

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077059.D
 Acq On : 20 Mar 2023 10:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 05:32:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	368850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	667318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	604025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	276308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	314927	53.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.172	113	242834	51.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	10.566	98	887375	53.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.320%			
62) 4-Bromofluorobenzene	12.848	95	330163	55.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	154939	44.330	ug/l	100
3) Chloromethane	2.372	50	154728	41.634	ug/l	98
4) Vinyl Chloride	2.531	62	178356	44.462	ug/l	95
5) Bromomethane	2.960	94	123182	45.462	ug/l	99
6) Chloroethane	3.131	64	146490	57.712	ug/l	96
7) Trichlorofluoromethane	3.513	101	386551	44.793	ug/l	99
8) Diethyl Ether	3.972	74	172956	53.254	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	221835	45.317	ug/l	99
10) Methyl Iodide	4.601	142	287162	52.083	ug/l	98
11) Tert butyl alcohol	5.531	59	205294	239.123	ug/l	100
12) 1,1-Dichloroethene	4.354	96	214772	47.960	ug/l	98
13) Acrolein	4.190	56	263058	247.729	ug/l	99
14) Allyl chloride	5.031	41	447029	54.528	ug/l	95
15) Acrylonitrile	5.725	53	716193	248.144	ug/l	99
16) Acetone	4.437	43	722364	275.163	ug/l	99
17) Carbon Disulfide	4.725	76	590726	45.240	ug/l	96
18) Methyl Acetate	5.031	43	484233	48.915	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	861603	53.609	ug/l	98
20) Methylene Chloride	5.290	84	281367	49.384	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	239623	49.369	ug/l	97
22) Diisopropyl ether	6.678	45	950046	52.892	ug/l	98
23) Vinyl Acetate	6.613	43	3046061	268.738	ug/l	99
24) 1,1-Dichloroethane	6.578	63	500622	48.706	ug/l	98
25) 2-Butanone	7.484	43	957975	249.452	ug/l	99
26) 2,2-Dichloropropane	7.495	77	391210	50.585	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	292848	52.680	ug/l	98
28) Bromochloromethane	7.813	49	199892	44.782	ug/l	98
29) Tetrahydrofuran	7.842	42	618023	248.346	ug/l	99
30) Chloroform	7.972	83	497918	49.911	ug/l	98
31) Cyclohexane	8.260	56	425741	44.165	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	412040	48.325	ug/l	99
36) 1,1-Dichloropropene	8.378	75	355190	48.661	ug/l	99
37) Ethyl Acetate	7.566	43	382137	48.931	ug/l	100
38) Carbon Tetrachloride	8.366	117	341328	48.008	ug/l	98
39) Methylcyclohexane	9.601	83	427595	50.047	ug/l	100
40) Benzene	8.607	78	1103448	49.846	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	212397m	50.484	ug/l	
42) 1,2-Dichloroethane	8.672	62	403077	50.389	ug/l	99
43) Isopropyl Acetate	8.689	43	622899	51.057	ug/l	98
44) Trichloroethene	9.354	130	242795	47.749	ug/l	91
45) 1,2-Dichloropropane	9.625	63	306172	52.075	ug/l	97
46) Dibromomethane	9.713	93	189156	51.012	ug/l	98
47) Bromodichloromethane	9.889	83	398900	51.292	ug/l	100
48) Methyl methacrylate	9.683	41	312247	53.536	ug/l	99
49) 1,4-Dioxane	9.695	88	98942	993.219	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1912529	251.738	ug/l	99
52) Toluene	10.630	92	679134	51.382	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	434705	57.031	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	477129	55.480	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	272107	52.207	ug/l	99
56) Ethyl methacrylate	10.877	69	443551	56.593	ug/l	97
57) 1,3-Dichloropropane	11.166	76	487245	51.061	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	838005	250.799	ug/l	100
59) 2-Hexanone	11.195	43	1394193	253.011	ug/l	100
60) Dibromochloromethane	11.360	129	286062	54.638	ug/l	100
61) 1,2-Dibromoethane	11.472	107	268436	51.936	ug/l	99
64) Tetrachloroethene	11.107	164	191061	47.131	ug/l	98
65) Chlorobenzene	11.895	112	691226	49.736	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	258963	50.357	ug/l	99
67) Ethyl Benzene	11.966	91	1303785	51.647	ug/l	99
68) m/p-Xylenes	12.071	106	980971	104.781	ug/l	100
69) o-Xylene	12.401	106	483227	51.946	ug/l	100
70) Styrene	12.413	104	806019	55.654	ug/l	100
71) Bromoform	12.577	173	190274	54.603	ug/l	99
73) Isopropylbenzene	12.695	105	1244668	50.266	ug/l	100
74) N-amyl acetate	12.495	43	545826	50.927	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	401470	44.752	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	352372m	49.303	ug/l	
77) Bromobenzene	12.983	156	274568	49.499	ug/l	96
78) n-propylbenzene	13.036	91	1488574	52.076	ug/l	100
79) 2-Chlorotoluene	13.124	91	914959	50.233	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1079753	52.228	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	130446	50.239	ug/l	99
82) 4-Chlorotoluene	13.224	91	897018	51.790	ug/l	100
83) tert-Butylbenzene	13.442	119	887913	51.153	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1079170	52.308	ug/l	99
85) sec-Butylbenzene	13.618	105	1283849	51.995	ug/l	99
86) p-Isopropyltoluene	13.730	119	1061776	53.547	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	516923	49.307	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	520644	49.915	ug/l	99
89) n-Butylbenzene	14.060	91	944352	54.288	ug/l	99
90) Hexachloroethane	14.336	117	194739	48.305	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	520533	49.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	79126	47.600	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	270164	57.190	ug/l	100
94) Hexachlorobutadiene	15.501	225	128784	49.502	ug/l	99
95) Naphthalene	15.642	128	895798	48.842	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	266170	56.153	ug/l	99

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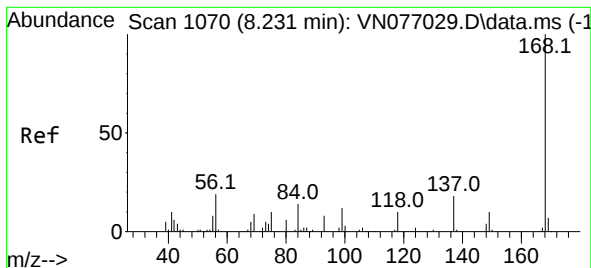
Manual Integrations
APPROVED

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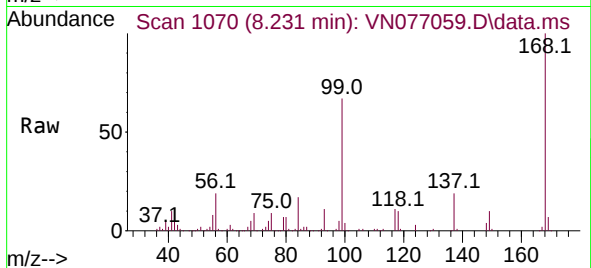
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077059.D
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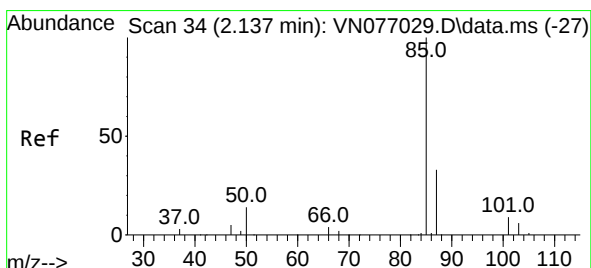
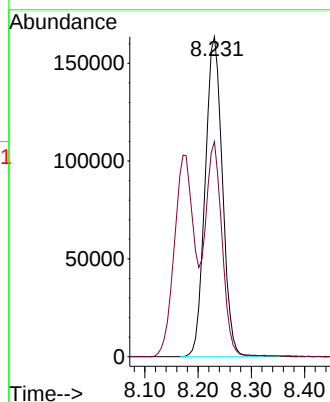
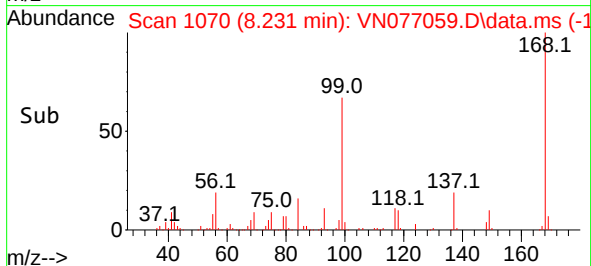
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 368850
Ion Ratio Lower Upper
168 100
99 67.0 53.9 80.9

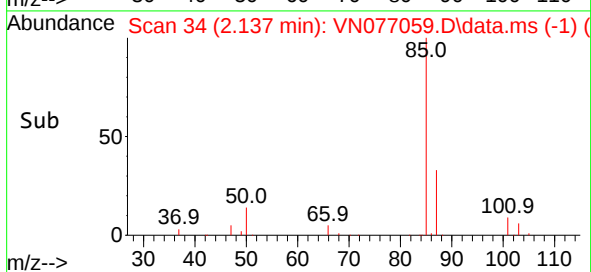
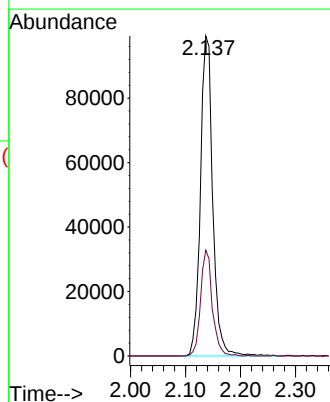
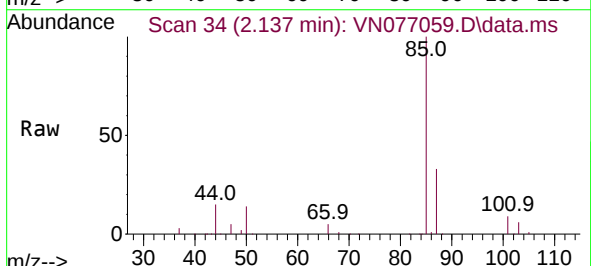
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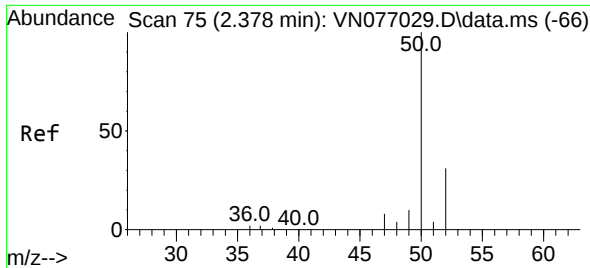
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#2
Dichlorodifluoromethane
Concen: 44.330 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Tgt Ion: 85 Resp: 154939
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2





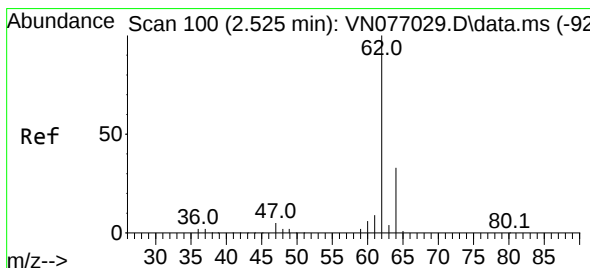
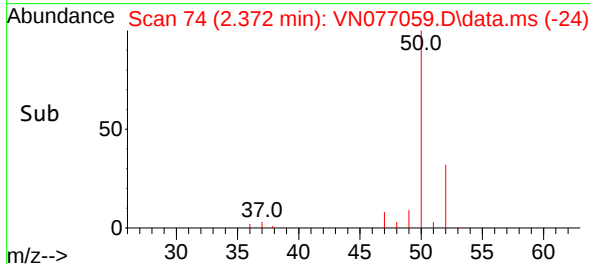
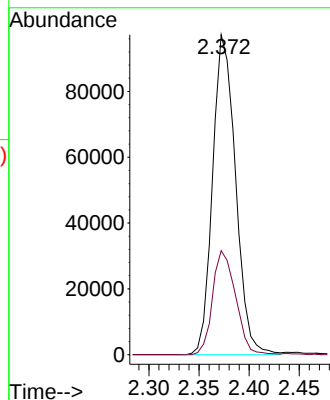
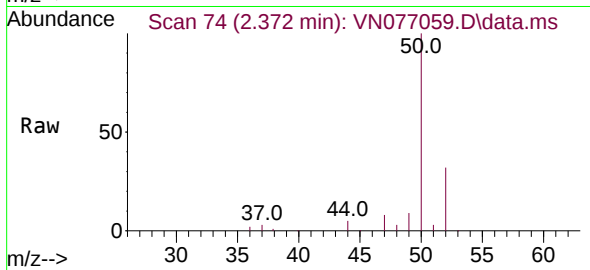
#3
Chloromethane
Concen: 41.634 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

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Tgt Ion: 50 Resp: 154728
Ion Ratio Lower Upper
50 100
52 32.5 25.1 37.7

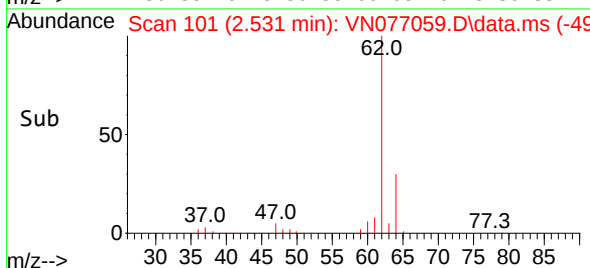
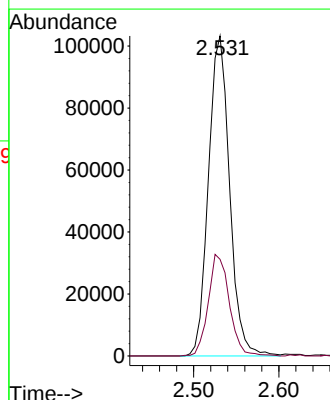
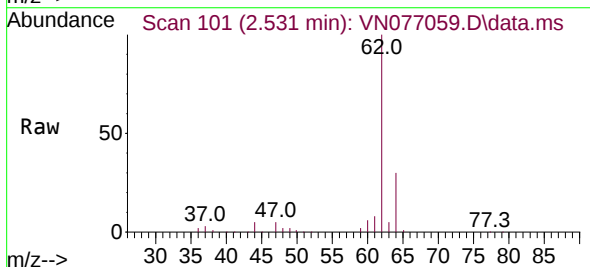
Manual Integrations
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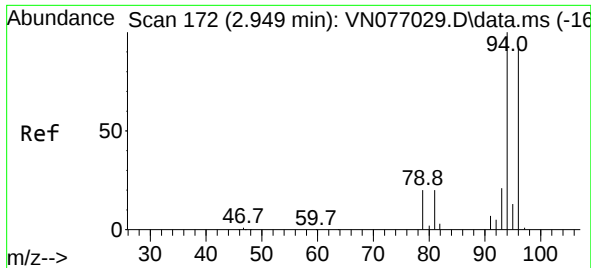
Reviewed By :John Carlone 03/21/2023
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#4
Vinyl Chloride
Concen: 44.462 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Tgt Ion: 62 Resp: 178356
Ion Ratio Lower Upper
62 100
64 30.2 26.6 40.0





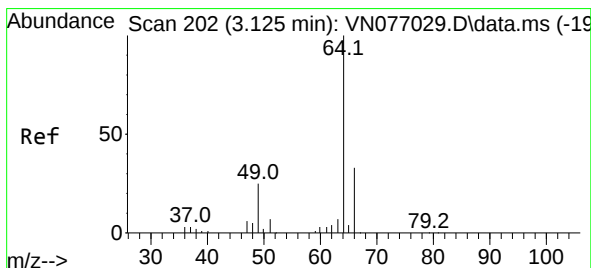
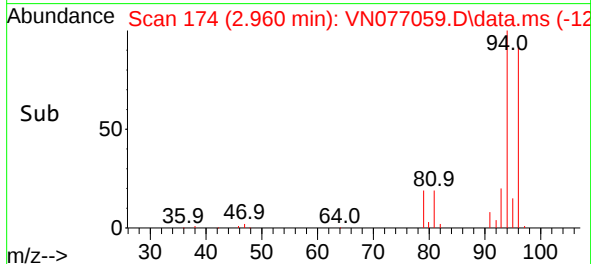
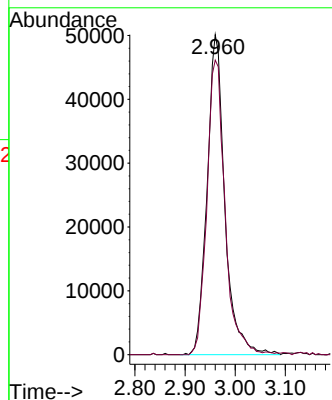
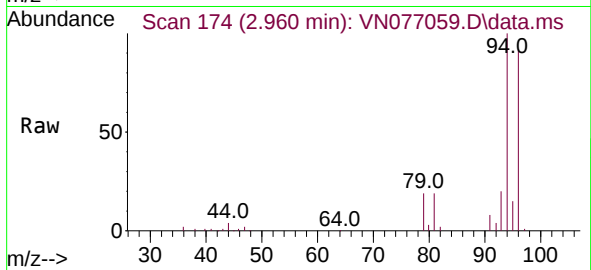
#5
Bromomethane
Concen: 45.462 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 12318
Ion Ratio Lower Upper
94 100
96 92.1 74.1 111.1

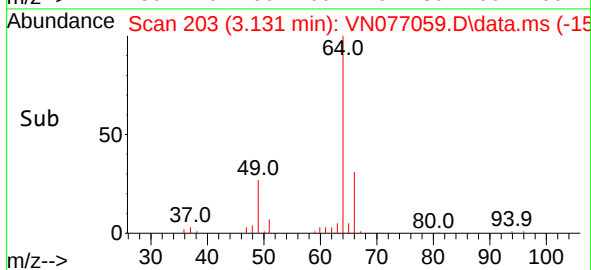
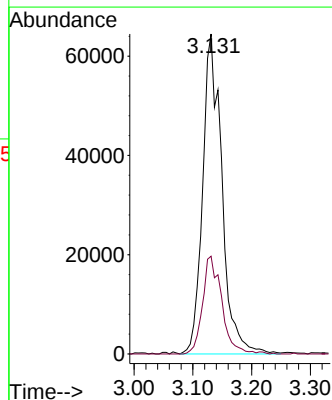
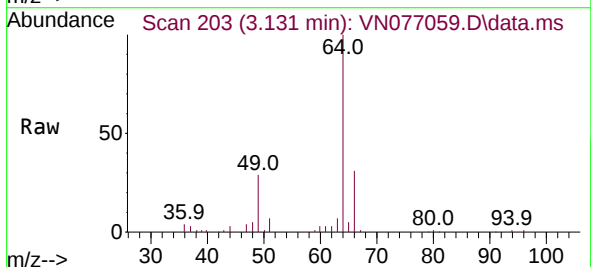
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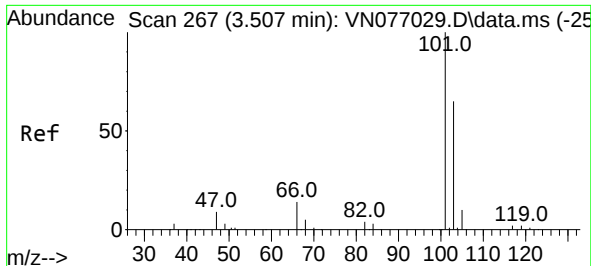
Reviewed By :John Carlone 03/21/2023
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#6
Chloroethane
Concen: 57.712 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Tgt Ion: 64 Resp: 146490
Ion Ratio Lower Upper
64 100
66 30.5 26.3 39.5





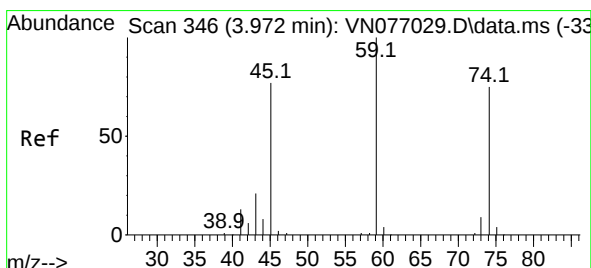
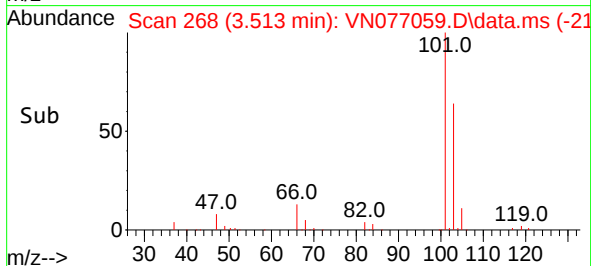
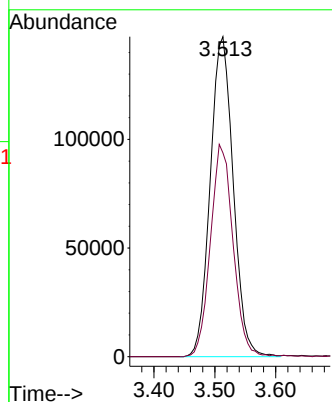
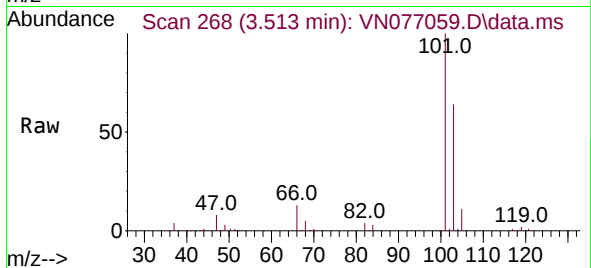
#7
Trichlorofluoromethane
Concen: 44.793 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 38655
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6

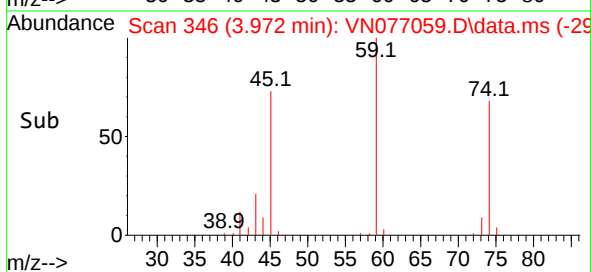
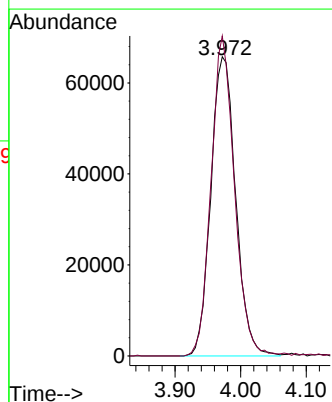
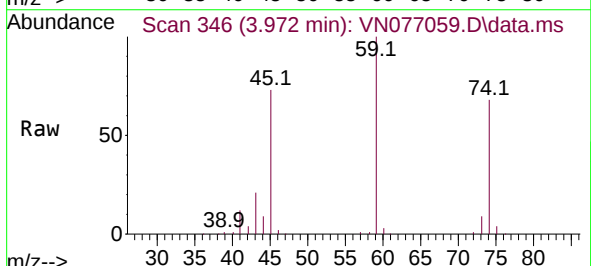
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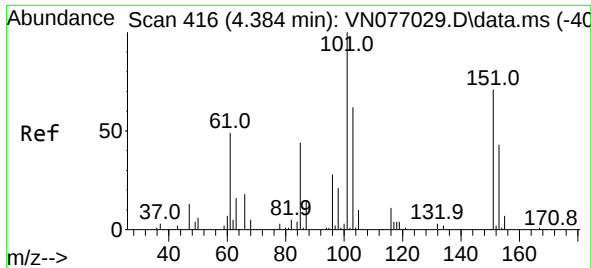
Reviewed By :John Carlone 03/21/2023
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#8
Diethyl Ether
Concen: 53.254 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

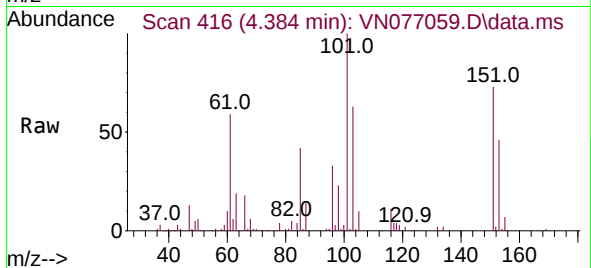
Tgt Ion: 74 Resp: 172956
Ion Ratio Lower Upper
74 100
45 100.8 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.317 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077059.D
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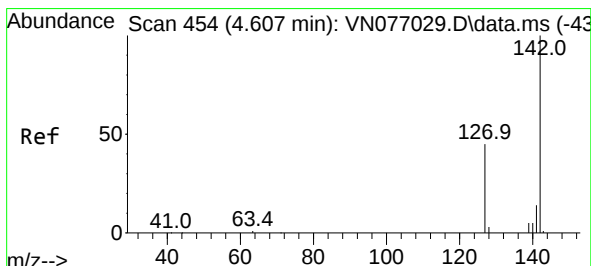
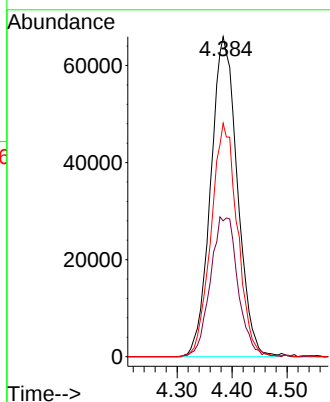
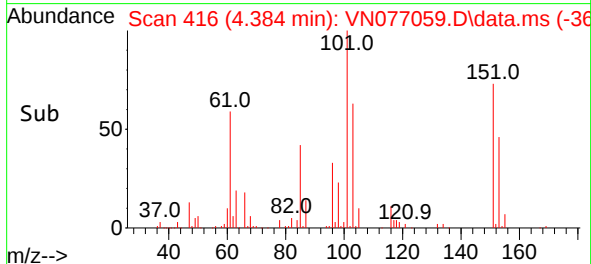
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



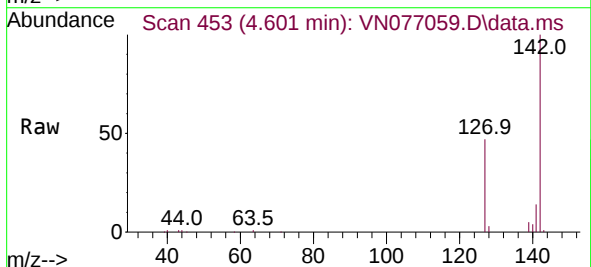
Tgt Ion:101 Resp: 221835
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 72.1 56.9 85.3

Manual Integrations
APPROVED

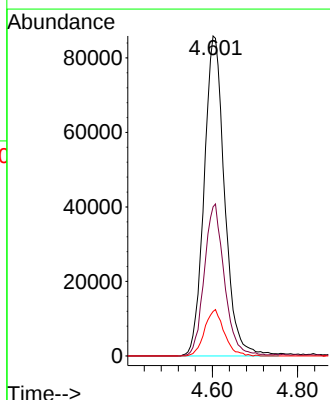
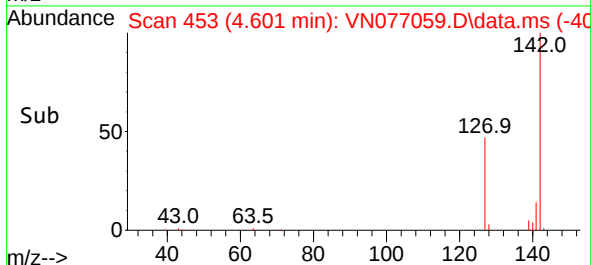
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

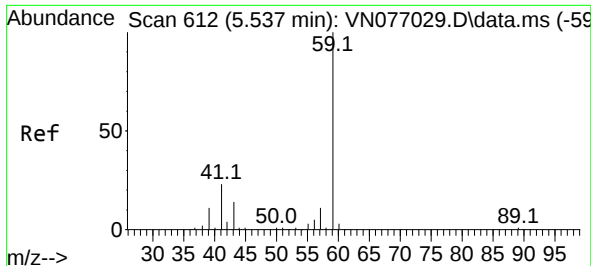


#10
Methyl Iodide
Concen: 52.083 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion:142 Resp: 287162
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 13.9 10.8 16.2





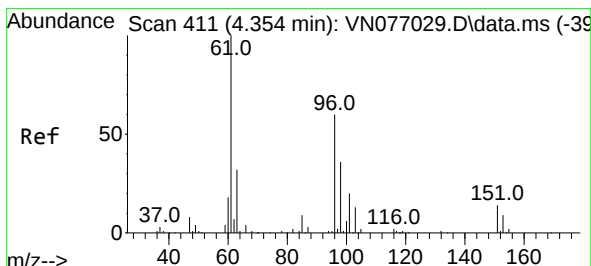
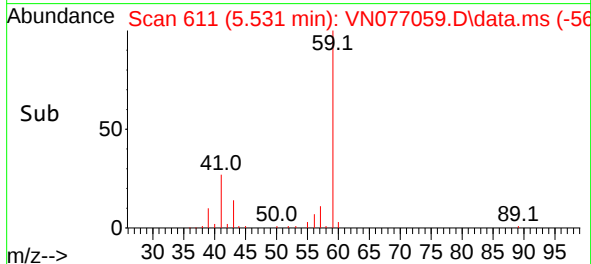
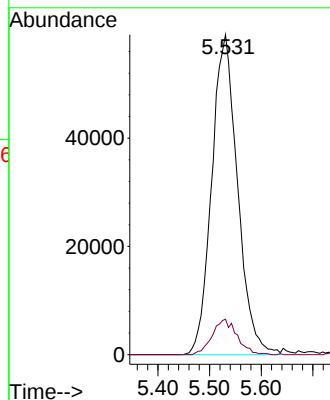
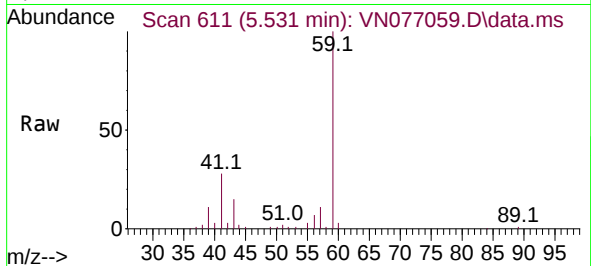
#11
Tert butyl alcohol
Concen: 239.123 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 205294
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

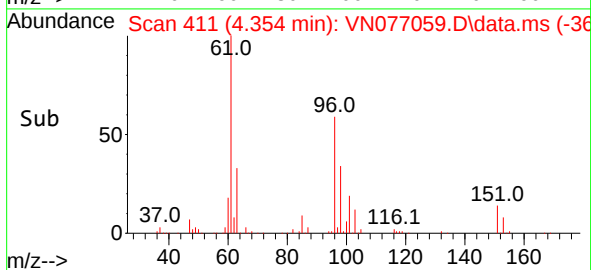
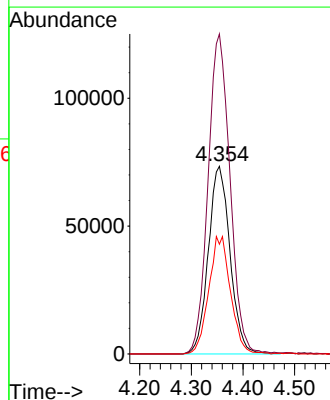
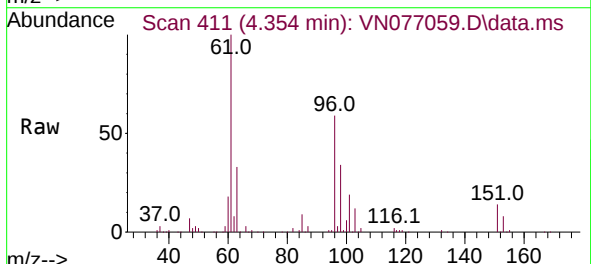
Manual Integrations
APPROVED

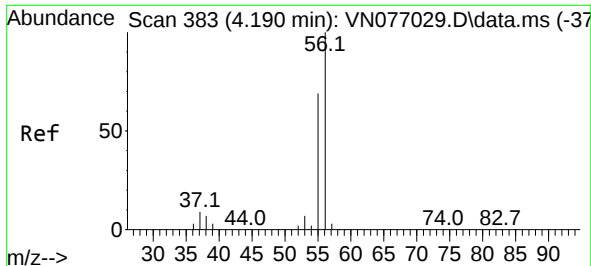
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#12
1,1-Dichloroethene
Concen: 47.960 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

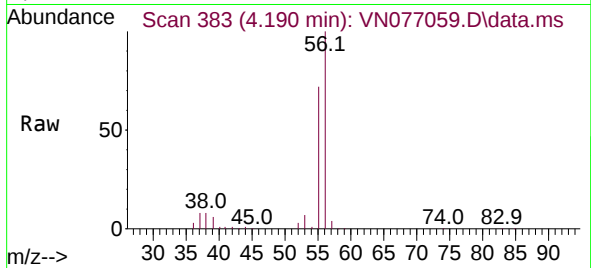
Tgt Ion: 96 Resp: 214772
Ion Ratio Lower Upper
96 100
61 170.5 133.8 200.8
98 58.5 48.6 72.8





#13
Acrolein
Concen: 247.729 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

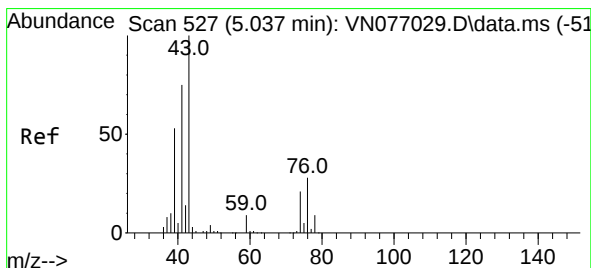
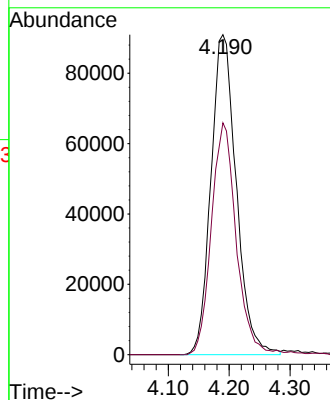
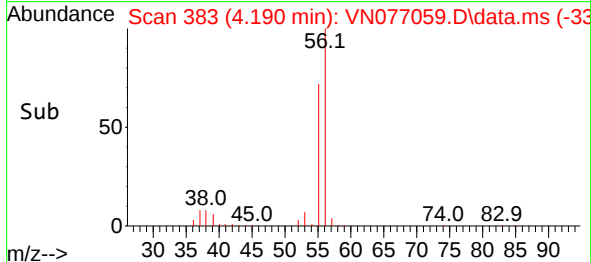
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 263058
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.6

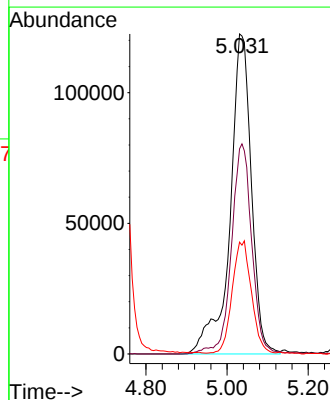
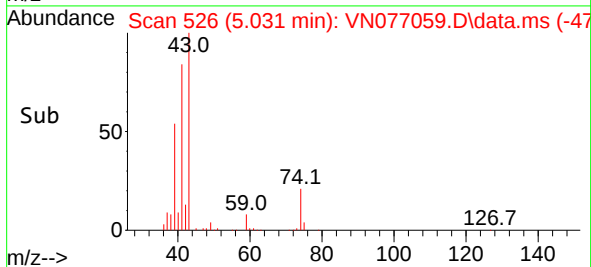
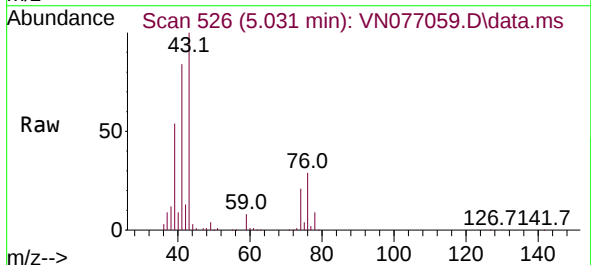
Manual Integrations
APPROVED

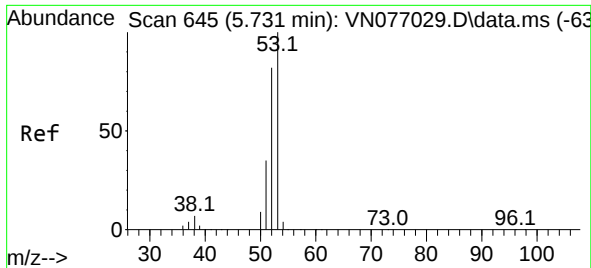
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#14
Allyl chloride
Concen: 54.528 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

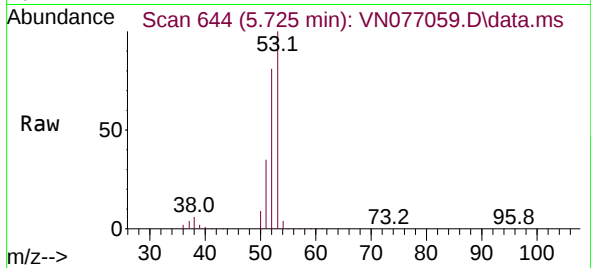
Tgt Ion: 41 Resp: 447029
Ion Ratio Lower Upper
41 100
39 62.4 53.8 80.8
76 31.4 26.7 40.1





#15
Acrylonitrile
Concen: 248.144 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

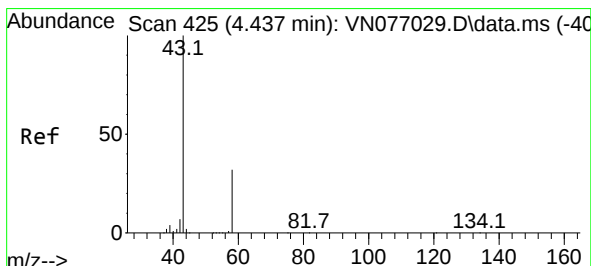
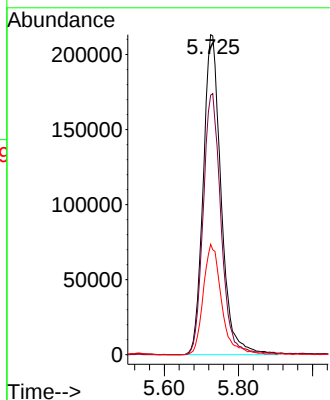
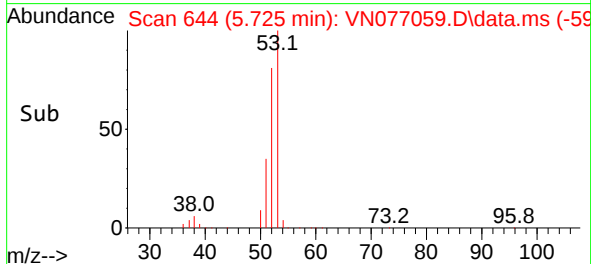
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 716193
Ion Ratio Lower Upper
53 100
52 81.6 64.6 97.0
51 35.3 28.3 42.5

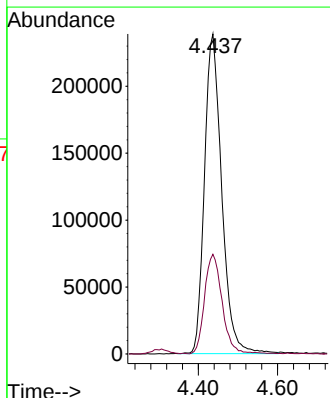
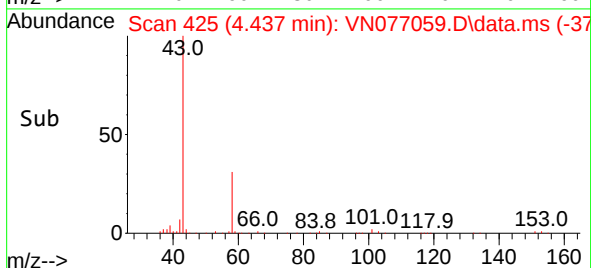
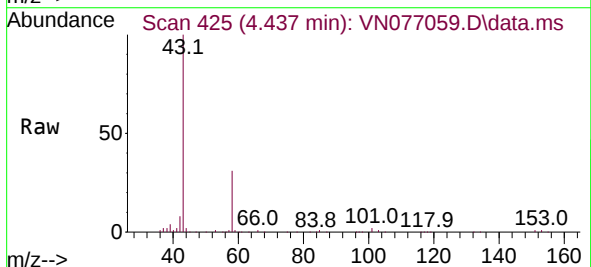
Manual Integrations
APPROVED

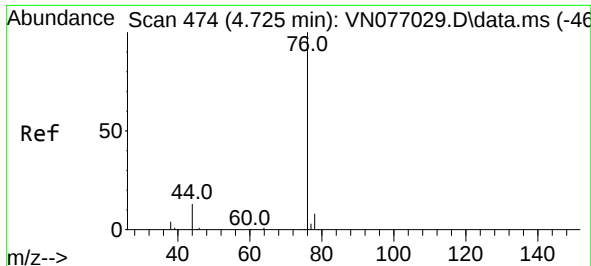
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#16
Acetone
Concen: 275.163 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

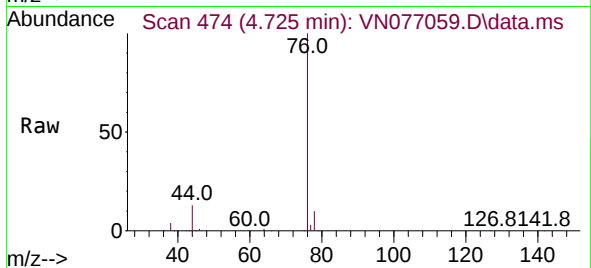
Tgt Ion: 43 Resp: 722364
Ion Ratio Lower Upper
43 100
58 31.0 25.4 38.0





#17
Carbon Disulfide
Concen: 45.240 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

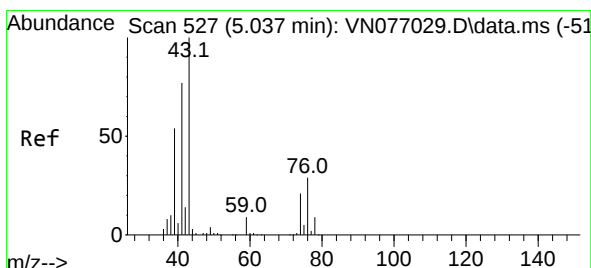
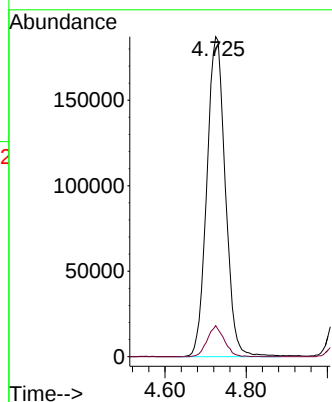
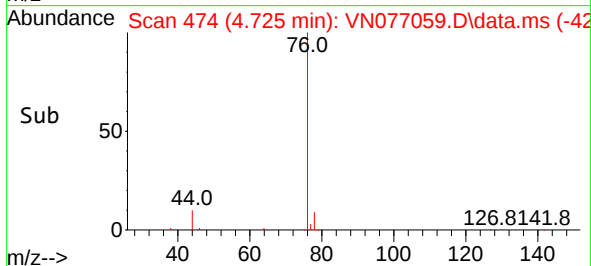
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



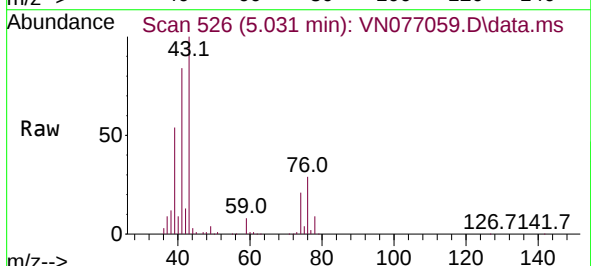
Tgt Ion: 76 Resp: 590720
Ion Ratio Lower Upper
76 100
78 9.7 6.6 10.0

Manual Integrations
APPROVED

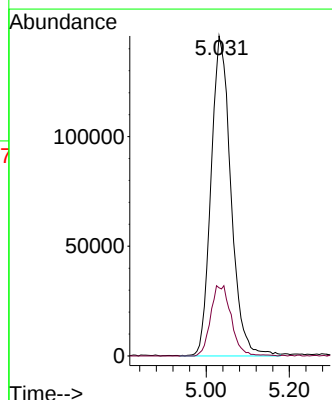
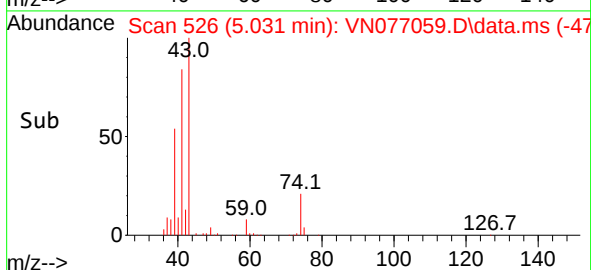
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

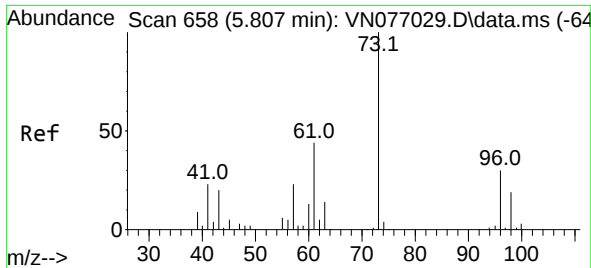


#18
Methyl Acetate
Concen: 48.915 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion: 43 Resp: 484233
Ion Ratio Lower Upper
43 100
74 22.8 17.7 26.5





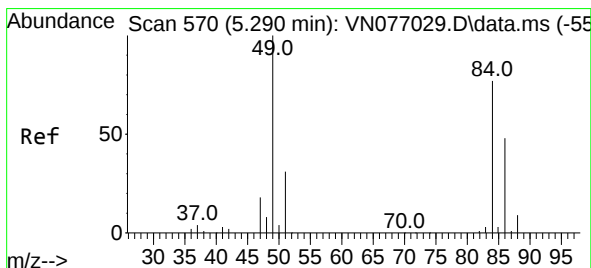
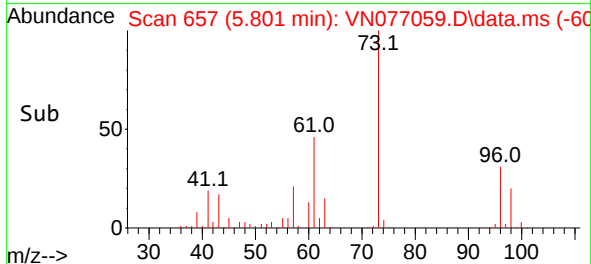
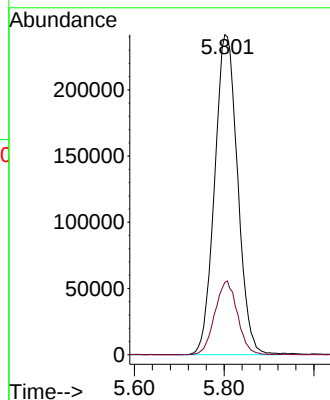
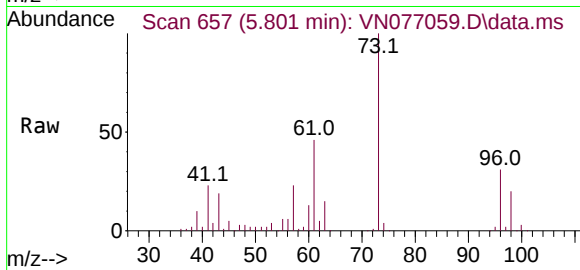
#19
Methyl tert-butyl Ether
Concen: 53.609 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 86160
Ion Ratio Lower Upper
73 100
57 22.6 18.7 28.1

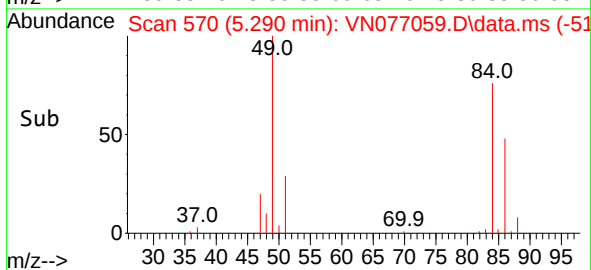
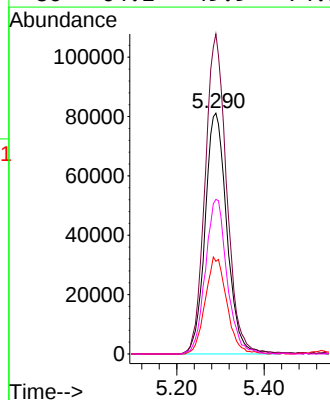
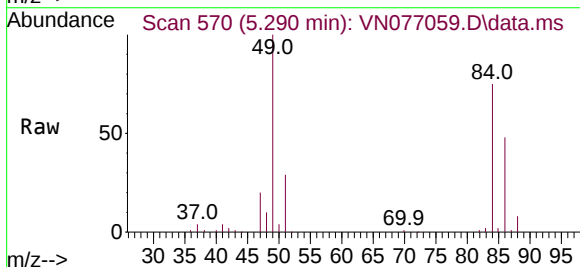
Manual Integrations
APPROVED

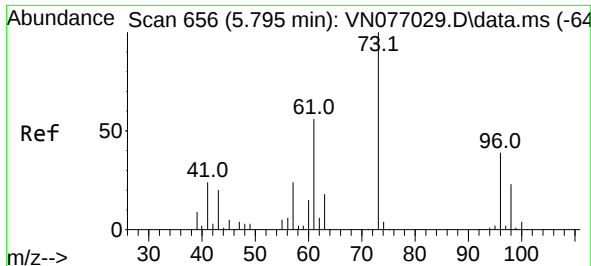
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#20
Methylene Chloride
Concen: 49.384 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Tgt Ion: 84 Resp: 281367
Ion Ratio Lower Upper
84 100
49 132.9 103.8 155.6
51 38.5 32.3 48.5
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.369 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 23962

Ion Ratio Lower Upper

96 100

61 147.4 115.8 173.6

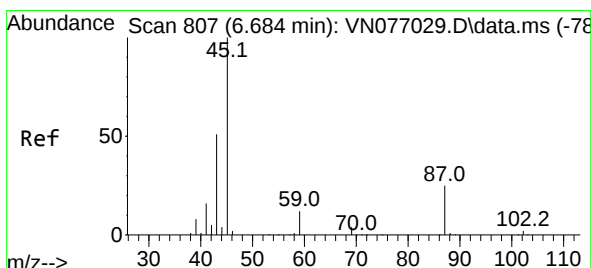
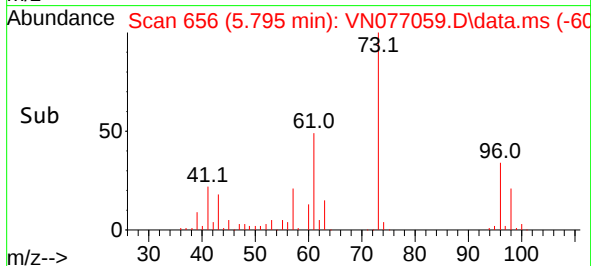
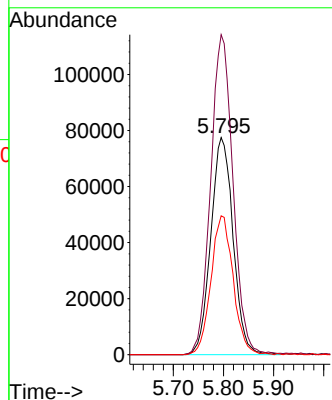
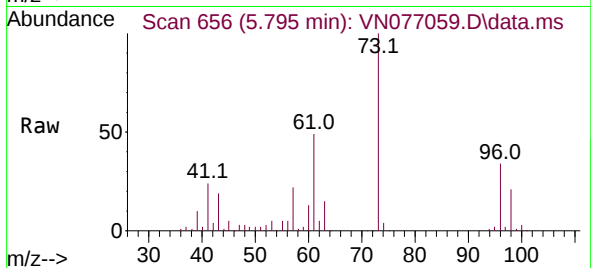
98 64.0 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#22

Diisopropyl ether

Concen: 52.892 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Tgt Ion: 45 Resp: 950046

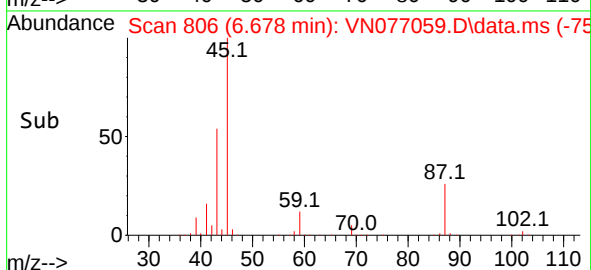
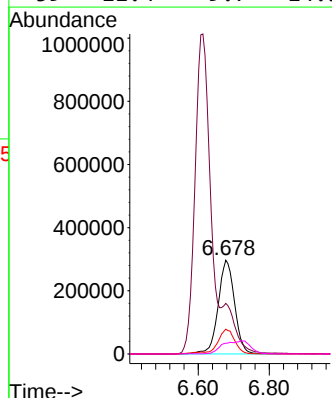
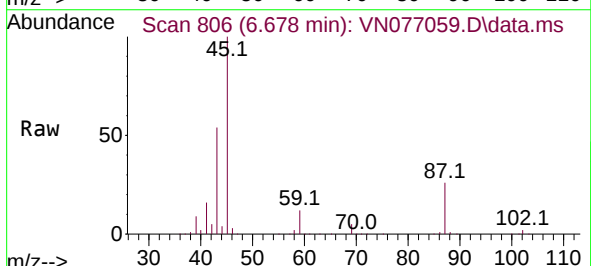
Ion Ratio Lower Upper

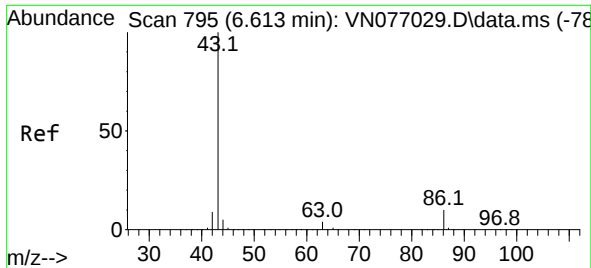
45 100

43 53.1 41.5 62.3

87 26.4 20.6 30.8

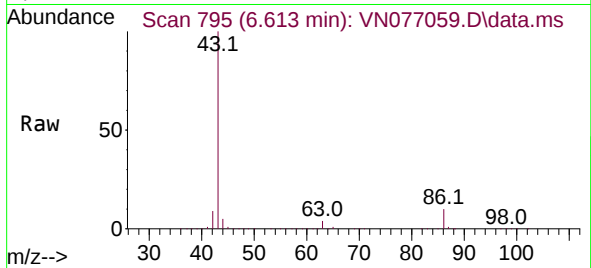
59 11.4 9.7 14.5





#23
 Vinyl Acetate
 Concen: 268.738 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077059.D
 Acq: 20 Mar 2023 10:28

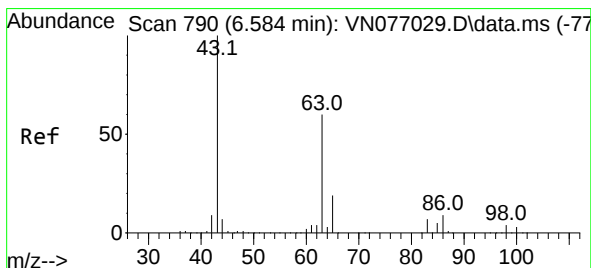
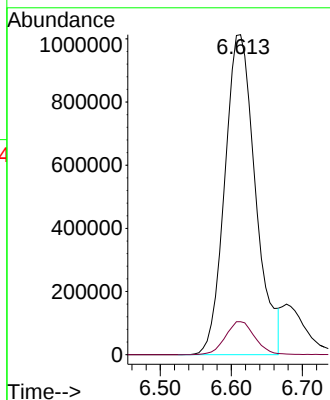
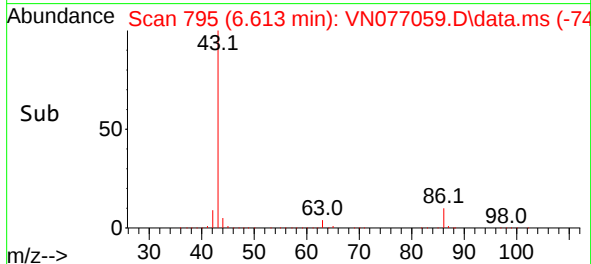
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



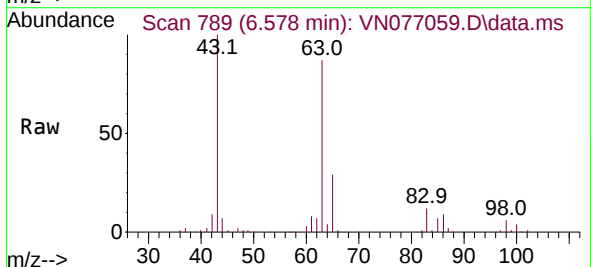
Tgt Ion: 43 Resp: 304606
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0

Manual Integrations
 APPROVED

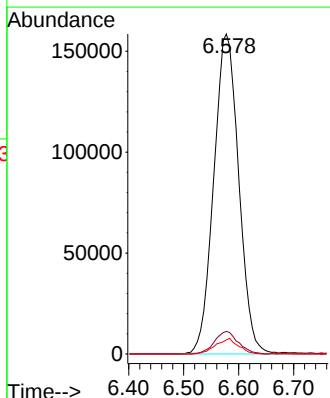
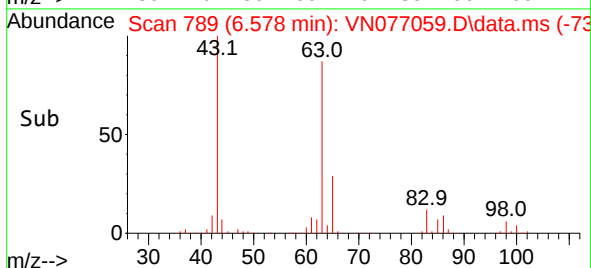
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

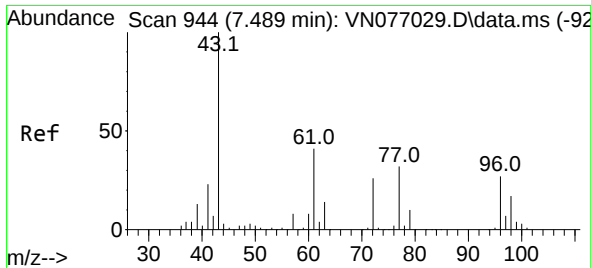


#24
 1,1-Dichloroethane
 Concen: 48.706 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077059.D
 Acq: 20 Mar 2023 10:28



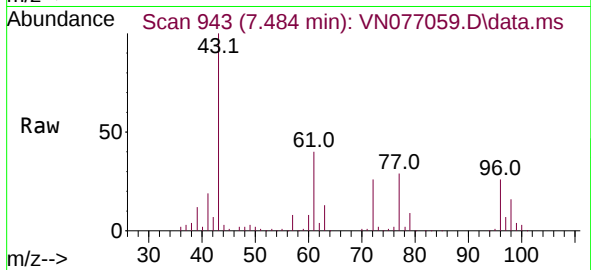
Tgt Ion: 63 Resp: 500622
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 249.452 ug/l
RT: 7.484 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

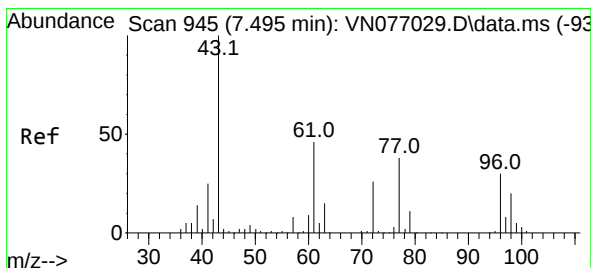
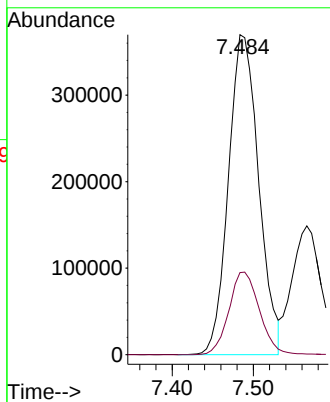
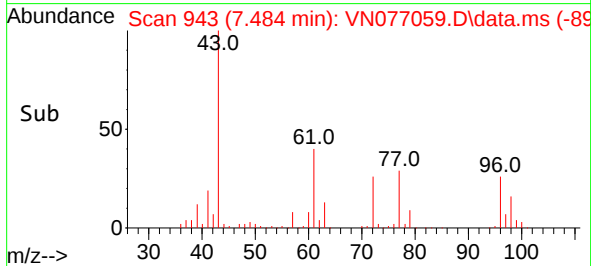
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 95797
Ion Ratio Lower Upper
43 100
72 25.6 20.7 31.1

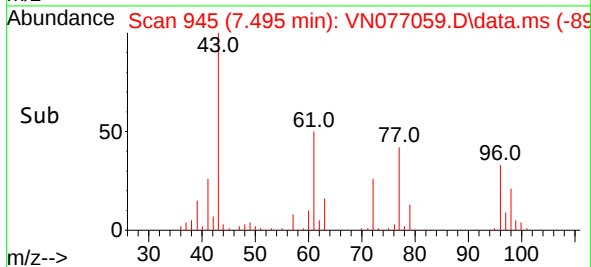
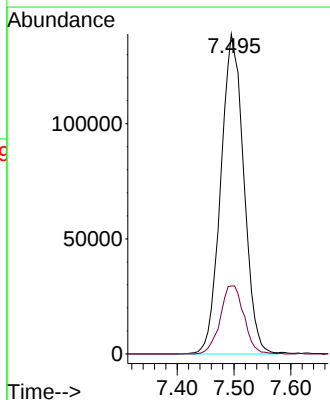
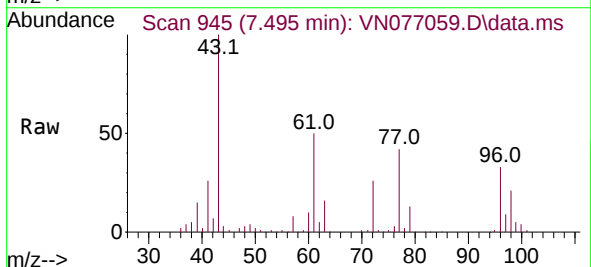
Manual Integrations
APPROVED

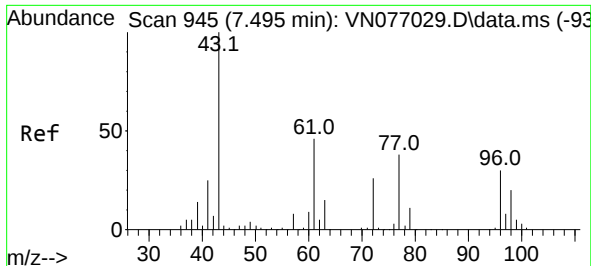
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#26
2,2-Dichloropropane
Concen: 50.585 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

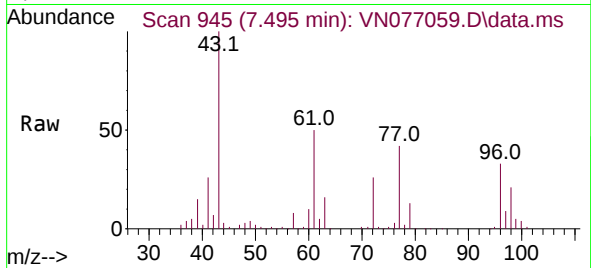
Tgt Ion: 77 Resp: 391210
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 52.680 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077059.D
 Acq: 20 Mar 2023 10:28

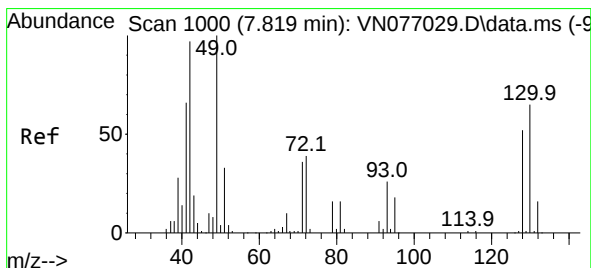
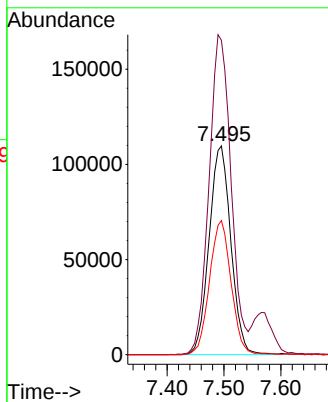
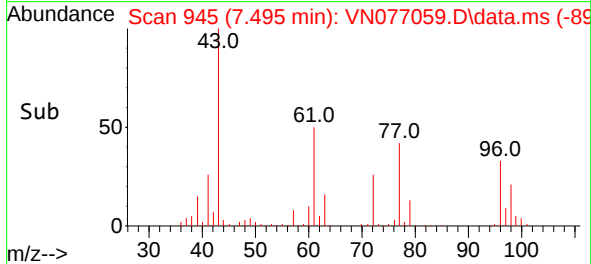
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 292848
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 315.4
 98 63.5 0.0 128.6

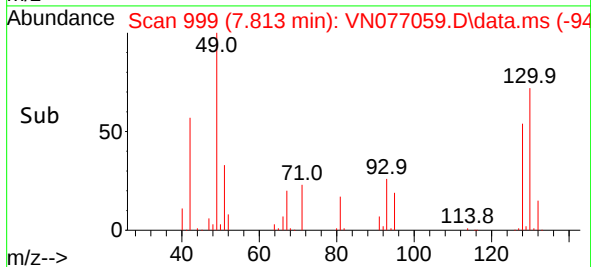
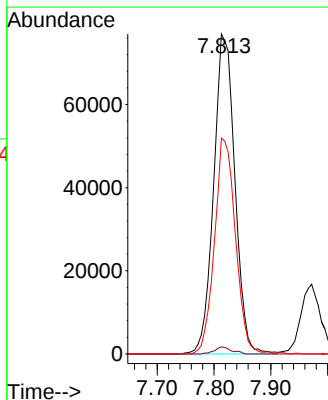
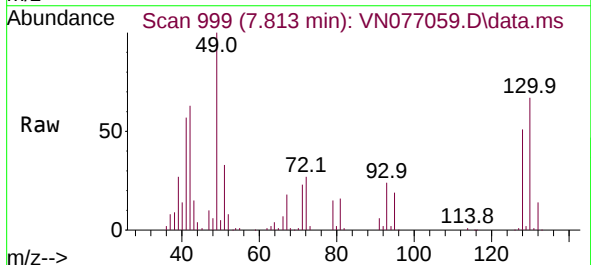
Manual Integrations
 APPROVED

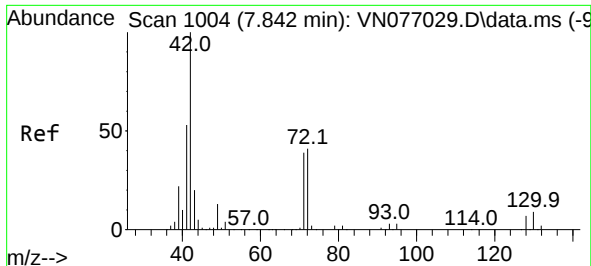
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#28
 Bromochloromethane
 Concen: 44.782 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077059.D
 Acq: 20 Mar 2023 10:28

Tgt Ion: 49 Resp: 199892
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 66.5 51.9 77.9





#29

Tetrahydrofuran

Concen: 248.346 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 61802

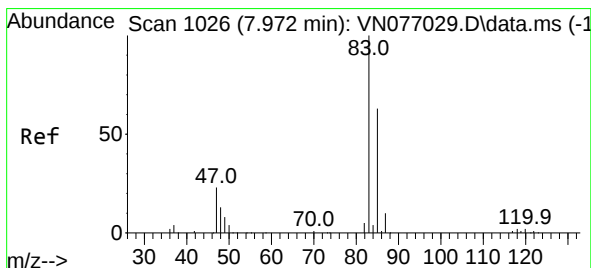
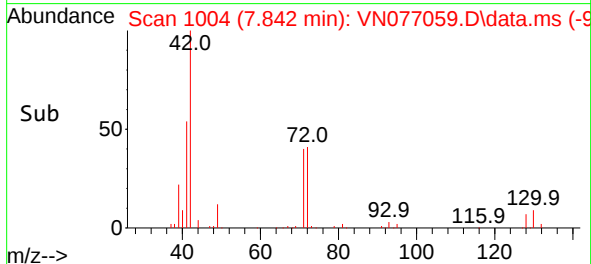
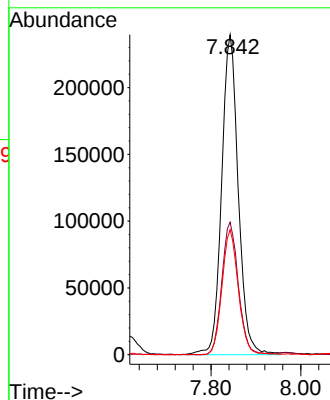
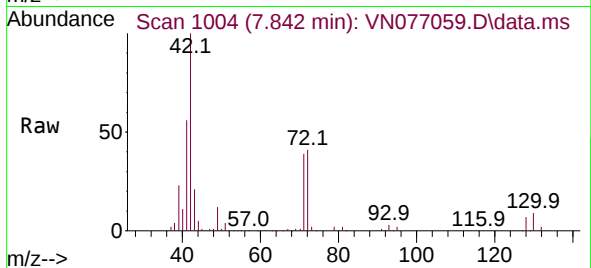
Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.2	49.8
71	38.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#30

Chloroform

Concen: 49.911 ug/l

RT: 7.972 min Scan# 1026

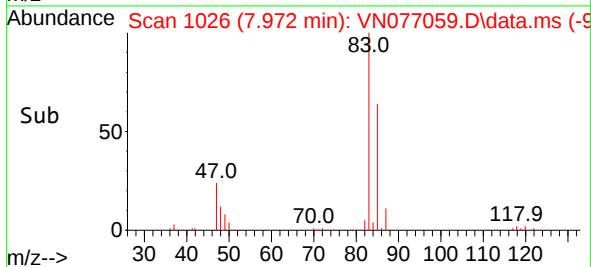
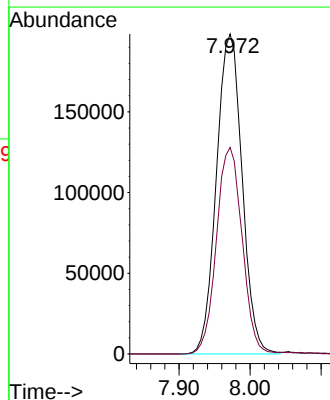
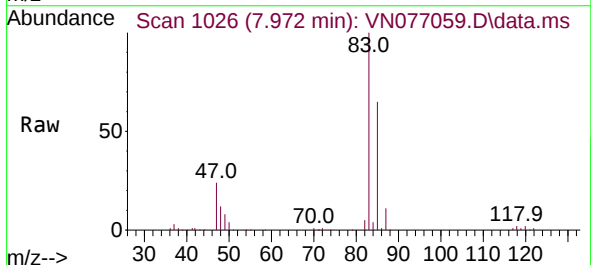
Delta R.T. -0.000 min

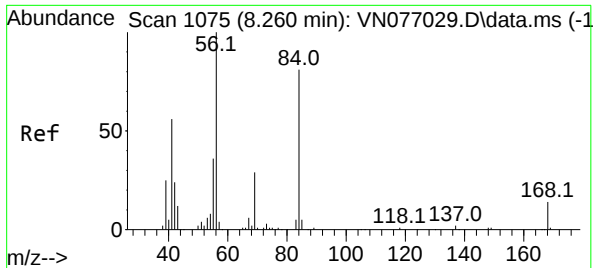
Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Tgt Ion: 83 Resp: 497918

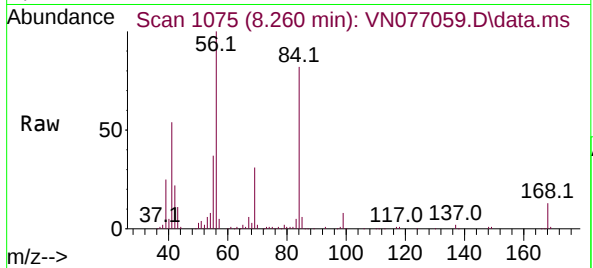
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.6	75.8





#31
Cyclohexane
Concen: 44.165 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

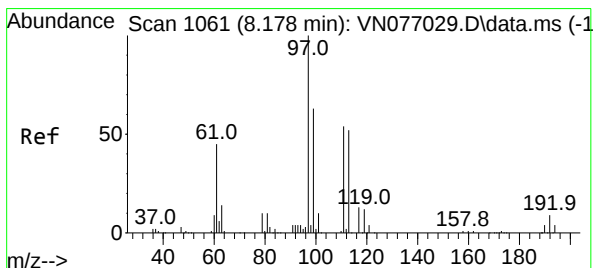
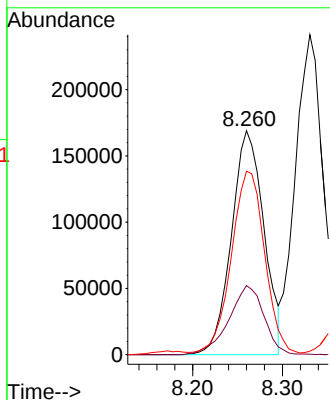
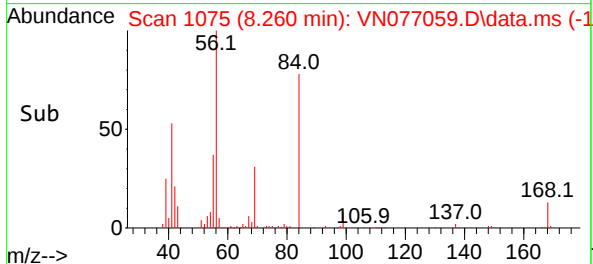
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



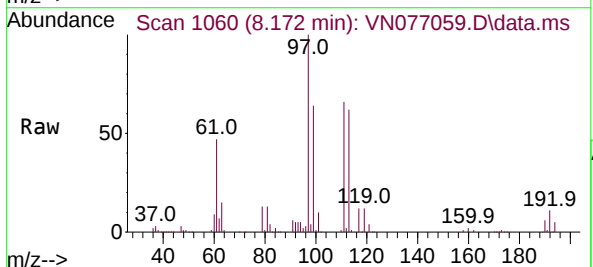
Tgt Ion: 56 Resp: 42574
Ion Ratio Lower Upper
56 100
69 30.9 22.8 34.2
84 80.4 64.7 97.1

Manual Integrations
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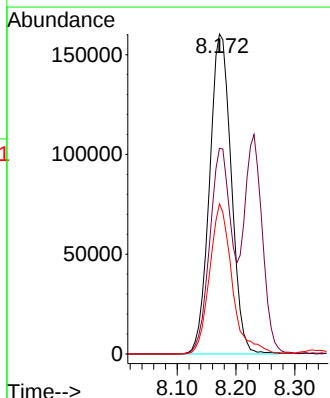
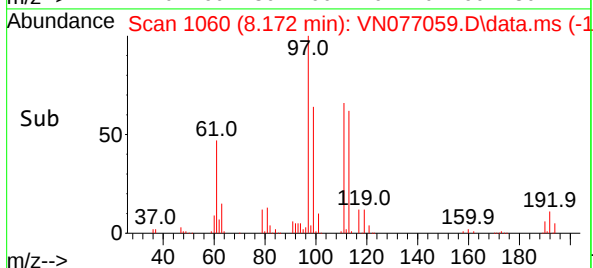
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

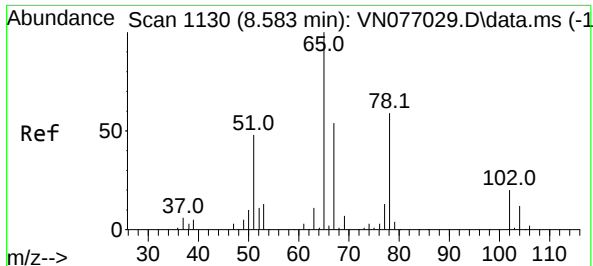


#32
1,1,1-Trichloroethane
Concen: 48.325 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion: 97 Resp: 412040
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.2
61 48.8 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 53.452 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 31492

Ion Ratio Lower Upper

65 100

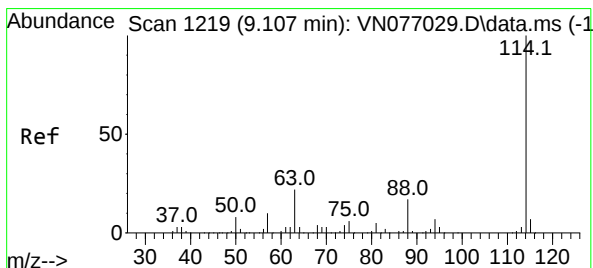
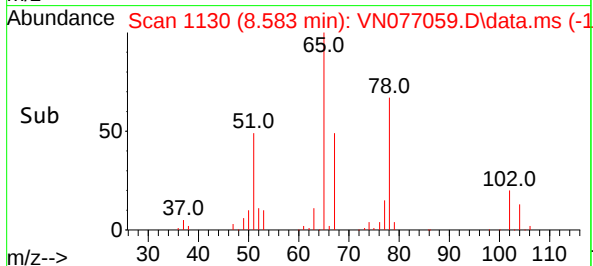
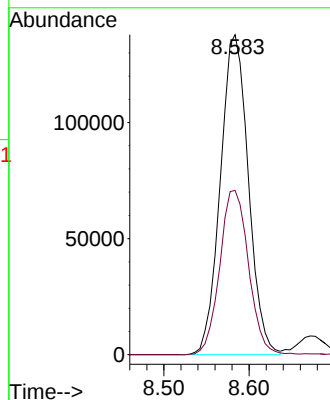
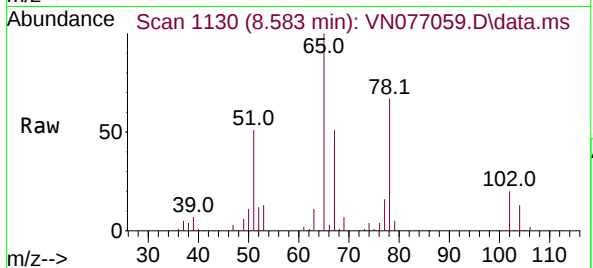
67 52.8 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

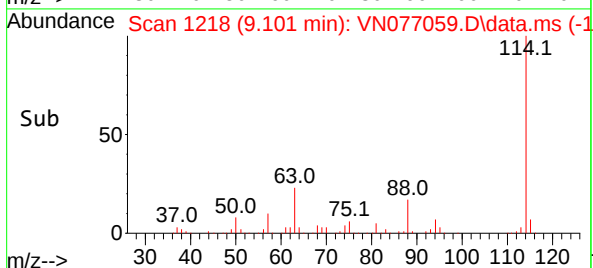
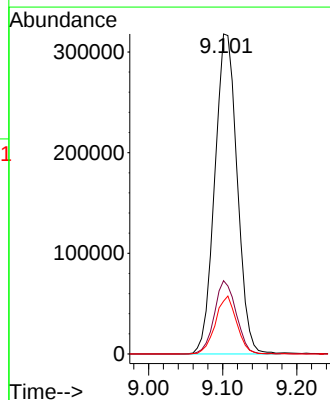
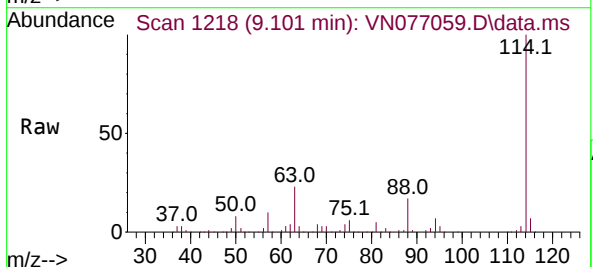
Tgt Ion:114 Resp: 667318

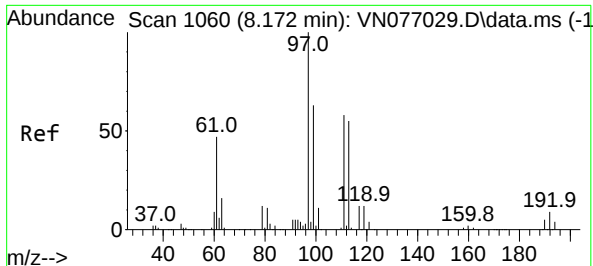
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.962 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

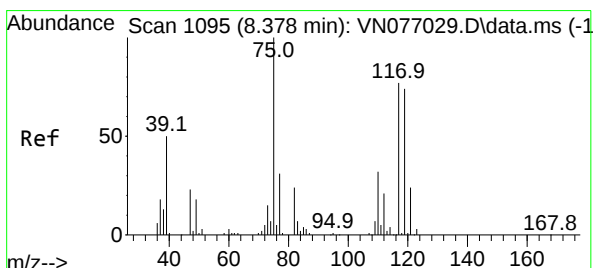
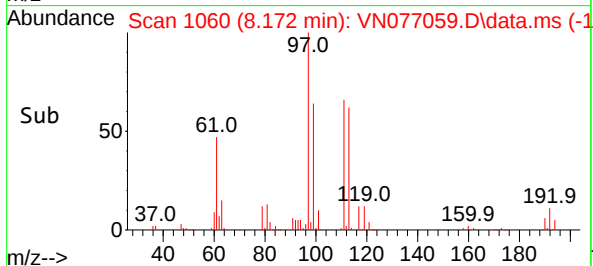
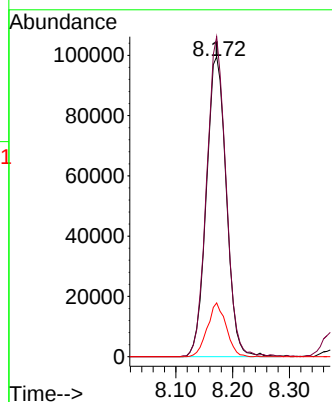
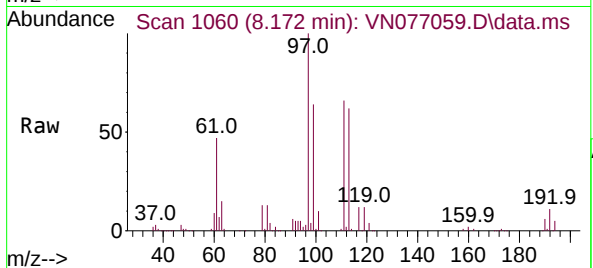
Tgt Ion:	113	Resp:	242834
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	16.9	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#36

1,1-Dichloropropene

Concen: 48.661 ug/l

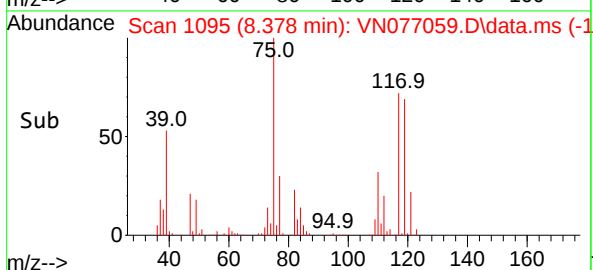
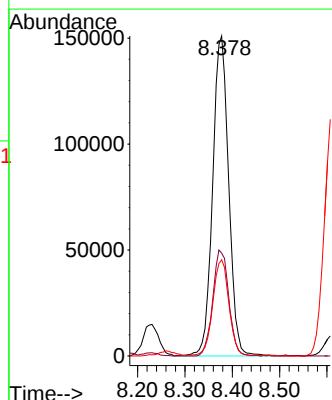
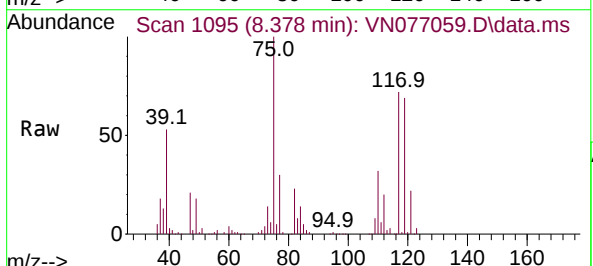
RT: 8.378 min Scan# 1095

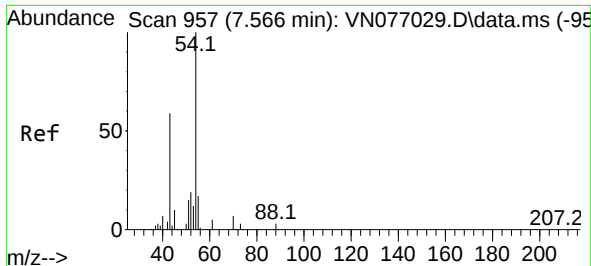
Delta R.T. -0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

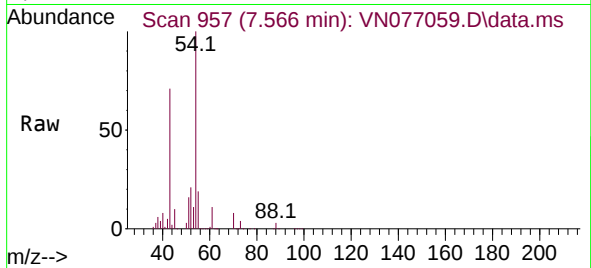
Tgt Ion:	75	Resp:	355190
Ion	Ratio	Lower	Upper
75	100		
110	33.1	15.9	47.7
77	30.4	24.3	36.5





#37
Ethyl Acetate
Concen: 48.931 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

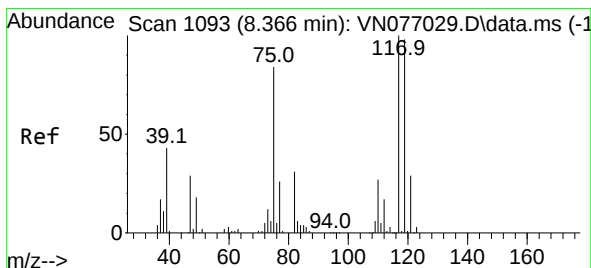
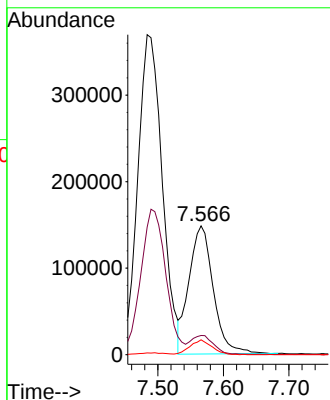
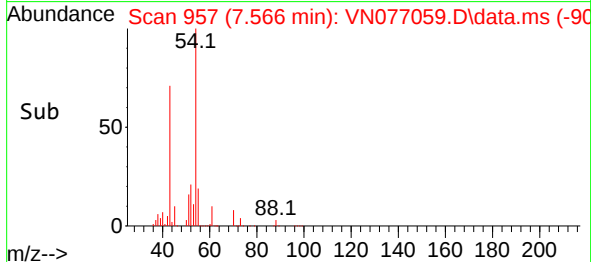
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38213
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 10.4 8.4 12.6

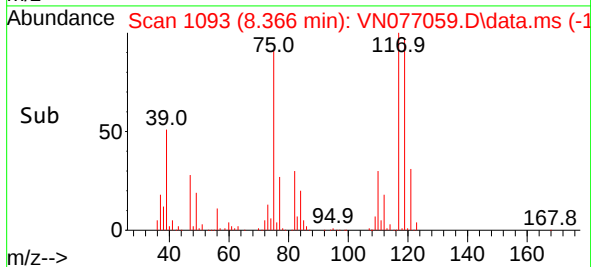
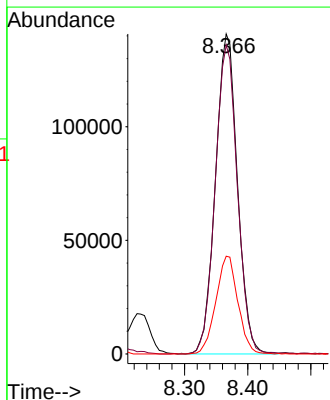
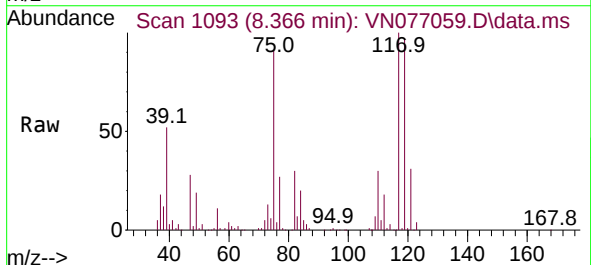
Manual Integrations
APPROVED

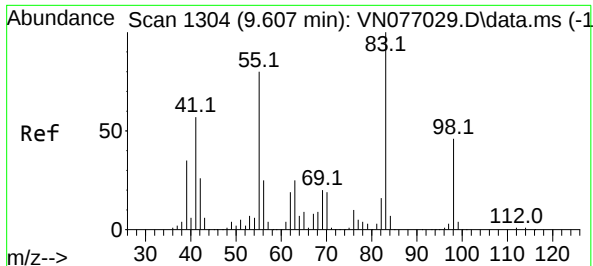
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#38
Carbon Tetrachloride
Concen: 48.008 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Tgt Ion:117 Resp: 341328
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.2
121 30.5 23.2 34.8





#39

Methylcyclohexane

Concen: 50.047 ug/l

RT: 9.601 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 42759

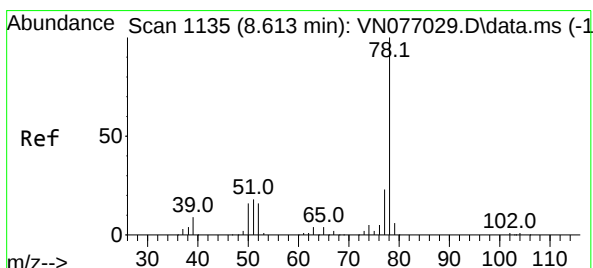
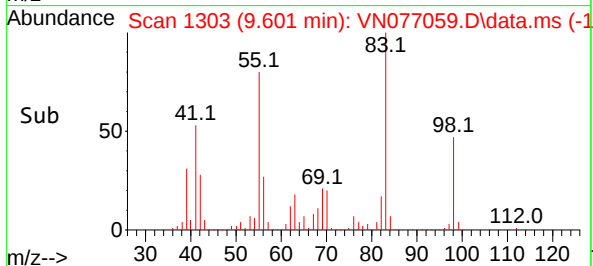
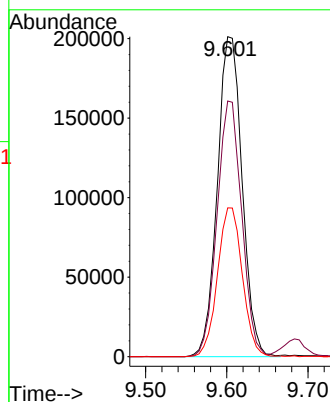
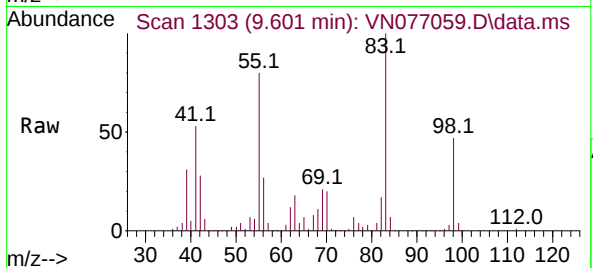
Ion	Ratio	Lower	Upper
83	100		
55	79.9	63.8	95.8
98	46.5	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#40

Benzene

Concen: 49.846 ug/l

RT: 8.607 min Scan# 1134

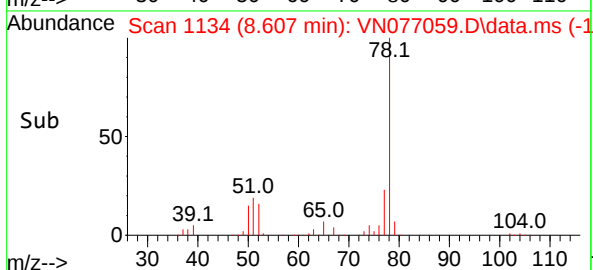
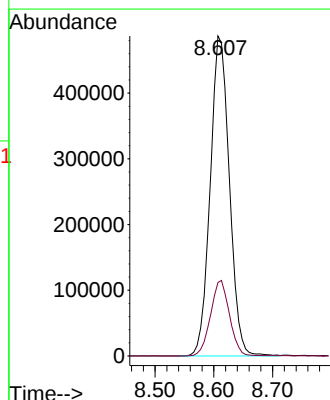
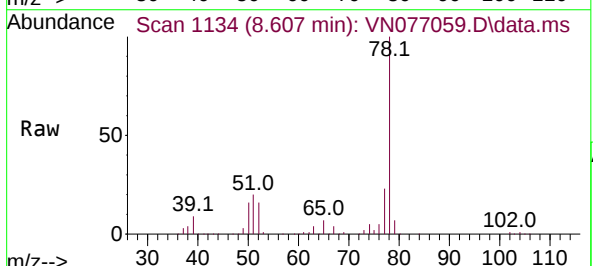
Delta R.T. -0.006 min

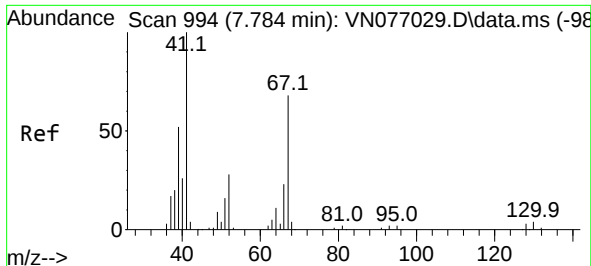
Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Tgt Ion: 78 Resp: 1103448

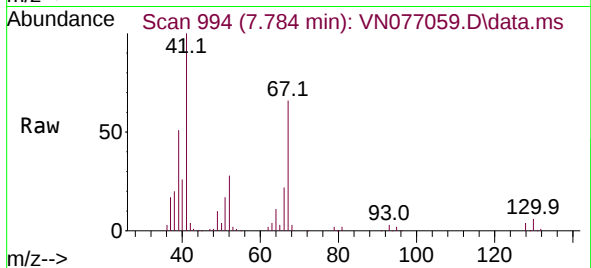
Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.5	27.7





#41
Methacrylonitrile
Concen: 50.484 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

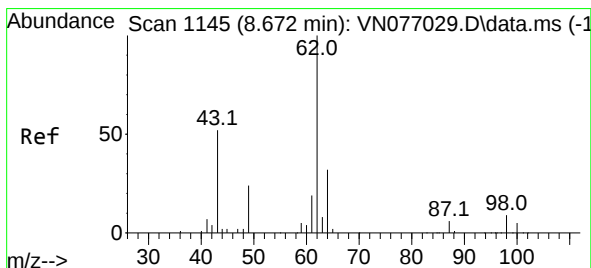
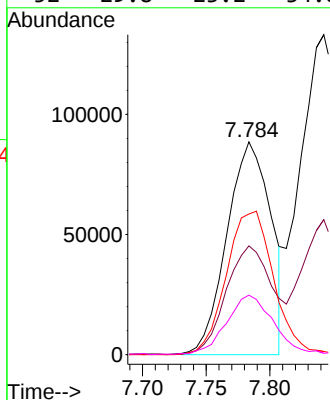
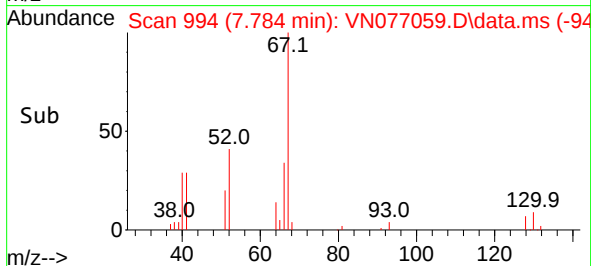
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



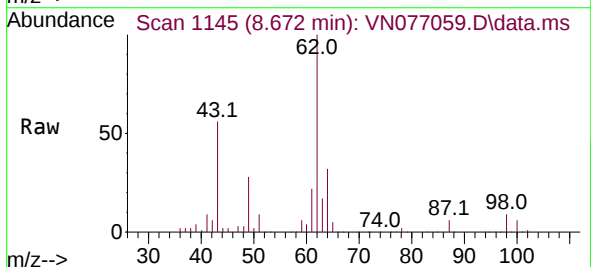
Tgt Ion: 41 Resp: 212397
Ion Ratio Lower Upper
41 100
39 55.1 41.6 62.4
67 73.1 53.8 80.8
52 29.8 23.2 34.8

Manual Integrations
APPROVED

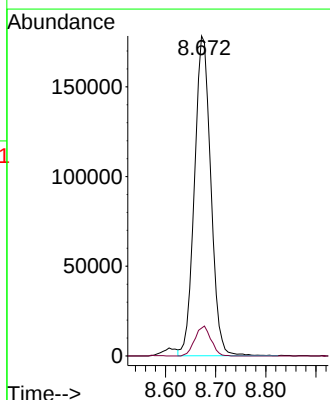
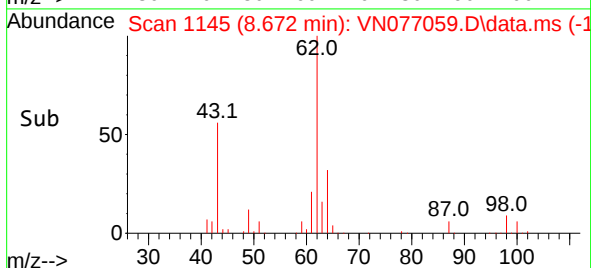
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

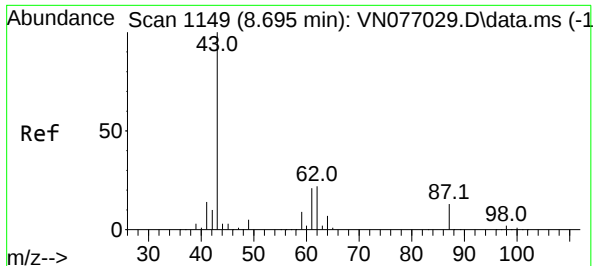


#42
1,2-Dichloroethane
Concen: 50.389 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion: 62 Resp: 403077
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.4





#43

Isopropyl Acetate

Concen: 51.057 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 62289

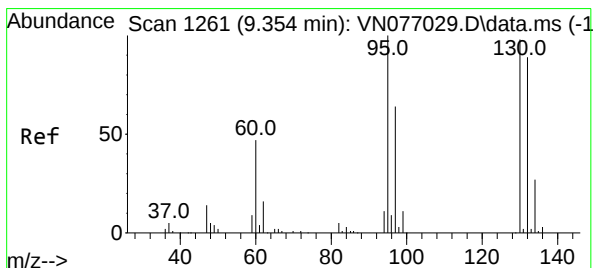
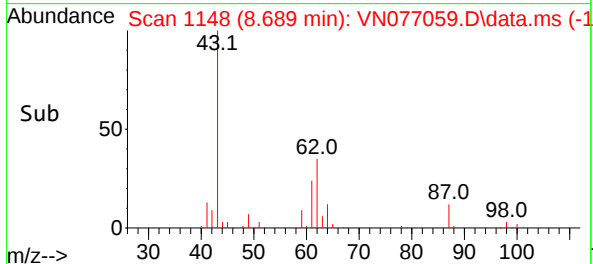
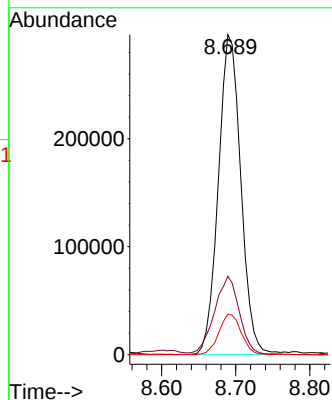
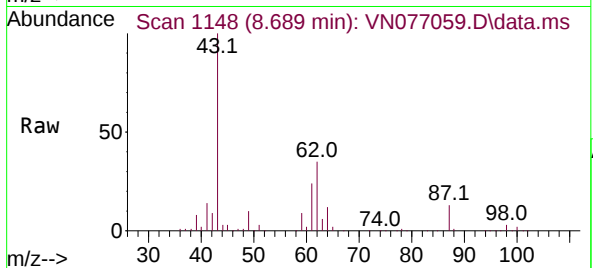
Ion	Ratio	Lower	Upper
43	100		
61	27.4	20.6	30.8
87	12.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#44

Trichloroethene

Concen: 47.749 ug/l

RT: 9.354 min Scan# 1261

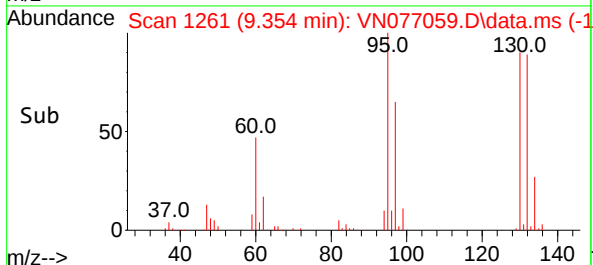
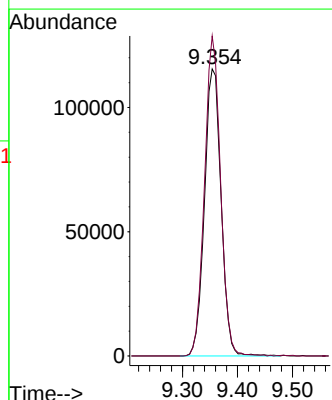
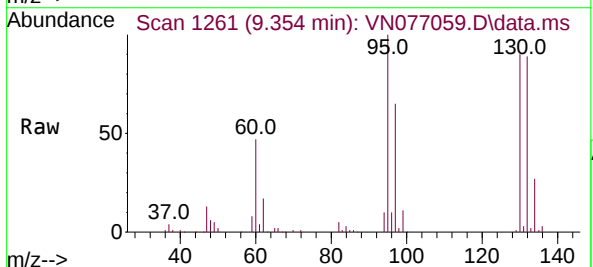
Delta R.T. -0.000 min

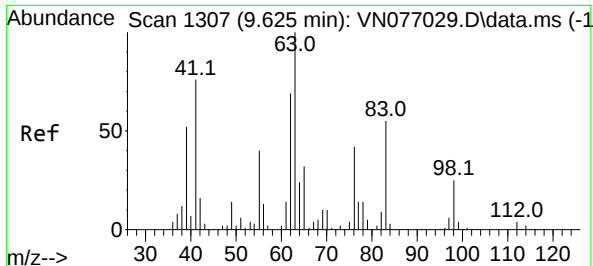
Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Tgt Ion:130 Resp: 242795

Ion	Ratio	Lower	Upper
130	100		
95	111.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 52.075 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 306172

Ion Ratio Lower Upper

63 100

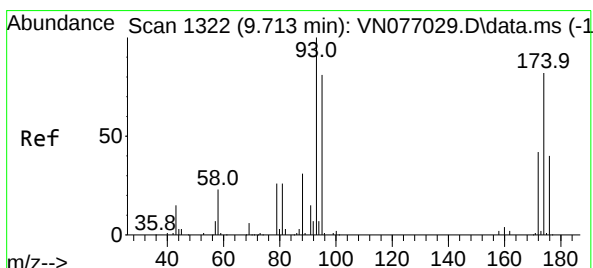
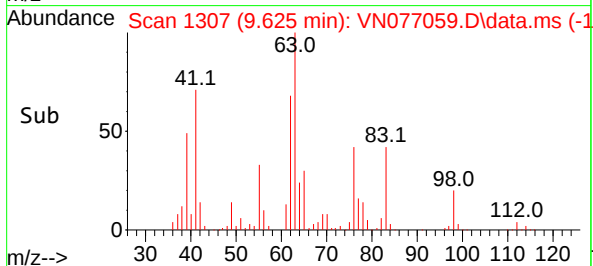
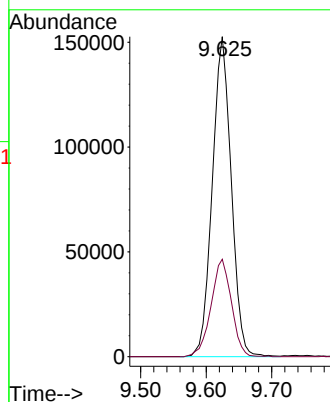
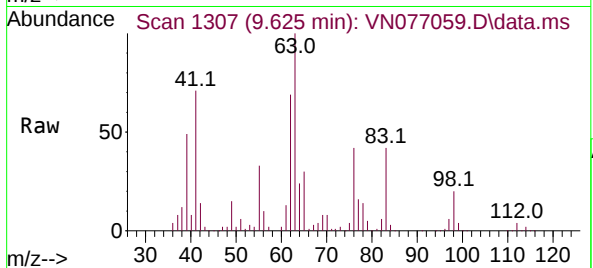
65 30.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#46

Dibromomethane

Concen: 51.012 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

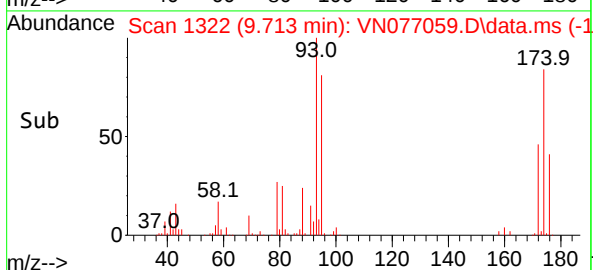
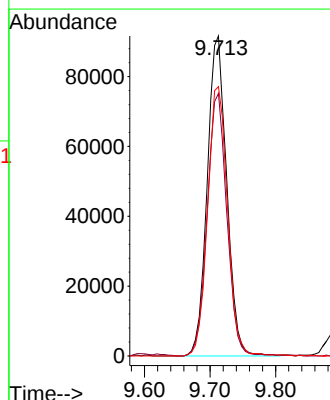
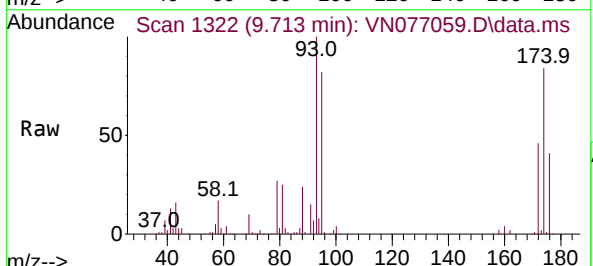
Tgt Ion: 93 Resp: 189156

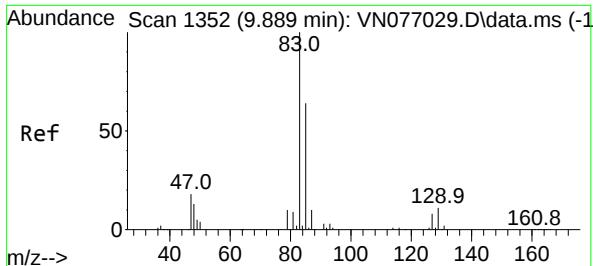
Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

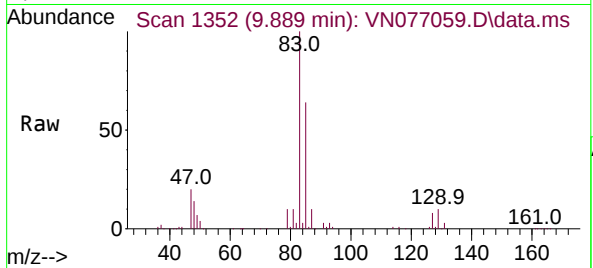
174 85.7 66.4 99.6





#47
Bromodichloromethane
Concen: 51.292 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

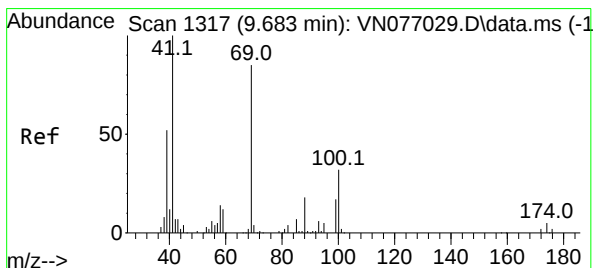
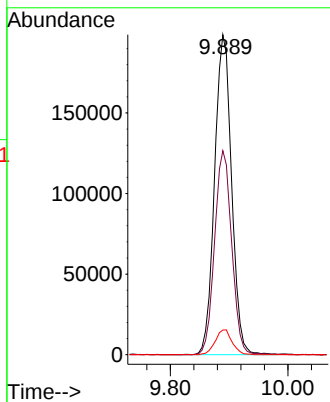
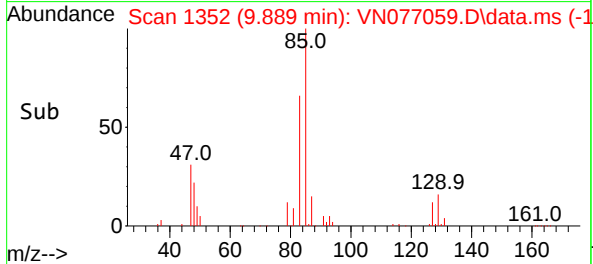
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 398900
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 7.7 6.1 9.1

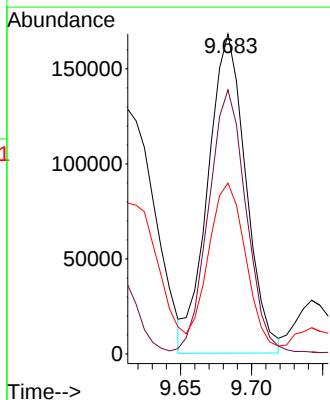
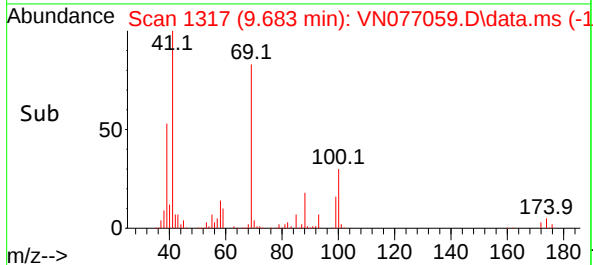
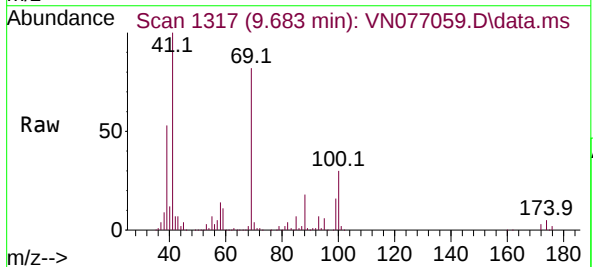
Manual Integrations
APPROVED

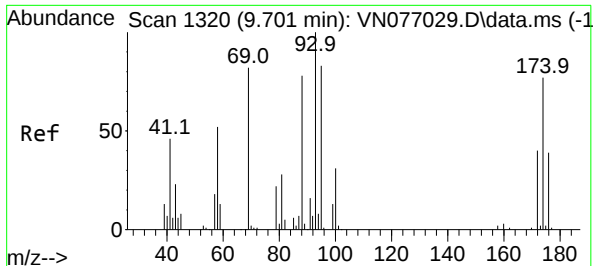
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#48
Methyl methacrylate
Concen: 53.536 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Tgt Ion: 41 Resp: 312247
Ion Ratio Lower Upper
41 100
69 82.4 64.3 96.5
39 53.8 43.2 64.8





#49

1,4-Dioxane

Concen: 993.219 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 9894

Ion Ratio Lower Upper

88 100

43 28.4 22.2 33.2

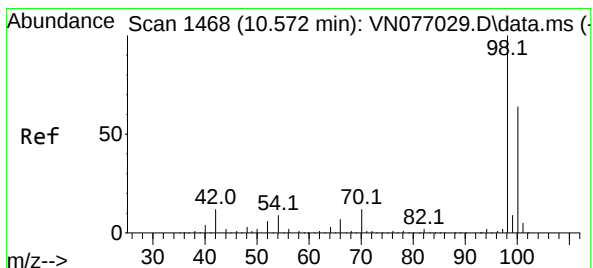
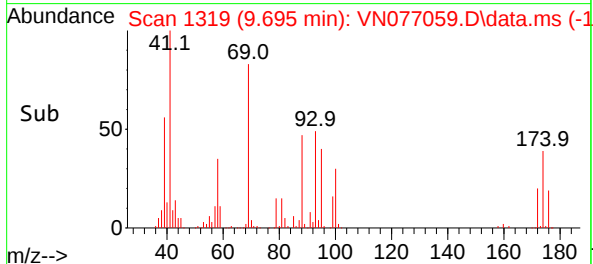
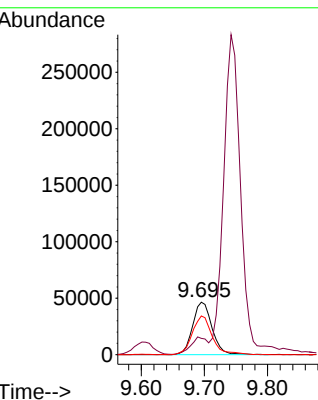
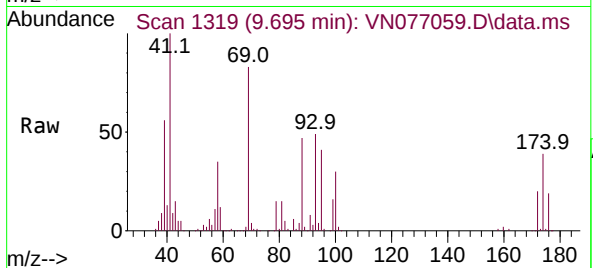
58 76.2 60.8 91.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#50

Toluene-d8

Concen: 53.156 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077059.D

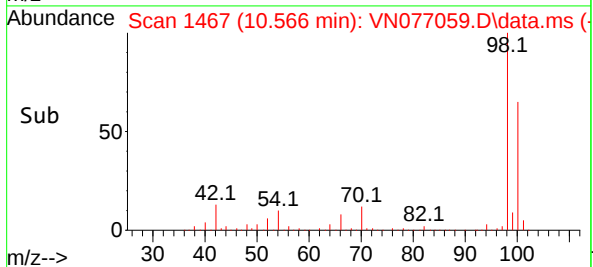
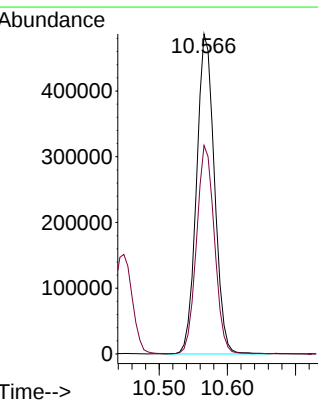
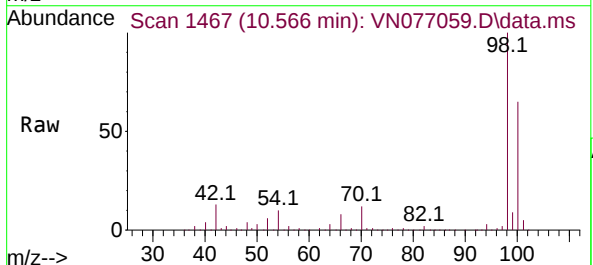
Acq: 20 Mar 2023 10:28

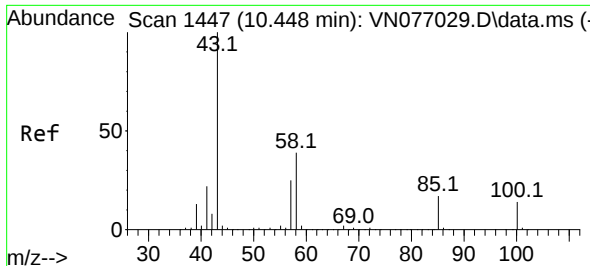
Tgt Ion: 98 Resp: 887375

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4





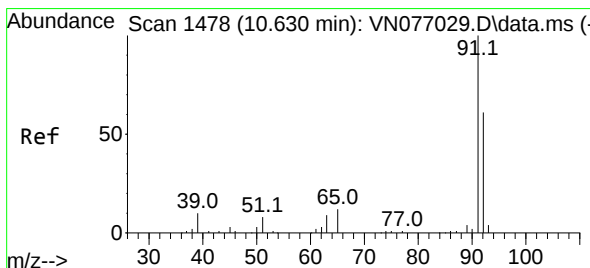
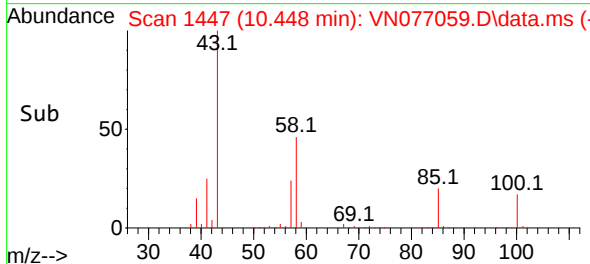
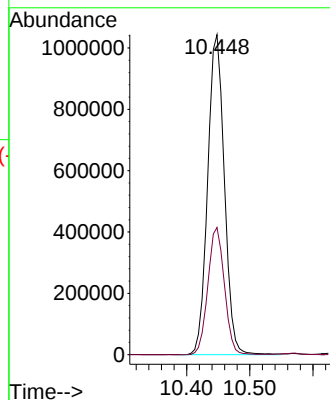
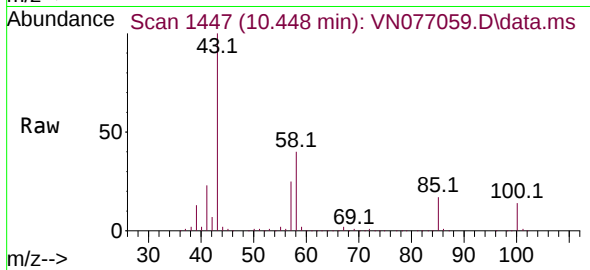
#51
4-Methyl-2-Pentanone
Concen: 251.738 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1912529
Ion Ratio Lower Upper
43 100
58 39.4 31.1 46.7

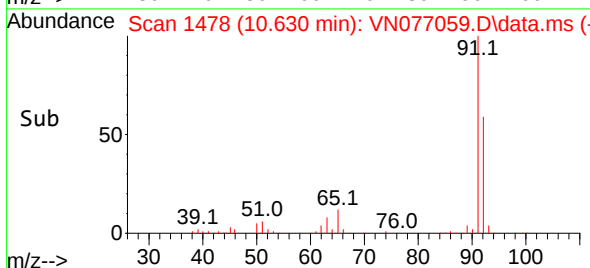
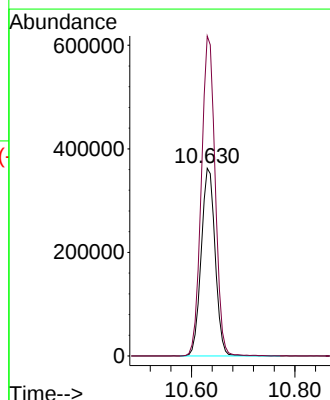
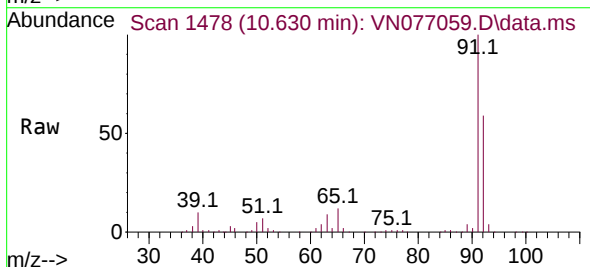
Manual Integrations
APPROVED

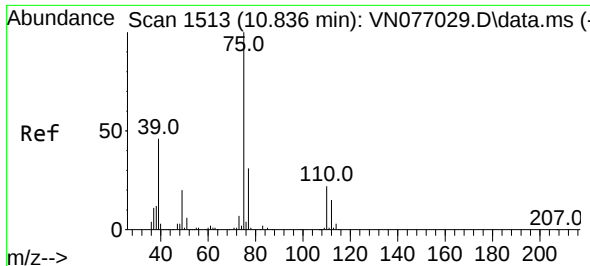
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#52
Toluene
Concen: 51.382 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

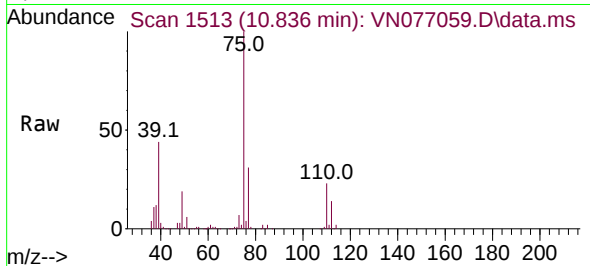
Tgt Ion: 92 Resp: 679134
Ion Ratio Lower Upper
92 100
91 169.1 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 57.031 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

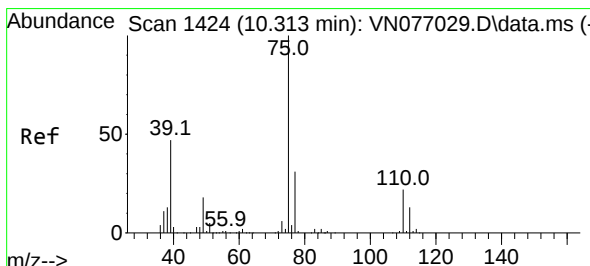
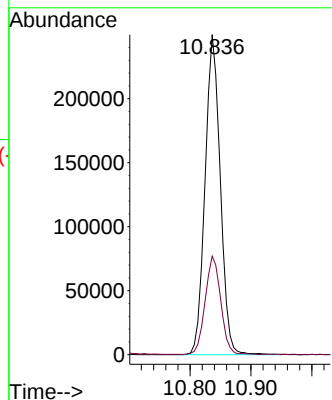
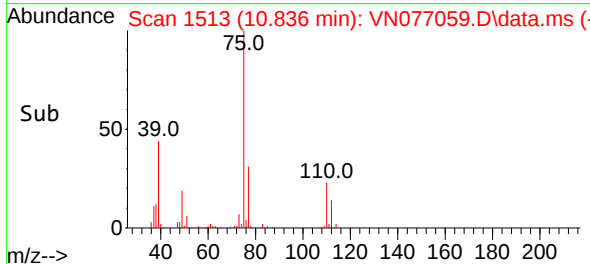
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



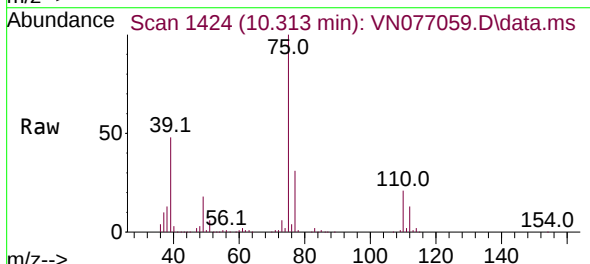
Tgt Ion: 75 Resp: 434709
Ion Ratio Lower Upper
75 100
77 30.7 25.1 37.7

Manual Integrations
APPROVED

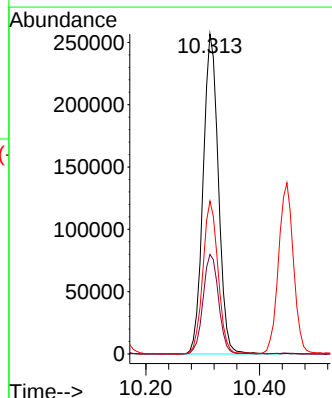
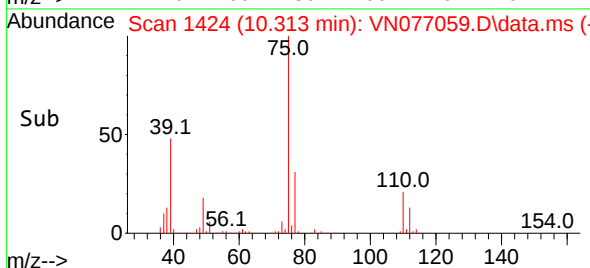
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

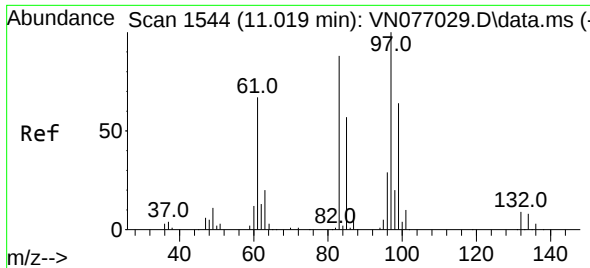


#54
cis-1,3-Dichloropropene
Concen: 55.480 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



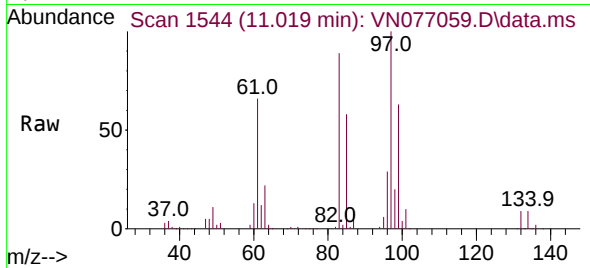
Tgt Ion: 75 Resp: 477129
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7
39 47.8 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 52.207 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

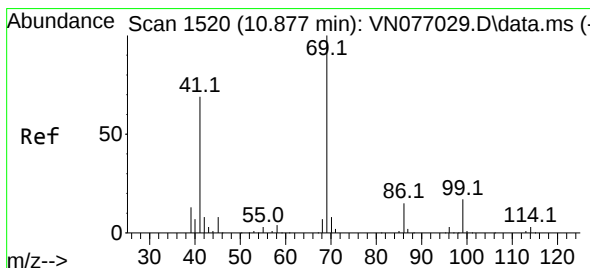
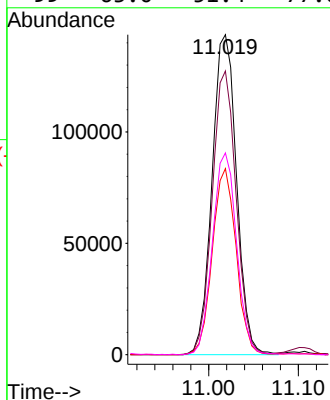
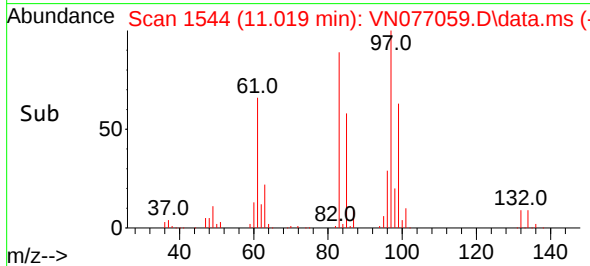
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



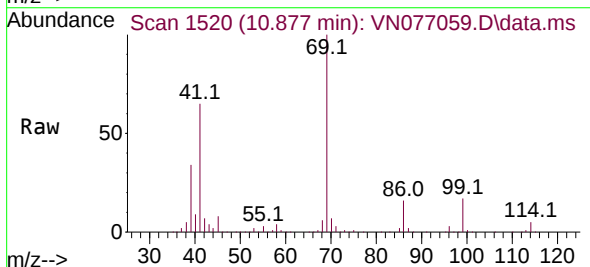
Tgt Ion: 97 Resp: 272107
Ion Ratio Lower Upper
97 100
83 88.6 70.5 105.7
85 58.1 45.4 68.2
99 63.0 51.4 77.0

Manual Integrations
APPROVED

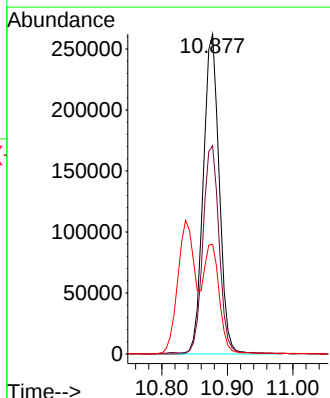
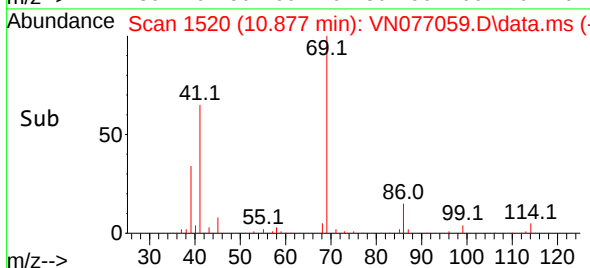
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

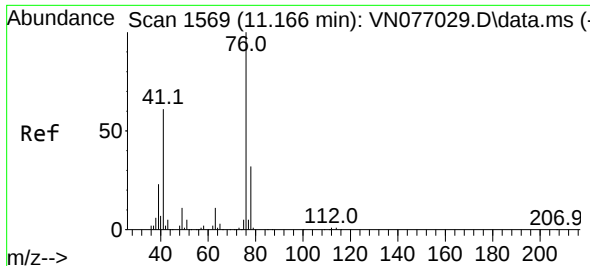


#56
Ethyl methacrylate
Concen: 56.593 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion: 69 Resp: 443551
Ion Ratio Lower Upper
69 100
41 65.8 54.9 82.3
39 31.3 26.6 40.0





#57

1,3-Dichloropropane

Concen: 51.061 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 48724

Ion Ratio Lower Upper

76 100

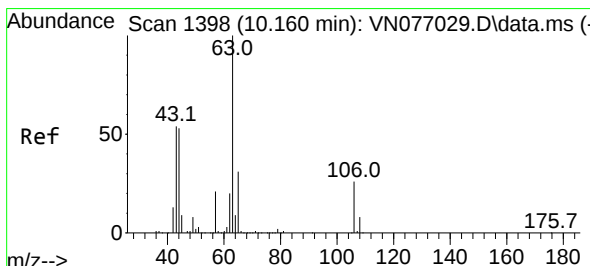
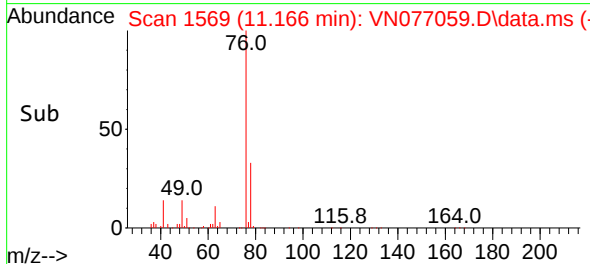
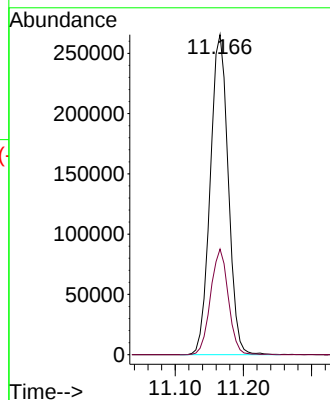
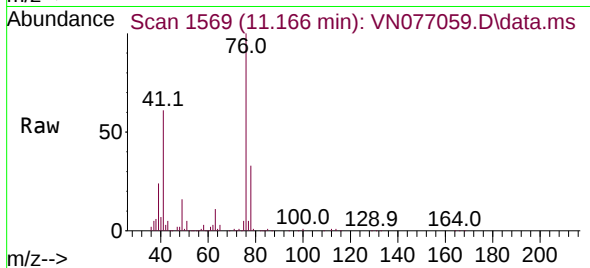
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.799 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077059.D

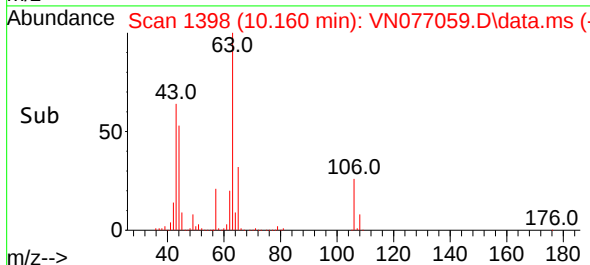
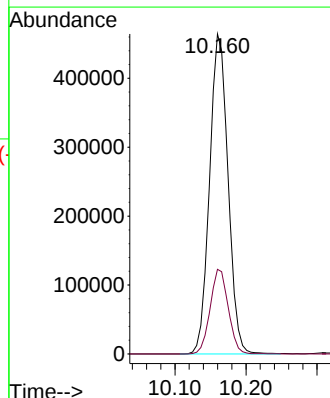
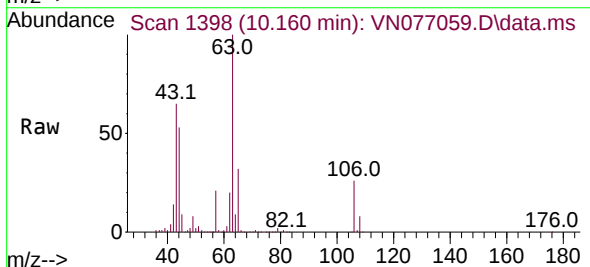
Acq: 20 Mar 2023 10:28

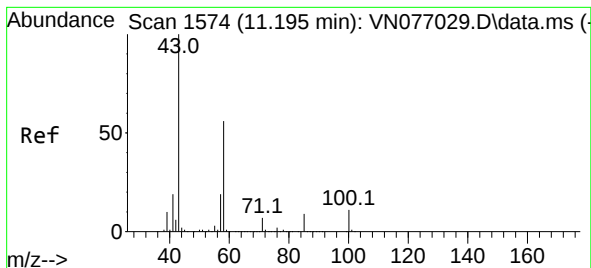
Tgt Ion: 63 Resp: 838005

Ion Ratio Lower Upper

63 100

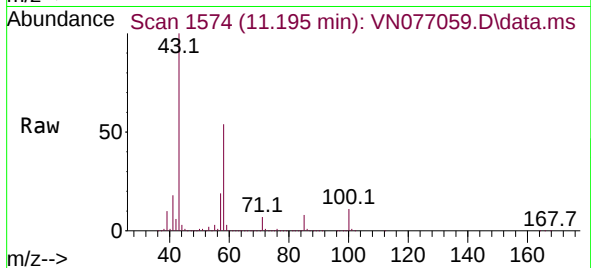
106 26.0 20.6 31.0





#59
2-Hexanone
Concen: 253.011 ug/l
RT: 11.195 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

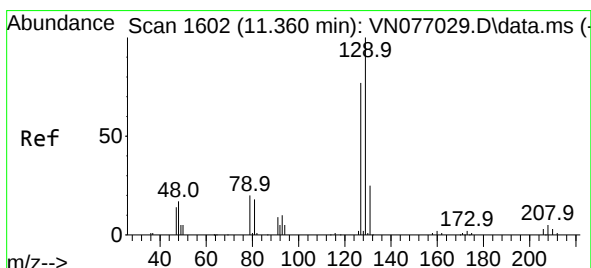
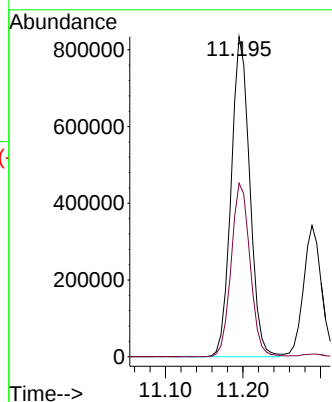
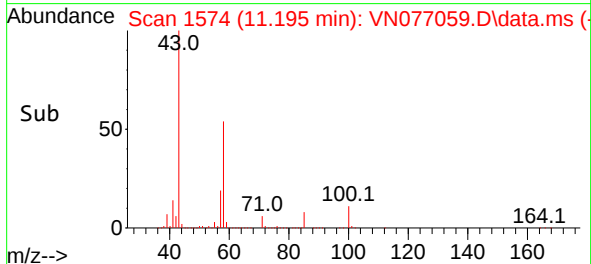
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 139419
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

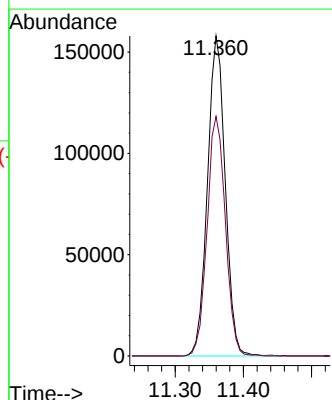
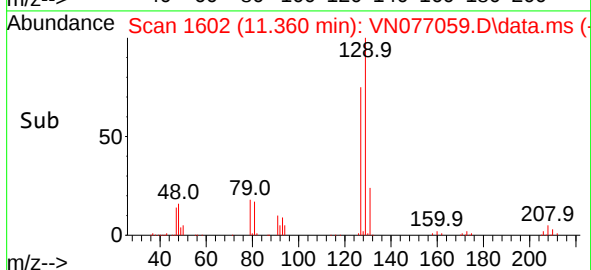
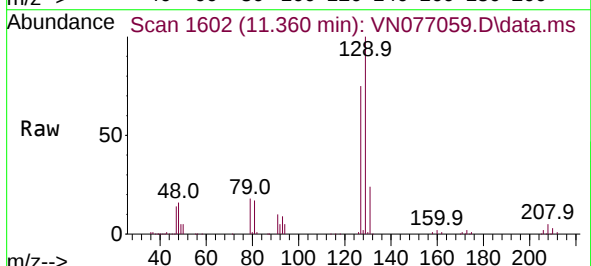
Manual Integrations
APPROVED

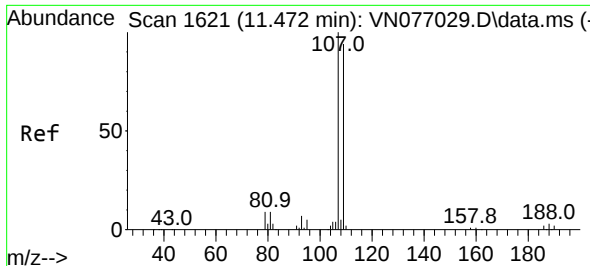
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#60
Dibromochloromethane
Concen: 54.638 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

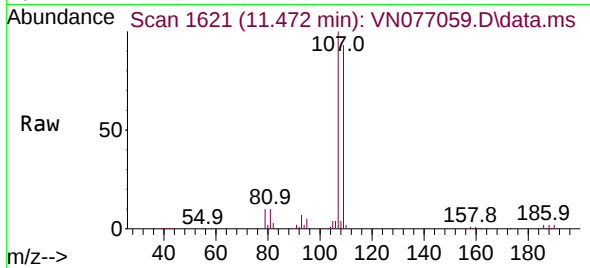
Tgt Ion:129 Resp: 286062
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





#61
1,2-Dibromoethane
Concen: 51.936 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

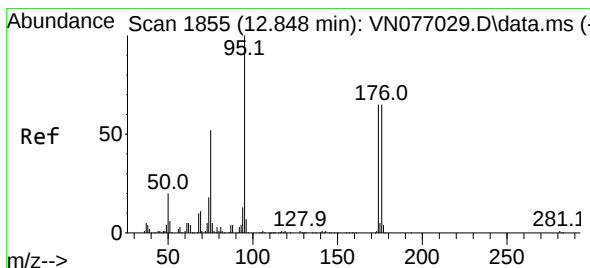
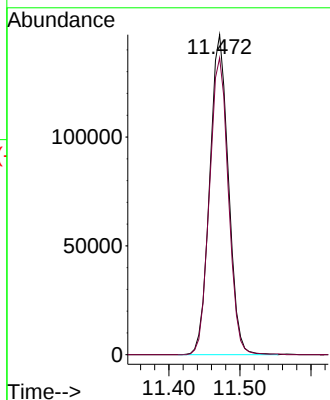
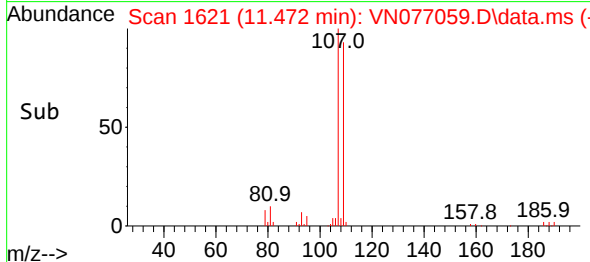
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



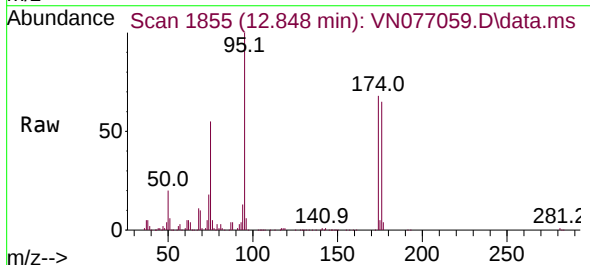
Tgt Ion:107 Resp: 268436
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
APPROVED

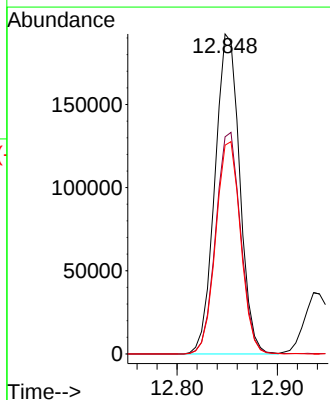
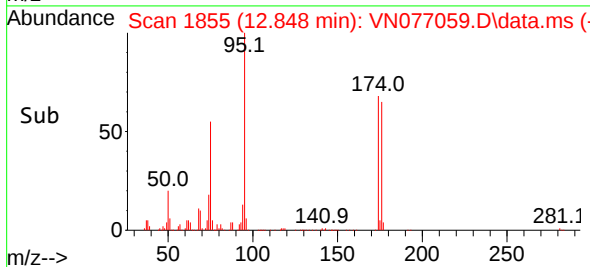
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

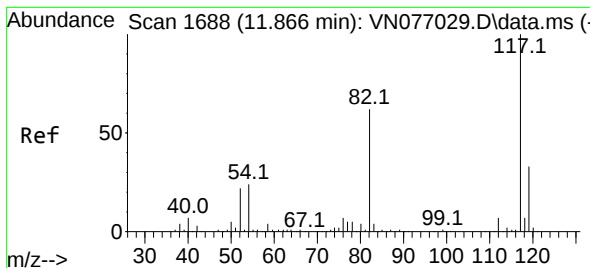


#62
4-Bromofluorobenzene
Concen: 55.970 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



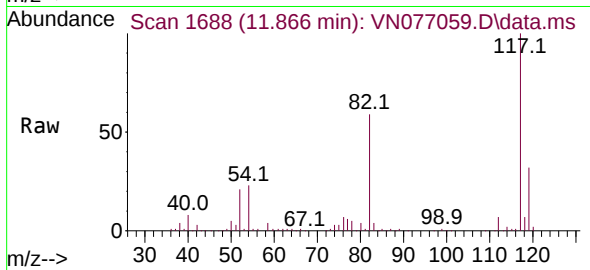
Tgt Ion: 95 Resp: 330163
Ion Ratio Lower Upper
95 100
174 69.6 0.0 136.6
176 66.5 0.0 130.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

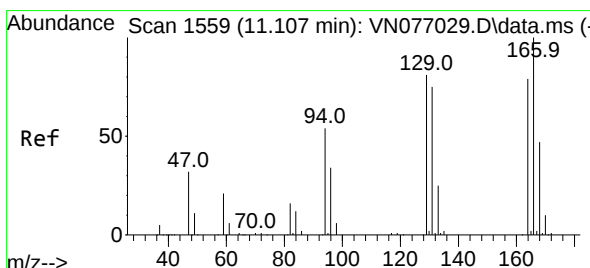
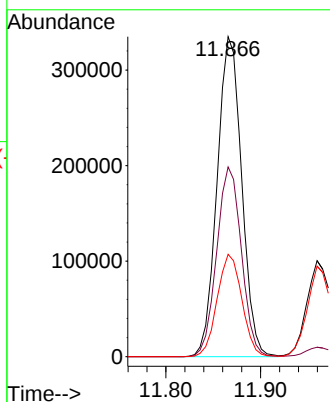
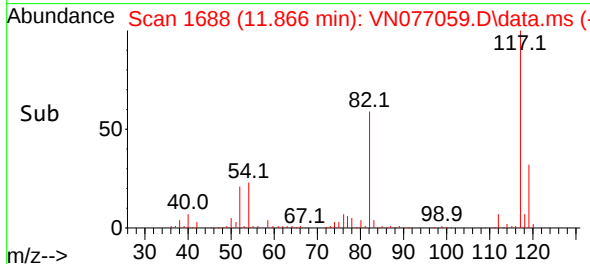
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 604025
Ion Ratio Lower Upper
117 100
82 59.3 49.4 74.0
119 32.0 26.5 39.7

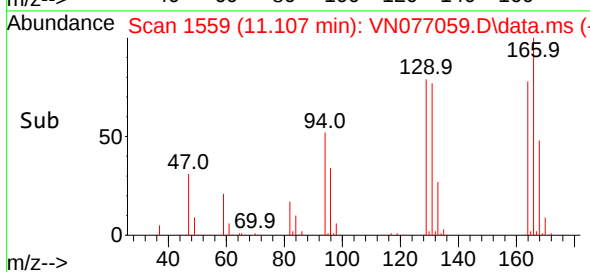
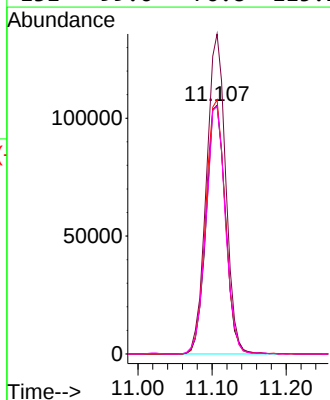
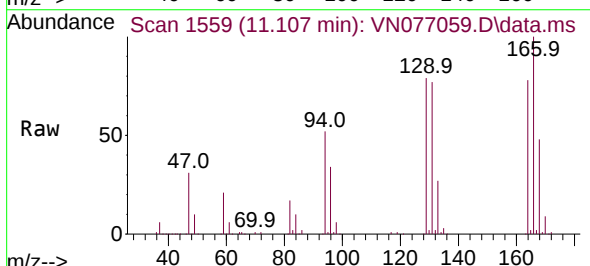
Manual Integrations
APPROVED

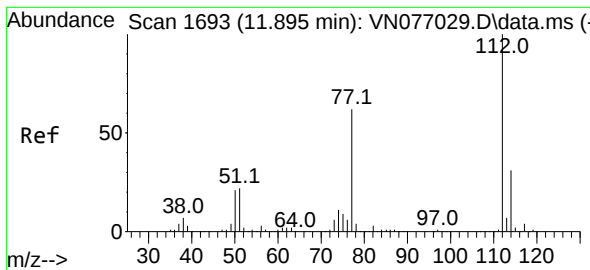
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#64
Tetrachloroethene
Concen: 47.131 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Tgt Ion:164 Resp: 191061
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 102.4 82.6 123.8
131 99.6 76.8 115.2





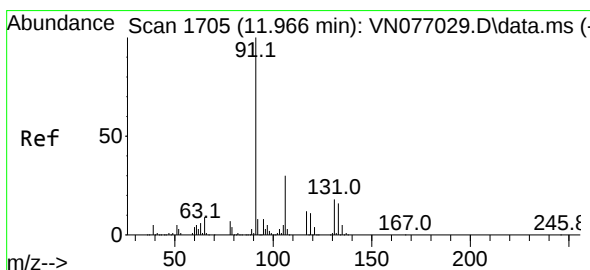
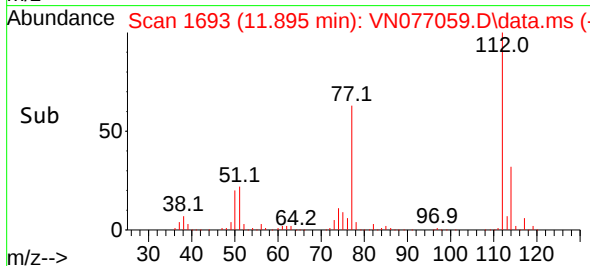
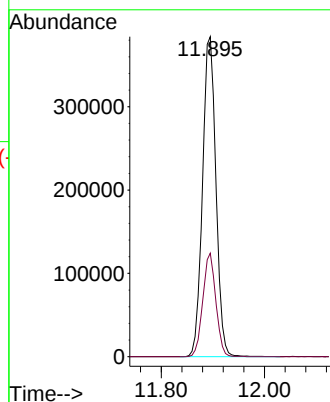
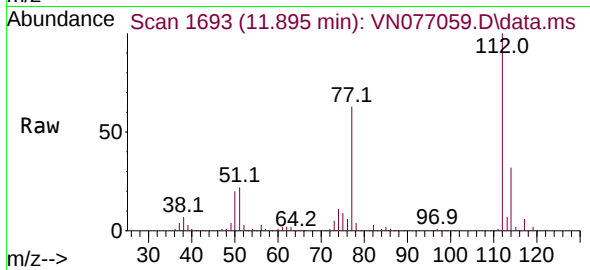
#65
Chlorobenzene
Concen: 49.736 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 691220
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2

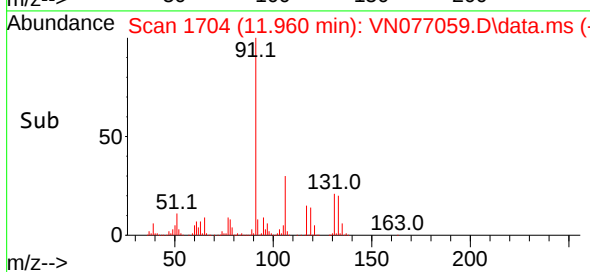
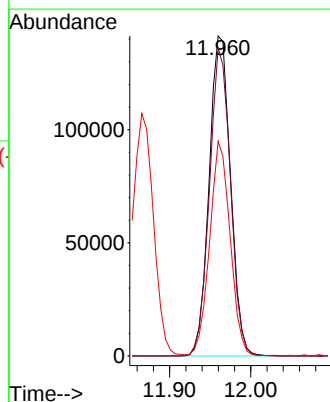
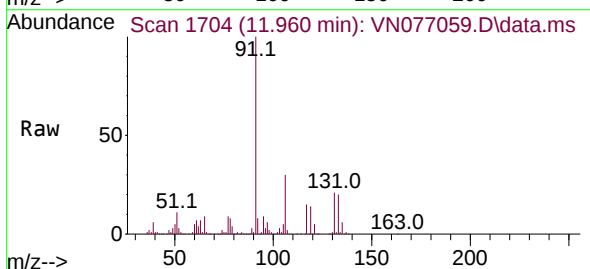
Manual Integrations
APPROVED

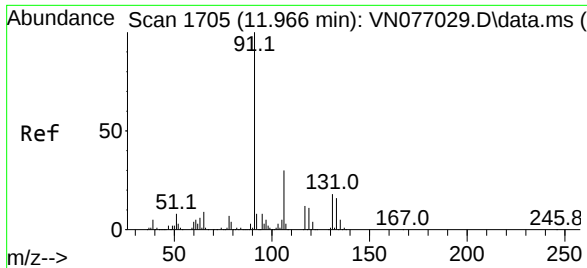
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.357 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

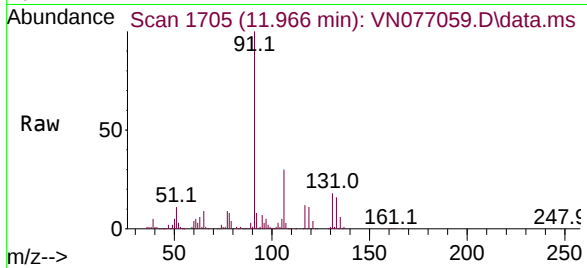
Tgt Ion:131 Resp: 258963
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 64.3 32.6 97.8





#67
Ethyl Benzene
Concen: 51.647 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

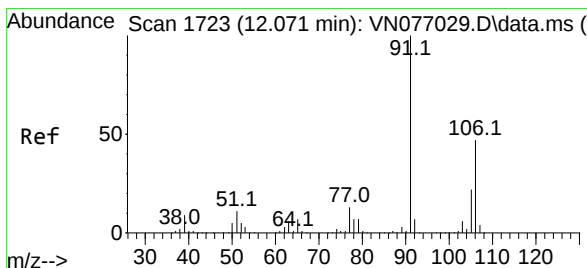
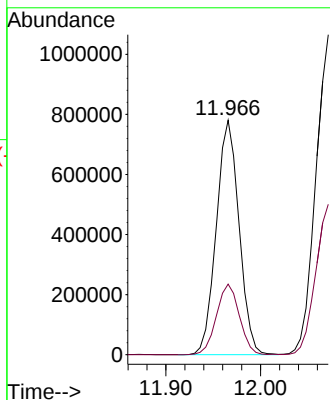
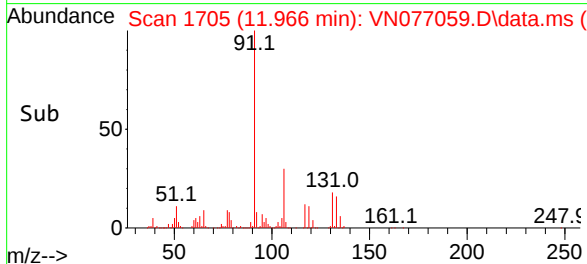
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



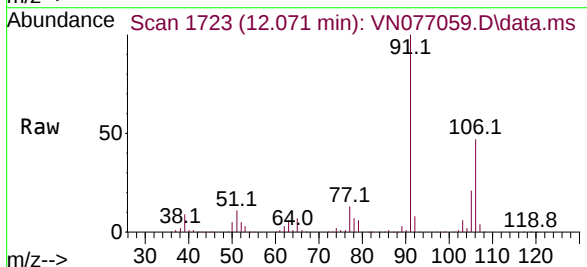
Tgt Ion: 91 Resp: 130378
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

Manual Integrations
APPROVED

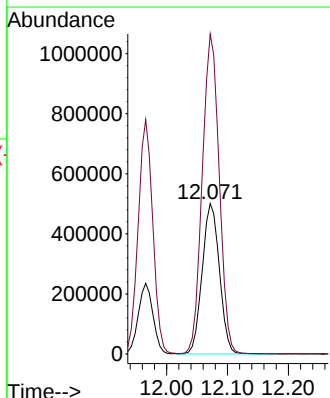
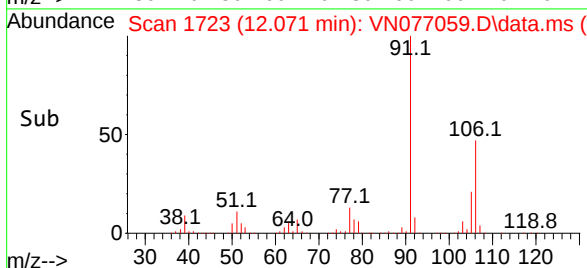
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

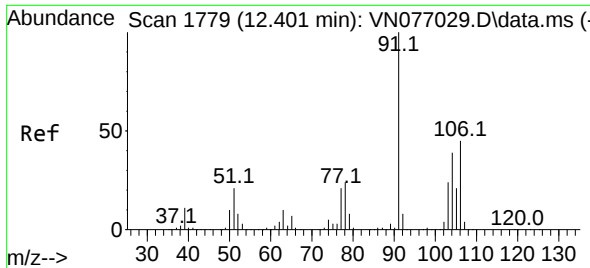


#68
m/p-Xylenes
Concen: 104.781 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion:106 Resp: 980971
Ion Ratio Lower Upper
106 100
91 209.8 168.0 252.0





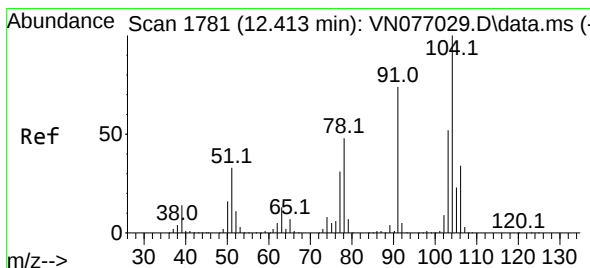
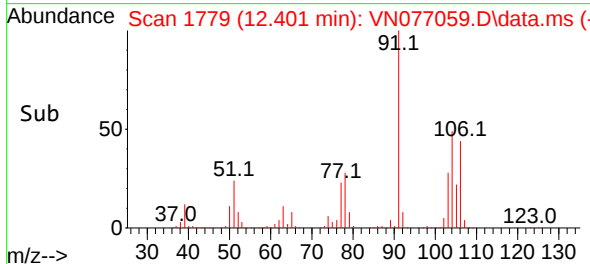
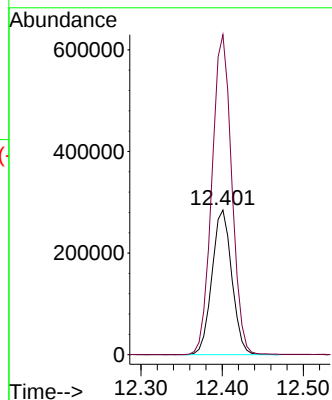
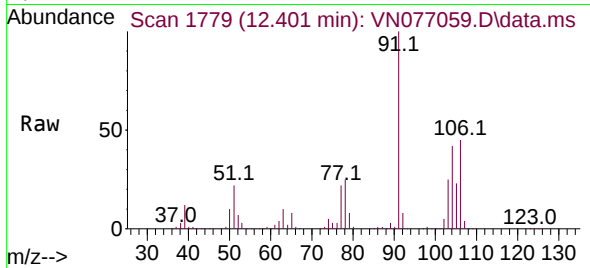
#69
o-Xylene
Concen: 51.946 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 48322
Ion Ratio Lower Upper
106 100
91 221.2 110.3 330.9

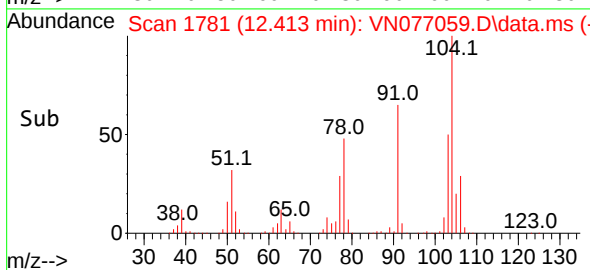
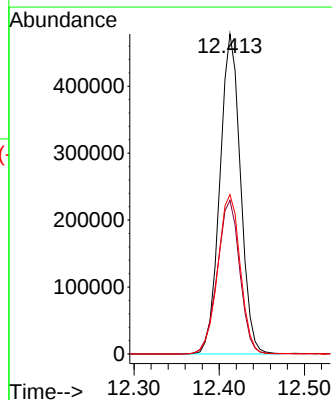
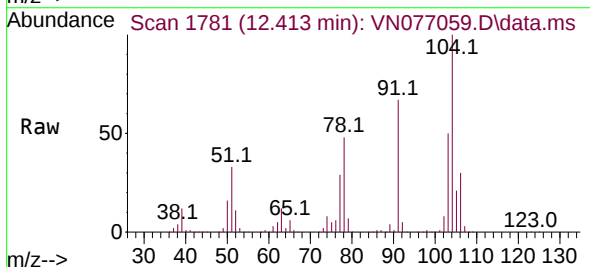
Manual Integrations
APPROVED

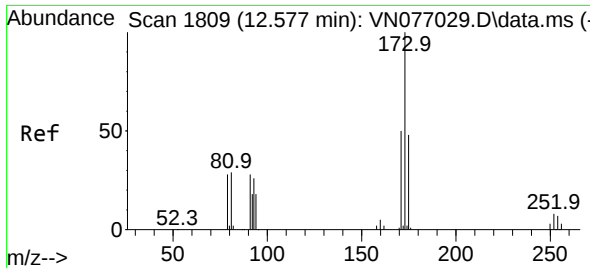
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#70
Styrene
Concen: 55.654 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

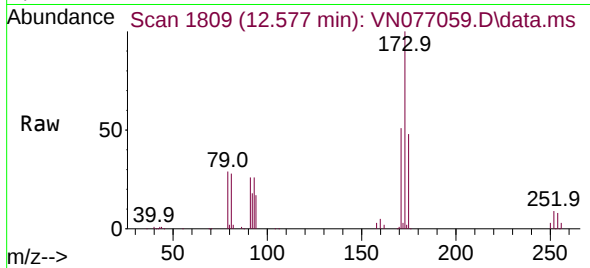
Tgt Ion:104 Resp: 806019
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 54.3 43.8 65.6





#71
Bromoform
Concen: 54.603 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

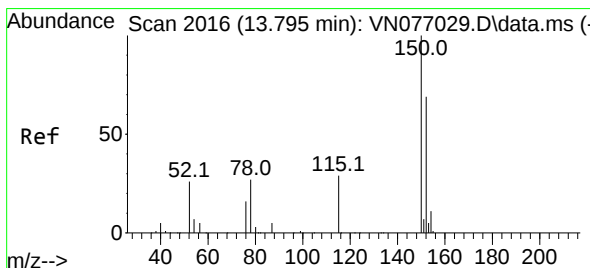
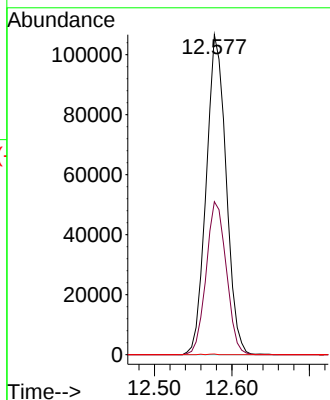
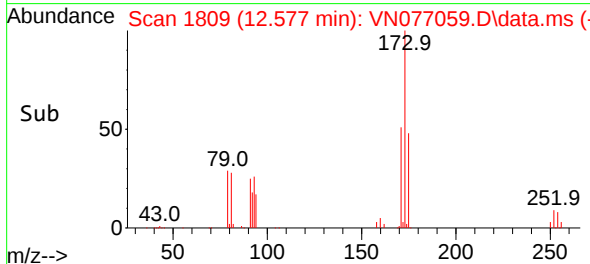
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



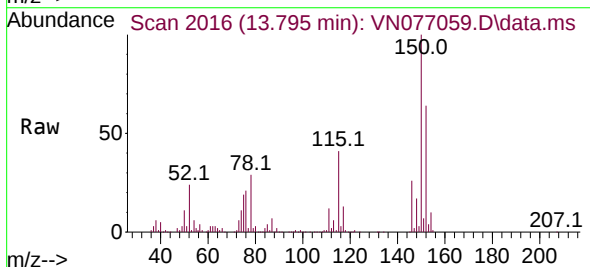
Tgt Ion:173 Resp: 190274
Ion Ratio Lower Upper
173 100
175 48.4 24.5 73.5
254 0.1 0.1 0.1

Manual Integrations
APPROVED

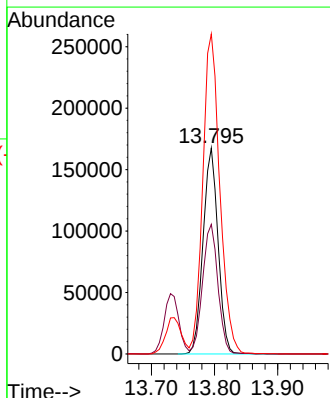
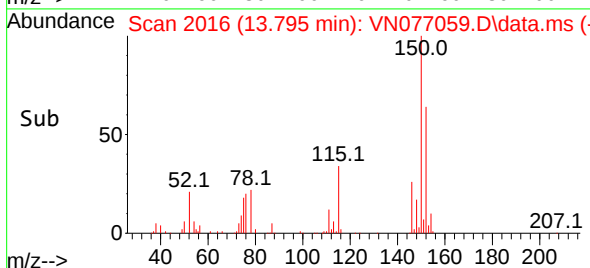
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

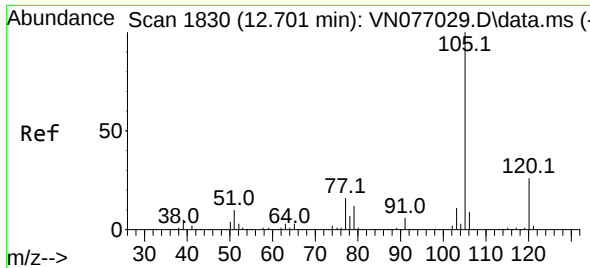


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



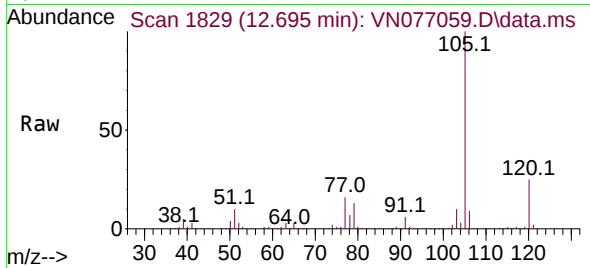
Tgt Ion:152 Resp: 276308
Ion Ratio Lower Upper
152 100
115 64.5 31.9 95.7
150 176.0 0.0 348.0





#73
Isopropylbenzene
Concen: 50.266 ug/l
RT: 12.695 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

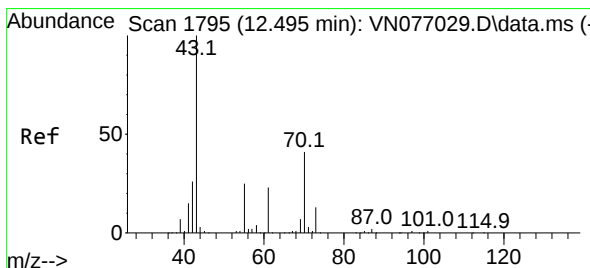
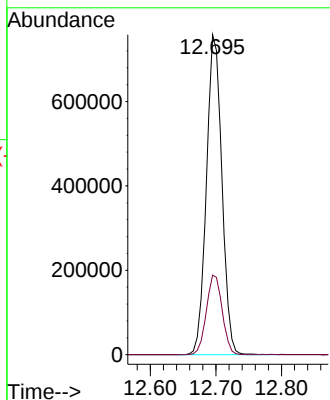
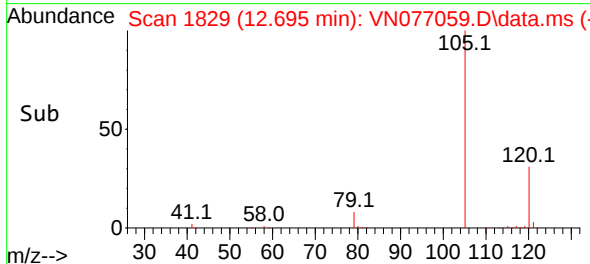
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1244668
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

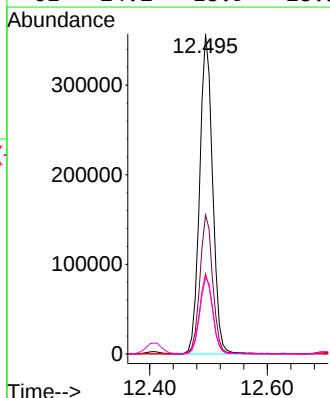
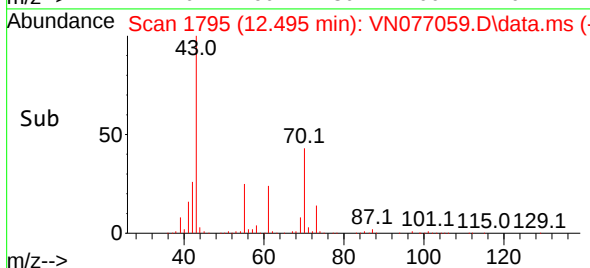
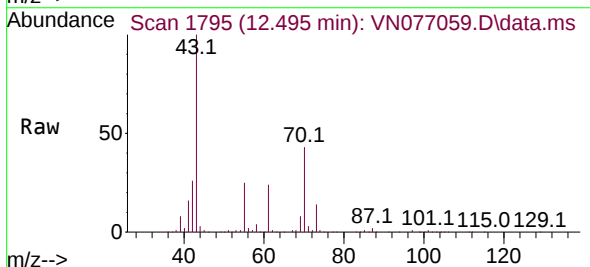
Manual Integrations
APPROVED

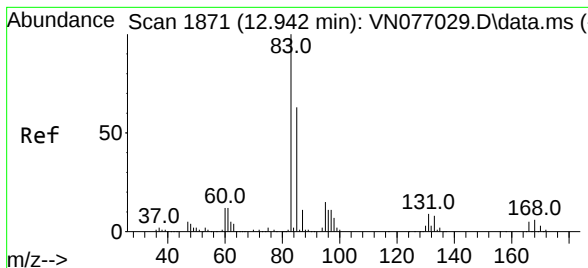
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#74
N-ethyl acetate
Concen: 50.927 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Tgt Ion: 43 Resp: 545826
Ion Ratio Lower Upper
43 100
70 42.8 33.6 50.4
55 25.4 20.3 30.5
61 24.2 18.9 28.3





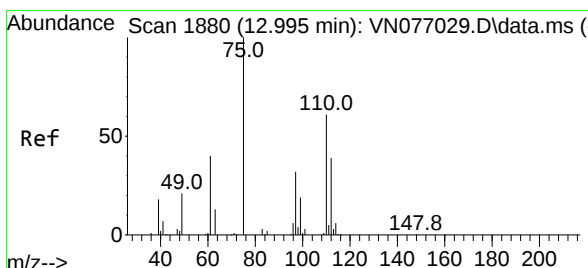
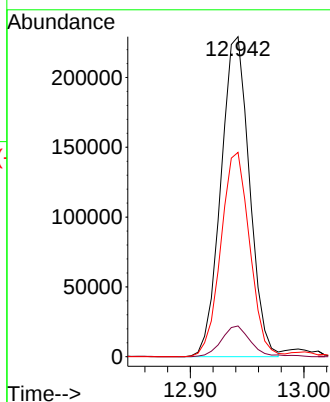
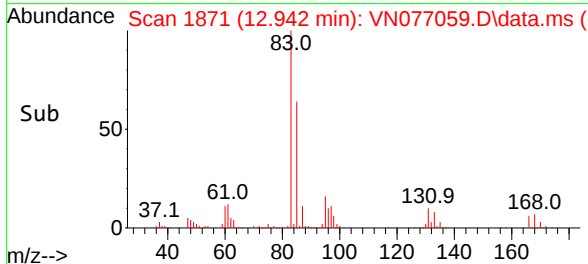
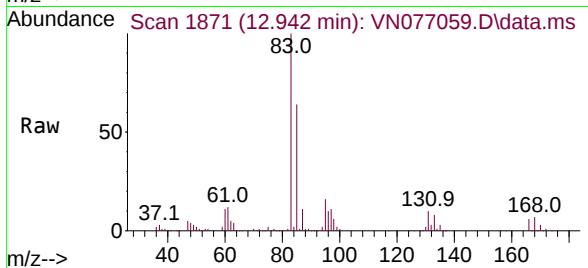
#75
1,1,2,2-Tetrachloroethane
Concen: 44.752 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 401470
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.7
85 64.4 31.9 95.9

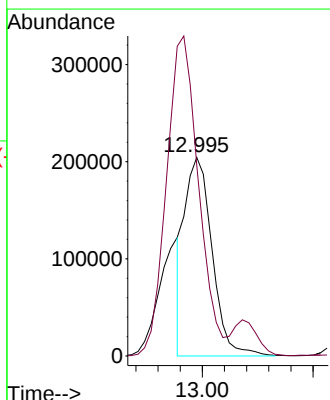
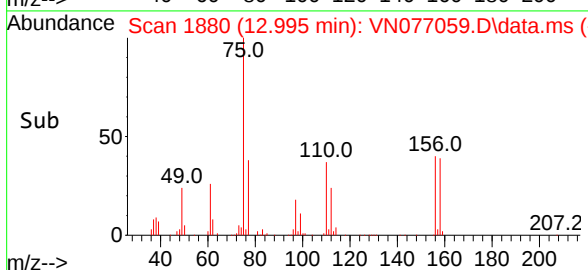
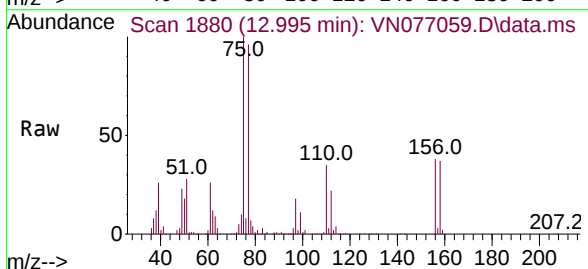
Manual Integrations
APPROVED

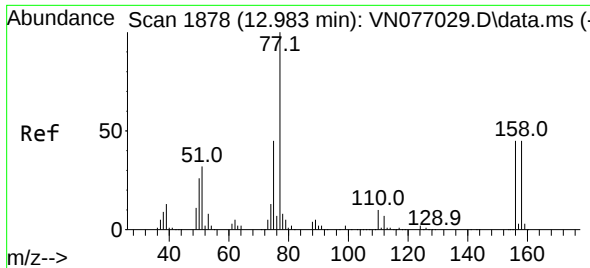
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#76
1,2,3-Trichloropropane
Concen: 49.303 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

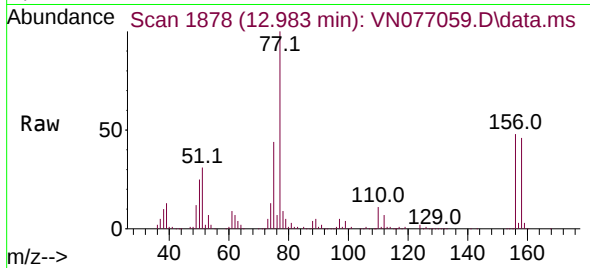
Tgt Ion: 75 Resp: 352372
Ion Ratio Lower Upper
75 100
77 187.4 107.3 322.0





#77
Bromobenzene
Concen: 49.499 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

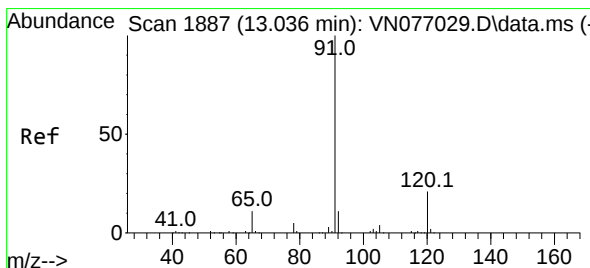
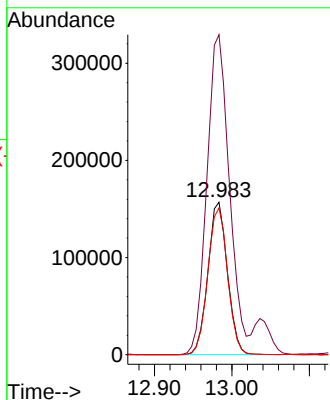
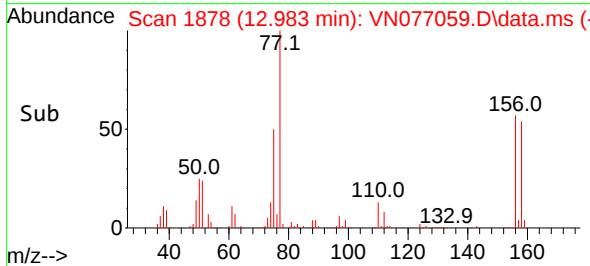
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



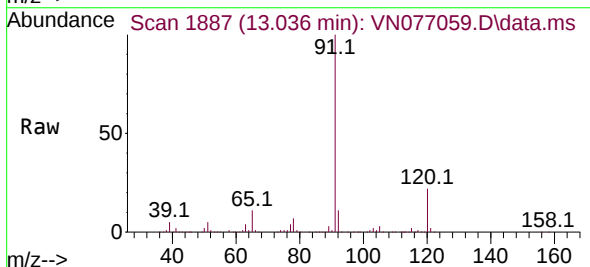
Tgt Ion:156 Resp: 274568
Ion Ratio Lower Upper
156 100
77 240.5 124.8 374.3
158 97.5 48.6 145.9

Manual Integrations
APPROVED

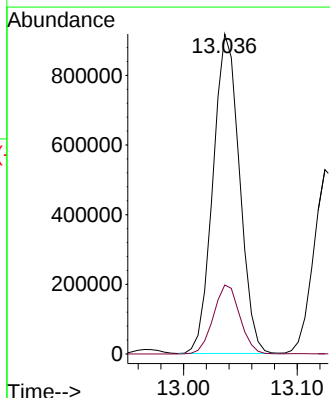
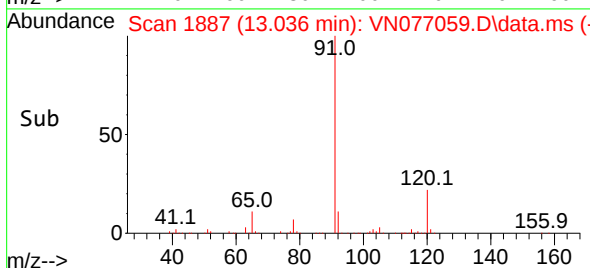
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

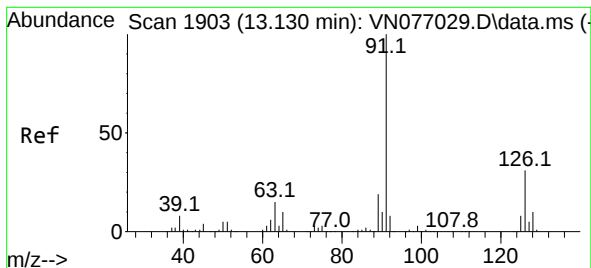


#78
n-propylbenzene
Concen: 52.076 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion: 91 Resp: 1488574
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 50.233 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 914959

Ion Ratio Lower Upper

91 100

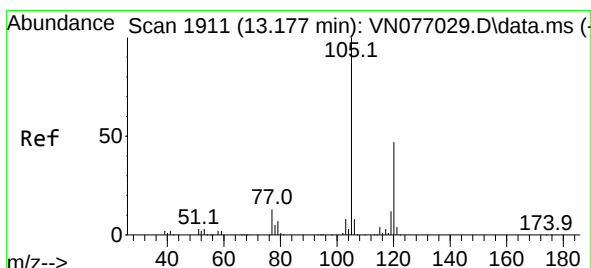
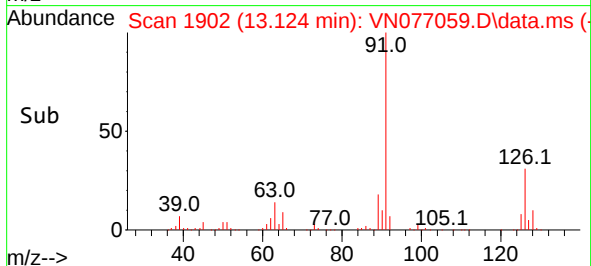
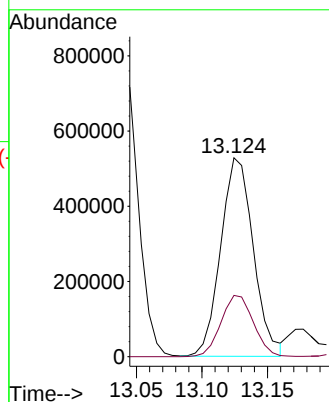
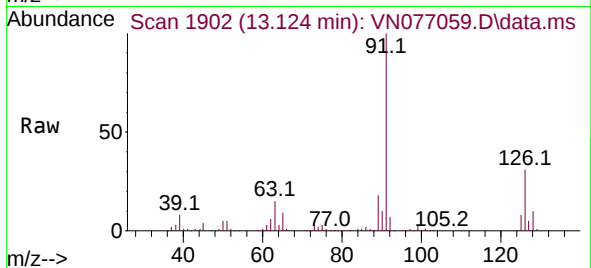
126 30.8 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#80

1,3,5-Trimethylbenzene

Concen: 52.228 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077059.D

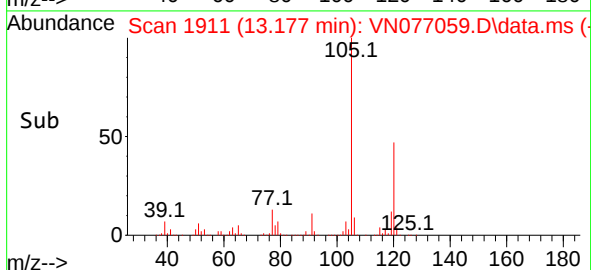
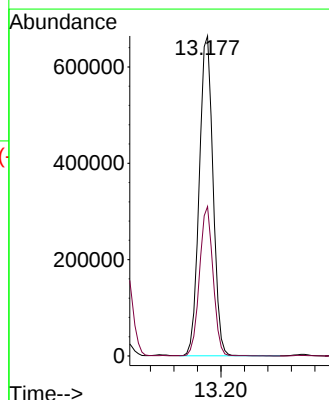
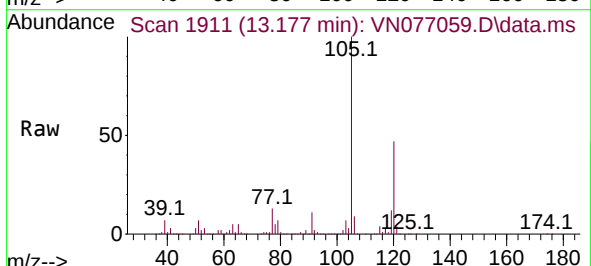
Acq: 20 Mar 2023 10:28

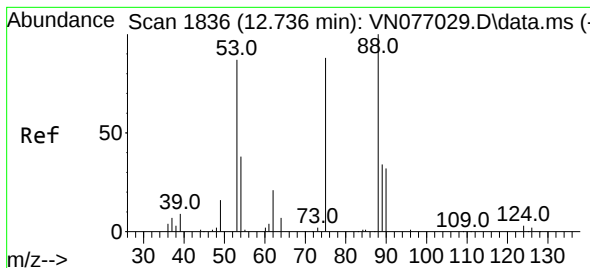
Tgt Ion:105 Resp: 1079753

Ion Ratio Lower Upper

105 100

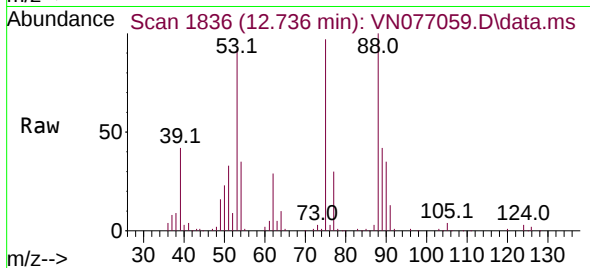
120 46.1 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.239 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

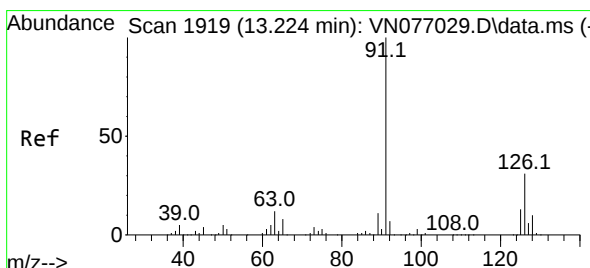
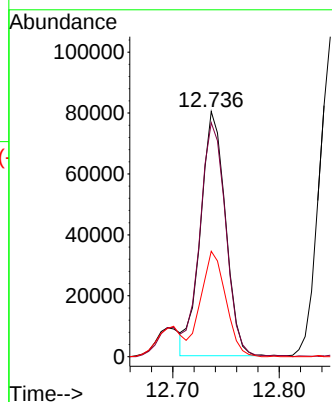
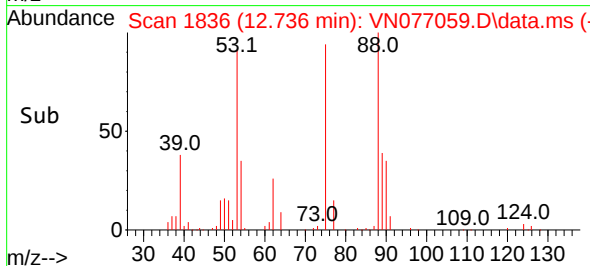
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



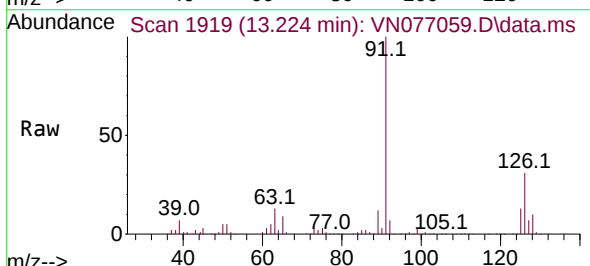
Tgt Ion: 75 Resp: 130440
Ion Ratio Lower Upper
75 100
53 99.9 80.8 121.2
89 43.1 34.2 51.4

Manual Integrations
APPROVED

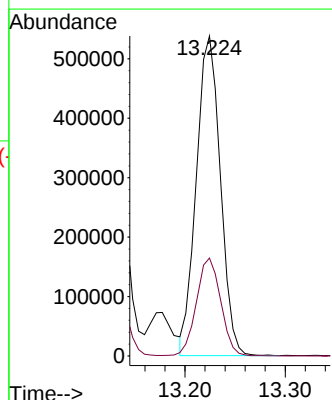
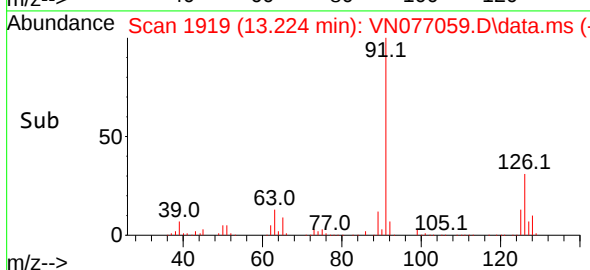
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

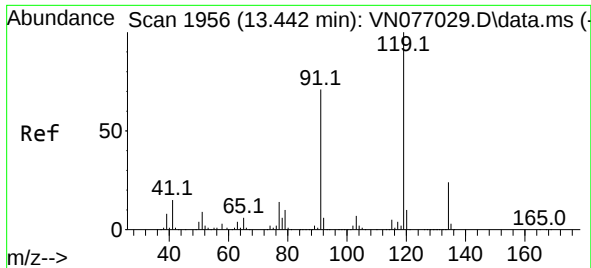


#82
4-Chlorotoluene
Concen: 51.790 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion: 91 Resp: 897018
Ion Ratio Lower Upper
91 100
126 31.1 15.5 46.5





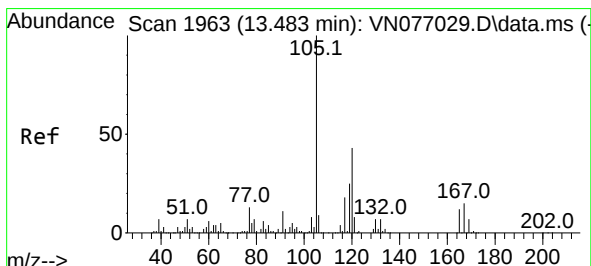
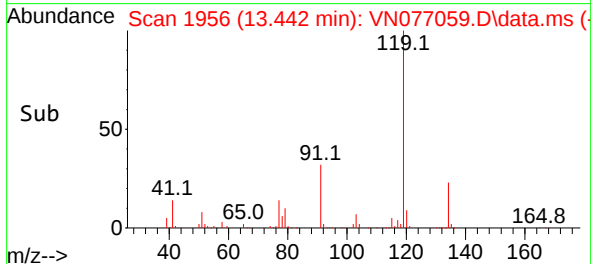
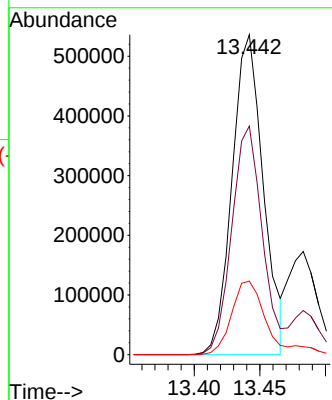
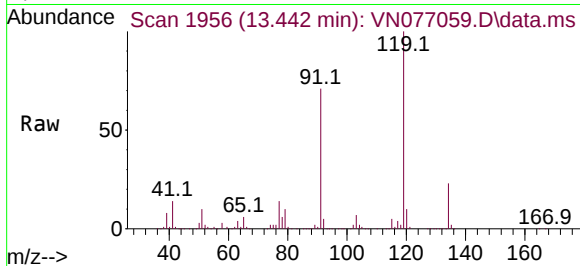
#83
tert-Butylbenzene
Concen: 51.153 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 887911
Ion Ratio Lower Upper
119 100
91 71.3 35.8 107.3
134 26.0 13.3 39.8

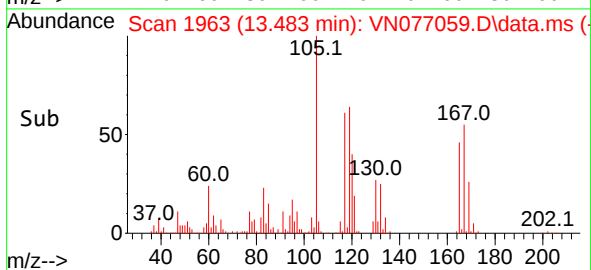
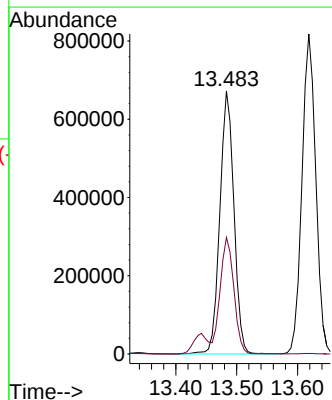
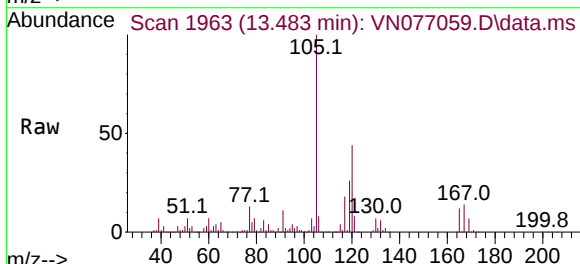
Manual Integrations
APPROVED

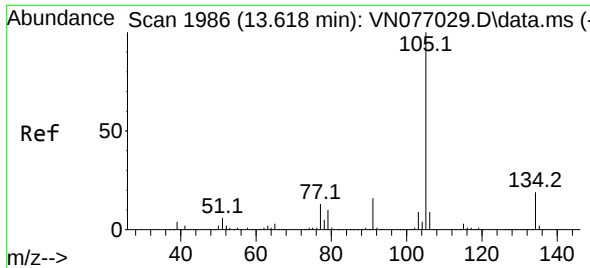
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.308 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

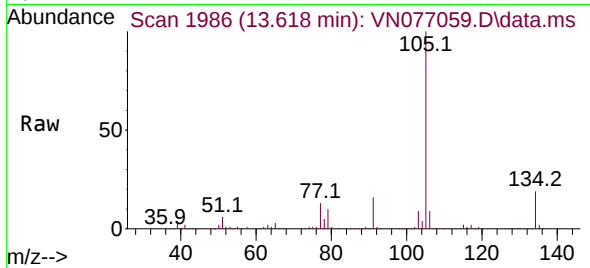
Tgt Ion:105 Resp: 1079170
Ion Ratio Lower Upper
105 100
120 42.7 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 51.995 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077059.D
 Acq: 20 Mar 2023 10:28

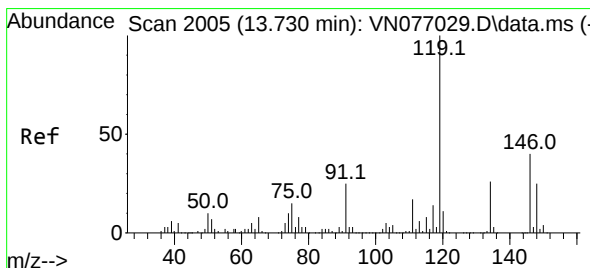
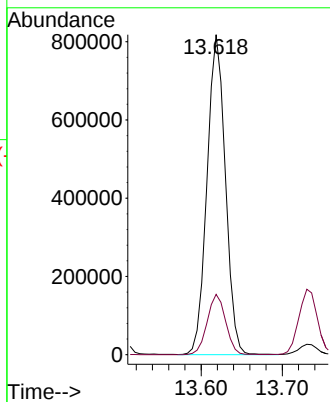
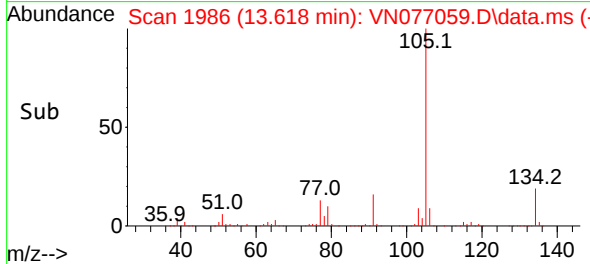
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



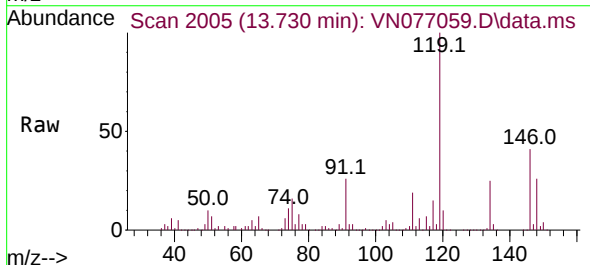
Tgt Ion:105 Resp: 1283849
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 27.9

Manual Integrations
 APPROVED

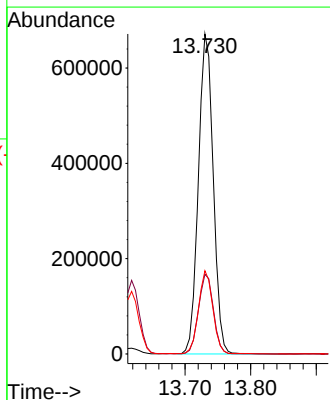
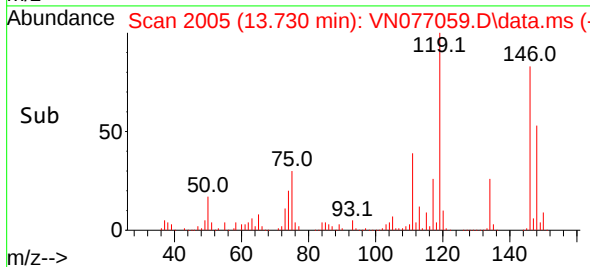
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

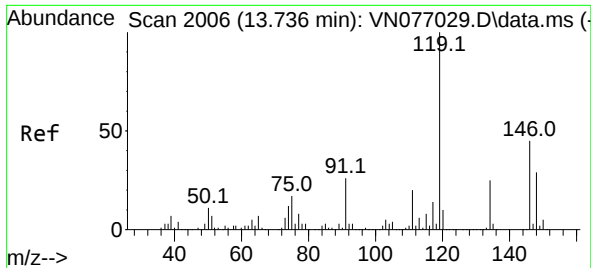


#86
 p-Isopropyltoluene
 Concen: 53.547 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077059.D
 Acq: 20 Mar 2023 10:28



Tgt Ion:119 Resp: 1061776
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.4
 91 24.8 12.7 38.1





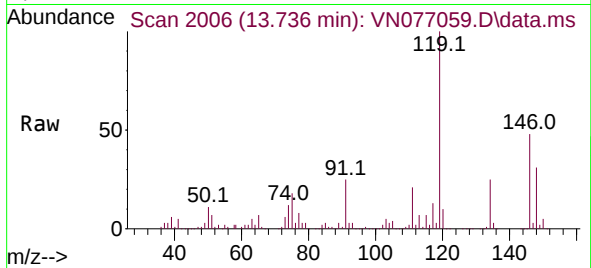
#87
1,3-Dichlorobenzene
Concen: 49.307 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



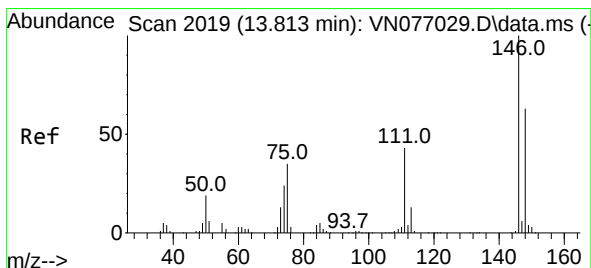
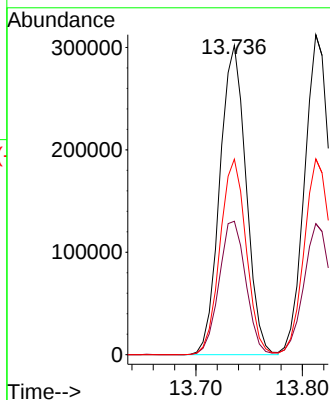
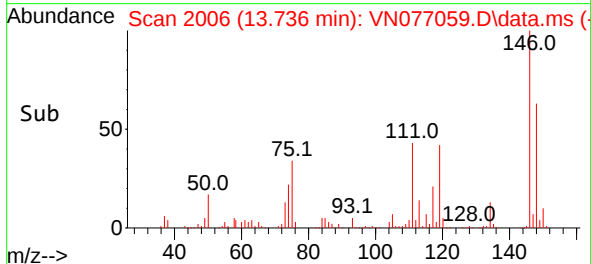
Tgt Ion:146 Resp: 516923
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.5
148 62.8 32.1 96.5

Manual Integrations

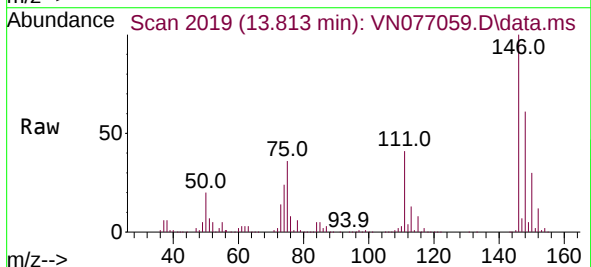
APPROVED

Reviewed By :John Carlone 03/21/2023

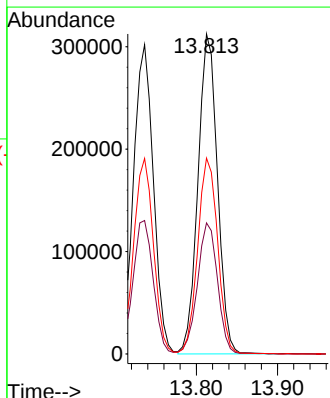
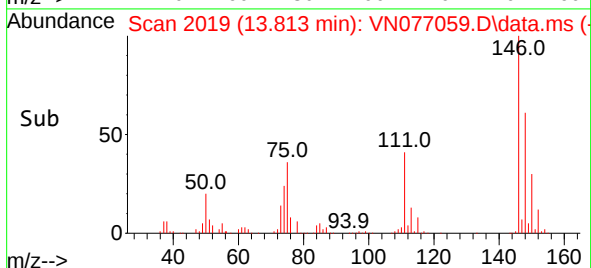
Supervised By :Mahesh Dadoda 03/21/2023

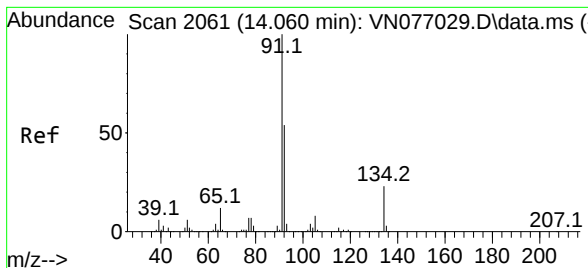


#88
1,4-Dichlorobenzene
Concen: 49.915 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion:146 Resp: 520644
Ion Ratio Lower Upper
146 100
111 42.6 21.5 64.5
148 62.5 31.9 95.9





#89

n-Butylbenzene

Concen: 54.288 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

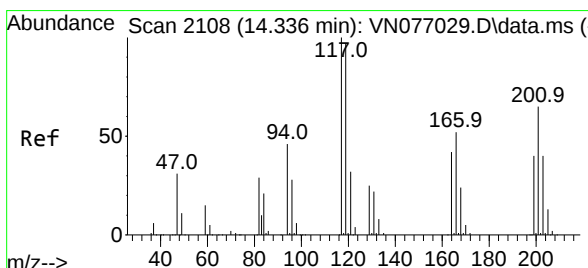
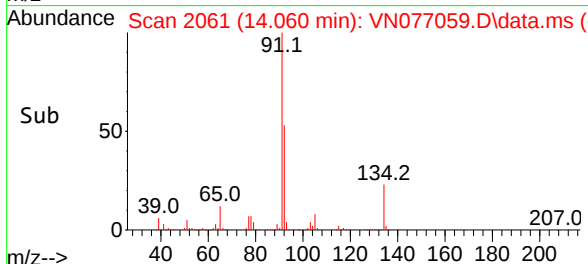
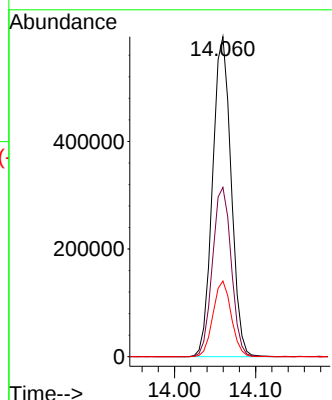
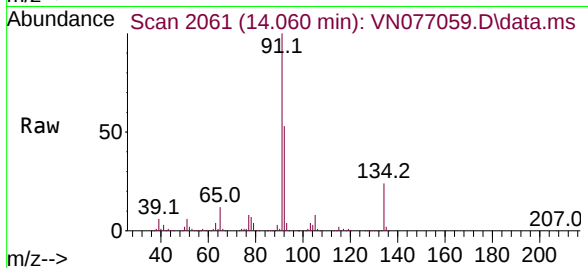
Tgt Ion:	91	Resp:	944352
Ion Ratio	Lower	Upper	
91	100		
92	53.5	26.5	79.5
134	23.2	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#90

Hexachloroethane

Concen: 48.305 ug/l

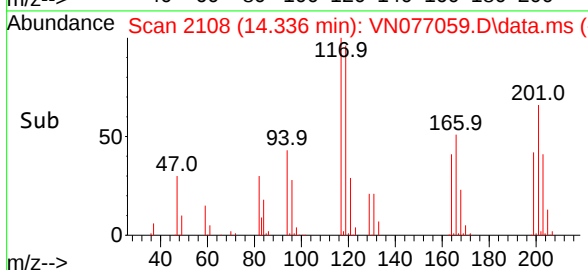
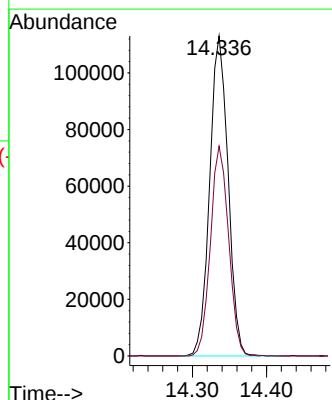
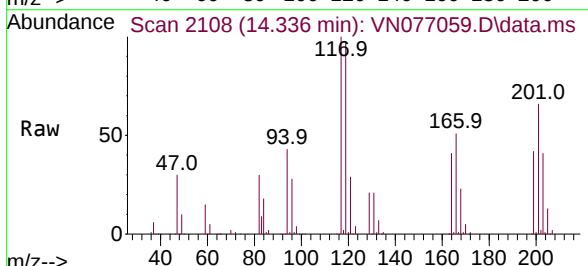
RT: 14.336 min Scan# 2108

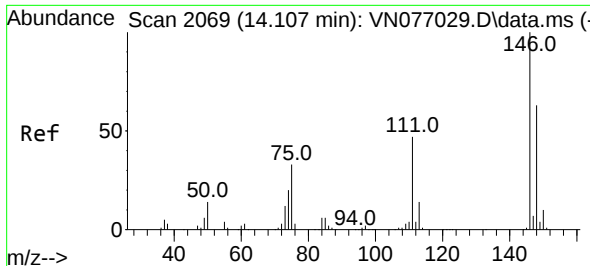
Delta R.T. 0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

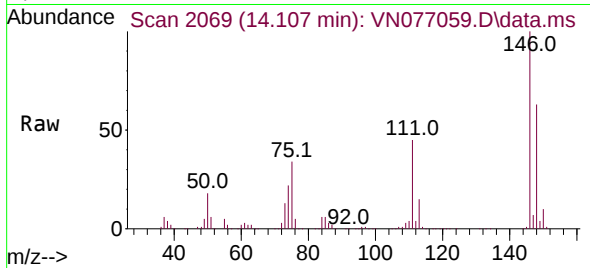
Tgt Ion:	117	Resp:	194739
Ion Ratio	Lower	Upper	
117	100		
201	64.8	32.5	97.4





#91
1,2-Dichlorobenzene
Concen: 49.812 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

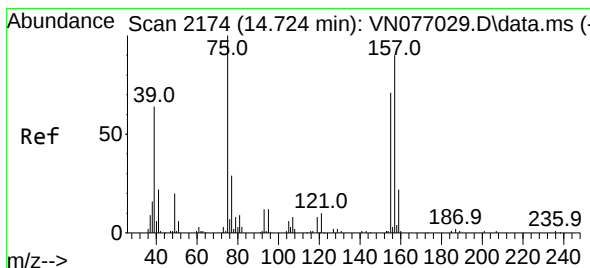
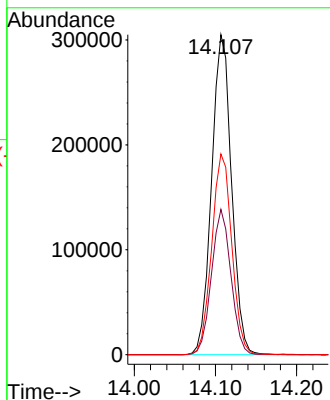
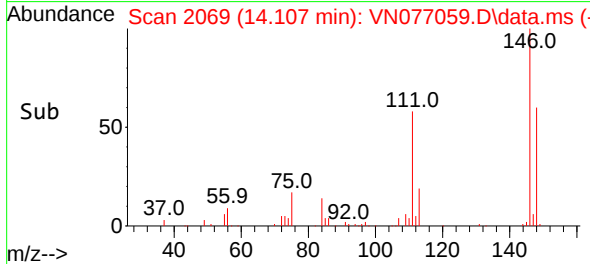
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



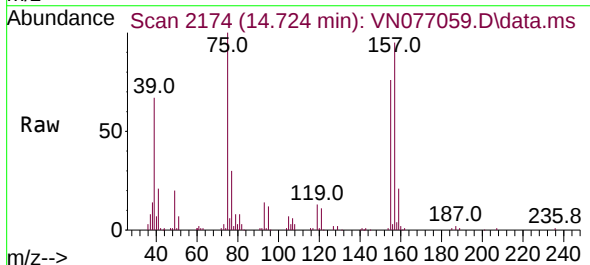
Tgt Ion:146 Resp: 52053
Ion Ratio Lower Upper
146 100
111 44.3 22.6 67.7
148 63.2 31.6 95.0

Manual Integrations
APPROVED

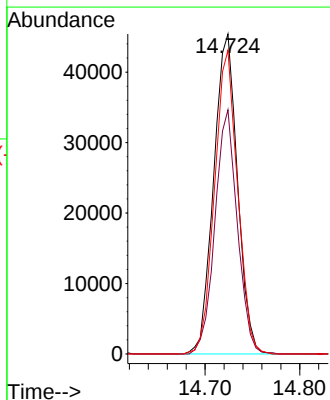
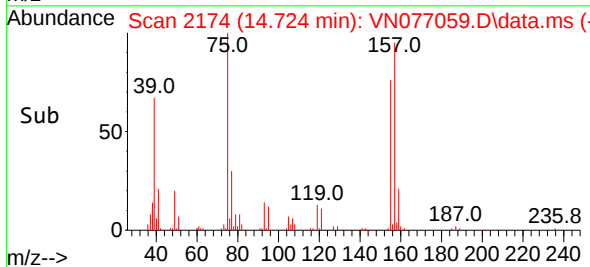
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

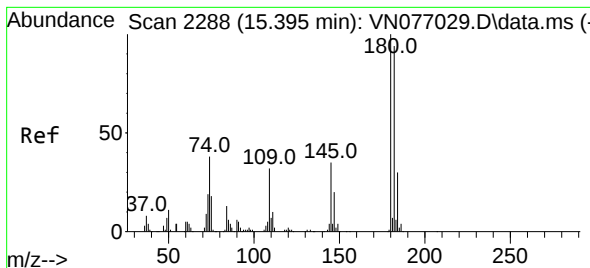


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.600 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion: 75 Resp: 79126
Ion Ratio Lower Upper
75 100
155 72.0 36.1 108.3
157 92.2 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 57.190 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 270164

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

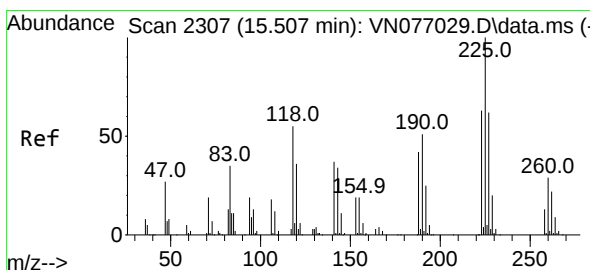
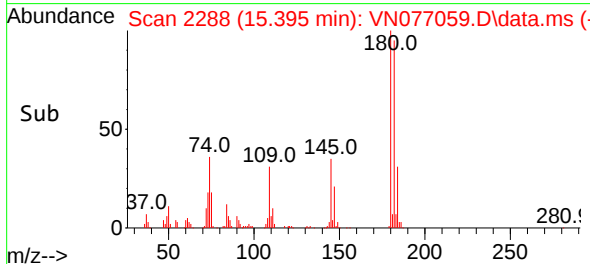
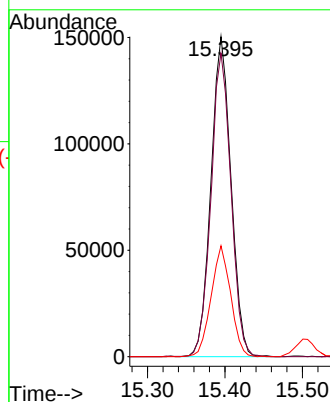
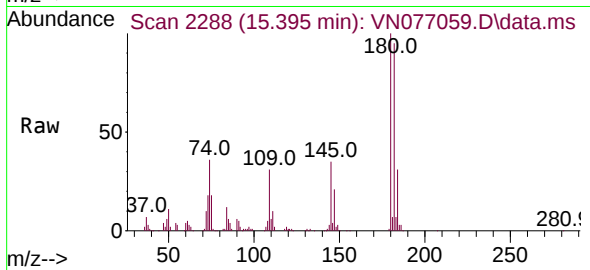
145 33.8 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#94

Hexachlorobutadiene

Concen: 49.502 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077059.D

Acq: 20 Mar 2023 10:28

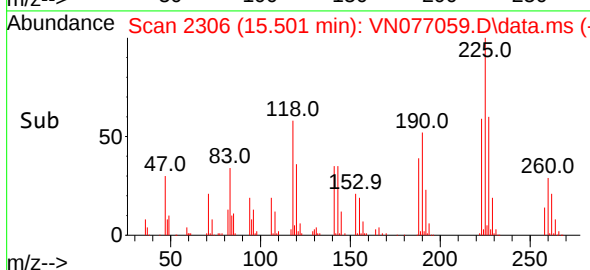
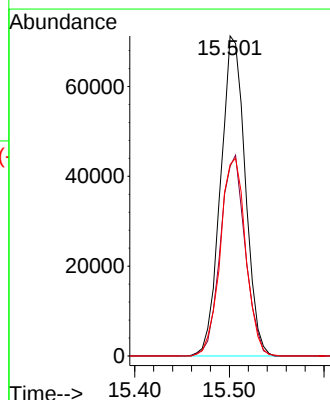
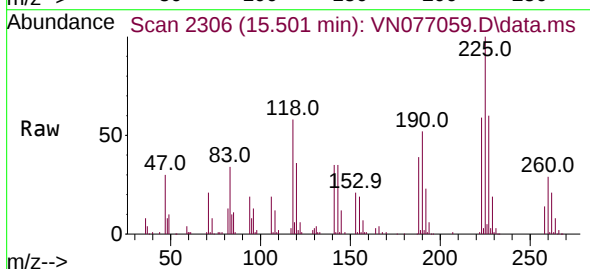
Tgt Ion:225 Resp: 128784

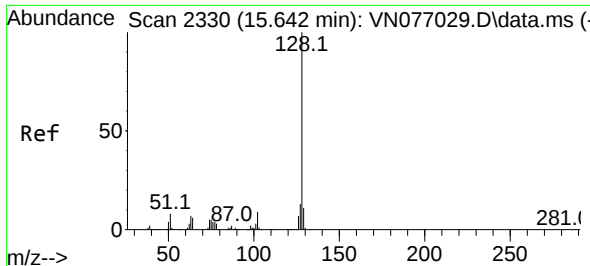
Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

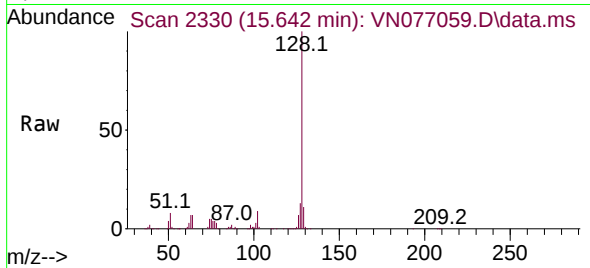
227 63.6 31.3 93.8





#95
Naphthalene
Concen: 48.842 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28

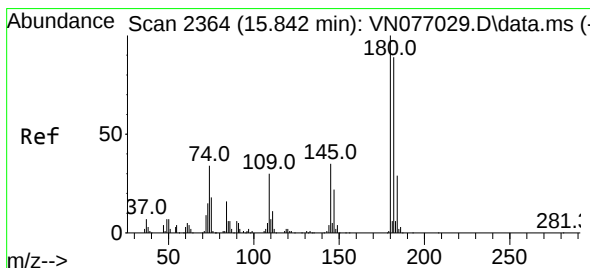
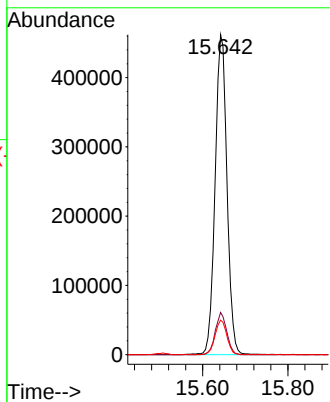
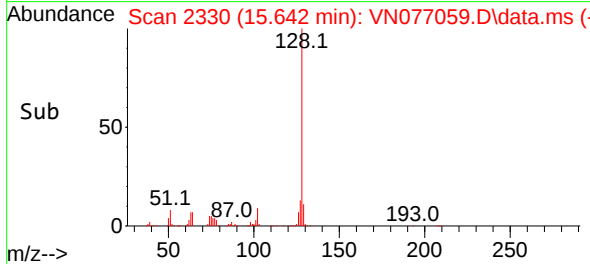
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



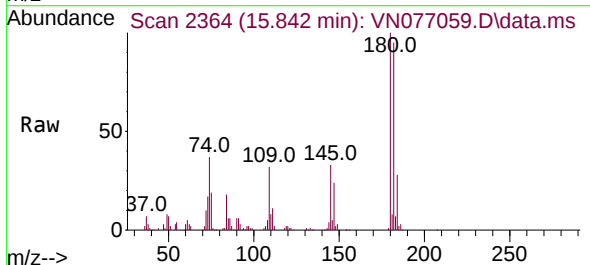
Tgt Ion:128 Resp: 895798
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 56.153 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077059.D
Acq: 20 Mar 2023 10:28



Tgt Ion:180 Resp: 266170
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 34.4 17.9 53.8

