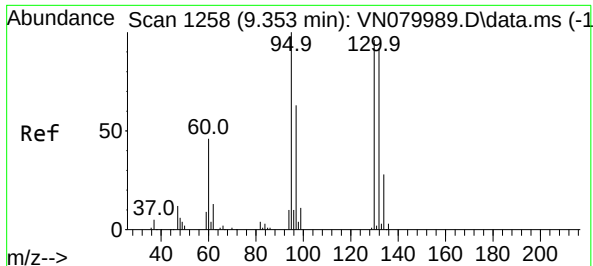
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#36
1,2-Dichloroethane
Concen: 19.273 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.005 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 62 Resp: 162241
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#37

Trichloroethene

Concen: 19.092 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion:130 Resp: 10679

Ion Ratio Lower Upper

130 100

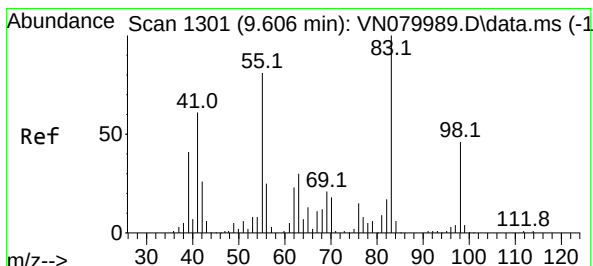
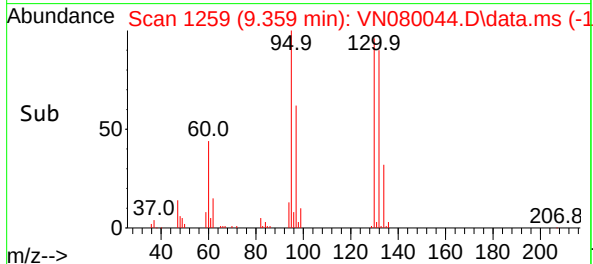
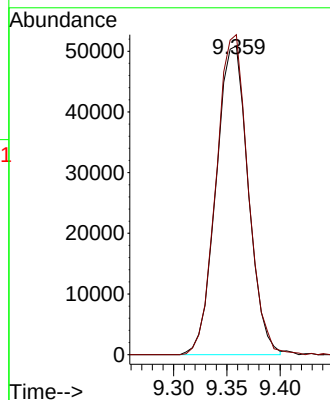
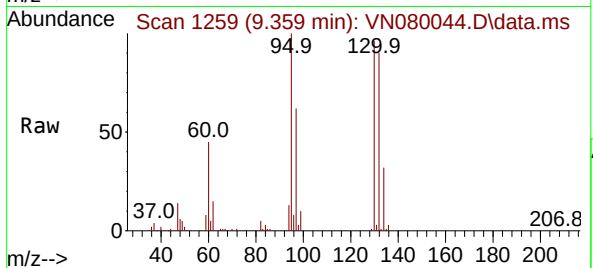
95 103.6 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#38

Methylcyclohexane

Concen: 17.897 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

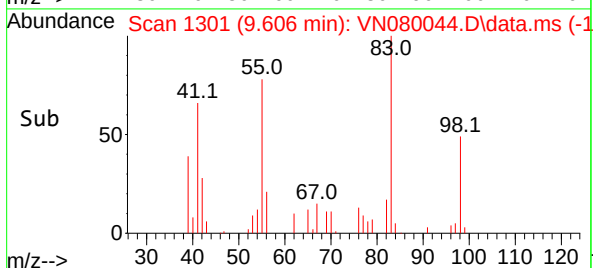
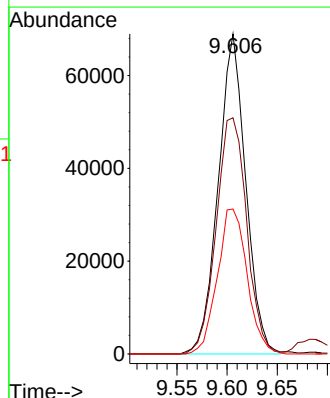
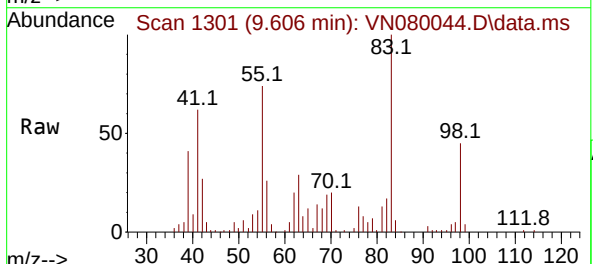
Tgt Ion: 83 Resp: 131583

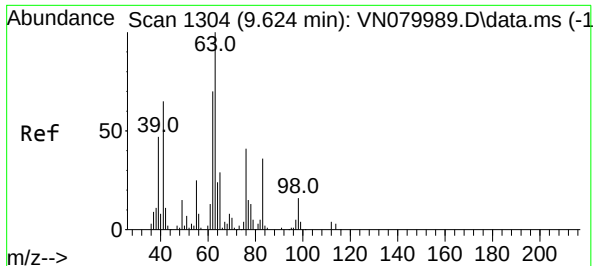
Ion Ratio Lower Upper

83 100

55 81.9 39.7 119.1

98 49.1 24.4 73.2





#39

1,2-Dichloropropane

Concen: 18.860 ug/l

RT: 9.623 min Scan# 11611

Delta R.T. 0.000 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 63 Resp: 11611

Ion Ratio Lower Upper

63 100

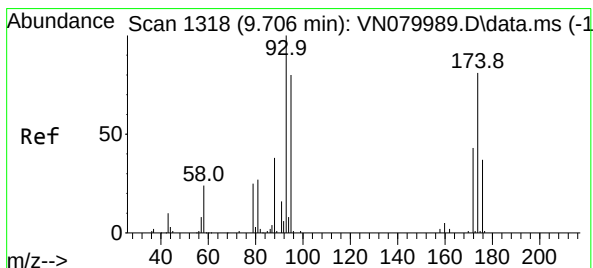
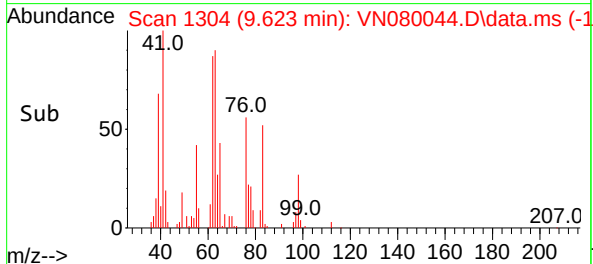
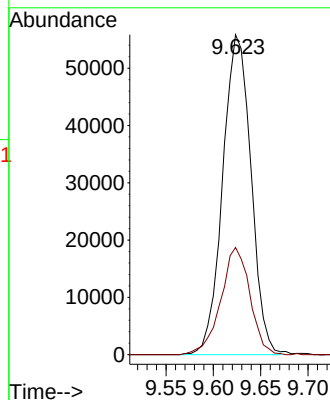
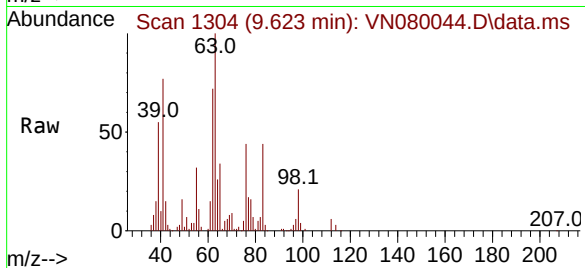
65 33.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

Dibromomethane

Concen: 19.081 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

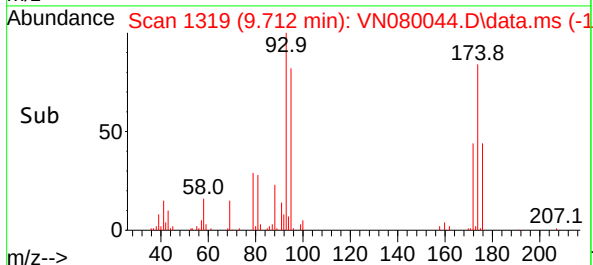
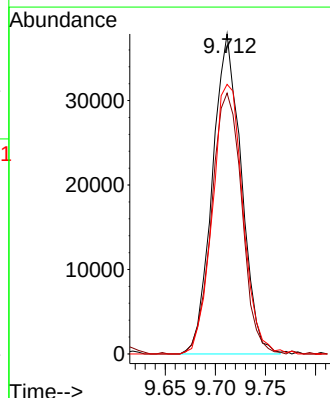
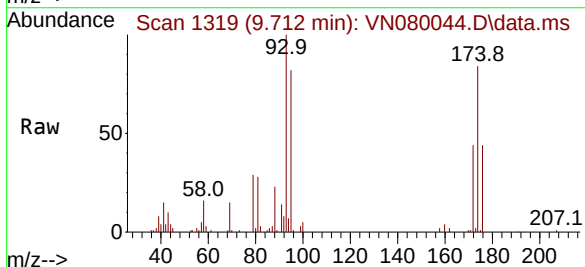
Tgt Ion: 93 Resp: 75934

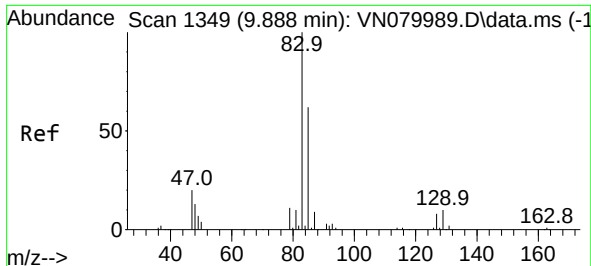
Ion Ratio Lower Upper

93 100

95 85.3 0.0 166.6

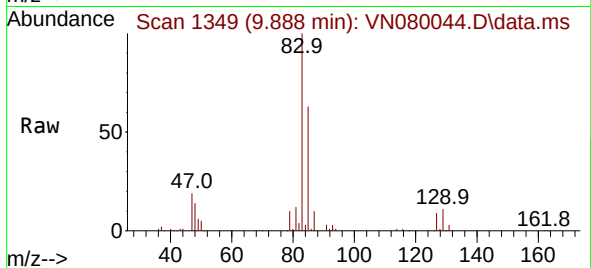
174 89.1 0.0 171.0





#41
Bromodichloromethane
Concen: 19.344 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

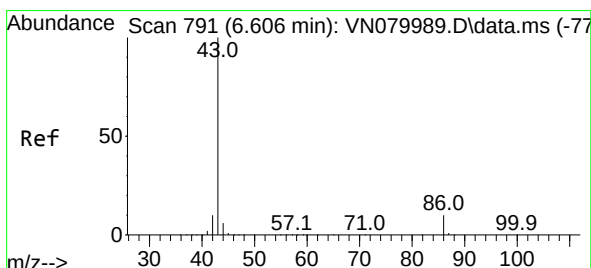
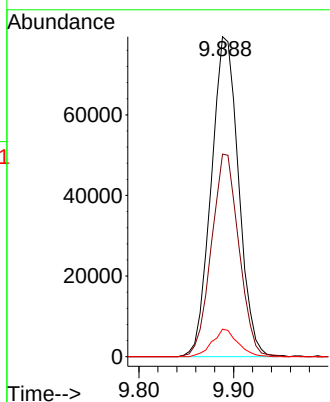
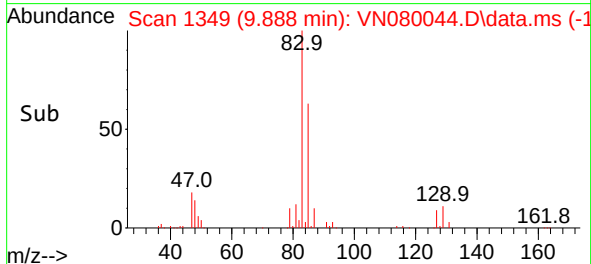
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 83 Resp: 159436
Ion Ratio Lower Upper
83 100
85 63.3 50.3 75.5
127 8.6 6.8 10.2

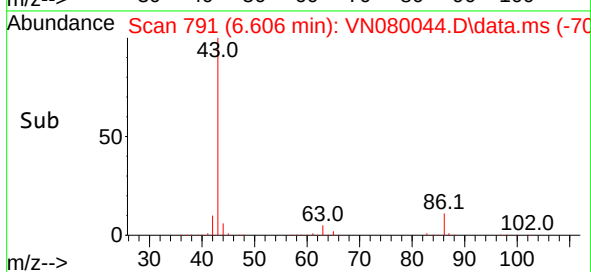
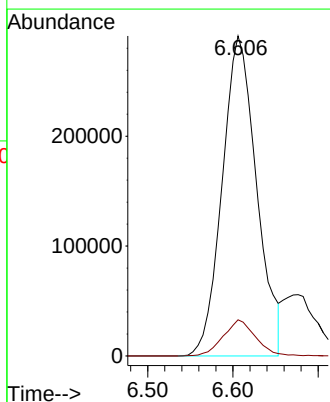
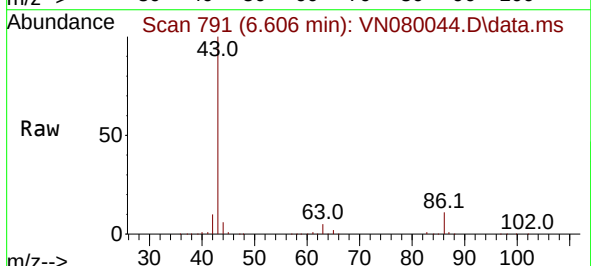
Manual Integrations
APPROVED

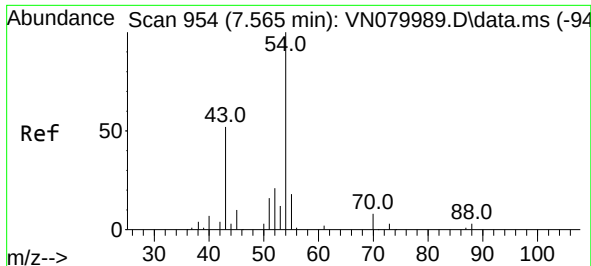
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
Vinyl Acetate
Concen: 88.066 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 43 Resp: 817984
Ion Ratio Lower Upper
43 100
86 10.6 8.2 12.2





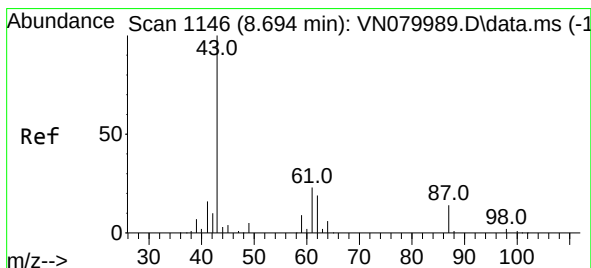
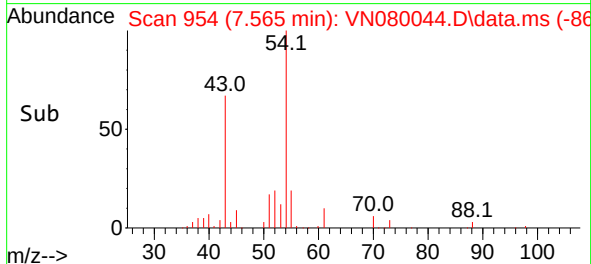
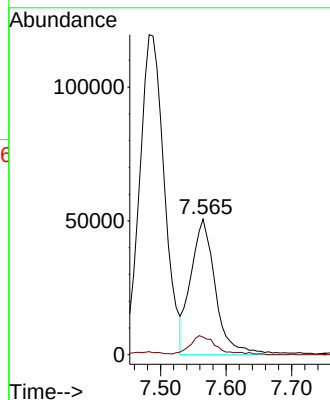
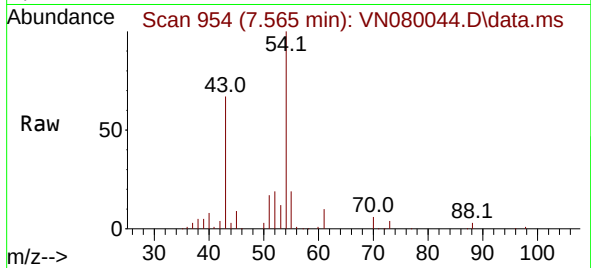
#43
Ethyl Acetate
Concen: 18.915 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 43 Resp: 132870
Ion Ratio Lower Upper
43 100
45 13.9 11.8 17.8

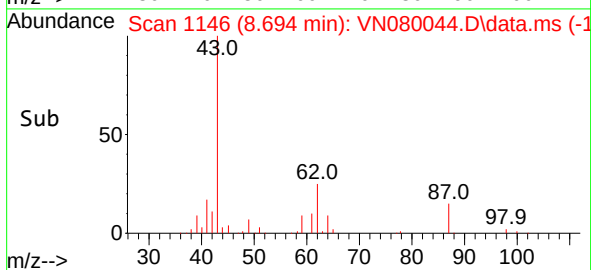
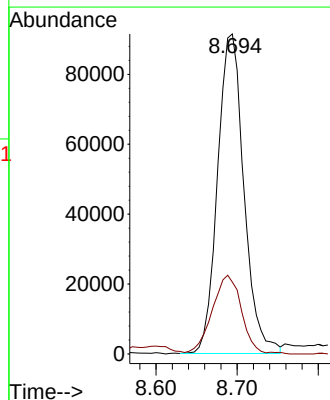
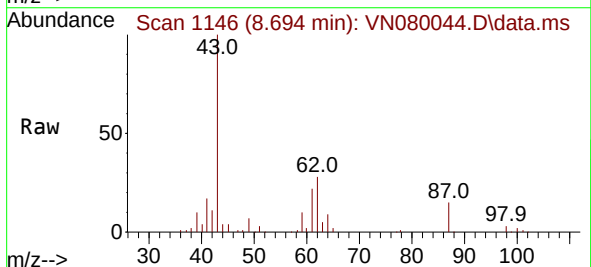
Manual Integrations
APPROVED

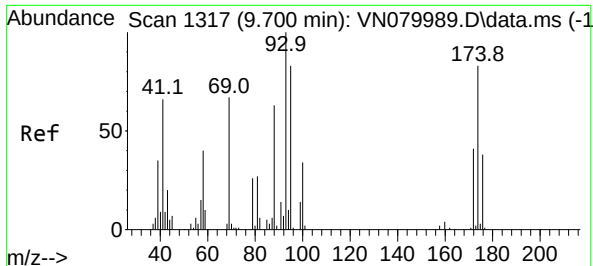
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
Isopropyl Acetate
Concen: 18.010 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 43 Resp: 206149
Ion Ratio Lower Upper
43 100
61 27.2 20.3 30.5





#45

1,4-Dioxane

Concen: 355.939 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

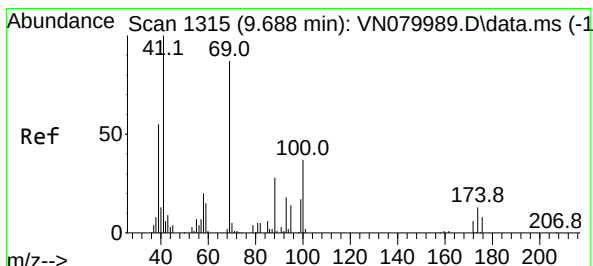
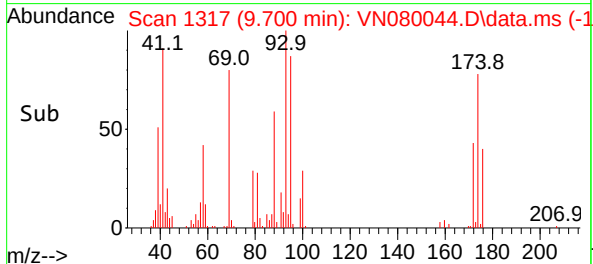
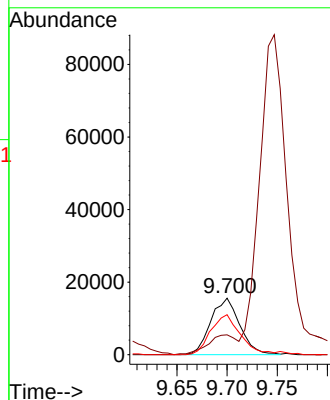
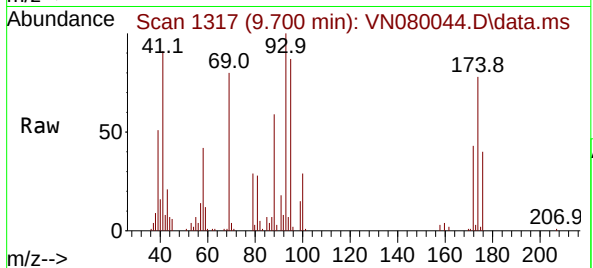
Tgt Ion:	88	Resp:	3139
Ion Ratio	Lower	Upper	
88	100		
43	35.5	28.7	43.1
58	72.2	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#46

Methyl methacrylate

Concen: 17.615 ug/l

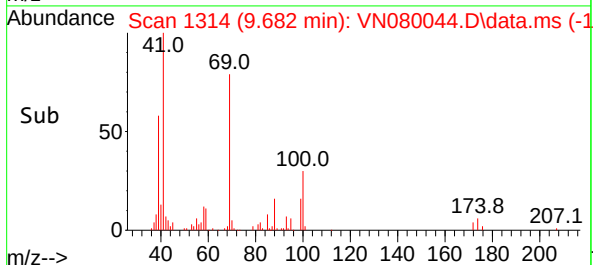
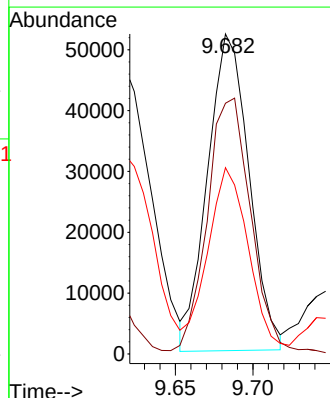
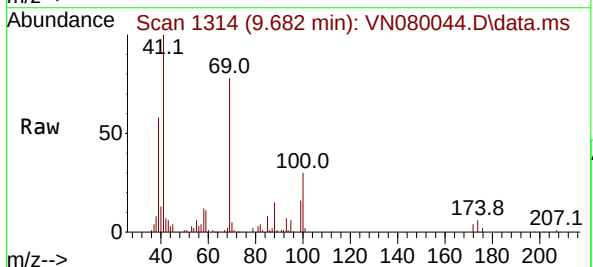
RT: 9.682 min Scan# 1314

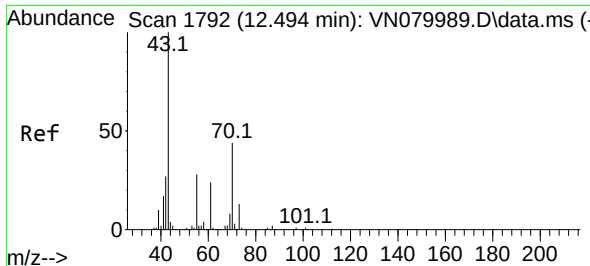
Delta R.T. -0.006 min

Lab File: VN080044.D

Acq: 10 Nov 2023 10:58

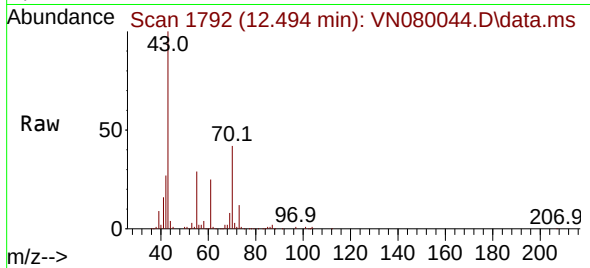
Tgt Ion:	41	Resp:	96919
Ion Ratio	Lower	Upper	
41	100		
69	80.5	40.0	119.9
39	58.4	31.1	93.3





#47
n-amy1 Acetate
Concen: 17.909 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

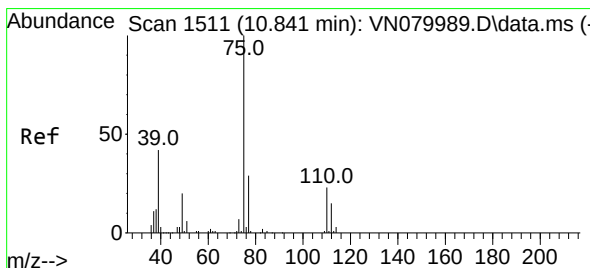
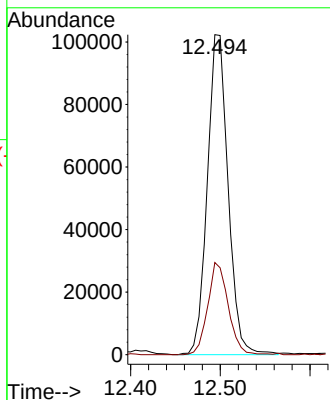
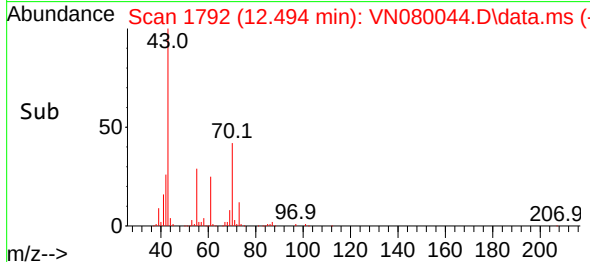
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 43 Resp: 164654
Ion Ratio Lower Upper
43 100
55 28.2 20.7 31.1

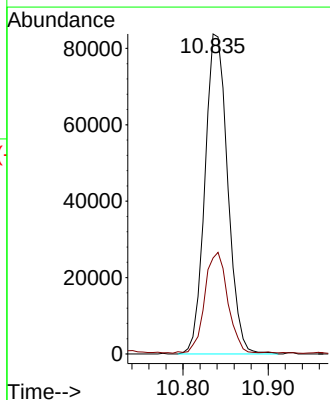
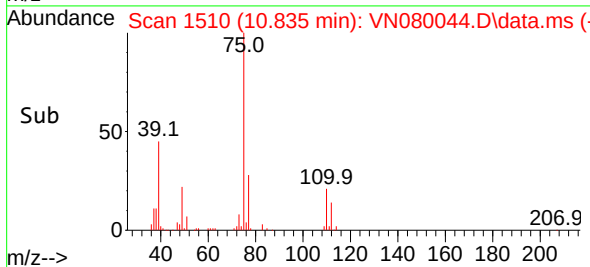
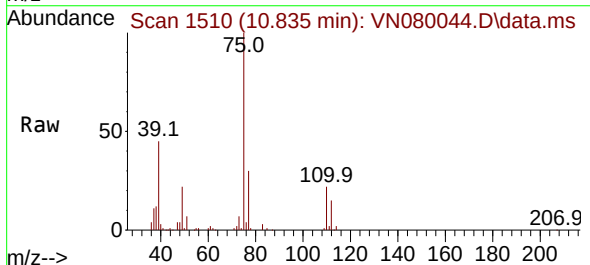
Manual Integrations
APPROVED

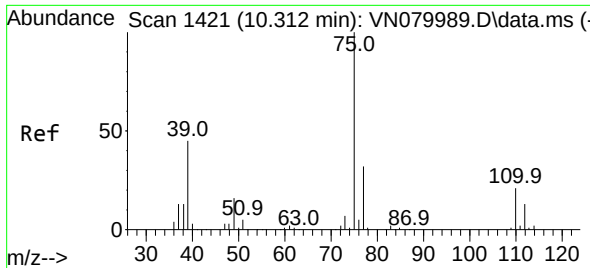
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#48
t-1,3-Dichloropropene
Concen: 18.443 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

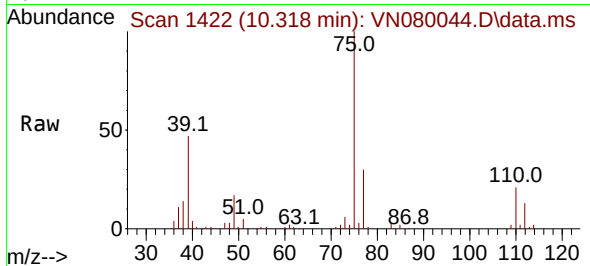
Tgt Ion: 75 Resp: 155241
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 18.725 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

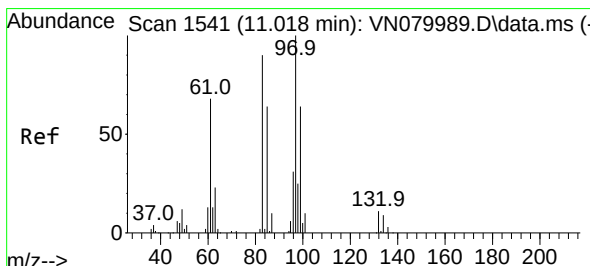
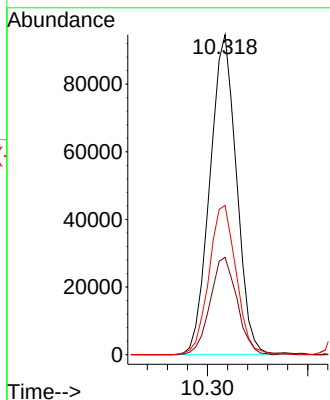
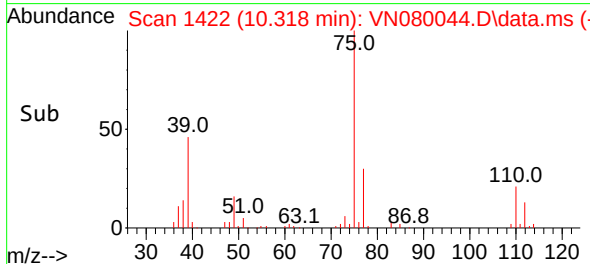
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 75 Resp: 17424
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6
39 46.4 42.4 63.6

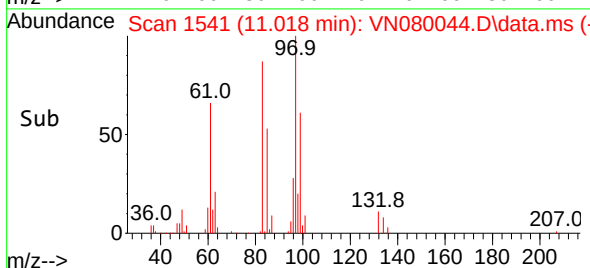
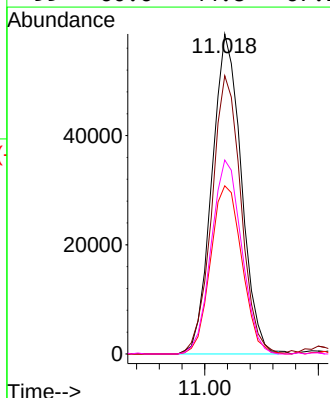
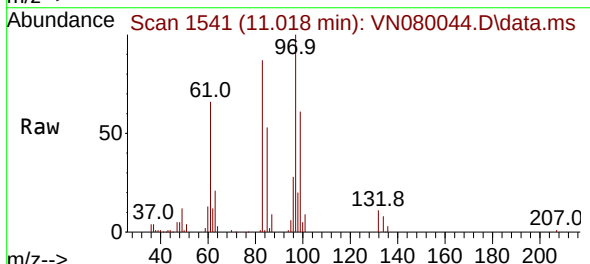
Manual Integrations
APPROVED

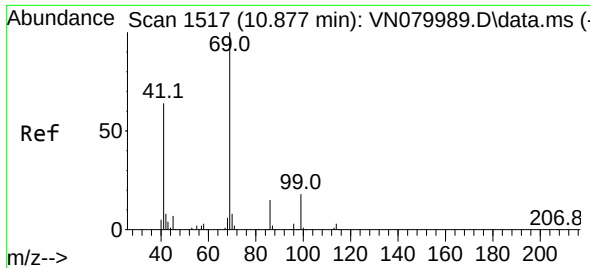
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
1,1,2-Trichloroethane
Concen: 19.432 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.001 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 97 Resp: 105484
Ion Ratio Lower Upper
97 100
83 87.0 68.2 102.4
85 52.5 42.9 64.3
99 60.6 44.8 67.2





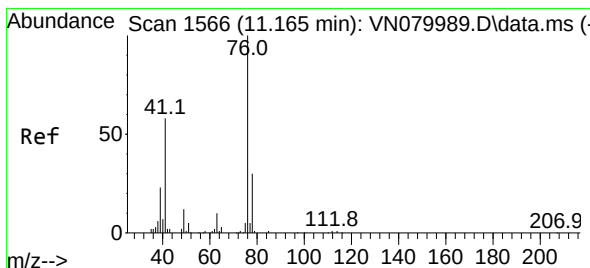
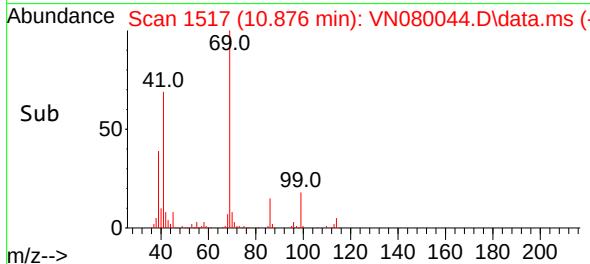
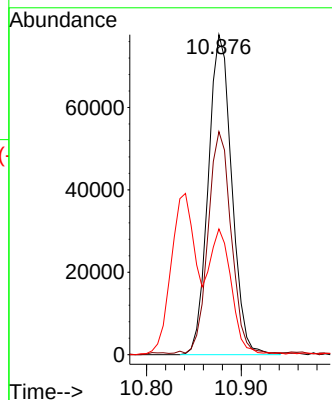
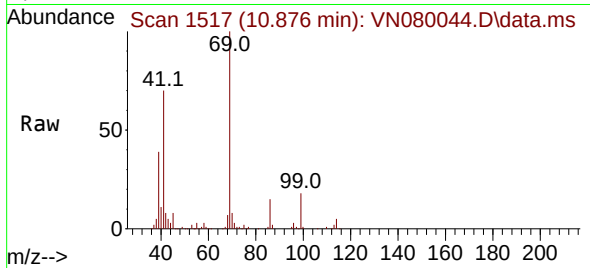
#51
Ethyl methacrylate
Concen: 17.190 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 69 Resp: 13412
Ion Ratio Lower Upper
69 100
41 69.1 33.8 101.3
39 38.7 21.3 63.9

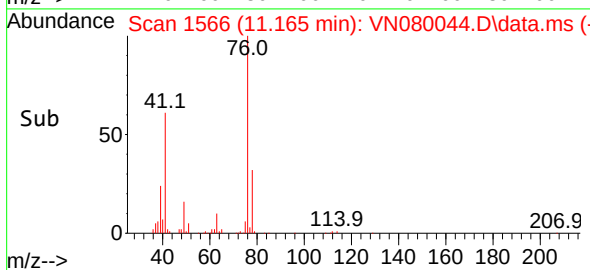
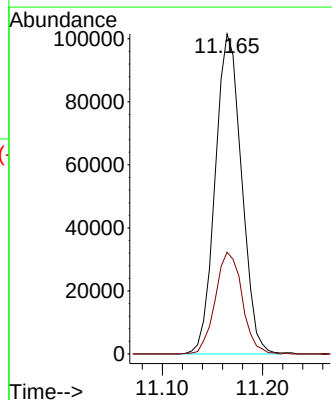
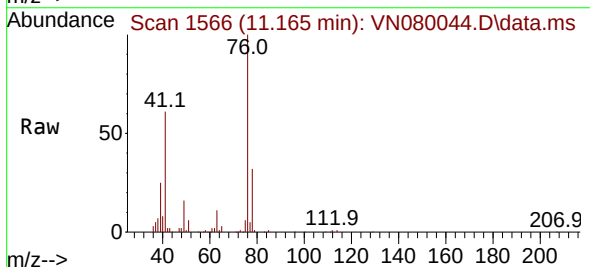
Manual Integrations
APPROVED

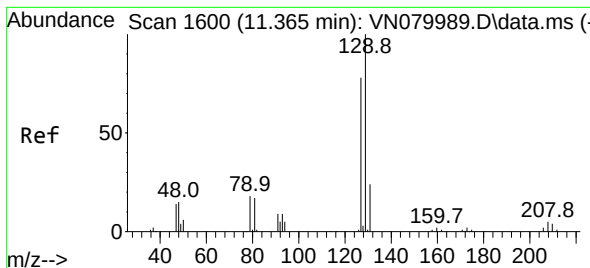
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
1,3-Dichloropropane
Concen: 19.125 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

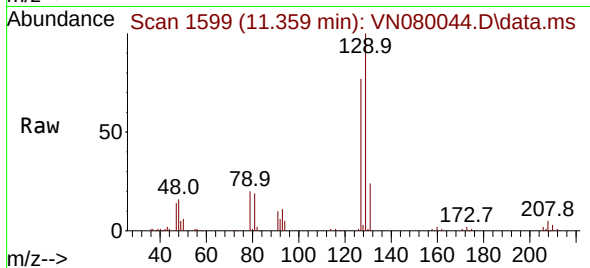
Tgt Ion: 76 Resp: 185612
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





#53
Dibromochloromethane
Concen: 18.864 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

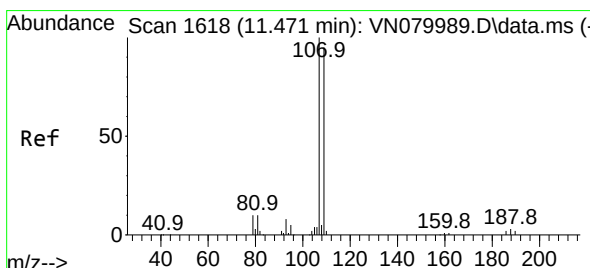
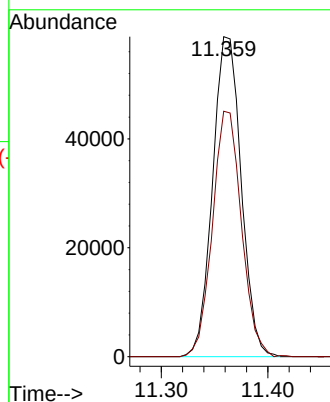
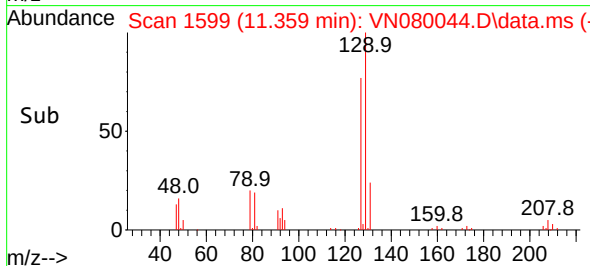
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion:129 Resp: 109550
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3

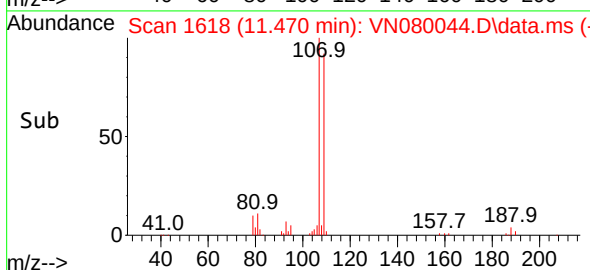
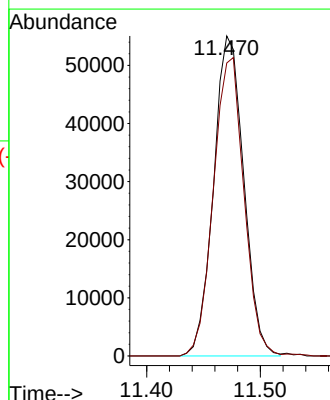
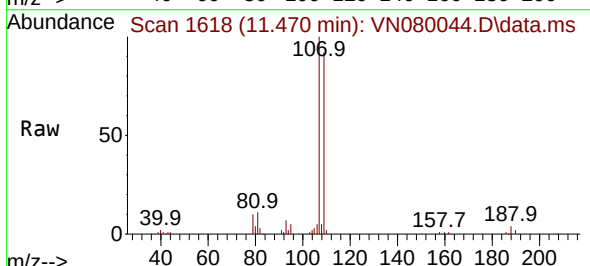
Manual Integrations
APPROVED

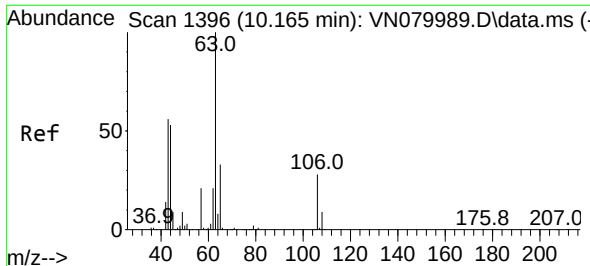
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#54
1,2-Dibromoethane
Concen: 18.617 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

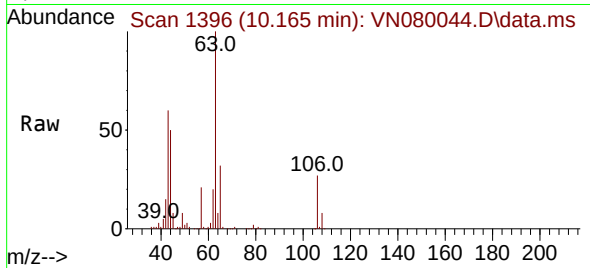
Tgt Ion:107 Resp: 101479
Ion Ratio Lower Upper
107 100
109 94.4 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 98.833 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

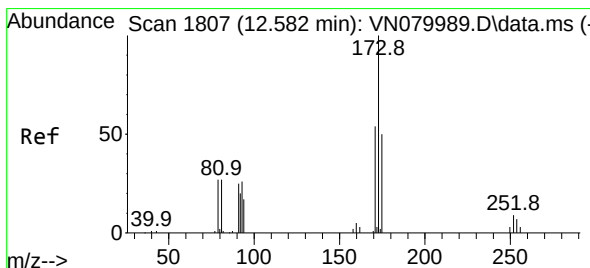
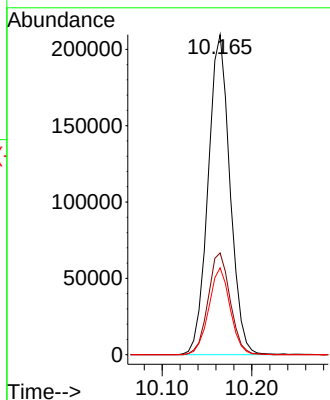
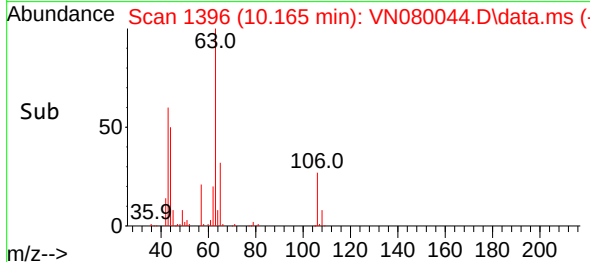
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 63 Resp: 35467
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 26.5 20.6 30.8

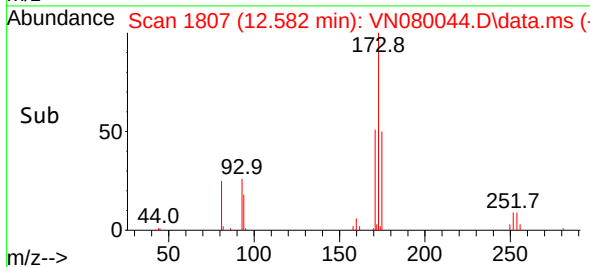
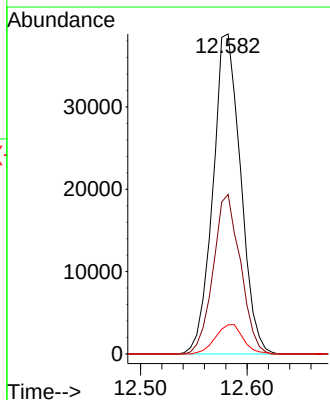
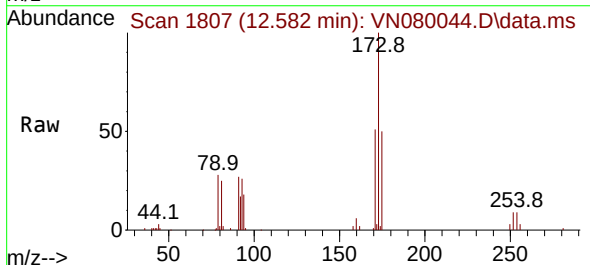
Manual Integrations
APPROVED

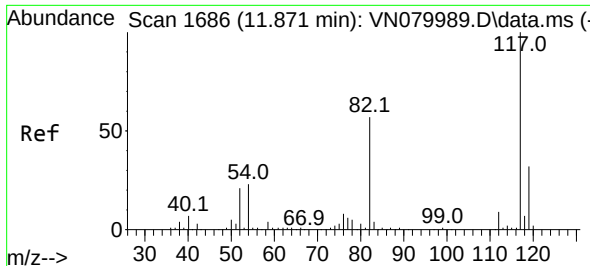
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#56
Bromoform
Concen: 18.452 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

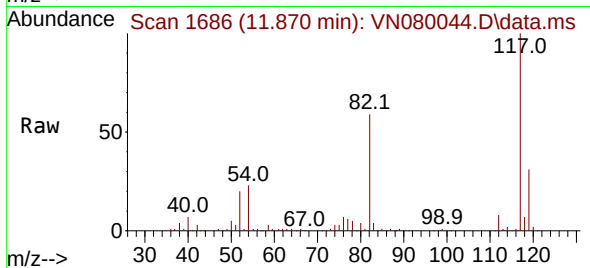
Tgt Ion:173 Resp: 70217
Ion Ratio Lower Upper
173 100
175 49.0 37.9 56.9
254 9.2 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

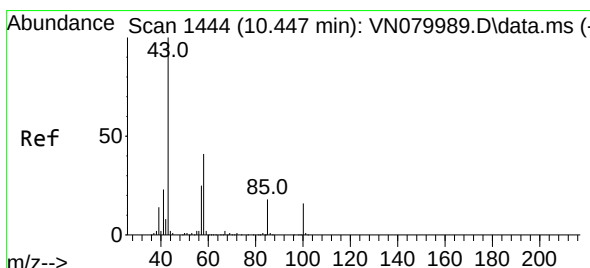
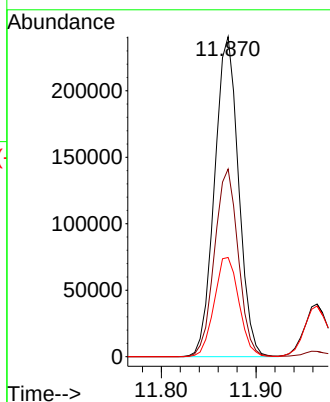
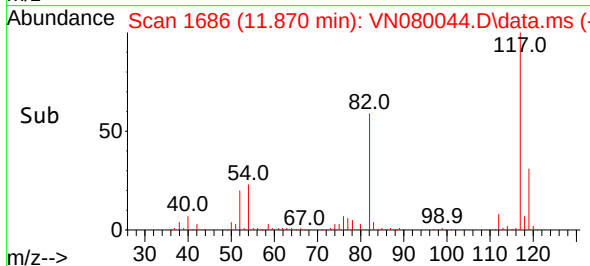
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion:117 Resp: 42395
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.2
119 32.0 25.2 37.8

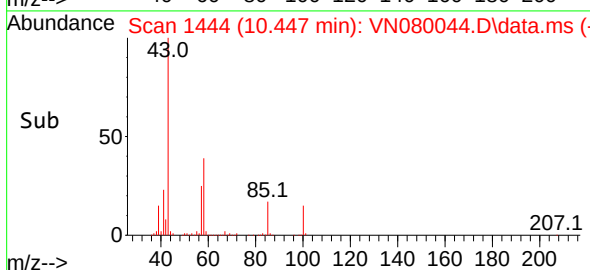
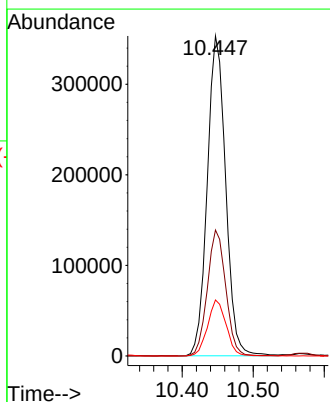
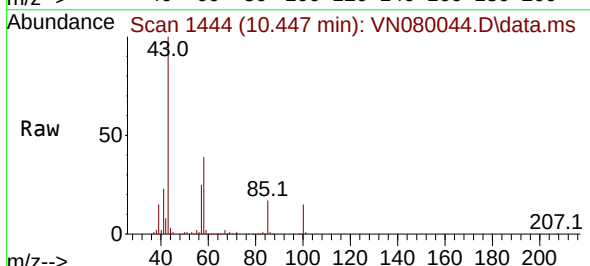
Manual Integrations
APPROVED

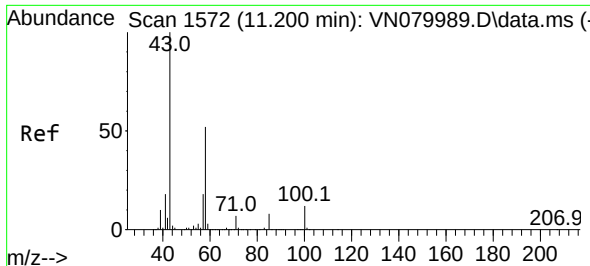
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#58
4-Methyl-2-Pentanone
Concen: 89.871 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

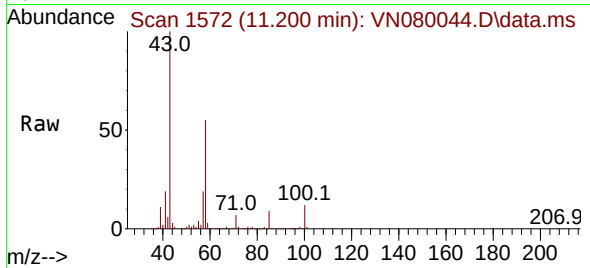
Tgt Ion: 43 Resp: 636534
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6
85 17.6 13.2 19.8





#59
2-Hexanone
Concen: 86.995 ug/l
RT: 11.200 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

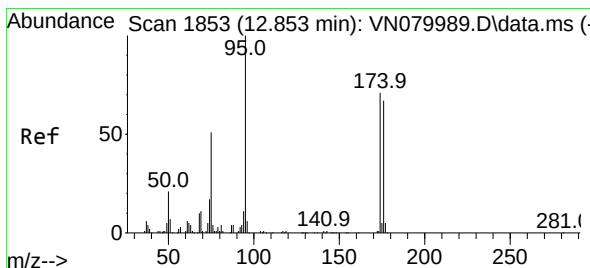
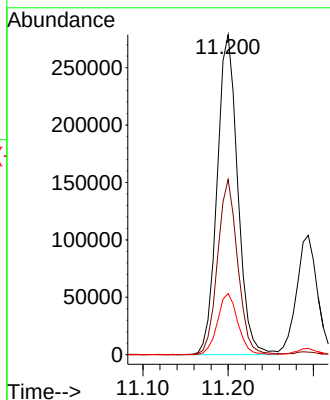
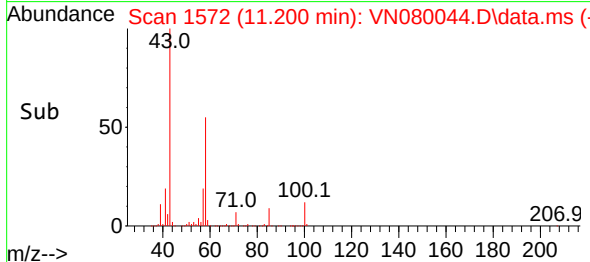
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 43 Resp: 469380
Ion Ratio Lower Upper
43 100
58 53.2 42.3 63.5
57 18.8 13.9 20.9

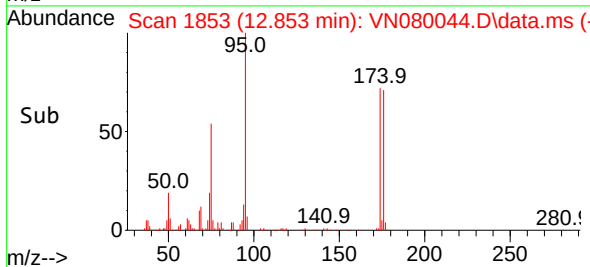
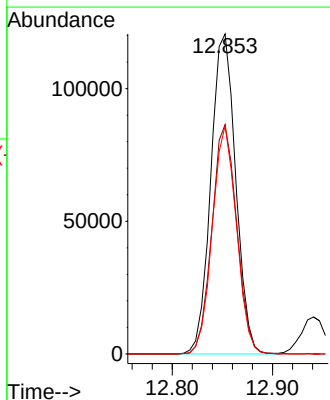
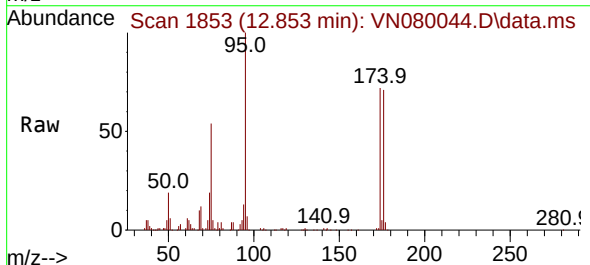
Manual Integrations
APPROVED

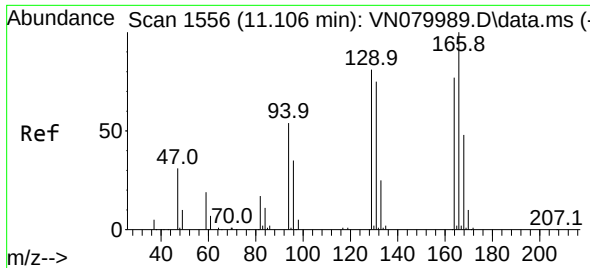
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#60
4-Bromofluorobenzene
Concen: 30.588 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

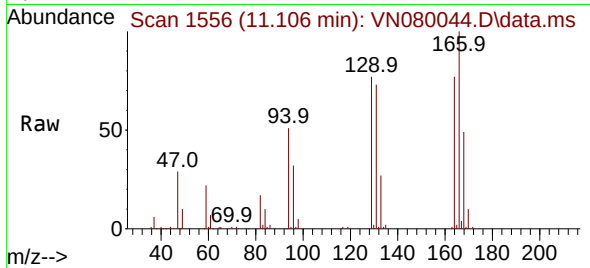
Tgt Ion: 95 Resp: 207378
Ion Ratio Lower Upper
95 100
174 71.6 60.5 90.7
176 69.0 57.2 85.8





#61
Tetrachloroethene
Concen: 18.718 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

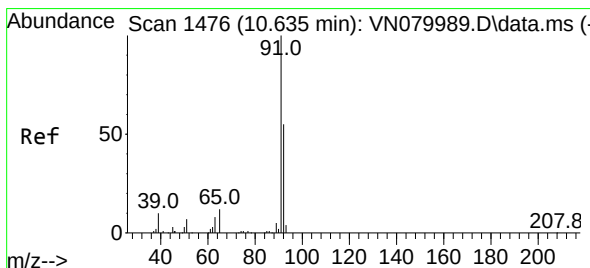
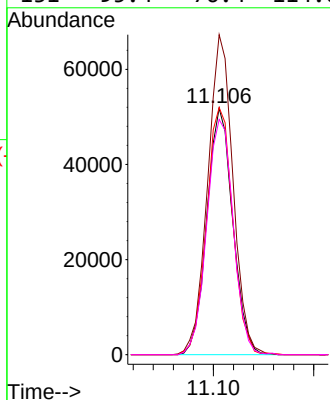
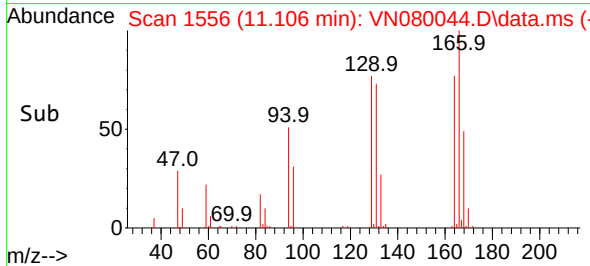
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



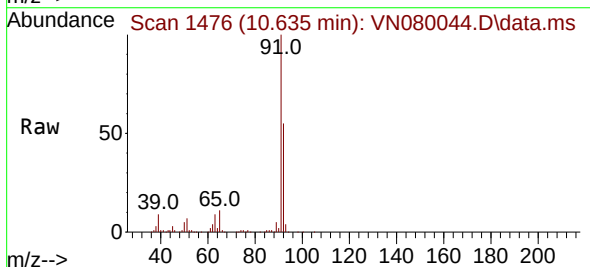
Tgt Ion:164 Resp: 93034
Ion Ratio Lower Upper
164 100
166 129.8 98.2 147.4
129 100.3 75.0 112.4
131 95.4 76.4 114.6

Manual Integrations
APPROVED

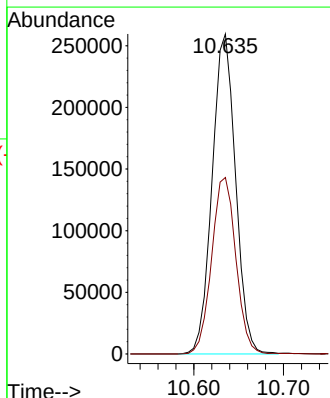
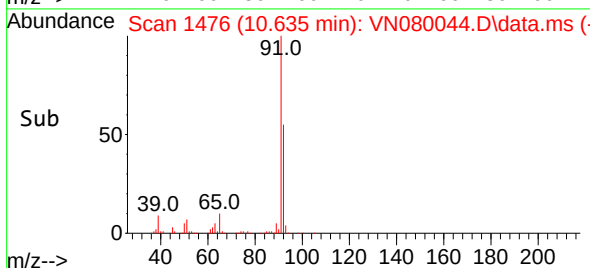
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

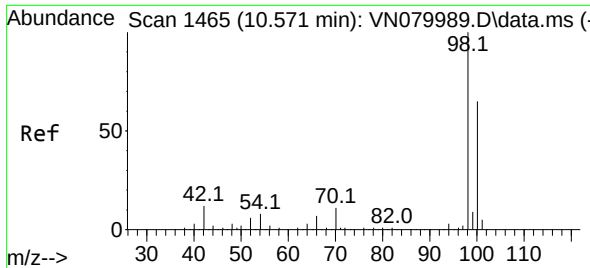


#62
Toluene
Concen: 19.189 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58



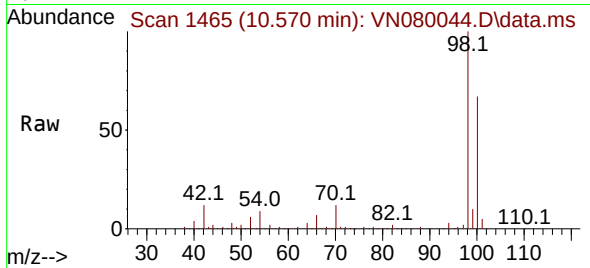
Tgt Ion: 91 Resp: 470510
Ion Ratio Lower Upper
91 100
92 56.9 45.3 67.9





#63
Toluene-d8
Concen: 30.637 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

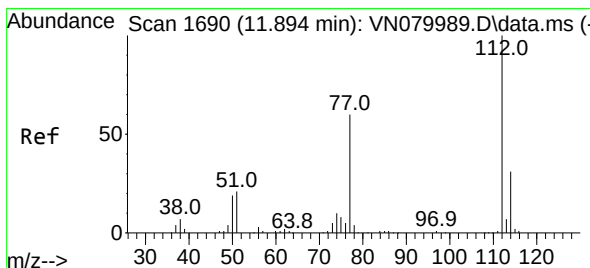
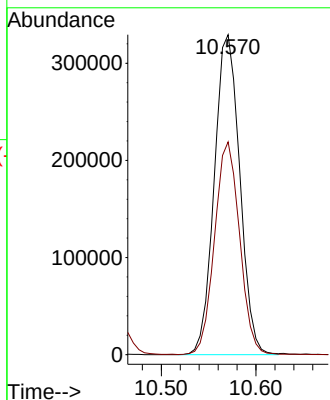
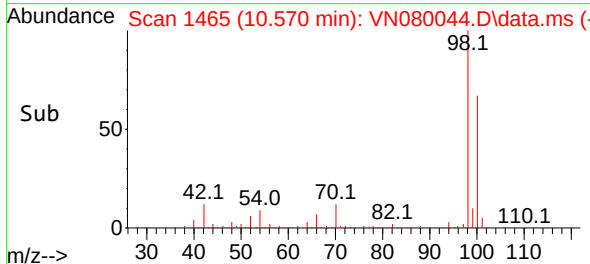
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 98 Resp: 615428
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4

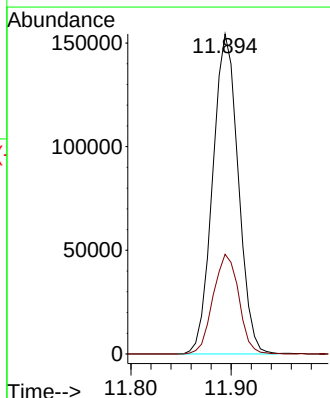
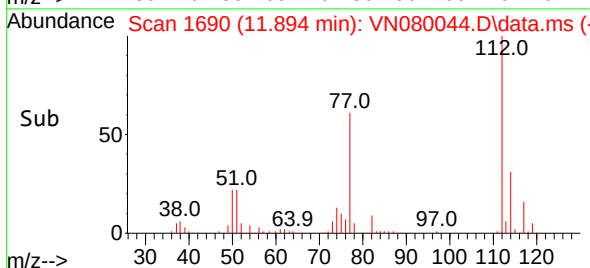
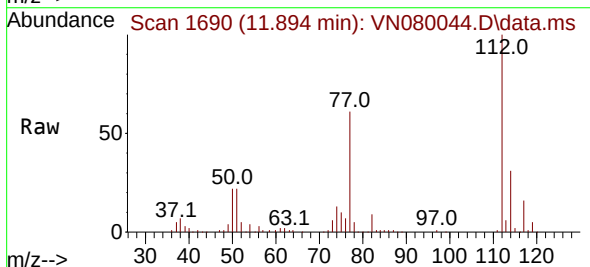
Manual Integrations
APPROVED

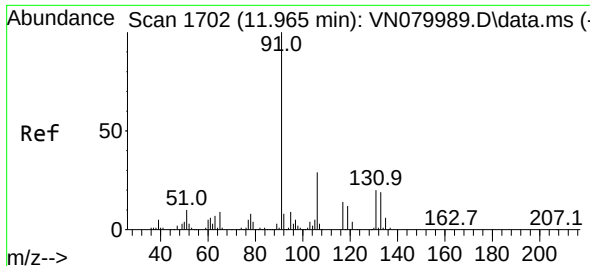
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#64
Chlorobenzene
Concen: 18.707 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

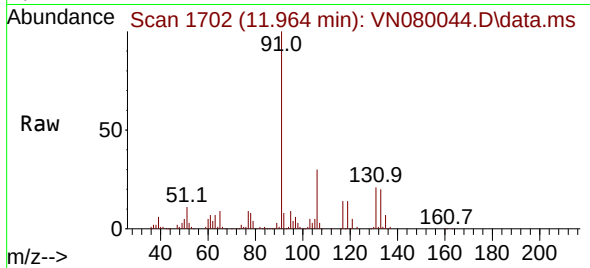
Tgt Ion:112 Resp: 273740
Ion Ratio Lower Upper
112 100
114 31.2 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 18.966 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

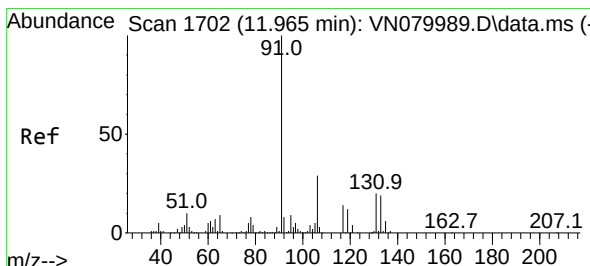
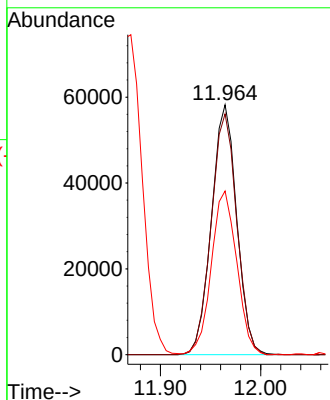
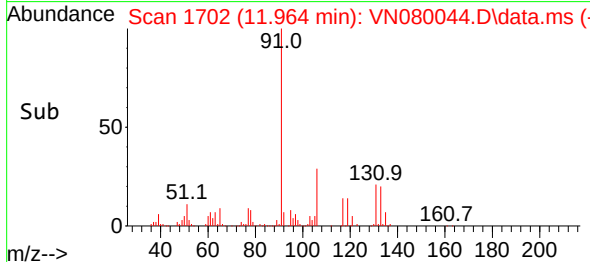
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



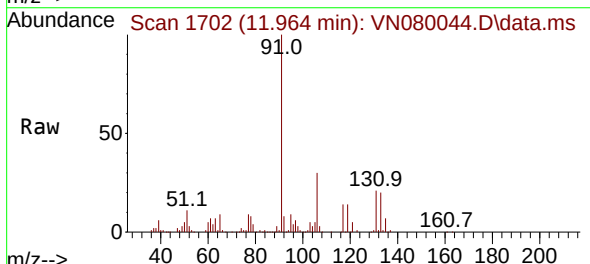
Tgt Ion:131 Resp: 101800
Ion Ratio Lower Upper
131 100
133 97.9 0.0 196.0
119 66.1 0.0 135.6

Manual Integrations
APPROVED

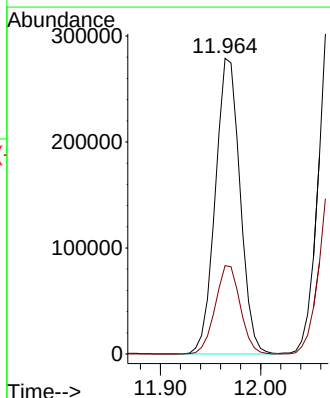
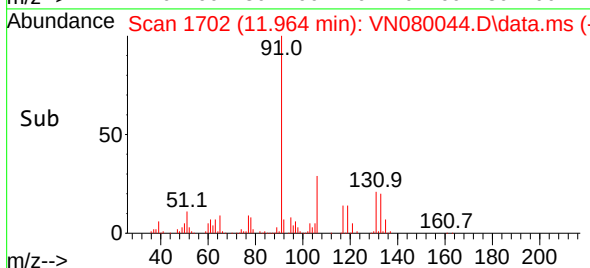
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

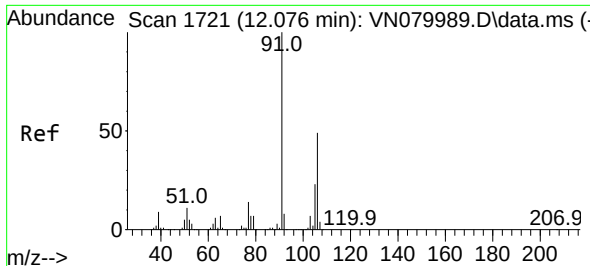


#66
Ethyl Benzene
Concen: 18.546 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58



Tgt Ion: 91 Resp: 477862
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8





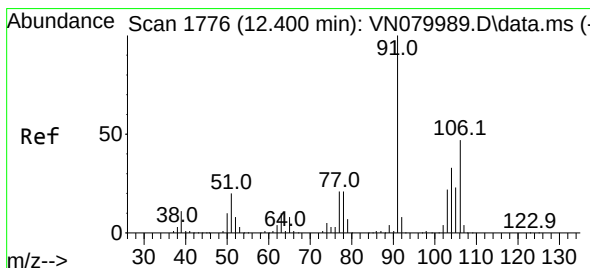
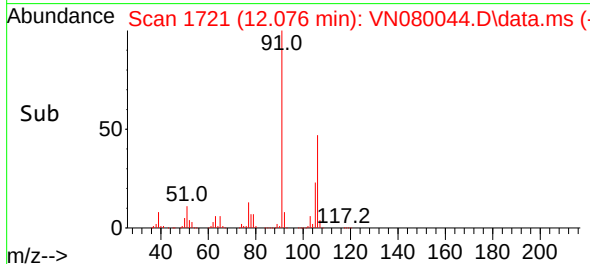
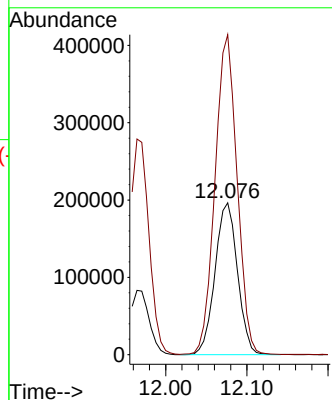
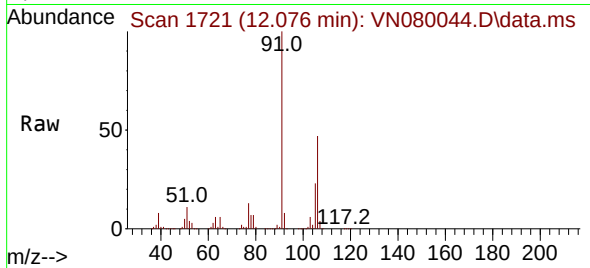
#67
m/p-Xylenes
Concen: 39.332 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:106 Resp: 37730
Ion Ratio Lower Upper
106 100
91 207.3 161.8 242.6

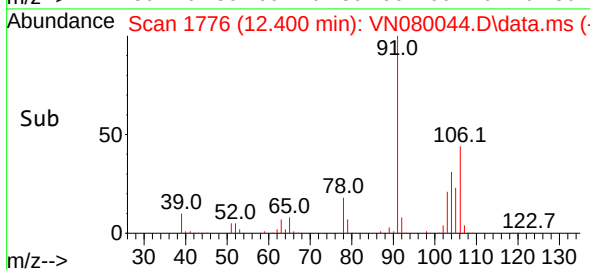
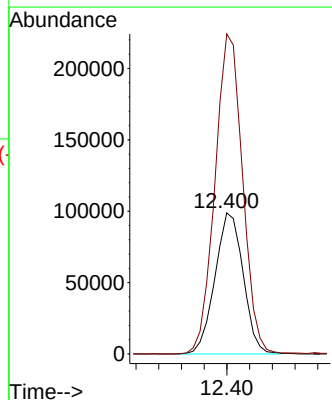
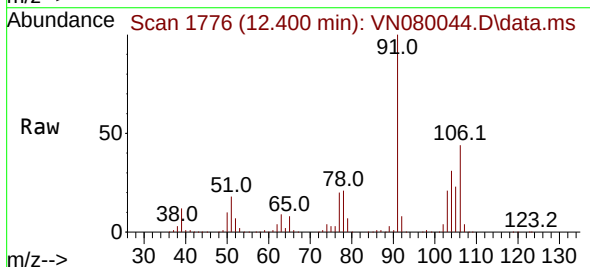
Manual Integrations
APPROVED

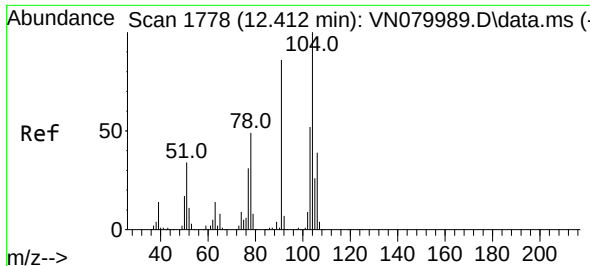
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#68
o-Xylene
Concen: 18.550 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion:106 Resp: 170562
Ion Ratio Lower Upper
106 100
91 222.4 109.9 329.7





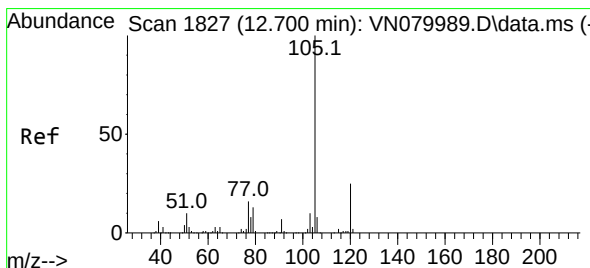
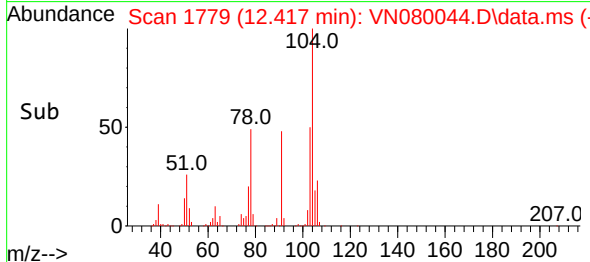
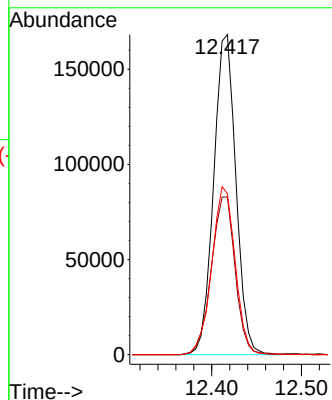
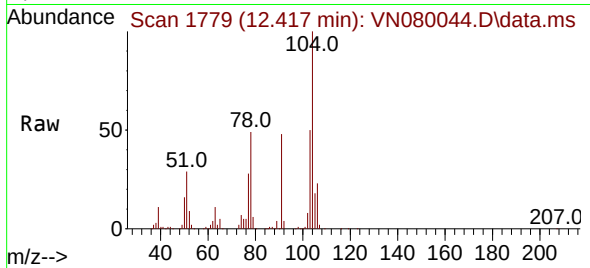
#69
Styrene
Concen: 19.035 ug/l
RT: 12.417 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:104 Resp: 289735
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 55.2 43.1 64.7

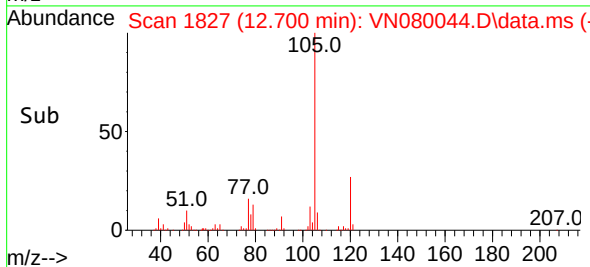
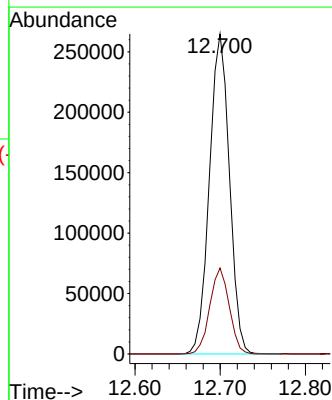
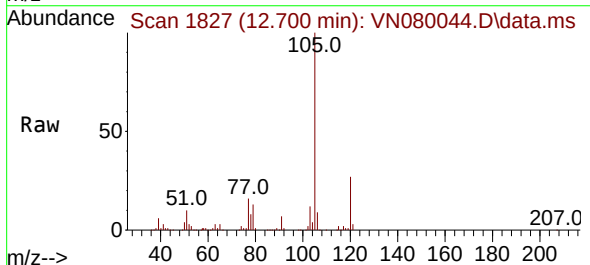
Manual Integrations
APPROVED

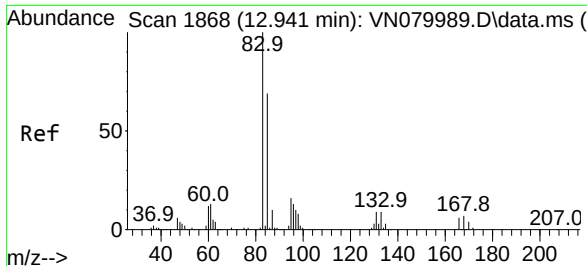
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#70
Isopropylbenzene
Concen: 18.835 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

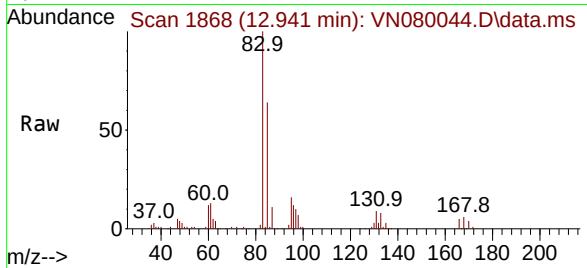
Tgt Ion:105 Resp: 431977
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.400 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

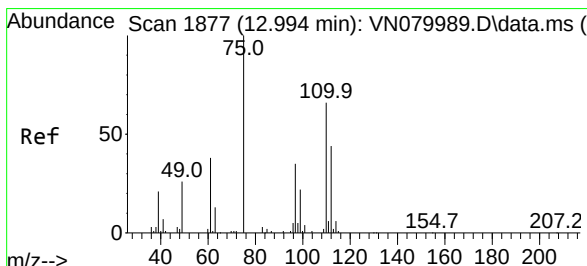
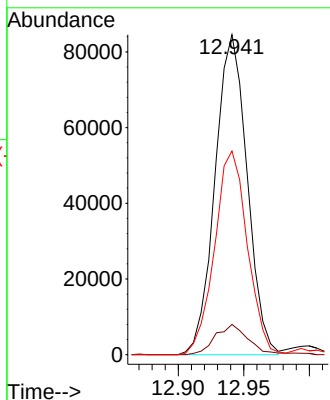
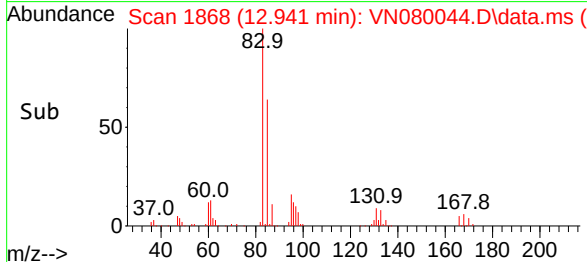
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



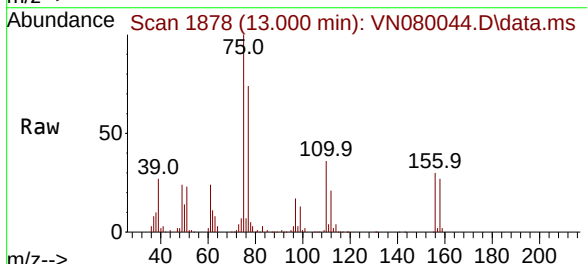
Tgt Ion: 83 Resp: 143734
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.4
85 65.0 32.1 96.3

Manual Integrations
APPROVED

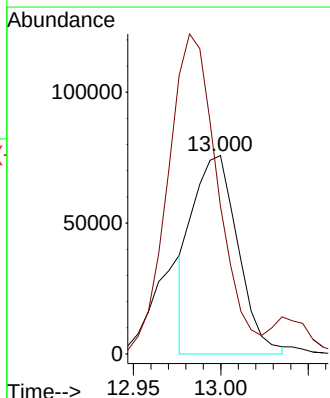
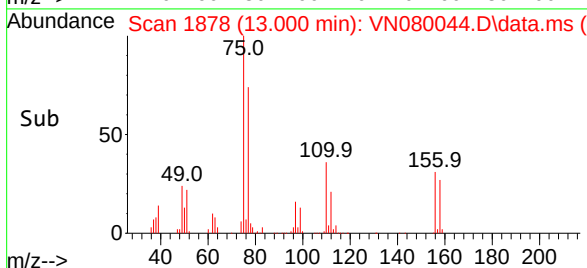
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

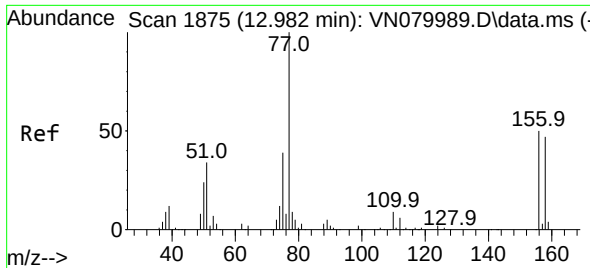


#72
1,2,3-Trichloropropane
Concen: 18.858 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58



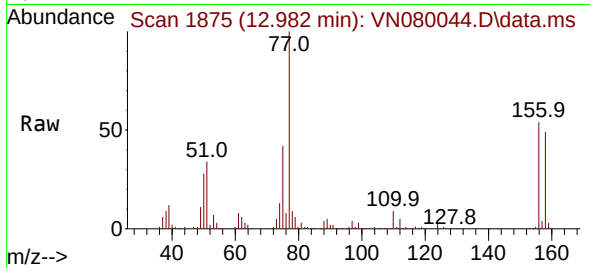
Tgt Ion: 75 Resp: 136878
Ion Ratio Lower Upper
75 100
77 178.1 0.0 338.2





#73
Bromobenzene
Concen: 19.141 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

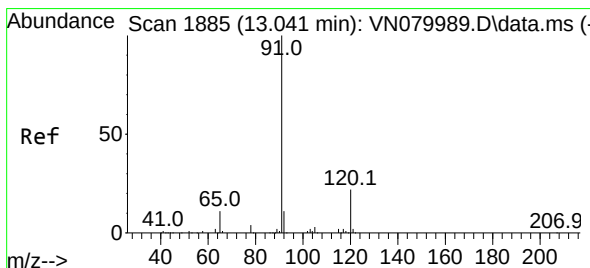
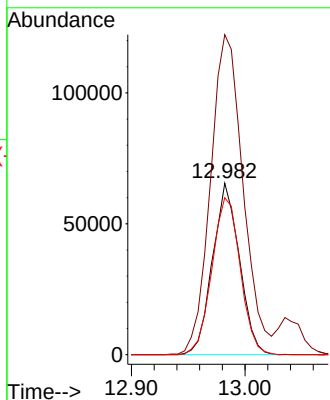
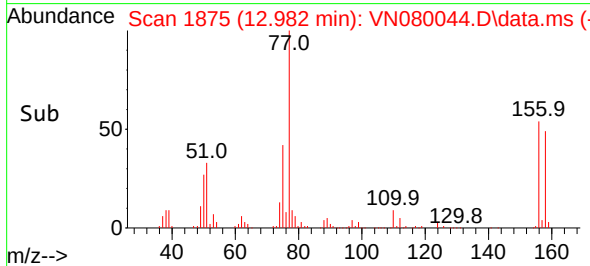
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion:156 Resp: 107920
Ion Ratio Lower Upper
156 100
77 225.9 0.0 448.2
158 96.4 0.0 194.8

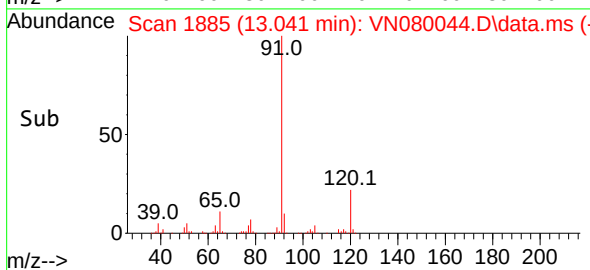
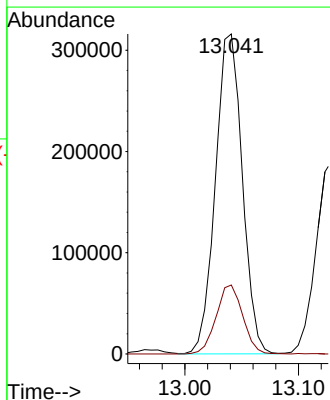
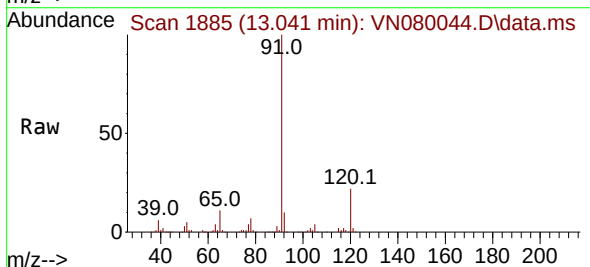
Manual Integrations
APPROVED

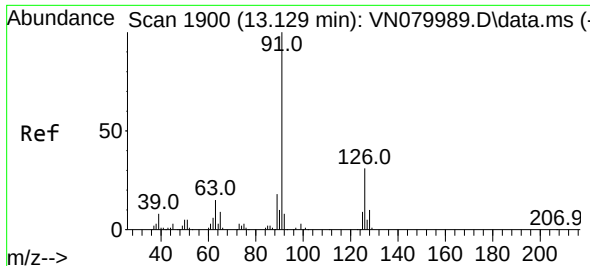
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#74
n-propylbenzene
Concen: 18.971 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 91 Resp: 520516
Ion Ratio Lower Upper
91 100
120 21.3 0.0 42.0





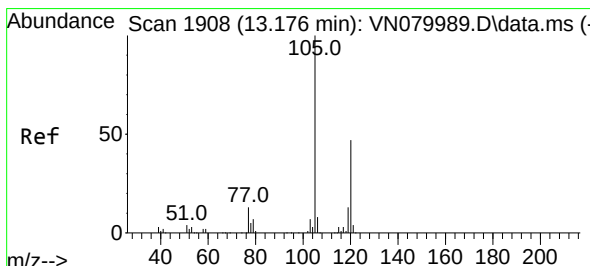
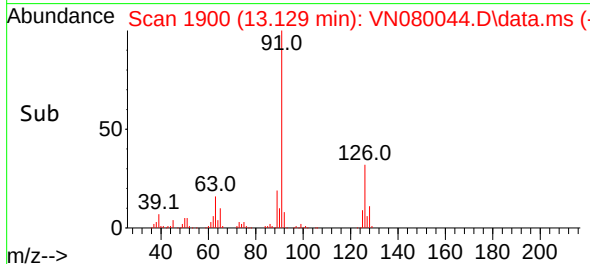
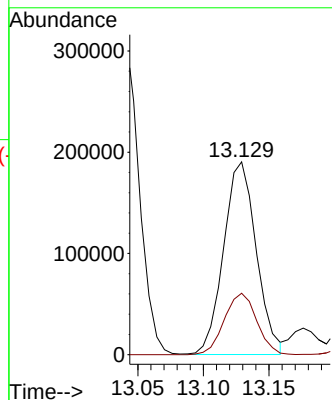
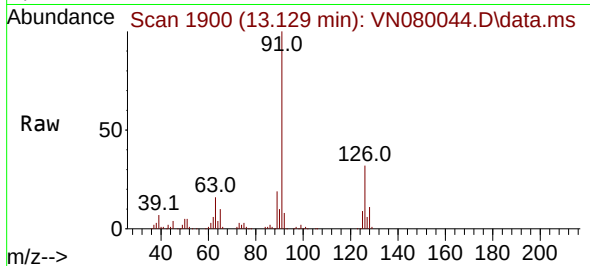
#75
2-Chlorotoluene
Concen: 18.943 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 91 Resp: 33036
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.6

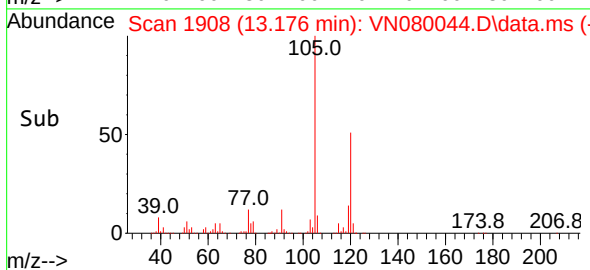
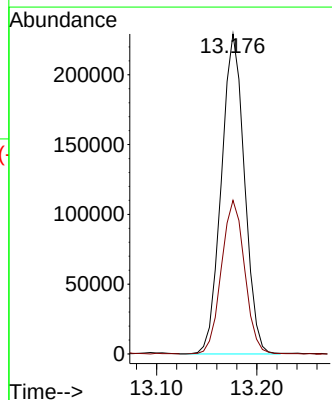
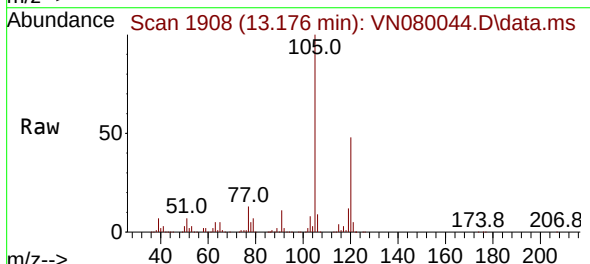
Manual Integrations
APPROVED

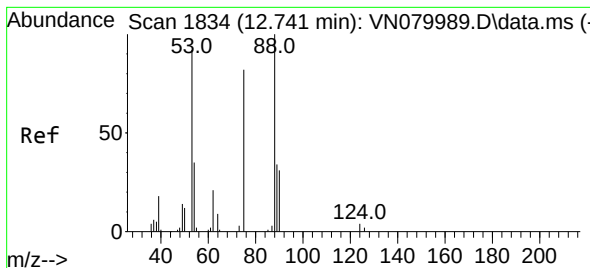
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.350 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion:105 Resp: 367071
Ion Ratio Lower Upper
105 100
120 48.3 0.0 93.2





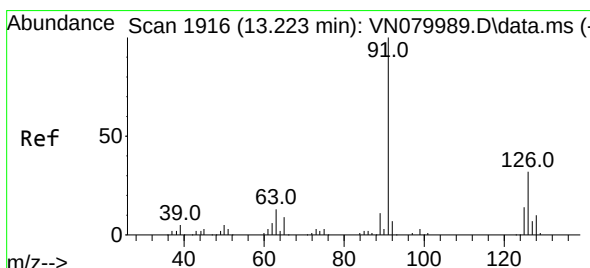
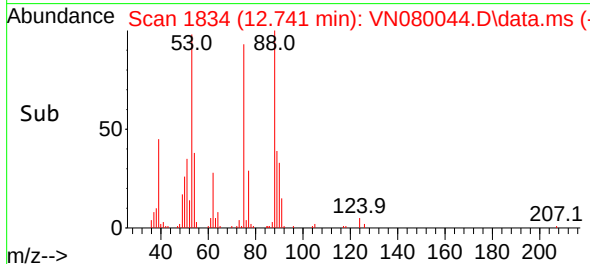
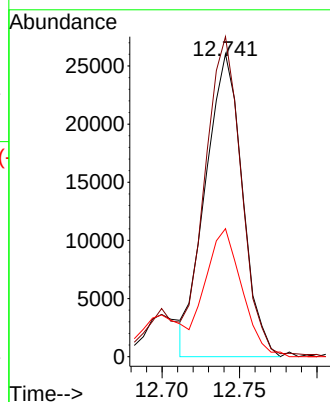
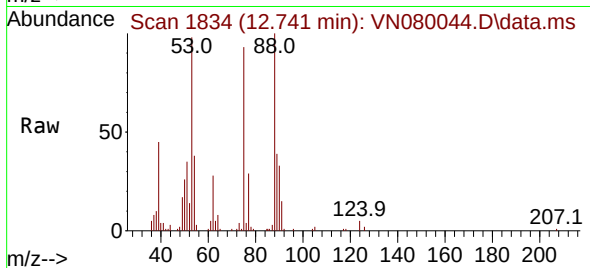
#77
t-1,4-Dichloro-2-butene
Concen: 18.213 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 75 Resp: 43280
Ion Ratio Lower Upper
75 100
53 104.7 53.0 159.1
89 40.7 22.6 67.7

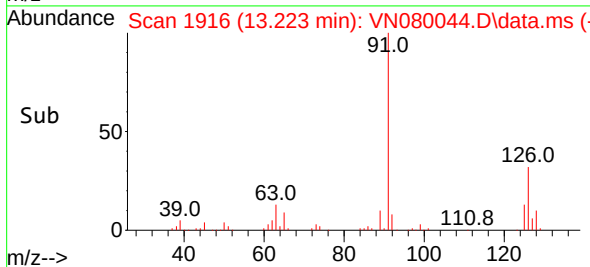
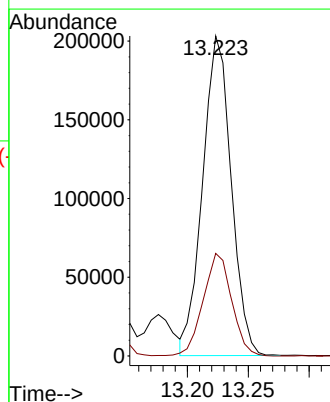
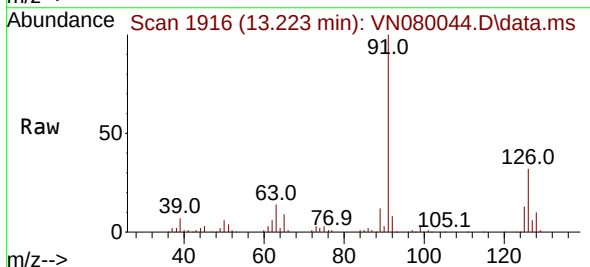
Manual Integrations
APPROVED

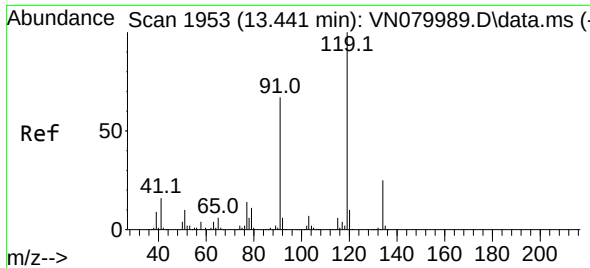
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#78
4-Chlorotoluene
Concen: 19.144 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 91 Resp: 331593
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.4





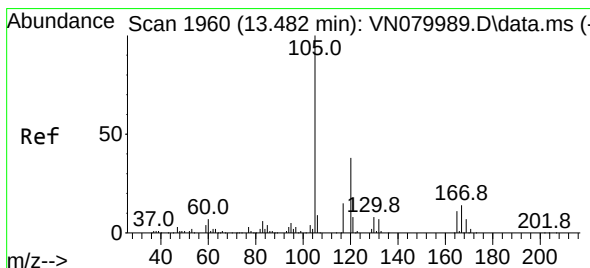
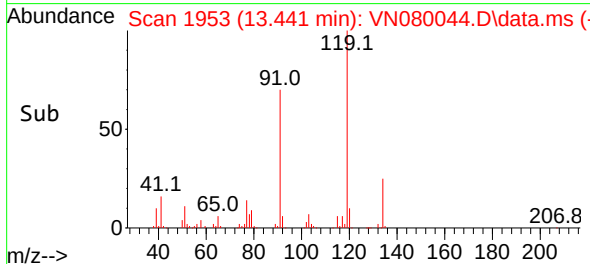
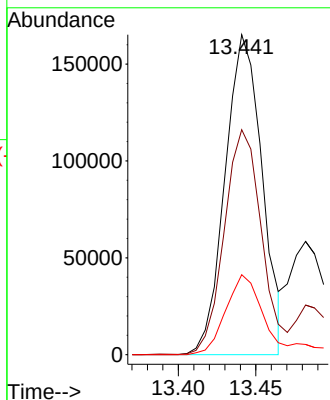
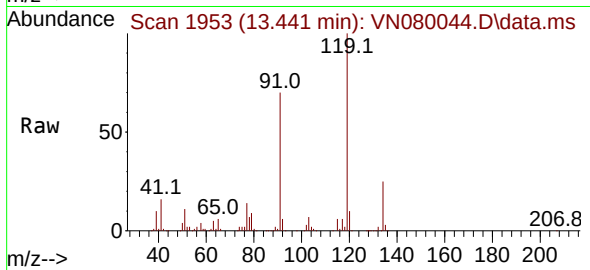
#79
tert-butylbenzene
Concen: 18.502 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:119 Resp: 27486
Ion Ratio Lower Upper
119 100
91 70.7 0.0 140.6
134 24.4 0.0 49.8

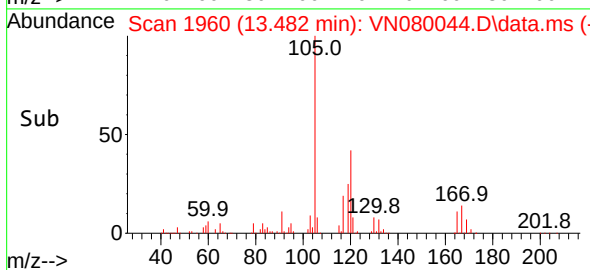
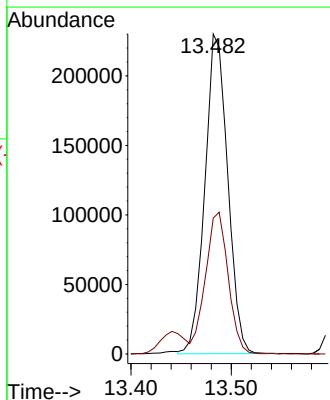
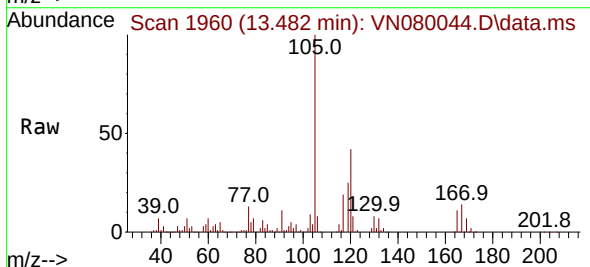
Manual Integrations
APPROVED

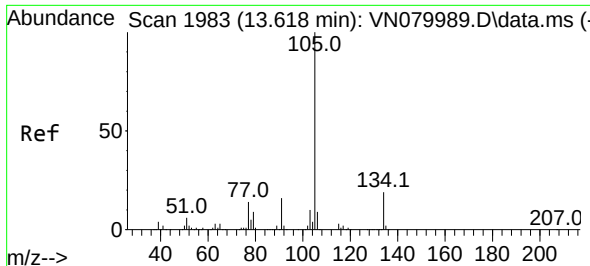
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.571 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion:105 Resp: 364041
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.6





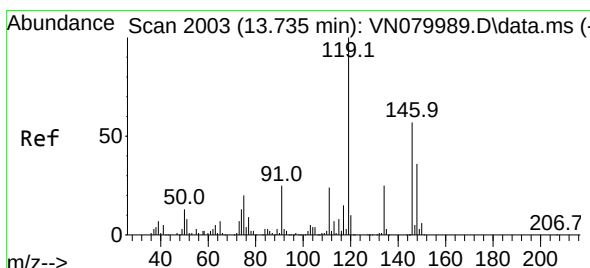
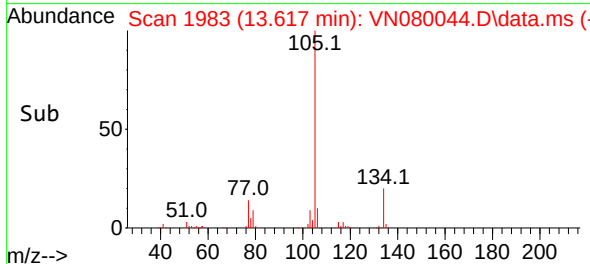
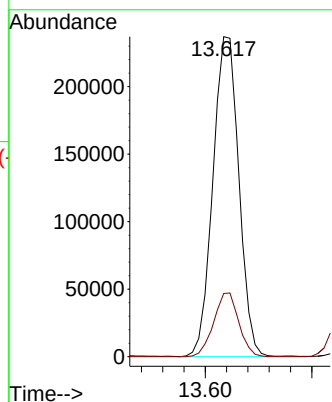
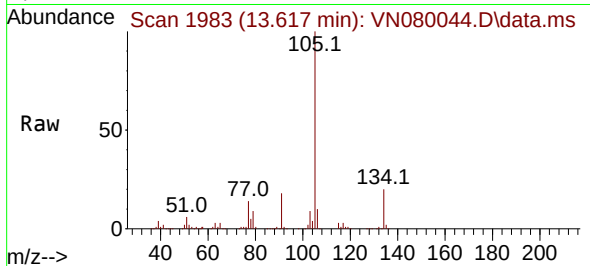
#81
 sec-Butylbenzene
 Concen: 19.126 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080044.D
 Acq: 10 Nov 2023 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tgt Ion:105 Resp: 40108
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.2

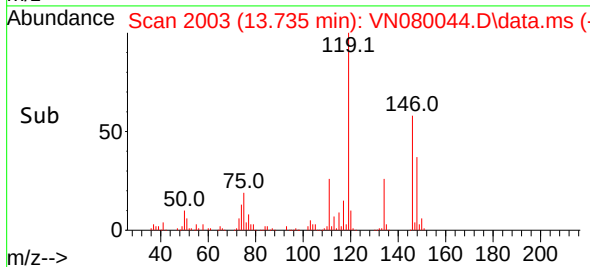
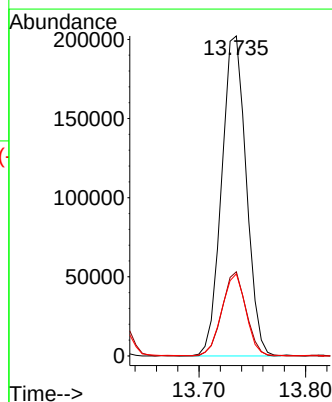
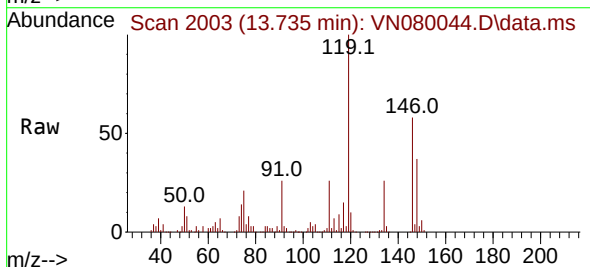
Manual Integrations
 APPROVED

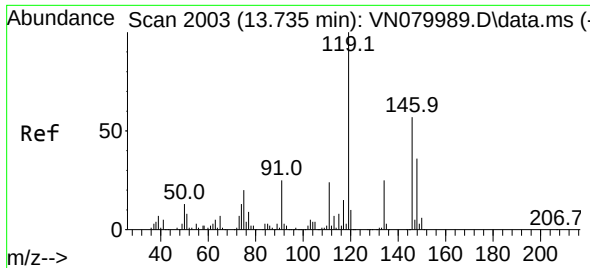
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#82
 p-Isopropyltoluene
 Concen: 19.048 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080044.D
 Acq: 10 Nov 2023 10:58

Tgt Ion:119 Resp: 324404
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.2
 91 25.2 0.0 50.0





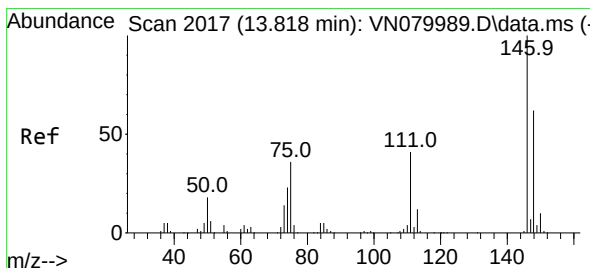
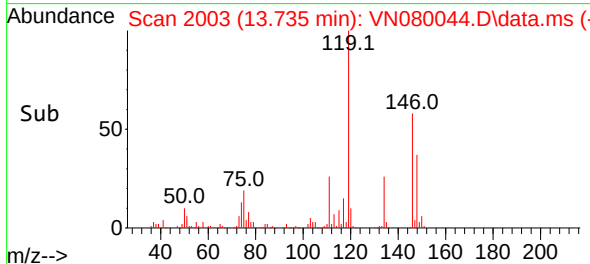
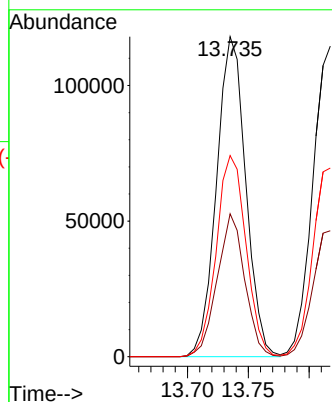
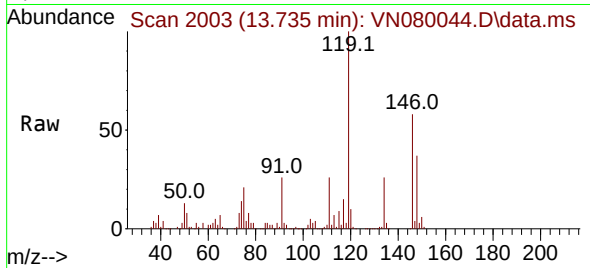
#83
1,3-Dichlorobenzene
Concen: 19.170 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:146 Resp: 19695
Ion Ratio Lower Upper
146 100
111 42.2 21.0 63.0
148 64.0 32.4 97.0

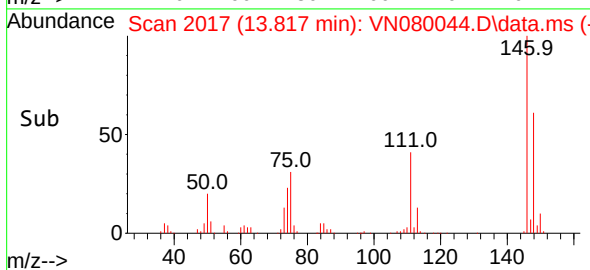
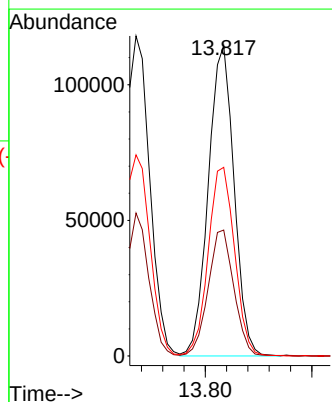
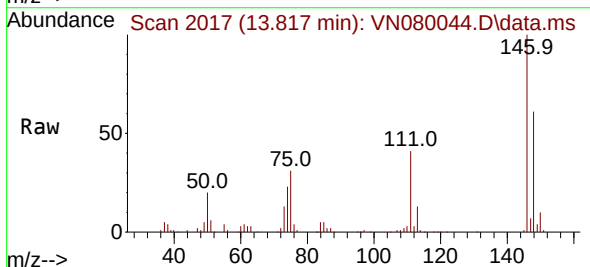
Manual Integrations
APPROVED

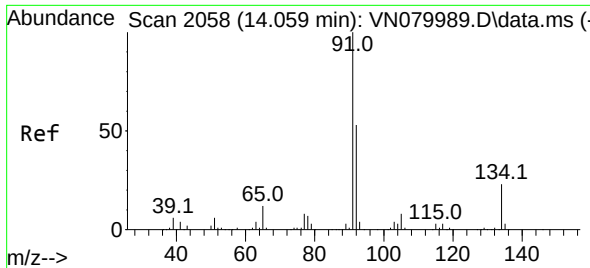
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#84
1,4-Dichlorobenzene
Concen: 19.049 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

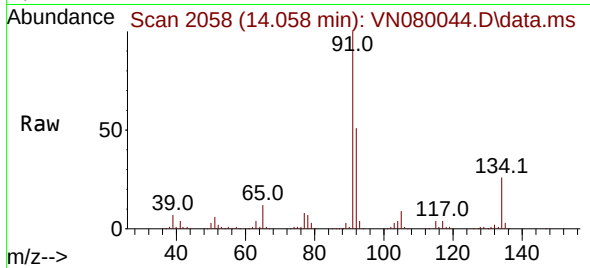
Tgt Ion:146 Resp: 192097
Ion Ratio Lower Upper
146 100
111 40.5 19.9 59.7
148 62.0 32.6 97.7





#85
n-Butylbenzene
Concen: 18.198 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

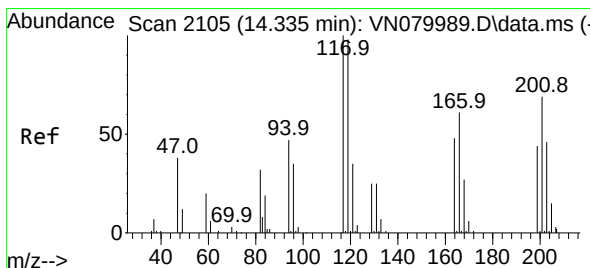
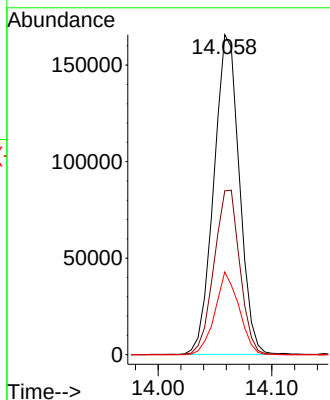
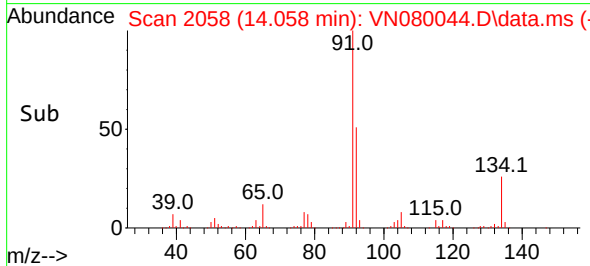
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 91 Resp: 259224
Ion Ratio Lower Upper
91 100
92 51.9 0.0 99.6
134 24.3 0.0 46.2

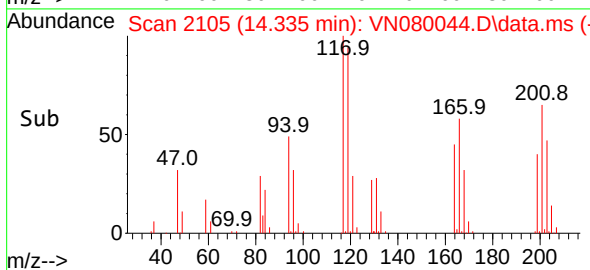
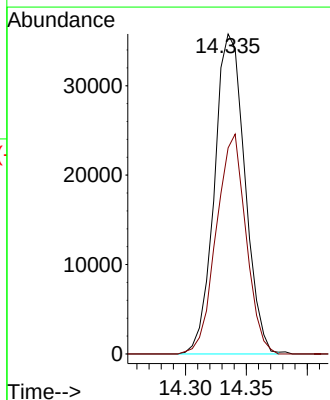
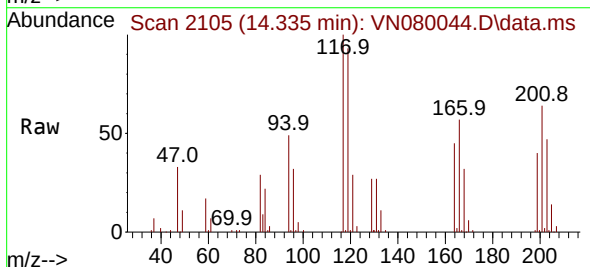
Manual Integrations
APPROVED

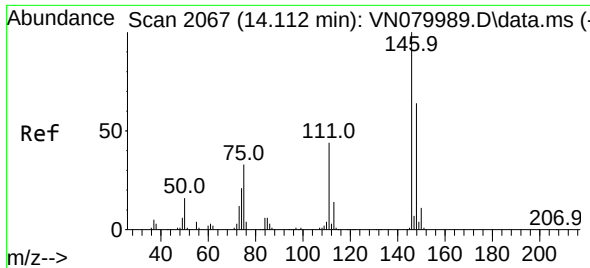
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#86
Hexachloroethane
Concen: 18.823 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

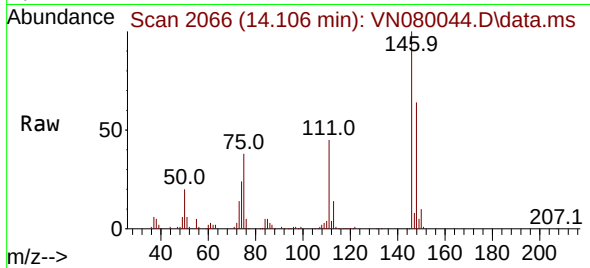
Tgt Ion:117 Resp: 62337
Ion Ratio Lower Upper
117 100
201 67.0 32.5 97.5





#87
1,2-Dichlorobenzene
Concen: 18.970 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.005 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

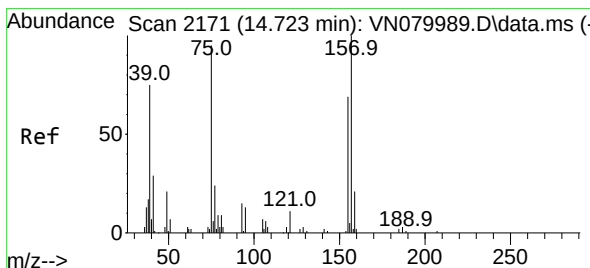
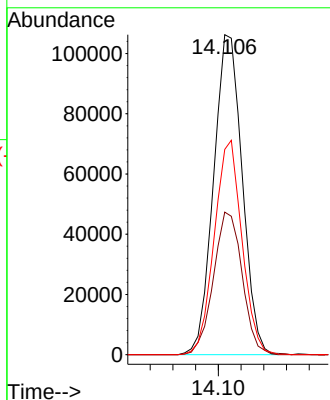
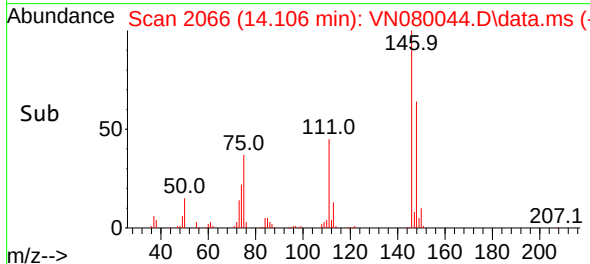
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion:146 Resp: 18620
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 64.8 31.1 93.5

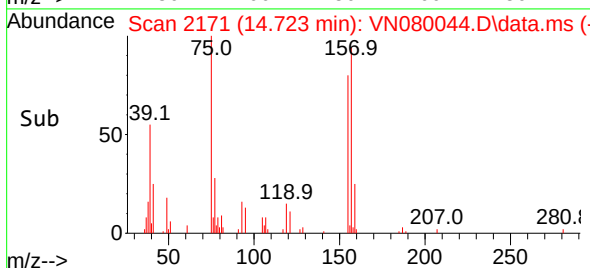
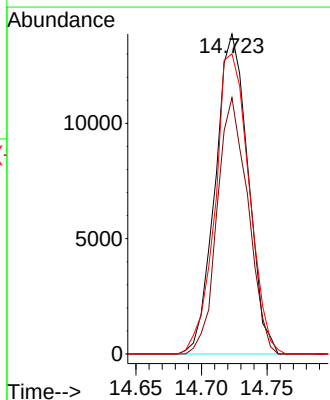
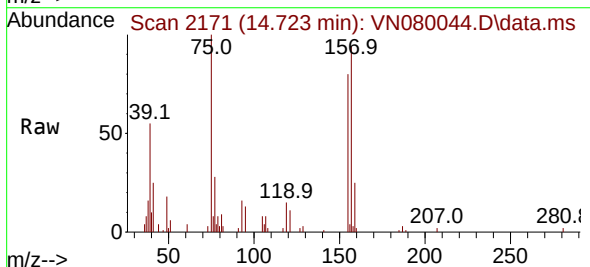
Manual Integrations
APPROVED

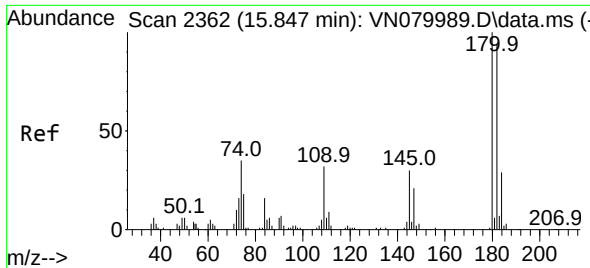
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.907 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Tgt Ion: 75 Resp: 24152
Ion Ratio Lower Upper
75 100
155 75.2 60.7 91.1
157 96.8 76.8 115.2





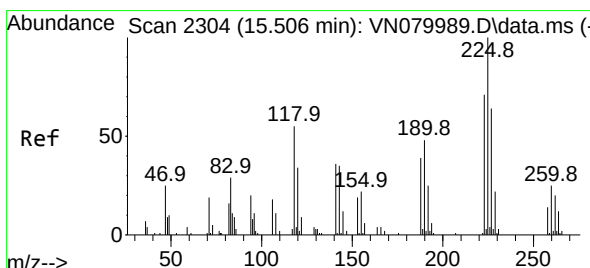
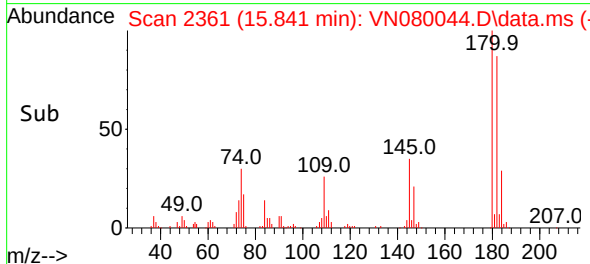
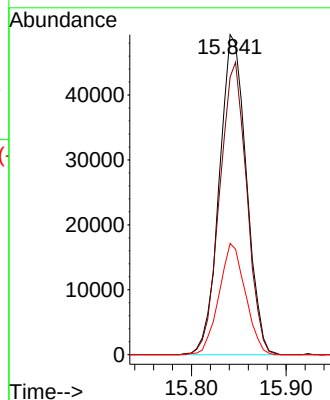
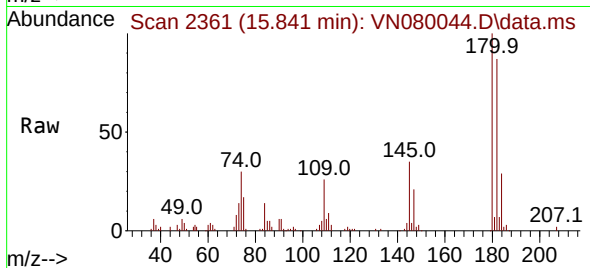
#89
1,2,4-Trichlorobenzene
Concen: 21.525 ug/l
RT: 15.841 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:180 Resp: 9788
Ion Ratio Lower Upper
180 100
182 91.2 74.2 111.4
145 34.0 25.4 38.2

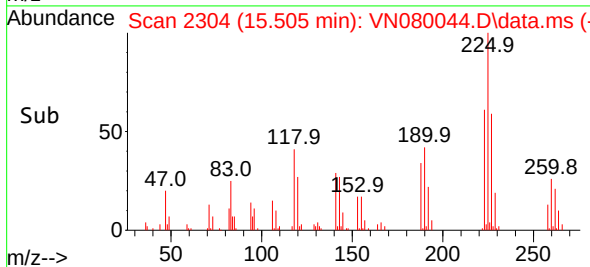
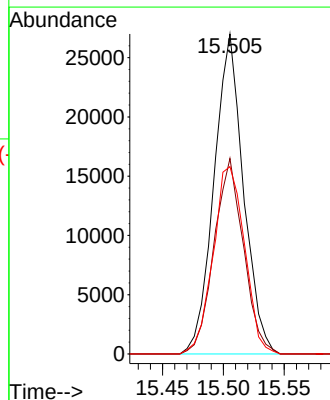
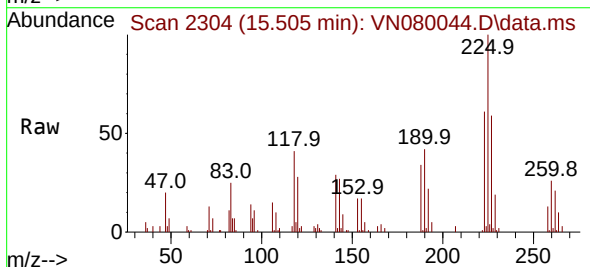
Manual Integrations
APPROVED

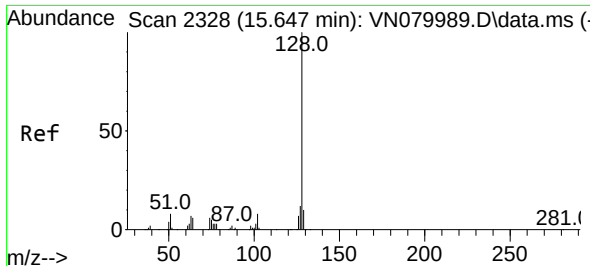
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#90
Hexachlorobutadiene
Concen: 20.274 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

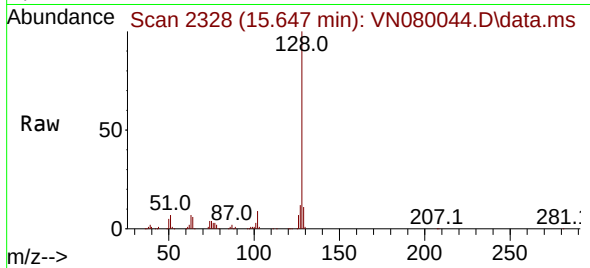
Tgt Ion:225 Resp: 45436
Ion Ratio Lower Upper
225 100
223 61.1 0.0 126.0
227 62.7 0.0 127.0





#91
Naphthalene
Concen: 18.498 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58

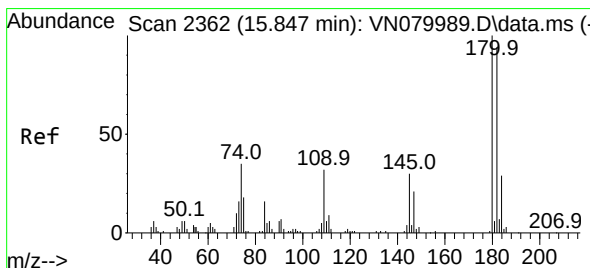
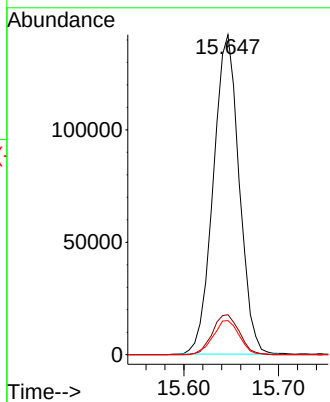
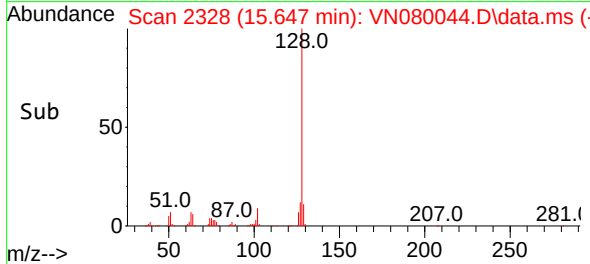
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



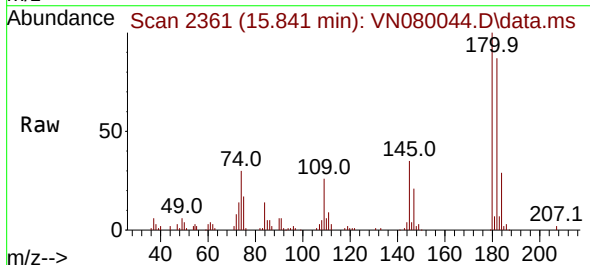
Tgt Ion:128 Resp: 26995
Ion Ratio Lower Upper
128 100
127 13.0 10.9 16.3
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#92
1,2,3-Trichlorobenzene
Concen: 21.525 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080044.D
Acq: 10 Nov 2023 10:58



Tgt Ion:180 Resp: 97883
Ion Ratio Lower Upper
180 100
182 91.2 0.0 185.6
145 34.0 0.0 63.6

