

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111023\
 Data File : VN080053.D
 Acq On : 10 Nov 2023 16:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 10 23:58:45 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.818	128	86474	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	489923	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	499702	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	223277	30.759	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.533%			
60) 4-Bromofluorobenzene	12.853	95	201588	25.227	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.100%			
63) Toluene-d8	10.571	98	653536	27.602	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 92.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	138979	24.649	ug/l	98
3) Chloromethane	2.360	50	151304	21.302	ug/l	97
4) Vinyl Chloride	2.512	62	144992	24.427	ug/l	97
5) Bromomethane	2.959	94	71638	22.043	ug/l	96
6) Chloroethane	3.118	64	84681	24.563	ug/l	91
7) Trichlorofluoromethane	3.501	101	204598	22.968	ug/l	97
8) Diethyl Ether	3.959	74	74850	23.406	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	115860	23.021	ug/l	95
10) 1,1-Dichloroethene	4.342	96	111761	25.102	ug/l	89
11) Methyl Iodide	4.589	142	126238	21.437	ug/l	92
12) Methyl Acetate	5.024	43	240193	20.809	ug/l	97
13) Acrolein	4.183	56	94911	97.321	ug/l	99
14) Acrylonitrile	5.718	53	305817	111.546	ug/l	97
15) Acetone	4.424	58	76508	82.645	ug/l	94
16) Carbon Disulfide	4.712	76	325315	21.398	ug/l	99
17) Allyl chloride	5.024	41	166555	21.409	ug/l	85
18) Methylene Chloride	5.277	84	136546	22.870	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	126546	22.931	ug/l	98
20) Diisopropyl ether	6.671	45	379046	20.849	ug/l	98
21) 1,1-Dichloroethane	6.571	63	229318	21.132	ug/l	98
22) cis-1,2-Dichloroethene	7.489	96	132448	20.682	ug/l	97
23) tert-Butyl Alcohol	5.518	59	72390	97.822	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	378661	23.099	ug/l	93
25) Chloroform	7.965	83	240364	21.457	ug/l	92
26) Cyclohexane	8.259	56	168453	19.732	ug/l #	95
29) 1,1-Dichloropropene	8.371	75	172270	20.488	ug/l	99
30) 2-Butanone	7.483	43	351549	87.545	ug/l	99
31) 2,2-Dichloropropane	7.489	77	188743	20.769	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	203536	21.204	ug/l	99
33) Carbon Tetrachloride	8.359	117	178582	21.166	ug/l	98
34) Benzene	8.606	78	511533	20.479	ug/l	99
35) Methacrylonitrile	7.783	41	82344	19.559	ug/l	93
36) 1,2-Dichloroethane	8.671	62	188928	20.900	ug/l	100
37) Trichloroethene	9.353	130	125052	20.818	ug/l	98
38) Methylcyclohexane	9.600	83	157637	19.966	ug/l	98
39) 1,2-Dichloropropane	9.624	63	135898	20.556	ug/l	97
40) Dibromomethane	9.706	93	89528	20.950	ug/l	98
41) Bromodichloromethane	9.888	83	199489	22.539	ug/l	98
42) Vinyl Acetate	6.606	43	985096	98.763	ug/l	99

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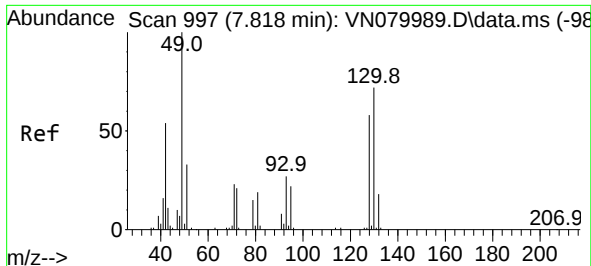
Manual Integrations
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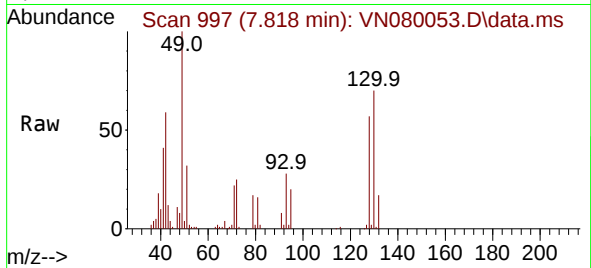
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	145197	19.248	ug/l	96
44) Isopropyl Acetate	8.688	43	244168	19.865	ug/l	96
45) 1,4-Dioxane	9.694	88	37418	395.019	ug/l	96
46) Methyl methacrylate	9.683	41	119919	20.296	ug/l	94
47) n-amyl Acetate	12.494	43	167656	16.981	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	203763	22.542	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	232485	23.266	ug/l #	85
50) 1,1,2-Trichloroethane	11.018	97	123428	21.173	ug/l	97
51) Ethyl methacrylate	10.871	69	175956	21.000	ug/l	88
52) 1,3-Dichloropropane	11.165	76	223320	21.428	ug/l	100
53) Dibromochloromethane	11.359	129	135403	21.712	ug/l	100
54) 1,2-Dibromoethane	11.471	107	135309	23.116	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	468472	121.565	ug/l	98
56) Bromoform	12.582	173	76153	18.635	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	819152	98.122	ug/l	95
59) 2-Hexanone	11.200	43	509529	80.121	ug/l	93
61) Tetrachloroethene	11.106	164	123900	21.149	ug/l	98
62) Toluene	10.635	91	603583	20.884	ug/l	98
64) Chlorobenzene	11.894	112	353700	20.508	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	134100	21.196	ug/l	97
66) Ethyl Benzene	11.965	91	632662	20.832	ug/l	100
67) m/p-Xylenes	12.077	106	386890	34.217	ug/l	93
68) o-Xylene	12.400	106	184583	17.032	ug/l	98
69) Styrene	12.412	104	310258	17.294	ug/l	99
70) Isopropylbenzene	12.700	105	469050	17.351	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	146213	15.880	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	134283m	15.696	ug/l	
73) Bromobenzene	12.982	156	114076	17.165	ug/l	99
74) n-propylbenzene	13.035	91	544492	16.837	ug/l	99
75) 2-Chlorotoluene	13.129	91	349943	17.024	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	402657	18.008	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	45101	16.100	ug/l	90
78) 4-Chlorotoluene	13.224	91	352059	17.245	ug/l	97
79) tert-butylbenzene	13.441	119	313925	17.928	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	397833	18.145	ug/l	99
81) sec-Butylbenzene	13.618	105	436735	17.669	ug/l	99
82) p-Isopropyltoluene	13.735	119	367575	18.311	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	208762	17.239	ug/l	97
84) 1,4-Dichlorobenzene	13.818	146	205525	17.291	ug/l	97
85) n-Butylbenzene	14.059	91	296437	17.656	ug/l	96
86) Hexachloroethane	14.335	117	67022	17.170	ug/l	93
87) 1,2-Dichlorobenzene	14.106	146	199010	17.201	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	28180	16.736	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	93843	17.508	ug/l	97
90) Hexachlorobutadiene	15.500	225	51211	19.387	ug/l	100
91) Naphthalene	15.647	128	295339	17.170	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	93843	17.508	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

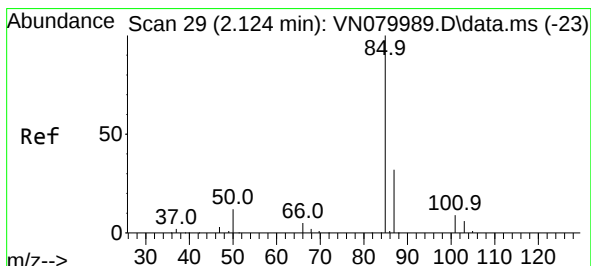
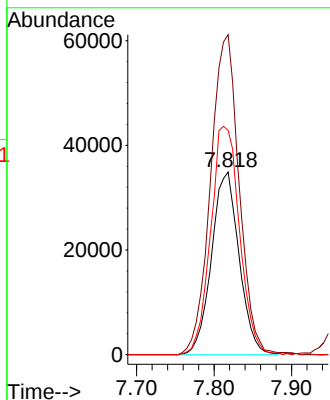
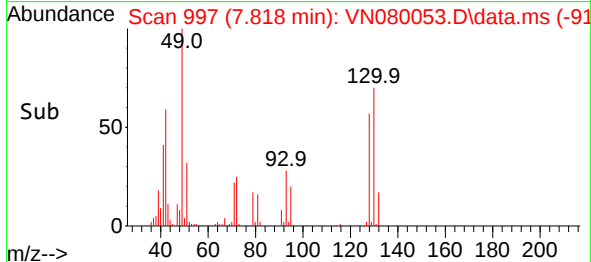
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 86474
Ion Ratio Lower Upper
128 100
49 181.3 0.0 468.5
130 130.9 0.0 320.7

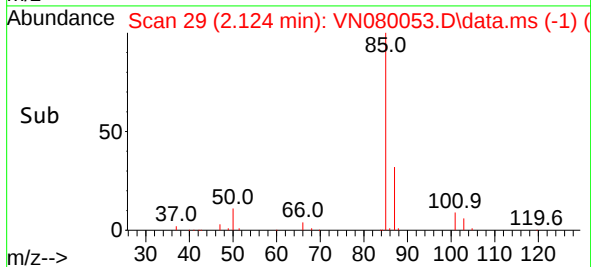
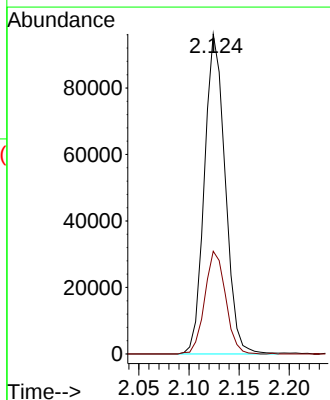
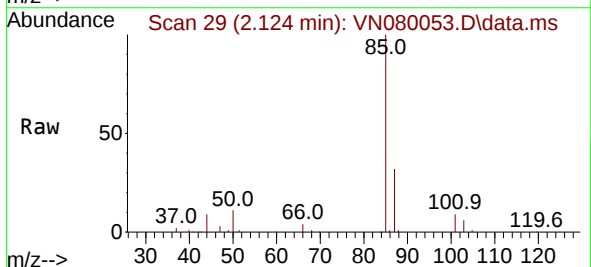
Manual Integrations
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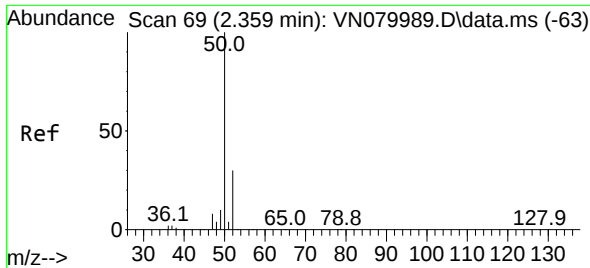
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#2
Dichlorodifluoromethane
Concen: 24.649 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 85 Resp: 138979
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.7





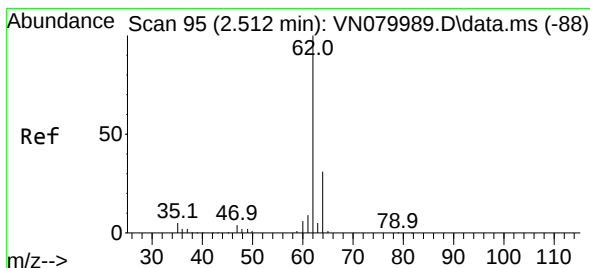
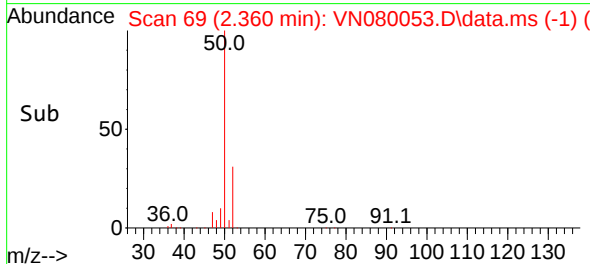
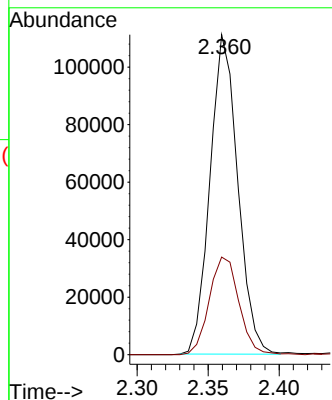
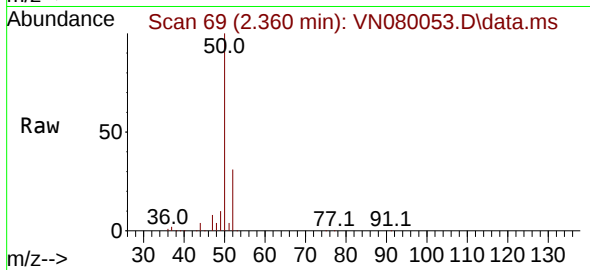
#3
Chloromethane
Concen: 21.302 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 151304
Ion Ratio Lower Upper
50 100
52 30.6 25.6 38.4

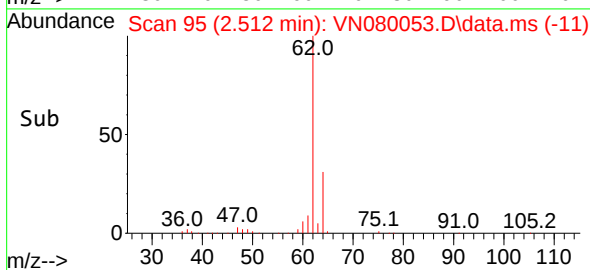
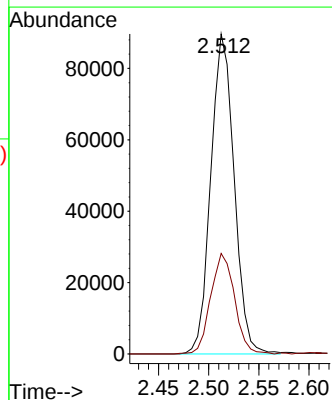
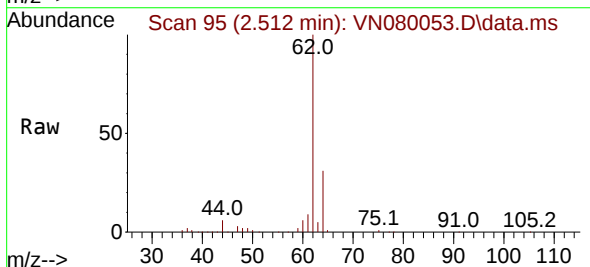
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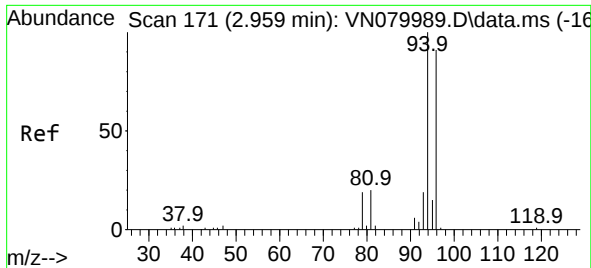
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#4
Vinyl Chloride
Concen: 24.427 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 62 Resp: 144992
Ion Ratio Lower Upper
62 100
64 31.2 26.4 39.6





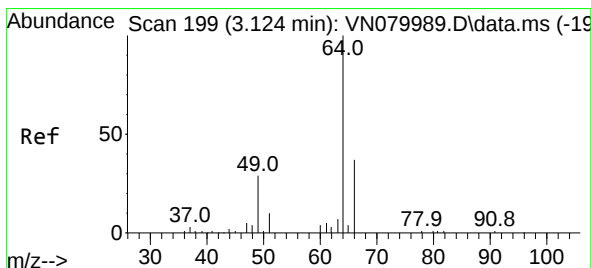
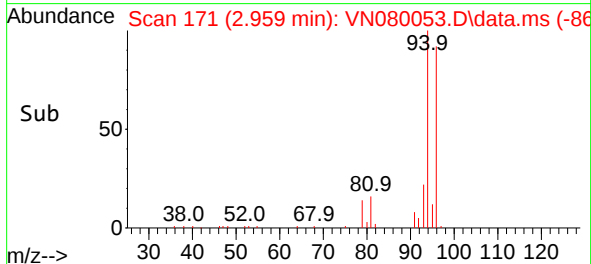
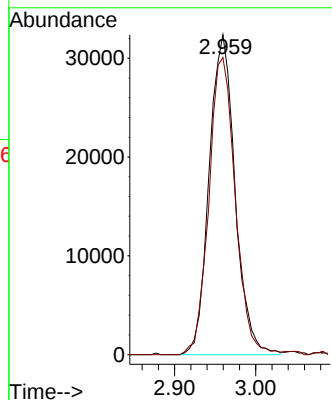
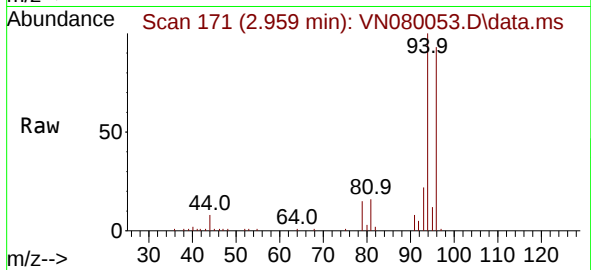
#5
Bromomethane
Concen: 22.043 ug/l
RT: 2.959 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 71638
Ion Ratio Lower Upper
94 100
96 92.9 77.8 116.6

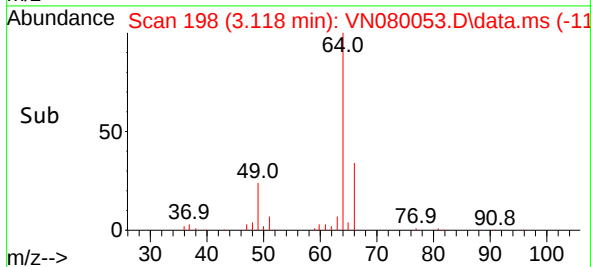
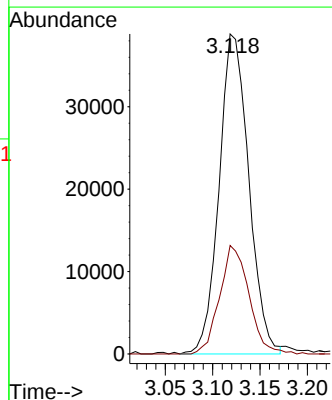
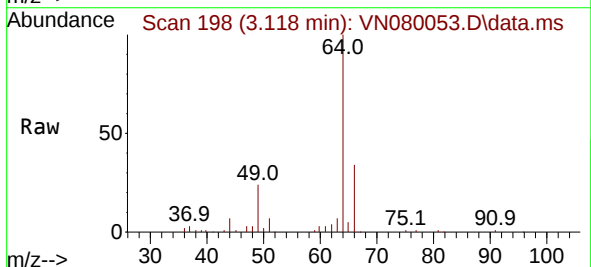
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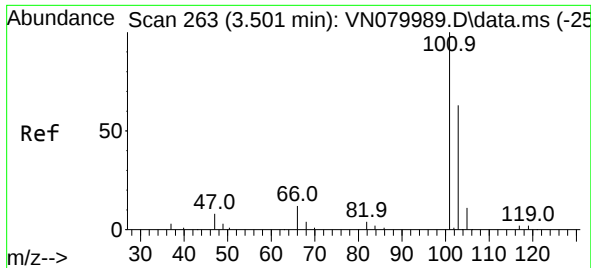
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#6
Chloroethane
Concen: 24.563 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

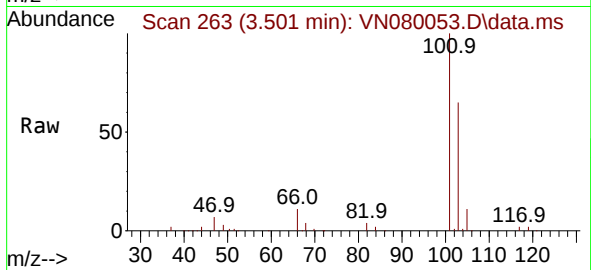
Tgt Ion: 64 Resp: 84681
Ion Ratio Lower Upper
64 100
66 33.9 23.3 34.9





#7
Trichlorofluoromethane
Concen: 22.968 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.001 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

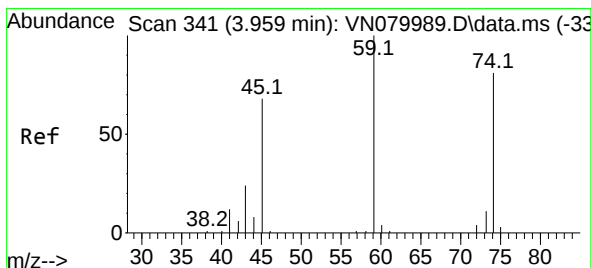
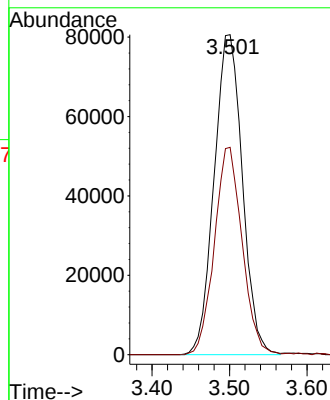
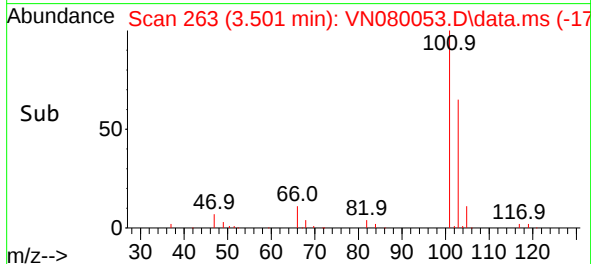
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Tgt Ion:101 Resp: 204598
Ion Ratio Lower Upper
101 100
103 64.8 49.9 74.9

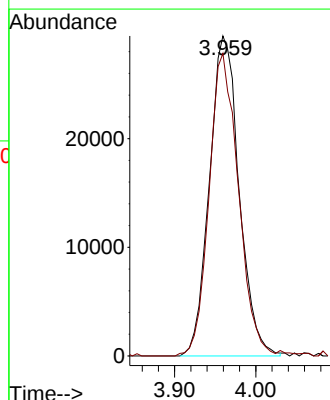
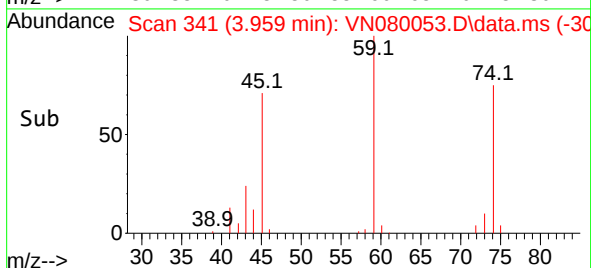
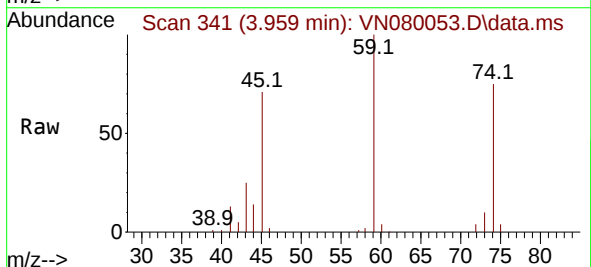
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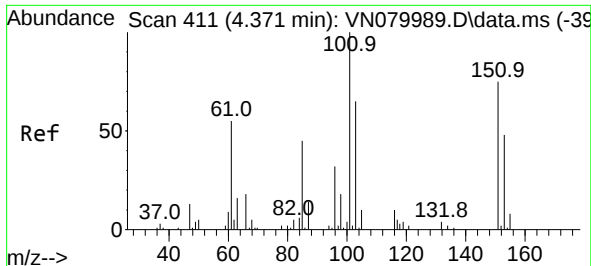
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#8
Diethyl Ether
Concen: 23.406 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 74 Resp: 74850
Ion Ratio Lower Upper
74 100
45 93.0 19.0 171.0





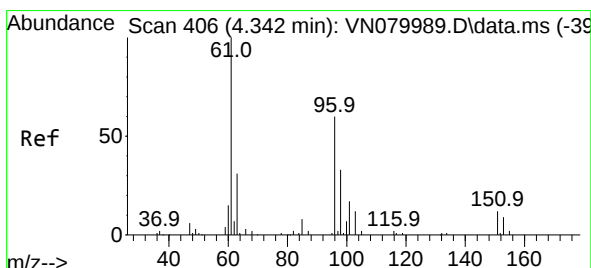
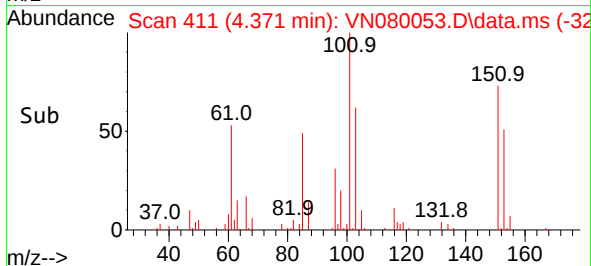
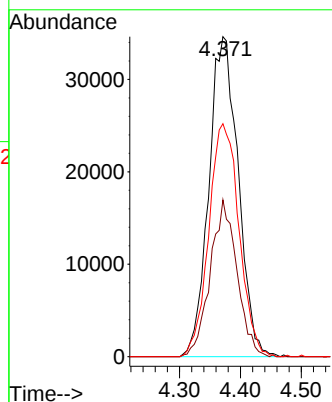
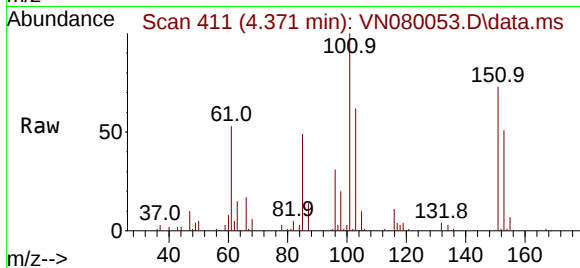
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.021 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 115860
Ion Ratio Lower Upper
101 100
85 44.5 0.0 92.0
151 75.0 0.0 138.4

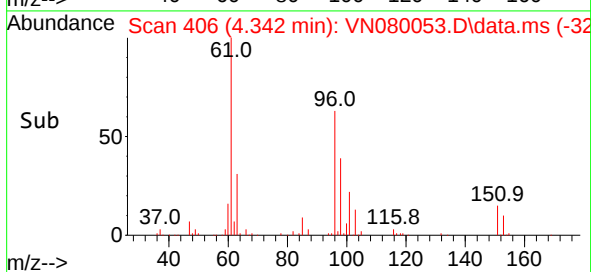
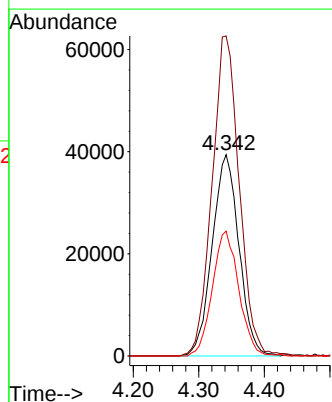
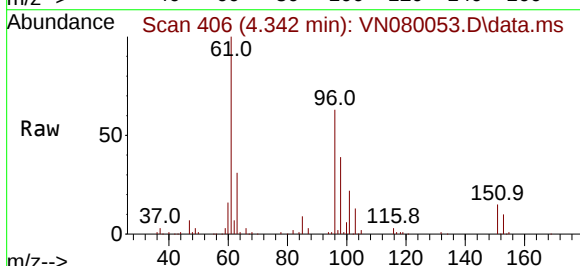
Manual Integrations
APPROVED

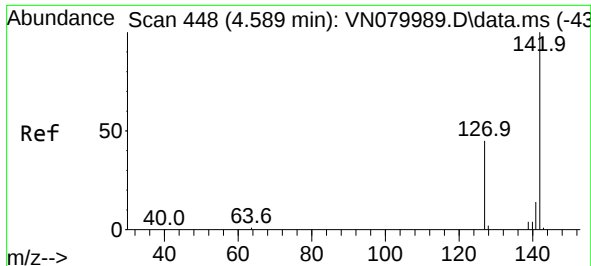
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#10
1,1-Dichloroethene
Concen: 25.102 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 96 Resp: 111761
Ion Ratio Lower Upper
96 100
61 159.0 141.3 211.9
98 62.0 53.2 79.8





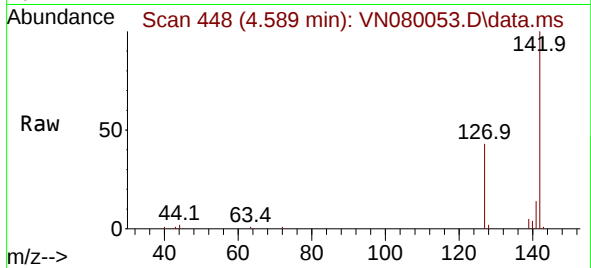
#11
Methyl Iodide
Concen: 21.437 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



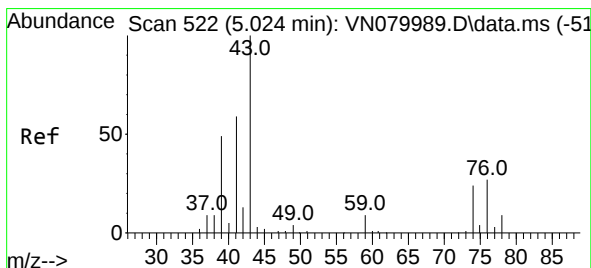
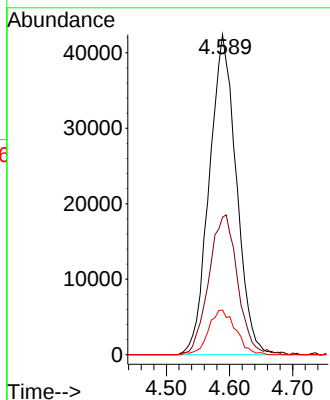
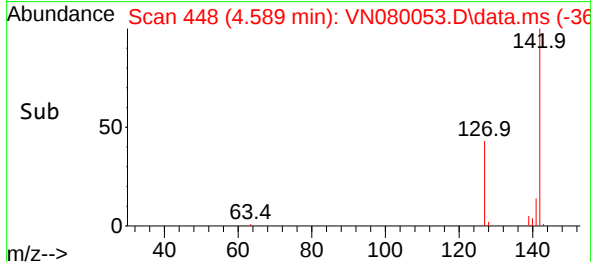
Tgt Ion:142 Resp: 126238
Ion Ratio Lower Upper
142 100
127 42.7 24.6 73.8
141 14.0 7.7 23.1

Manual Integrations

APPROVED

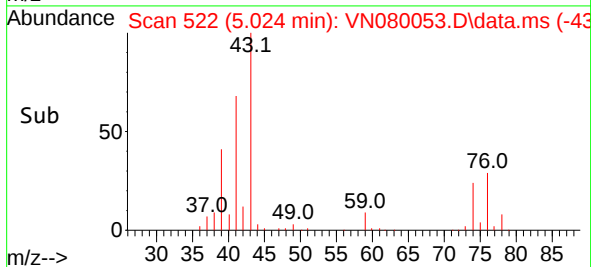
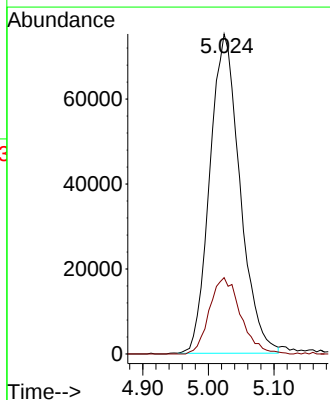
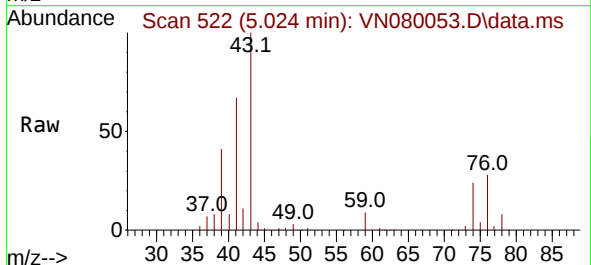
Reviewed By :John Carlone 11/13/2023

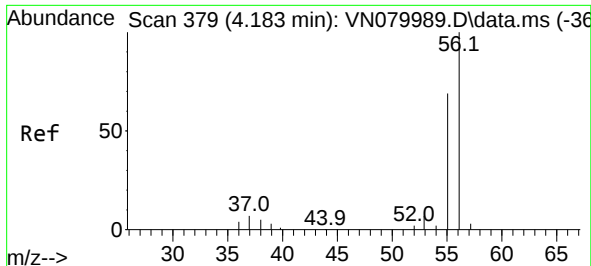
Supervised By :Mahesh Dadoda 11/13/2023



#12
Methyl Acetate
Concen: 20.809 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

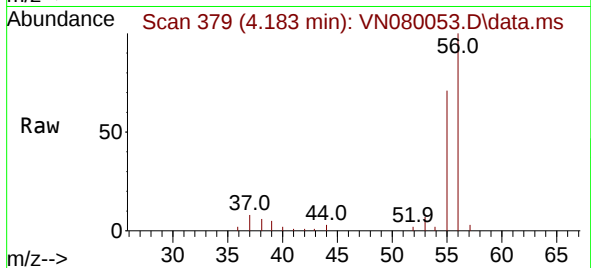
Tgt Ion: 43 Resp: 240193
Ion Ratio Lower Upper
43 100
74 23.8 18.1 27.1





#13
Acrolein
Concen: 97.321 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

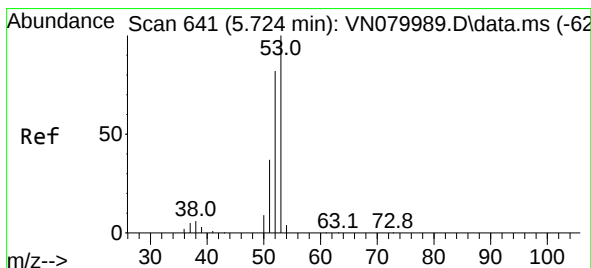
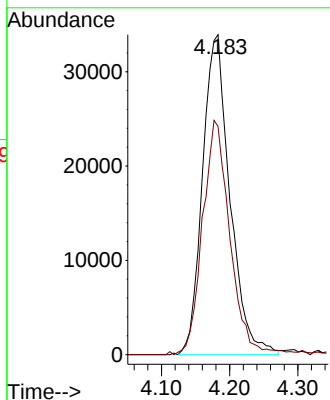
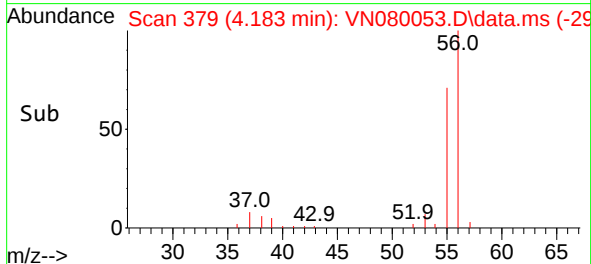
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



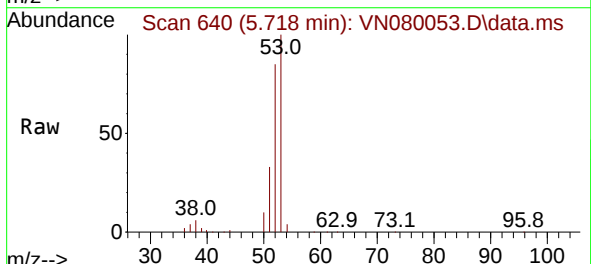
Tgt Ion: 56 Resp: 9491
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

Manual Integrations
APPROVED

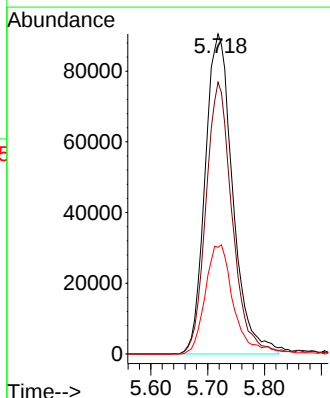
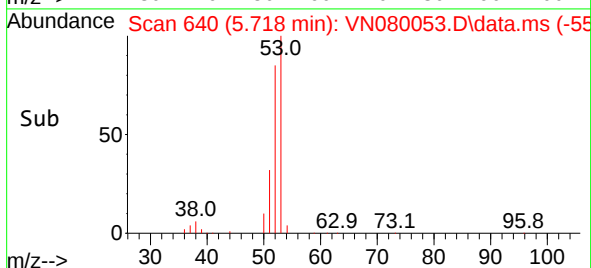
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

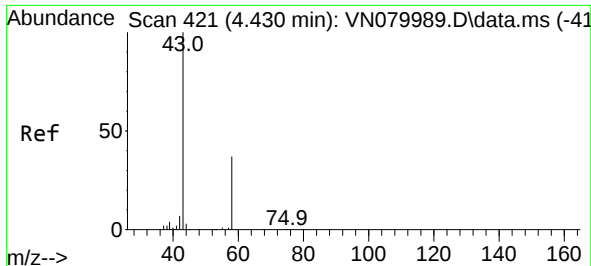


#14
Acrylonitrile
Concen: 111.546 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31



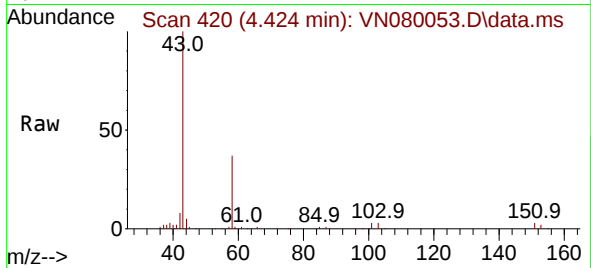
Tgt Ion: 53 Resp: 305817
Ion Ratio Lower Upper
53 100
52 80.9 41.6 124.9
51 33.9 17.8 53.3





#15
Acetone
Concen: 82.645 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

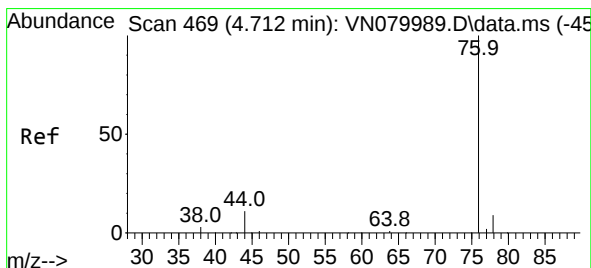
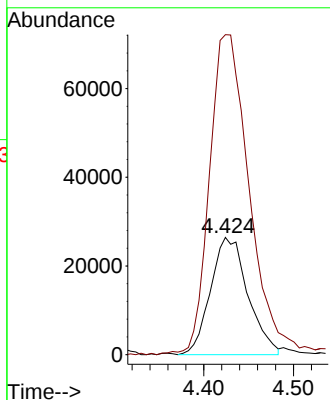
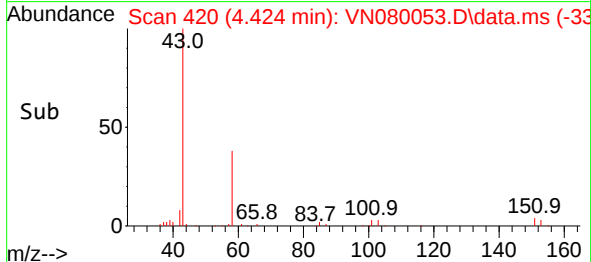
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 76508
Ion Ratio Lower Upper
58 100
43 270.7 225.2 337.8

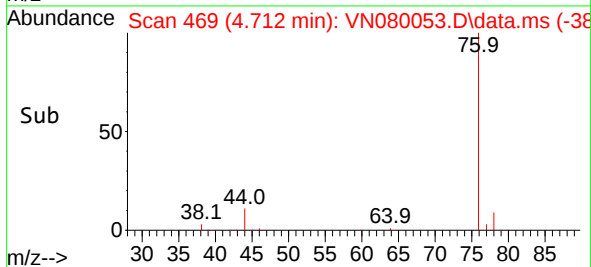
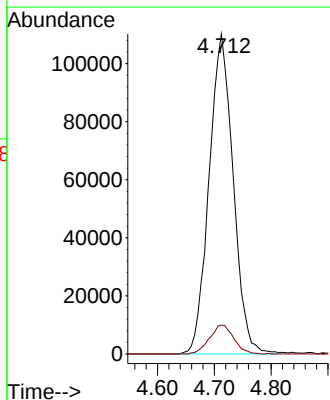
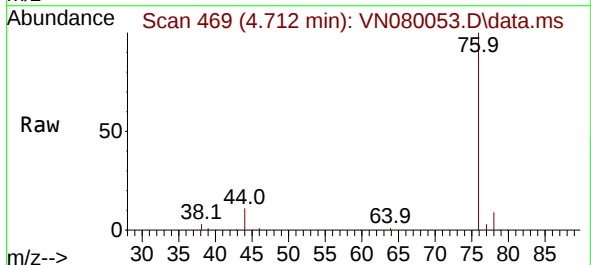
Manual Integrations
APPROVED

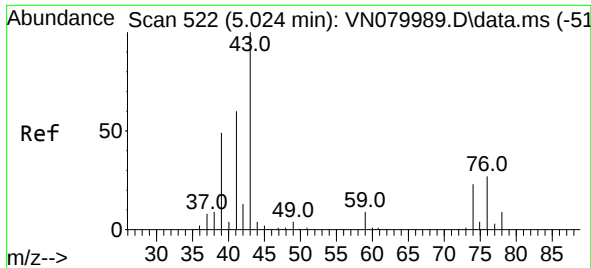
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
Carbon Disulfide
Concen: 21.398 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 76 Resp: 325315
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





#17
 Allyl chloride
 Concen: 21.409 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN080053.D
 Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

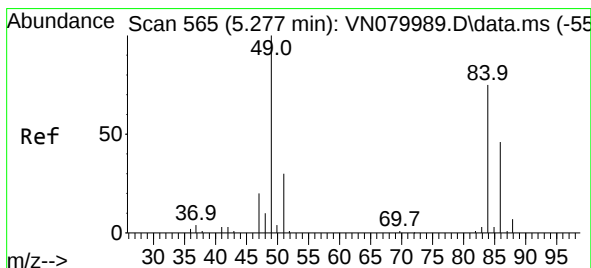
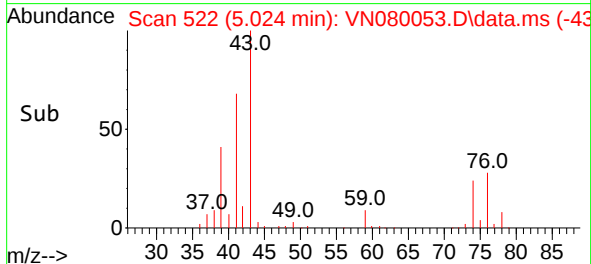
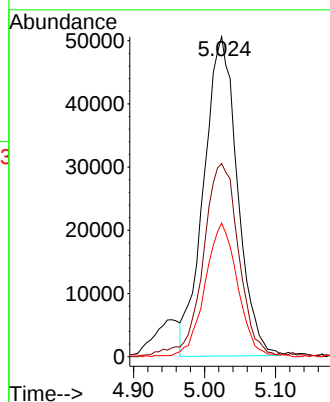
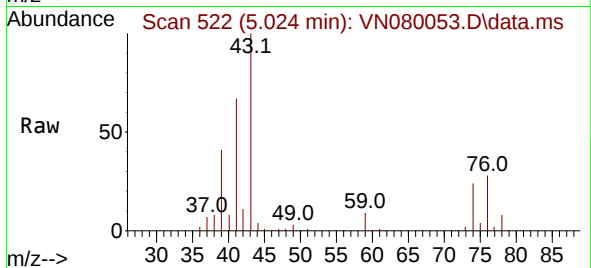
VSTDCCC020EC

Tgt Ion: 41 Resp: 16655
 Ion Ratio Lower Upper
 41 100
 39 59.6 38.4 115.2
 76 41.6 19.5 58.5

Manual Integrations

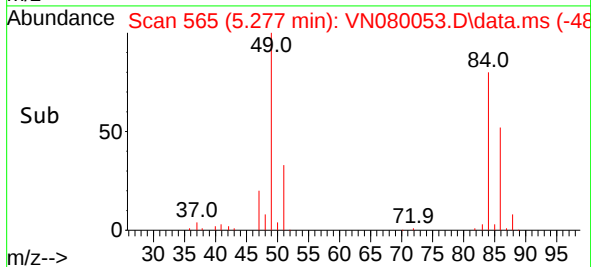
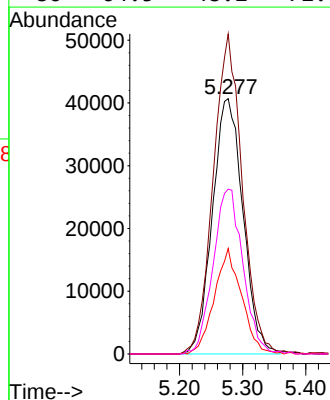
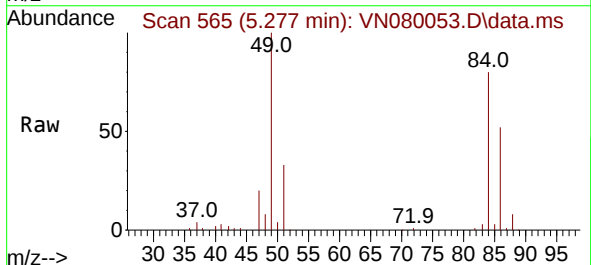
APPROVED

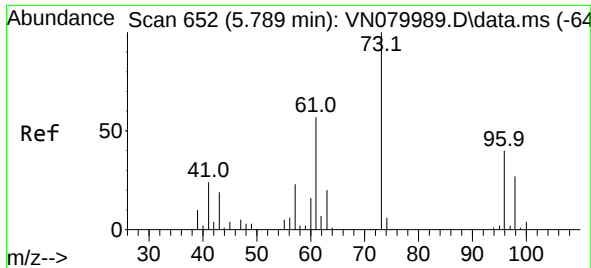
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#18
 Methylene Chloride
 Concen: 22.870 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN080053.D
 Acq: 10 Nov 2023 16:31

Tgt Ion: 84 Resp: 136546
 Ion Ratio Lower Upper
 84 100
 49 125.3 100.9 151.3
 51 41.3 29.4 44.2
 86 64.5 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 22.931 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 96 Resp: 126540

Ion Ratio Lower Upper

96 100

61 138.3 113.4 170.0

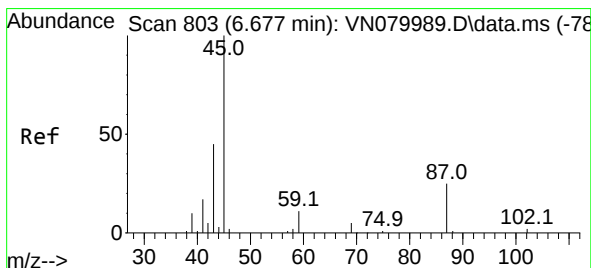
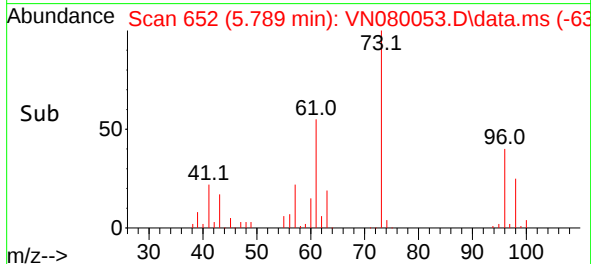
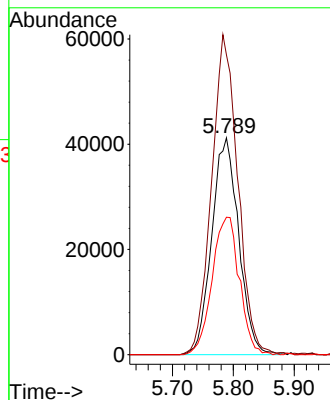
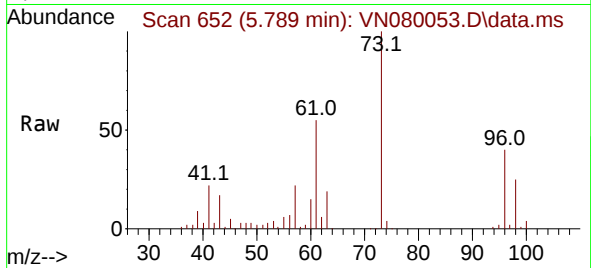
98 63.4 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#20

Diisopropyl ether

Concen: 20.849 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.012 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Tgt Ion: 45 Resp: 379046

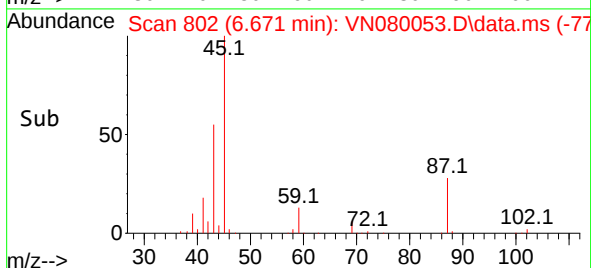
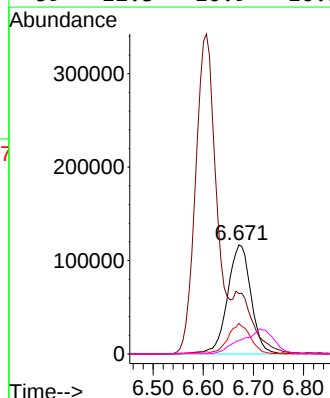
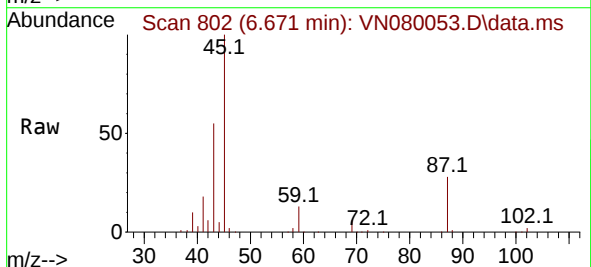
Ion Ratio Lower Upper

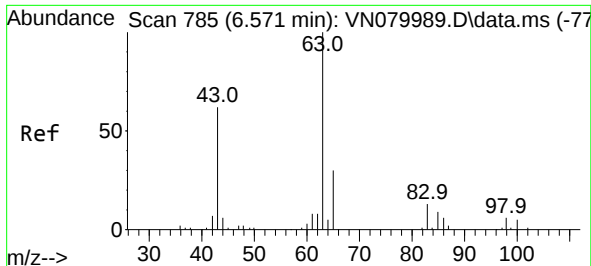
45 100

43 51.7 42.1 63.1

87 27.8 20.5 30.7

59 12.3 10.9 16.3





#21

1,1-Dichloroethane

Concen: 21.132 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 229318

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

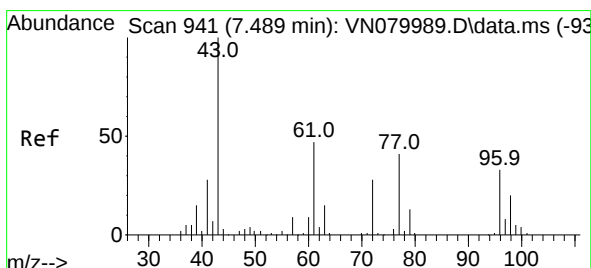
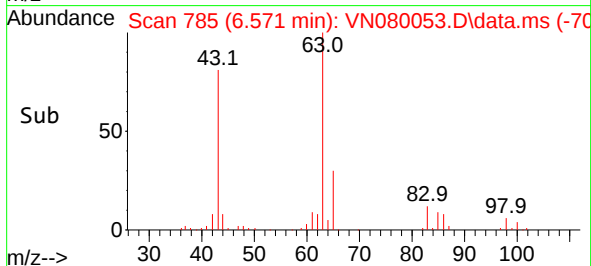
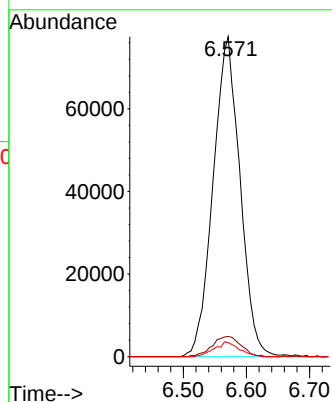
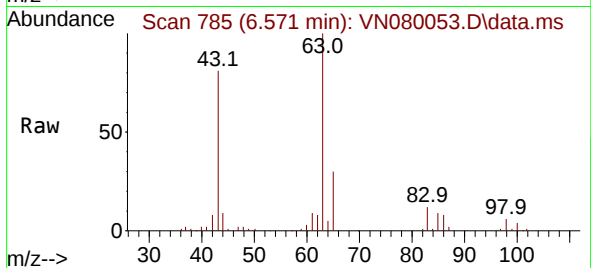
100 4.4 1.9 5.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#22

cis-1,2-Dichloroethene

Concen: 20.682 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

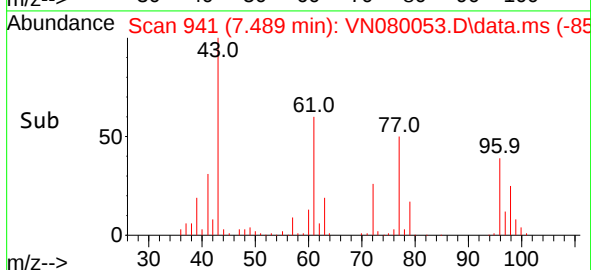
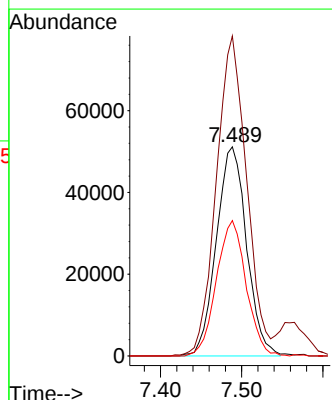
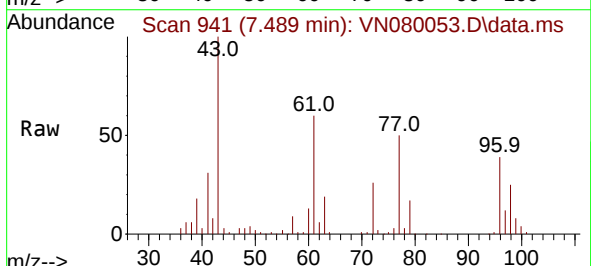
Tgt Ion: 96 Resp: 132448

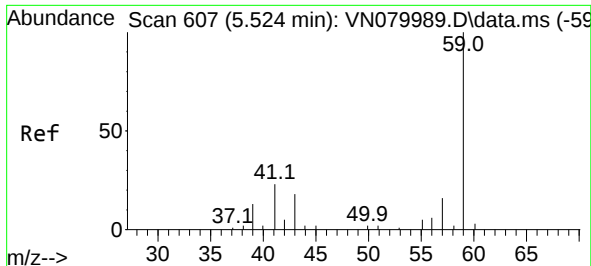
Ion Ratio Lower Upper

96 100

61 153.1 124.6 186.8

98 63.6 54.2 81.4





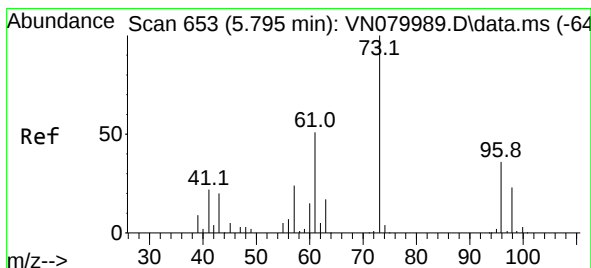
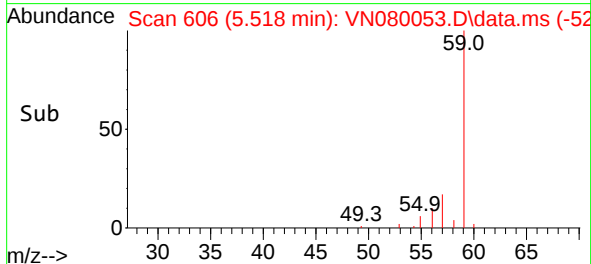
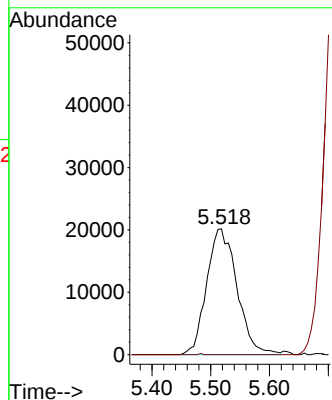
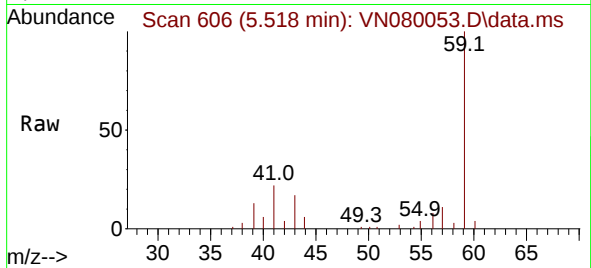
#23
tert-Butyl Alcohol
Concen: 97.822 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 72390
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

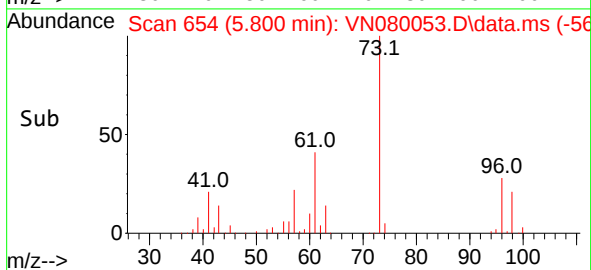
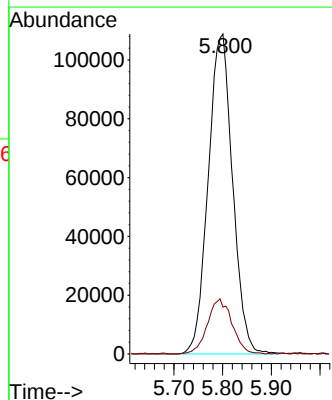
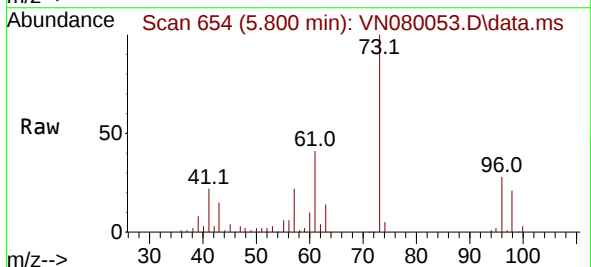
Manual Integrations
APPROVED

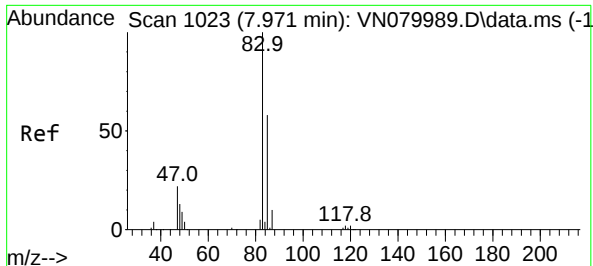
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#24
Methyl tert-Butyl Ether
Concen: 23.099 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 73 Resp: 378661
Ion Ratio Lower Upper
73 100
43 17.3 16.6 24.8





#25

Chloroform

Concen: 21.457 ug/l

RT: 7.965 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 240364

Ion Ratio Lower Upper

83 100

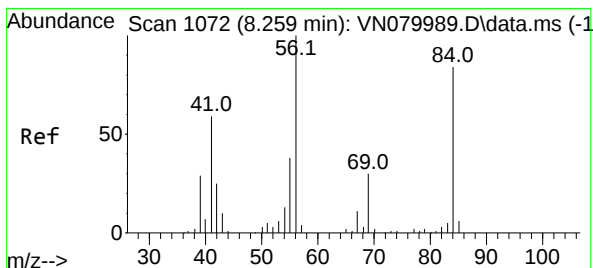
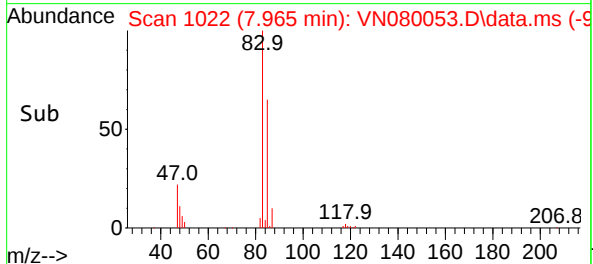
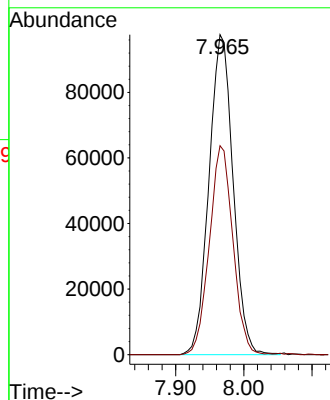
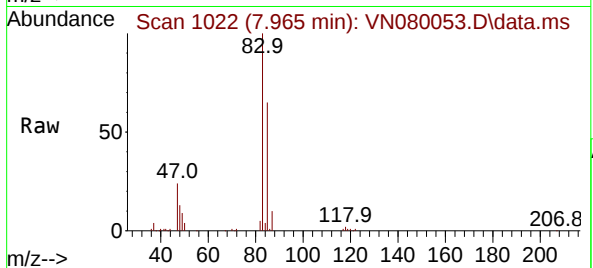
85 65.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#26

Cyclohexane

Concen: 19.732 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

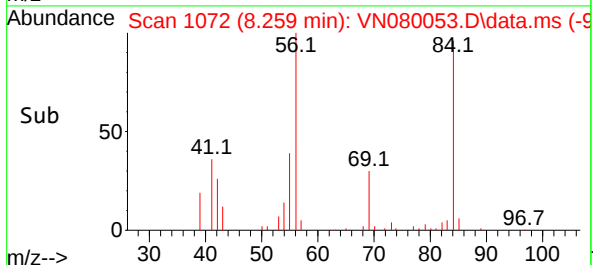
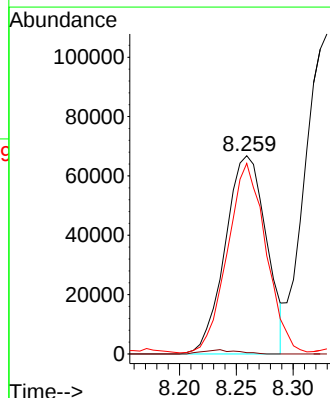
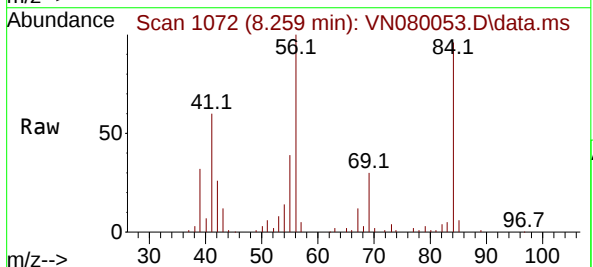
Tgt Ion: 56 Resp: 168453

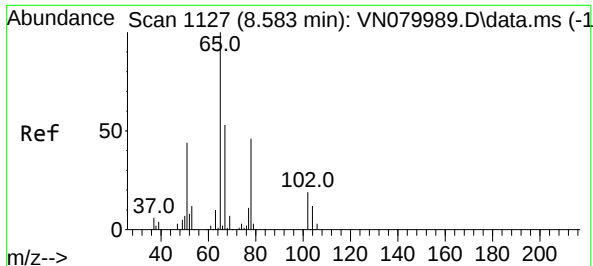
Ion Ratio Lower Upper

56 100

89 1.2 0.0 0.0#

84 90.6 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.759 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 22327

Ion Ratio Lower Upper

65 100

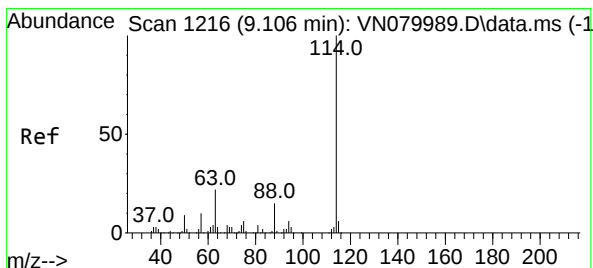
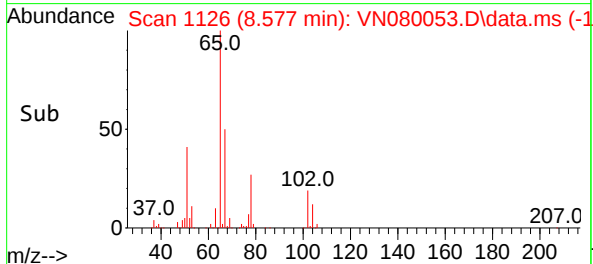
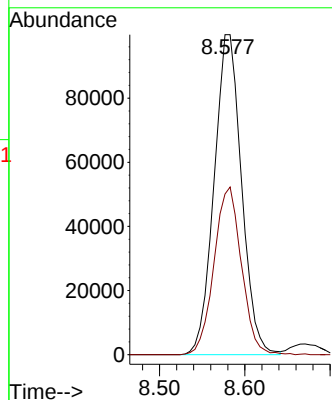
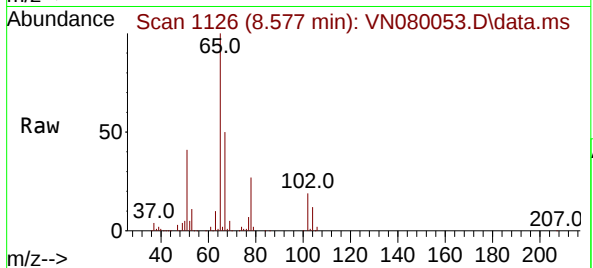
67 52.2 42.1 63.1

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: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

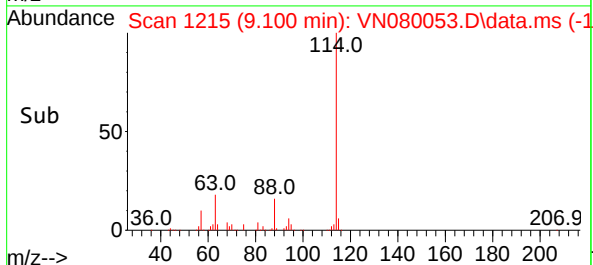
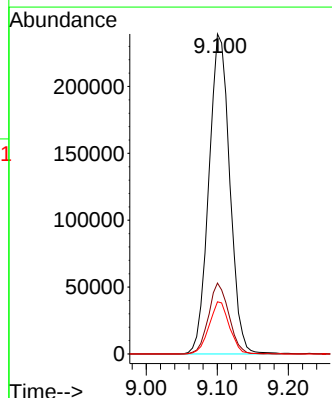
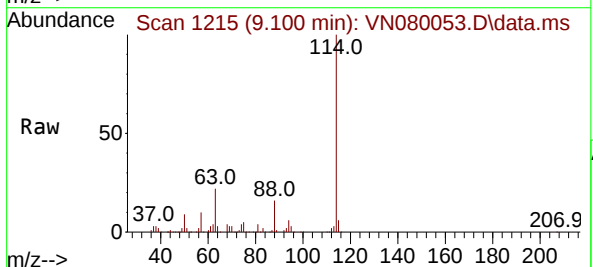
Tgt Ion:114 Resp: 489923

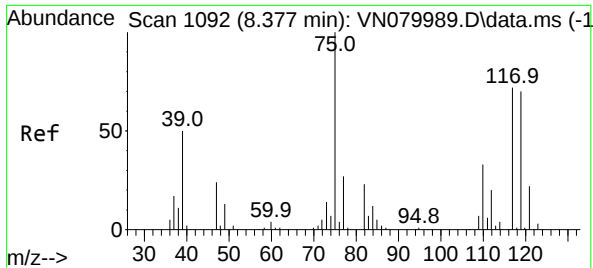
Ion Ratio Lower Upper

114 100

63 21.6 18.1 27.1

88 15.9 12.2 18.2





#29
1,1-Dichloropropene
Concen: 20.488 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

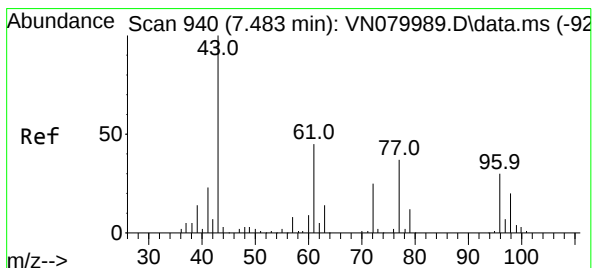
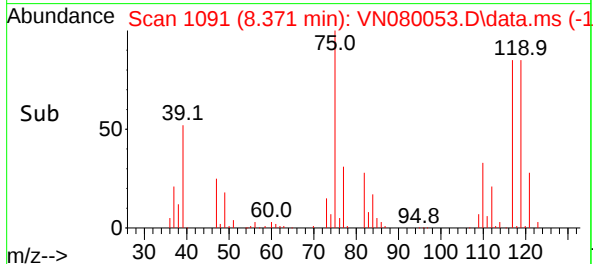
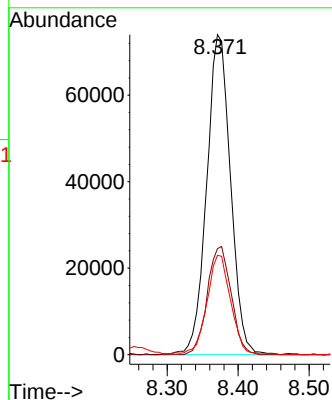
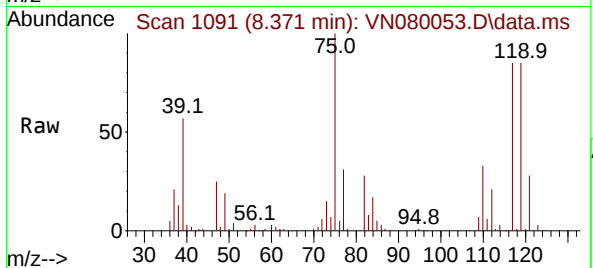
VSTDCCC020EC

Tgt Ion: 75 Resp: 172270
Ion Ratio Lower Upper
75 100
110 33.8 0.0 66.8
77 30.8 0.0 61.2

Manual Integrations

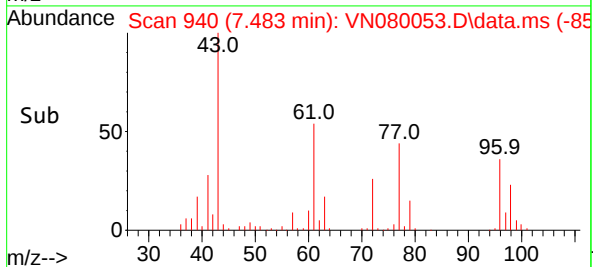
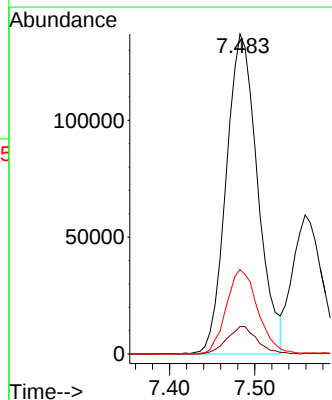
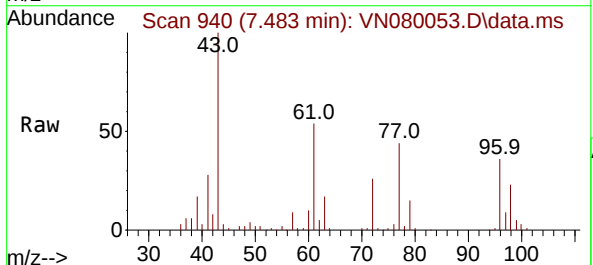
APPROVED

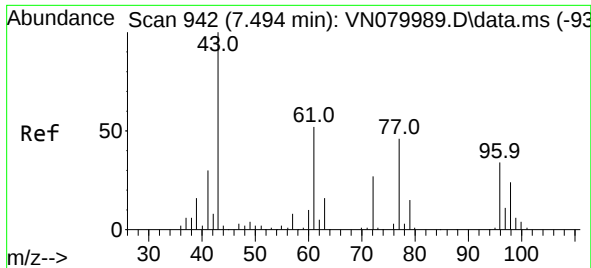
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#30
2-Butanone
Concen: 87.545 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 43 Resp: 351549
Ion Ratio Lower Upper
43 100
57 8.2 6.4 9.6
72 26.5 20.7 31.1





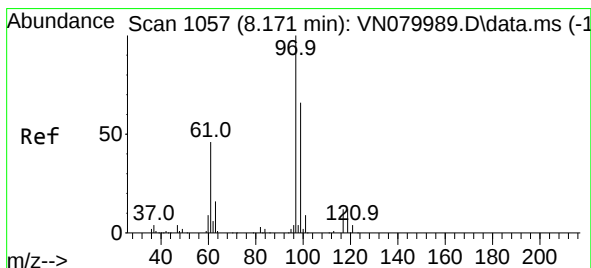
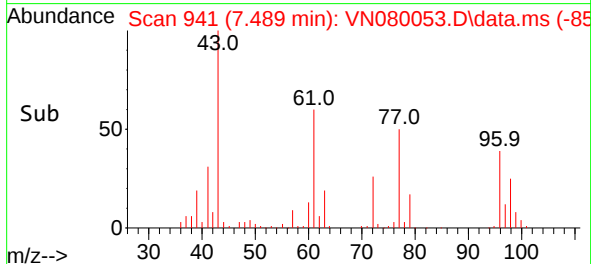
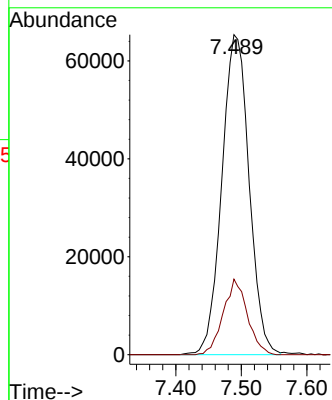
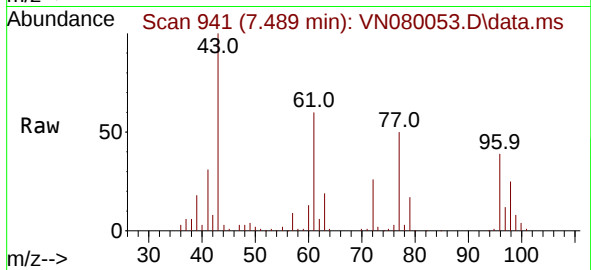
#31
2,2-Dichloropropane
Concen: 20.769 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 18874
Ion Ratio Lower Upper
77 100
97 20.8 17.9 26.9

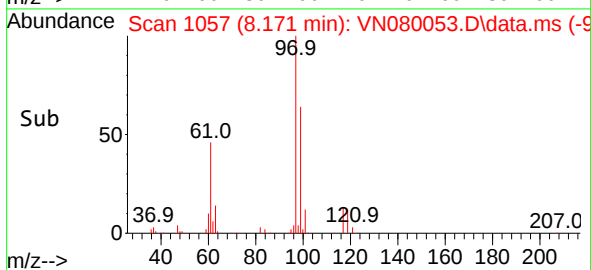
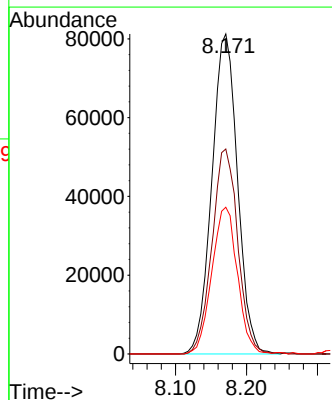
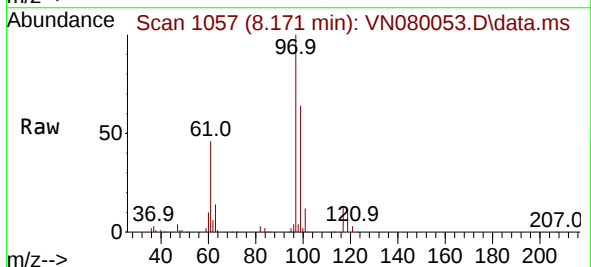
Manual Integrations
APPROVED

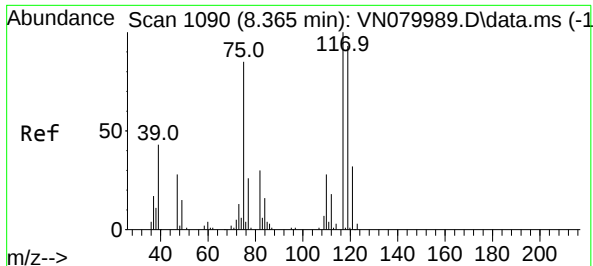
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#32
1,1,1-Trichloroethane
Concen: 21.204 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

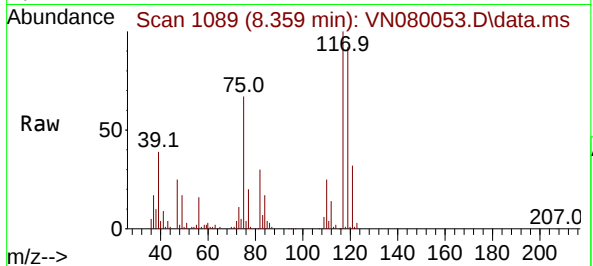
Tgt Ion: 97 Resp: 203536
Ion Ratio Lower Upper
97 100
99 64.4 51.9 77.9
61 45.8 37.6 56.4





#33
Carbon Tetrachloride
Concen: 21.166 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

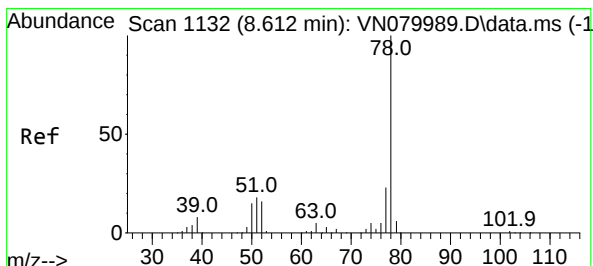
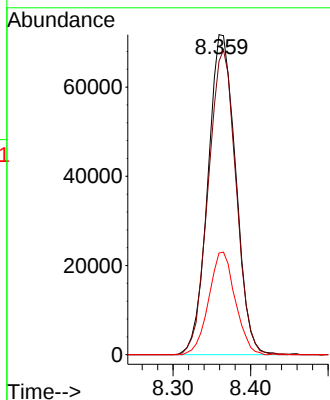
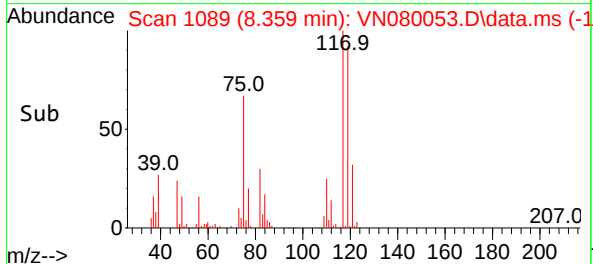
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 17858
Ion Ratio Lower Upper
117 100
119 91.5 75.0 112.6
121 31.8 24.3 36.5

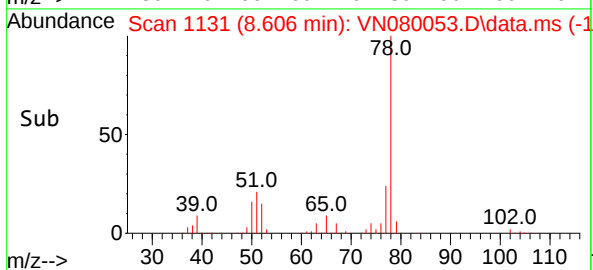
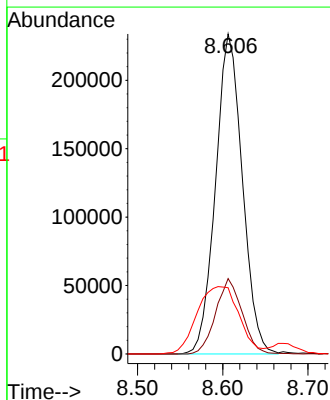
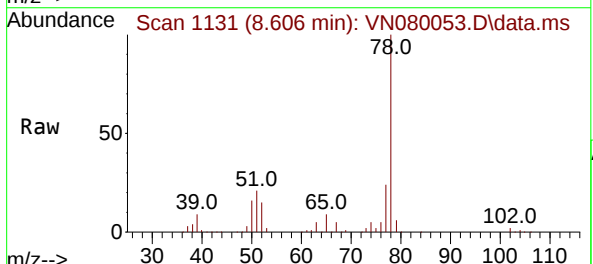
Manual Integrations
APPROVED

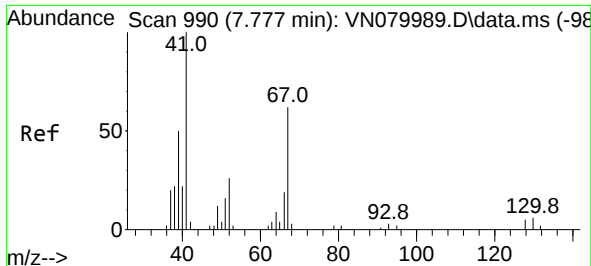
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#34
Benzene
Concen: 20.479 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 78 Resp: 511533
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5
51 19.4 15.8 23.6





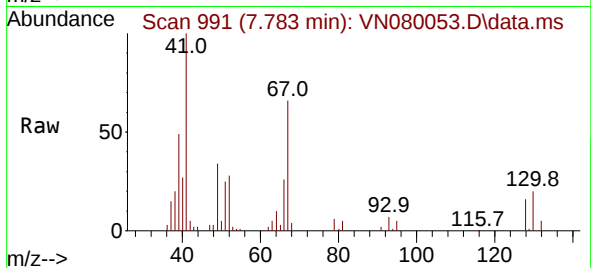
#35
Methacrylonitrile
Concen: 19.559 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



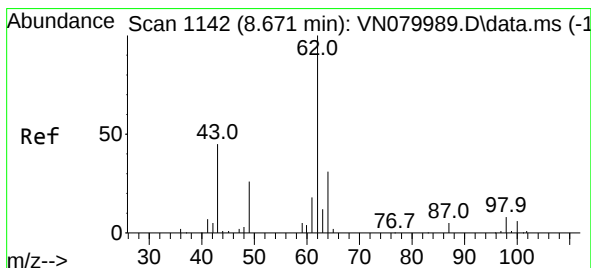
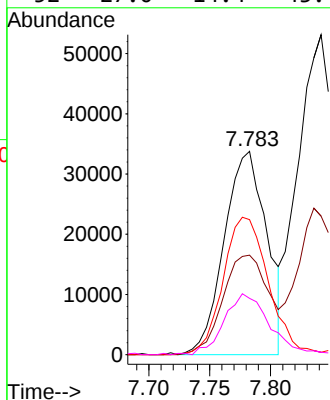
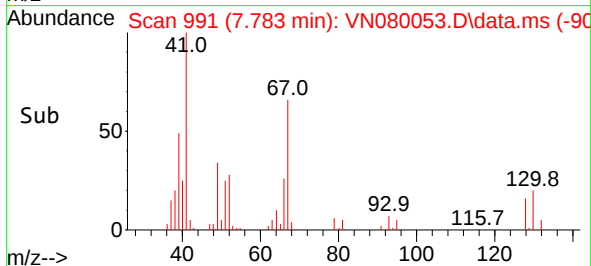
Tgt Ion: 41 Resp: 82344
Ion Ratio Lower Upper
41 100
39 48.9 26.3 78.8
67 65.9 37.5 112.3
52 27.0 14.4 43.4

Manual Integrations

APPROVED

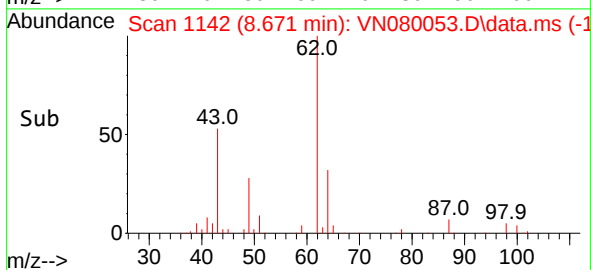
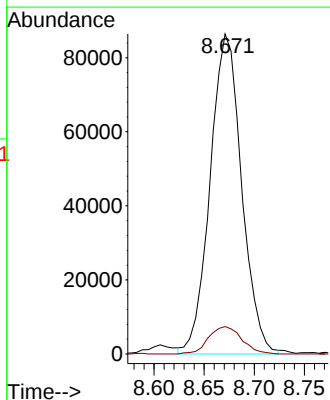
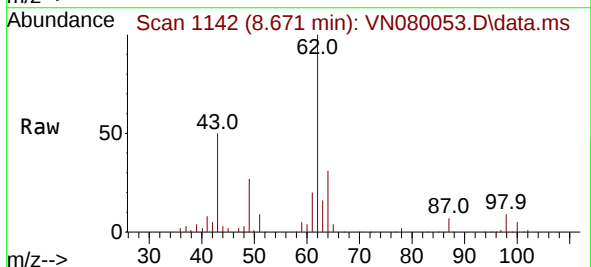
Reviewed By :John Carlone 11/13/2023

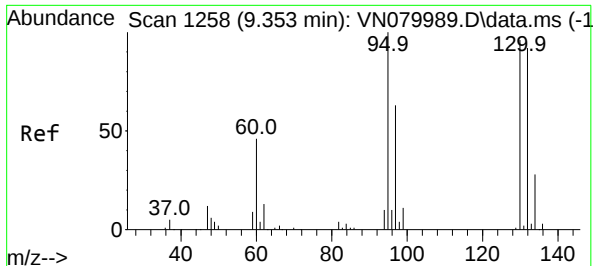
Supervised By :Mahesh Dadoda 11/13/2023



#36
1,2-Dichloroethane
Concen: 20.900 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 62 Resp: 188928
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#37

Trichloroethene

Concen: 20.818 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 125052

Ion Ratio Lower Upper

130 100

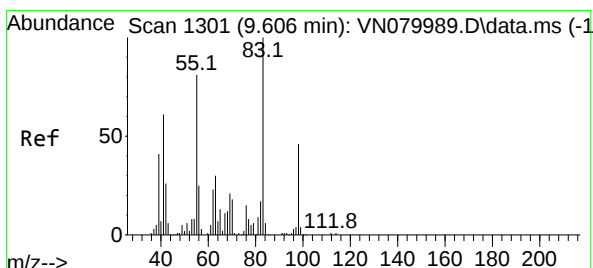
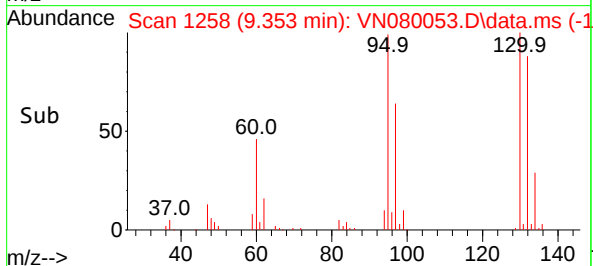
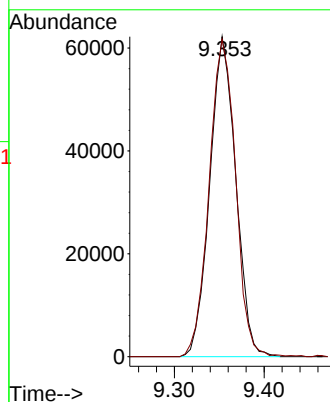
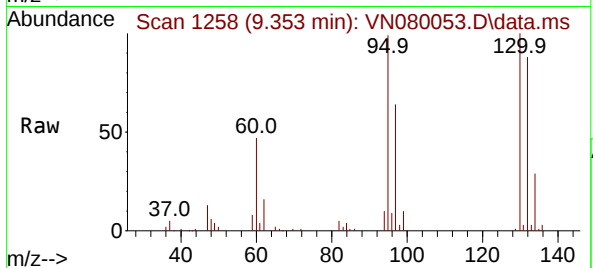
95 99.1 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#38

Methylcyclohexane

Concen: 19.966 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

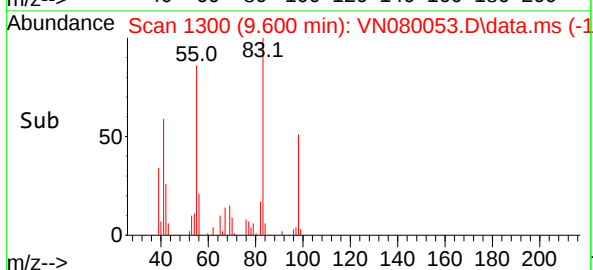
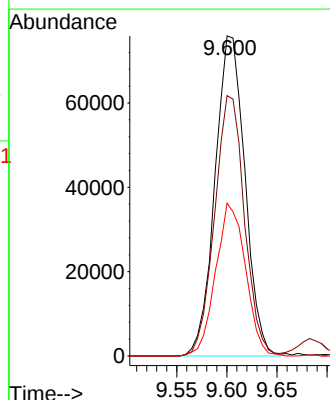
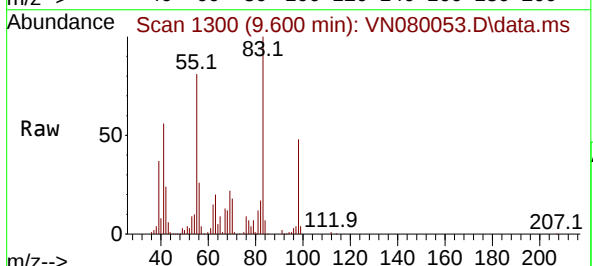
Tgt Ion: 83 Resp: 157637

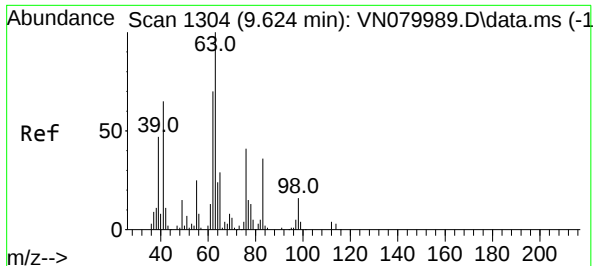
Ion Ratio Lower Upper

83 100

55 81.0 39.7 119.1

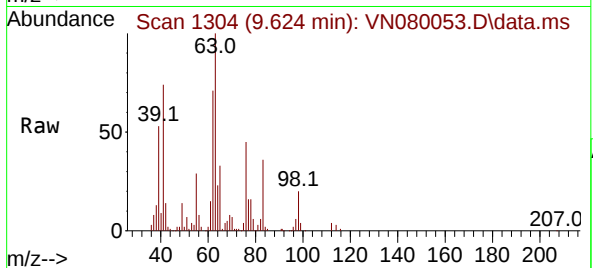
98 47.6 24.4 73.2





#39
1,2-Dichloropropane
Concen: 20.556 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

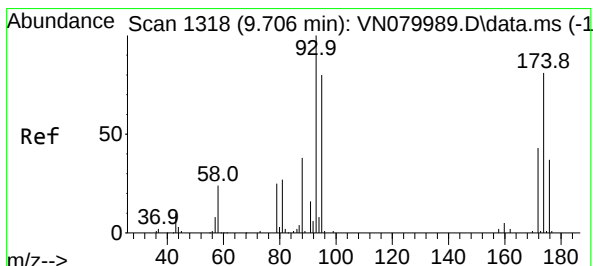
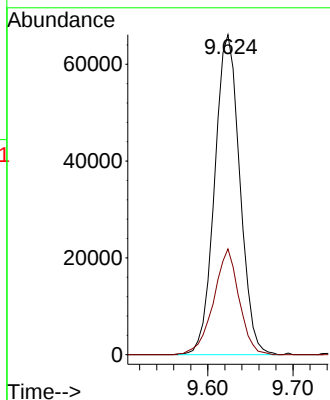
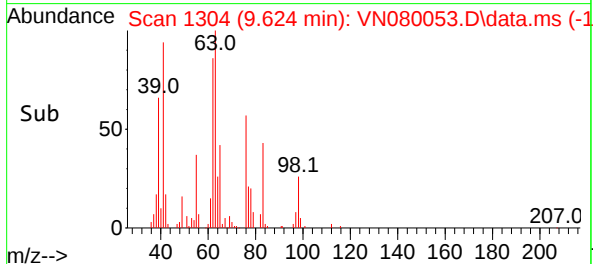
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 135898
Ion Ratio Lower Upper
63 100
65 33.1 25.3 37.9

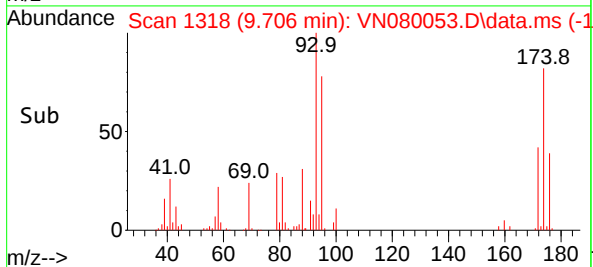
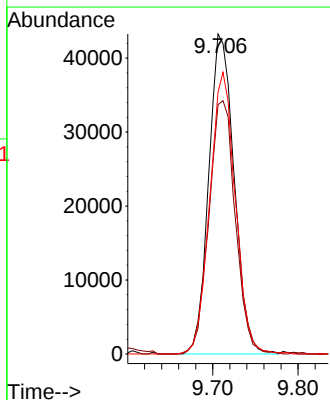
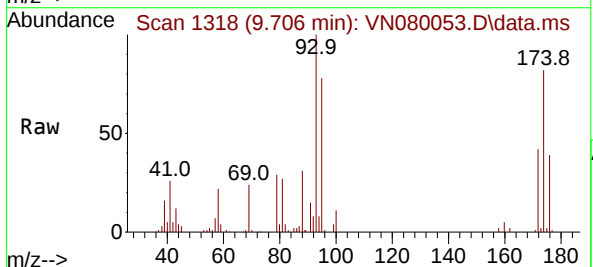
Manual Integrations
APPROVED

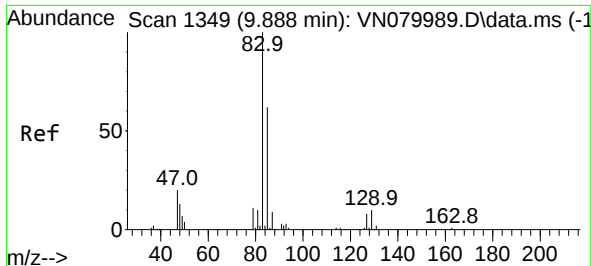
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#40
Dibromomethane
Concen: 20.950 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

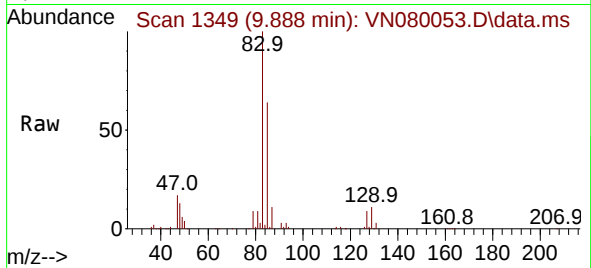
Tgt Ion: 93 Resp: 89528
Ion Ratio Lower Upper
93 100
95 82.0 0.0 166.6
174 88.6 0.0 171.0





#41
Bromodichloromethane
Concen: 22.539 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

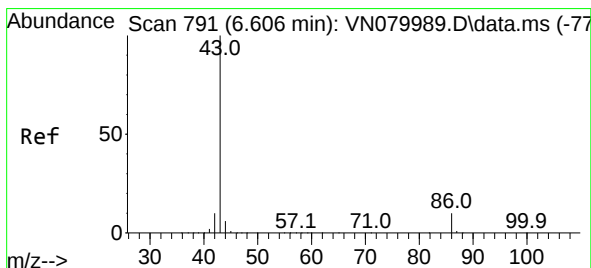
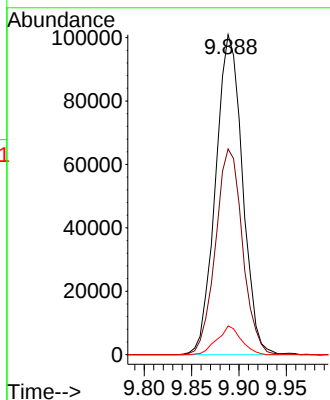
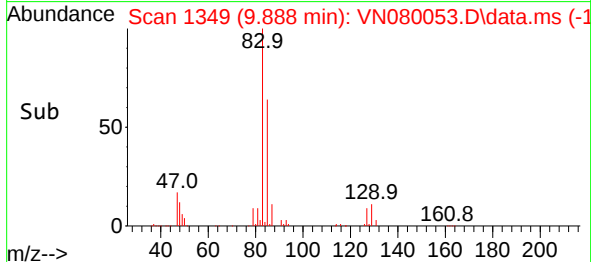
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 199489
Ion Ratio Lower Upper
83 100
85 64.3 50.3 75.5
127 9.0 6.8 10.2

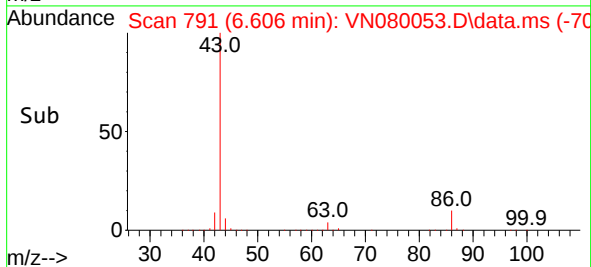
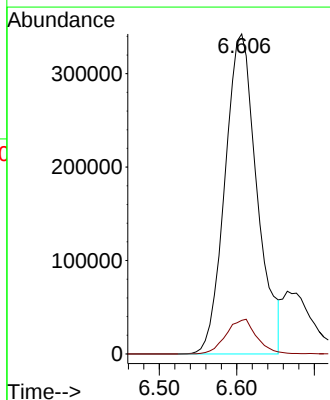
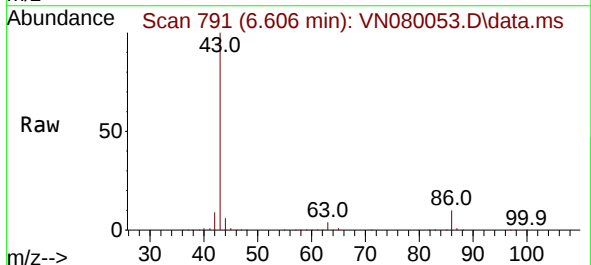
Manual Integrations
APPROVED

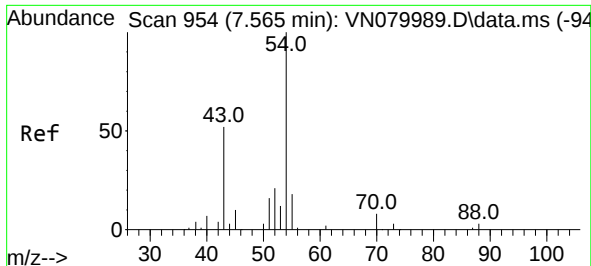
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
Vinyl Acetate
Concen: 98.763 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 43 Resp: 985096
Ion Ratio Lower Upper
43 100
86 10.4 8.2 12.2





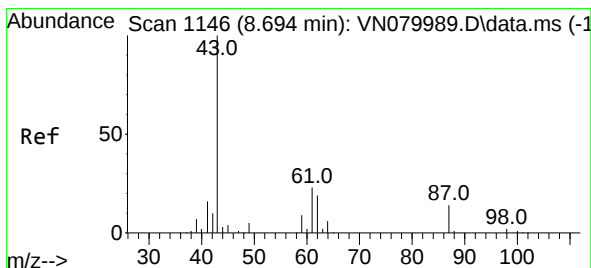
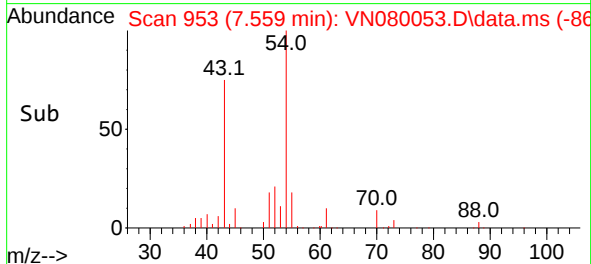
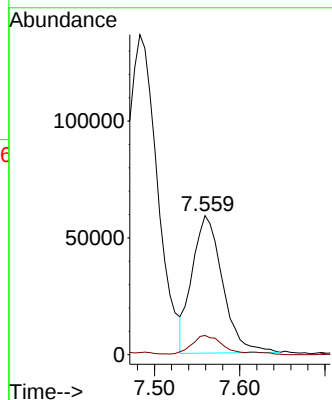
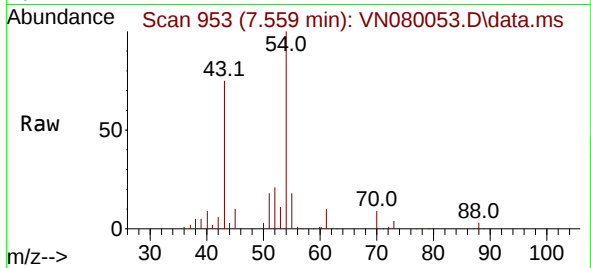
#43
Ethyl Acetate
Concen: 19.248 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 14519
Ion Ratio Lower Upper
43 100
45 13.0 11.8 17.8

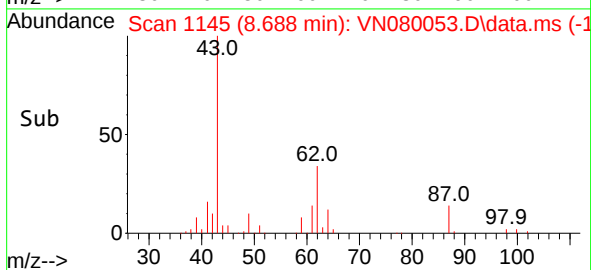
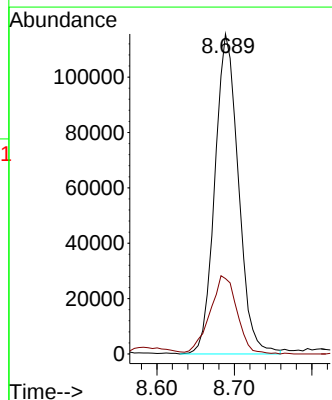
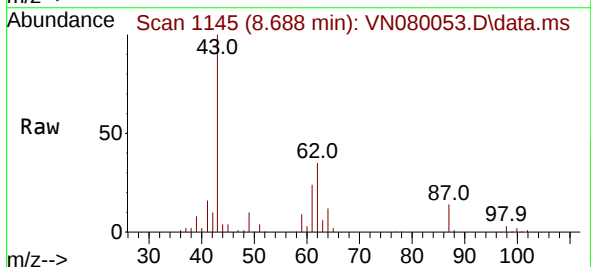
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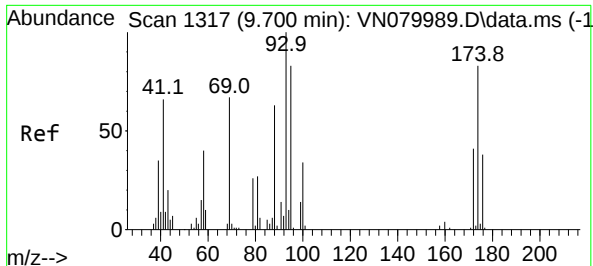
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
Isopropyl Acetate
Concen: 19.865 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 43 Resp: 244168
Ion Ratio Lower Upper
43 100
61 27.5 20.3 30.5





#45

1,4-Dioxane

Concen: 395.019 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.012 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 37418

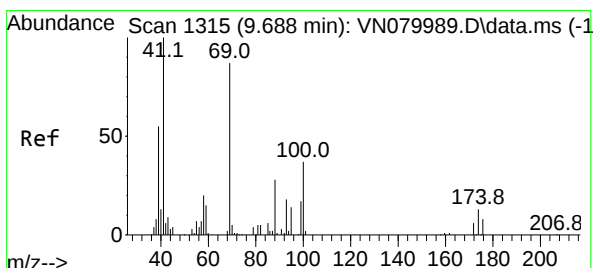
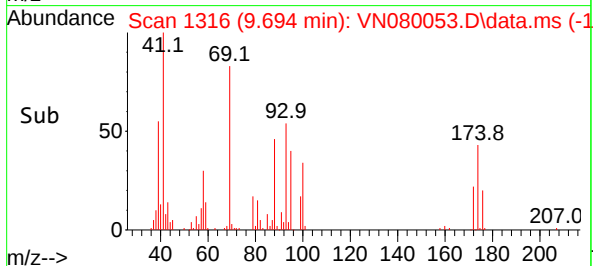
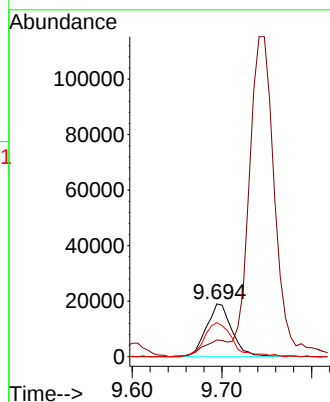
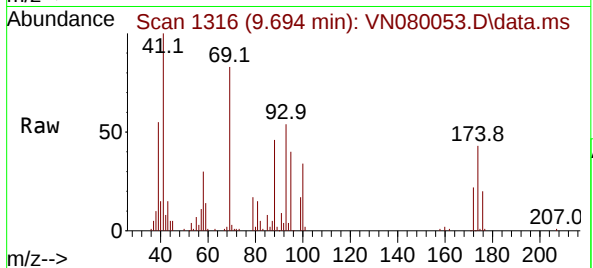
Ion	Ratio	Lower	Upper
88	100		
43	31.2	28.7	43.1
58	69.9	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#46

Methyl methacrylate

Concen: 20.296 ug/l

RT: 9.683 min Scan# 1314

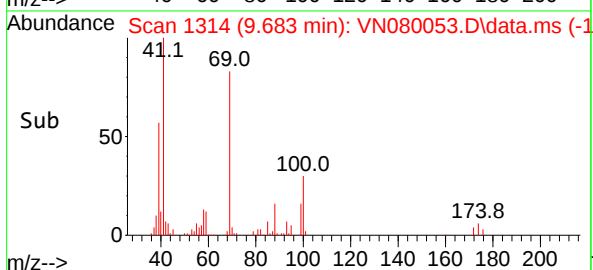
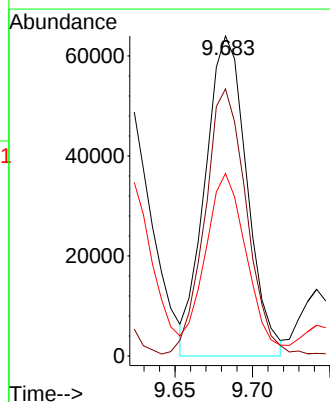
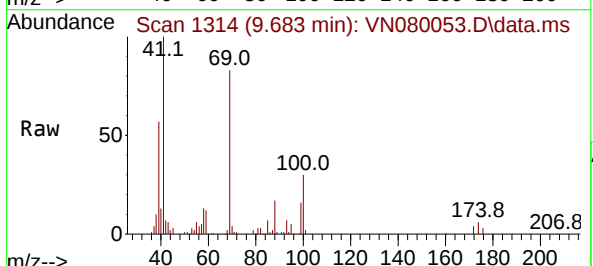
Delta R.T. -0.005 min

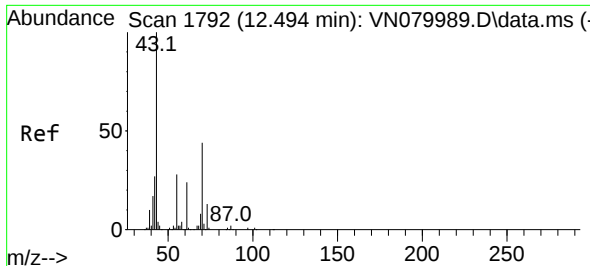
Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Tgt Ion: 41 Resp: 119919

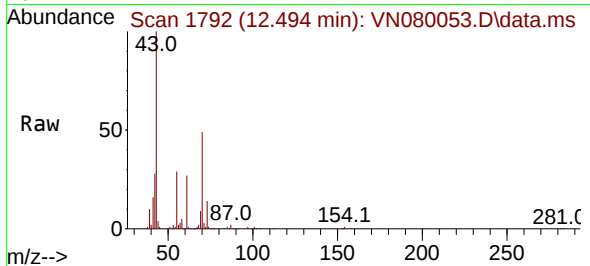
Ion	Ratio	Lower	Upper
41	100		
69	84.3	40.0	119.9
39	56.4	31.1	93.3





#47
n-amy1 Acetate
Concen: 16.981 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

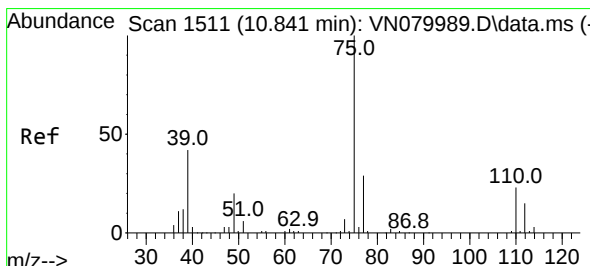
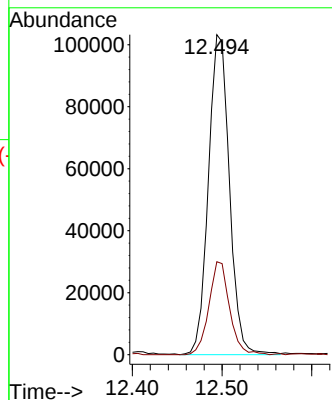
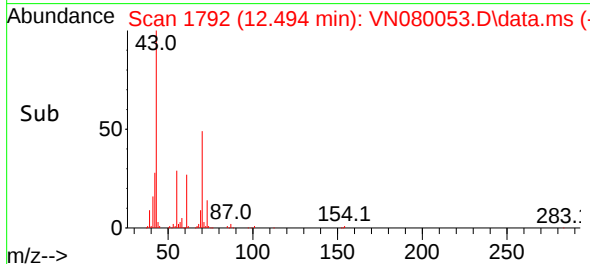
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 167650
Ion Ratio Lower Upper
43 100
55 28.5 20.7 31.1

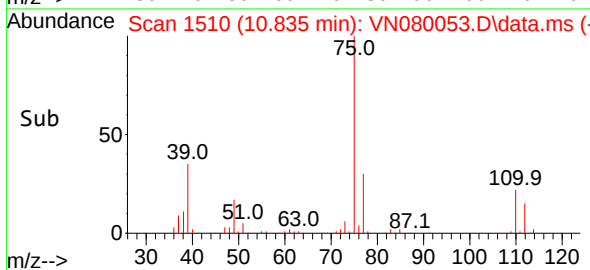
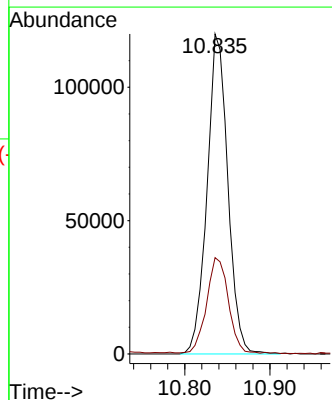
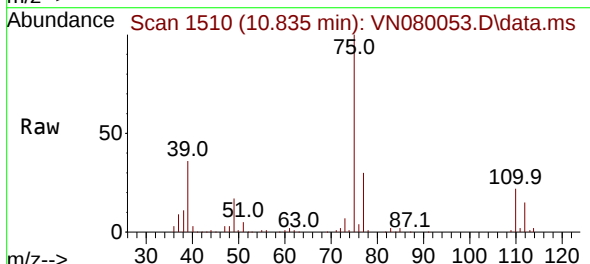
Manual Integrations
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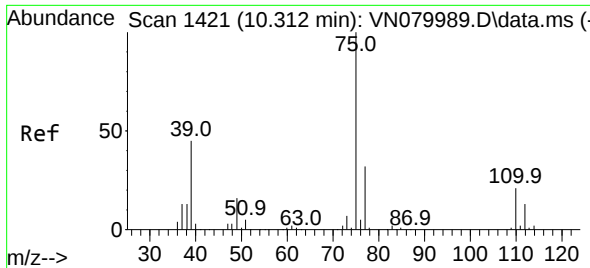
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#48
t-1,3-Dichloropropene
Concen: 22.542 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 75 Resp: 203763
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4





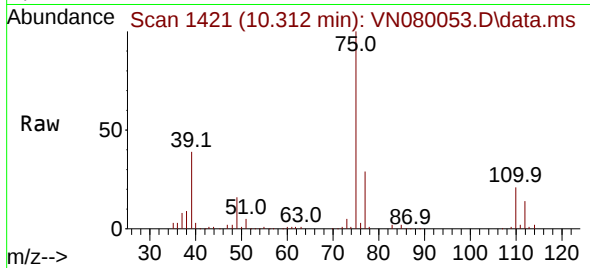
#49
 cis-1,3-Dichloropropene
 Concen: 23.266 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN080053.D
 Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



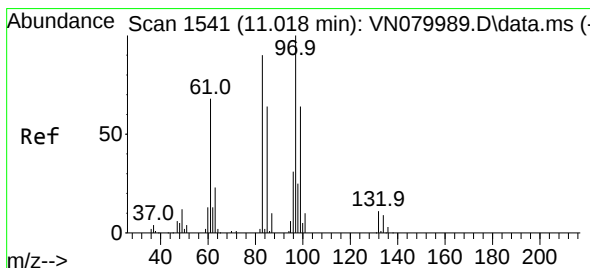
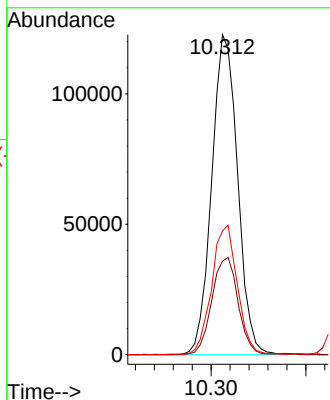
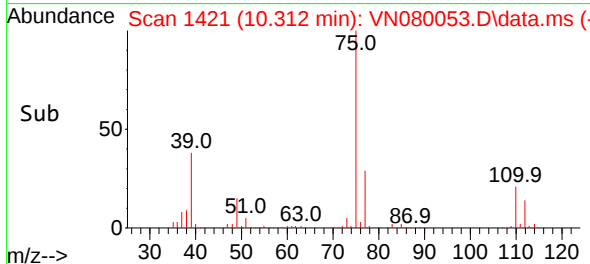
Tgt Ion: 75 Resp: 232485
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.8 38.6
 39 38.6 42.4 63.6

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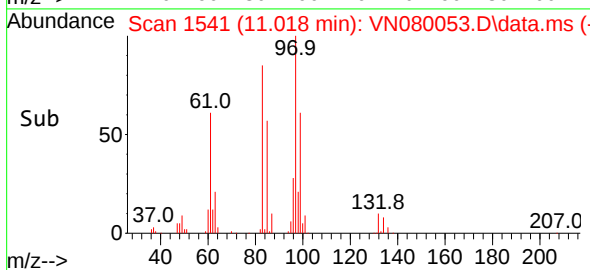
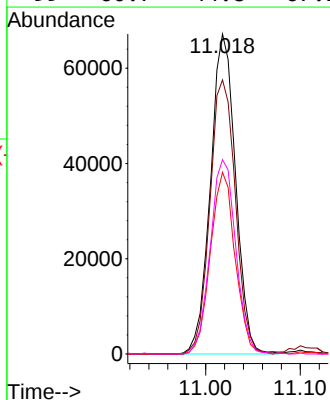
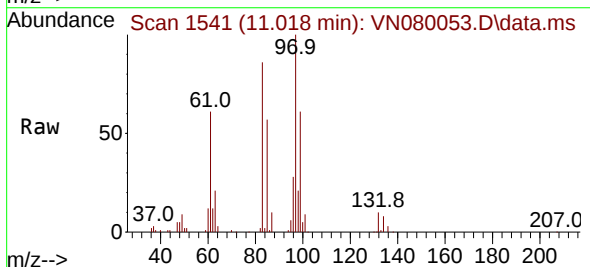
Reviewed By :John Carlone 11/13/2023

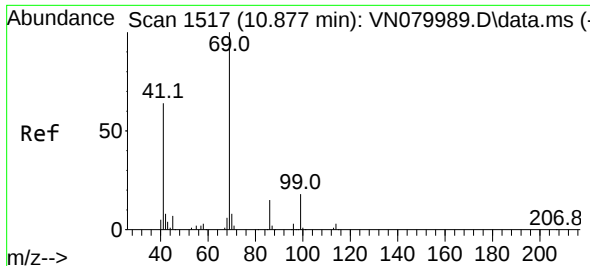
Supervised By :Mahesh Dadoda 11/13/2023



#50
 1,1,2-Trichloroethane
 Concen: 21.173 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080053.D
 Acq: 10 Nov 2023 16:31

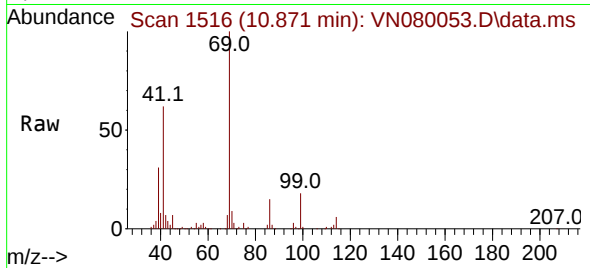
Tgt Ion: 97 Resp: 123428
 Ion Ratio Lower Upper
 97 100
 83 85.6 68.2 102.4
 85 56.8 42.9 64.3
 99 60.7 44.8 67.2





#51
Ethyl methacrylate
Concen: 21.000 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.005 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

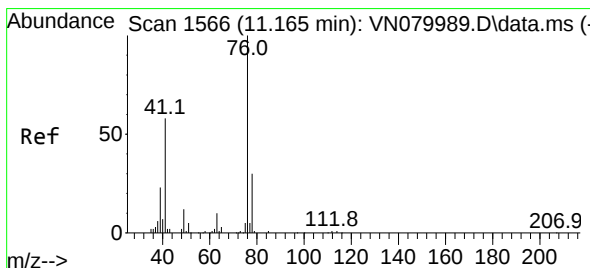
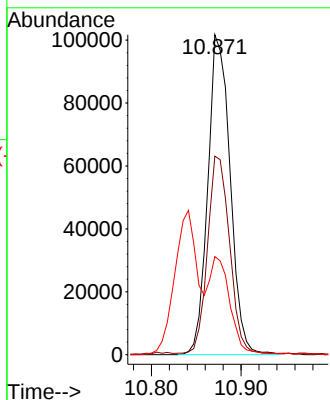
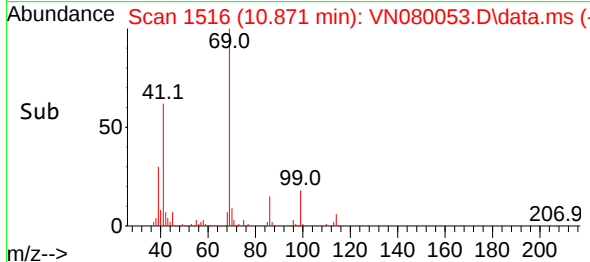
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 175950
Ion Ratio Lower Upper
69 100
41 61.8 33.8 101.3
39 30.2 21.3 63.9

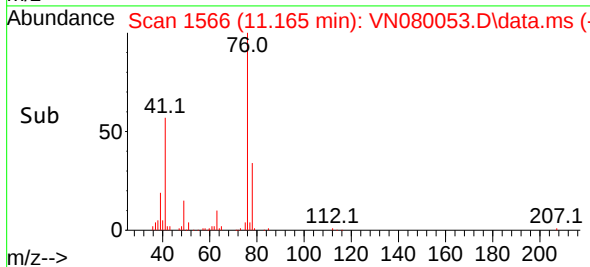
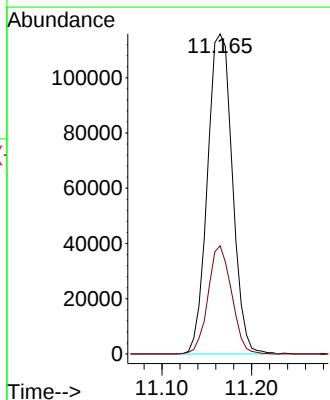
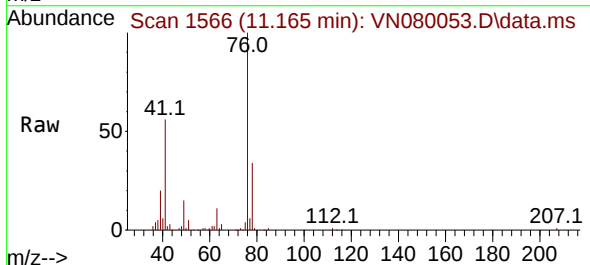
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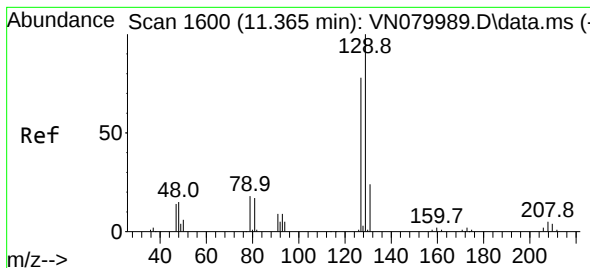
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
1,3-Dichloropropane
Concen: 21.428 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 76 Resp: 223320
Ion Ratio Lower Upper
76 100
78 31.9 0.0 64.0





#53

Dibromochloromethane

Concen: 21.712 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 13540

Ion Ratio Lower Upper

129 100

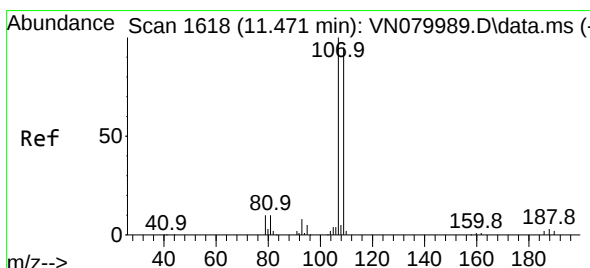
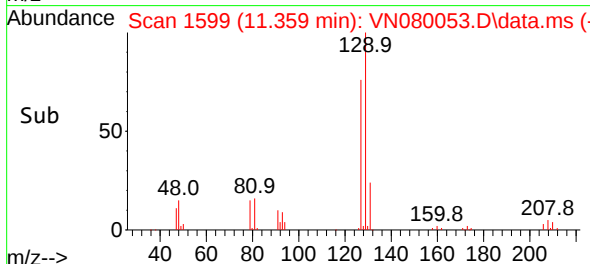
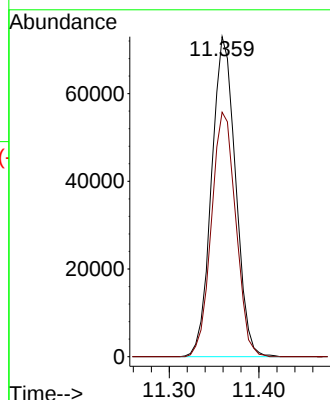
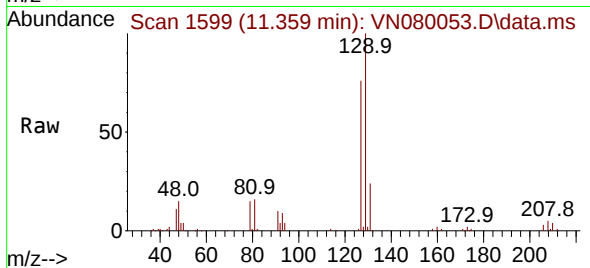
127 77.6 38.8 116.3

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Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#54

1,2-Dibromoethane

Concen: 23.116 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.001 min

Lab File: VN080053.D

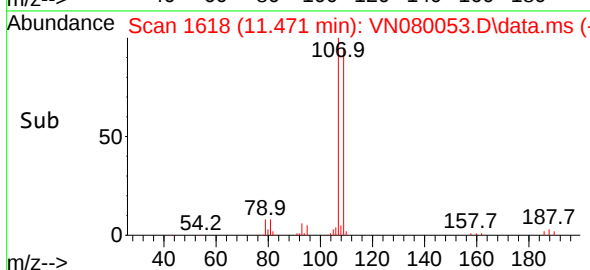
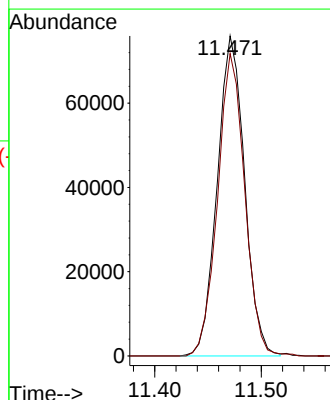
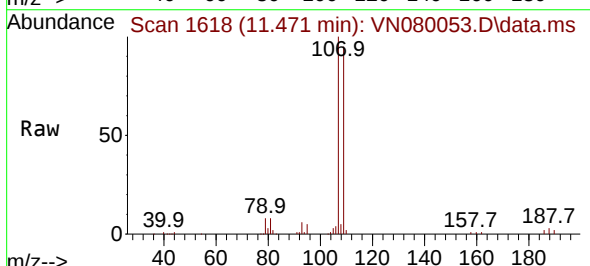
Acq: 10 Nov 2023 16:31

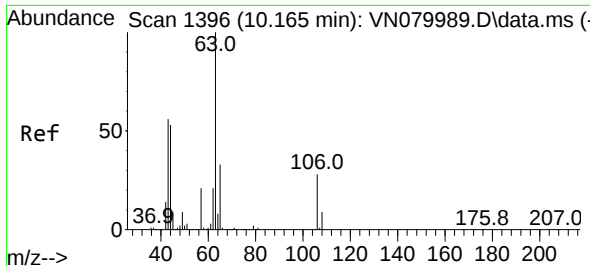
Tgt Ion:107 Resp: 135309

Ion Ratio Lower Upper

107 100

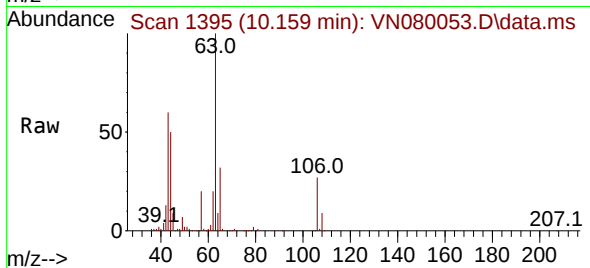
109 93.6 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 121.565 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

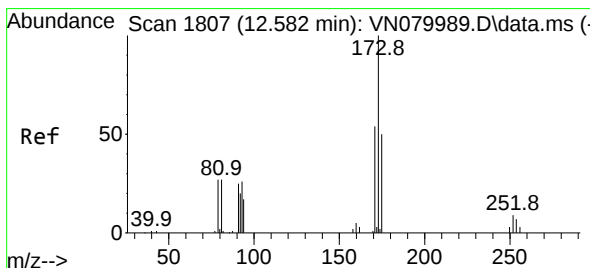
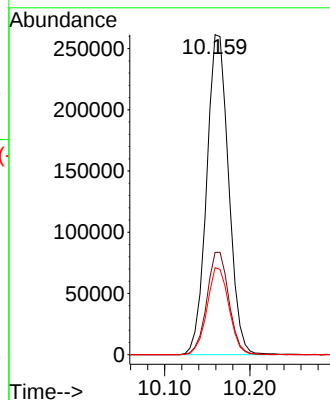
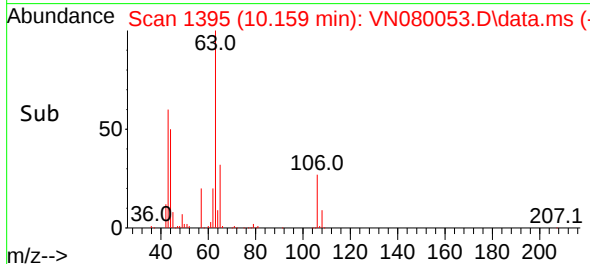
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 468472
Ion Ratio Lower Upper
63 100
65 32.0 25.9 38.9
106 27.1 20.6 30.8

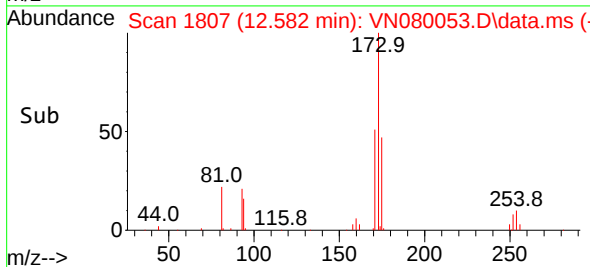
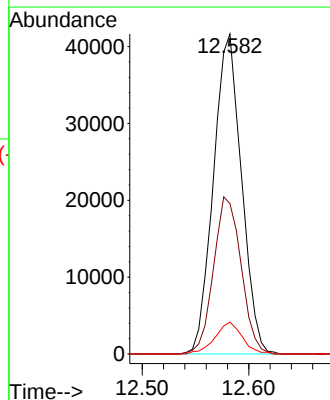
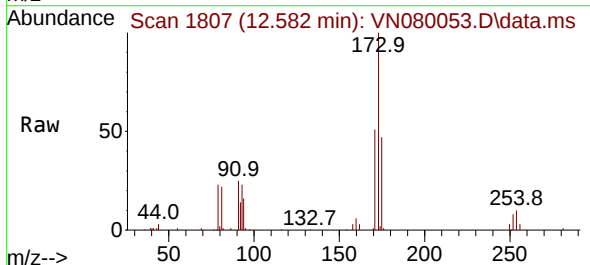
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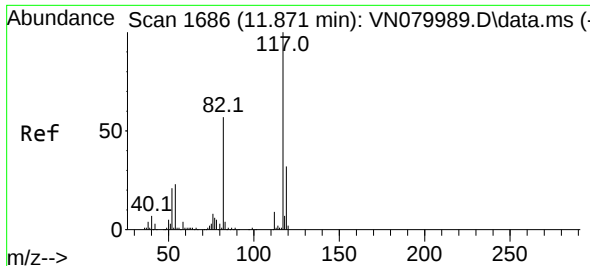
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#56
Bromoform
Concen: 18.635 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion:173 Resp: 76153
Ion Ratio Lower Upper
173 100
175 48.2 37.9 56.9
254 9.7 7.3 10.9





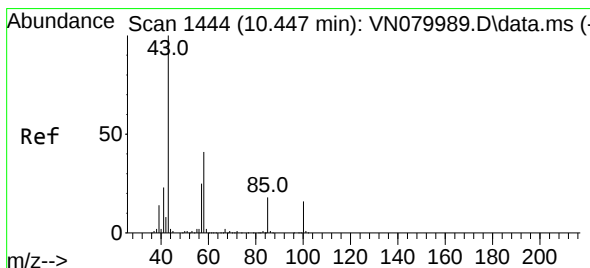
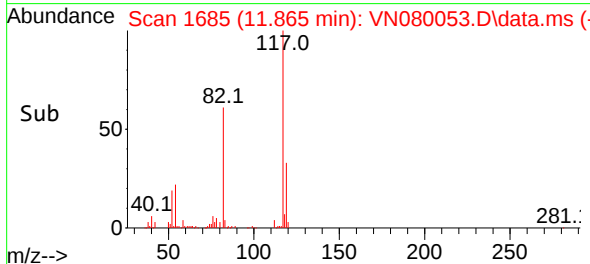
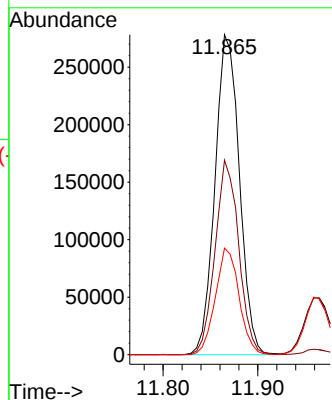
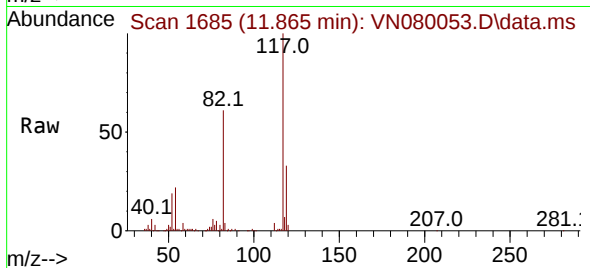
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 499702
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.2
119 32.3 25.2 37.8

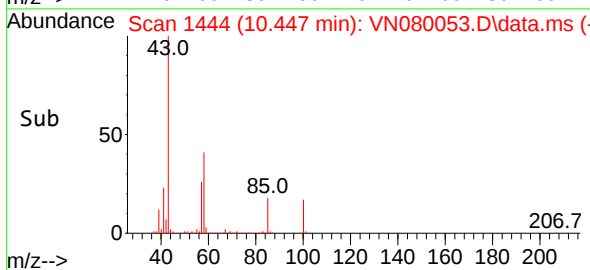
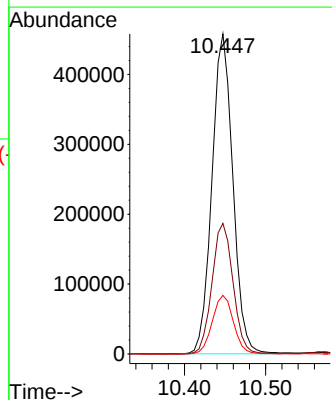
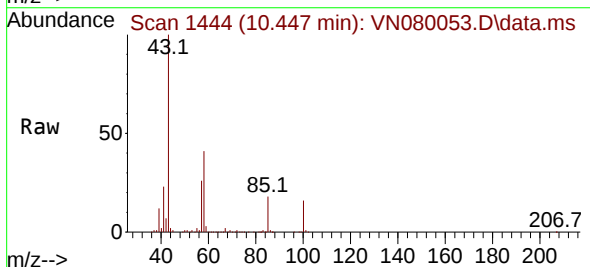
Manual Integrations
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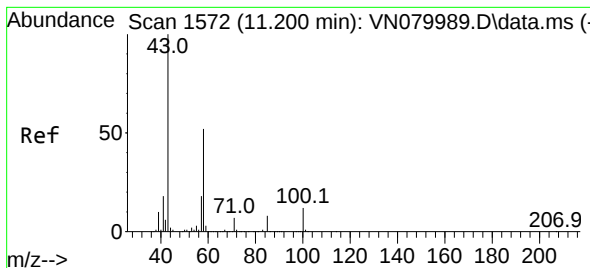
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#58
4-Methyl-2-Pentanone
Concen: 98.122 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

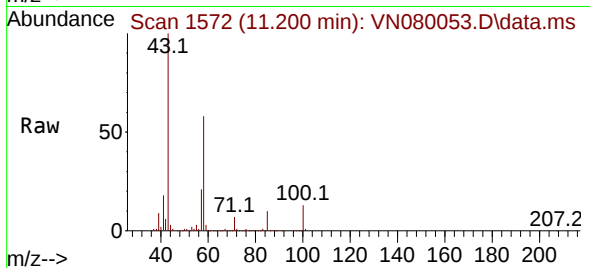
Tgt Ion: 43 Resp: 819152
Ion Ratio Lower Upper
43 100
58 41.2 30.4 45.6
85 18.5 13.2 19.8





#59
2-Hexanone
Concen: 80.121 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

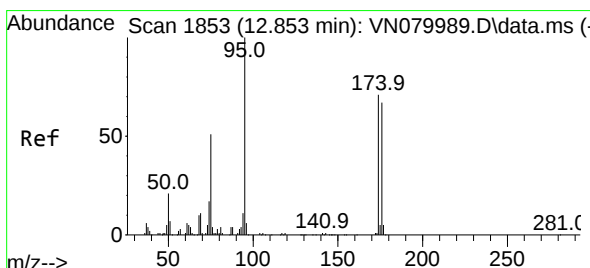
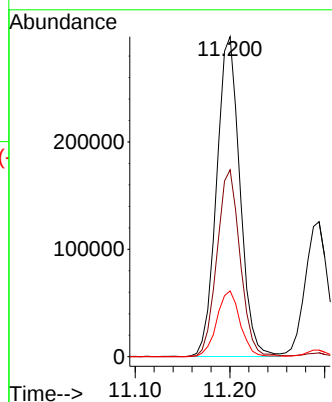
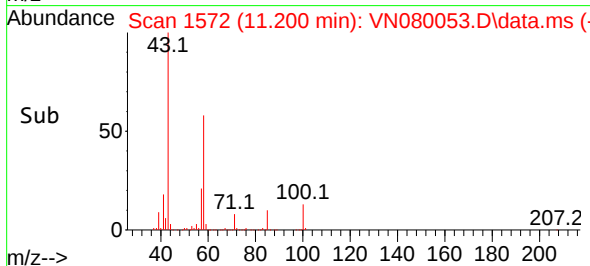
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 509529
Ion Ratio Lower Upper
43 100
58 57.7 42.3 63.5
57 20.7 13.9 20.9

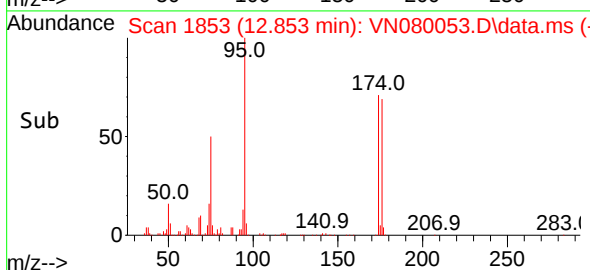
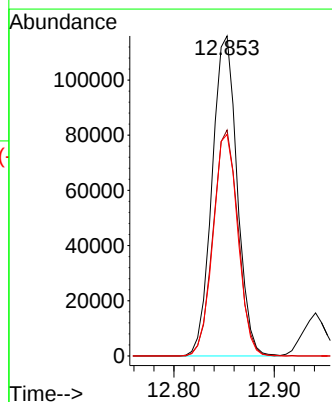
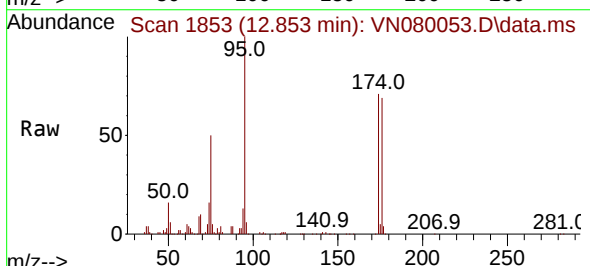
Manual Integrations
APPROVED

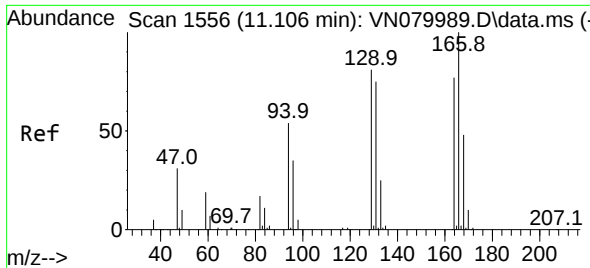
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#60
4-Bromofluorobenzene
Concen: 25.227 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

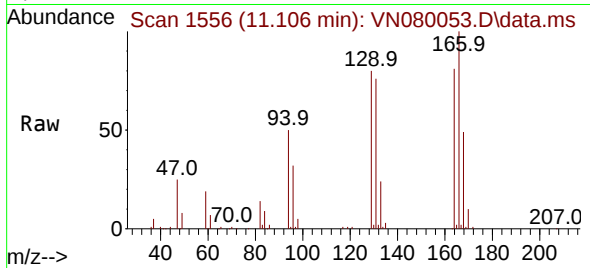
Tgt Ion: 95 Resp: 201588
Ion Ratio Lower Upper
95 100
174 70.3 60.5 90.7
176 68.7 57.2 85.8





#61
Tetrachloroethene
Concen: 21.149 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

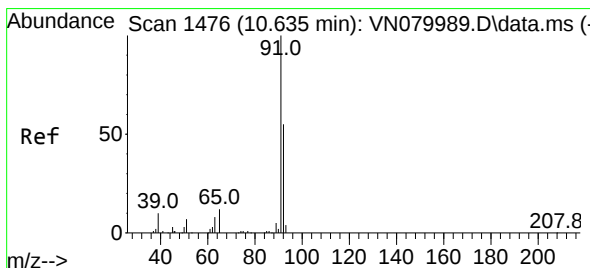
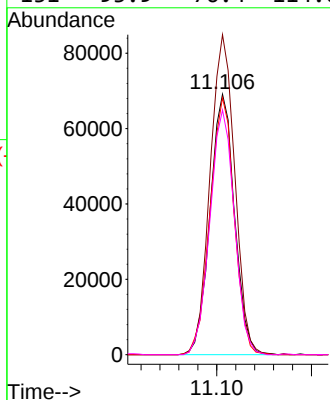
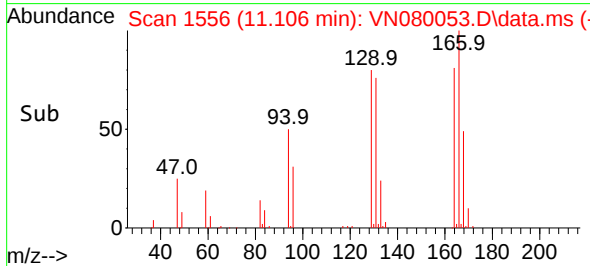
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



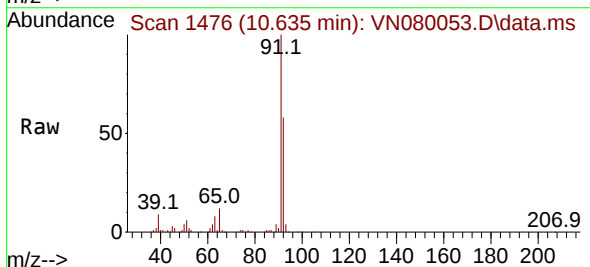
Tgt Ion:164 Resp: 123900
Ion Ratio Lower Upper
164 100
166 122.9 98.2 147.4
129 98.7 75.0 112.4
131 93.9 76.4 114.6

Manual Integrations
APPROVED

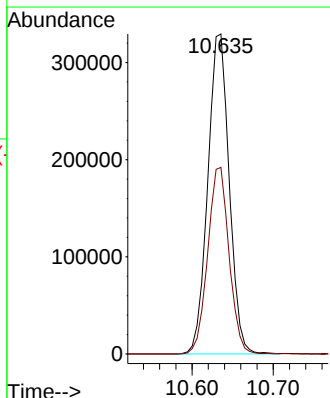
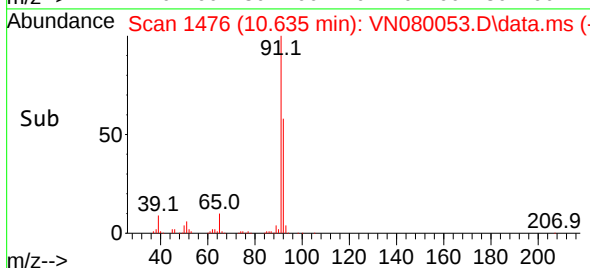
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

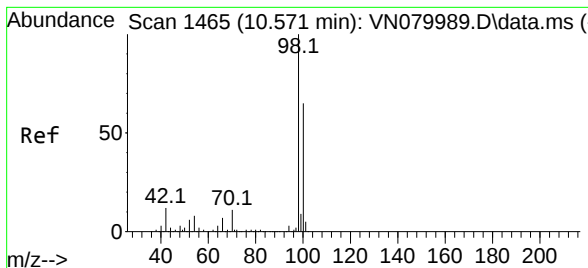


#62
Toluene
Concen: 20.884 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31



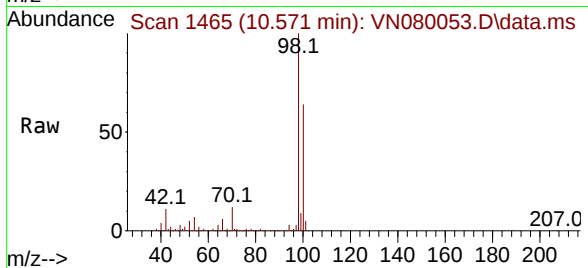
Tgt Ion: 91 Resp: 603583
Ion Ratio Lower Upper
91 100
92 58.1 45.3 67.9





#63
Toluene-d8
Concen: 27.602 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

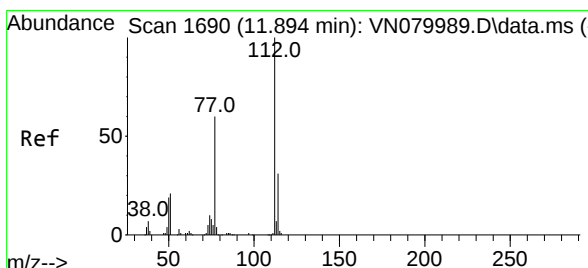
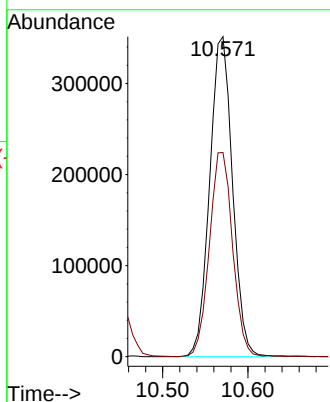
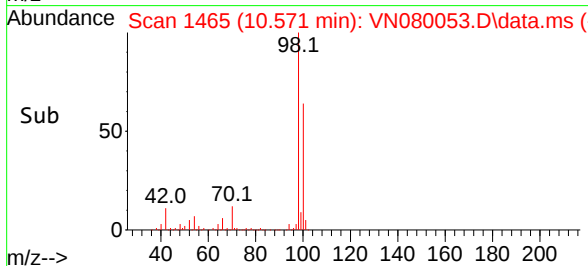
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



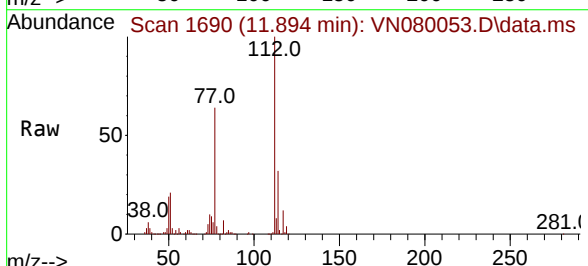
Tgt Ion: 98 Resp: 653530
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4

Manual Integrations
APPROVED

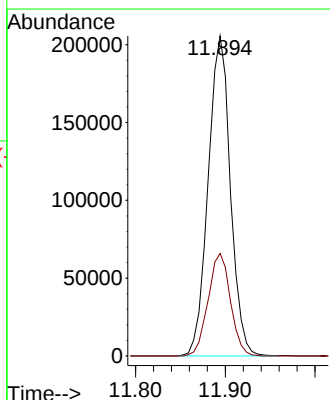
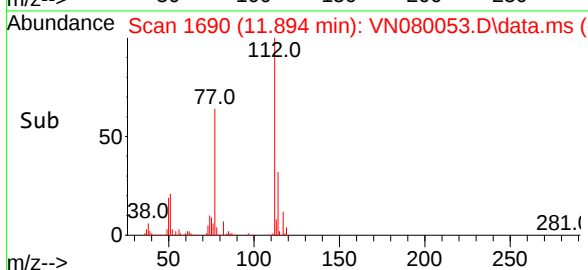
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

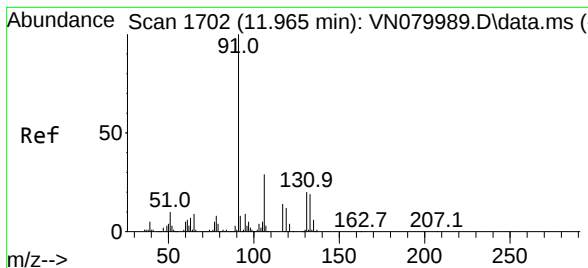


#64
Chlorobenzene
Concen: 20.508 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31



Tgt Ion:112 Resp: 353700
Ion Ratio Lower Upper
112 100
114 32.1 28.1 42.1





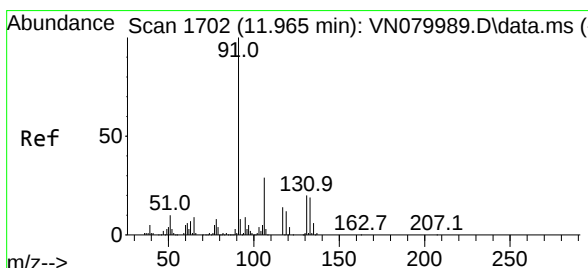
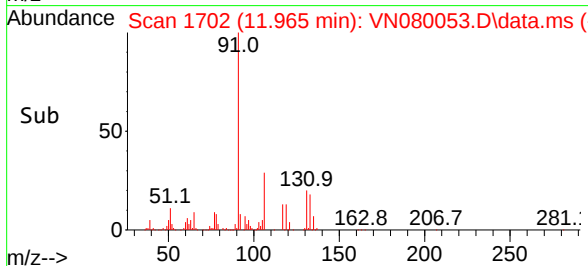
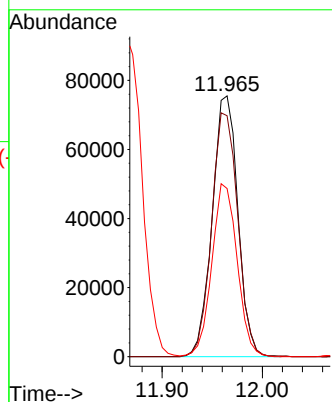
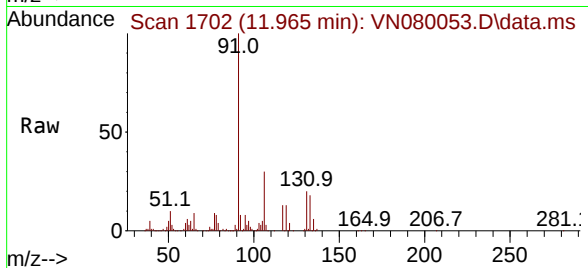
#65
1,1,1,2-Tetrachloroethane
Concen: 21.196 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 134100
Ion Ratio Lower Upper
131 100
133 95.3 0.0 196.0
119 65.5 0.0 135.6

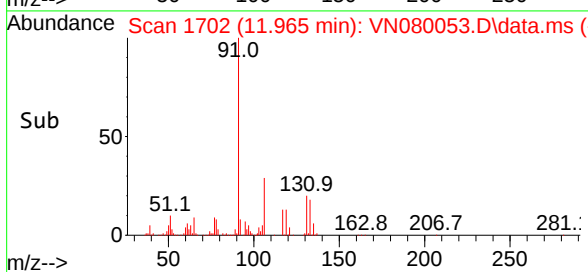
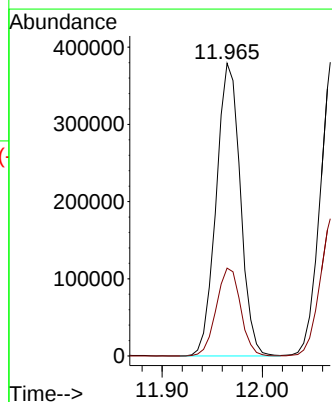
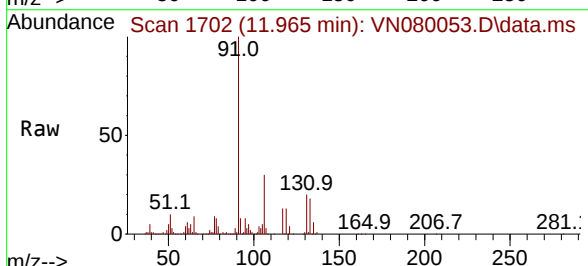
Manual Integrations
APPROVED

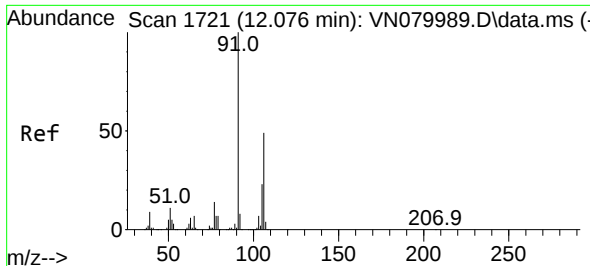
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#66
Ethyl Benzene
Concen: 20.832 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 91 Resp: 632662
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8





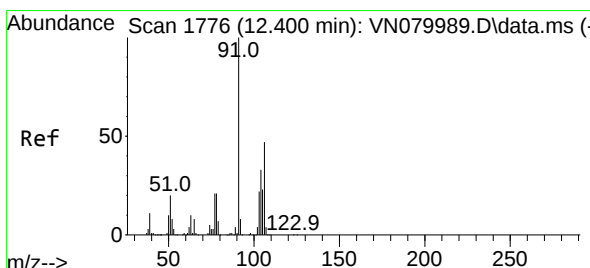
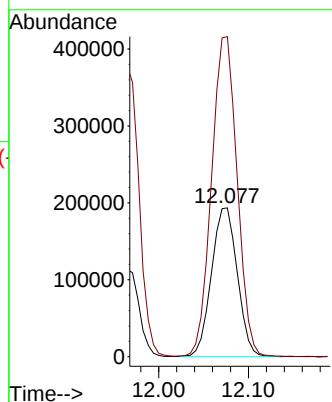
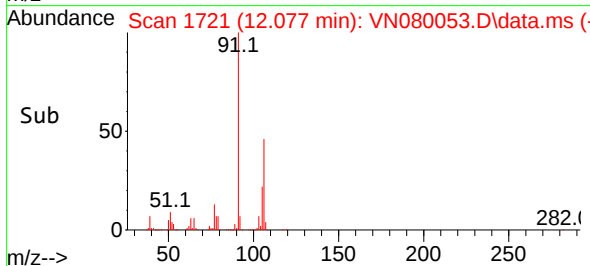
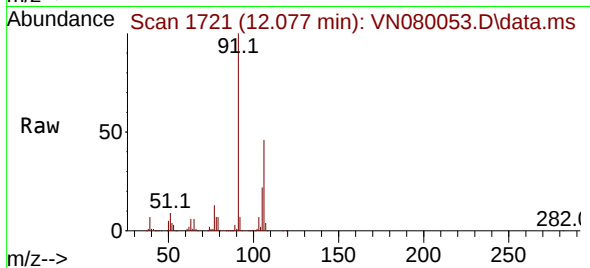
#67
m/p-Xylenes
Concen: 34.217 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 386890
Ion Ratio Lower Upper
106 100
91 213.6 161.8 242.6

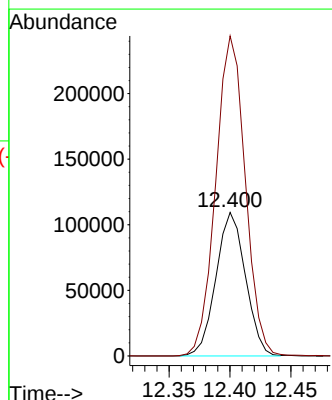
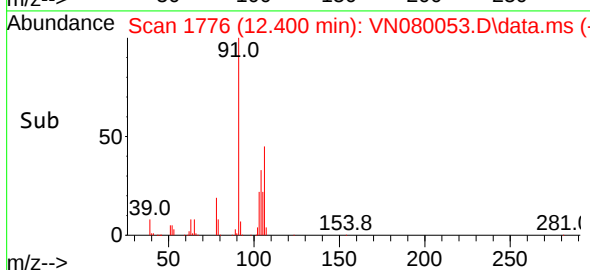
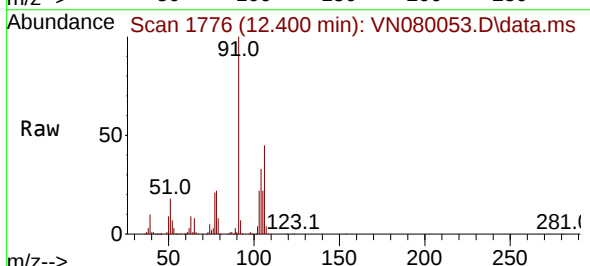
Manual Integrations
APPROVED

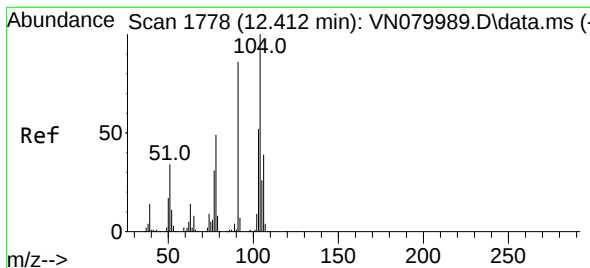
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#68
o-Xylene
Concen: 17.032 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion:106 Resp: 184583
Ion Ratio Lower Upper
106 100
91 223.6 109.9 329.7





#69

Styrene

Concen: 17.294 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.005 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104 Resp: 310258

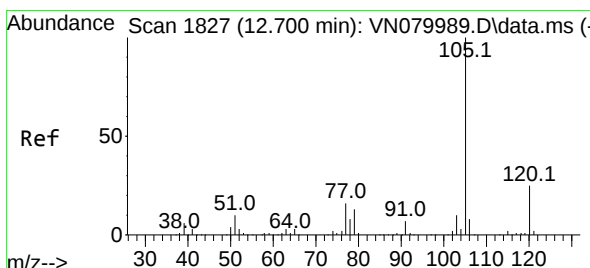
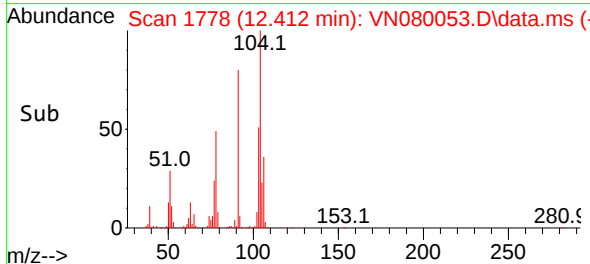
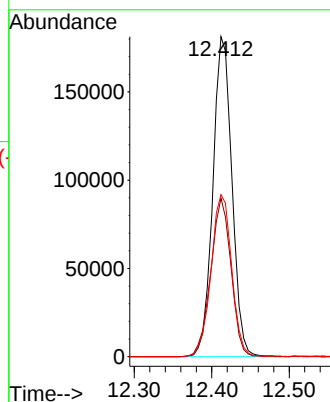
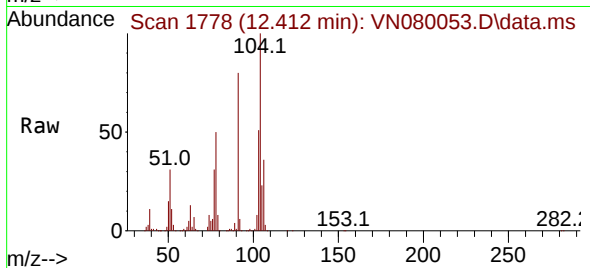
Ion	Ratio	Lower	Upper
104	100		
78	52.4	41.2	61.8
103	54.7	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#70

Isopropylbenzene

Concen: 17.351 ug/l

RT: 12.700 min Scan# 1827

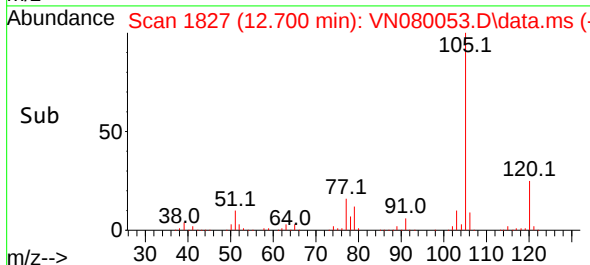
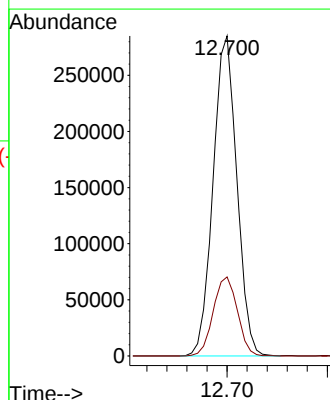
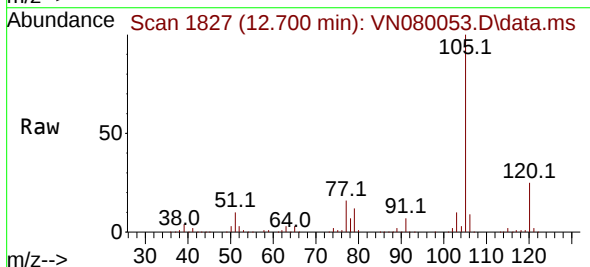
Delta R.T. 0.000 min

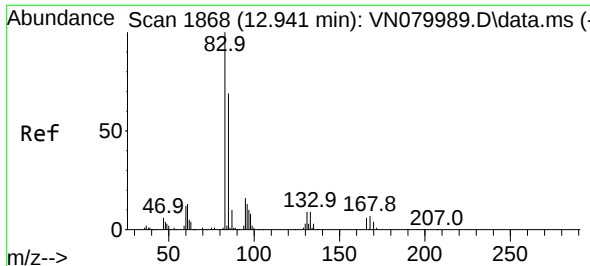
Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Tgt Ion:105 Resp: 469050

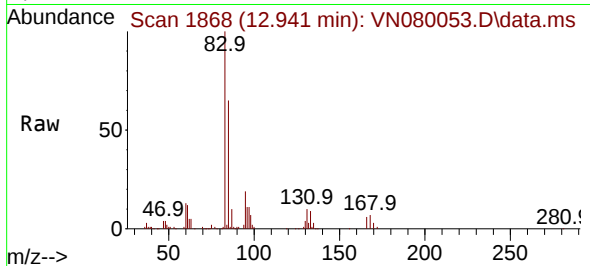
Ion	Ratio	Lower	Upper
105	100		
120	25.1	18.1	33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 15.880 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

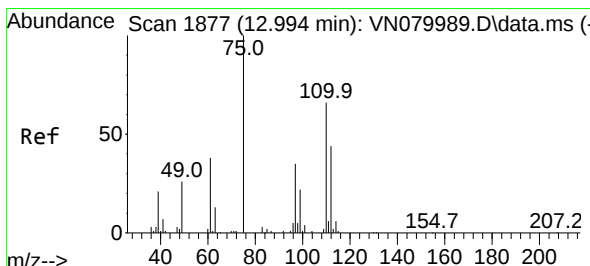
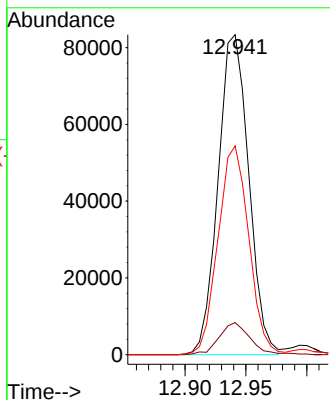
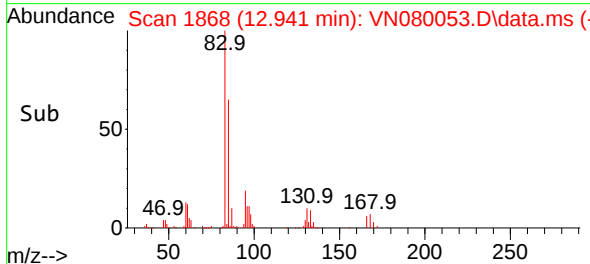
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



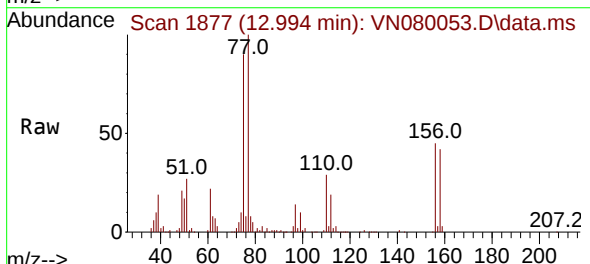
Tgt Ion: 83 Resp: 14621
Ion Ratio Lower Upper
83 100
131 9.9 4.5 13.4
85 65.5 32.1 96.3

Manual Integrations
APPROVED

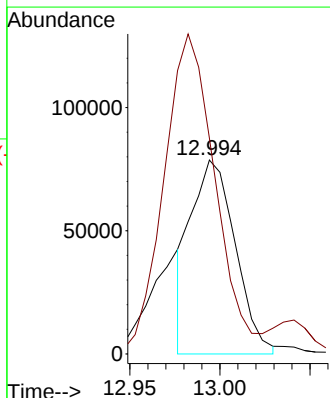
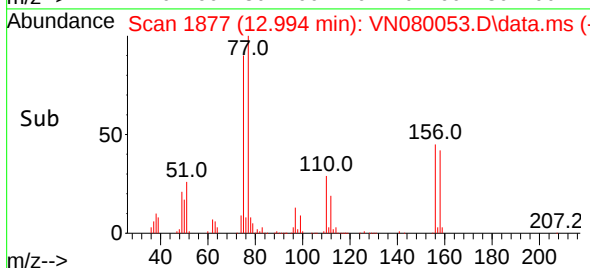
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

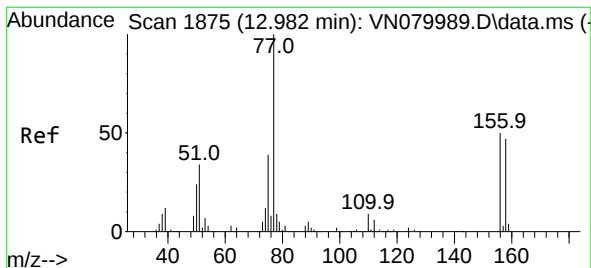


#72
1,2,3-Trichloropropane
Concen: 15.696 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31



Tgt Ion: 75 Resp: 134283
Ion Ratio Lower Upper
75 100
77 192.1 0.0 338.2





#73

Bromobenzene

Concen: 17.165 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

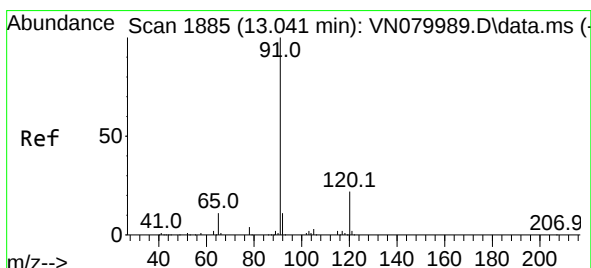
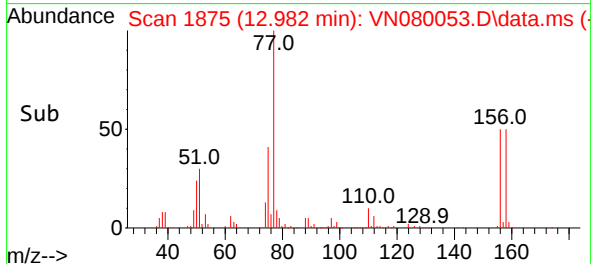
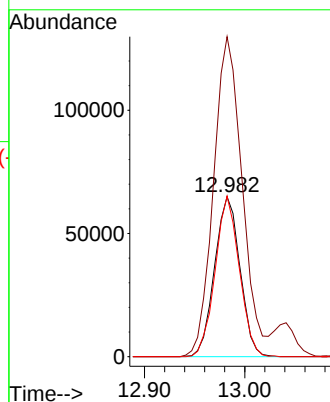
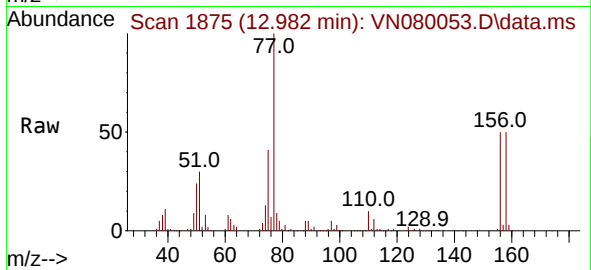
Tgt Ion:	156	Resp:	114070
Ion Ratio	Lower	Upper	
156	100		
77	226.2	0.0	448.2
158	95.8	0.0	194.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#74

n-propylbenzene

Concen: 16.837 ug/l

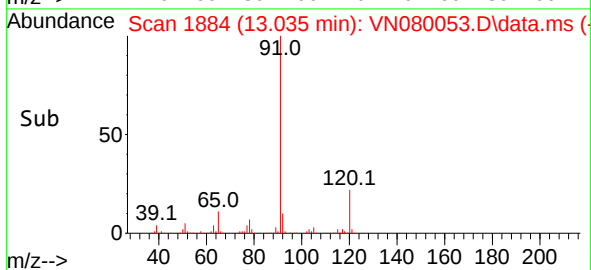
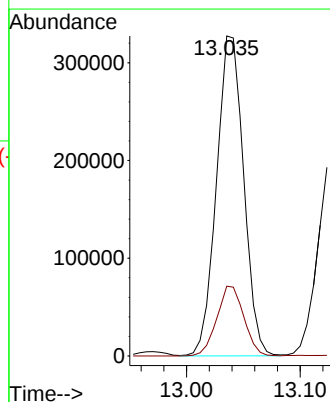
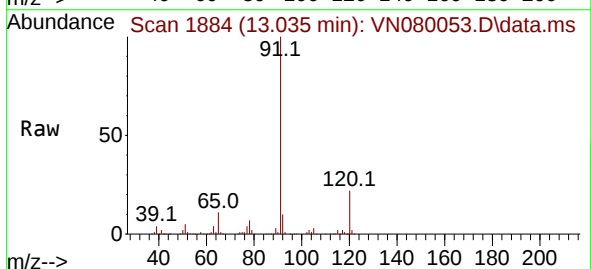
RT: 13.035 min Scan# 1884

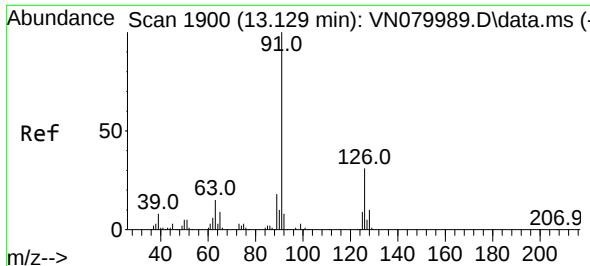
Delta R.T. -0.006 min

Lab File: VN080053.D

Acq: 10 Nov 2023 16:31

Tgt Ion:	91	Resp:	544492
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	42.0





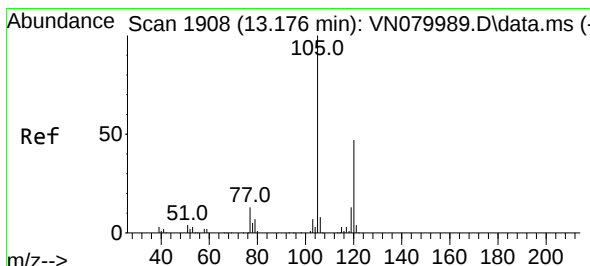
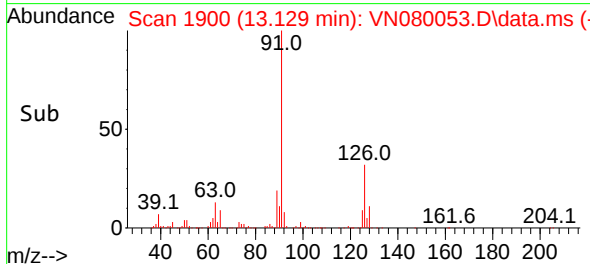
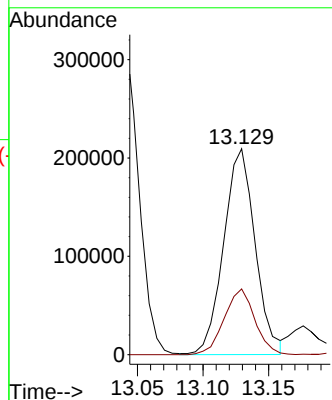
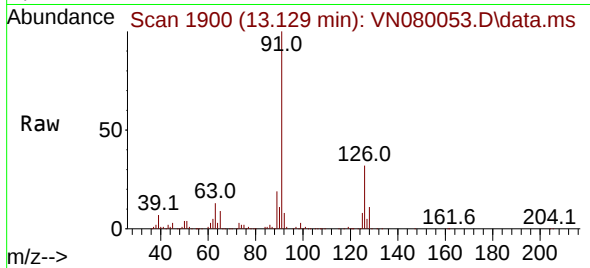
#75
2-Chlorotoluene
Concen: 17.024 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 34994
Ion Ratio Lower Upper
91 100
126 31.1 0.0 64.6

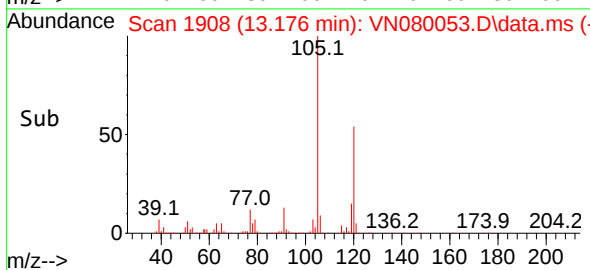
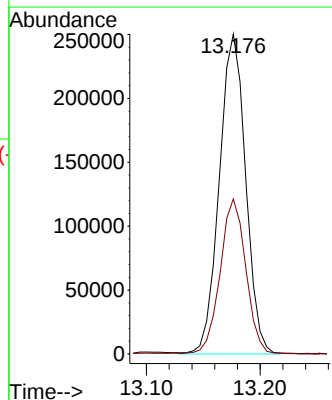
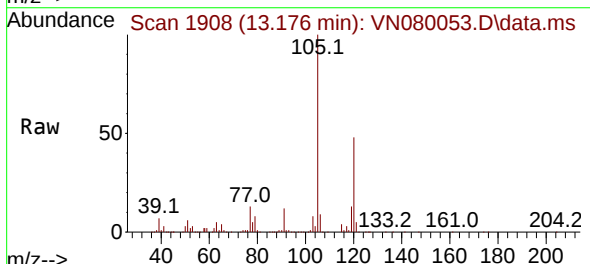
Manual Integrations
APPROVED

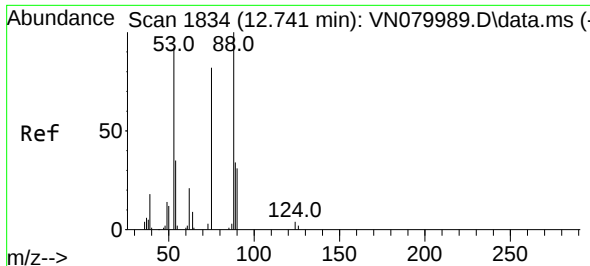
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.008 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

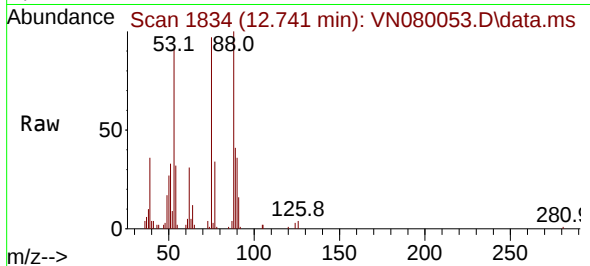
Tgt Ion:105 Resp: 402657
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 16.100 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

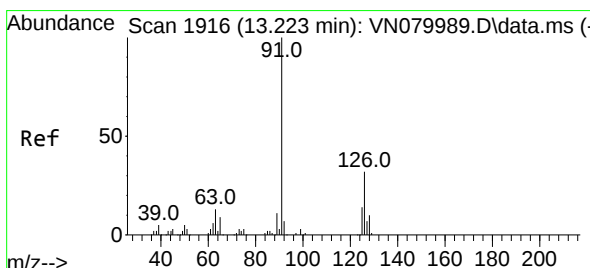
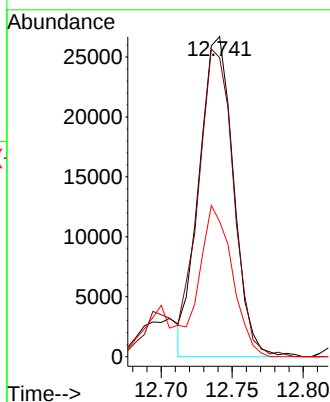
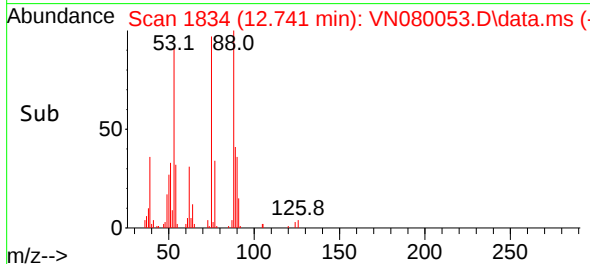
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 4510
Ion Ratio Lower Upper
75 100
53 92.6 53.0 159.1
89 42.5 22.6 67.7

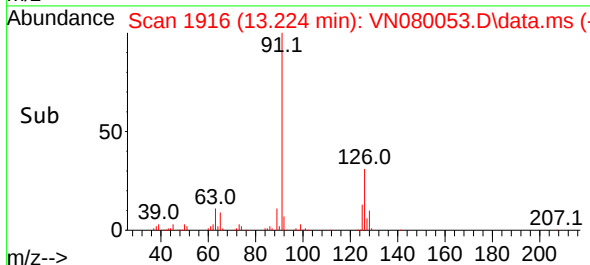
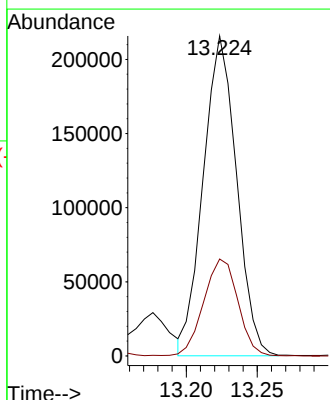
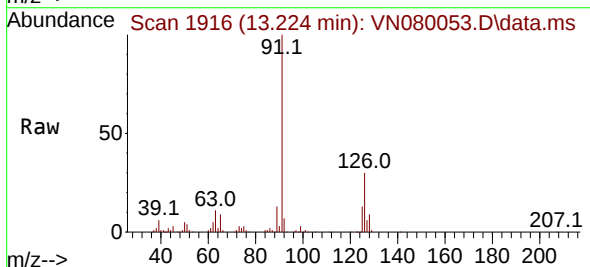
Manual Integrations
APPROVED

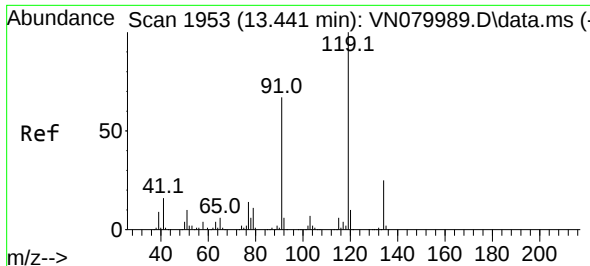
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#78
4-Chlorotoluene
Concen: 17.245 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 91 Resp: 352059
Ion Ratio Lower Upper
91 100
126 31.2 0.0 65.4





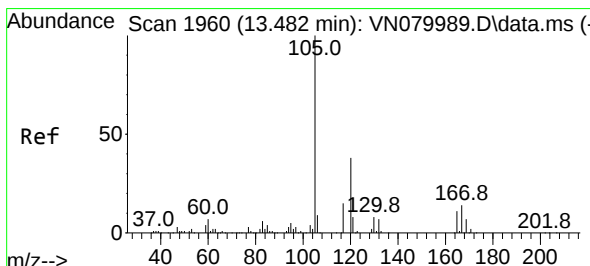
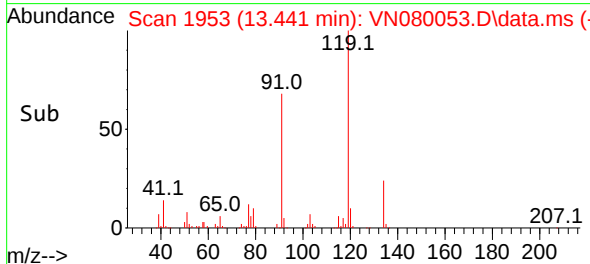
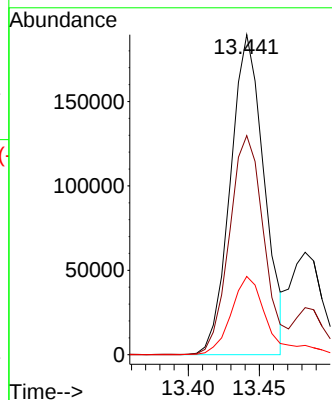
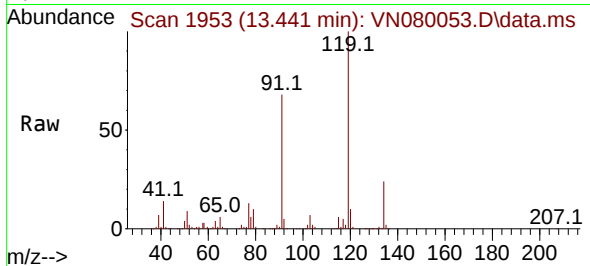
#79
tert-butylbenzene
Concen: 17.928 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 31392
Ion Ratio Lower Upper
119 100
91 70.3 0.0 140.6
134 24.8 0.0 49.8

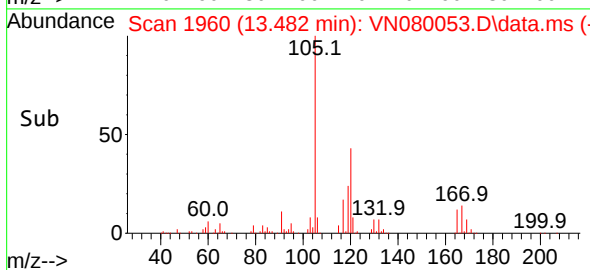
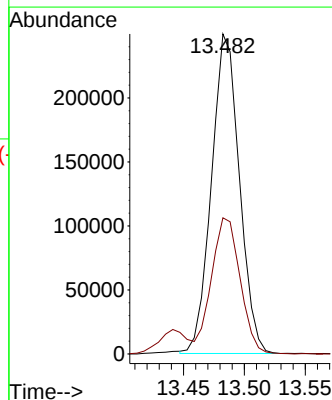
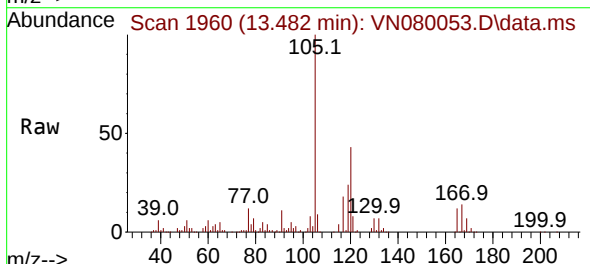
Manual Integrations
APPROVED

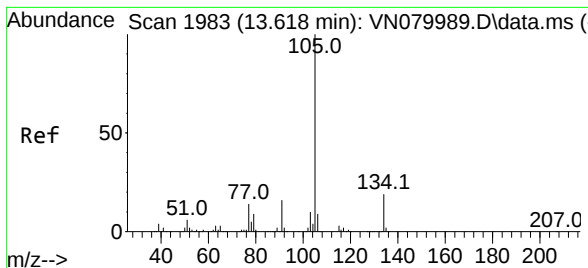
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.145 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

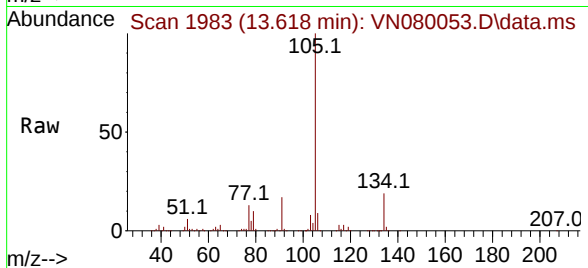
Tgt Ion:105 Resp: 397833
Ion Ratio Lower Upper
105 100
120 43.7 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 17.669 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN080053.D
 Acq: 10 Nov 2023 16:31

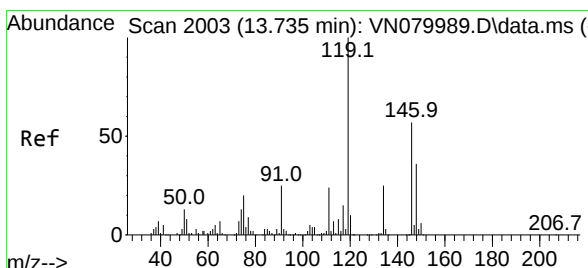
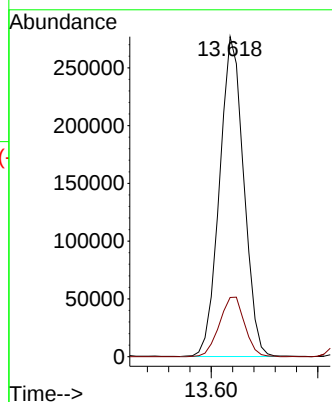
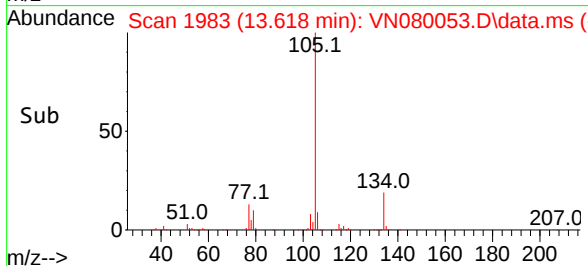
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



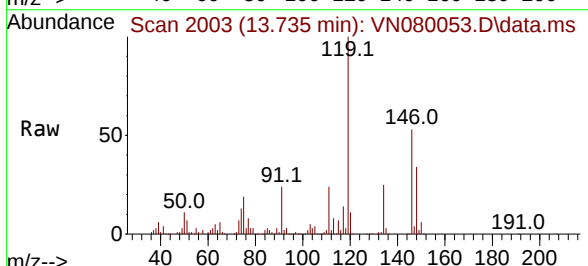
Tgt Ion:105 Resp: 436735
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.2

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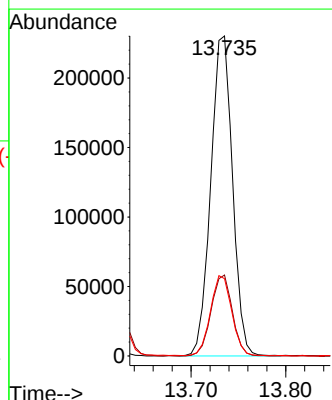
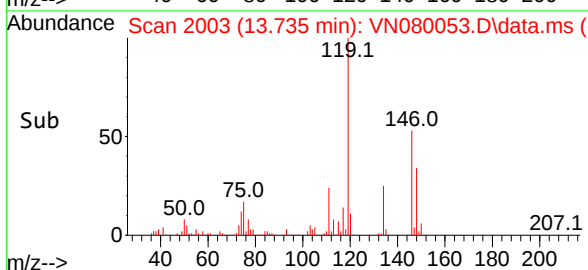
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023

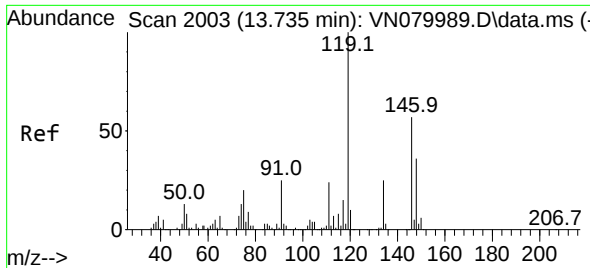


#82
 p-Isopropyltoluene
 Concen: 18.311 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080053.D
 Acq: 10 Nov 2023 16:31



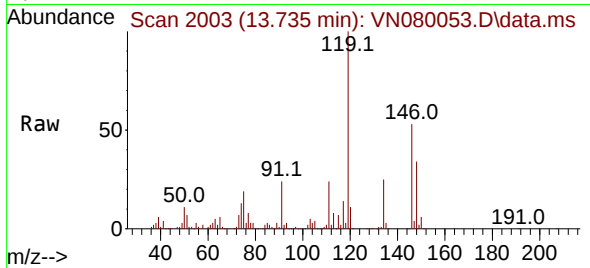
Tgt Ion:119 Resp: 367575
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 52.2
 91 24.7 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 17.239 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

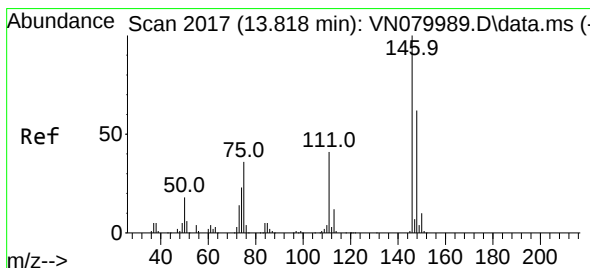
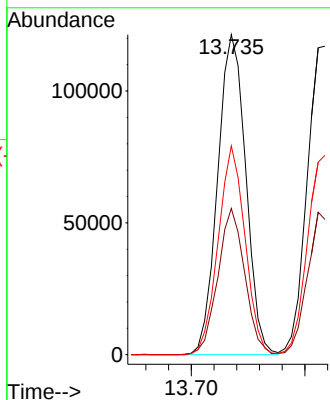
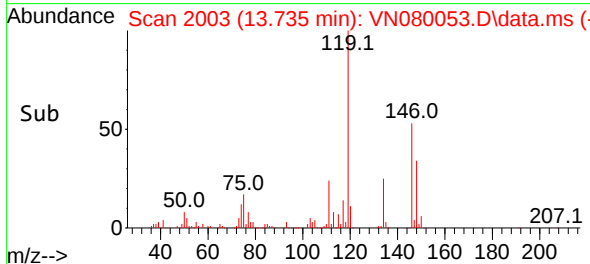
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



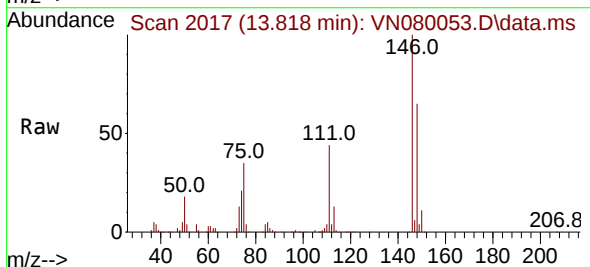
Tgt Ion:146 Resp: 208762
Ion Ratio Lower Upper
146 100
111 43.8 21.0 63.0
148 62.3 32.4 97.0

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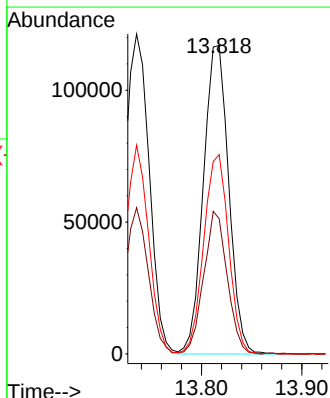
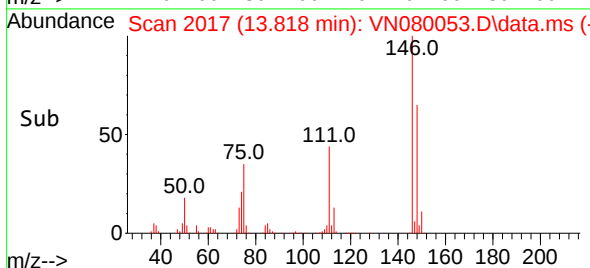
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

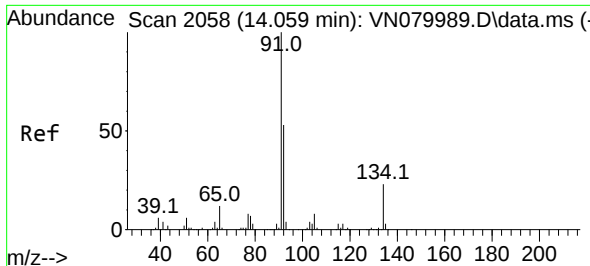


#84
1,4-Dichlorobenzene
Concen: 17.291 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31



Tgt Ion:146 Resp: 205525
Ion Ratio Lower Upper
146 100
111 43.1 19.9 59.7
148 63.5 32.6 97.7





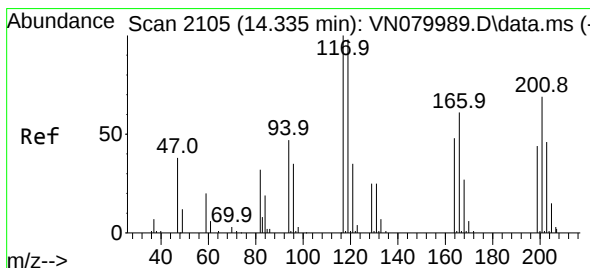
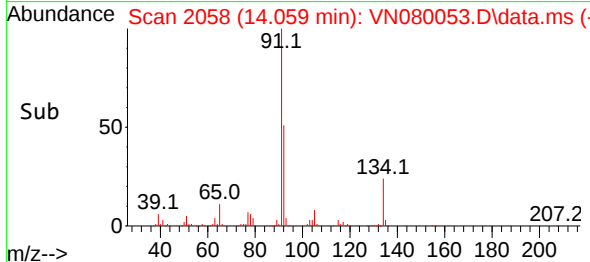
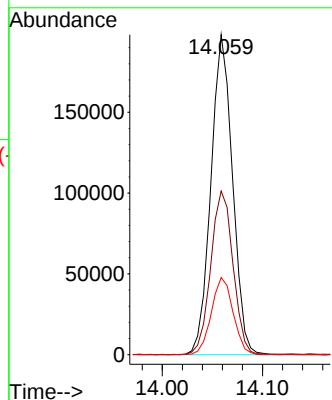
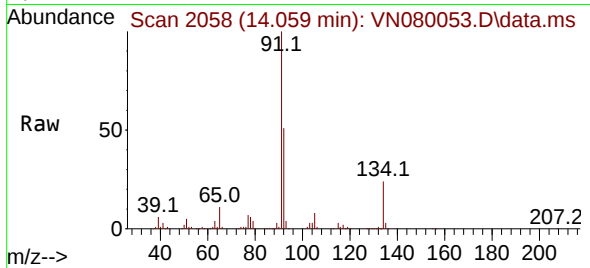
#85
n-Butylbenzene
Concen: 17.656 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 29643
Ion Ratio Lower Upper
91 100
92 52.8 0.0 99.6
134 24.3 0.0 46.2

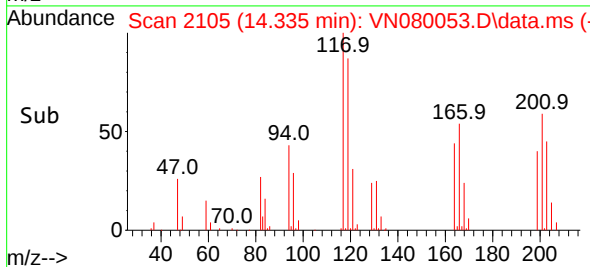
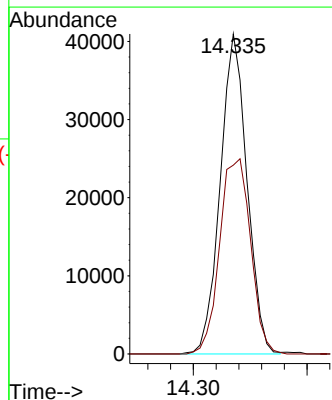
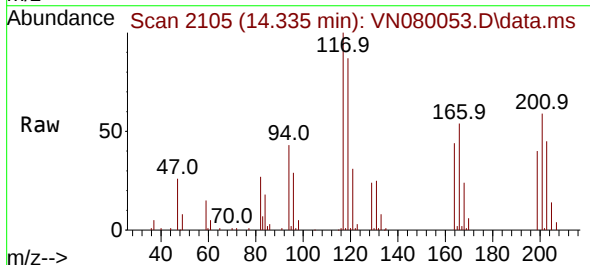
Manual Integrations
APPROVED

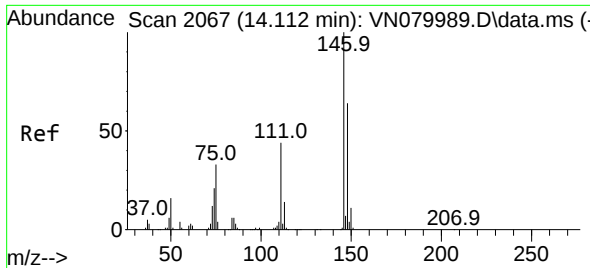
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#86
Hexachloroethane
Concen: 17.170 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion:117 Resp: 67022
Ion Ratio Lower Upper
117 100
201 70.5 32.5 97.5





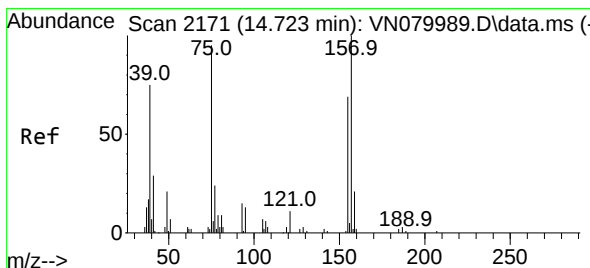
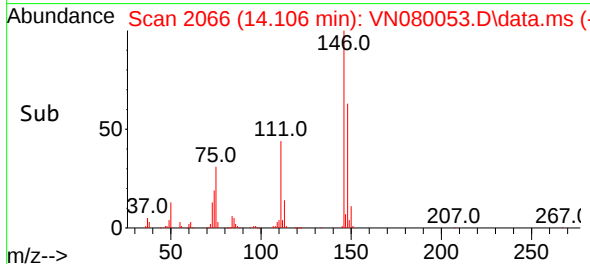
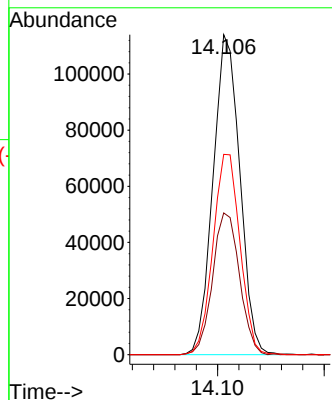
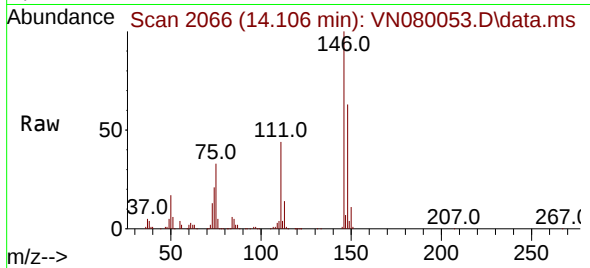
#87
1,2-Dichlorobenzene
Concen: 17.201 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.005 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 199010
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 63.2 31.1 93.5

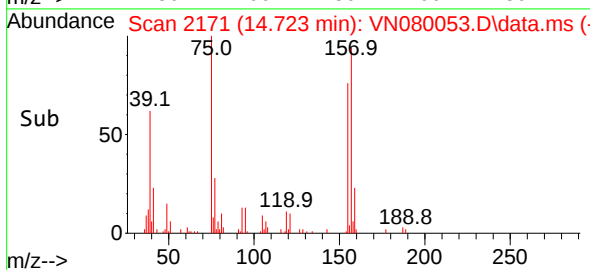
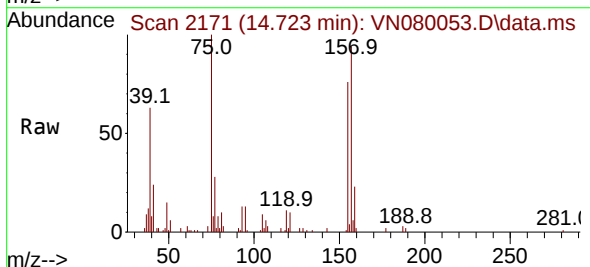
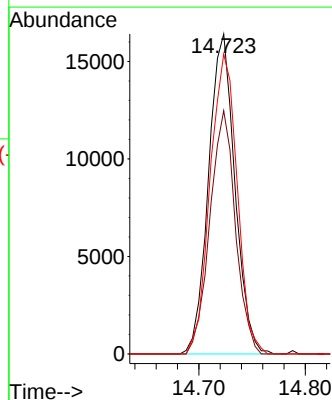
Manual Integrations
APPROVED

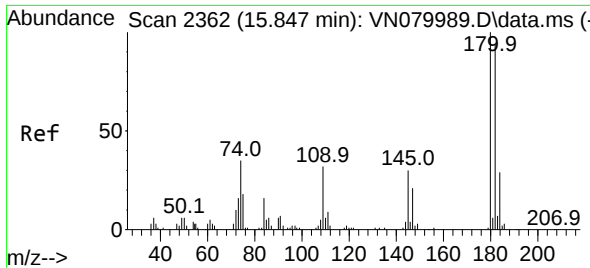
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.736 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion: 75 Resp: 28180
Ion Ratio Lower Upper
75 100
155 73.5 60.7 91.1
157 96.1 76.8 115.2





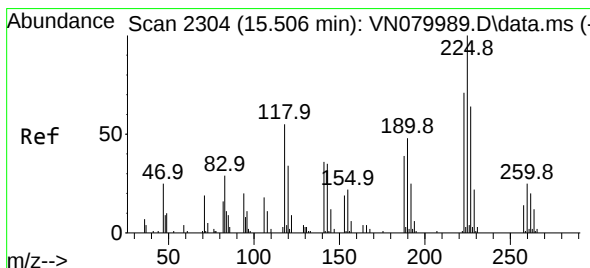
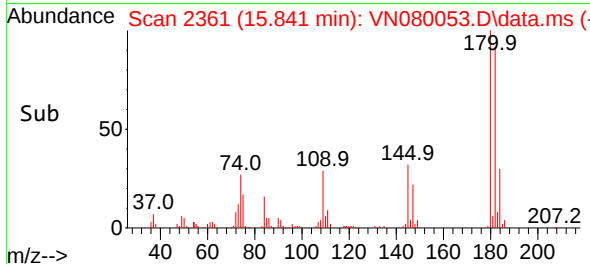
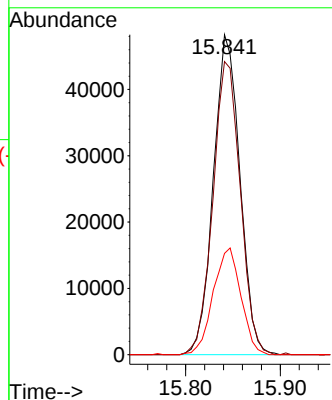
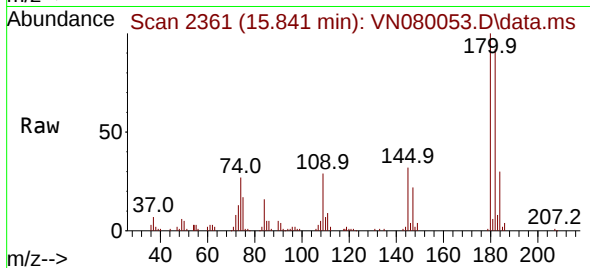
#89
1,2,4-Trichlorobenzene
Concen: 17.508 ug/l
RT: 15.841 min Scan# 2362
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 9384
Ion Ratio Lower Upper
180 100
182 94.5 74.2 111.4
145 34.8 25.4 38.2

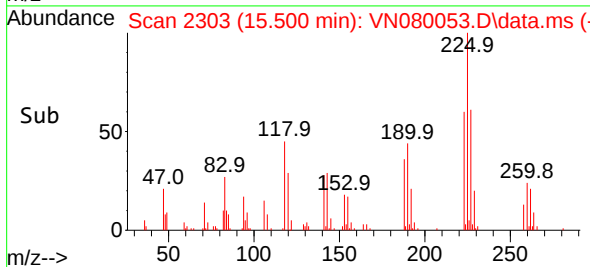
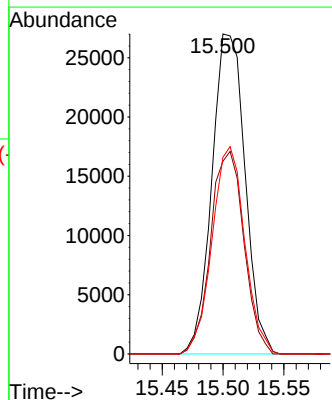
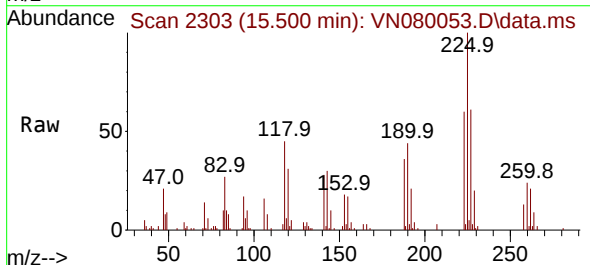
Manual Integrations
APPROVED

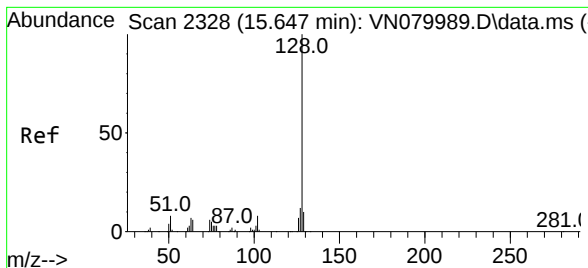
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#90
Hexachlorobutadiene
Concen: 19.387 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

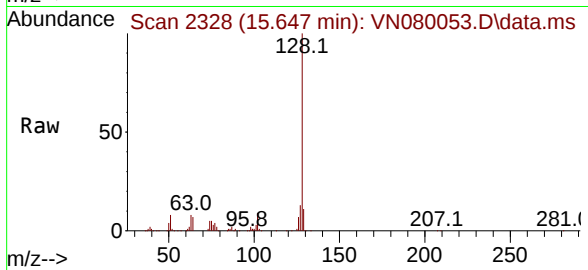
Tgt Ion:225 Resp: 51211
Ion Ratio Lower Upper
225 100
223 63.3 0.0 126.0
227 63.7 0.0 127.0





#91
Naphthalene
Concen: 17.170 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

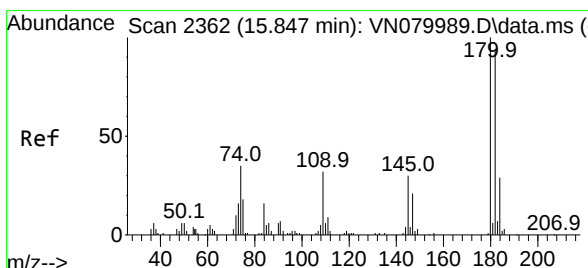
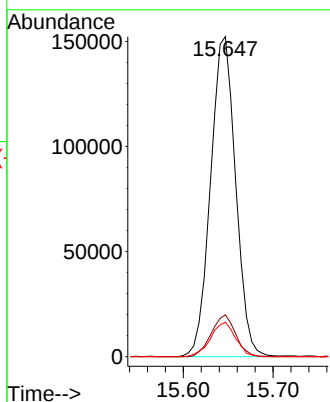
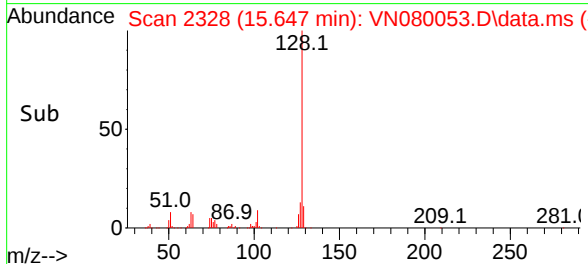
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 295339
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 10.7 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: 17.508 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080053.D
Acq: 10 Nov 2023 16:31

Tgt Ion:180 Resp: 93843
Ion Ratio Lower Upper
180 100
182 94.5 0.0 185.6
145 34.8 0.0 63.6

