

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079106.D
 Acq On : 29 Aug 2023 20:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 30 00:04:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Supervised By : Mahesh
 Dadoda
 09/01/2023

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

Internal Standards							
1) Bromochloromethane	7.818	128	35926	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	9.106	114	198832	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.871	117	178367	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.588	65	89940	30.901	ug/l	0.00	
Spiked Amount 30.000	Range	91 - 110	Recovery	= 103.000%			
60) 4-Bromofluorobenzene	12.853	95	79125	30.411	ug/l	0.00	
Spiked Amount 30.000	Range	63 - 112	Recovery	= 101.367%			
63) Toluene-d8	10.571	98	262566	31.522	ug/l	0.00	
Spiked Amount 30.000	Range	91 - 112	Recovery	= 105.067%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.130	85	45821	20.212	ug/l		94
3) Chloromethane	2.365	50	53522	19.700	ug/l		94
4) Vinyl Chloride	2.512	62	57541	21.399	ug/l		95
5) Bromomethane	2.954	94	33418	20.134	ug/l		98
6) Chloroethane	3.118	64	40168	22.987	ug/l		90
7) Trichlorofluoromethane	3.489	101	73884	20.400	ug/l		93
8) Diethyl Ether	3.965	74	24872	18.259	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.371	101	38229	20.211	ug/l		96
10) 1,1-Dichloroethene	4.336	96	36924	19.404	ug/l	#	94
11) Methyl Iodide	4.595	142	45831	19.958	ug/l		97
12) Methyl Acetate	5.036	43	95145	21.331	ug/l		100
13) Acrolein	4.265	56	174	0.560	ug/l		93
14) Acrylonitrile	5.724	53	127614	108.838	ug/l	#	92
15) Acetone	4.430	58	31682	88.085	ug/l		98
16) Carbon Disulfide	4.706	76	98853	18.079	ug/l	#	94
17) Allyl chloride	5.024	41	63700	18.263	ug/l		98
18) Methylene Chloride	5.289	84	46206	20.311	ug/l		87
19) trans-1,2-Dichloroethene	5.789	96	24732	11.548	ug/l		96
20) Diisopropyl ether	6.677	45	157952	20.819	ug/l	#	88
21) 1,1-Dichloroethane	6.571	63	88636	21.053	ug/l		96
22) cis-1,2-Dichloroethene	7.500	96	53563	21.851	ug/l		91
23) tert-Butyl Alcohol	5.536	59	44966	102.812	ug/l	#	100
24) Methyl tert-Butyl Ether	5.800	73	134925	19.974	ug/l		98
25) Chloroform	7.977	83	89463	21.094	ug/l		97
26) Cyclohexane	8.265	56	64647	20.992	ug/l	#	98
29) 1,1-Dichloropropene	8.371	75	61875	20.457	ug/l		98
30) 2-Butanone	7.494	43	179128	101.164	ug/l		100
31) 2,2-Dichloropropane	7.494	77	56174	16.804	ug/l		100
32) 1,1,1-Trichloroethane	8.177	97	74474	20.623	ug/l		96
33) Carbon Tetrachloride	8.365	117	66670	21.314	ug/l		96
34) Benzene	8.612	78	189842	20.944	ug/l		98
35) Methacrylonitrile	7.789	41	37732	19.993	ug/l		85
36) 1,2-Dichloroethane	8.677	62	70682	20.824	ug/l		98
37) Trichloroethene	9.359	130	44623	19.778	ug/l		89
38) Methylcyclohexane	9.606	83	55450	20.823	ug/l		97
39) 1,2-Dichloropropane	9.624	63	52618	21.551	ug/l		94
40) Dibromomethane	9.712	93	36136	22.080	ug/l		96
41) Bromodichloromethane	9.894	83	70340	21.372	ug/l	#	93
42) Vinyl Acetate	6.612	43	513687	102.896	ug/l		99

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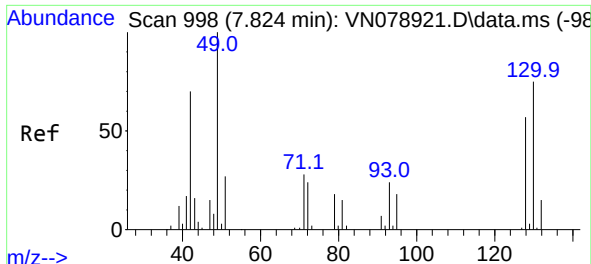
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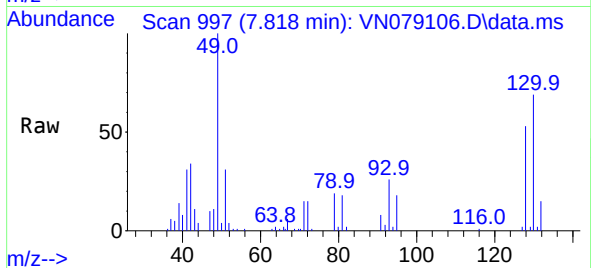
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.571	43	68265	19.872	ug/l	#	93
44) Isopropyl Acetate	8.694	43	142372	23.522	ug/l		95
45) 1,4-Dioxane	9.700	88	19986	438.785	ug/l		95
46) Methyl methacrylate	9.688	41	55347	20.754	ug/l		90
47) n-amyl Acetate	12.500	43	91568	19.714	ug/l		98
48) t-1,3-Dichloropropene	10.841	75	69072	19.705	ug/l		95
49) cis-1,3-Dichloropropene	10.318	75	77215	20.543	ug/l		99
50) 1,1,2-Trichloroethane	11.024	97	49137	22.218	ug/l		98
51) Ethyl methacrylate	10.882	69	71747	20.960	ug/l		99
52) 1,3-Dichloropropane	11.171	76	82666	20.869	ug/l		98
53) Dibromochloromethane	11.365	129	50950	21.048	ug/l		100
54) 1,2-Dibromoethane	11.477	107	47876	21.085	ug/l		95
55) 2-Chloroethyl vinyl ether	10.165	63	155751	98.440	ug/l		99
56) Bromoform	12.582	173	34944	20.461	ug/l	#	97
58) 4-Methyl-2-Pentanone	10.453	43	382254	108.016	ug/l		98
59) 2-Hexanone	11.200	43	279391	107.754	ug/l		99
61) Tetrachloroethene	11.112	164	38060	22.038	ug/l		95
62) Toluene	10.635	91	203464	20.894	ug/l		97
64) Chlorobenzene	11.900	112	120971	20.661	ug/l		89
65) 1,1,1,2-Tetrachloroethane	11.965	131	47299	21.127	ug/l		97
66) Ethyl Benzene	11.971	91	208510	20.470	ug/l		96
67) m/p-Xylenes	12.076	106	156777	41.280	ug/l		95
68) o-Xylene	12.400	106	78596	20.988	ug/l		96
69) Styrene	12.418	104	127876	21.016	ug/l		98
70) Isopropylbenzene	12.700	105	193330	21.307	ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.941	83	76976	22.631	ug/l		98
72) 1,2,3-Trichloropropane	13.000	75	67075m	24.038	ug/l		
73) Bromobenzene	12.988	156	46844	20.279	ug/l		96
74) n-propylbenzene	13.041	91	224746	21.856	ug/l		98
75) 2-Chlorotoluene	13.129	91	139694	21.414	ug/l		97
76) 1,3,5-Trimethylbenzene	13.176	105	163623	22.749	ug/l		95
77) t-1,4-Dichloro-2-butene	12.741	75	19193	18.509	ug/l		86
78) 4-Chlorotoluene	13.223	91	133032	21.286	ug/l		98
79) tert-butylbenzene	13.447	119	133093	21.898	ug/l		97
80) 1,2,4-Trimethylbenzene	13.488	105	157882	22.323	ug/l		99
81) sec-Butylbenzene	13.623	105	182856	22.796	ug/l		98
82) p-Isopropyltoluene	13.735	119	145743	22.254	ug/l		98
83) 1,3-Dichlorobenzene	13.741	146	82112	22.027	ug/l		94
84) 1,4-Dichlorobenzene	13.818	146	75242	20.558	ug/l		99
85) n-Butylbenzene	14.065	91	109609	21.280	ug/l		99
86) Hexachloroethane	14.335	117	31170	23.261	ug/l		95
87) 1,2-Dichlorobenzene	14.112	146	83616	21.899	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12734	20.859	ug/l		91
89) 1,2,4-Trichlorobenzene	15.847	180	29965	19.872	ug/l		99
90) Hexachlorobutadiene	15.506	225	16947	21.587	ug/l		95
91) Naphthalene	15.647	128	73401	16.877	ug/l		98
92) 1,2,3-Trichlorobenzene	15.847	180	29965	19.872	ug/l		99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079106.D
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MSVOA_N
ClientSampleId :
VSTDCCC020

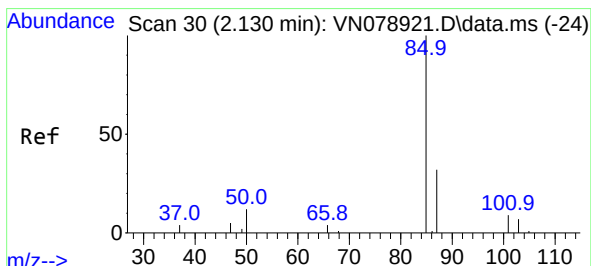
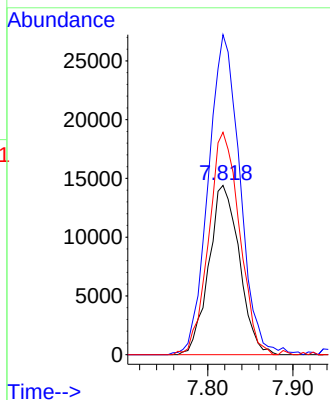
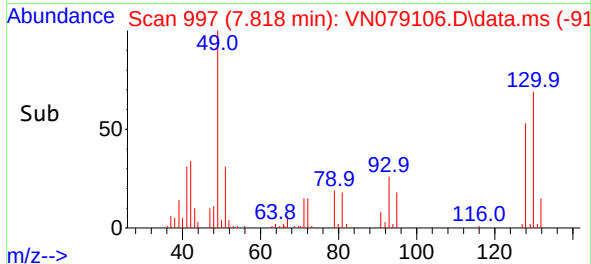


Tgt Ion:128 Resp: 35920
Ion Ratio Lower Upper
128 100
49 194.5 0.0 481.8
130 132.1 0.0 320.5

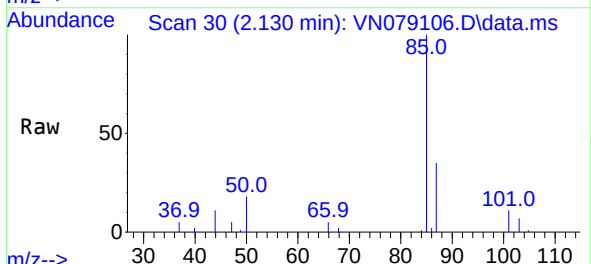
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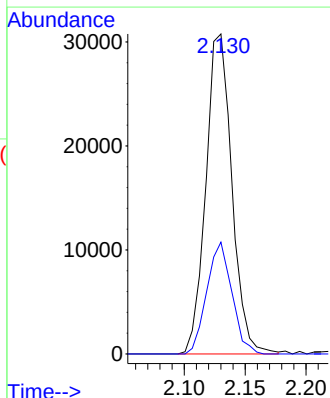
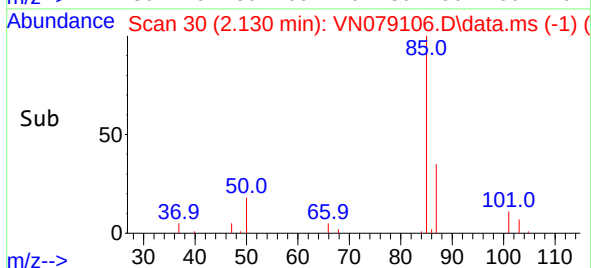
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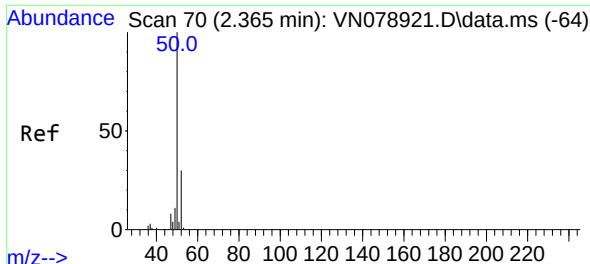


#2
Dichlorodifluoromethane
Concen: 20.212 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



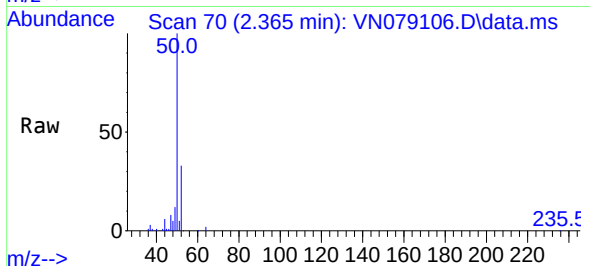
Tgt Ion: 85 Resp: 45821
Ion Ratio Lower Upper
85 100
87 35.0 15.9 47.7





#3
Chloromethane
Concen: 19.700 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

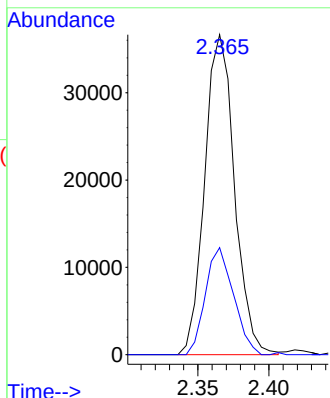
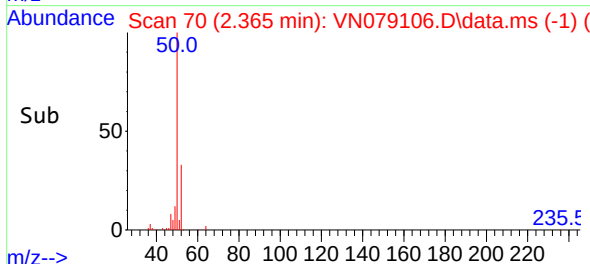
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



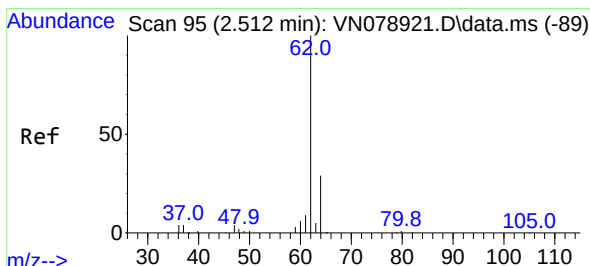
Tgt Ion: 50 Resp: 5352
Ion Ratio Lower Upper
50 100
52 33.5 24.2 36.4

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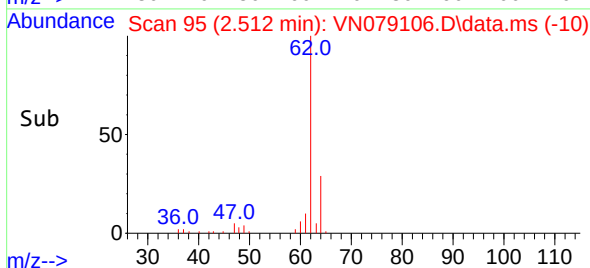
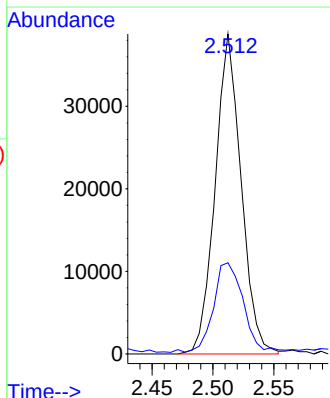
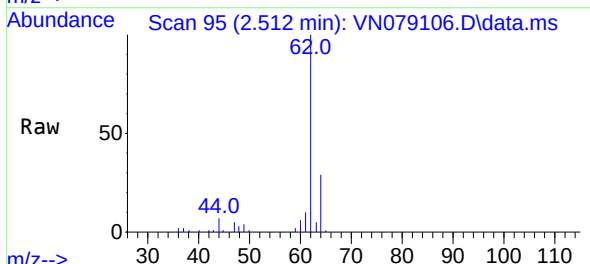


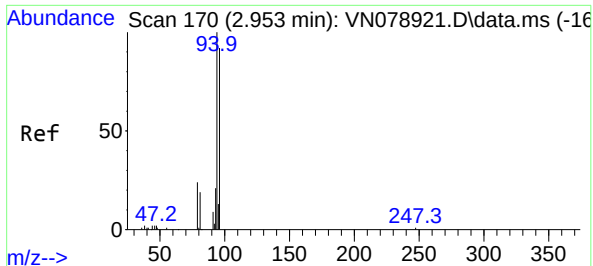
Supervised By :Mahesh
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09/01/2023



#4
Vinyl Chloride
Concen: 21.399 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

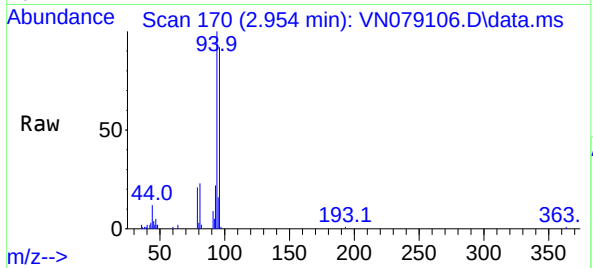
Tgt Ion: 62 Resp: 57541
Ion Ratio Lower Upper
62 100
64 27.2 23.8 35.8





#5
Bromomethane
Concen: 20.134 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

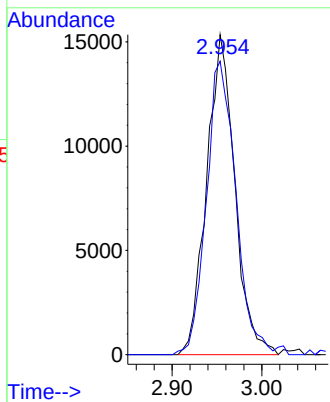
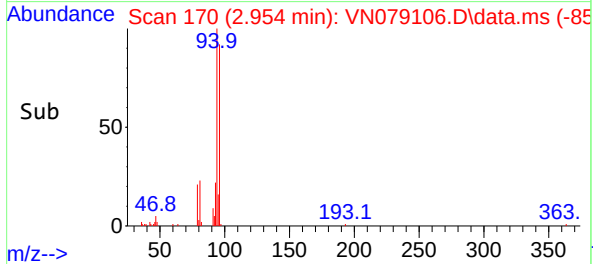
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ClientSampleId :
VSTDCCC020



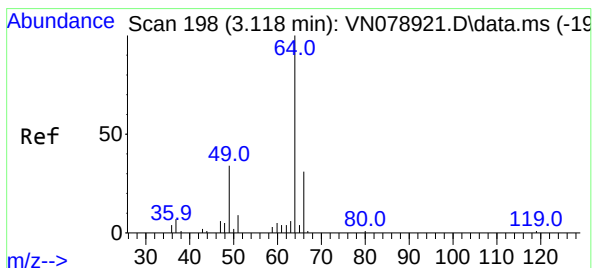
Tgt Ion: 94 Resp: 33418
Ion Ratio Lower Upper
94 100
96 90.6 73.6 110.4

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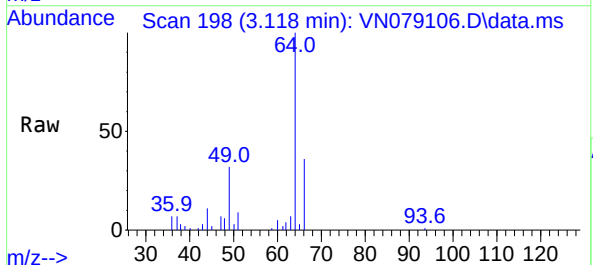
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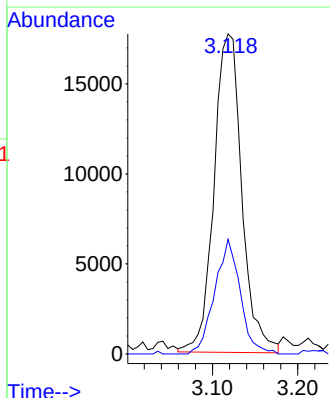
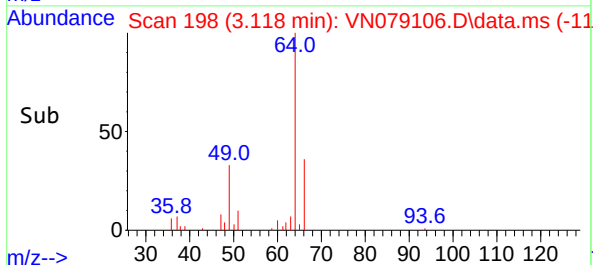
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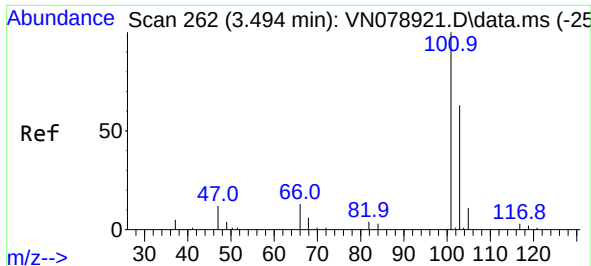


#6
Chloroethane
Concen: 22.987 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



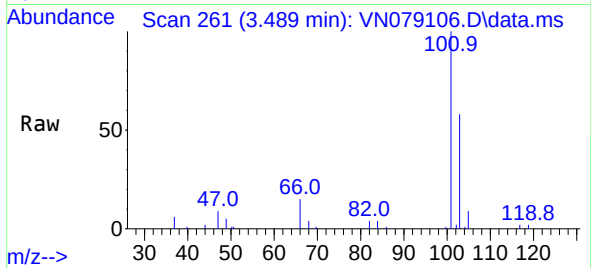
Tgt Ion: 64 Resp: 40168
Ion Ratio Lower Upper
64 100
66 36.4 24.9 37.3





#7
Trichlorofluoromethane
Concen: 20.400 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

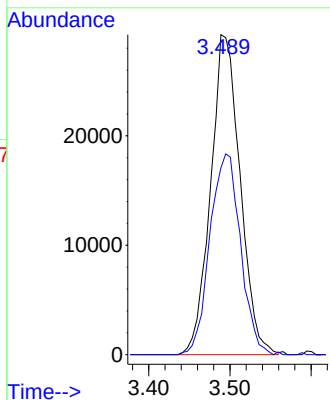
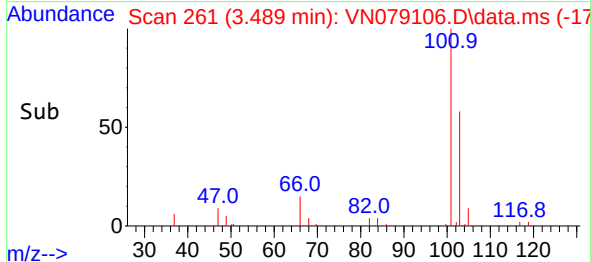
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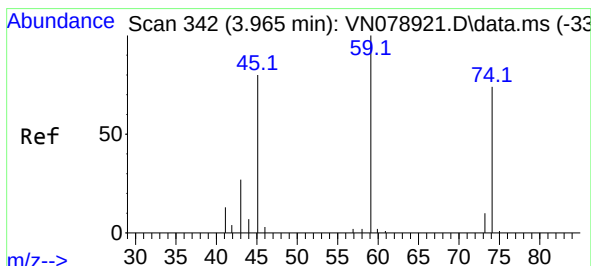
Tgt Ion:101 Resp: 73884
Ion Ratio Lower Upper
101 100
103 58.4 50.9 76.3

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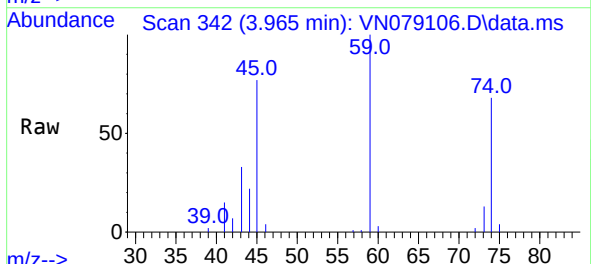
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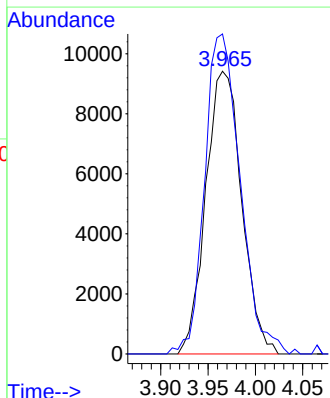
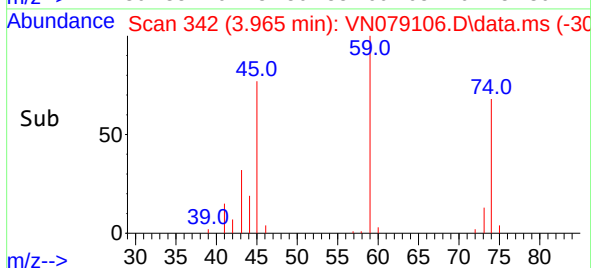
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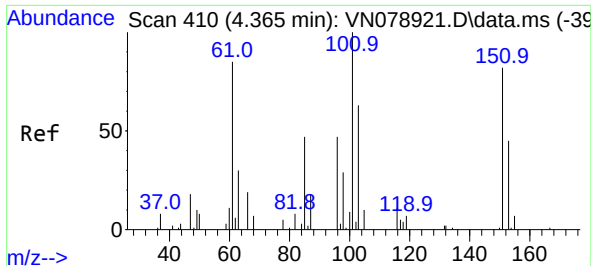


#8
Diethyl Ether
Concen: 18.259 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



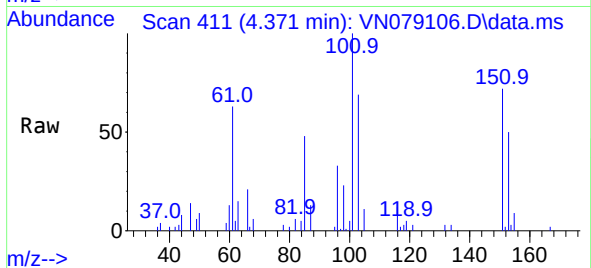
Tgt Ion: 74 Resp: 24872
Ion Ratio Lower Upper
74 100
45 111.9 21.3 191.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.211 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
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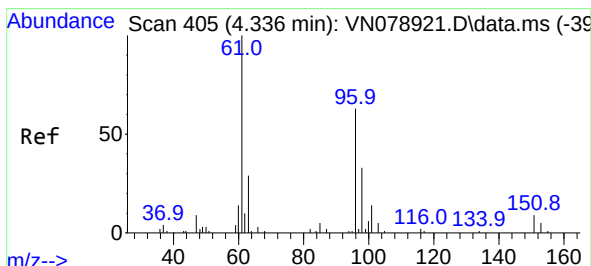
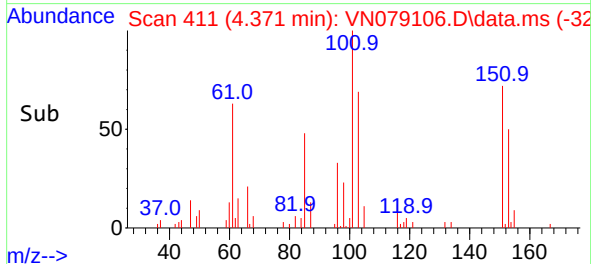
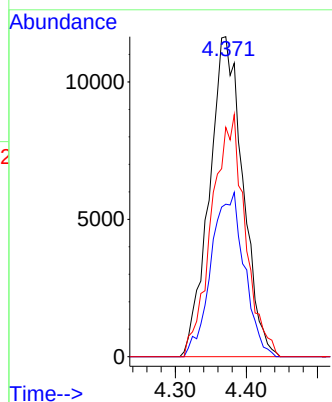


Tgt Ion:101 Resp: 38229
Ion Ratio Lower Upper
101 100
85 30.8 0.0 65.4
151 75.2 0.0 156.8

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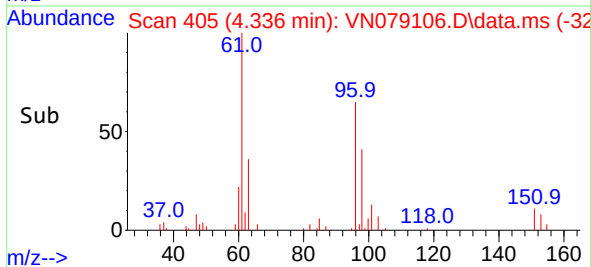
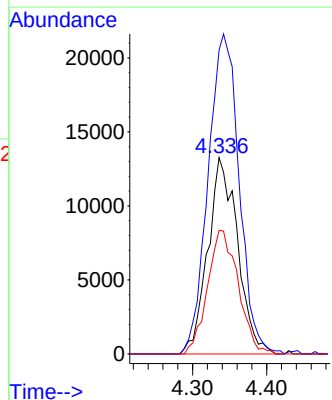
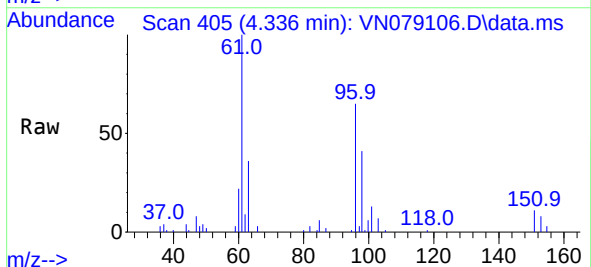
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

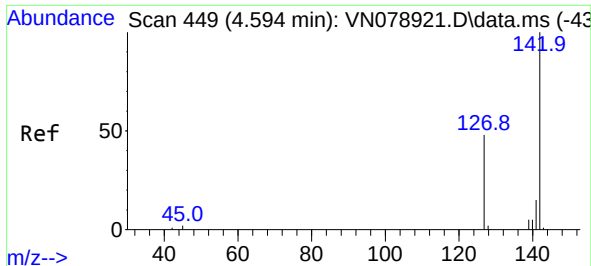
Supervised By :Mahesh
Dadoda
09/01/2023



#10
1,1-Dichloroethene
Concen: 19.404 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion: 96 Resp: 36924
Ion Ratio Lower Upper
96 100
61 154.9 126.2 189.4
98 63.1 41.7 62.5#





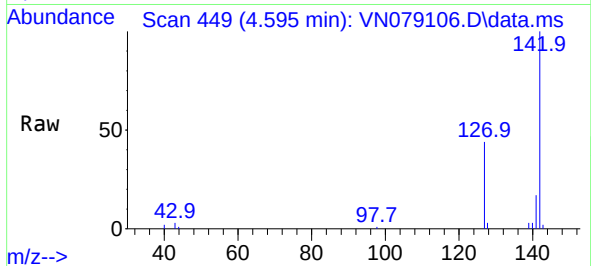
#11
Methyl Iodide
Concen: 19.958 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:142 Resp: 4583
Ion Ratio Lower Upper
142 100
127 46.1 24.3 72.9
141 15.6 7.3 22.0

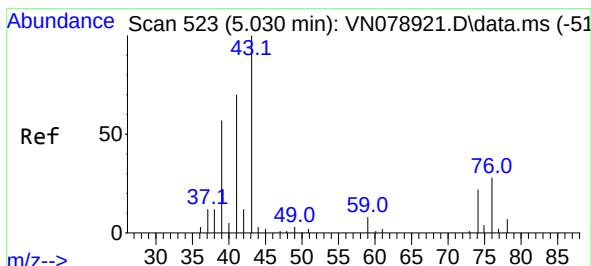
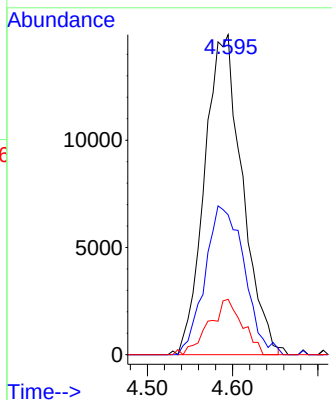
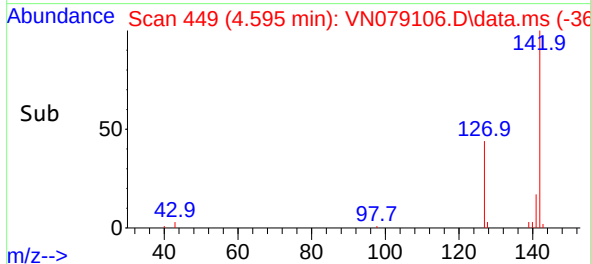
Manual Integrations

APPROVED

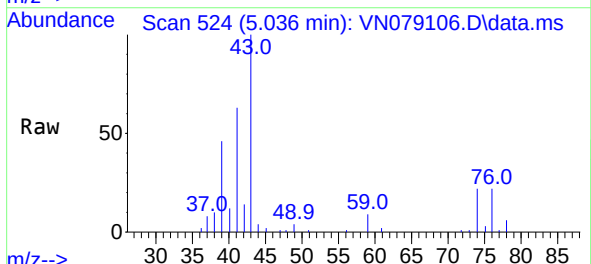
Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023

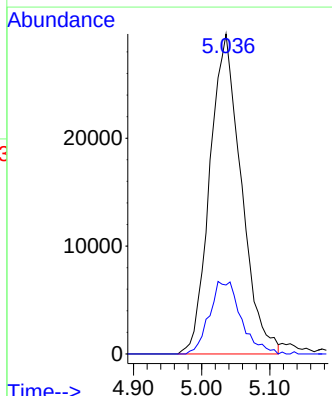
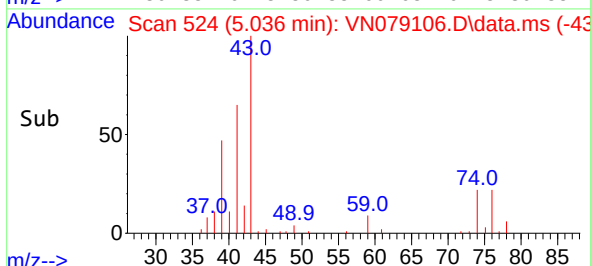
Supervised By :Mahesh
Dadoda
09/01/2023

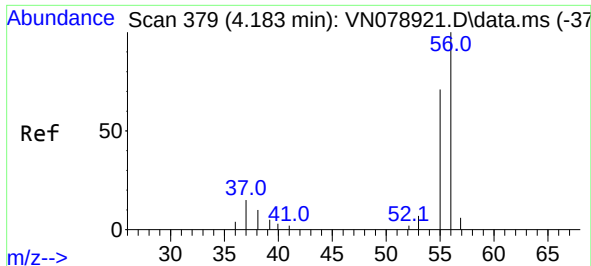


#12
Methyl Acetate
Concen: 21.331 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



Tgt Ion: 43 Resp: 95145
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





#13

Acrolein

Concen: 0.560 ug/l

RT: 4.265 min Scan# 393

Delta R.T. 0.083 min

Lab File: VN079106.D

Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 174

Ion Ratio Lower Upper

56 100

55 74.1 54.5 81.7

Manual Integrations

APPROVED

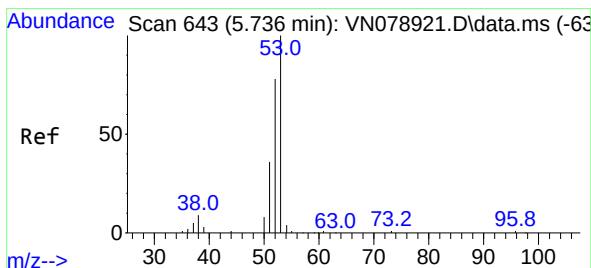
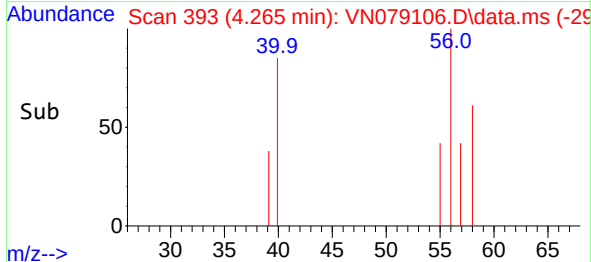
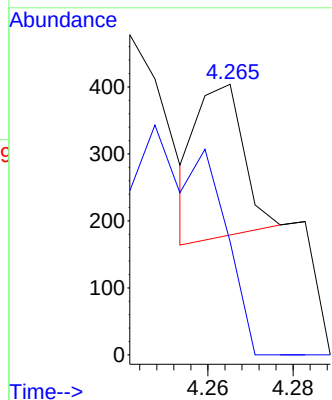
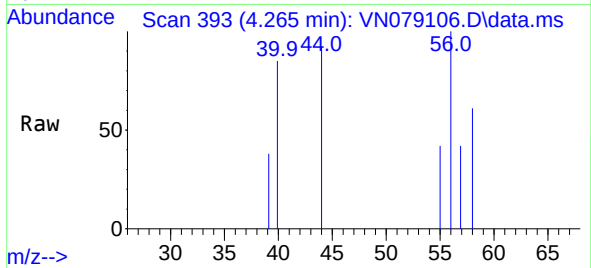
Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023

Supervised By :Mahesh

Dadoda

09/01/2023



#14

Acrylonitrile

Concen: 108.838 ug/l

RT: 5.724 min Scan# 641

Delta R.T. -0.012 min

Lab File: VN079106.D

Acq: 29 Aug 2023 20:08

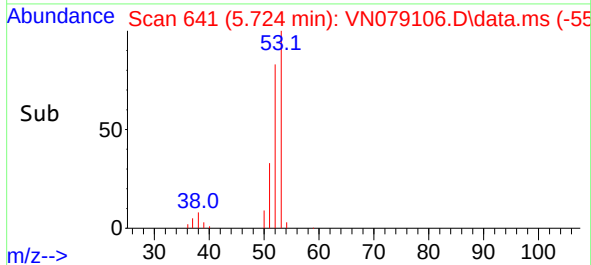
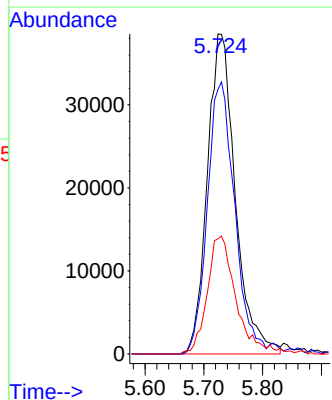
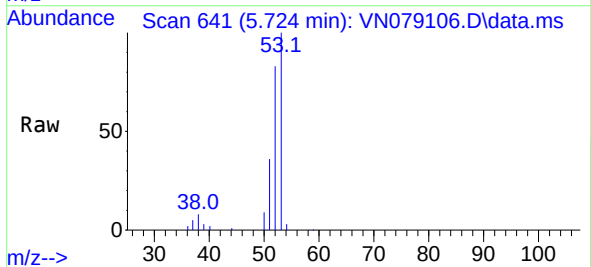
Tgt Ion: 53 Resp: 127614

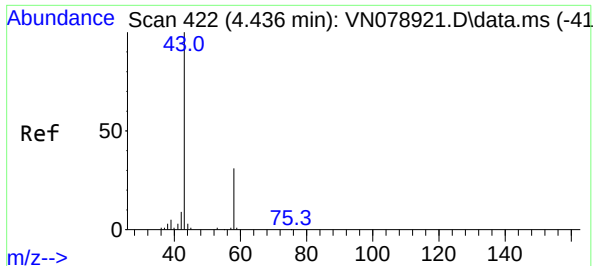
Ion Ratio Lower Upper

53 100

52 82.7 41.9 125.6

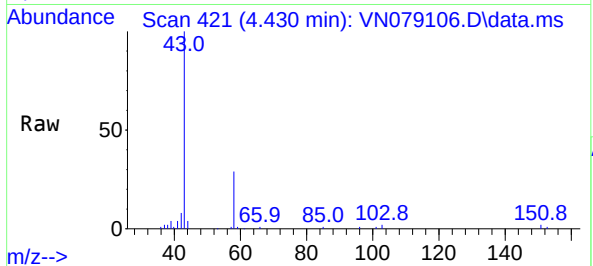
51 36.8 10.1 30.1#





#15
Acetone
Concen: 88.085 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

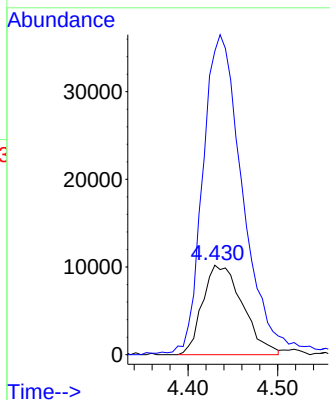
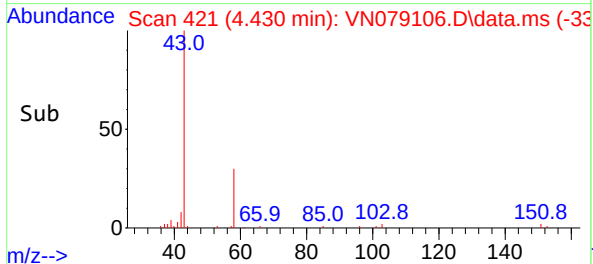
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



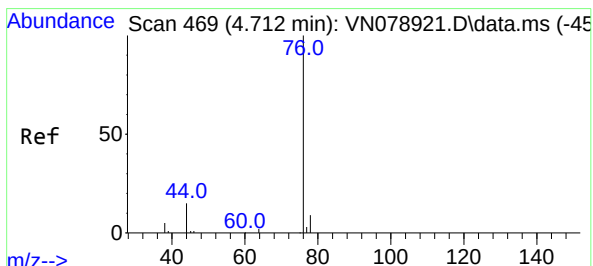
Tgt Ion: 58 Resp: 3168
Ion Ratio Lower Upper
58 100
43 329.7 260.6 390.8

Manual Integrations
APPROVED

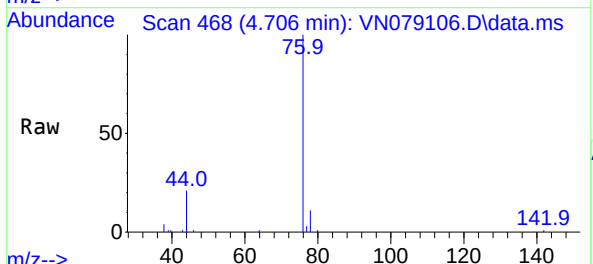
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



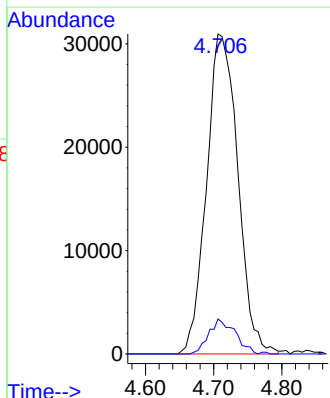
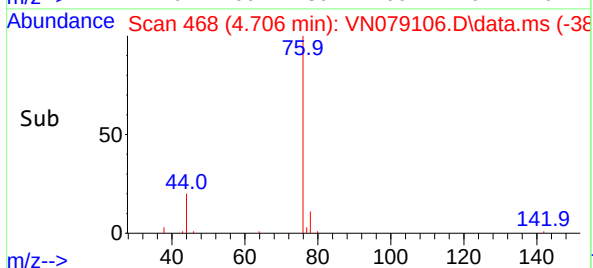
Supervised By :Mahesh
Dadoda
09/01/2023

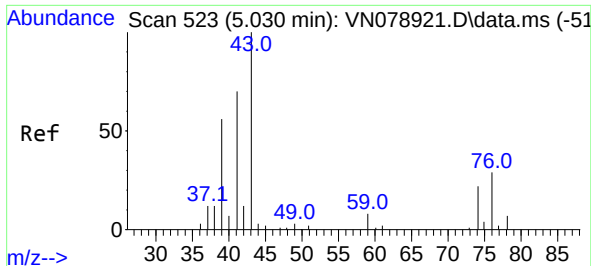


#16
Carbon Disulfide
Concen: 18.079 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



Tgt Ion: 76 Resp: 98853
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.6#





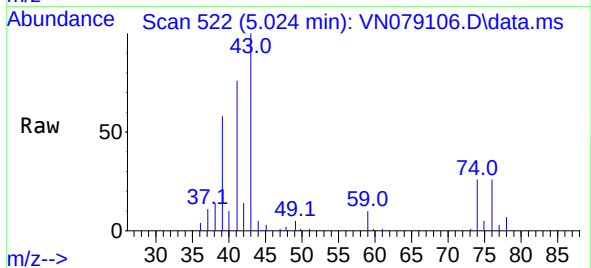
#17
 Allyl chloride
 Concen: 18.263 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN079106.D
 Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



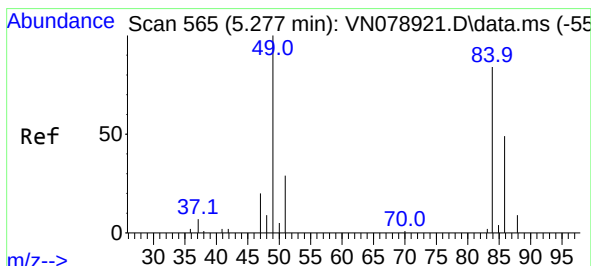
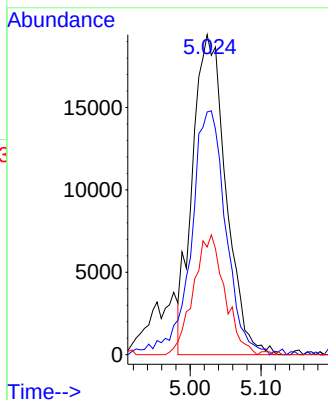
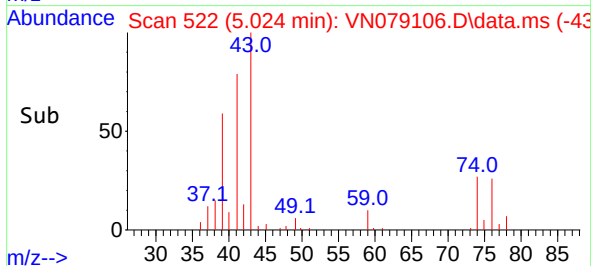
Tgt Ion: 41 Resp: 63700
 Ion Ratio Lower Upper
 41 100
 39 75.0 36.9 110.7
 76 32.7 17.3 51.9

Manual Integrations

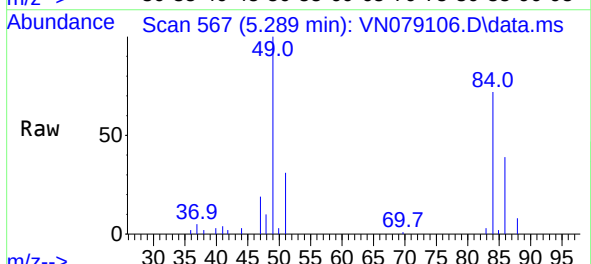
APPROVED

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

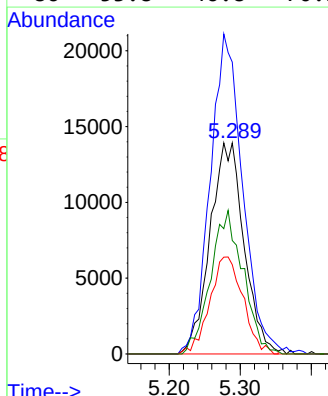
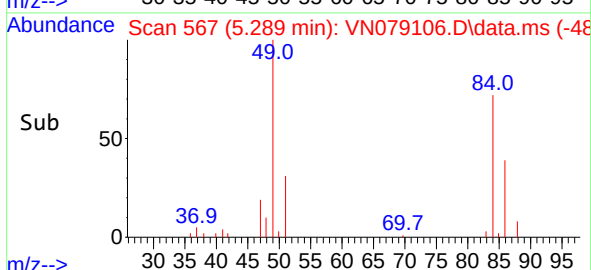
Supervised By :Mahesh
 Dadoda
 09/01/2023

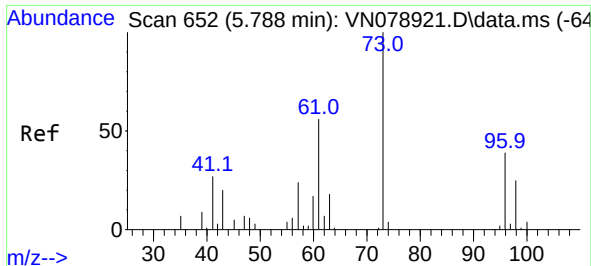


#18
 Methylene Chloride
 Concen: 20.311 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: VN079106.D
 Acq: 29 Aug 2023 20:08



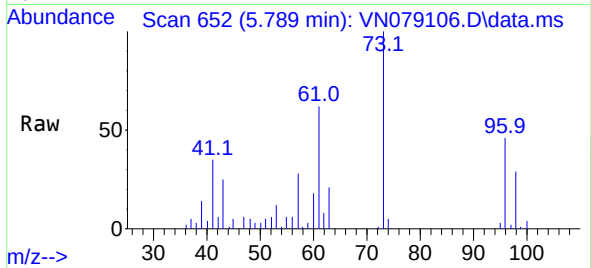
Tgt Ion: 84 Resp: 46206
 Ion Ratio Lower Upper
 84 100
 49 138.2 95.8 143.6
 51 42.3 28.6 43.0
 86 53.8 46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 11.548 ug/l
RT: 5.789 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

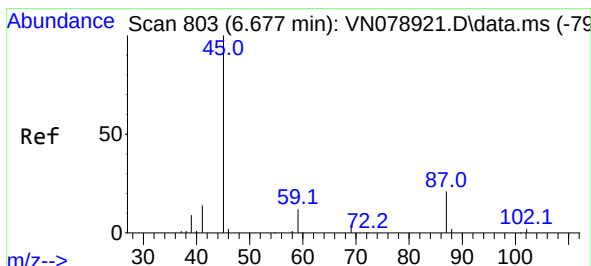
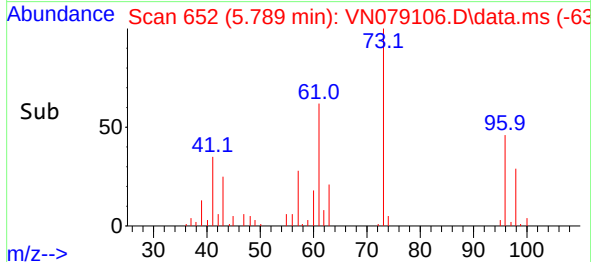
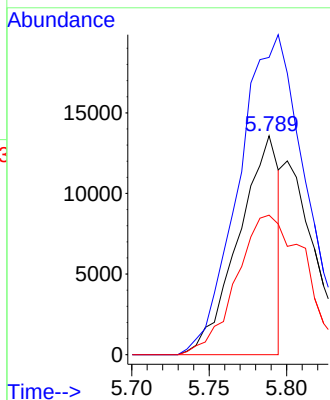


Tgt Ion: 96 Resp: 24732
Ion Ratio Lower Upper
96 100
61 135.8 114.0 171.0
98 63.7 50.6 76.0

Manual Integrations
APPROVED

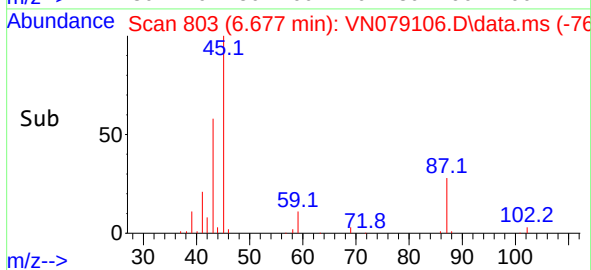
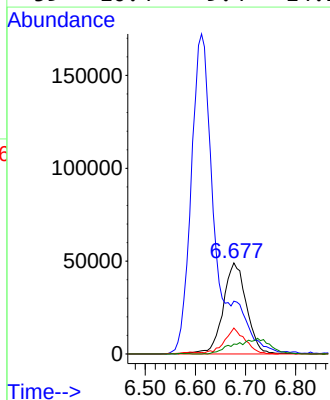
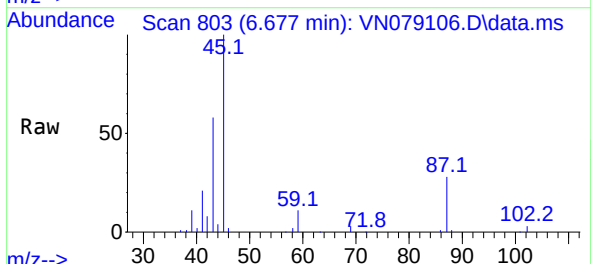
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

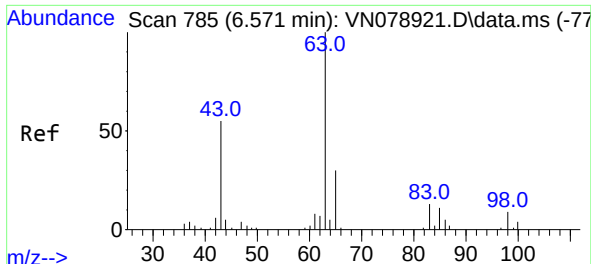
Supervised By :Mahesh
Dadoda
09/01/2023



#20
Diisopropyl ether
Concen: 20.819 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion: 45 Resp: 157952
Ion Ratio Lower Upper
45 100
43 55.5 37.4 56.2
87 28.5 17.3 25.9#
59 10.4 9.4 14.2





#21
1,1-Dichloroethane
Concen: 21.053 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

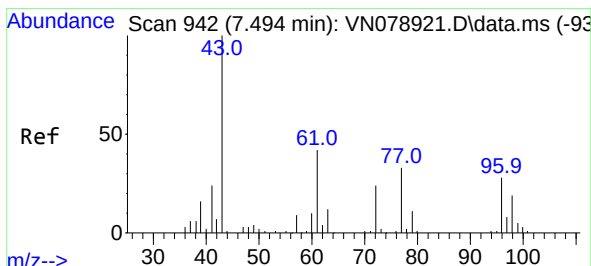
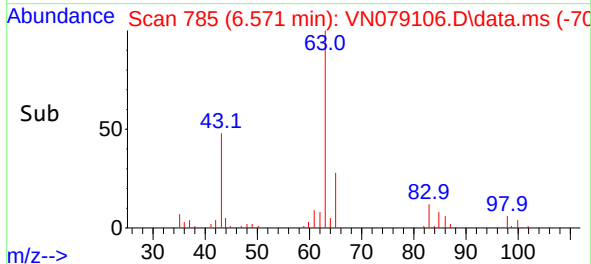
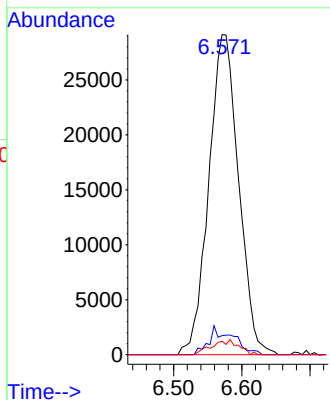
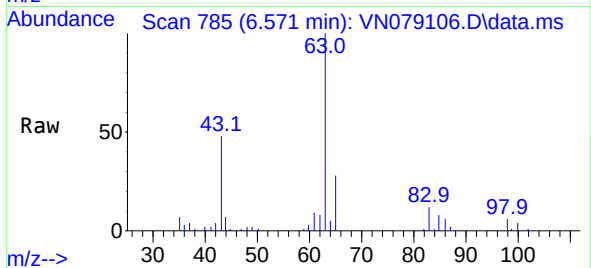
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 88630
Ion Ratio Lower Upper
63 100
98 6.5 4.4 13.2
100 4.2 2.1 6.5

Manual Integrations
APPROVED

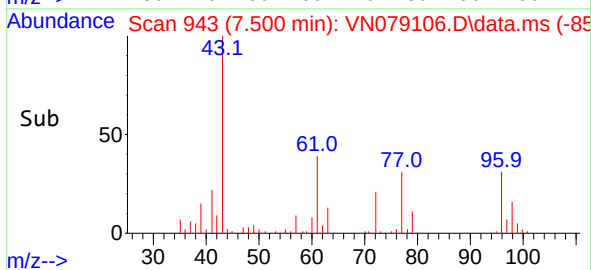
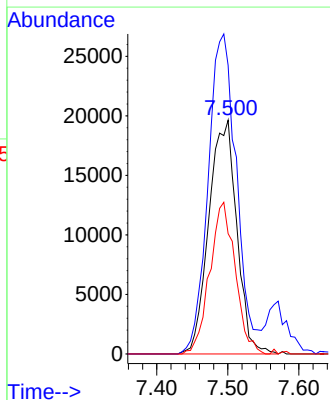
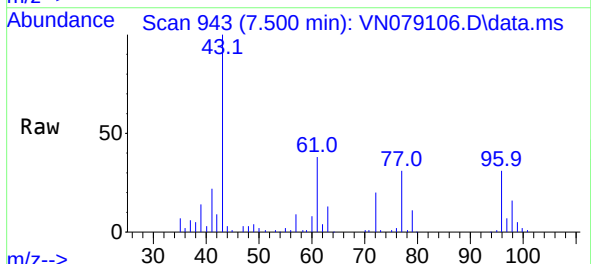
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

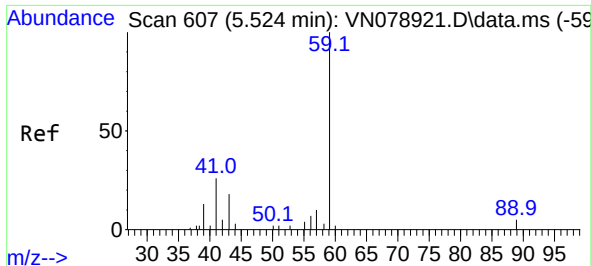
Supervised By :Mahesh
Dadoda
09/01/2023



#22
cis-1,2-Dichloroethene
Concen: 21.851 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion: 96 Resp: 53563
Ion Ratio Lower Upper
96 100
61 138.3 121.8 182.6
98 59.2 50.7 76.1





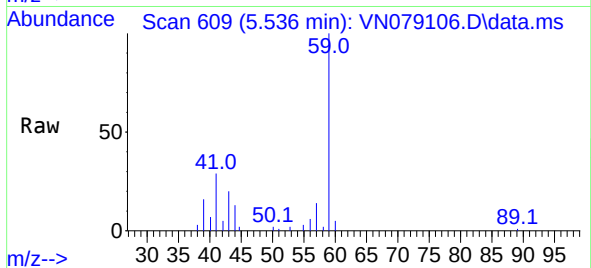
#23
tert-Butyl Alcohol
Concen: 102.812 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC020



Tgt Ion: 59 Resp: 44960
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

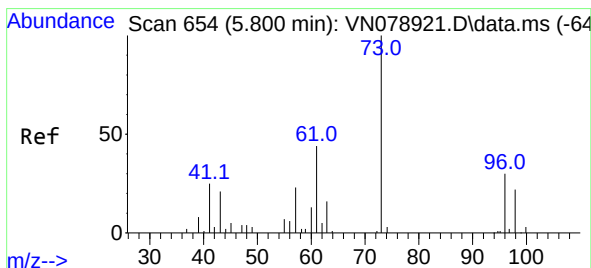
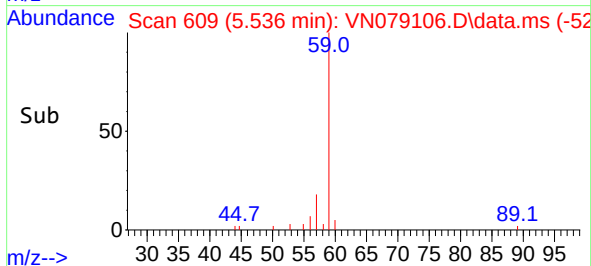
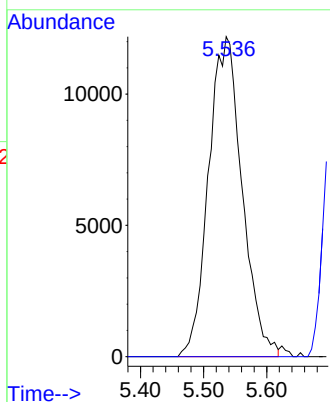
Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

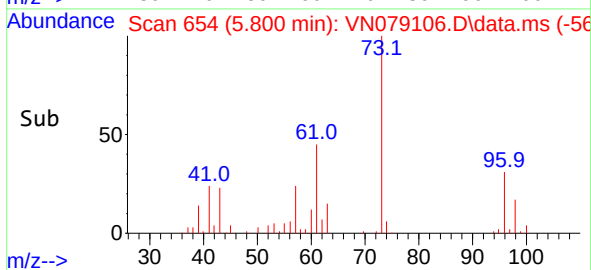
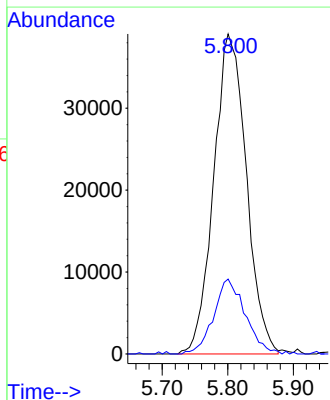
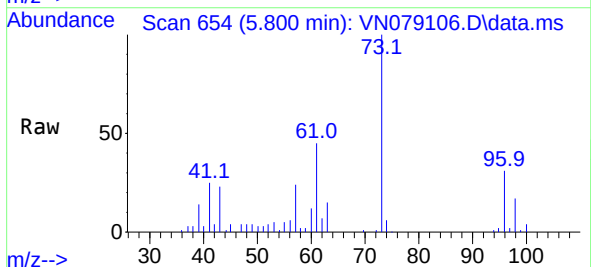
Supervised By :Mahesh Dadoda 09/01/2023

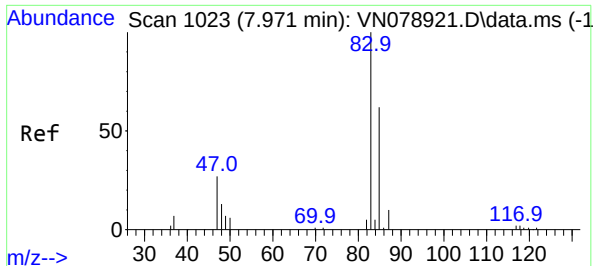
Supervised By :Mahesh
Dadoda
09/01/2023



#24
Methyl tert-Butyl Ether
Concen: 19.974 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion: 73 Resp: 134925
Ion Ratio Lower Upper
73 100
43 22.4 17.3 25.9





#25

Chloroform

Concen: 21.094 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN079106.D

Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 8946

Ion Ratio Lower Upper

83 100

85 60.0 49.6 74.4

Manual Integrations

APPROVED

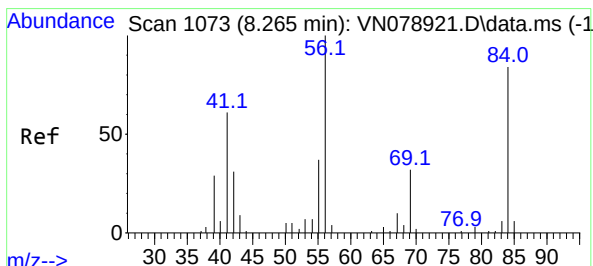
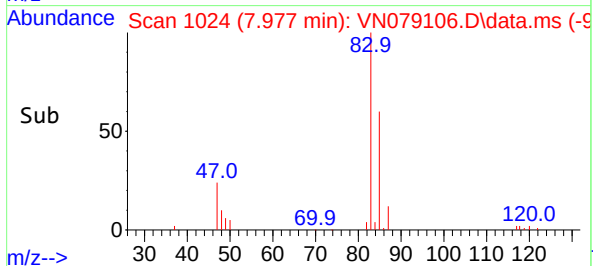
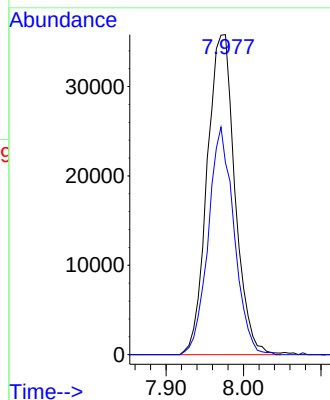
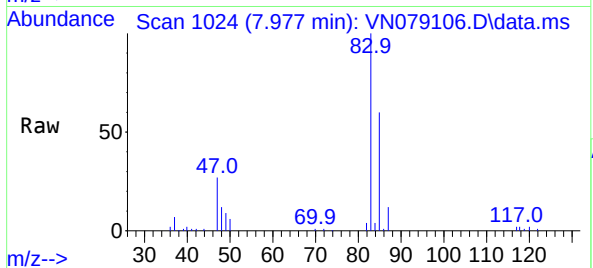
Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023

Supervised By :Mahesh

Dadoda

09/01/2023



#26

Cyclohexane

Concen: 20.992 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN079106.D

Acq: 29 Aug 2023 20:08

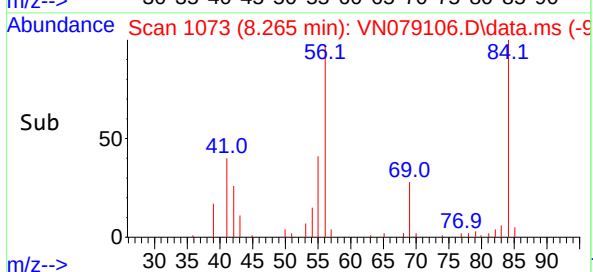
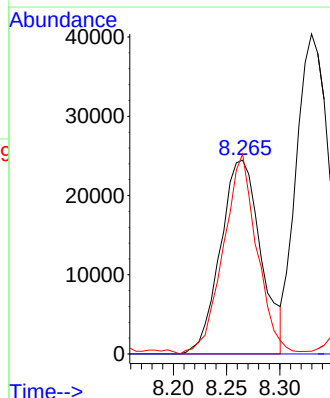
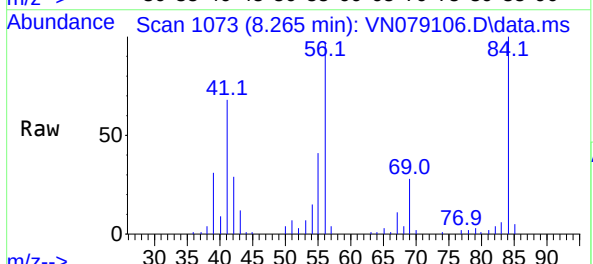
Tgt Ion: 56 Resp: 64647

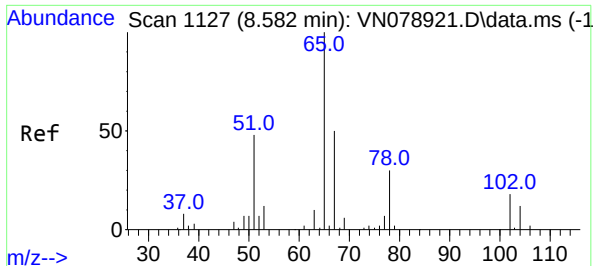
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

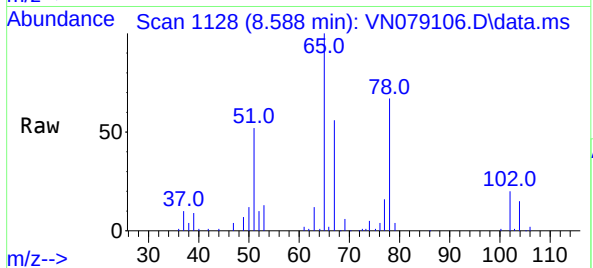
84 85.9 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 30.901 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

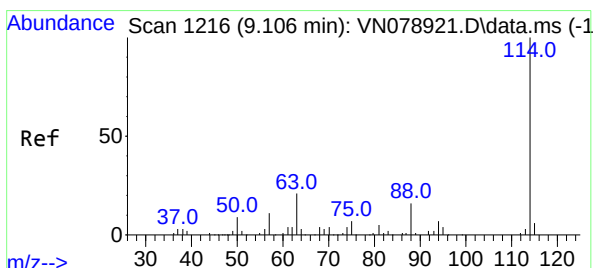
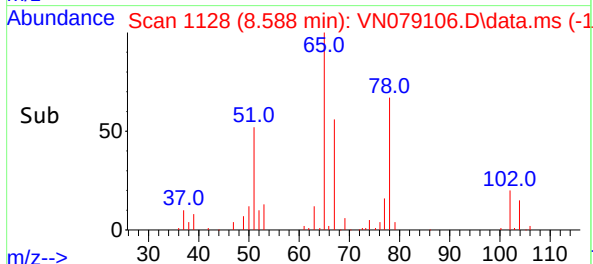
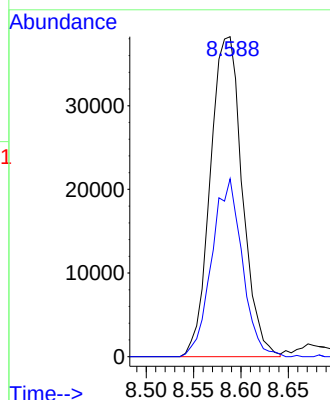


Tgt Ion: 65 Resp: 89940
Ion Ratio Lower Upper
65 100
67 52.8 40.7 61.1

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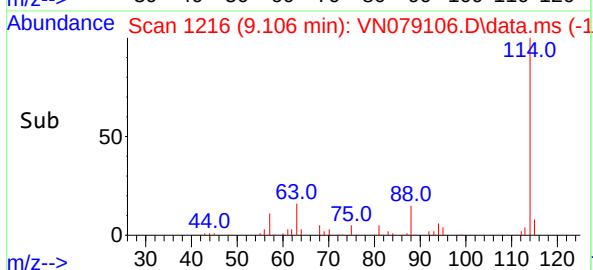
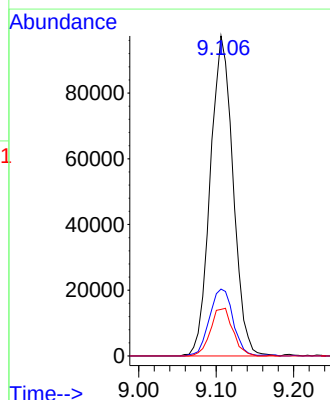
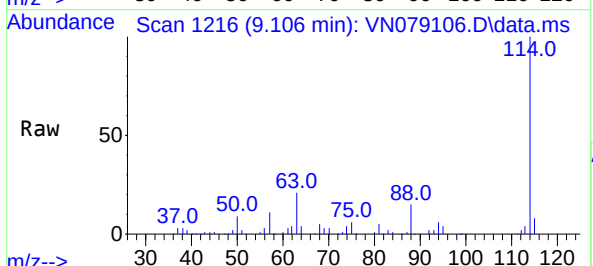
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

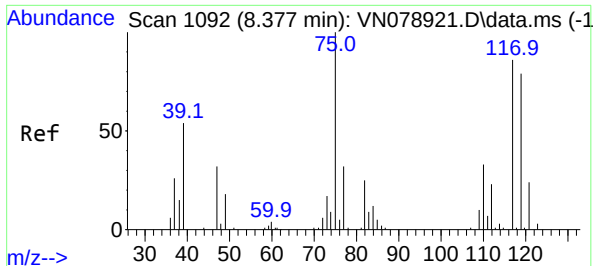
Supervised By :Mahesh
Dadoda
09/01/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion:114 Resp: 198832
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.2
88 14.7 12.0 18.0





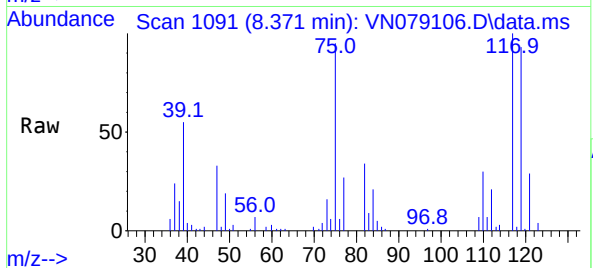
#29
1,1-Dichloropropene
Concen: 20.457 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 61875
Ion Ratio Lower Upper
75 100
110 34.1 0.0 65.8
77 31.4 0.0 60.4

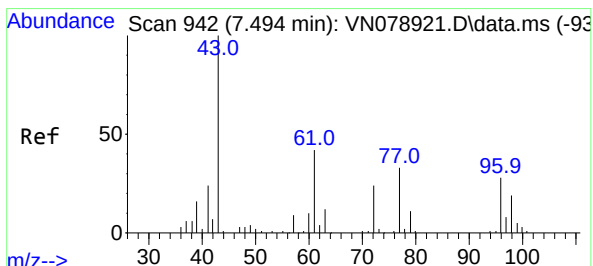
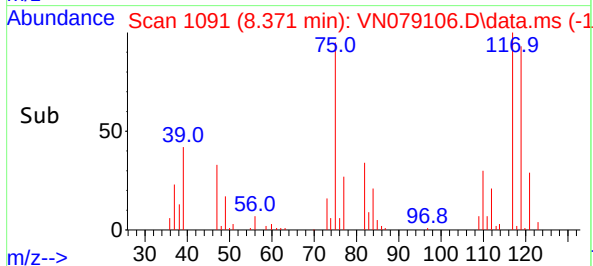
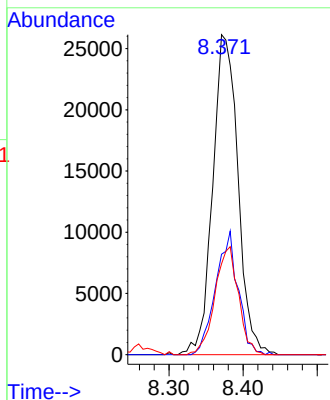
Manual Integrations

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Reviewed By :John Carlone 08/30/2023

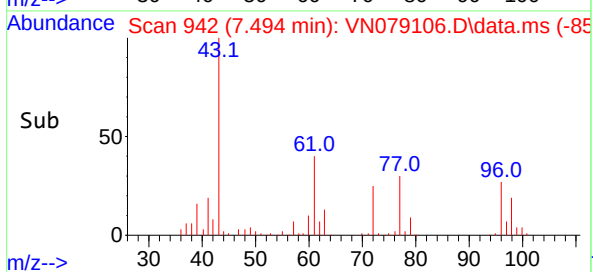
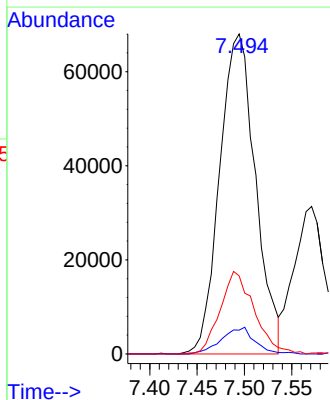
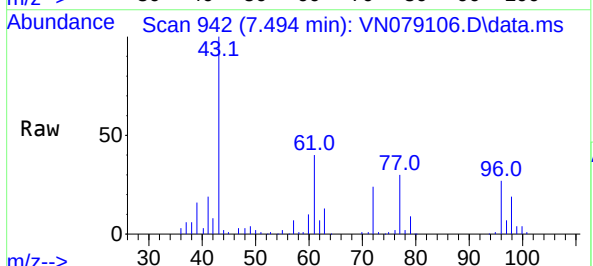
Supervised By :Mahesh Dadoda 09/01/2023

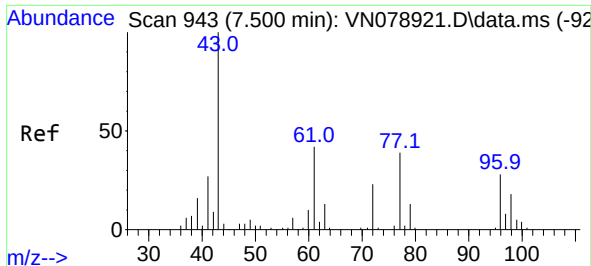
Supervised By :Mahesh
Dadoda
09/01/2023



#30
2-Butanone
Concen: 101.164 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

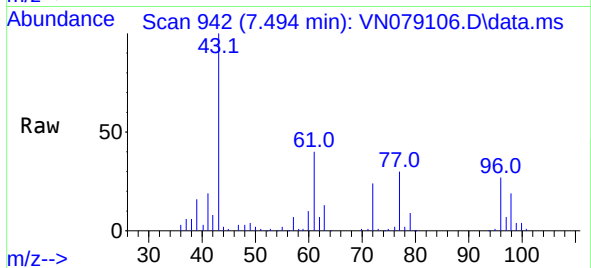
Tgt Ion: 43 Resp: 179128
Ion Ratio Lower Upper
43 100
57 7.6 6.2 9.4
72 24.5 19.4 29.2





#31
2,2-Dichloropropane
Concen: 16.804 ug/l
RT: 7.494 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

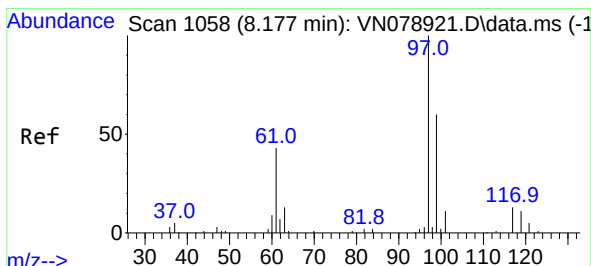
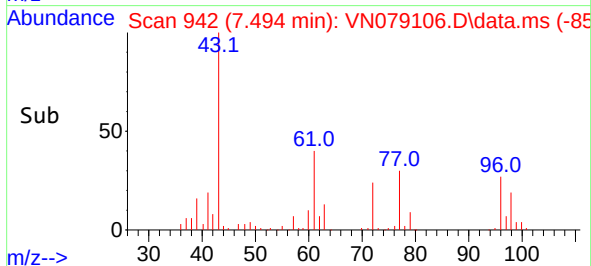
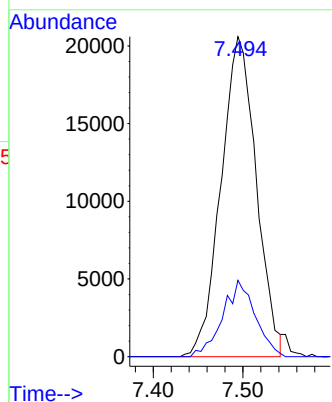


Tgt Ion: 77 Resp: 56174
Ion Ratio Lower Upper
77 100
97 22.0 17.6 26.4

Manual Integrations
APPROVED

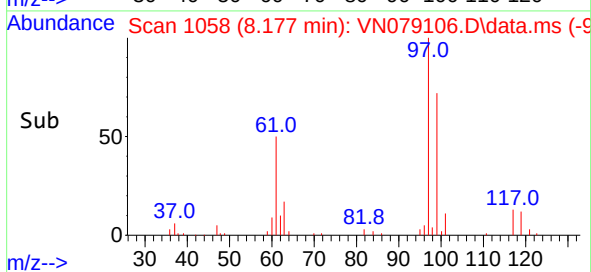
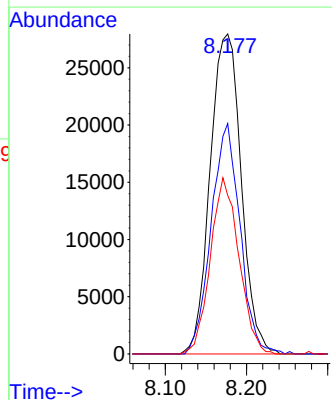
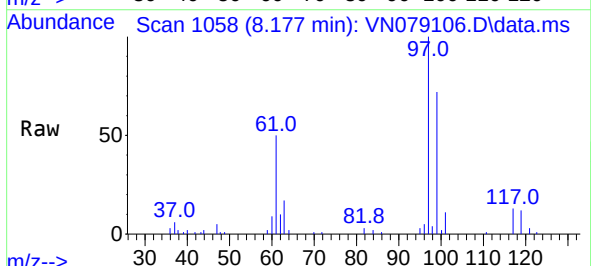
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

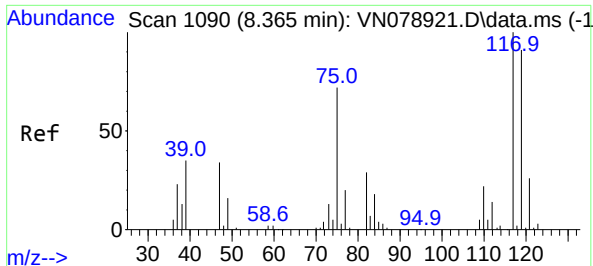
Supervised By :Mahesh
Dadoda
09/01/2023



#32
1,1,1-Trichloroethane
Concen: 20.623 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

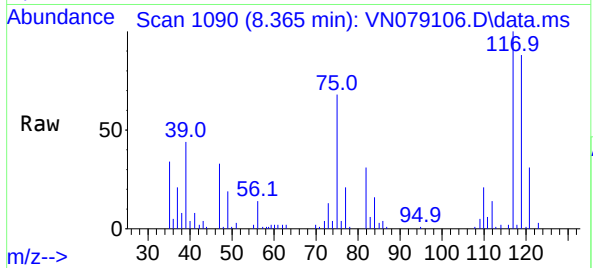
Tgt Ion: 97 Resp: 74474
Ion Ratio Lower Upper
97 100
99 66.8 52.0 78.0
61 50.7 37.0 55.6





#33
Carbon Tetrachloride
Concen: 21.314 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

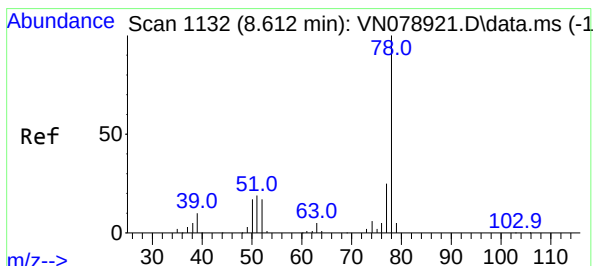
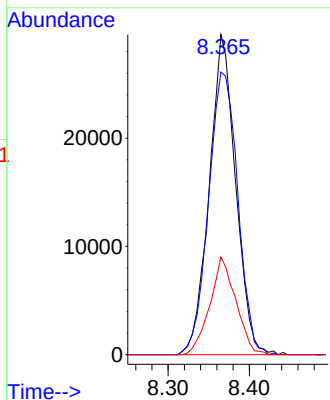
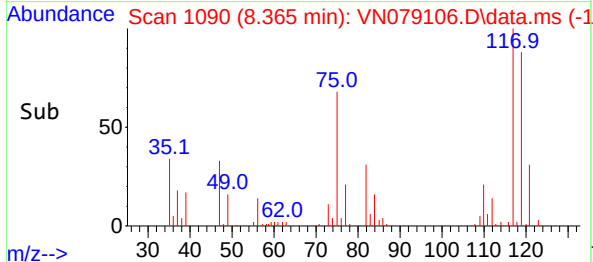


Tgt Ion:117 Resp: 66670
Ion Ratio Lower Upper
117 100
119 88.3 72.6 108.8
121 30.6 20.7 31.1

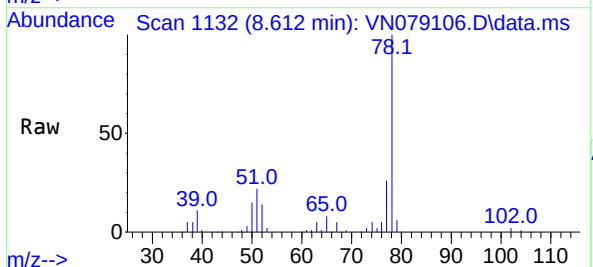
Manual Integrations
APPROVED

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

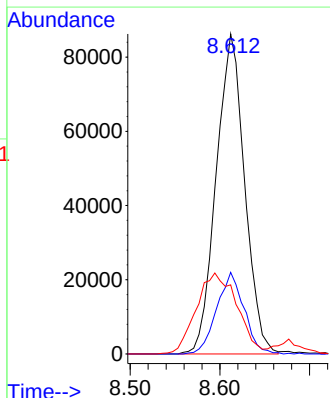
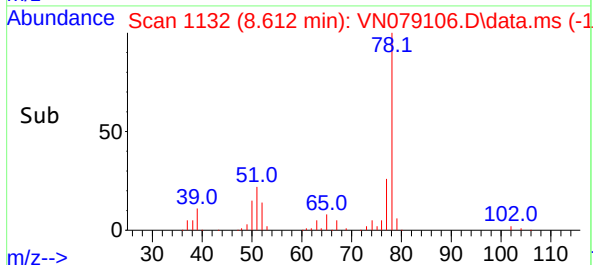
Supervised By :Mahesh
Dadoda
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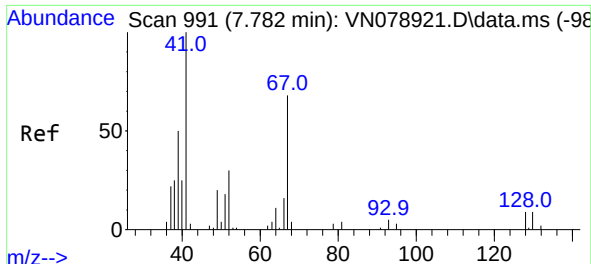


#34
Benzene
Concen: 20.944 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



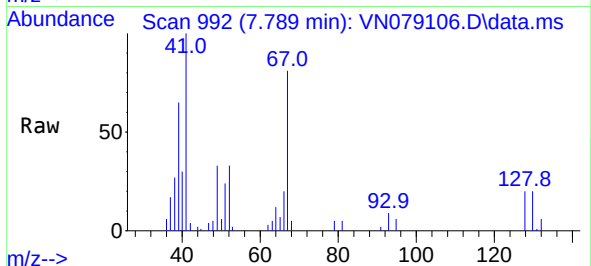
Tgt Ion: 78 Resp: 189842
Ion Ratio Lower Upper
78 100
77 25.5 19.9 29.9
51 19.8 14.8 22.2





#35
Methacrylonitrile
Concen: 19.993 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

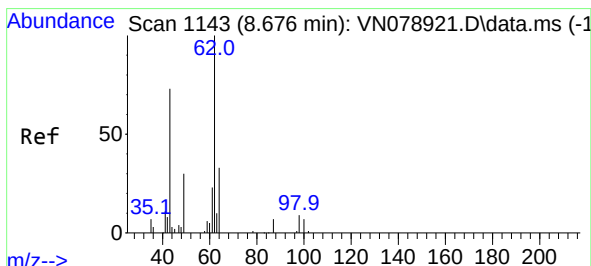
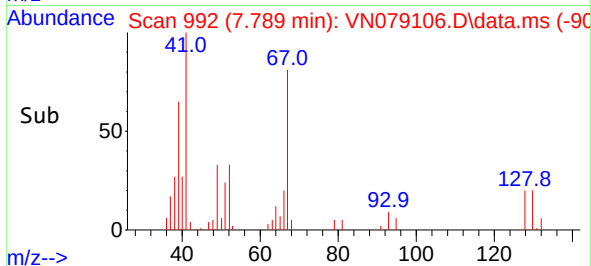
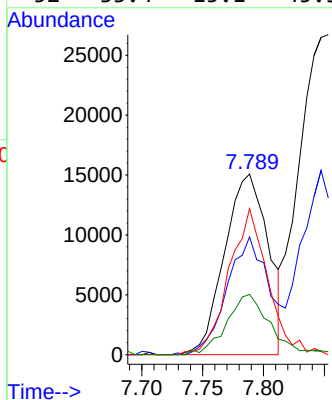


Tgt Ion: 41 Resp: 3773
Ion Ratio Lower Upper
41 100
39 64.2 25.0 75.0
67 80.8 34.0 102.0
52 33.4 15.1 45.3

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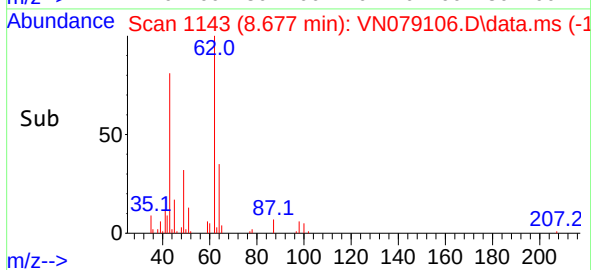
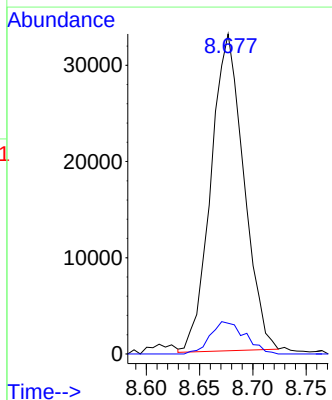
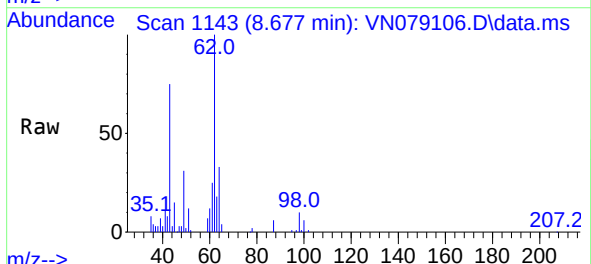
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

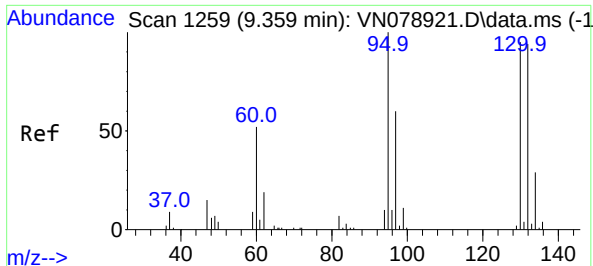
Supervised By :Mahesh
Dadoda
09/01/2023



#36
1,2-Dichloroethane
Concen: 20.824 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

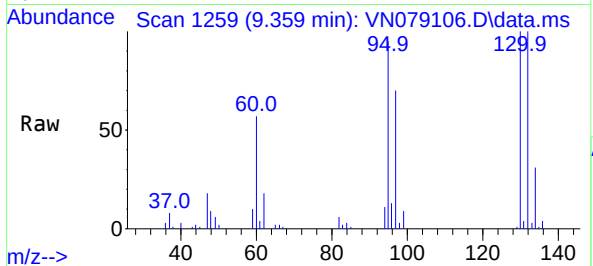
Tgt Ion: 62 Resp: 70682
Ion Ratio Lower Upper
62 100
98 10.9 8.1 12.1





#37
Trichloroethene
Concen: 19.778 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

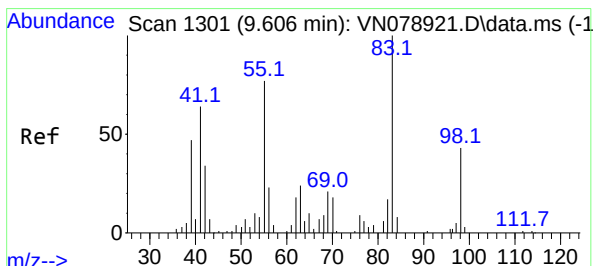
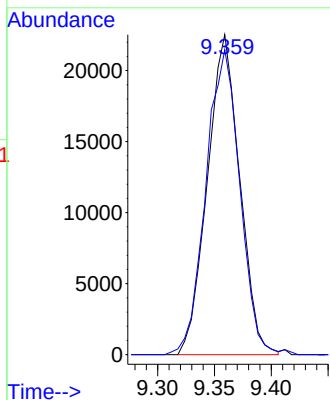


Tgt Ion:130 Resp: 4462
Ion Ratio Lower Upper
130 100
95 94.3 84.6 127.0

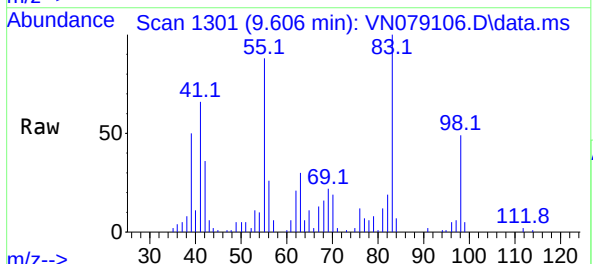
Manual Integrations
APPROVED

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

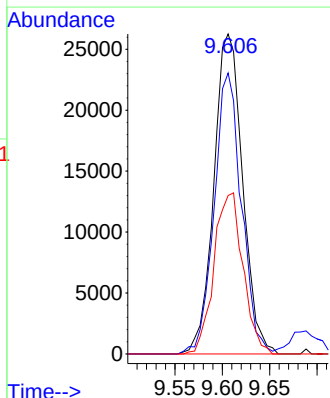
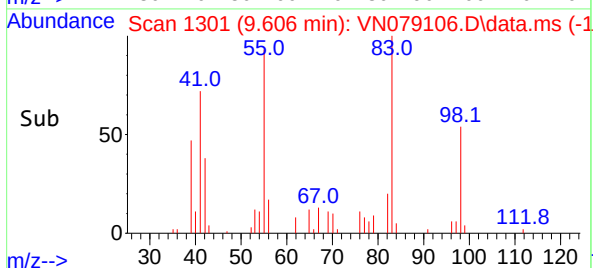
Supervised By :Mahesh
Dadoda
09/01/2023

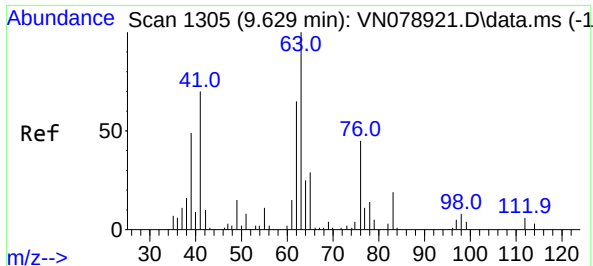


#38
Methylcyclohexane
Concen: 20.823 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



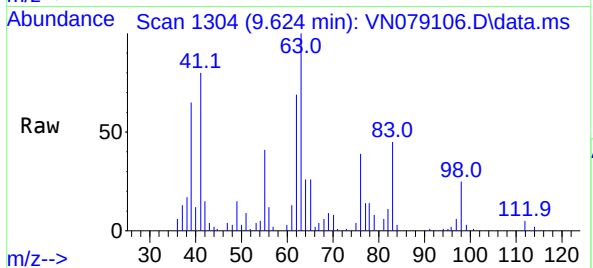
Tgt Ion: 83 Resp: 55450
Ion Ratio Lower Upper
83 100
55 83.4 40.2 120.6
98 50.7 24.1 72.3





#39
1,2-Dichloropropane
Concen: 21.551 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

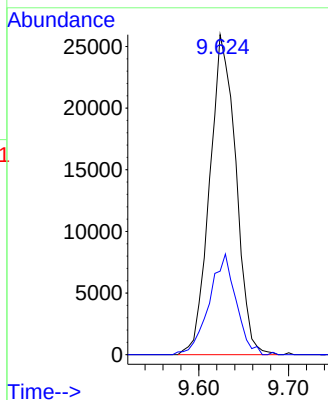
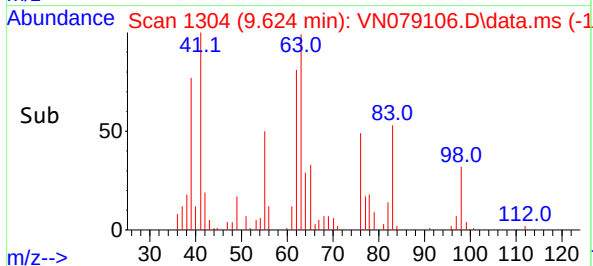
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



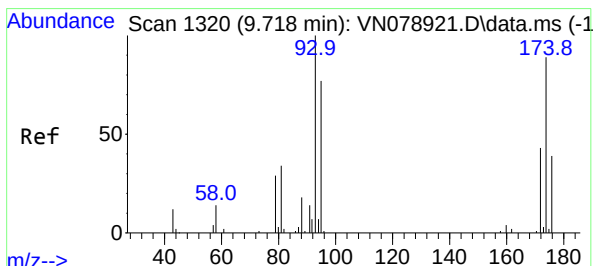
Tgt Ion: 63 Resp: 52618
Ion Ratio Lower Upper
63 100
65 26.1 23.5 35.3

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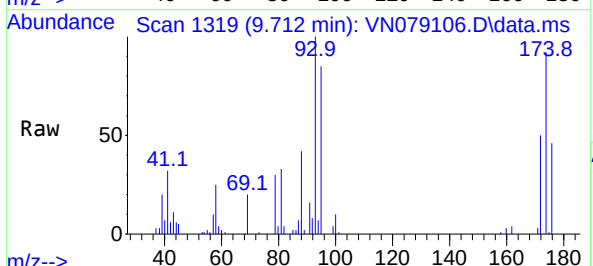
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



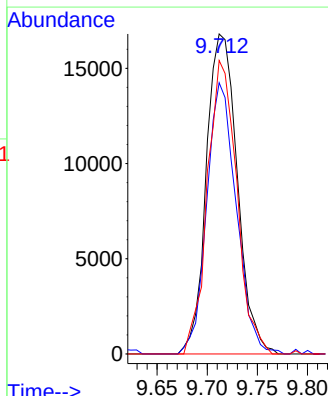
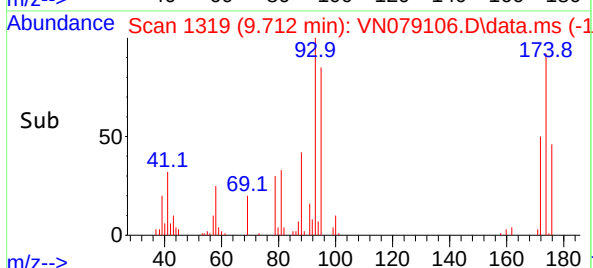
Supervised By :Mahesh
Dadoda
09/01/2023

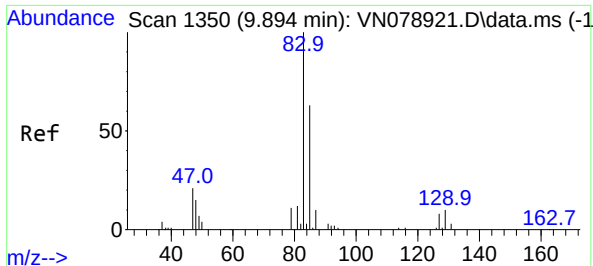


#40
Dibromomethane
Concen: 22.080 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



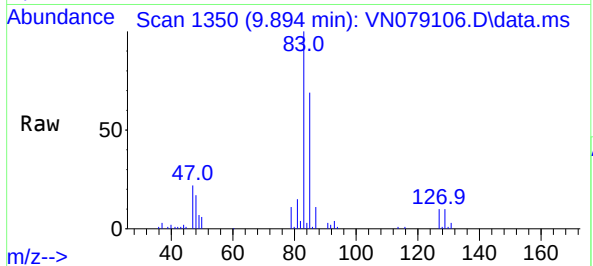
Tgt Ion: 93 Resp: 36136
Ion Ratio Lower Upper
93 100
95 80.8 0.0 162.0
174 87.1 0.0 188.6





#41
Bromodichloromethane
Concen: 21.372 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

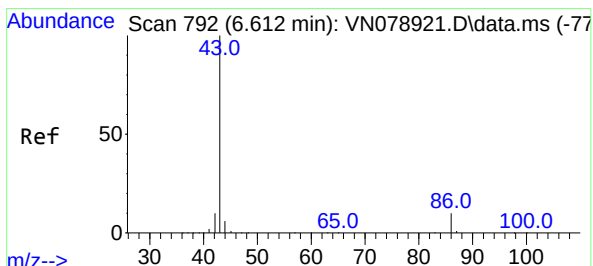
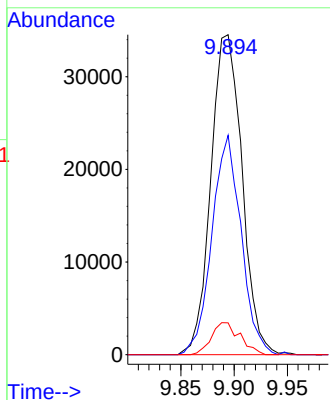
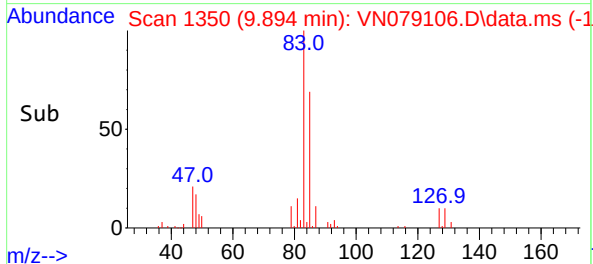


Tgt Ion: 83 Resp: 70340
Ion Ratio Lower Upper
83 100
85 68.6 50.2 75.2
127 9.9 6.2 9.4

Manual Integrations
APPROVED

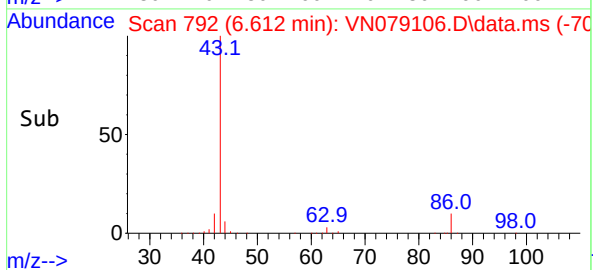
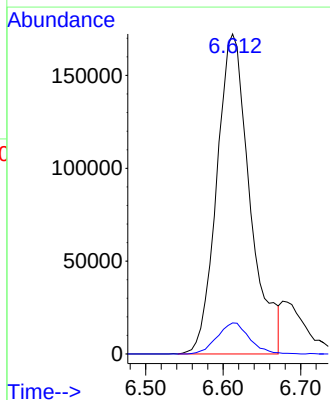
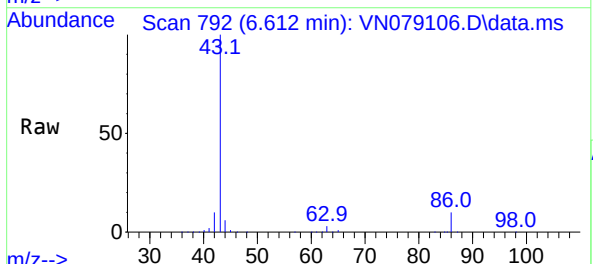
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

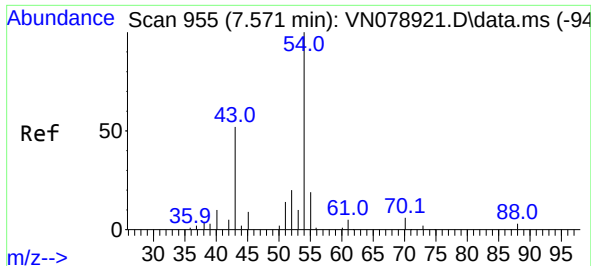
Supervised By :Mahesh
Dadoda
09/01/2023



#42
Vinyl Acetate
Concen: 102.896 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

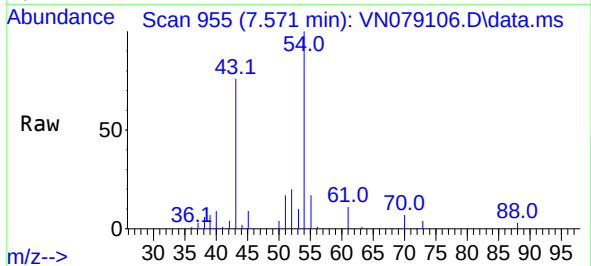
Tgt Ion: 43 Resp: 513687
Ion Ratio Lower Upper
43 100
86 9.4 7.4 11.0





#43
Ethyl Acetate
Concen: 19.872 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

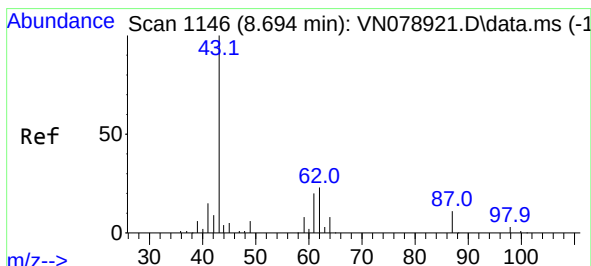
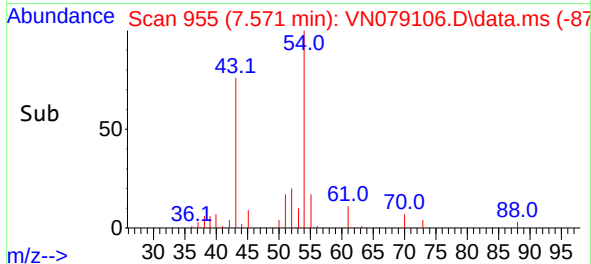
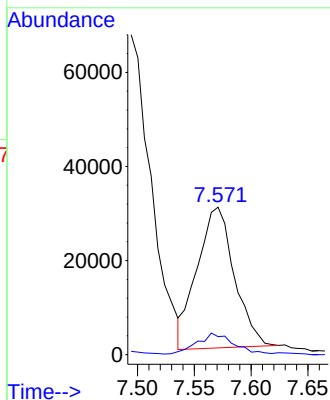


Tgt Ion: 43 Resp: 6826
Ion Ratio Lower Upper
43 100
45 14.7 9.6 14.4

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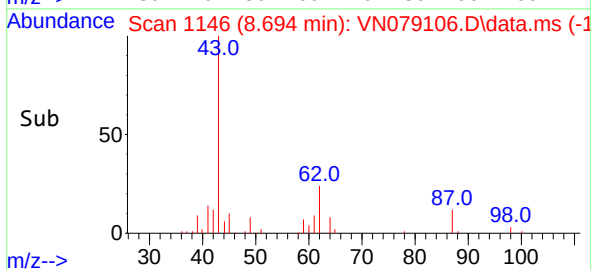
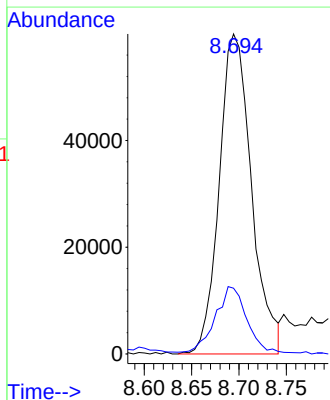
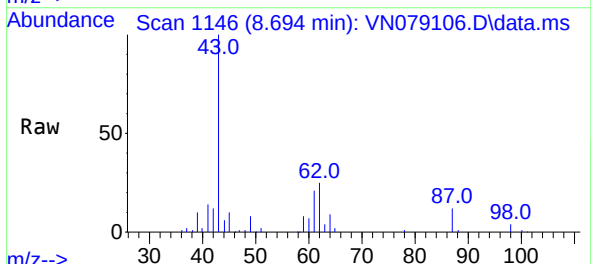
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

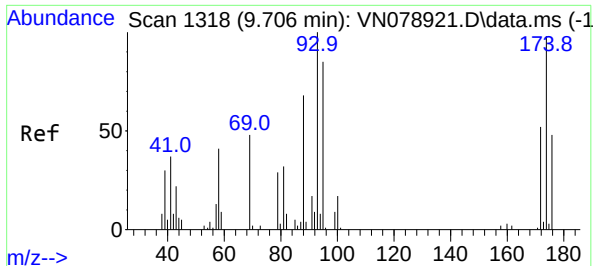
Supervised By :Mahesh
Dadoda
09/01/2023



#44
Isopropyl Acetate
Concen: 23.522 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

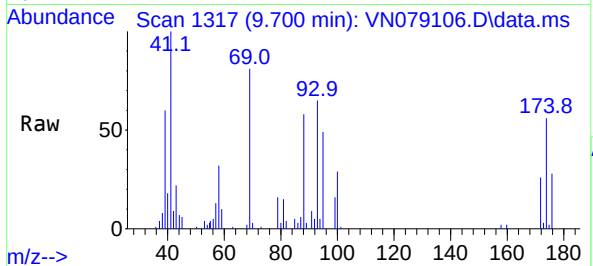
Tgt Ion: 43 Resp: 142372
Ion Ratio Lower Upper
43 100
61 21.1 19.0 28.4





#45
1,4-Dioxane
Concen: 438.785 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

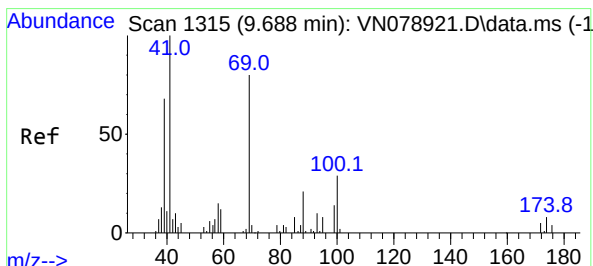
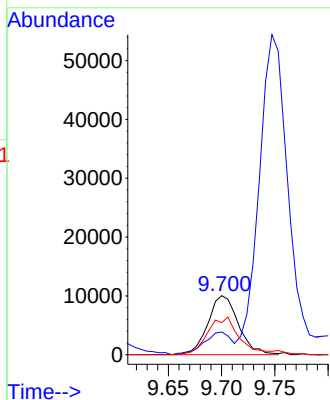
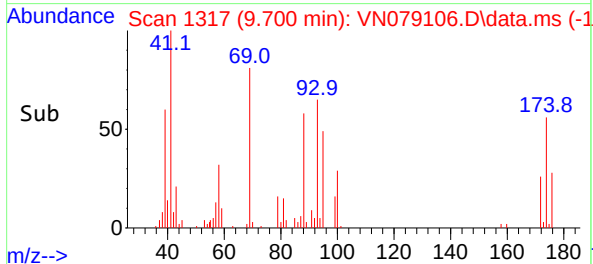


Tgt Ion: 88 Resp: 19980
Ion Ratio Lower Upper
88 100
43 34.4 28.1 42.1
58 66.0 57.0 85.4

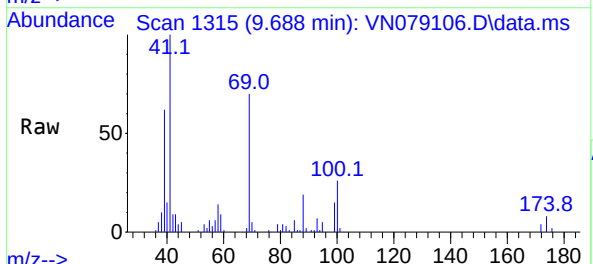
Manual Integrations
APPROVED

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

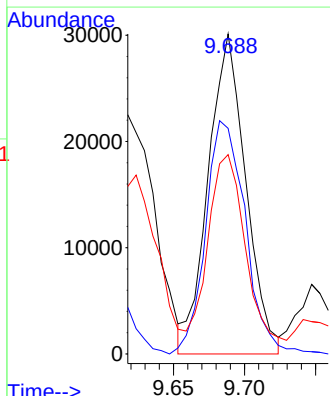
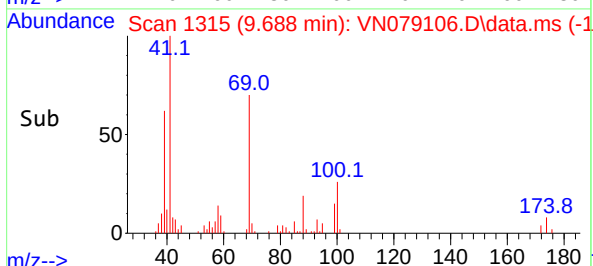
Supervised By :Mahesh
Dadoda
09/01/2023

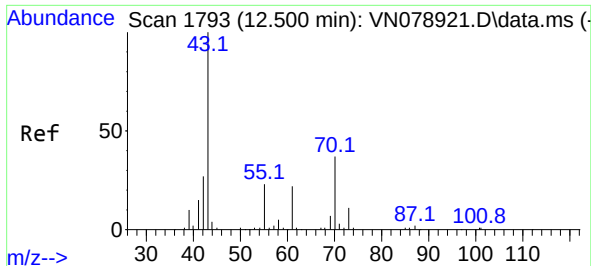


#46
Methyl methacrylate
Concen: 20.754 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



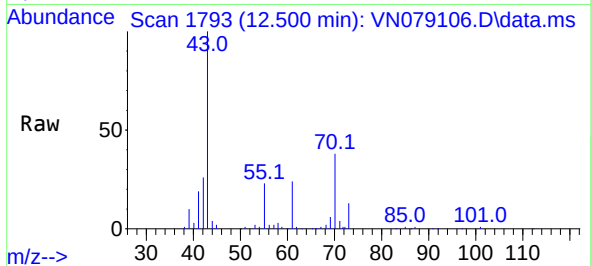
Tgt Ion: 41 Resp: 55347
Ion Ratio Lower Upper
41 100
69 72.4 38.5 115.5
39 60.1 35.9 107.8





#47
n-amyl acetate
Concen: 19.714 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

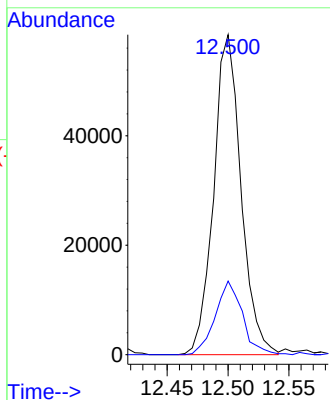
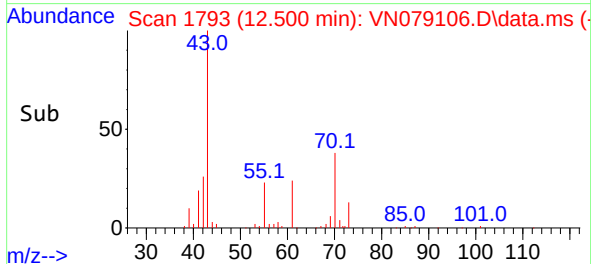
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



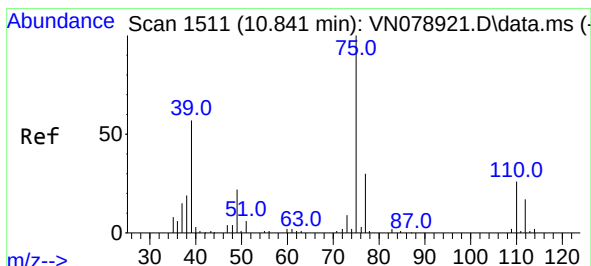
Tgt Ion: 43 Resp: 91568
Ion Ratio Lower Upper
43 100
55 22.8 17.5 26.3

Manual Integrations
APPROVED

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

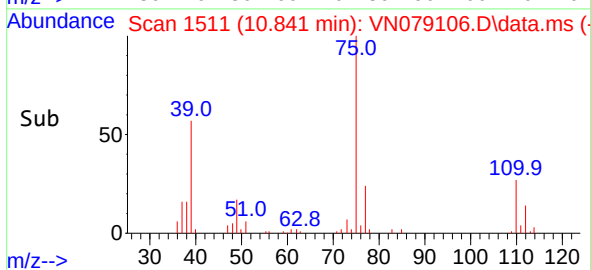
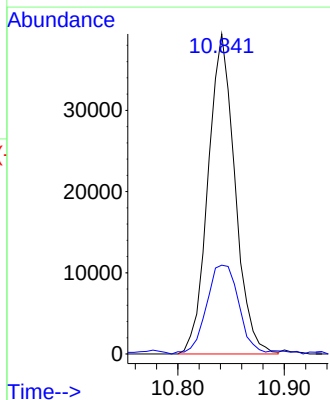
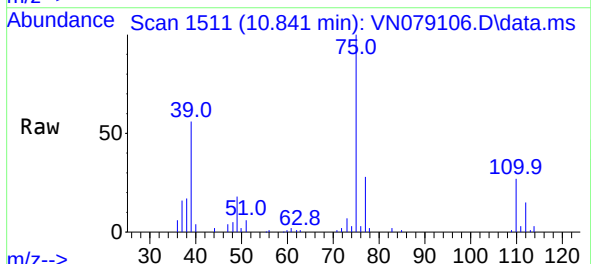


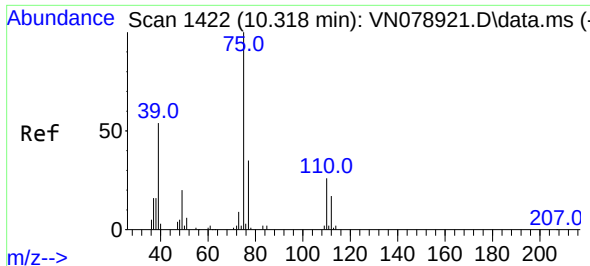
Supervised By :Mahesh
Dadoda
09/01/2023



#48
t-1,3-Dichloropropene
Concen: 19.705 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

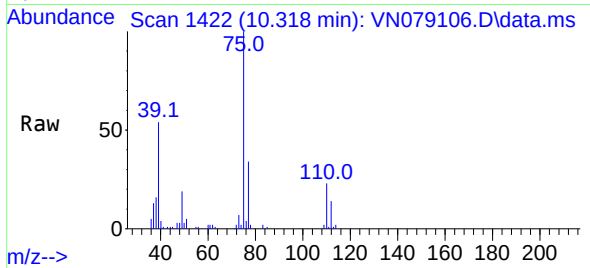
Tgt Ion: 75 Resp: 69072
Ion Ratio Lower Upper
75 100
77 27.1 23.7 35.5





#49
 cis-1,3-Dichloropropene
 Concen: 20.543 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079106.D
 Acq: 29 Aug 2023 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

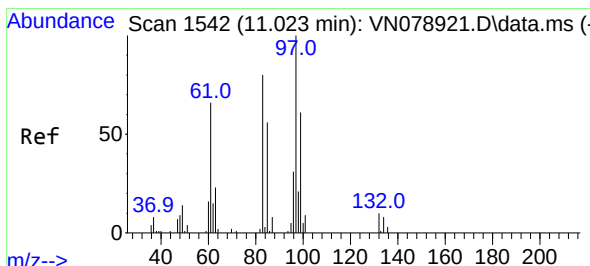
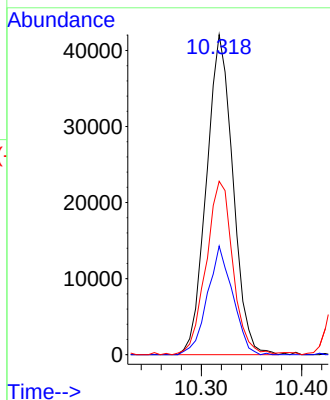
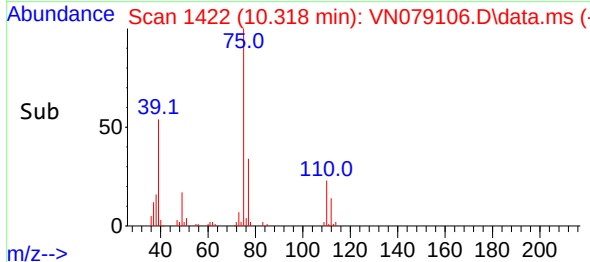


Tgt Ion: 75 Resp: 77215
 Ion Ratio Lower Upper
 75 100
 77 34.0 27.8 41.8
 39 53.7 43.5 65.3

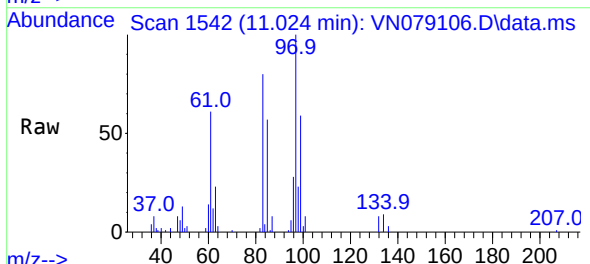
Manual Integrations
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Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023

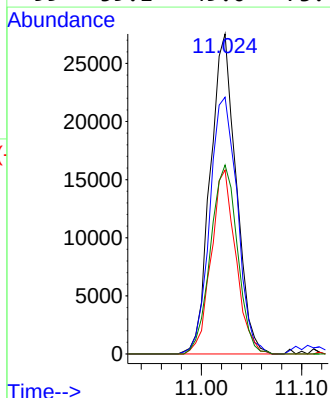
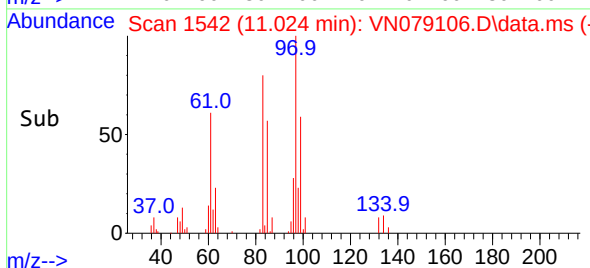
Supervised By :Mahesh
 Dadoda
 09/01/2023

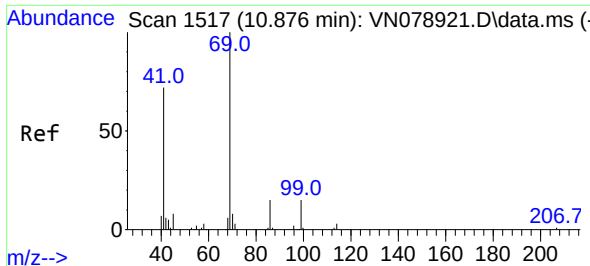


#50
 1,1,2-Trichloroethane
 Concen: 22.218 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN079106.D
 Acq: 29 Aug 2023 20:08



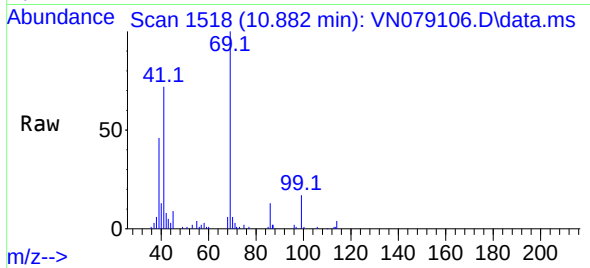
Tgt Ion: 97 Resp: 49137
 Ion Ratio Lower Upper
 97 100
 83 80.3 63.7 95.5
 85 57.4 44.9 67.3
 99 59.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.960 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

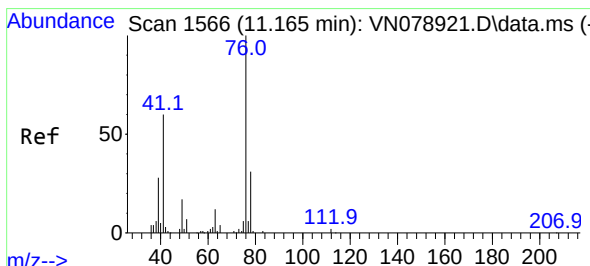
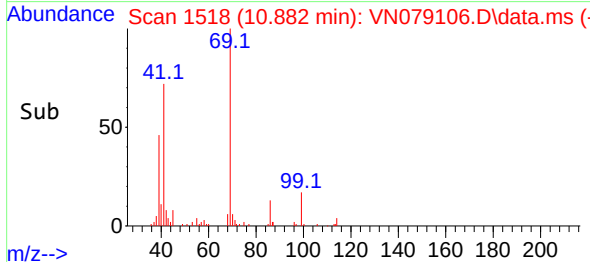
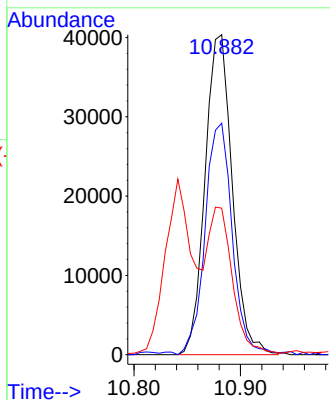


Tgt Ion: 69 Resp: 7174
Ion Ratio Lower Upper
69 100
41 72.3 35.9 107.8
39 45.3 23.5 70.5

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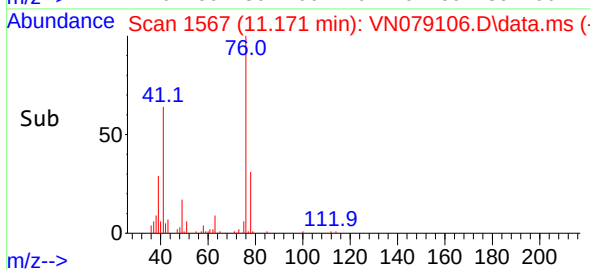
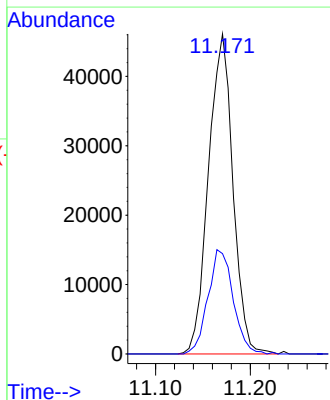
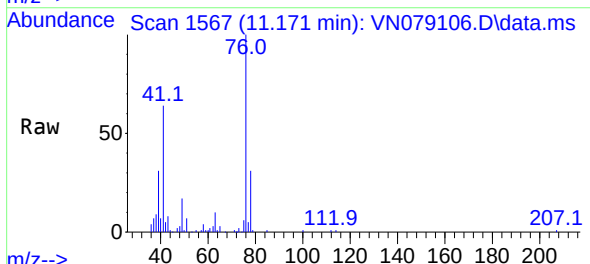
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

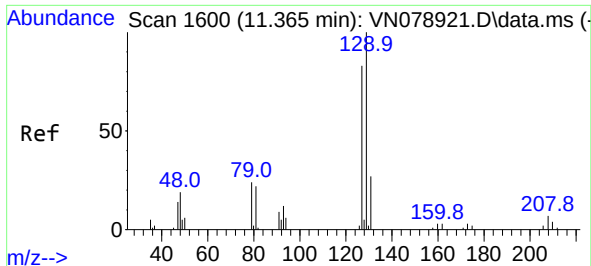
Supervised By :Mahesh
Dadoda
09/01/2023



#52
1,3-Dichloropropane
Concen: 20.869 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

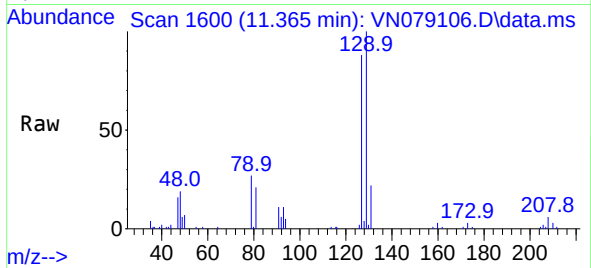
Tgt Ion: 76 Resp: 82666
Ion Ratio Lower Upper
76 100
78 33.5 0.0 64.6





#53
Dibromochloromethane
Concen: 21.048 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

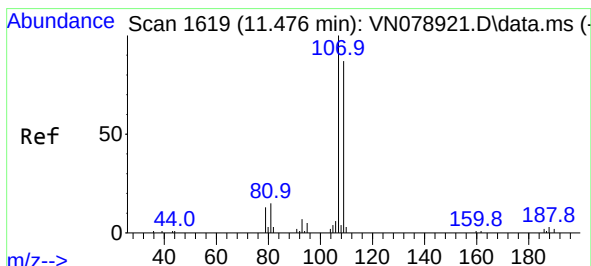
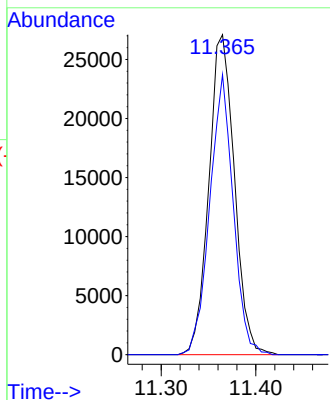
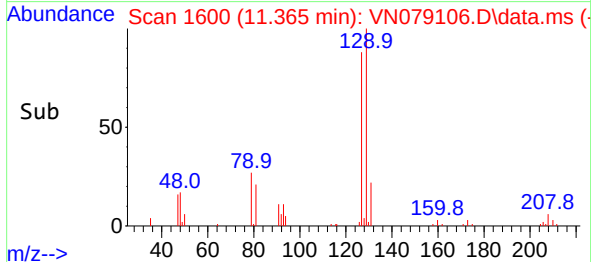


Tgt Ion:129 Resp: 50950
Ion Ratio Lower Upper
129 100
127 80.1 40.1 120.2

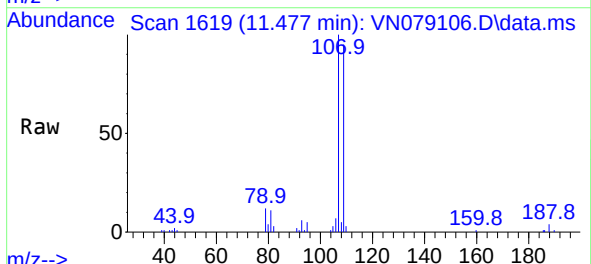
Manual Integrations
APPROVED

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

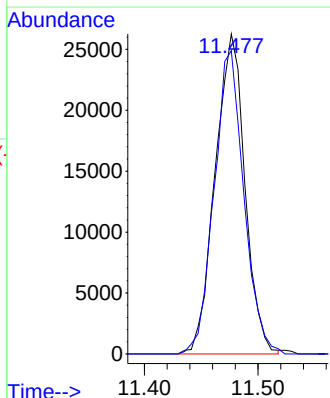
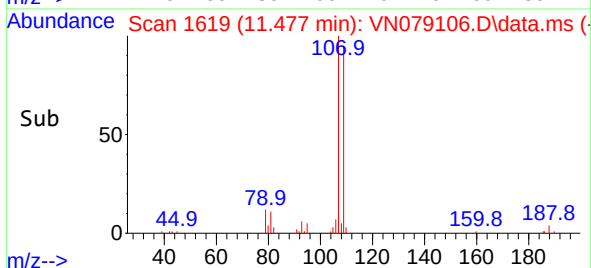
Supervised By :Mahesh
Dadoda
09/01/2023

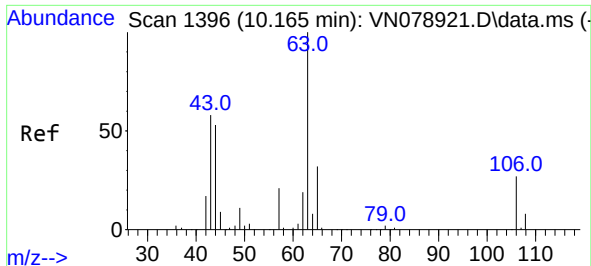


#54
1,2-Dibromoethane
Concen: 21.085 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



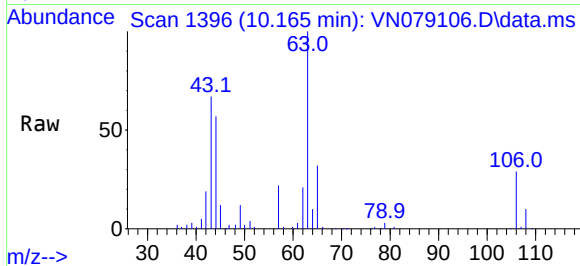
Tgt Ion:107 Resp: 47876
Ion Ratio Lower Upper
107 100
109 94.7 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 98.440 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

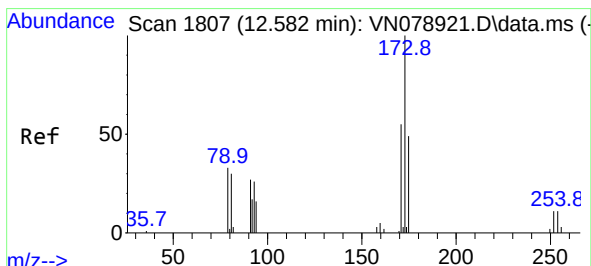
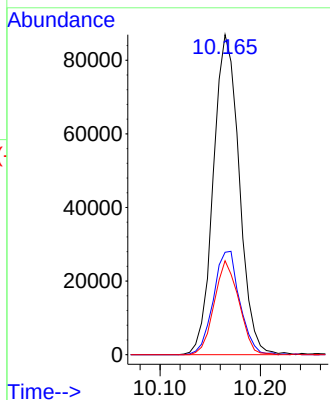
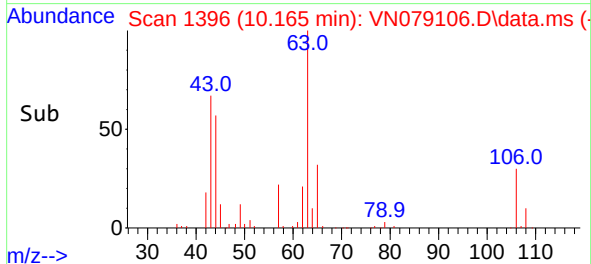


Tgt Ion: 63 Resp: 15575
Ion Ratio Lower Upper
63 100
65 32.8 25.4 38.2
106 27.9 22.3 33.5

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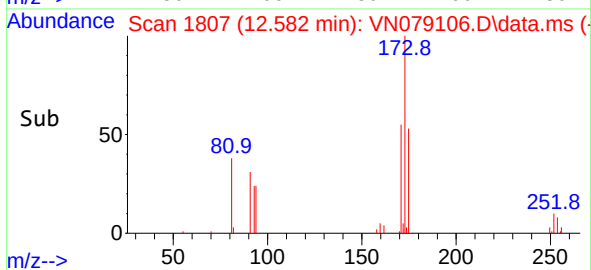
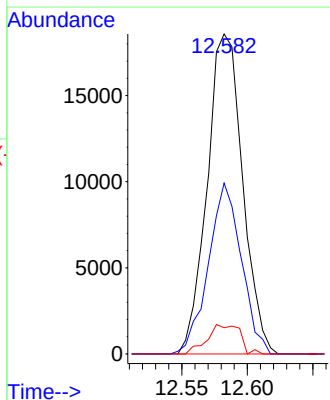
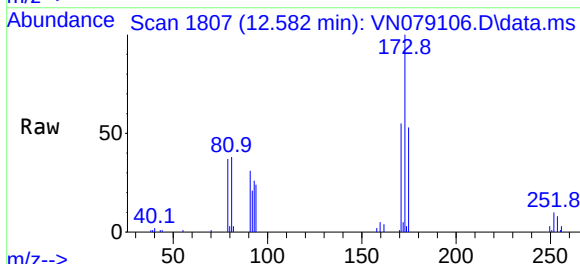
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

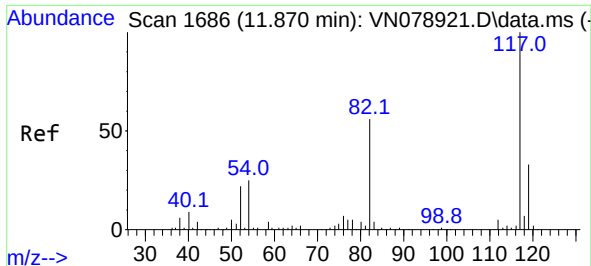
Supervised By :Mahesh
Dadoda
09/01/2023



#56
Bromoform
Concen: 20.461 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion:173 Resp: 34944
Ion Ratio Lower Upper
173 100
175 49.5 38.8 58.2
254 5.1 7.6 11.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

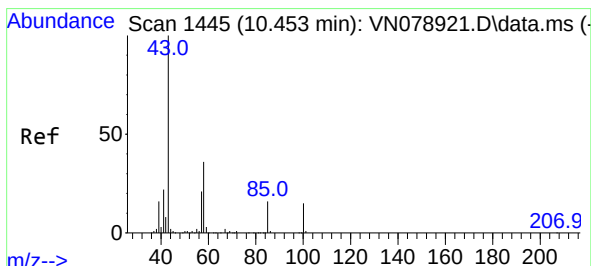
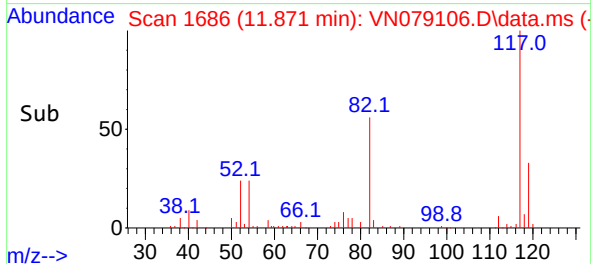
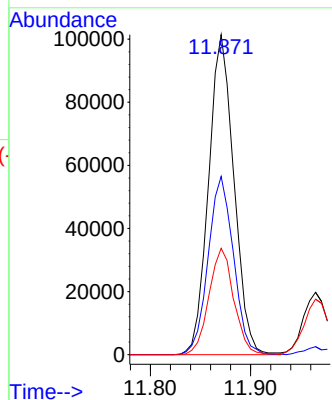
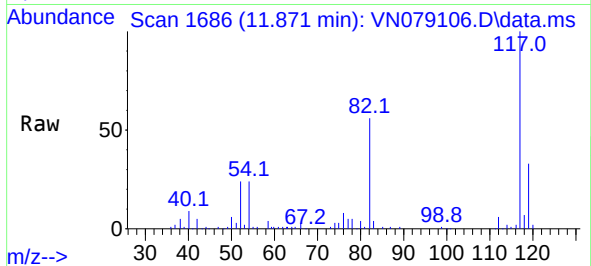
VSTDCCC020

Tgt Ion:117 Resp: 17836
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.6 25.5 38.3

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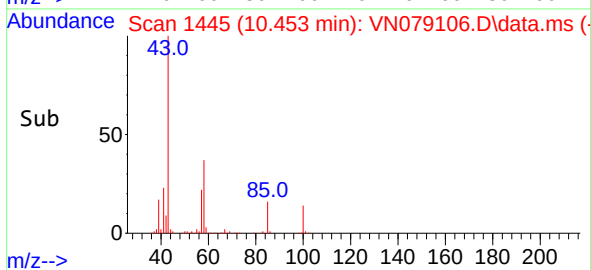
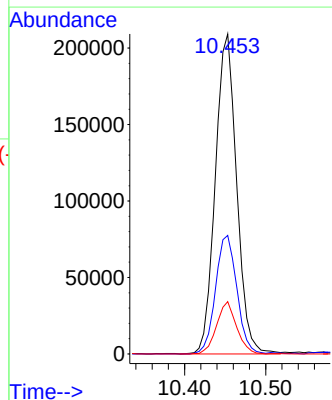
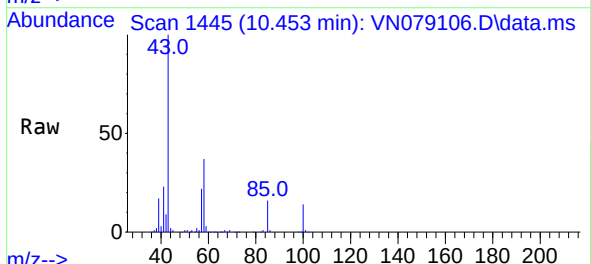
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

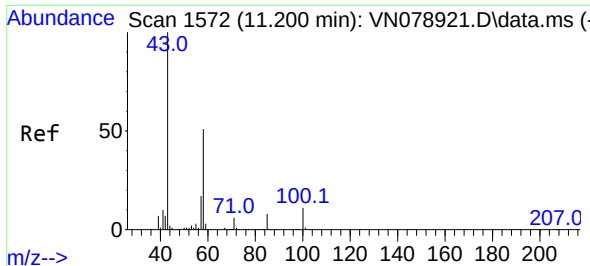
Supervised By :Mahesh
Dadoda
09/01/2023



#58
4-Methyl-2-Pentanone
Concen: 108.016 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

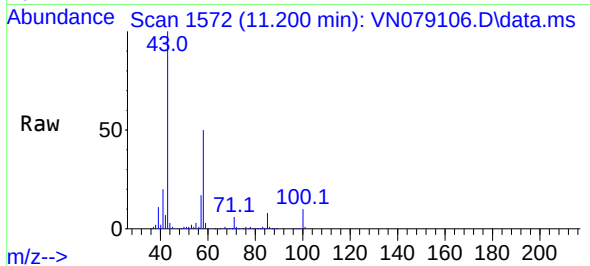
Tgt Ion: 43 Resp: 382254
Ion Ratio Lower Upper
43 100
58 37.0 28.8 43.2
85 15.4 12.7 19.1





#59
2-Hexanone
Concen: 107.754 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

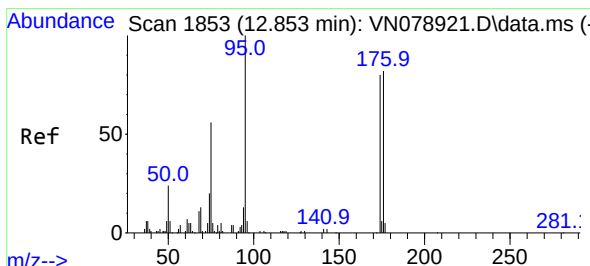
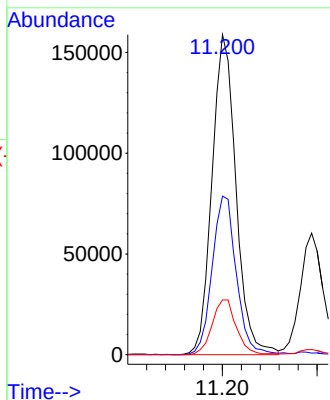
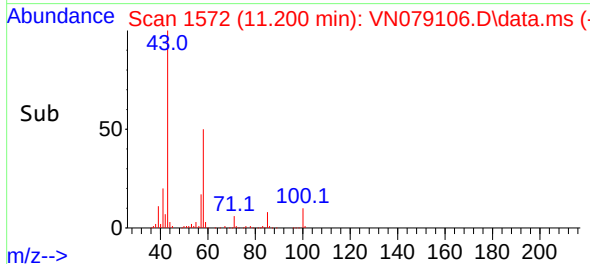


Tgt Ion: 43 Resp: 27939
Ion Ratio Lower Upper
43 100
58 49.7 40.6 60.8
57 17.2 13.6 20.4

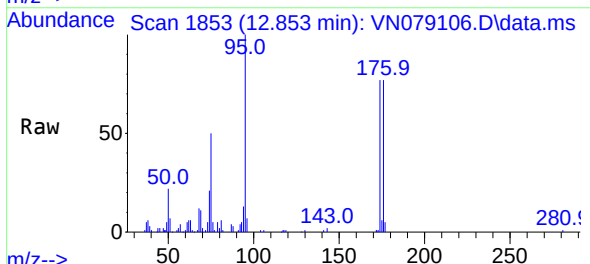
Manual Integrations
APPROVED

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

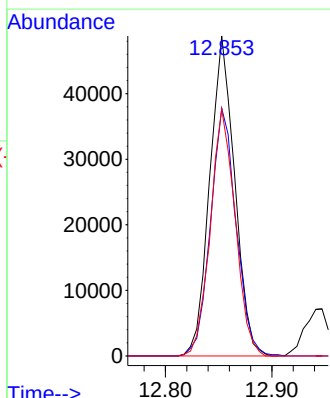
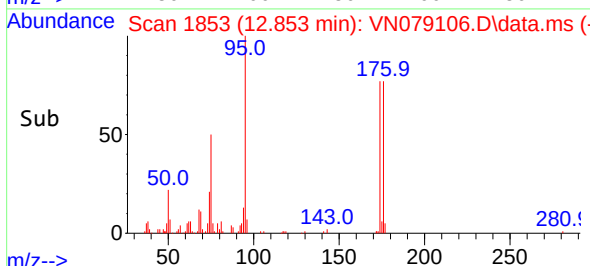
Supervised By :Mahesh
Dadoda
09/01/2023

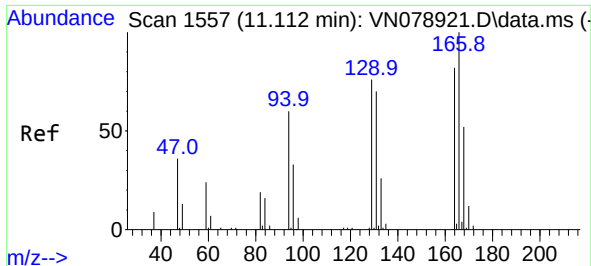


#60
4-Bromofluorobenzene
Concen: 30.411 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



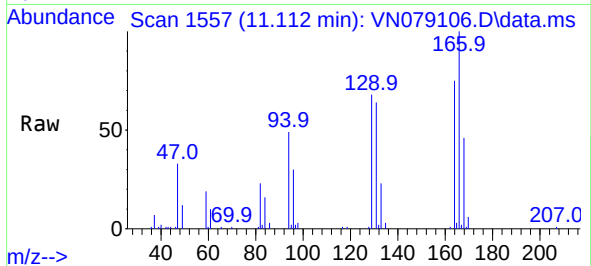
Tgt Ion: 95 Resp: 79125
Ion Ratio Lower Upper
95 100
174 79.5 64.8 97.2
176 76.8 63.0 94.6





#61
Tetrachloroethene
Concen: 22.038 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

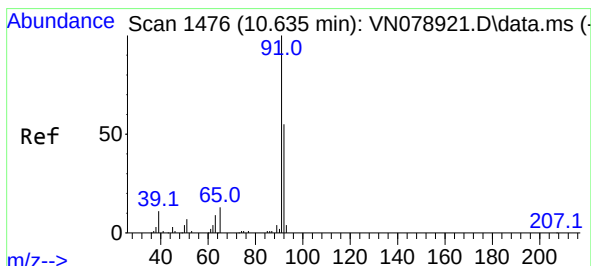
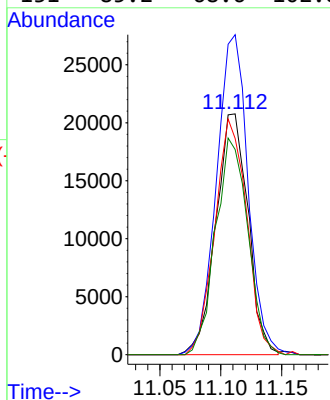
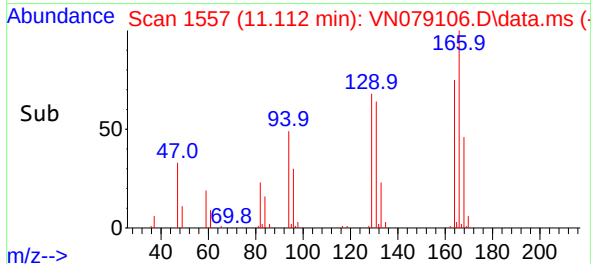


Tgt Ion:164 Resp: 38060
Ion Ratio Lower Upper
164 100
166 132.8 97.6 146.4
129 89.8 74.1 111.1
131 85.2 68.6 102.8

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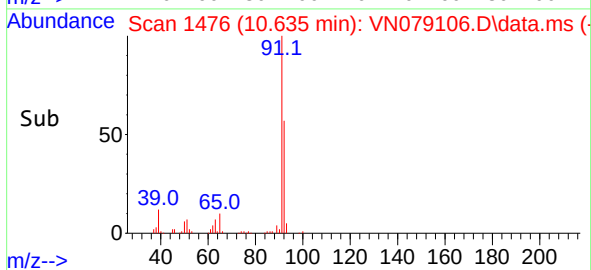
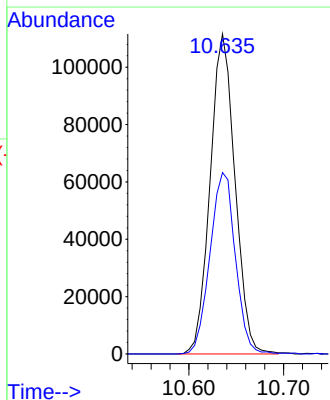
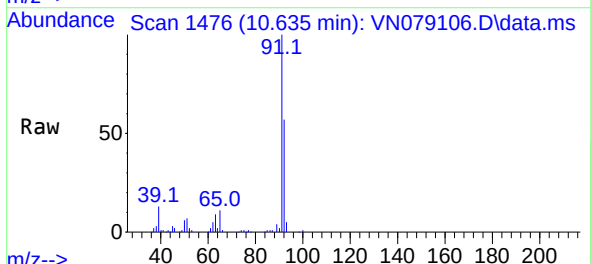
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

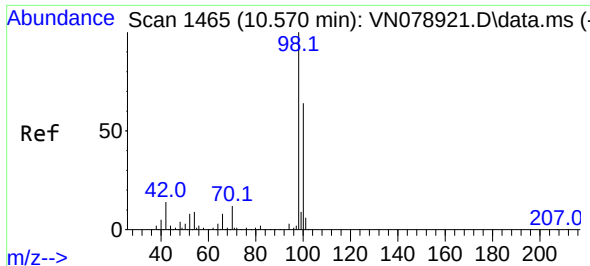
Supervised By :Mahesh
Dadoda
09/01/2023



#62
Toluene
Concen: 20.894 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

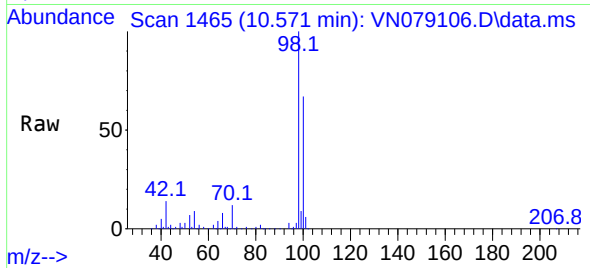
Tgt Ion: 91 Resp: 203464
Ion Ratio Lower Upper
91 100
92 57.9 44.7 67.1





#63
Toluene-d8
Concen: 31.522 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

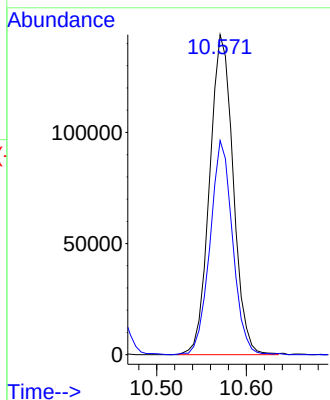
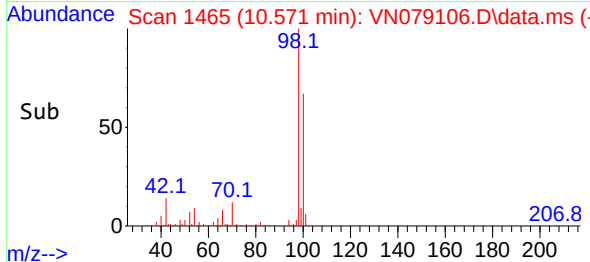
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



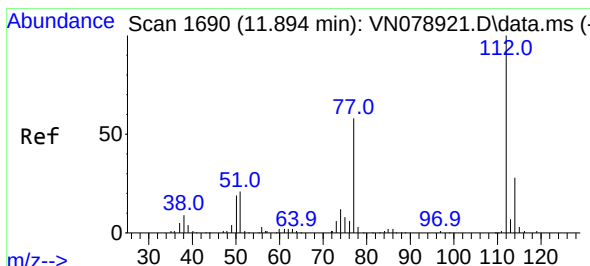
Tgt Ion: 98 Resp: 262560
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7

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

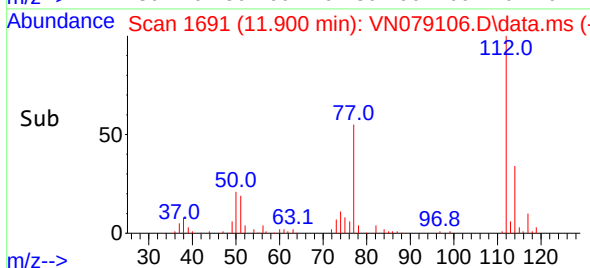
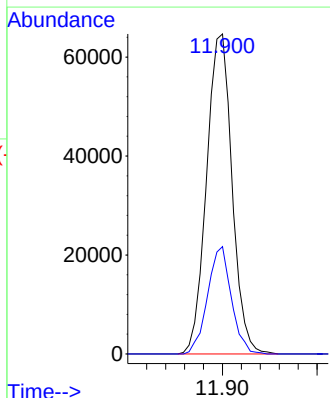
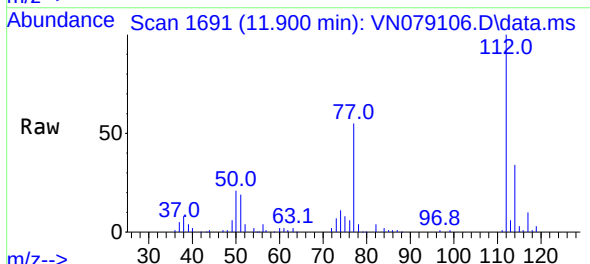


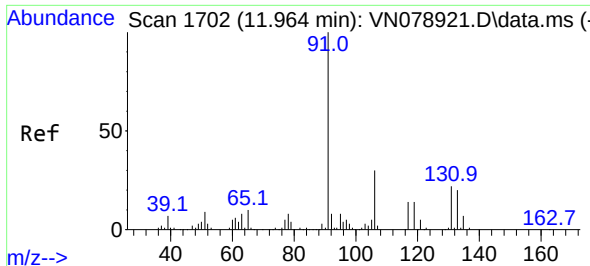
Supervised By :Mahesh
Dadoda
09/01/2023



#64
Chlorobenzene
Concen: 20.661 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

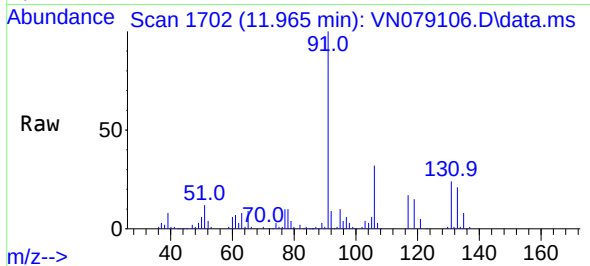
Tgt Ion:112 Resp: 120971
Ion Ratio Lower Upper
112 100
114 33.5 22.4 33.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.127 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

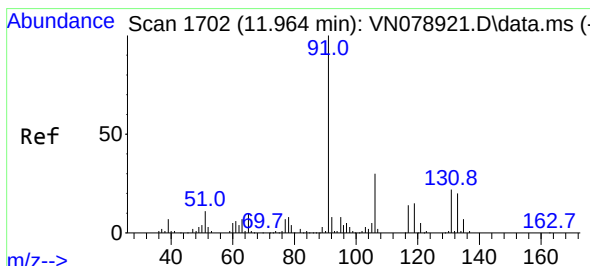
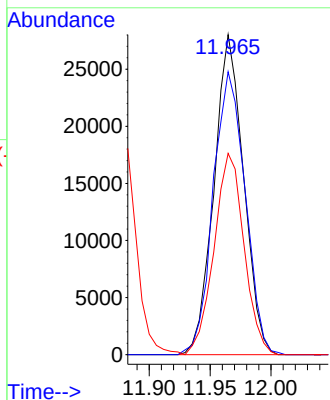
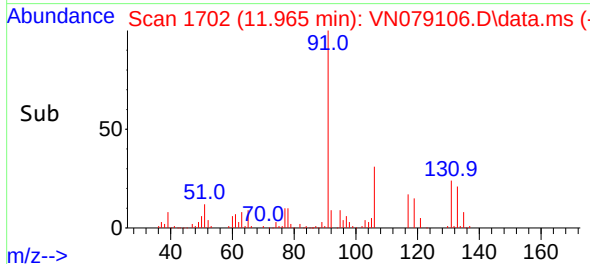


Tgt Ion:131 Resp: 47299
Ion Ratio Lower Upper
131 100
133 95.4 0.0 184.8
119 63.8 0.0 133.4

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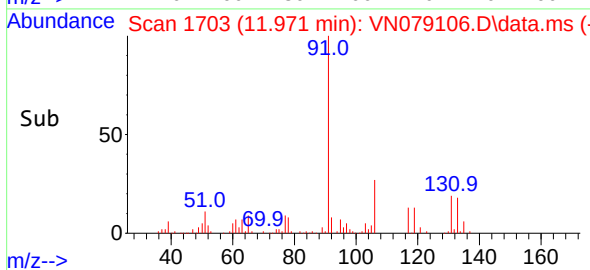
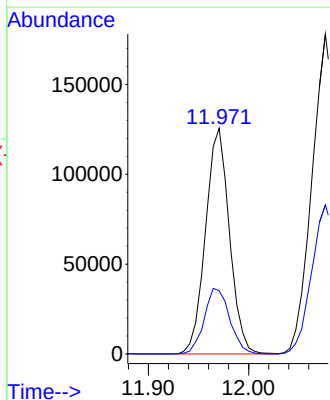
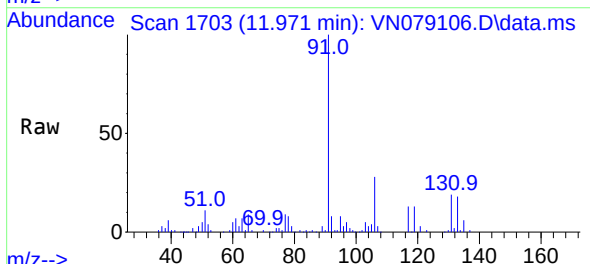
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

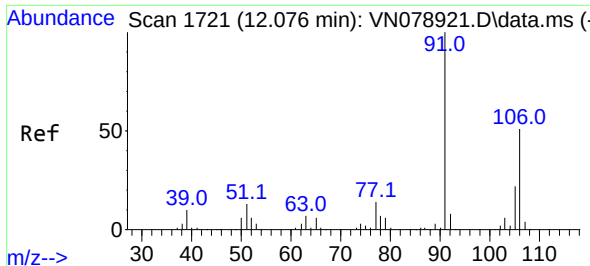
Supervised By :Mahesh
Dadoda
09/01/2023



#66
Ethyl Benzene
Concen: 20.470 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion: 91 Resp: 208510
Ion Ratio Lower Upper
91 100
106 28.1 24.1 36.1





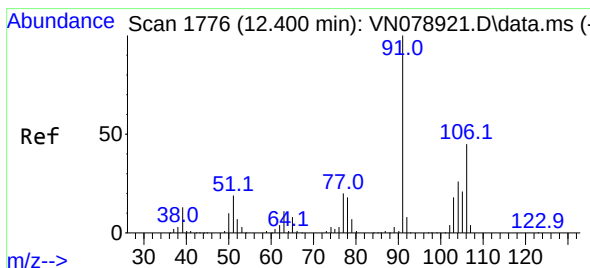
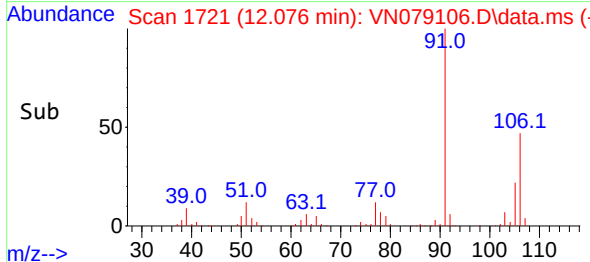
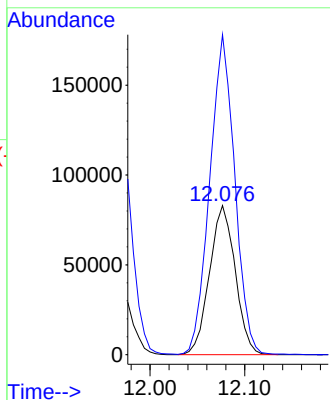
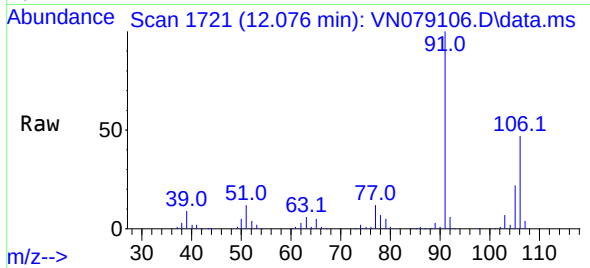
#67
m/p-Xylenes
Concen: 41.280 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 15677
Ion Ratio Lower Upper
106 100
91 208.8 161.2 241.8

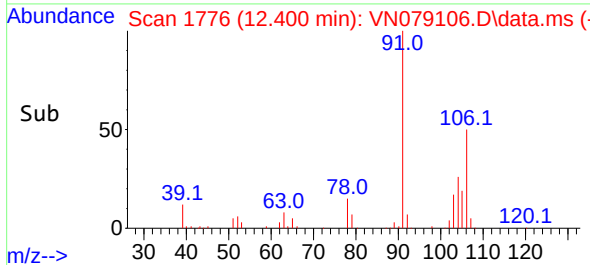
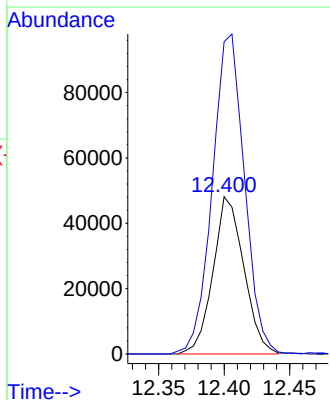
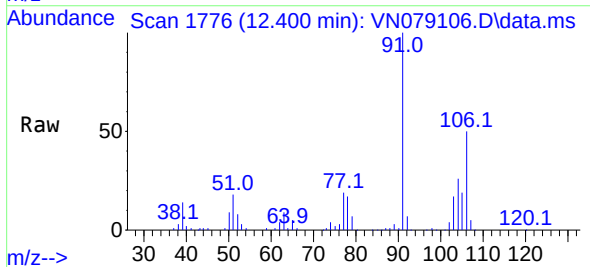
Manual Integrations
APPROVED

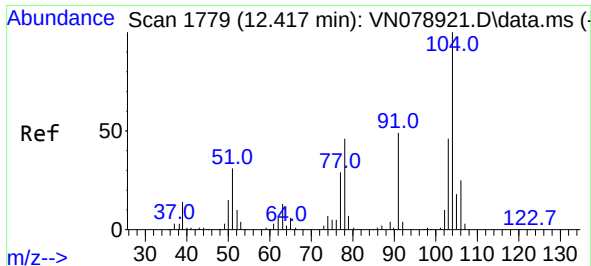
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#68
o-Xylene
Concen: 20.988 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

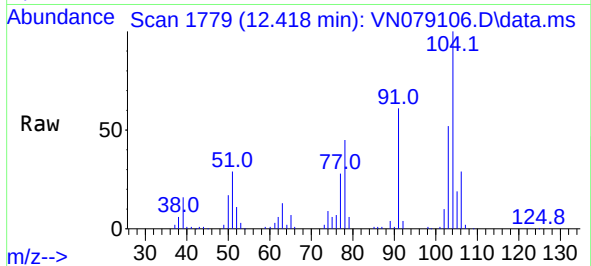
Tgt Ion:106 Resp: 78596
Ion Ratio Lower Upper
106 100
91 212.0 109.0 327.0





#69
Styrene
Concen: 21.016 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

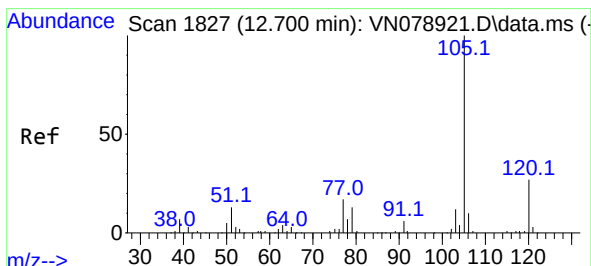
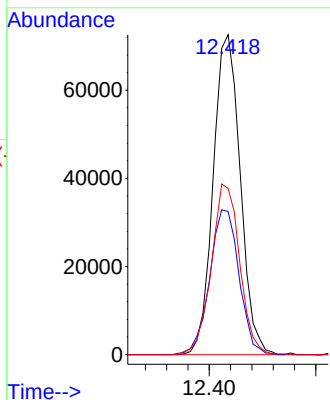


Tgt Ion:104 Resp: 127870
Ion Ratio Lower Upper
104 100
78 49.1 40.2 60.4
103 55.8 43.2 64.8

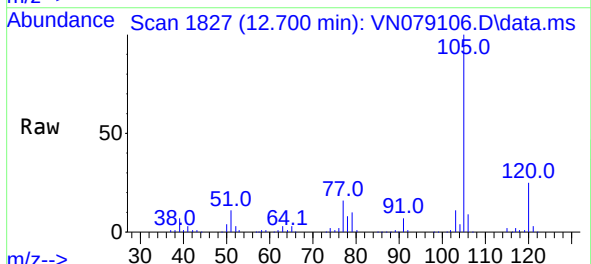
Manual Integrations
APPROVED

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

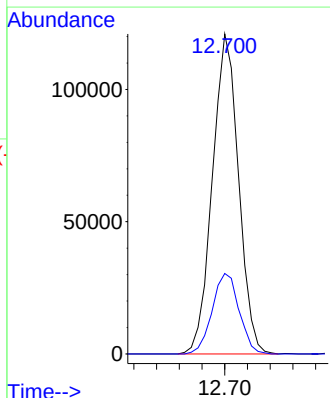
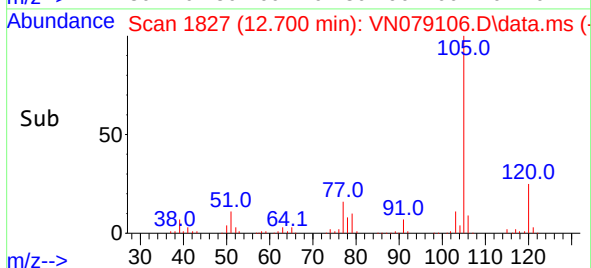
Supervised By :Mahesh
Dadoda
09/01/2023

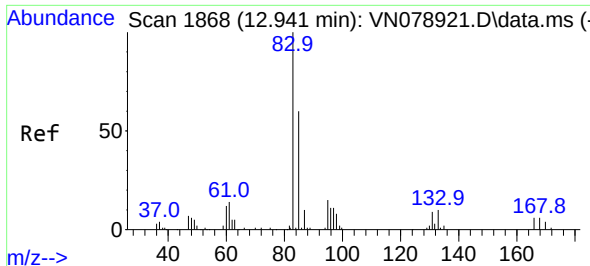


#70
Isopropylbenzene
Concen: 21.307 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



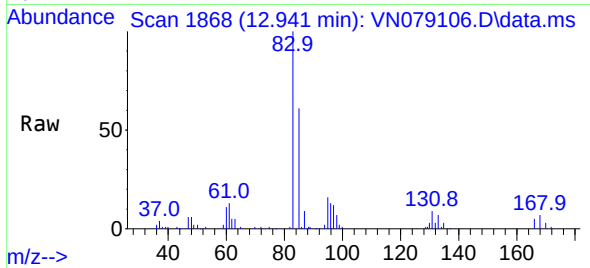
Tgt Ion:105 Resp: 193330
Ion Ratio Lower Upper
105 100
120 25.9 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 22.631 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

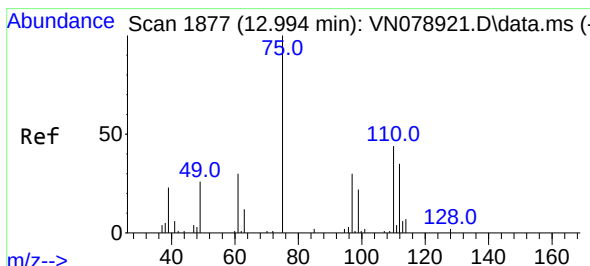
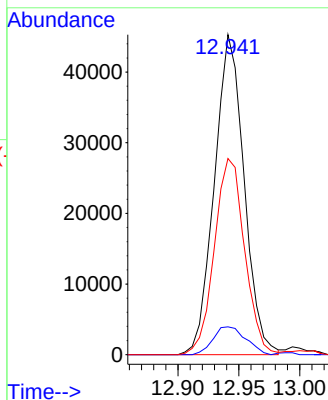
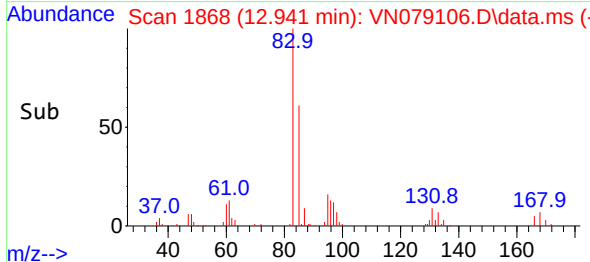


Tgt Ion: 83 Resp: 76970
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.0
85 62.3 31.9 95.7

Manual Integrations
APPROVED

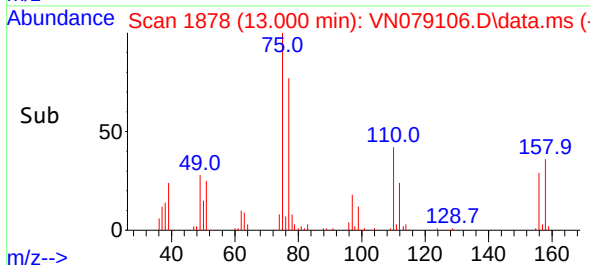
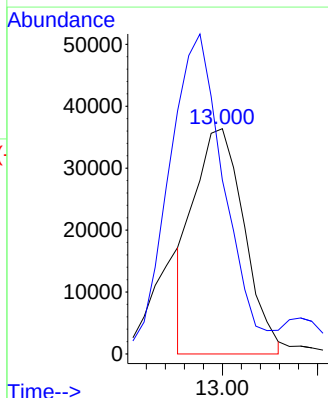
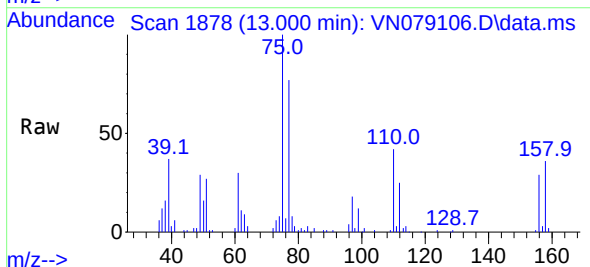
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

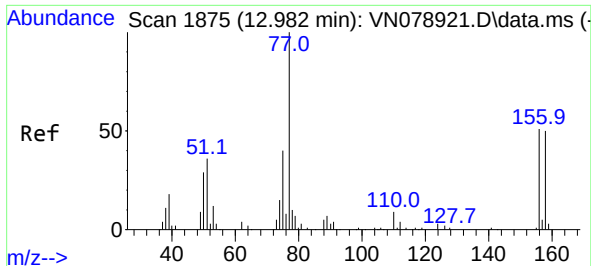
Supervised By :Mahesh
Dadoda
09/01/2023



#72
1,2,3-Trichloropropane
Concen: 24.038 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

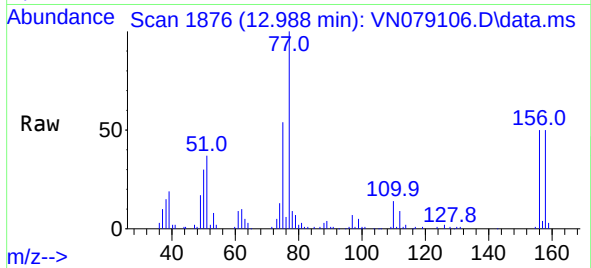
Tgt Ion: 75 Resp: 67075
Ion Ratio Lower Upper
75 100
77 156.0 0.0 367.4





#73
Bromobenzene
Concen: 20.279 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

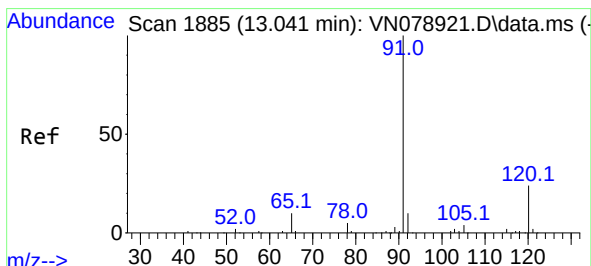
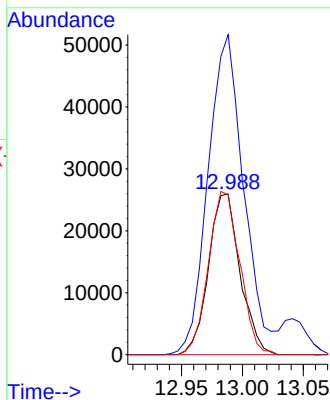
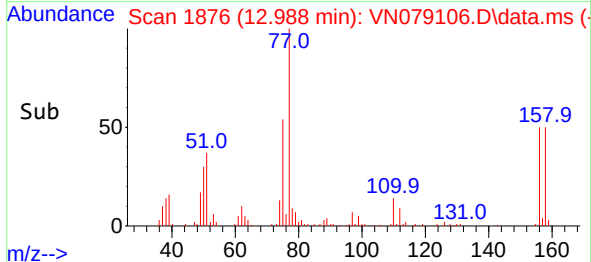


Tgt Ion:156 Resp: 46844
Ion Ratio Lower Upper
156 100
77 223.3 0.0 431.0
158 100.7 0.0 196.8

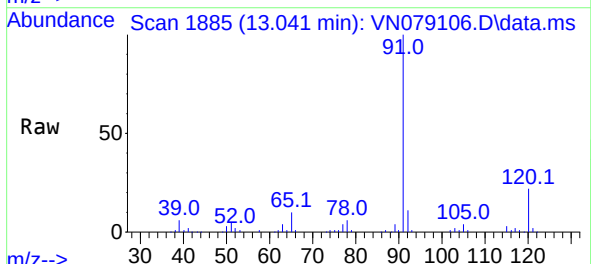
Manual Integrations
APPROVED

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

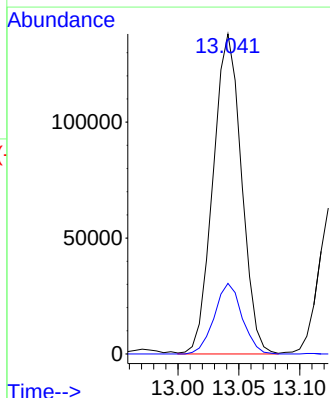
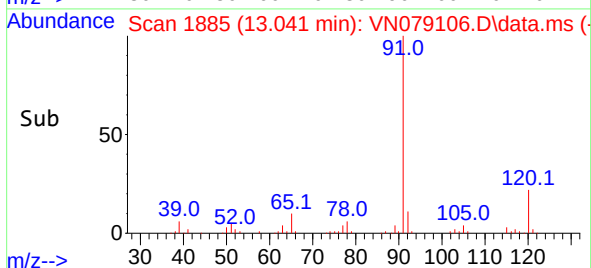
Supervised By :Mahesh
Dadoda
09/01/2023

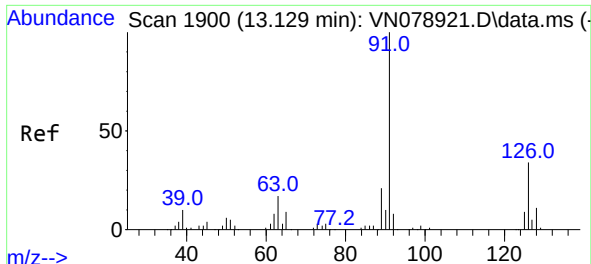


#74
n-propylbenzene
Concen: 21.856 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



Tgt Ion: 91 Resp: 224746
Ion Ratio Lower Upper
91 100
120 21.4 0.0 44.4





#75
2-Chlorotoluene
Concen: 21.414 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

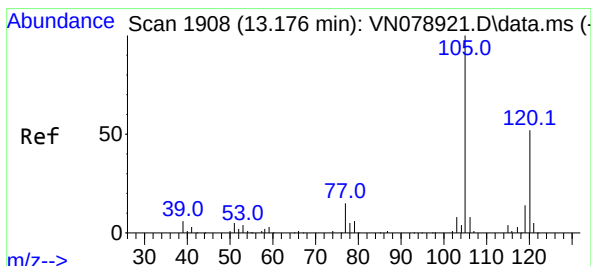
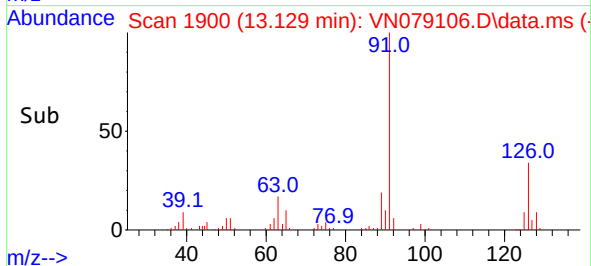
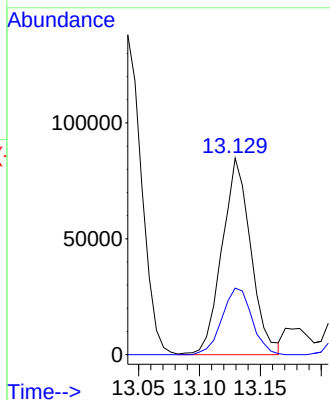
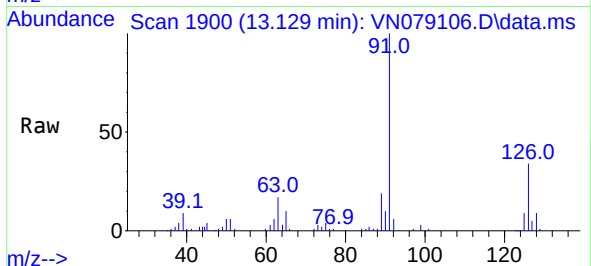
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 139694
Ion Ratio Lower Upper
91 100
126 35.1 0.0 67.2

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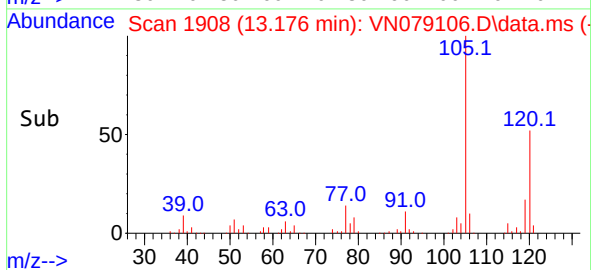
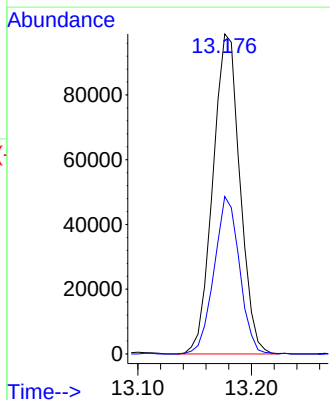
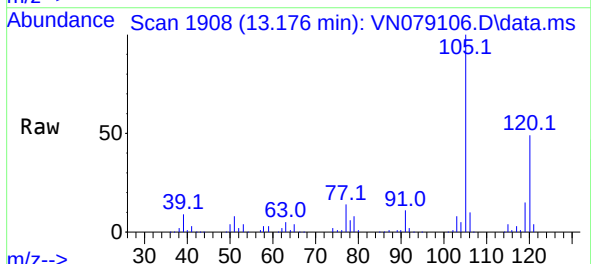
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

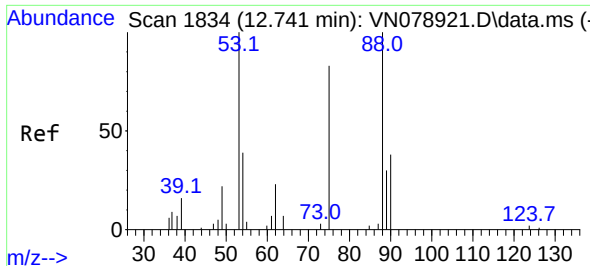
Supervised By :Mahesh
Dadoda
09/01/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.749 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

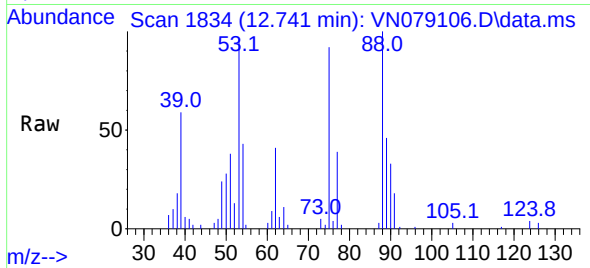
Tgt Ion:105 Resp: 163623
Ion Ratio Lower Upper
105 100
120 46.2 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.509 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

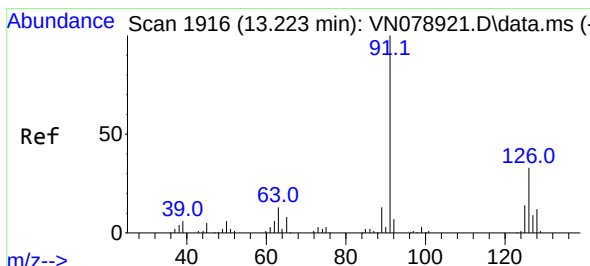
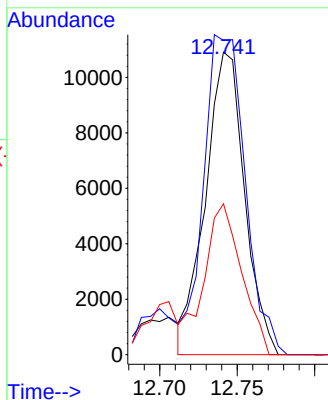
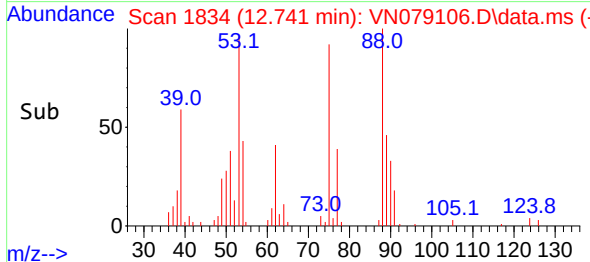


Tgt Ion: 75 Resp: 1919
Ion Ratio Lower Upper
75 100
53 101.1 60.1 180.3
89 49.9 22.9 68.8

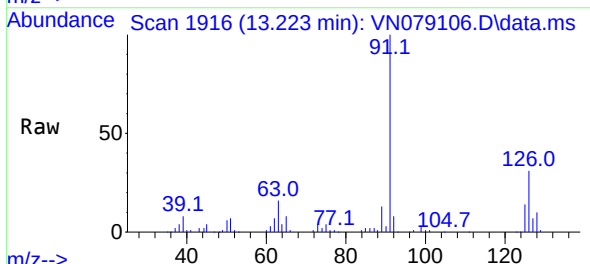
Manual Integrations
APPROVED

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

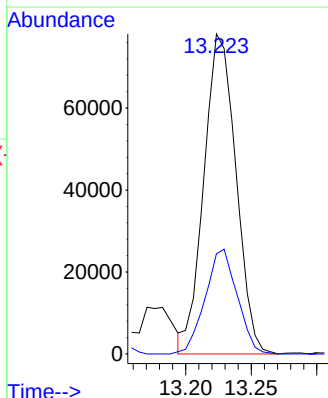
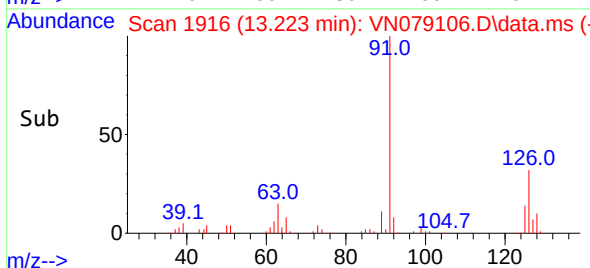
Supervised By :Mahesh
Dadoda
09/01/2023

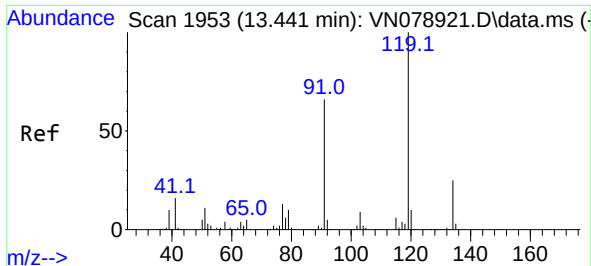


#78
4-Chlorotoluene
Concen: 21.286 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



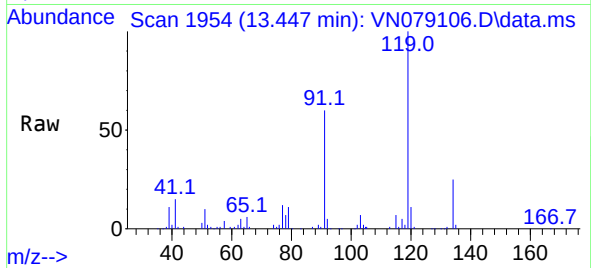
Tgt Ion: 91 Resp: 133032
Ion Ratio Lower Upper
91 100
126 32.6 0.0 67.4





#79
tert-butylbenzene
Concen: 21.898 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

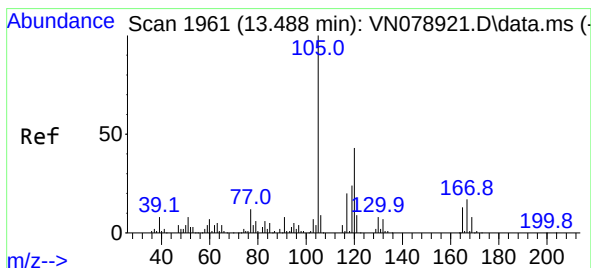
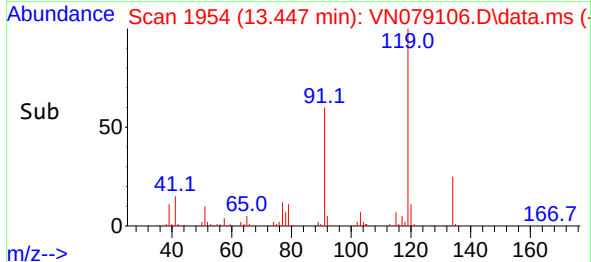
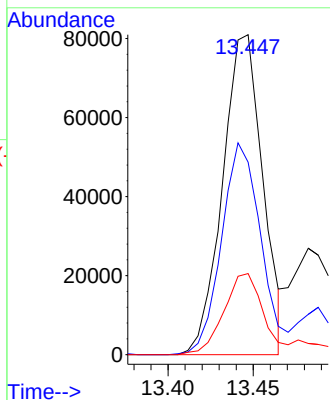


Tgt Ion:119 Resp: 133093
Ion Ratio Lower Upper
119 100
91 65.0 0.0 135.6
134 24.8 0.0 51.4

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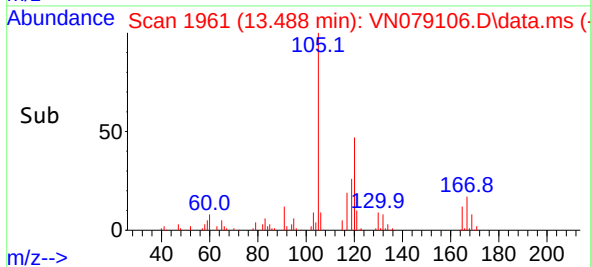
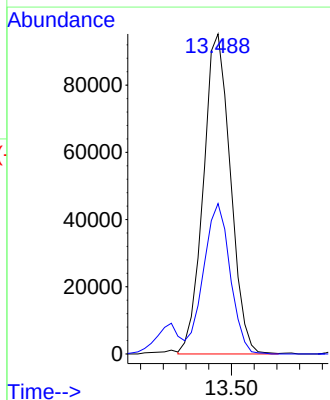
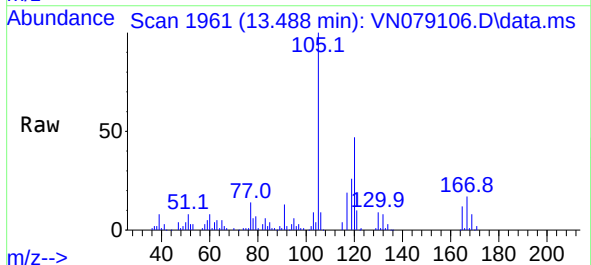
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

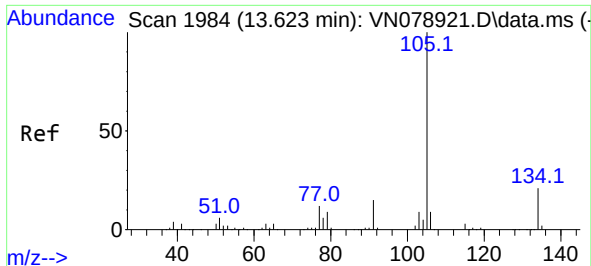
Supervised By :Mahesh
Dadoda
09/01/2023



#80
1,2,4-Trimethylbenzene
Concen: 22.323 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion:105 Resp: 157882
Ion Ratio Lower Upper
105 100
120 45.4 0.0 91.6





#81
 sec-Butylbenzene
 Concen: 22.796 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079106.D
 Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

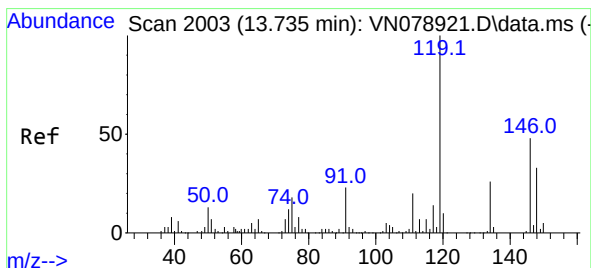
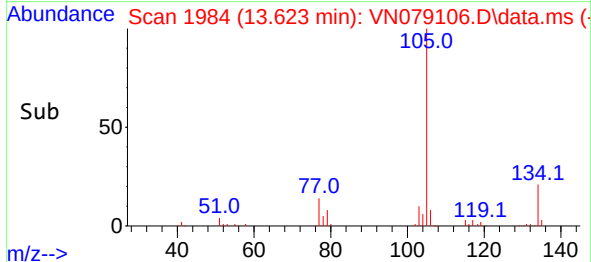
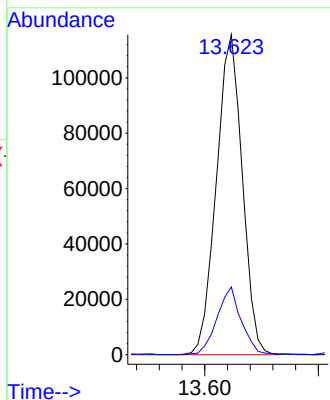
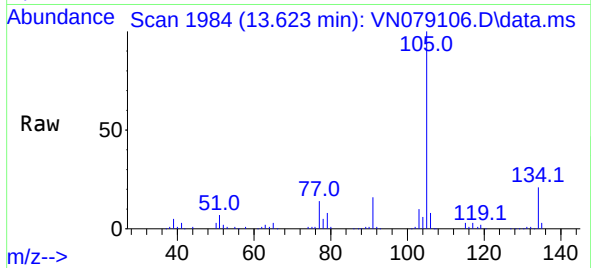
VSTDCCC020

Tgt Ion:105 Resp: 182850
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 41.6

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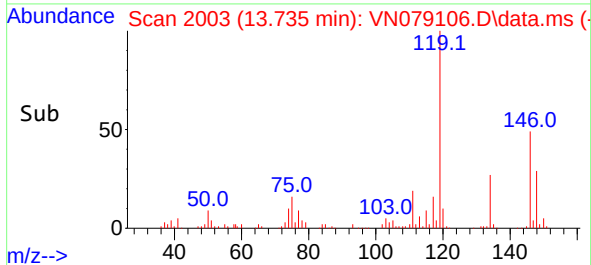
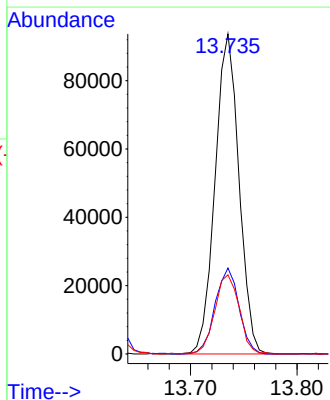
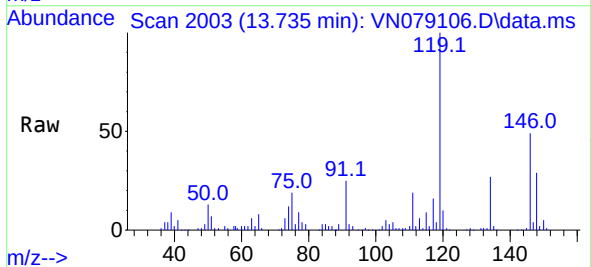
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023

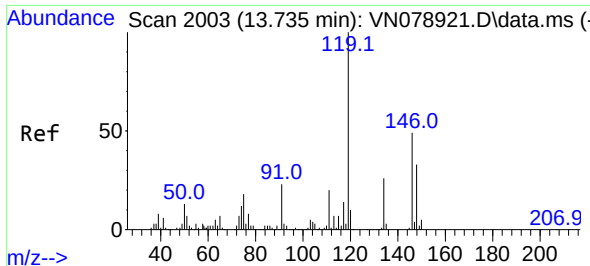
Supervised By :Mahesh
 Dadoda
 09/01/2023



#82
 p-Isopropyltoluene
 Concen: 22.254 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079106.D
 Acq: 29 Aug 2023 20:08

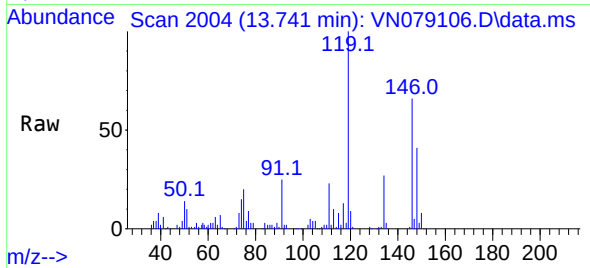
Tgt Ion:119 Resp: 145743
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.4
 91 25.4 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 22.027 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

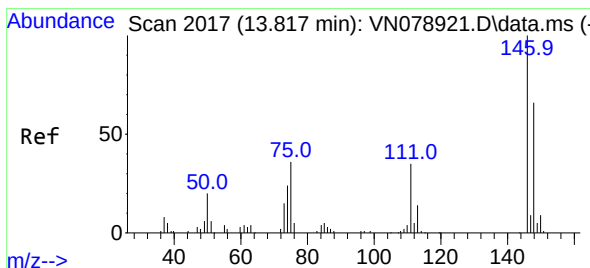
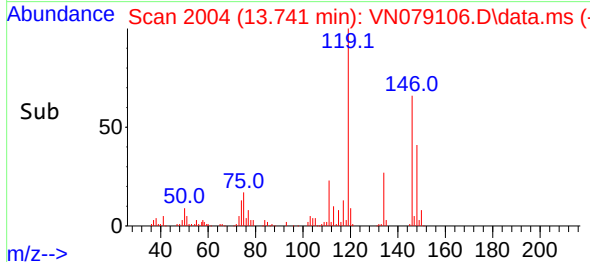
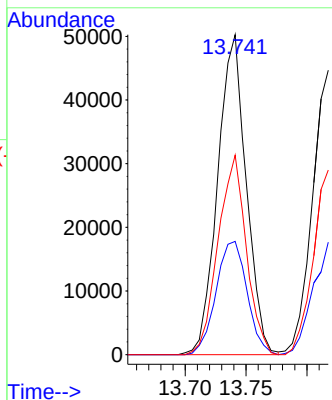


Tgt Ion:146 Resp: 8211
Ion Ratio Lower Upper
146 100
111 38.5 21.2 63.6
148 61.6 33.1 99.5

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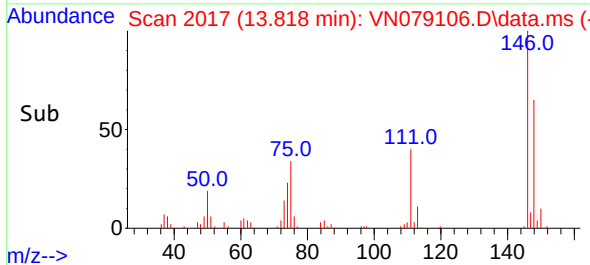
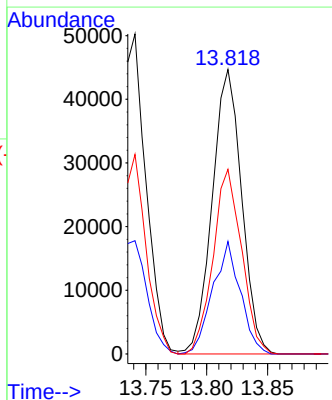
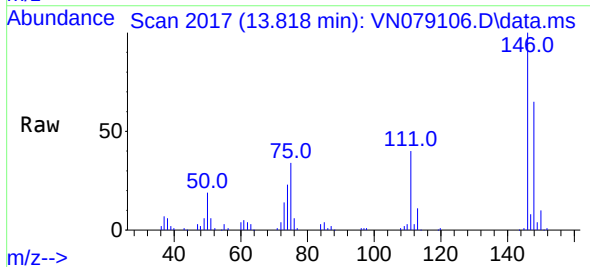
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

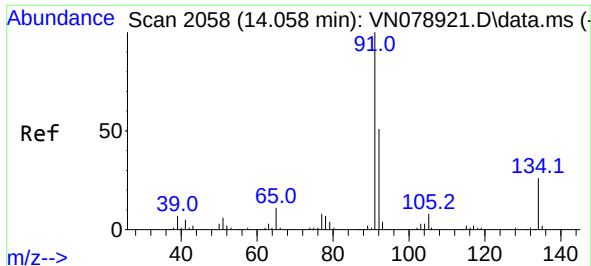
Supervised By :Mahesh
Dadoda
09/01/2023



#84
1,4-Dichlorobenzene
Concen: 20.558 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Tgt Ion:146 Resp: 75242
Ion Ratio Lower Upper
146 100
111 37.2 18.6 56.0
148 63.0 32.0 96.2





#85
n-Butylbenzene
Concen: 21.280 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

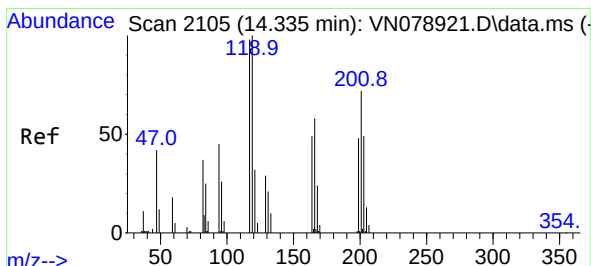
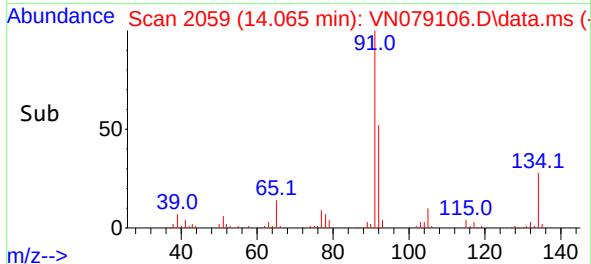
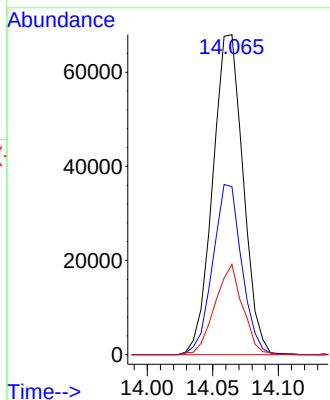
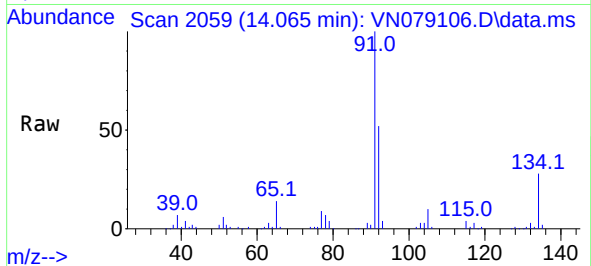
Tgt Ion: 91 Resp: 109609
Ion Ratio Lower Upper
91 100
92 50.8 0.0 102.8
134 25.7 0.0 48.6

Manual Integrations

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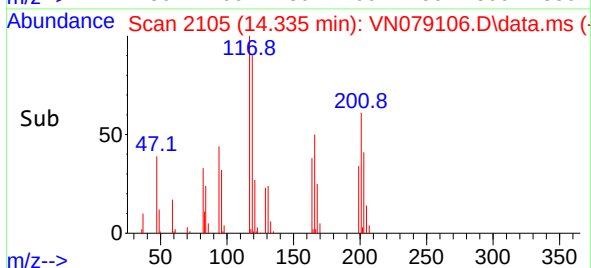
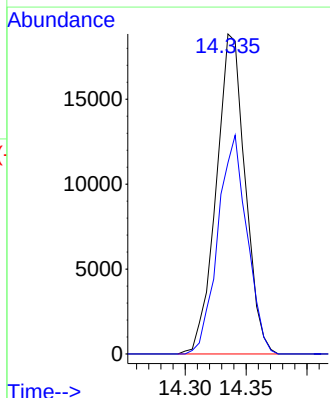
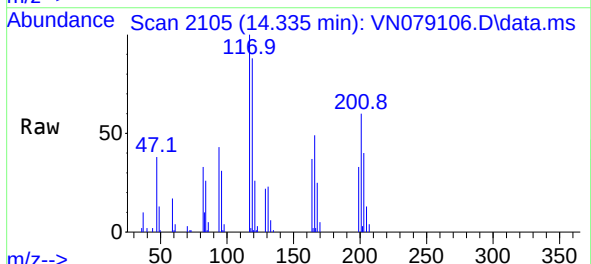
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

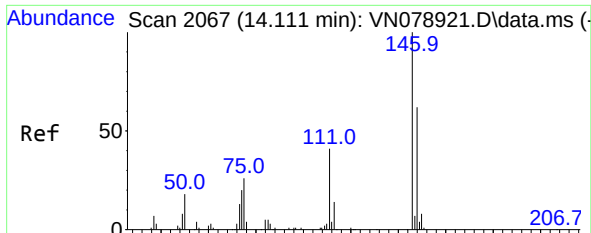
Supervised By :Mahesh
Dadoda
09/01/2023



#86
Hexachloroethane
Concen: 23.261 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

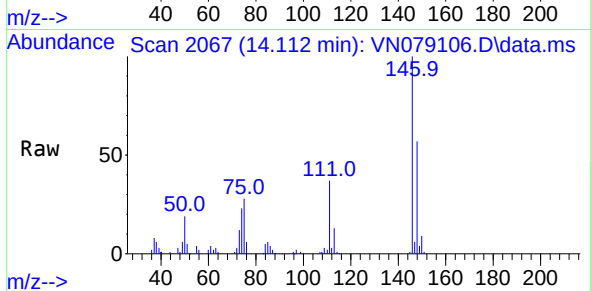
Tgt Ion:117 Resp: 31170
Ion Ratio Lower Upper
117 100
201 69.0 36.6 109.8





#87
1,2-Dichlorobenzene
Concen: 21.899 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

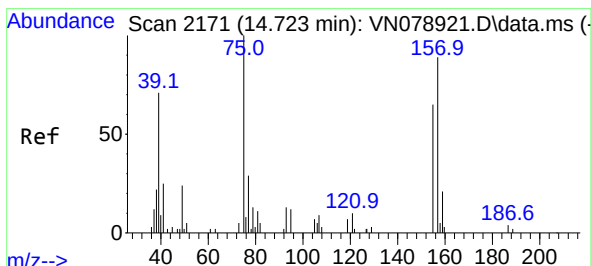
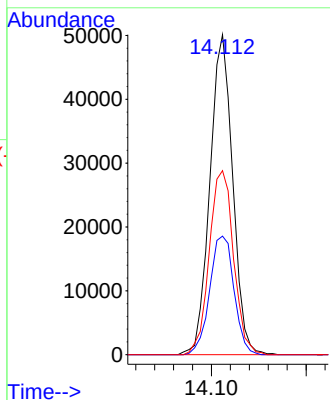
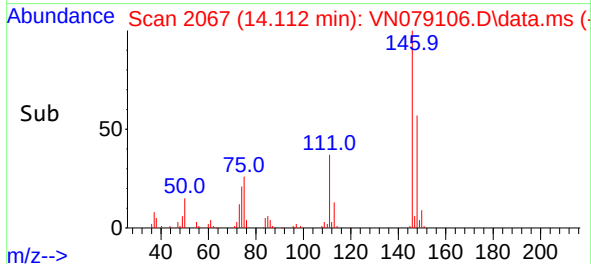


Tgt Ion:146 Resp: 83610
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.8
148 61.5 32.0 96.2

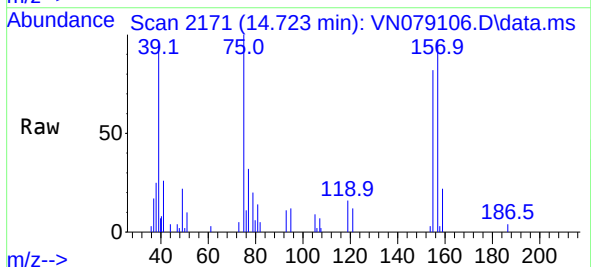
Manual Integrations
APPROVED

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

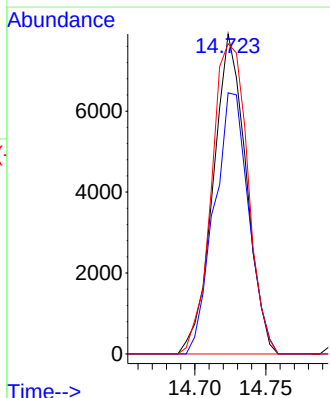
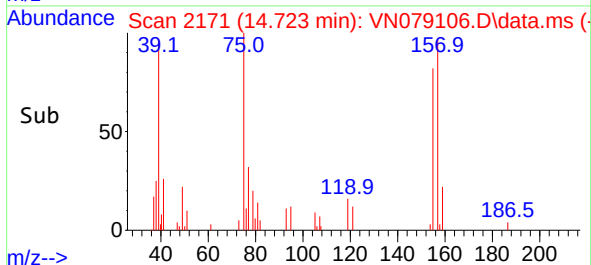
Supervised By :Mahesh
Dadoda
09/01/2023

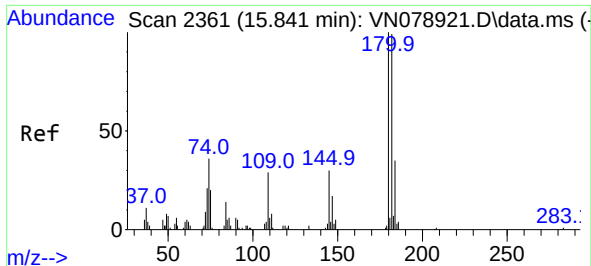


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.859 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



Tgt Ion: 75 Resp: 12734
Ion Ratio Lower Upper
75 100
155 85.6 61.1 91.7
157 106.9 79.8 119.6





#89
1,2,4-Trichlorobenzene
Concen: 19.872 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

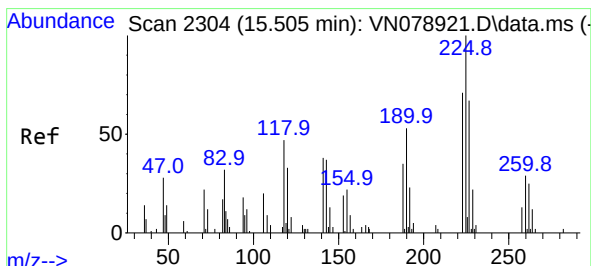
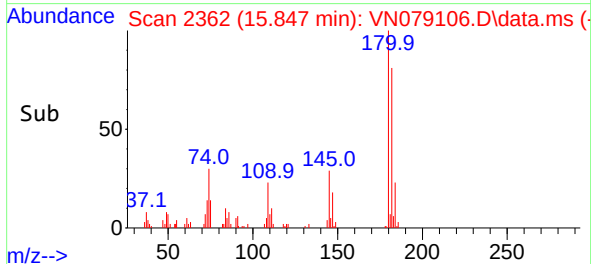
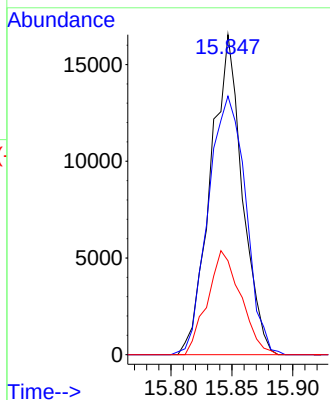
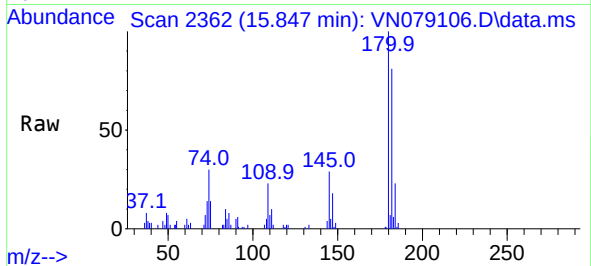
Tgt Ion:180 Resp: 2996
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 34.2 26.5 39.7

Manual Integrations

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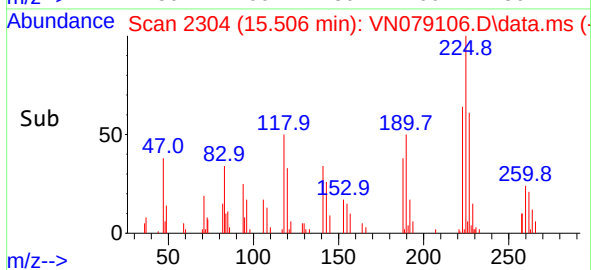
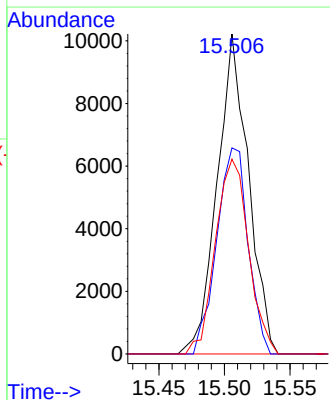
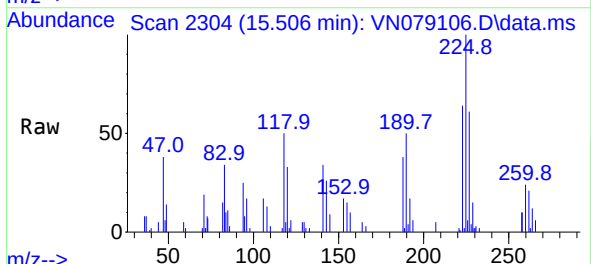
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

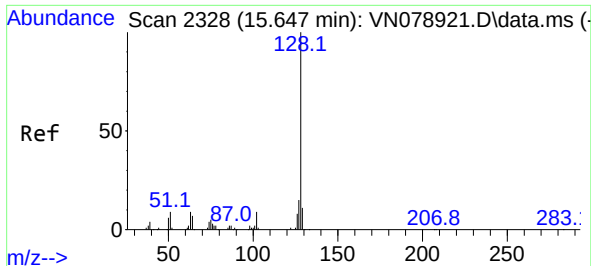
Supervised By :Mahesh
Dadoda
09/01/2023



#90
Hexachlorobutadiene
Concen: 21.587 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

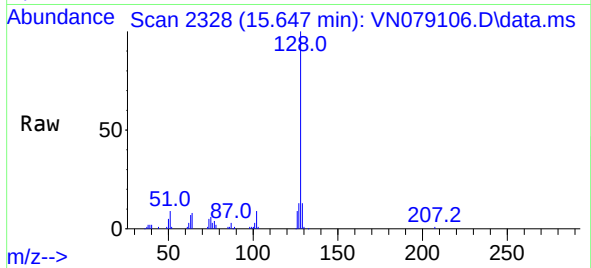
Tgt Ion:225 Resp: 16947
Ion Ratio Lower Upper
225 100
223 64.5 0.0 124.0
227 64.5 0.0 117.4





#91
Naphthalene
Concen: 16.877 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08

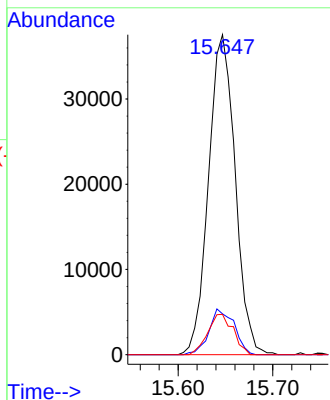
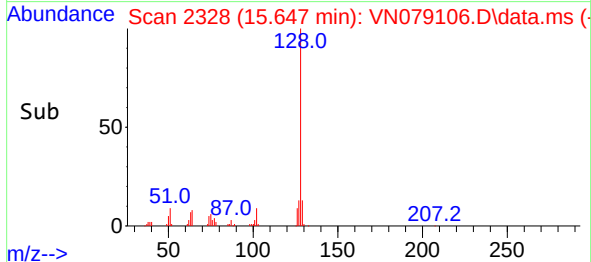
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



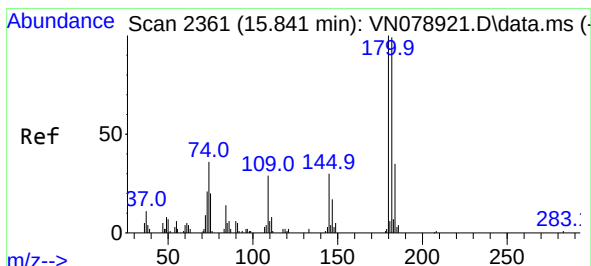
Tgt Ion:128 Resp: 7340
Ion Ratio Lower Upper
128 100
127 13.6 11.1 16.7
129 12.0 8.6 13.0

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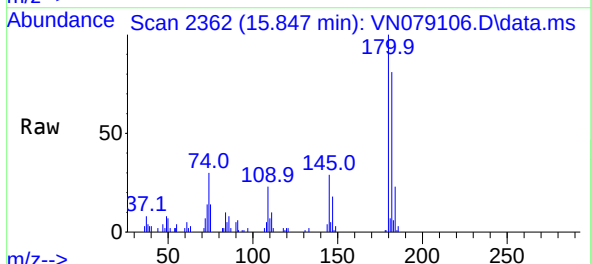
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



Supervised By :Mahesh
Dadoda
09/01/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.872 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079106.D
Acq: 29 Aug 2023 20:08



Tgt Ion:180 Resp: 29965
Ion Ratio Lower Upper
180 100
182 95.4 0.0 190.2
145 34.2 0.0 66.2

